

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018461.D
 Acq On : 17 Sep 2020 11:29
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:41 PM

Quant Time: Sep 17 12:11:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	580919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	934121	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	891923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	467149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	787572	98.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.18%	
35) Dibromofluoromethane	5.47	113	636486	100.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.44%	
50) Toluene-d8	8.70	98	2296412	97.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.56%	
62) 4-Bromofluorobenzene	11.12	95	915939	99.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	561197	82.710	ug/l	97
3) Chloromethane	1.31	50	653921	90.096	ug/l	99
4) Vinyl Chloride	1.39	62	667178	91.512	ug/l	100
5) Bromomethane	1.62	94	361927	97.603	ug/l	98
6) Chloroethane	1.70	64	386097	97.544	ug/l	98
7) Trichlorofluoromethane	1.91	101	1008876	99.878	ug/l	99
8) Diethyl Ether	2.17	74	339238	98.762	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	547160	99.731	ug/l	99
10) Methyl Iodide	2.49	142	712027	132.912	ug/l	99
11) Tert butyl alcohol	3.02	59	711673	461.885	ug/l	99
12) 1,1-Dichloroethene	2.36	96	547336	96.540	ug/l	94
13) Acrolein	2.28	56	458912	657.627	ug/l	97
14) Allyl chloride	2.71	41	1058363	103.326	ug/l	99
15) Acrylonitrile	3.12	53	1716981	484.220	ug/l	100
16) Acetone	2.42	43	1490622	473.329	ug/l	99
17) Carbon Disulfide	2.55	76	1638859	95.370	ug/l	98
18) Methyl Acetate	2.75	43	768398	101.001	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1987314	101.882	ug/l	99
20) Methylene Chloride	2.84	84	635404	89.649	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	621069	98.394	ug/l	98
22) Diisopropyl ether	3.83	45	2018795	100.260	ug/l	# 87
23) Vinyl Acetate	3.79	43	9163828	511.688	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1142095	99.859	ug/l	99
25) 2-Butanone	4.64	43	2457361	479.200	ug/l	98
26) 2,2-Dichloropropane	4.55	77	1041018	109.303	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	708607	97.523	ug/l	99
28) Bromochloromethane	4.98	49	553231	99.831	ug/l	99
29) Tetrahydrofuran	5.09	42	1581165	485.699	ug/l	100
30) Chloroform	5.18	83	1178388	99.444	ug/l	97
31) Cyclohexane	5.55	56	1000084	103.299	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	1095955	100.273	ug/l	99
36) 1,1-Dichloropropene	5.77	75	883907	102.046	ug/l	99
37) Ethyl Acetate	4.79	43	974247	97.496	ug/l	99
38) Carbon Tetrachloride	5.76	117	992375	101.504	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	1032463	108.571	ug/l	99
40) Benzene	6.12	78	2548822	100.389	ug/l	99
41) Methacrylonitrile	5.01	41	529705	96.718	ug/l	98
42) 1,2-Dichloroethane	6.17	62	978012	100.227	ug/l	99
43) Isopropyl Acetate	6.42	43	1621298	100.469	ug/l	100
44) Trichloroethene	7.19	130	716781	99.640	ug/l	96
45) 1,2-Dichloropropane	7.49	63	680949	99.851	ug/l	95
46) Dibromomethane	7.64	93	469861	97.508	ug/l	98
47) Bromodichloromethane	7.88	83	976198	101.729	ug/l	97
48) Methyl methacrylate	7.74	41	815249	101.534	ug/l	99
49) 1,4-Dioxane	7.72	88	245478	1745.987	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4903072	494.941	ug/l	99
52) Toluene	8.77	92	1595436	99.471	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1119506	105.020	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	1164676	103.086	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	663364	97.162	ug/l	98
56) Ethyl methacrylate	9.16	69	1060332	104.281	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1111242	98.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2712181	574.212	ug/l	100
59) 2-Hexanone	9.48	43	3773688	501.509	ug/l	100
60) Dibromochloromethane	9.57	129	809044	100.855	ug/l	100
61) 1,2-Dibromoethane	9.65	107	720615	97.274	ug/l	100
64) Tetrachloroethene	9.32	164	628731	95.453	ug/l	98
65) Chlorobenzene	10.12	112	1790533	100.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	713315	101.189	ug/l	99
67) Ethyl Benzene	10.24	91	3147463	103.347	ug/l	97
68) m/p-Xylenes	10.34	106	2409211	212.658	ug/l	99
69) o-Xylene	10.68	106	1144562	103.990	ug/l	100
70) Styrene	10.70	104	2014082	107.156	ug/l	99
71) Bromoform	10.84	173	634183	105.528	ug/l	99
73) Isopropylbenzene	11.01	105	3104545	101.131	ug/l	100
74) N-amyl acetate	10.88	43	1462192	101.421	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	993481	91.949	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	921645m	89.330	ug/l	
77) Bromobenzene	11.24	156	839945	98.656	ug/l	99
78) n-propylbenzene	11.35	91	3645802	103.836	ug/l	100
79) 2-Chlorotoluene	11.41	91	2174480	100.718	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2701696	106.679	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	390556	101.656	ug/l	99
82) 4-Chlorotoluene	11.49	91	2608932	101.517	ug/l	100
83) tert-Butylbenzene	11.76	119	2600666	103.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2746588	105.962	ug/l	98
85) sec-Butylbenzene	11.93	105	3127800	109.490	ug/l	100
86) p-Isopropyltoluene	12.05	119	2895937	110.219	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1492161	99.226	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1465521	97.304	ug/l	99
89) n-Butylbenzene	12.37	91	2601619	107.936	ug/l	99
90) Hexachloroethane	12.58	117	566658	109.752	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1371273	97.586	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	253165	93.550	ug/l	97

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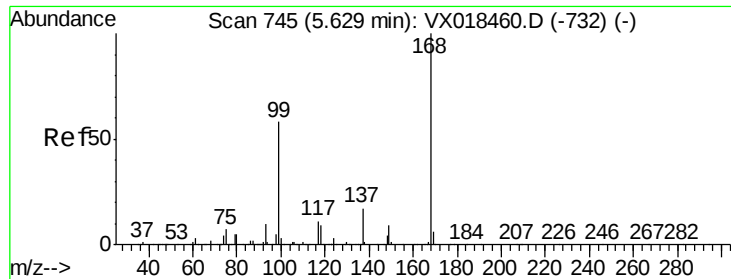
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1008313	107.033	ug/l	94
94) Hexachlorobutadiene	13.77	225	414891	109.910	ug/l	98
95) Naphthalene	13.82	128	3212750	104.294	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	922154	98.701	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 580919

Ion Ratio Lower Upper

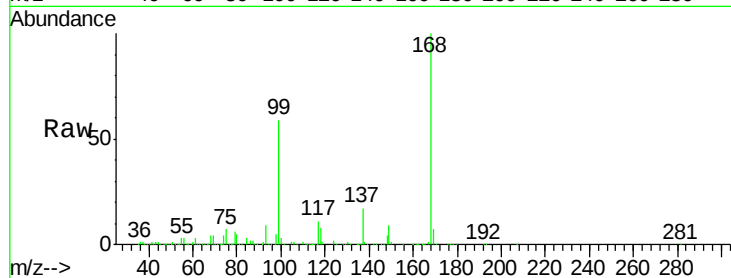
168 100

99 58.5 46.5 69.7

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

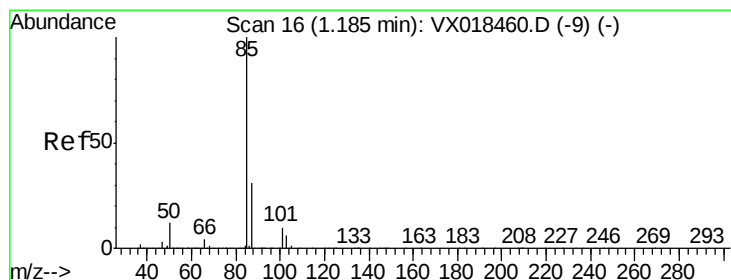
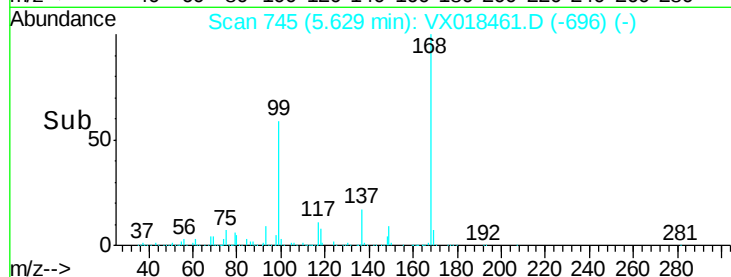
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 82.710 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018461.D

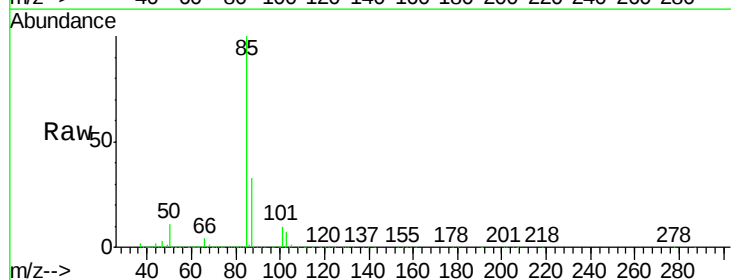
Acq: 17 Sep 2020 11:29

Tgt Ion: 85 Resp: 561197

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

600000

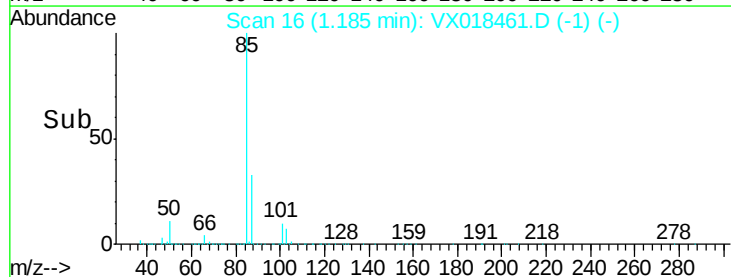
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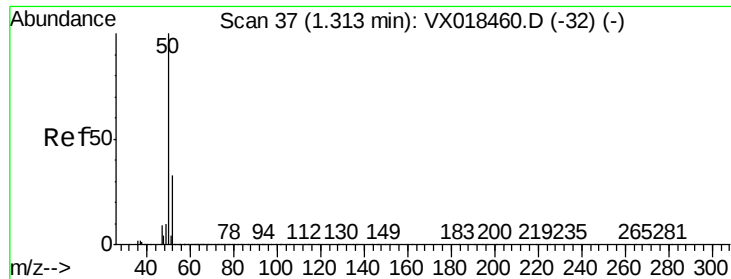
200000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 90.096 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 653921

Ion Ratio Lower Upper

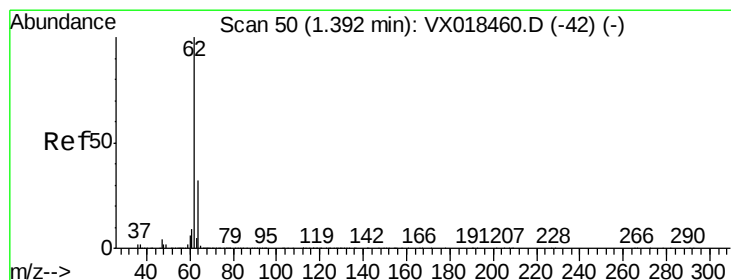
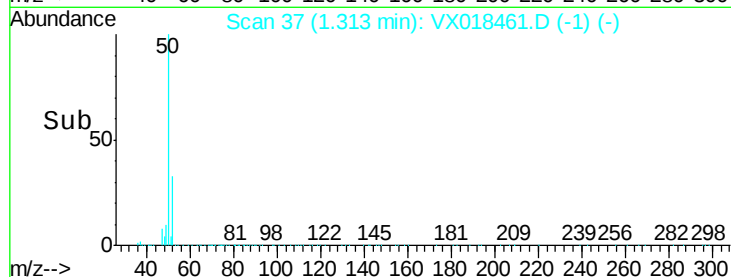
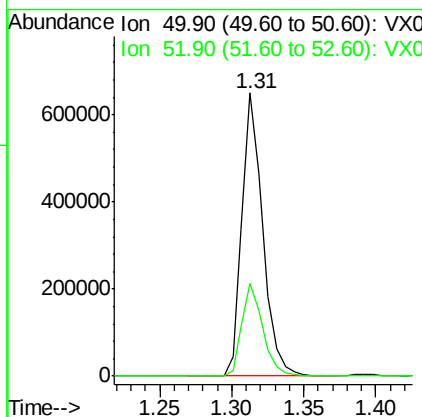
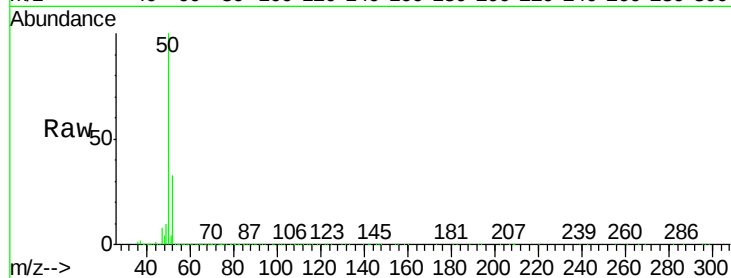
50 100

52 32.6 26.6 40.0

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#4

Vinyl Chloride

Concen: 91.512 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018461.D

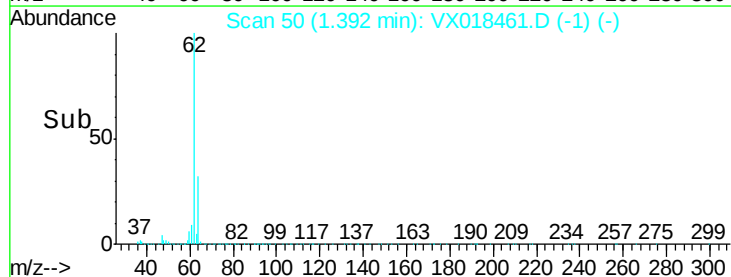
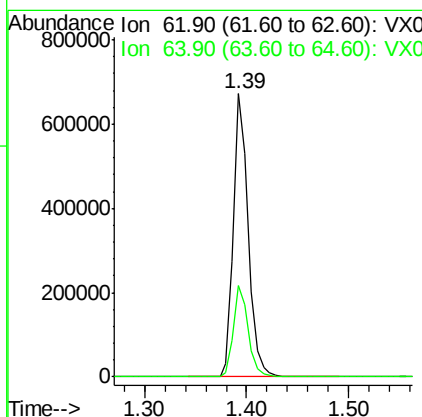
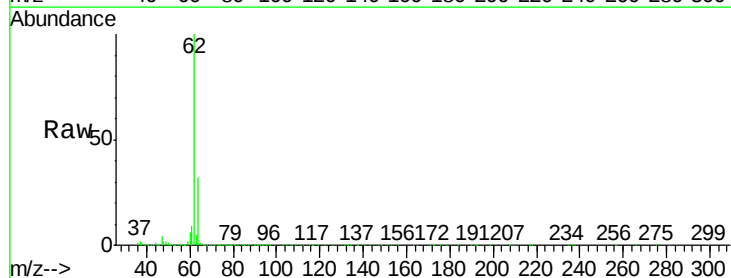
Acq: 17 Sep 2020 11:29

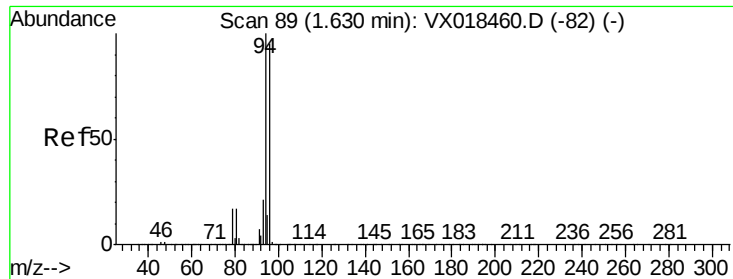
Tgt Ion: 62 Resp: 667178

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 97.603 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 361927

Ion Ratio Lower Upper

94 100

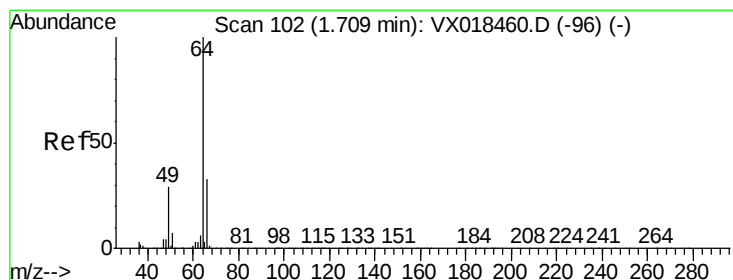
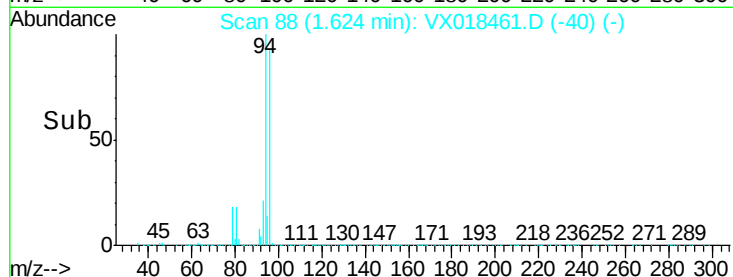
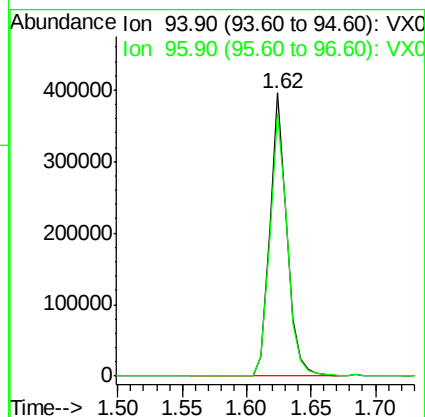
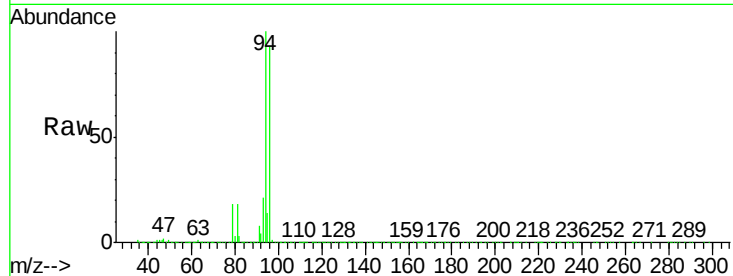
96 92.9 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 97.544 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018461.D

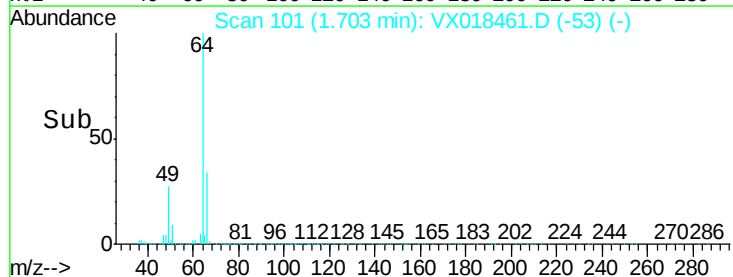
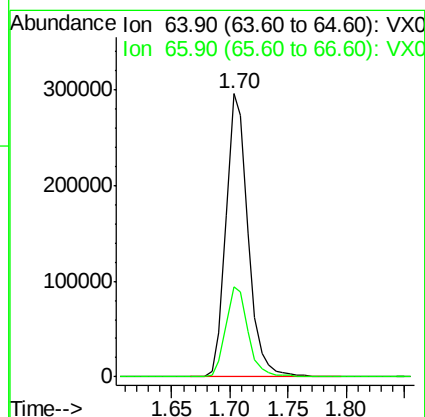
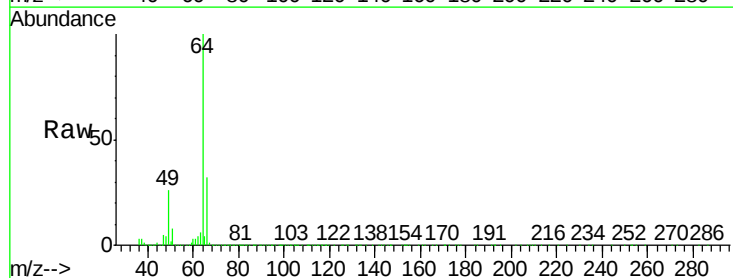
Acq: 17 Sep 2020 11:29

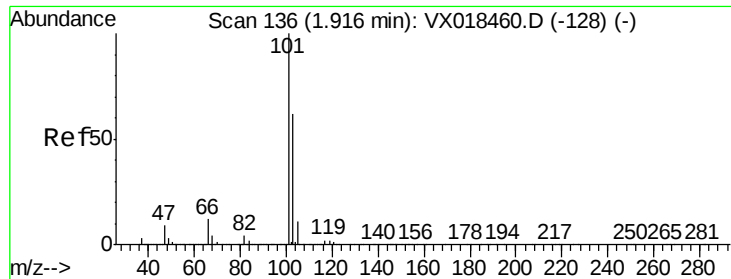
Tgt Ion: 64 Resp: 386097

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.4





#7

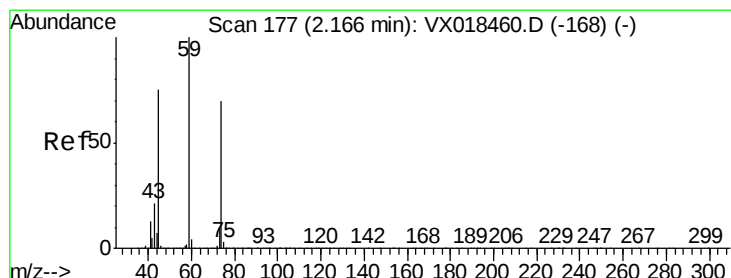
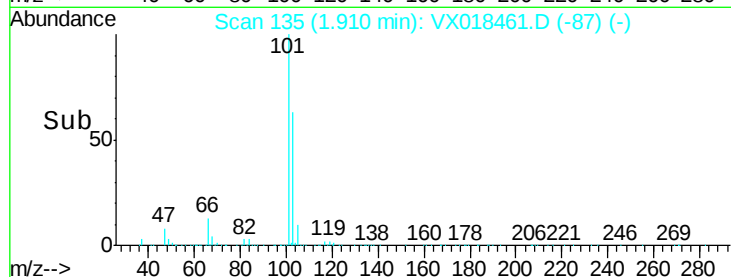
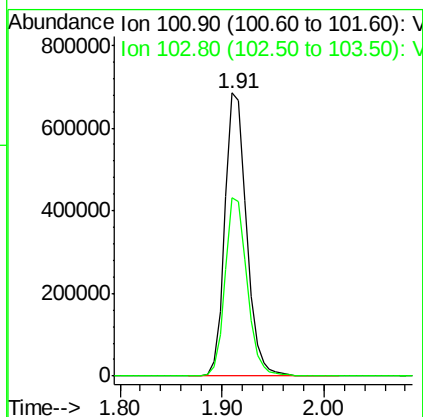
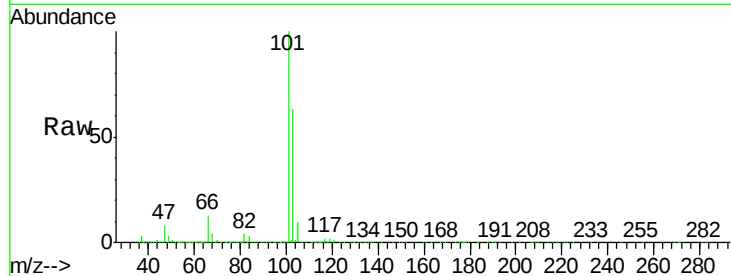
Trichlorofluoromethane
Concen: 99.878 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:101 Resp: 1008876
Ion Ratio Lower Upper
101 100
103 63.1 49.6 74.4

Manual Integrations
APPROVED

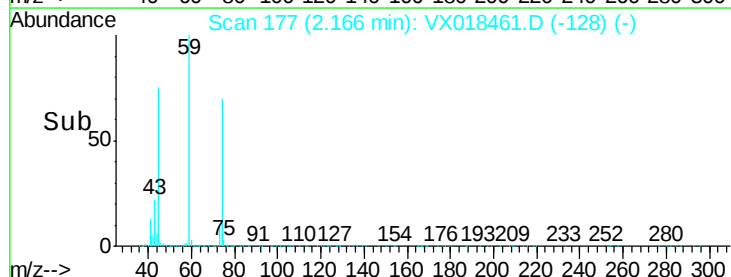
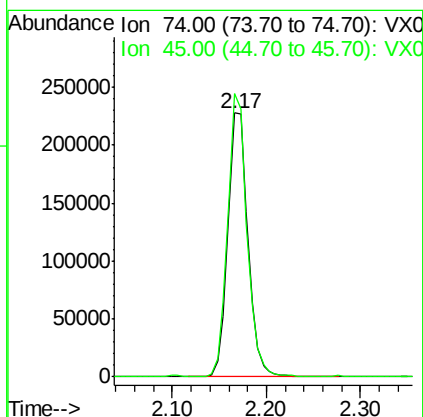
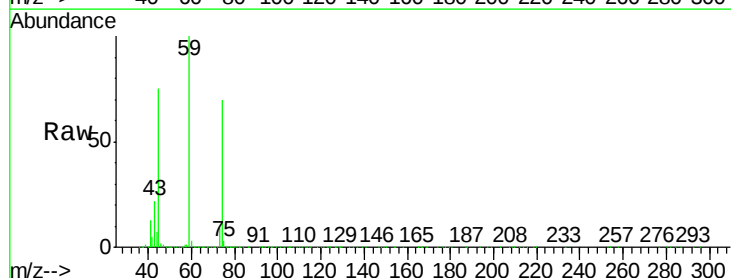
MMDadoda
9/18/2020 12:19:41 PM

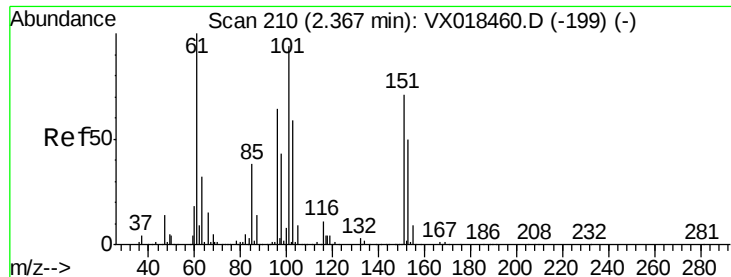


#8

Diethyl Ether
Concen: 98.762 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion: 74 Resp: 339238
Ion Ratio Lower Upper
74 100
45 102.8 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.731 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

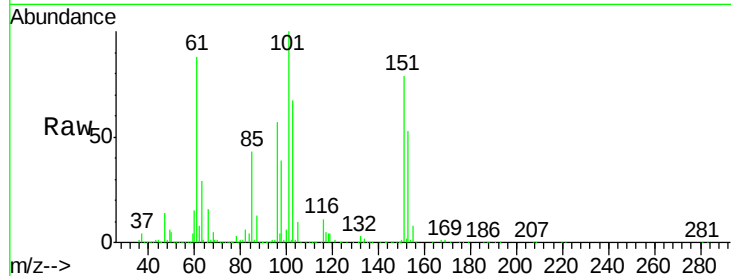
ClientSampleId :

VSTDIC100

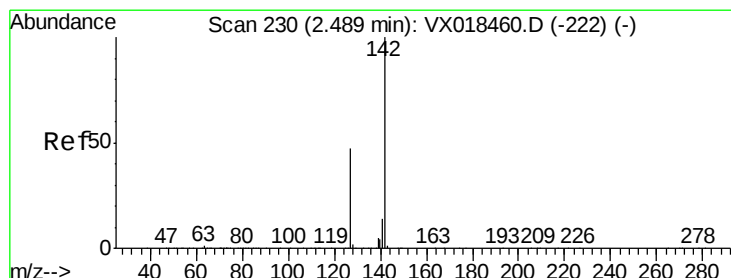
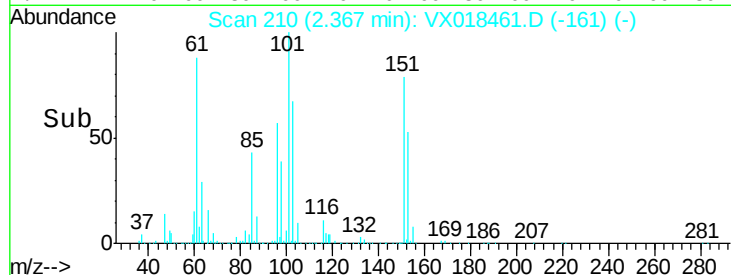
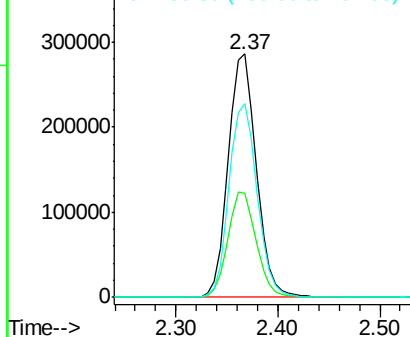
Tot Ion:	101	Resp:	547160
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.7	52.1
151	79.6	64.9	97.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 132.912 ug/l

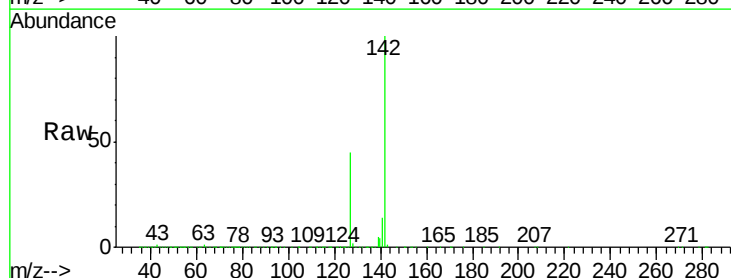
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

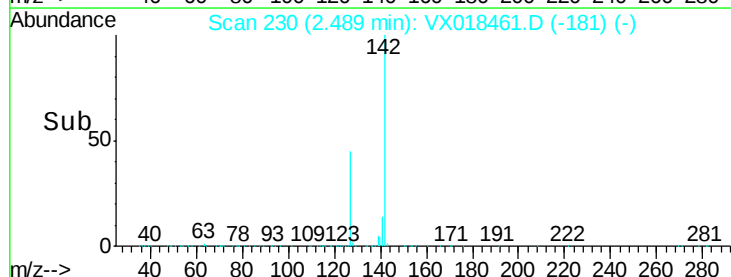
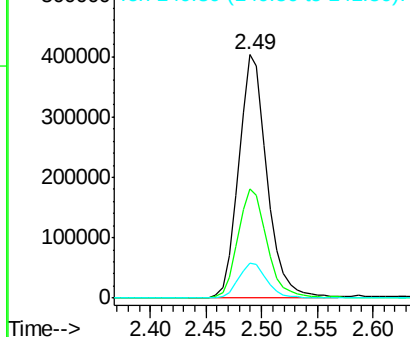
Lab File: VX018461.D

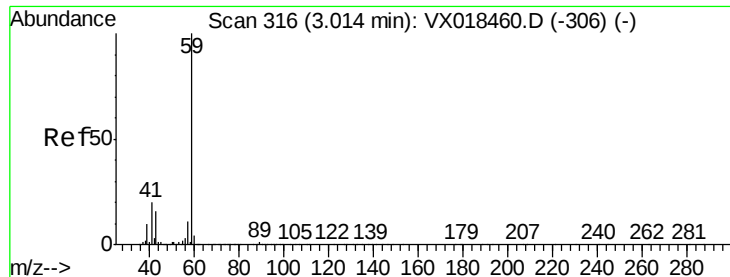
Acq: 17 Sep 2020 11:29

Tgt Ion:	142	Resp:	712027
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.0	54.0
141	14.6	11.9	17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





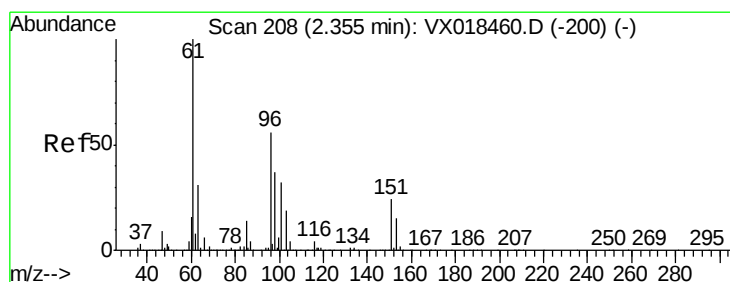
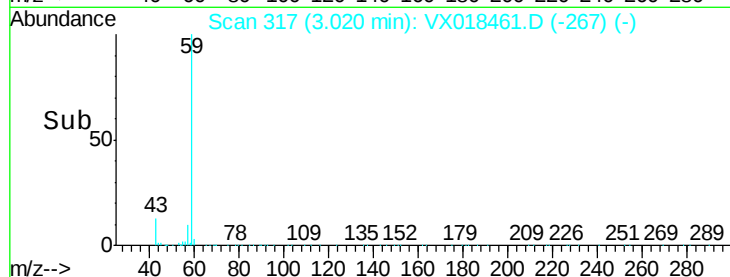
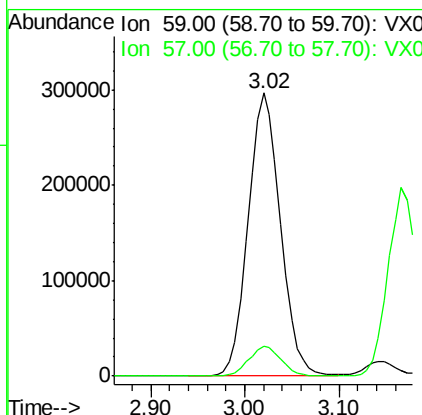
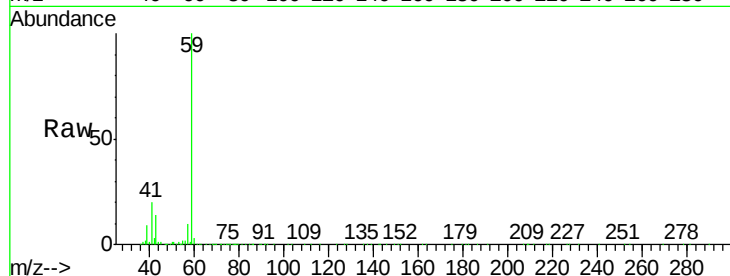
#11
Tert butyl alcohol
Concen: 461.885 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 711673
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

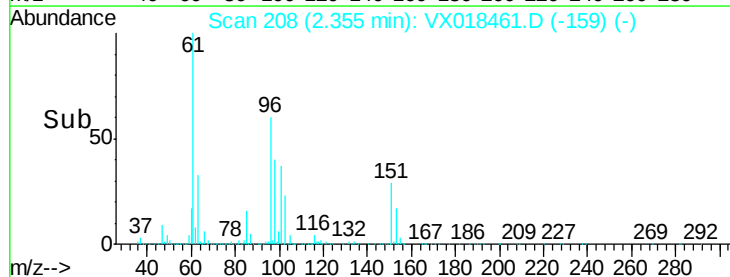
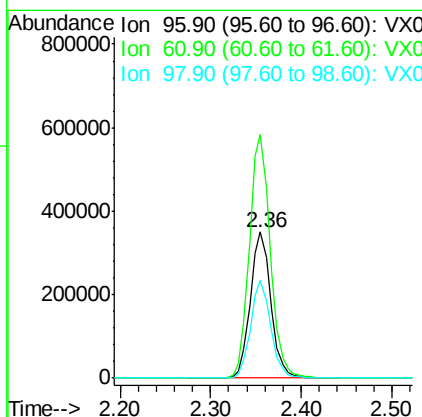
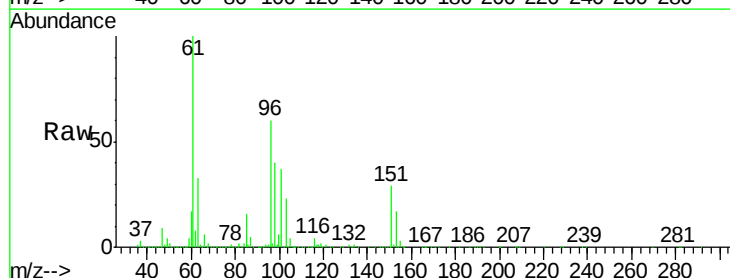
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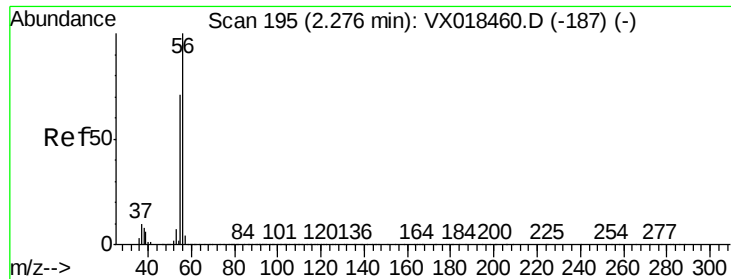
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#12
1,1-Dichloroethene
Concen: 96.540 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion: 96 Resp: 547336
Ion Ratio Lower Upper
96 100
61 166.7 142.2 213.4
98 66.5 52.4 78.6





#13

Acrolein

Concen: 657.627 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 458912

Ion Ratio Lower Upper

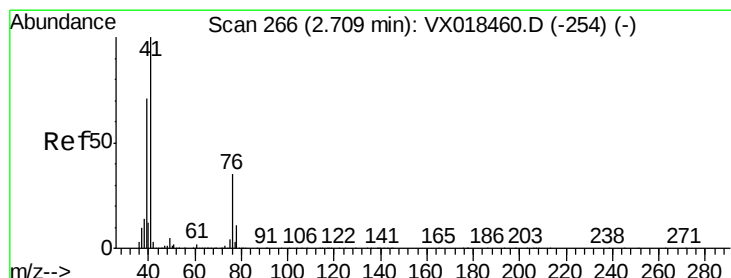
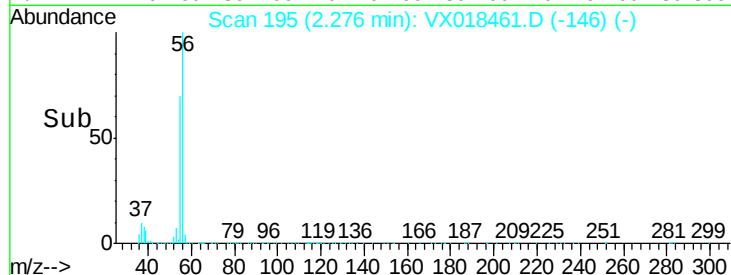
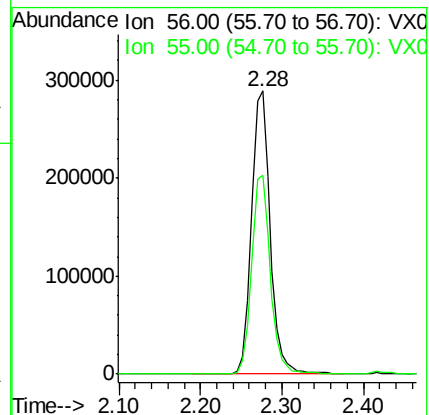
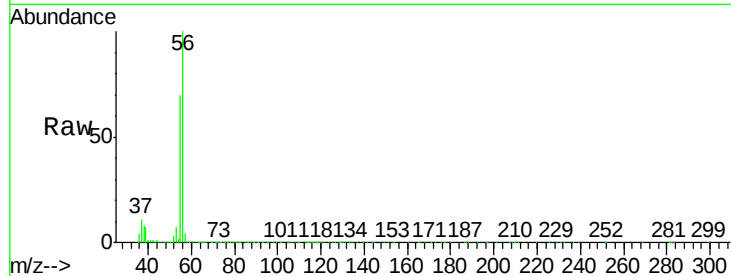
56 100

55 70.2 58.2 87.4

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#14

Allyl chloride

Concen: 103.326 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

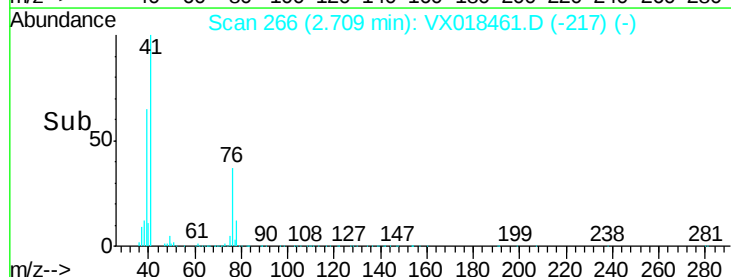
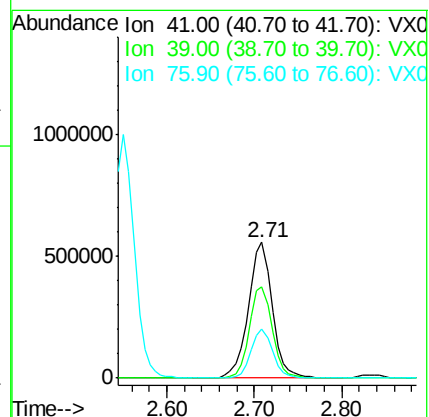
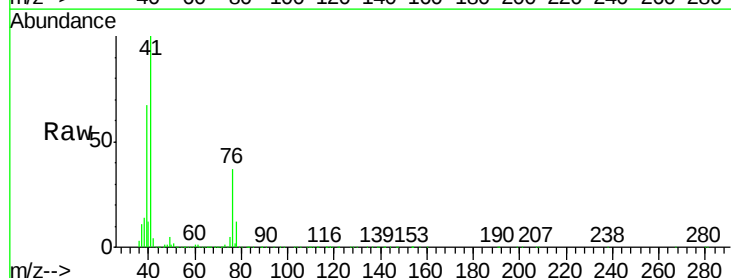
Tgt Ion: 41 Resp: 1058363

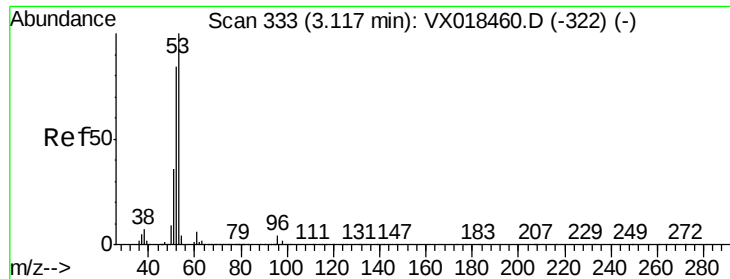
Ion Ratio Lower Upper

41 100

39 64.4 51.1 76.7

76 32.9 26.0 39.0





#15

Acrylonitrile

Concen: 484.220 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 1716981

Ion Ratio Lower Upper

53 100

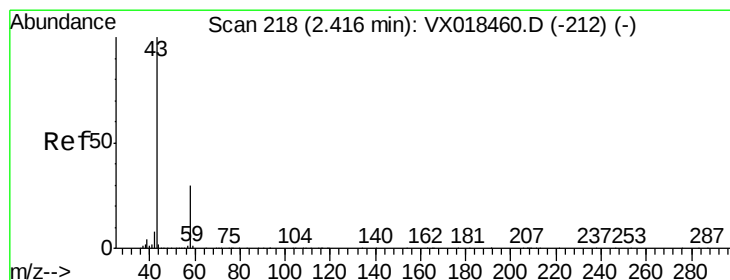
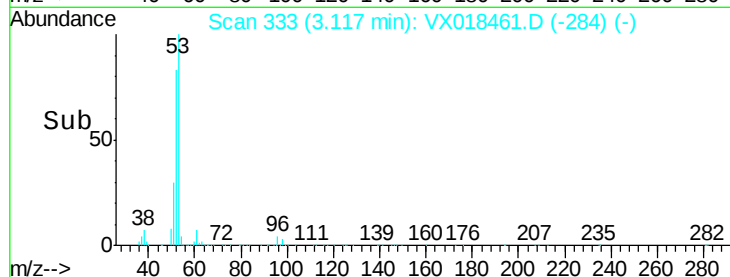
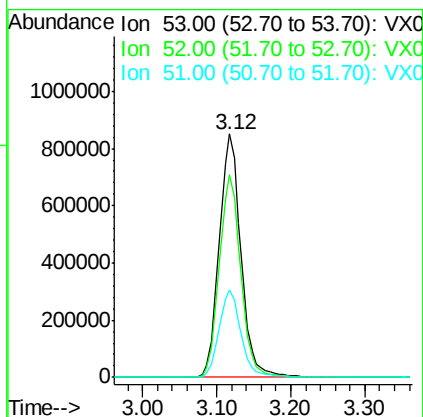
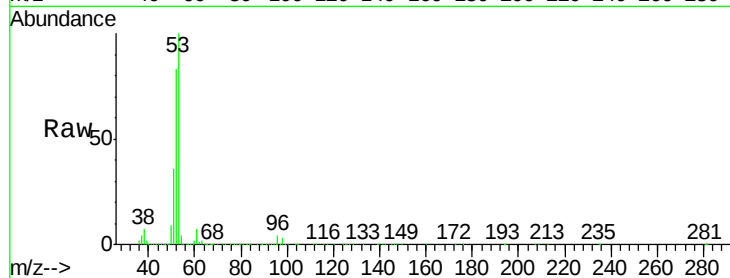
52 82.7 65.8 98.8

51 36.2 29.2 43.8

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#16

Acetone

Concen: 473.329 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018461.D

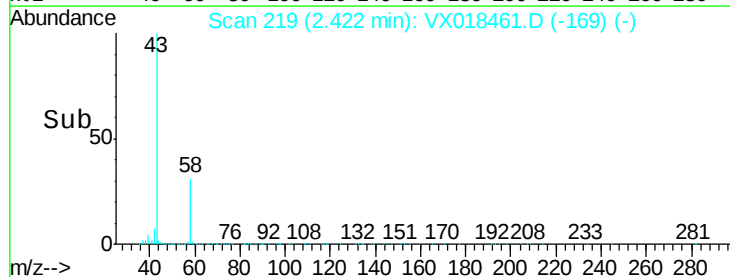
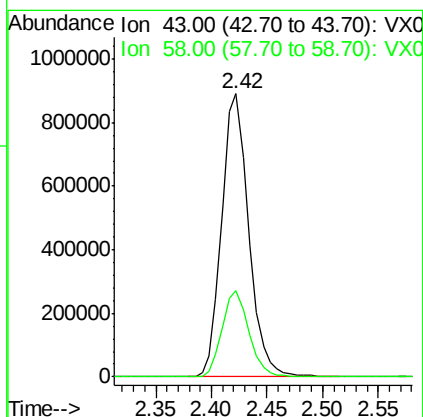
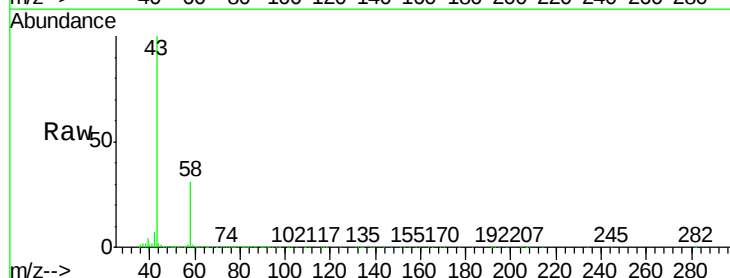
Acq: 17 Sep 2020 11:29

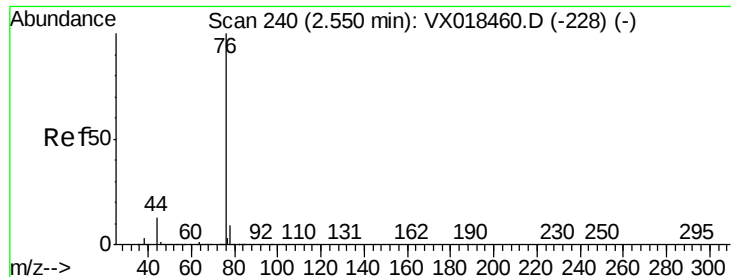
Tgt Ion: 43 Resp: 1490622

Ion Ratio Lower Upper

43 100

58 30.6 24.0 36.0





#17

Carbon Disulfide

Concen: 95.370 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 1638859

Ion Ratio Lower Upper

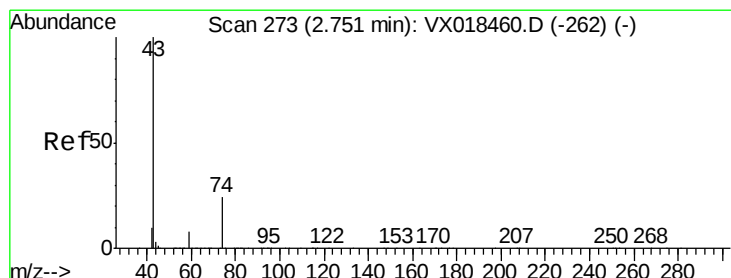
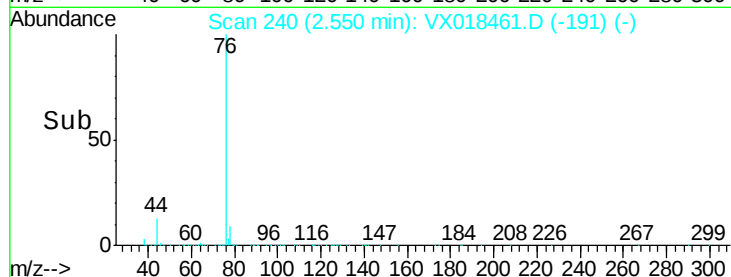
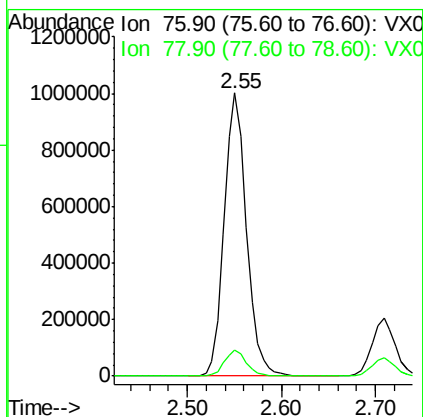
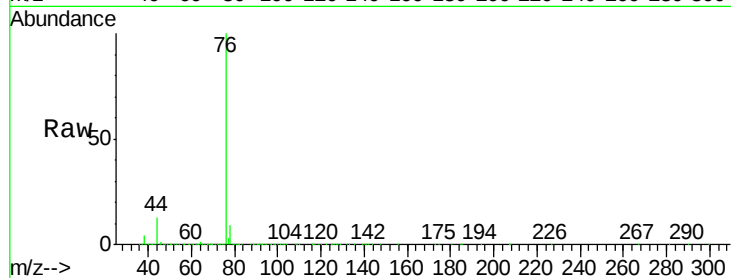
76 100

78 9.3 7.0 10.4

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#18

Methyl Acetate

Concen: 101.001 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018461.D

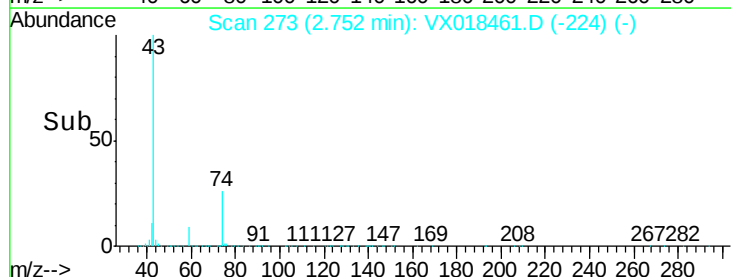
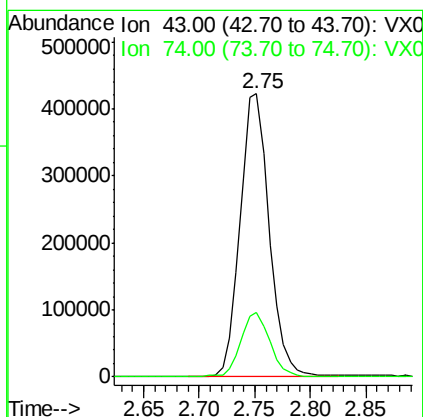
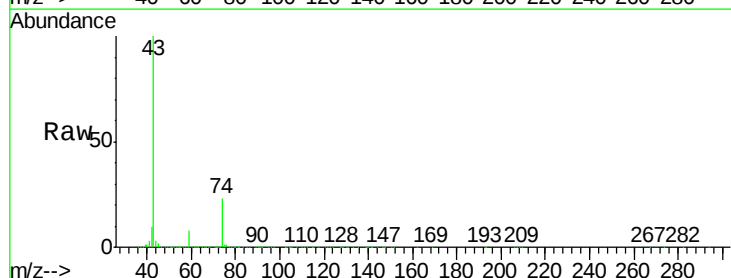
Acq: 17 Sep 2020 11:29

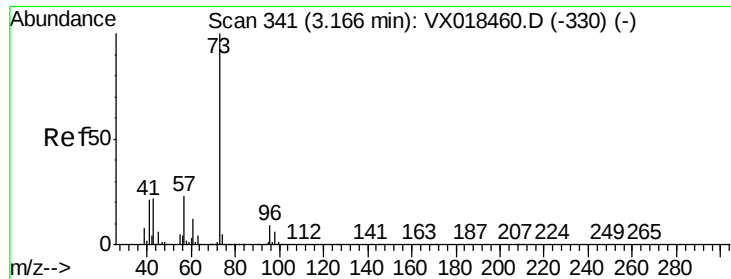
Tgt Ion: 43 Resp: 768398

Ion Ratio Lower Upper

43 100

74 23.1 18.3 27.5





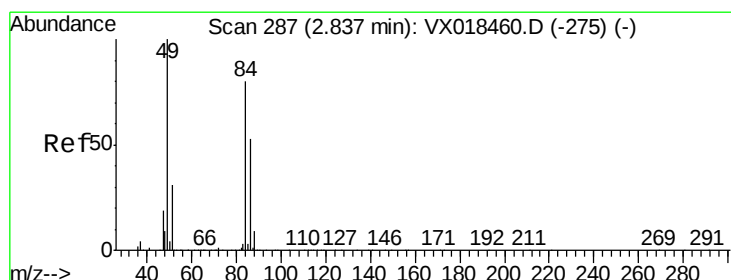
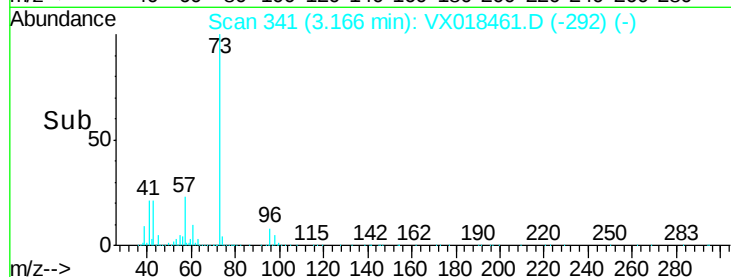
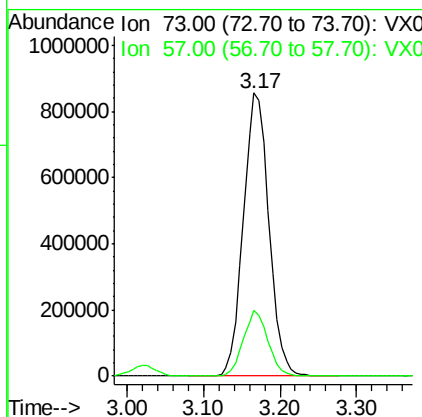
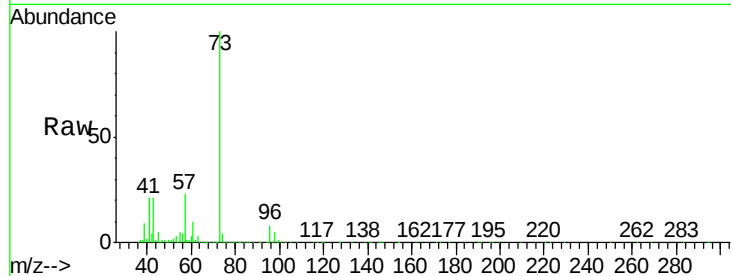
#19
Methvl tert-butvl Ether
Concen: 101.882 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1987314
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0

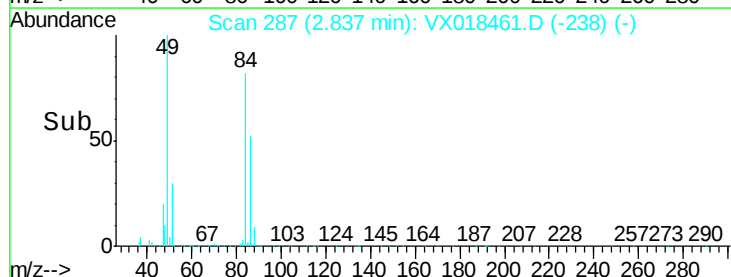
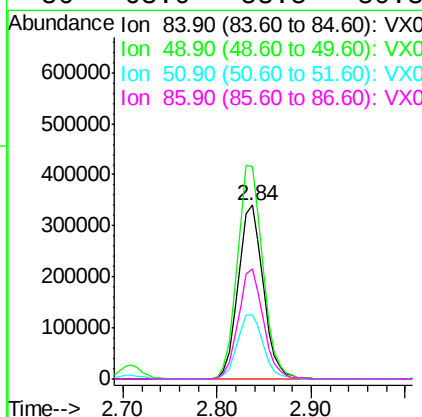
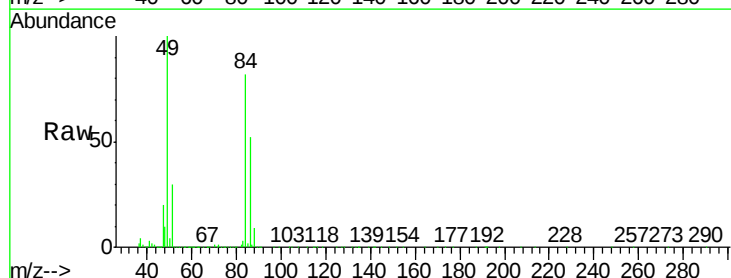
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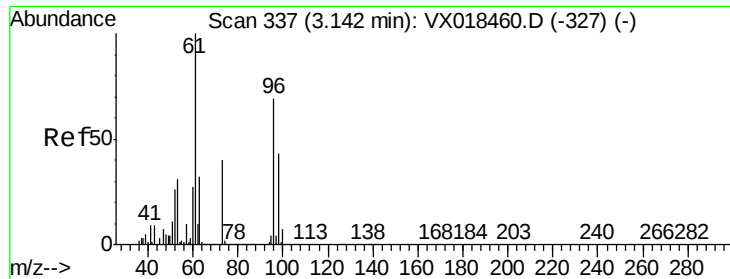
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#20
Methylene Chloride
Concen: 89.649 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion: 84 Resp: 635404
Ion Ratio Lower Upper
84 100
49 122.2 100.6 151.0
51 36.9 30.9 46.3
86 63.0 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 98.394 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 621069

Ion Ratio Lower Upper

96 100

61 147.1 115.6 173.4

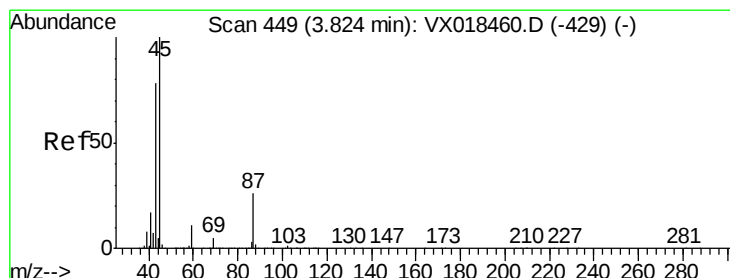
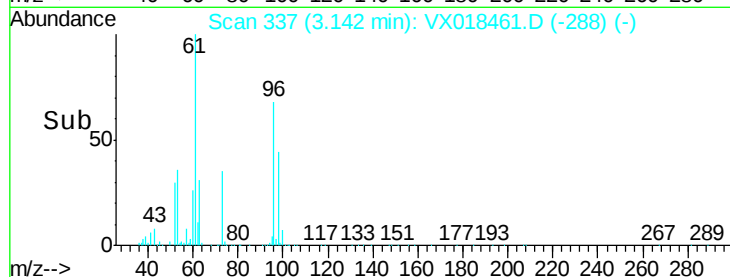
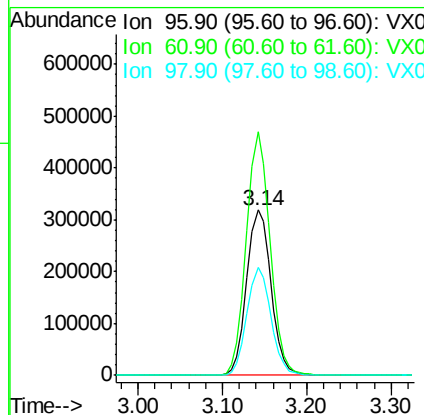
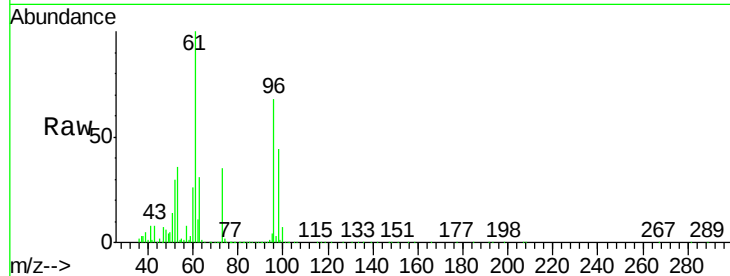
98 65.3 50.2 75.4

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#22

Diisopropyl ether

Concen: 100.260 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Tgt Ion: 45 Resp: 2018795

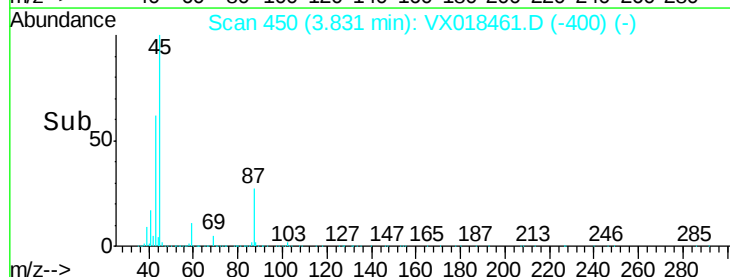
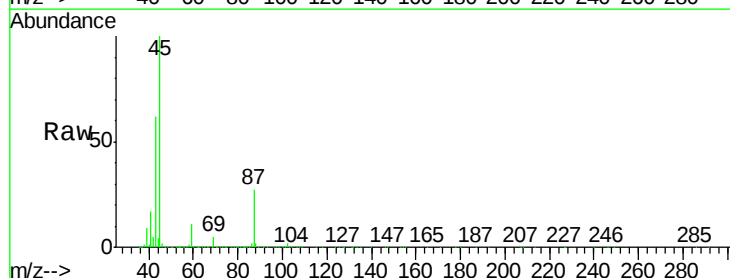
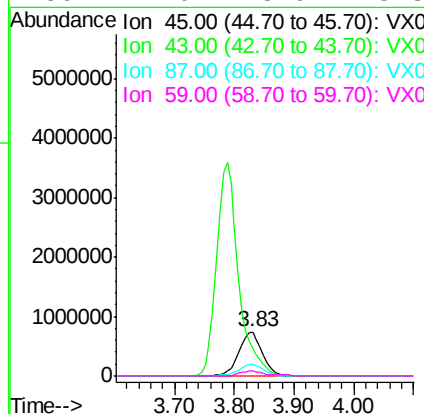
Ion Ratio Lower Upper

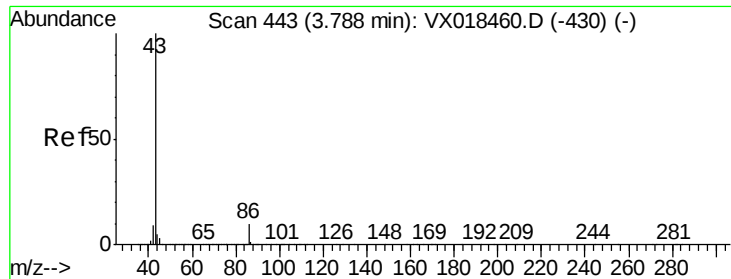
45 100

43 61.7 62.4 93.6#

87 27.3 21.2 31.8

59 11.0 8.9 13.3





#23

Vinyl Acetate

Concen: 511.688 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Tot Ion: 43 Resp: 9163828

Ion Ratio Lower Upper

43 100

86 9.7 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

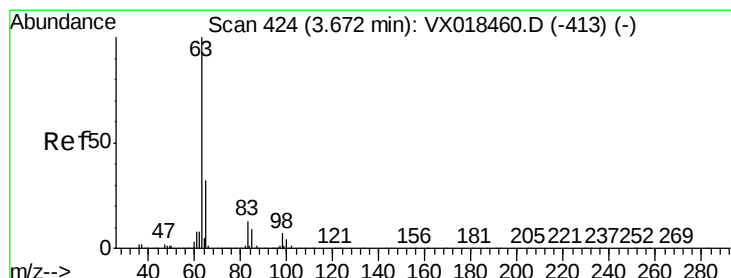
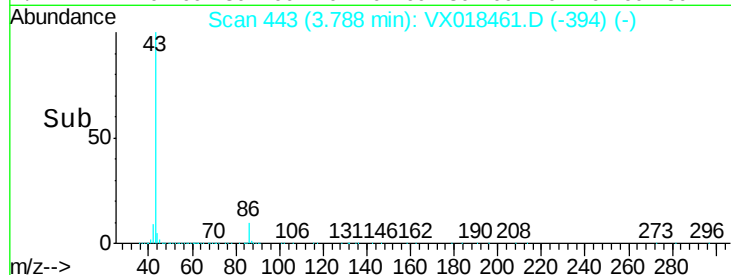
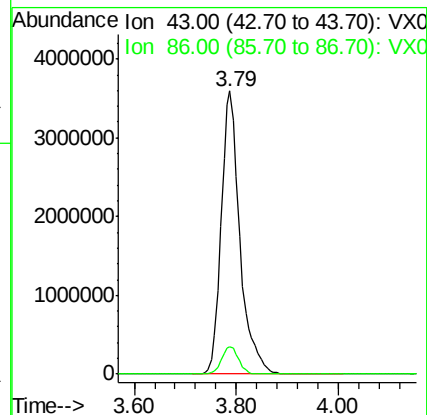
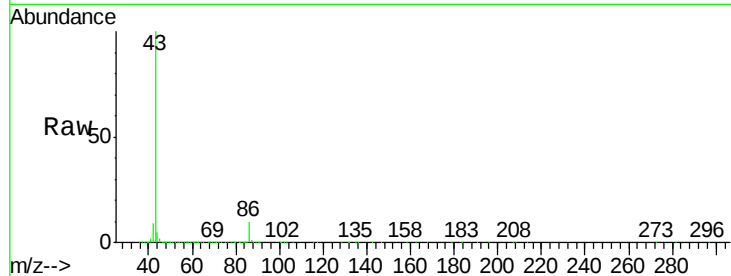
VSTDIC100

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#24

1,1-Dichloroethane

Concen: 99.859 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

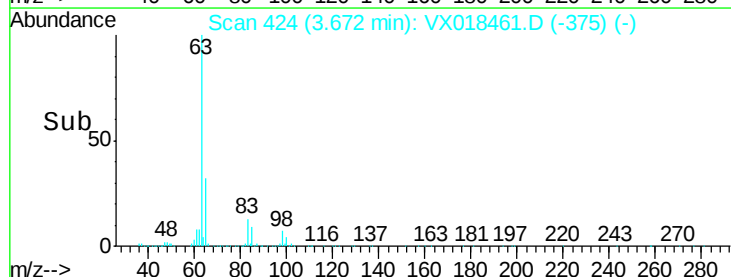
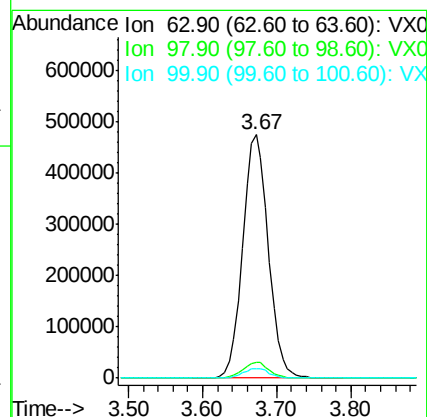
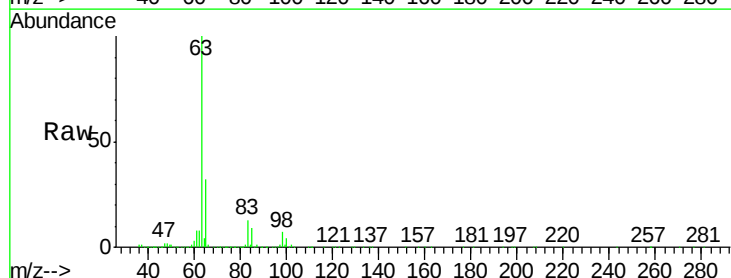
Tgt Ion: 63 Resp: 1142095

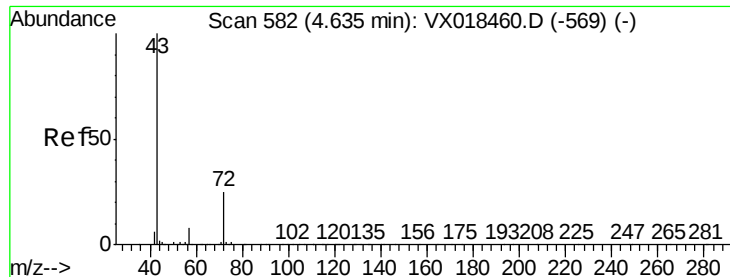
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 4.0 1.9 5.7





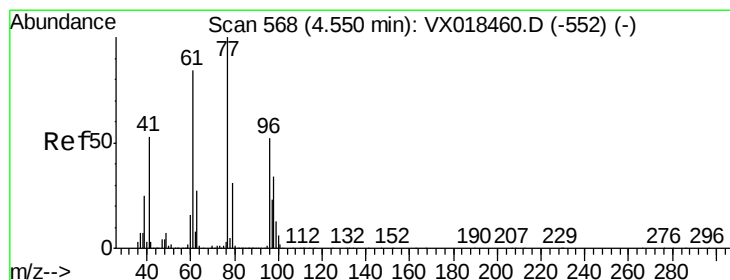
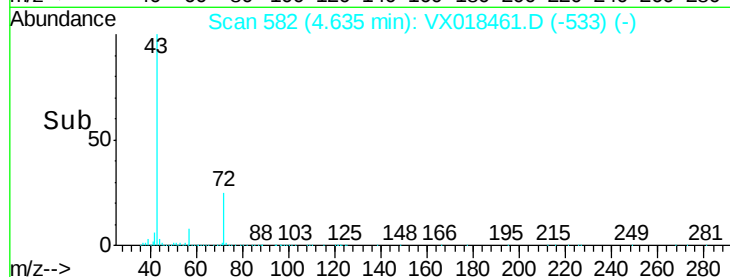
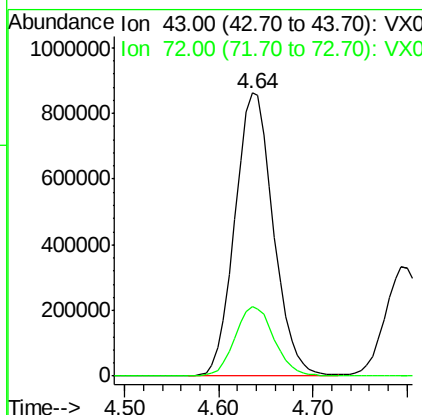
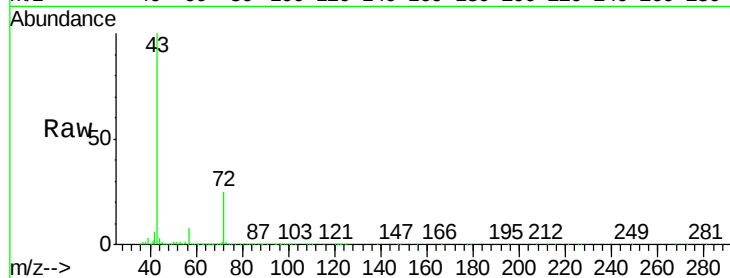
#25
2-Butanone
Concen: 479.200 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2457361
Ion Ratio Lower Upper
43 100
72 24.5 20.2 30.4

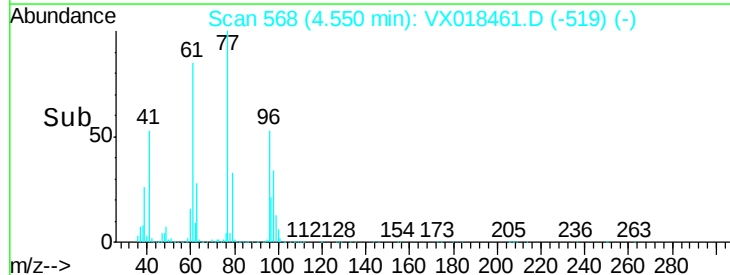
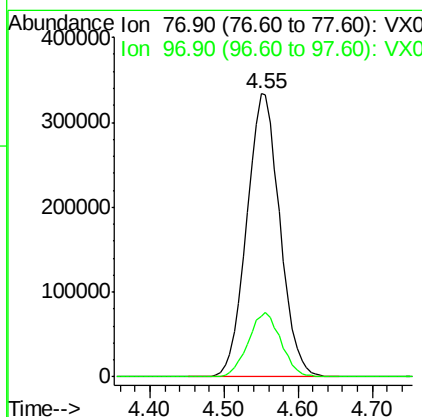
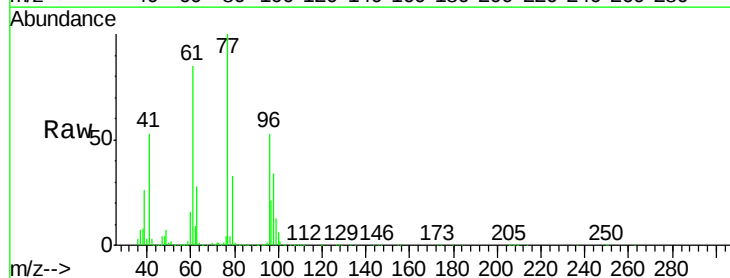
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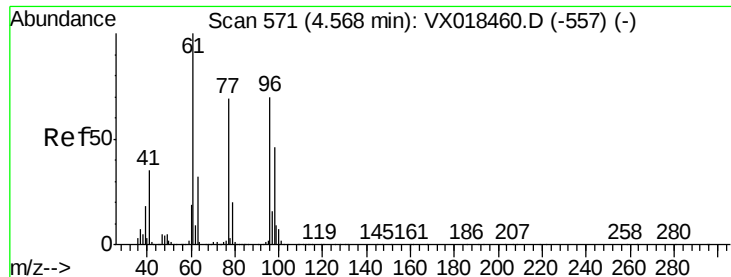
MMDadoda
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#26
2,2-Dichloropropane
Concen: 109.303 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion: 77 Resp: 1041018
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5





#27

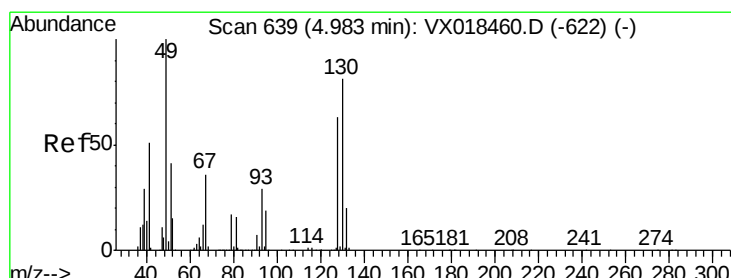
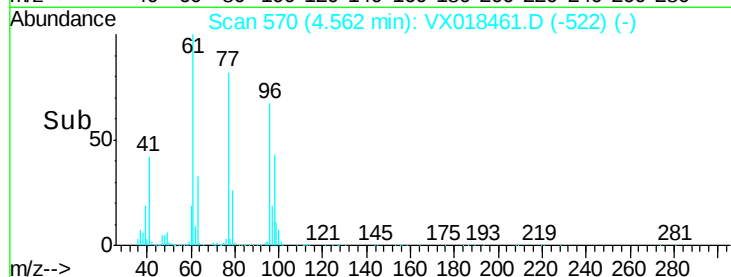
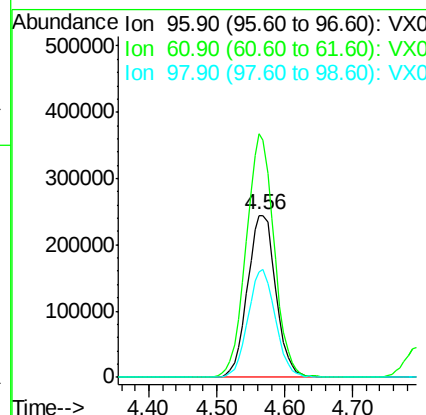
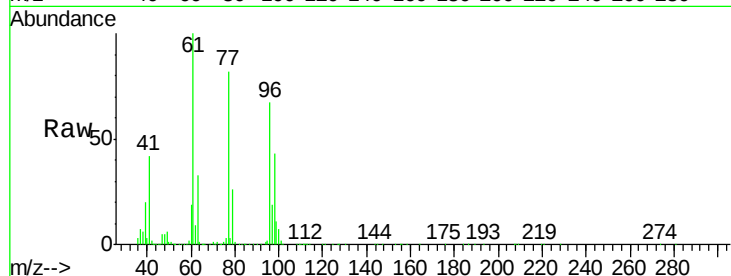
cis-1,2-Dichloroethene
Concen: 97.523 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.5	0.0	300.0	
98	64.6	0.0	130.4	

Manual Integrations
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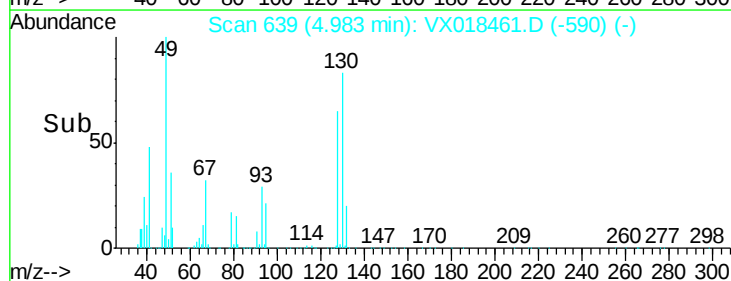
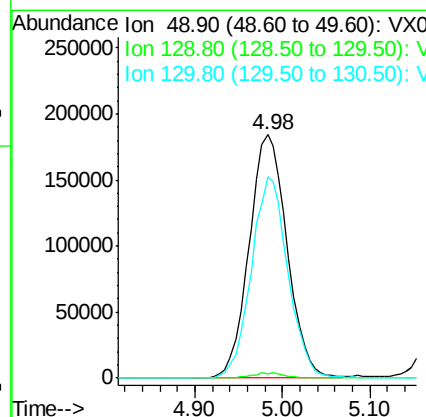
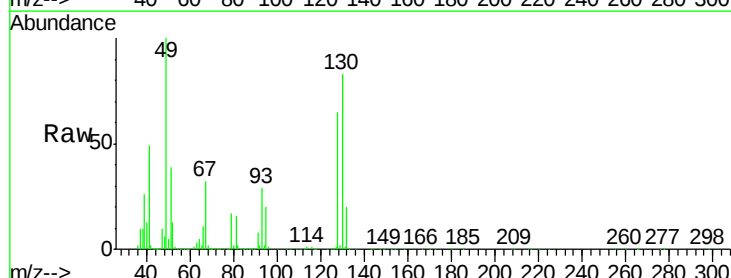
MMDadoda
9/18/2020 12:19:41 PM

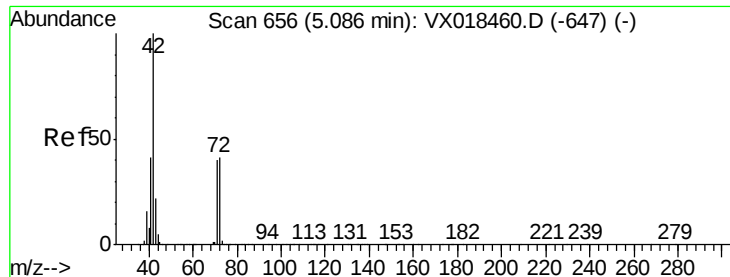


#28

Bromochloromethane
Concen: 99.831 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.6	
130	80.1	65.0	97.4	





#29

Tetrahydrofuran

Concen: 485.699 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 42 Resp: 1581165

Ion Ratio Lower Upper

42 100

72 43.0 34.3 51.5

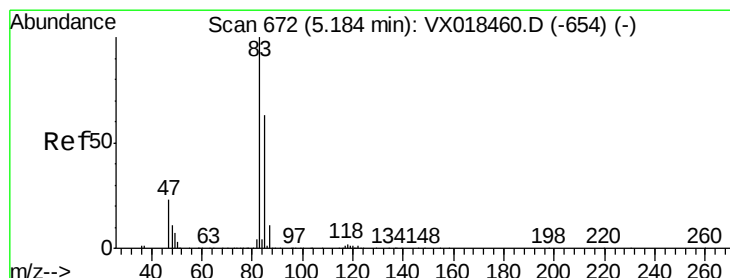
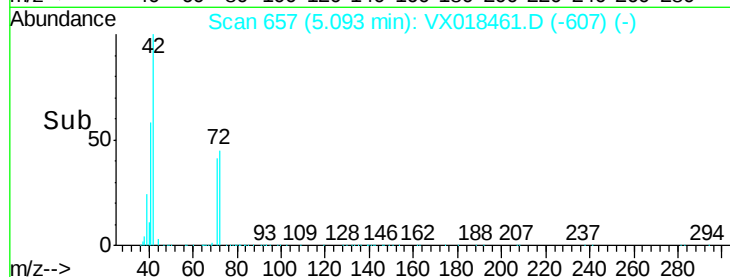
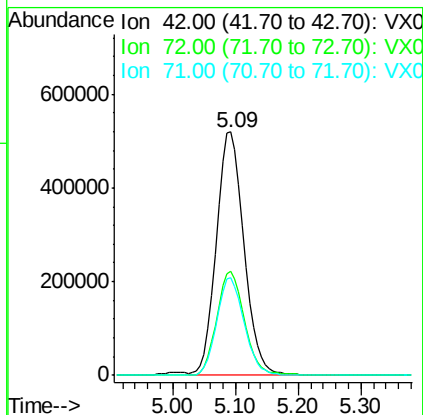
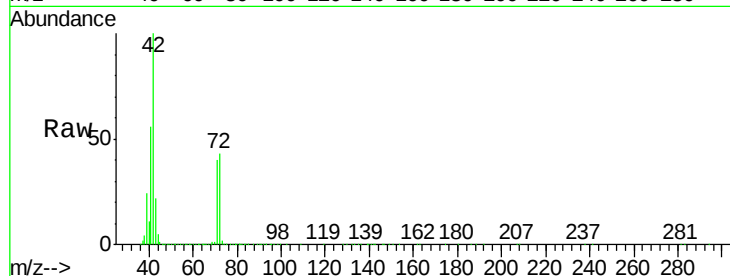
71 39.9 32.1 48.1

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#30

Chloroform

Concen: 99.444 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018461.D

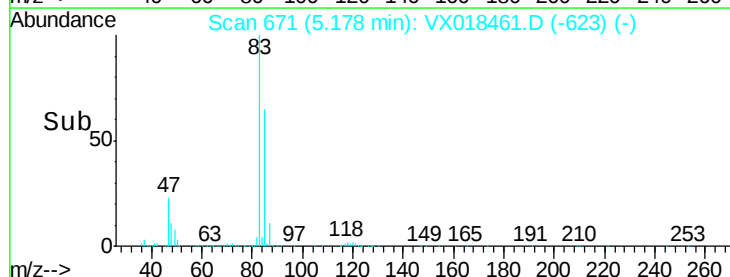
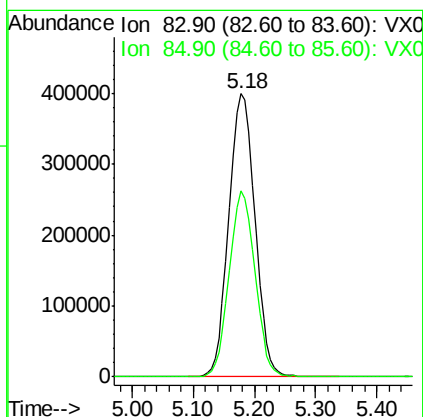
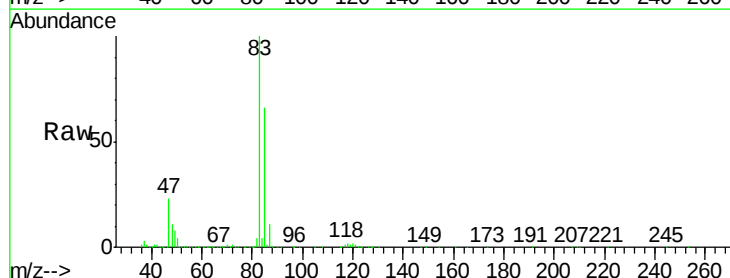
Acq: 17 Sep 2020 11:29

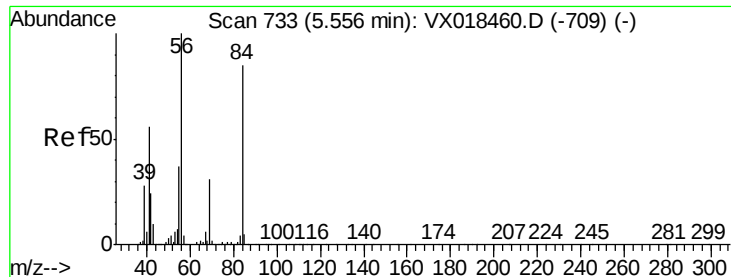
Tgt Ion: 83 Resp: 1178388

Ion Ratio Lower Upper

83 100

85 65.7 50.6 76.0





#31

Cyclohexane

Concen: 103.299 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 1000084

Ion Ratio Lower Upper

56 100

69 29.5 24.8 37.2

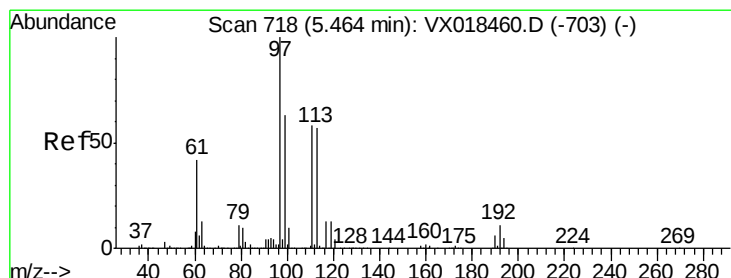
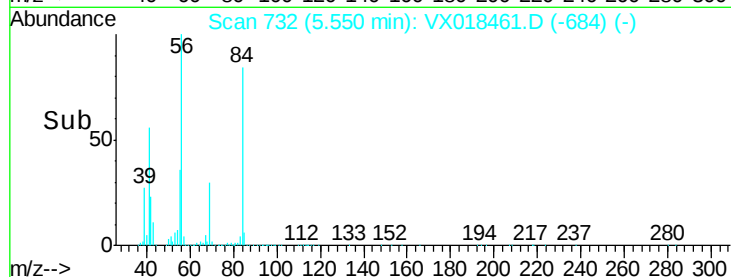
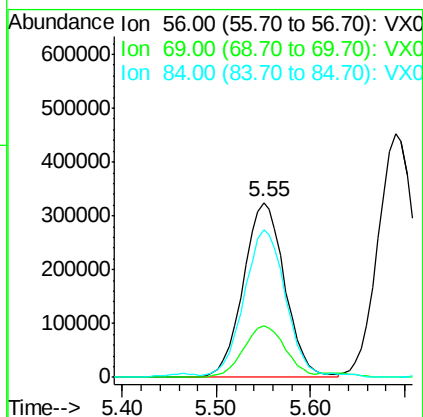
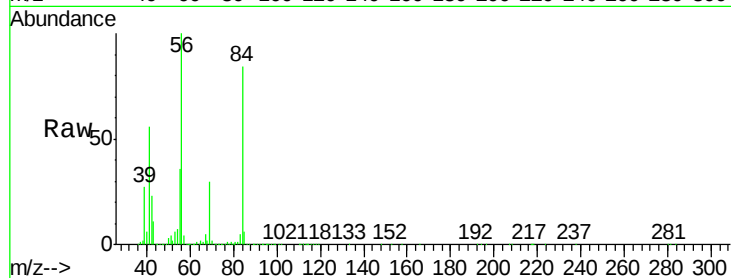
84 82.8 67.6 101.4

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 100.273 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

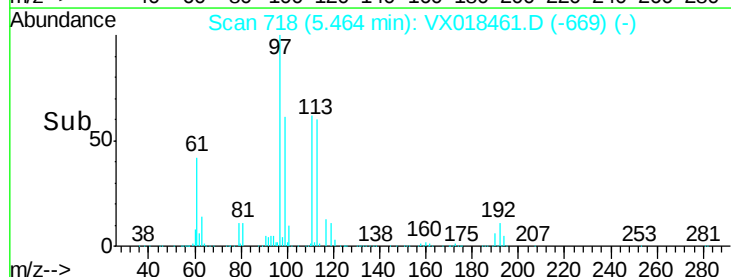
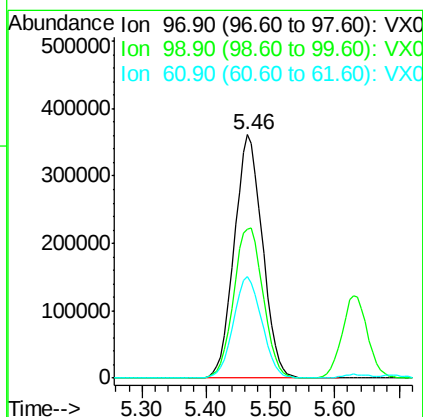
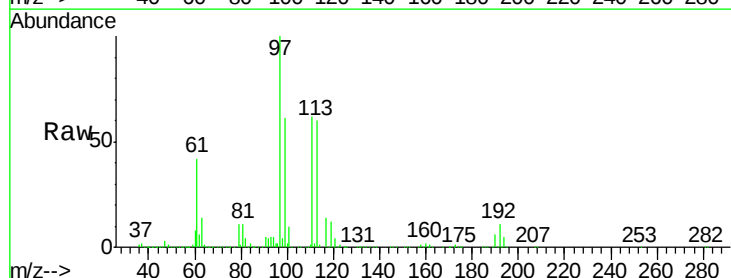
Tgt Ion: 97 Resp: 1095955

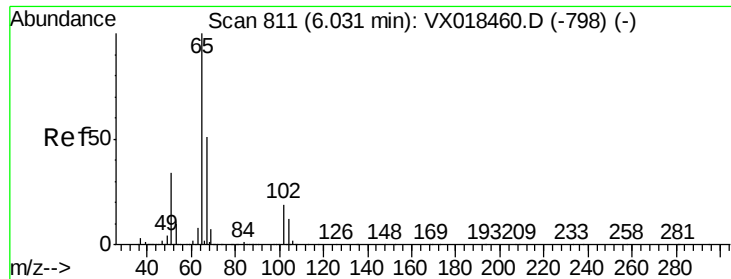
Ion Ratio Lower Upper

97 100

99 64.5 50.5 75.7

61 42.3 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 98.093 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Tot Ion: 65 Resp: 787572

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.6

Instrument :

MSVOA_X

ClientSampleId :

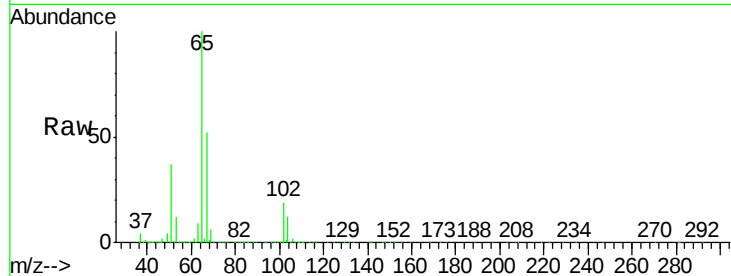
VSTDIC100

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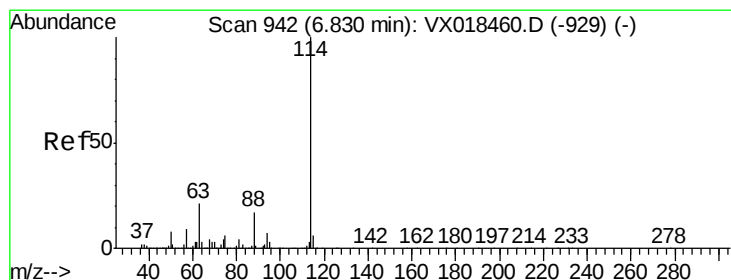
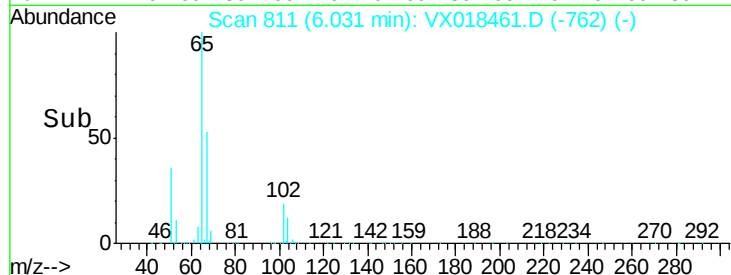
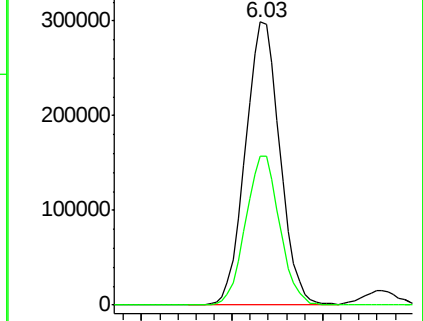
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

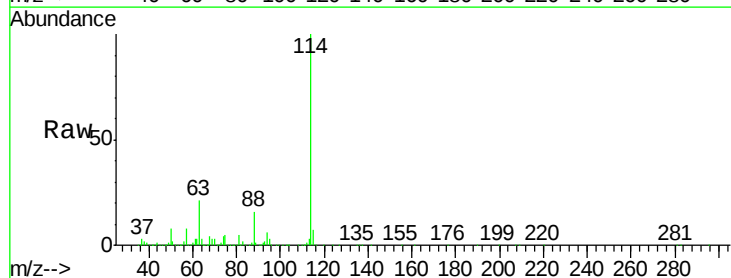
Tgt Ion: 114 Resp: 934121

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

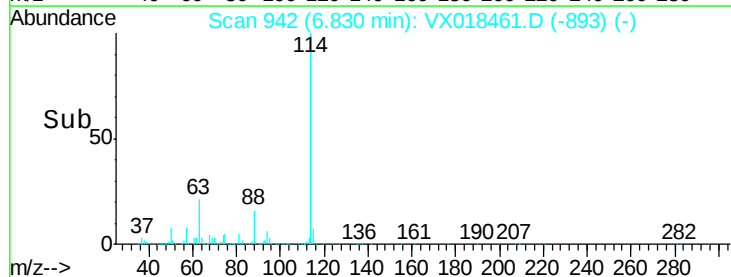
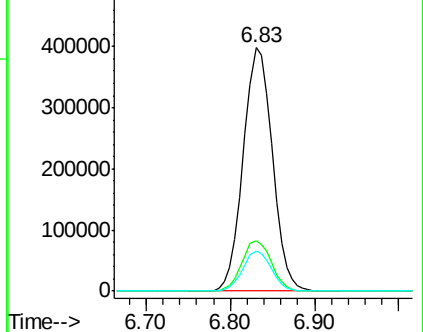
88 16.4 0.0 33.6

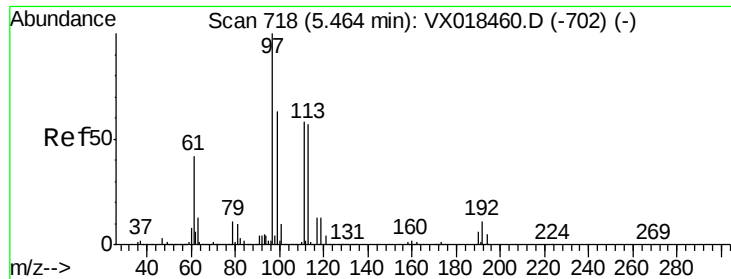


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 100.718 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

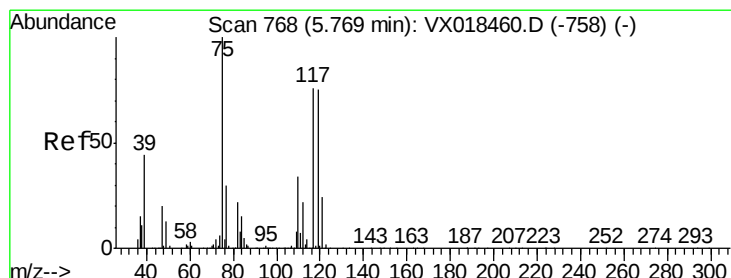
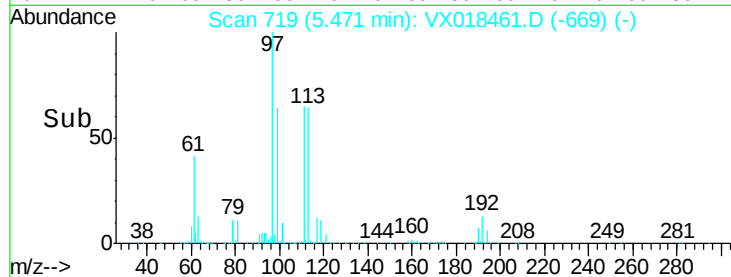
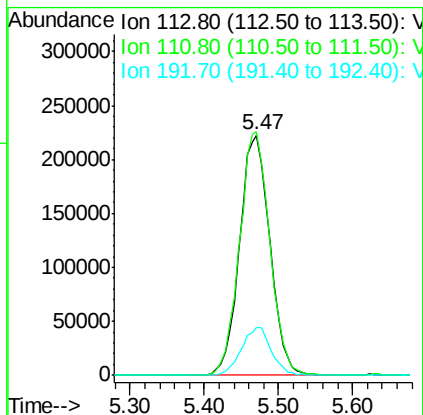
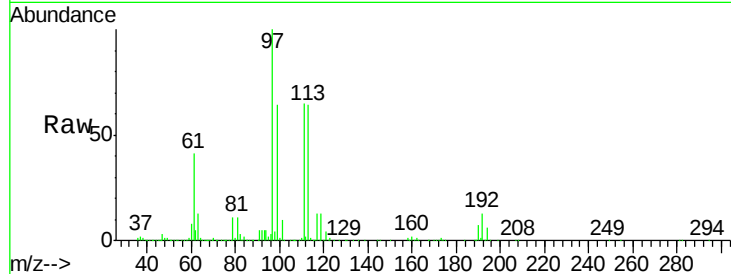
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	636486
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.4	122.2
192	19.7	16.6	24.8

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#36

1,1-Dichloropropene

Concen: 102.046 ug/l

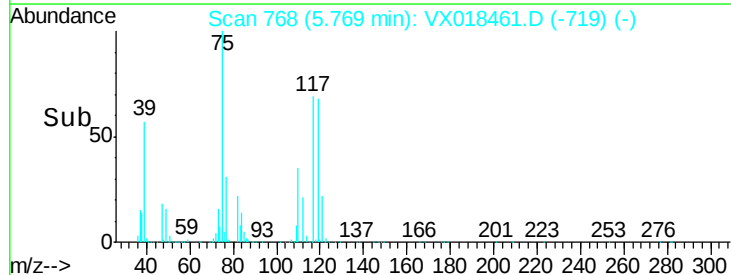
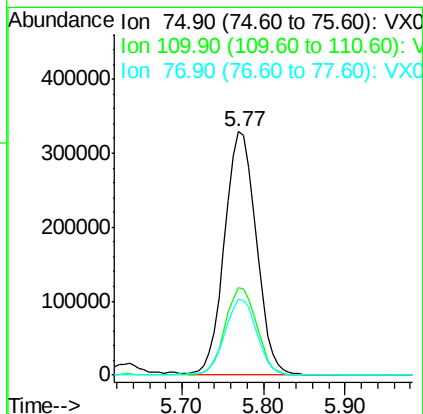
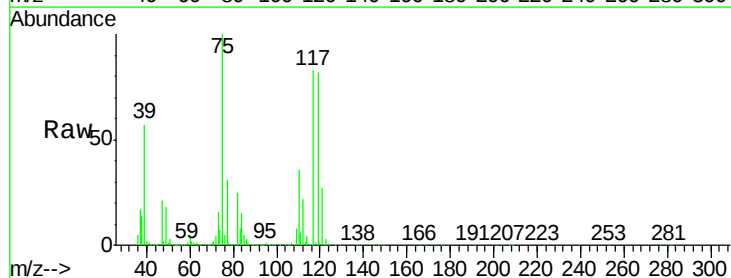
RT: 5.77 min Scan# 768

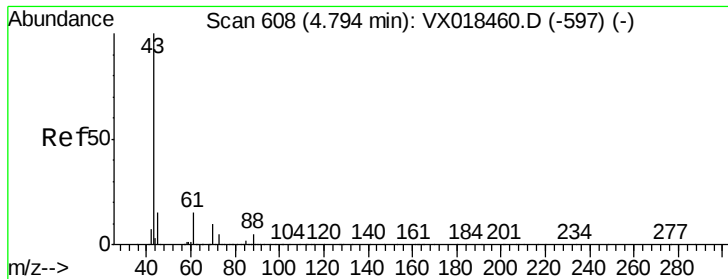
Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Tgt Ion:	75	Resp:	883907
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.6	52.8
77	31.8	25.0	37.6





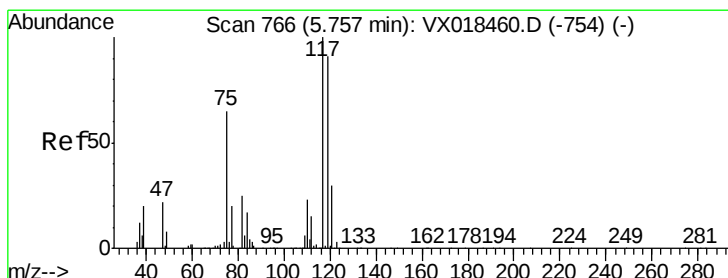
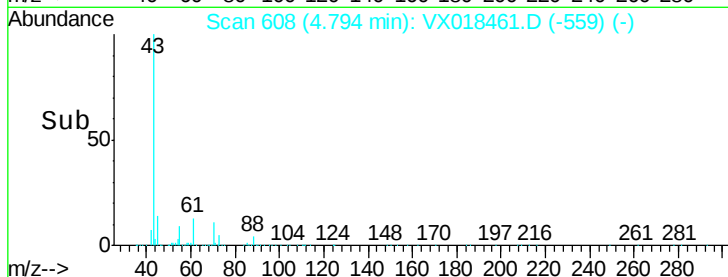
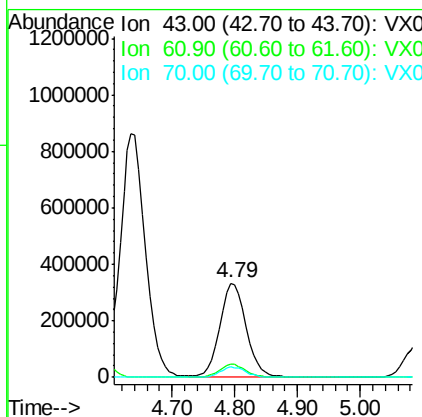
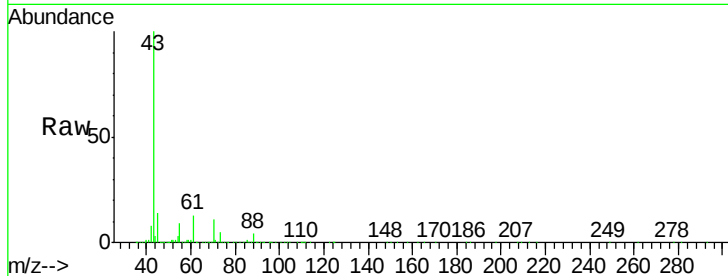
#37
Ethyl Acetate
Concen: 97.496 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	974247
Ion Ratio	100	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	10.7	8.3	12.5

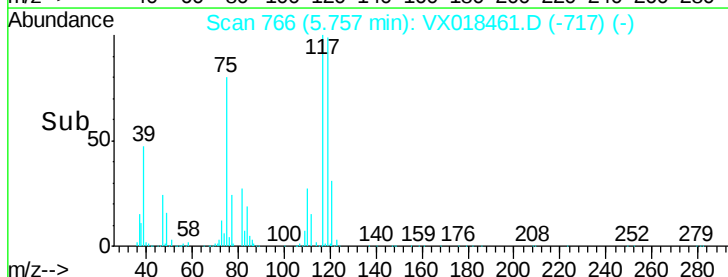
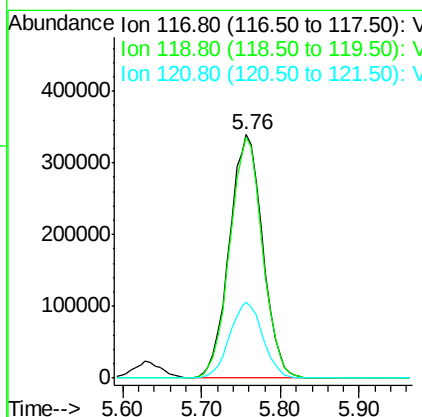
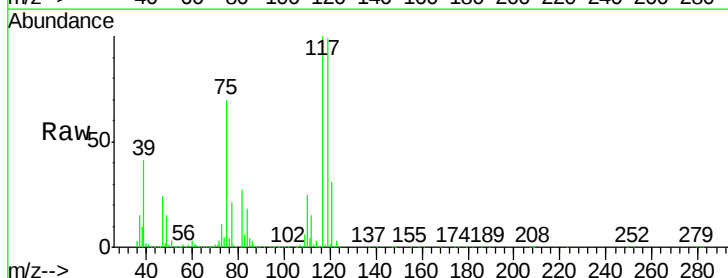
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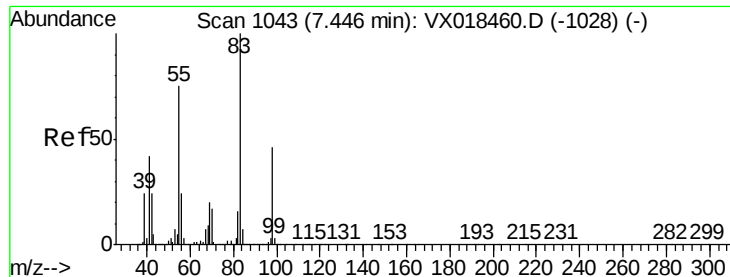
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#38
Carbon Tetrachloride
Concen: 101.504 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion	117	Resp	992375
Ion Ratio	100	Lower	Upper
117	100		
119	99.0	72.3	108.5
121	31.1	23.8	35.8





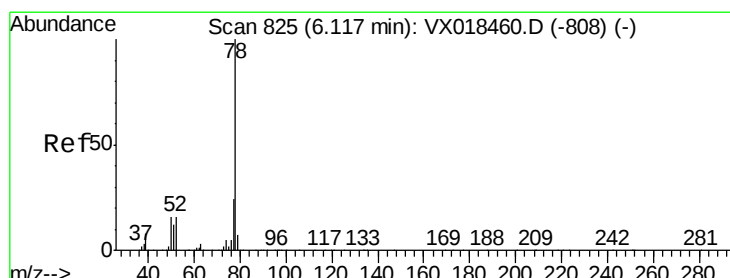
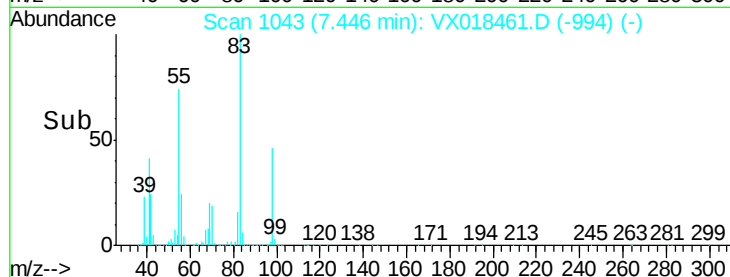
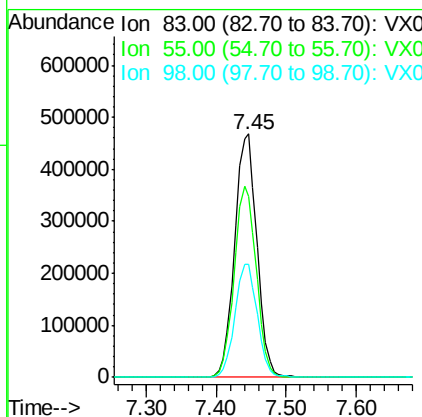
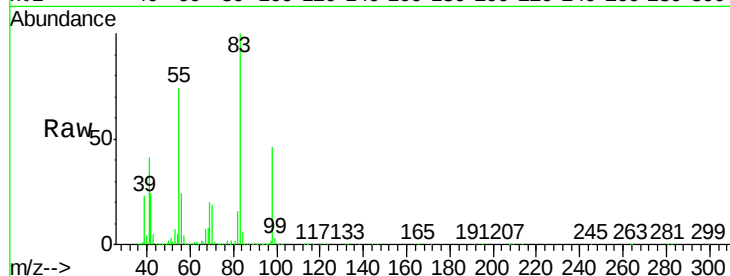
#39
Methvlcvclohexane
Concen: 108.571 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.2	90.4
98	46.5	36.4	54.6

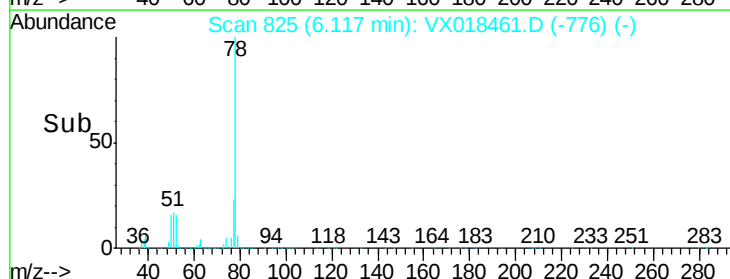
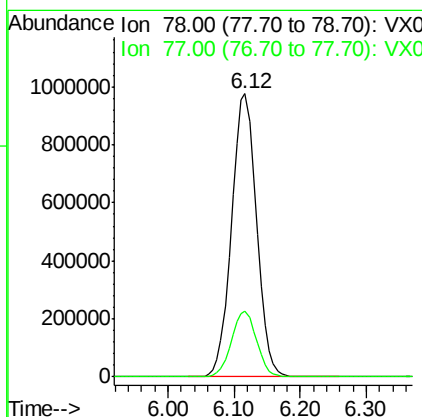
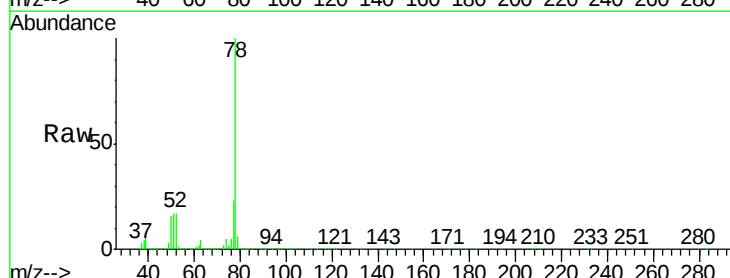
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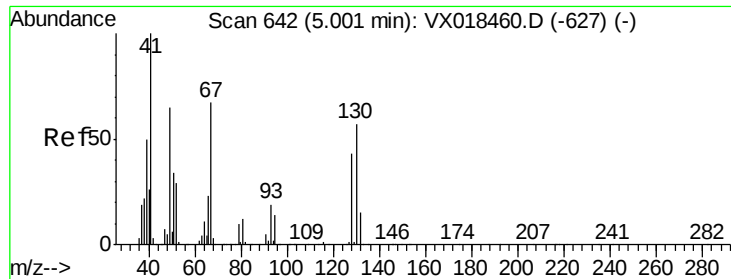
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#40
Benzene
Concen: 100.389 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





#41

Methacrylonitrile

Concen: 96.718 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

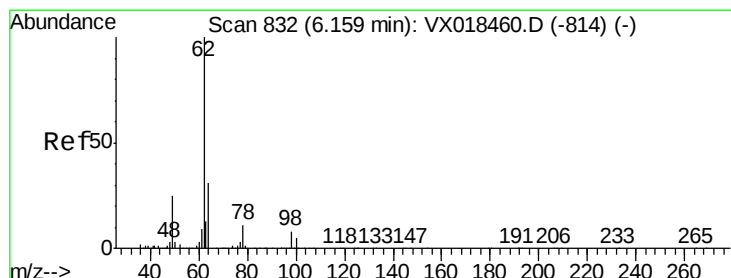
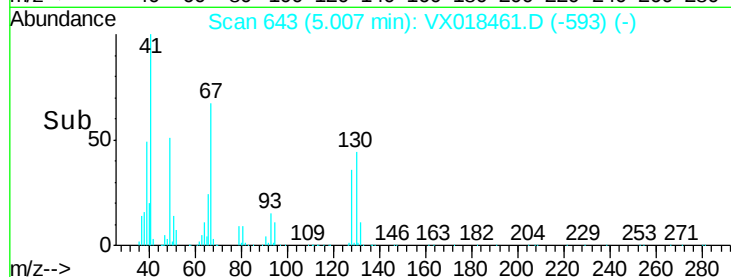
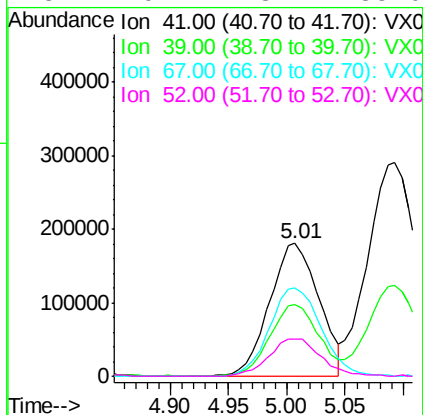
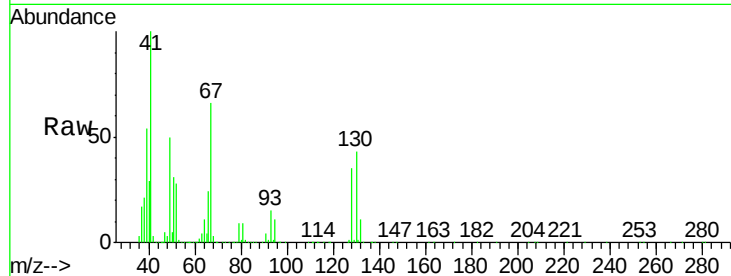
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	45.3	67.9	
67	70.4	56.7	85.1	
52	29.1	23.4	35.0	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 100.227 ug/l

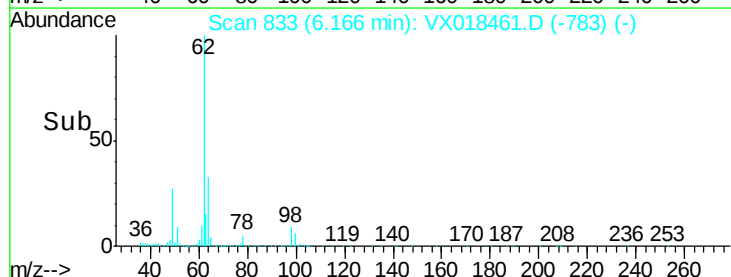
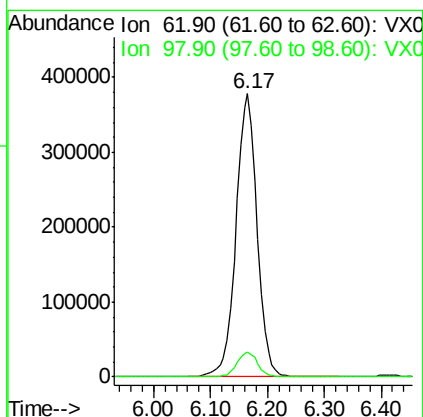
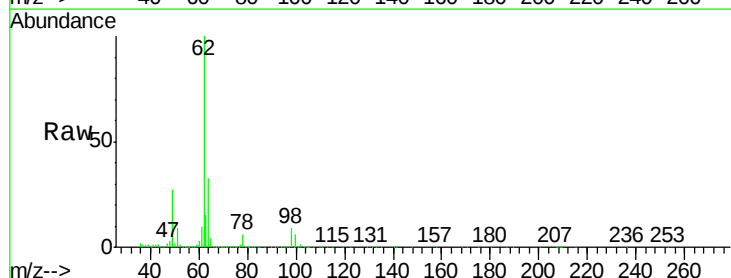
RT: 6.17 min Scan# 833

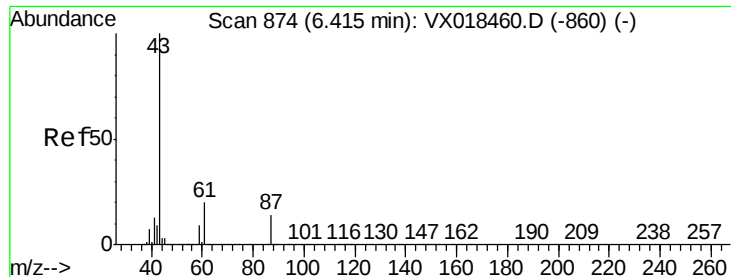
Delta R.T. 0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.6	





#43

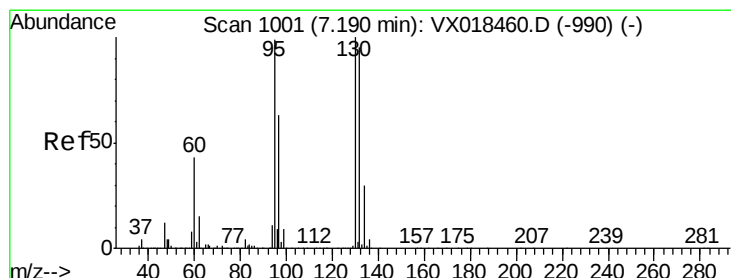
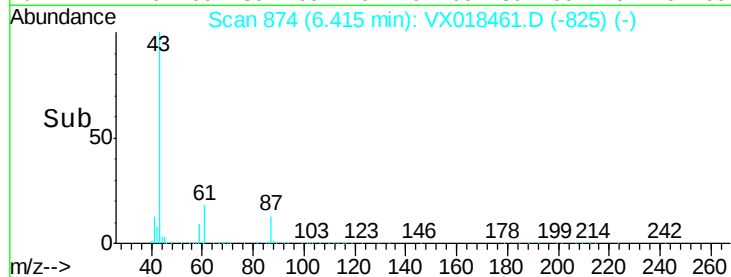
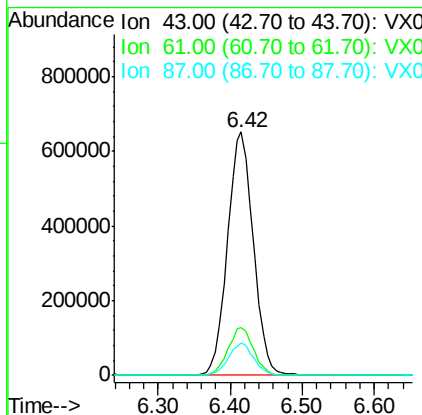
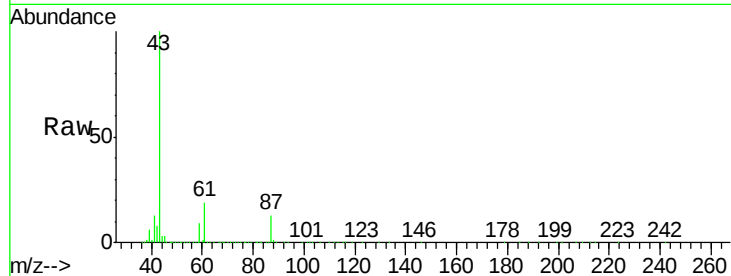
Isopropyl Acetate
 Concen: 100.469 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	13.0	10.4	15.6

Manual Integrations
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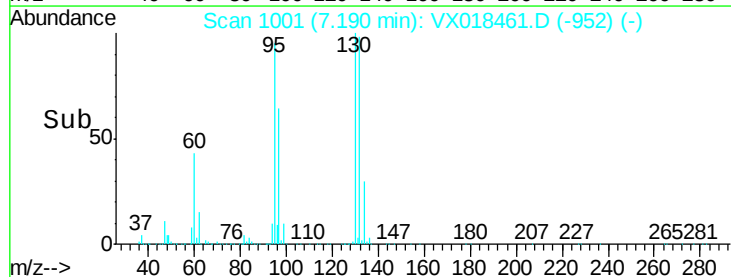
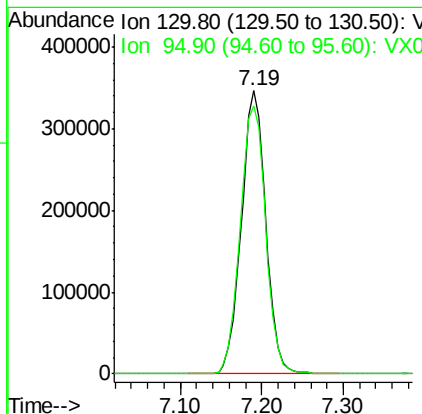
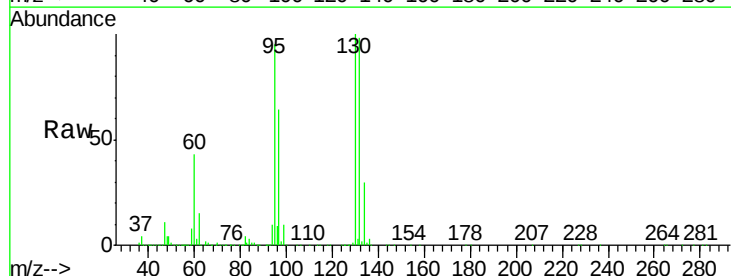
MMDadoda
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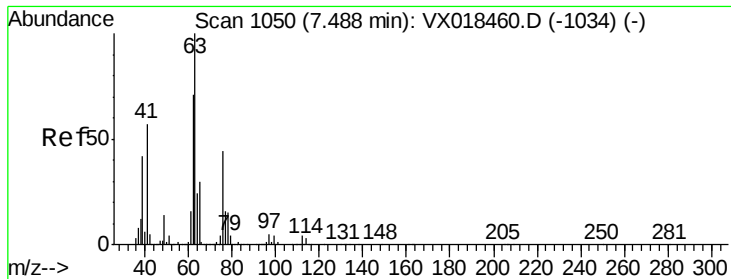


#44

Trichloroethene
 Concen: 99.640 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	197.4





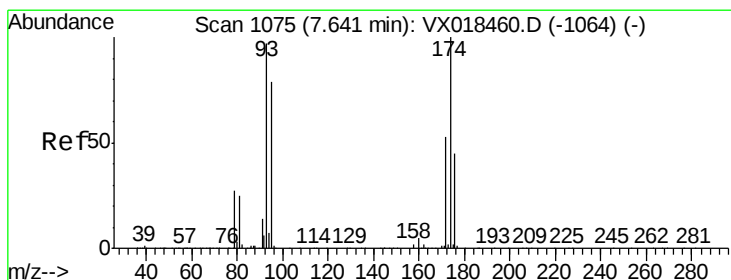
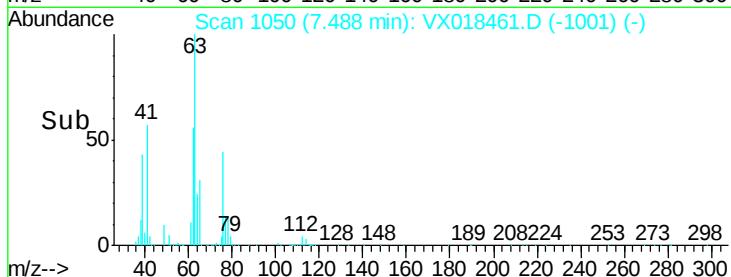
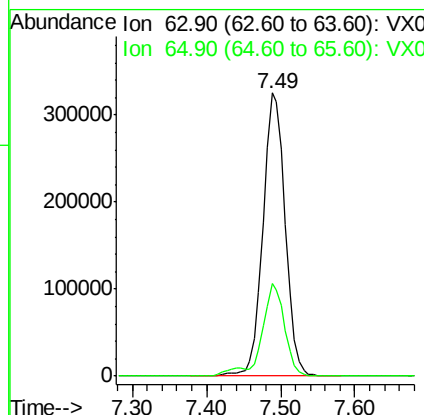
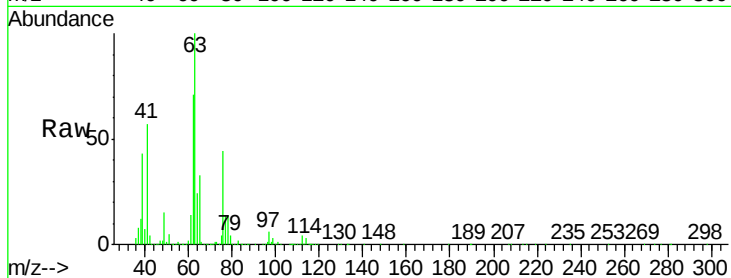
#45
 1,2-Dichloropropane
 Concen: 99.851 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.7	24.1	36.1

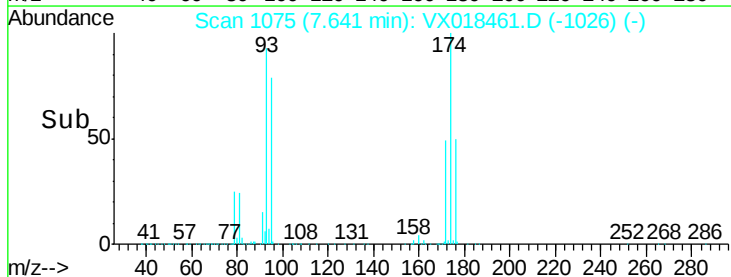
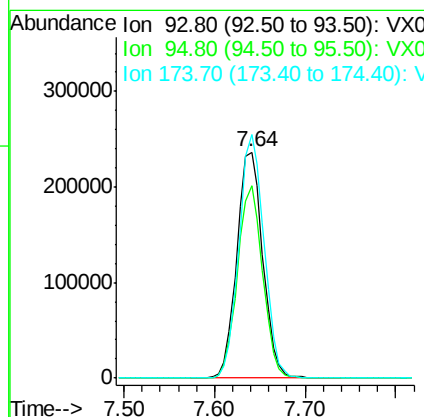
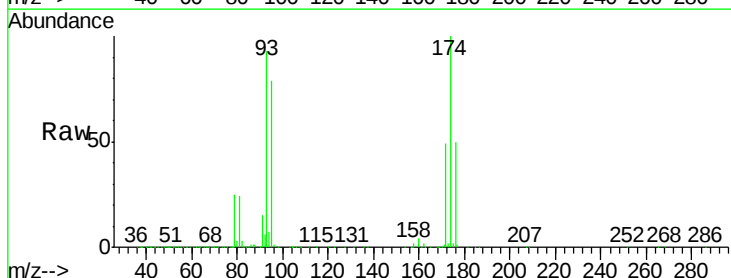
Manual Integrations
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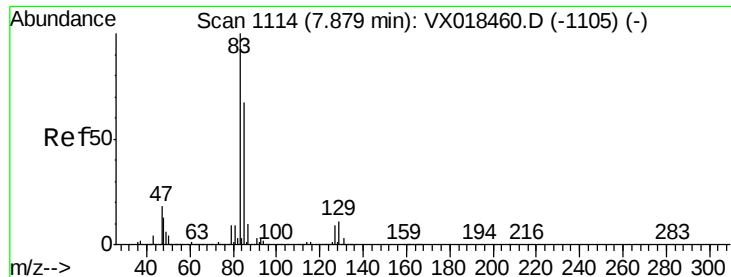
MMDadoda
 9/18/2020 12:19:41 PM



#46
 Dibromomethane
 Concen: 97.508 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.0	97.4
174	104.6	82.0	123.0





#47

Bromodichloromethane

Concen: 101.729 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

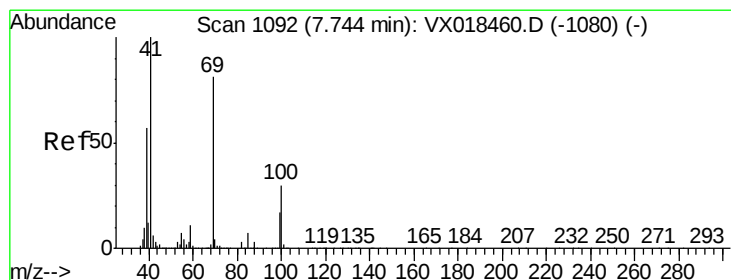
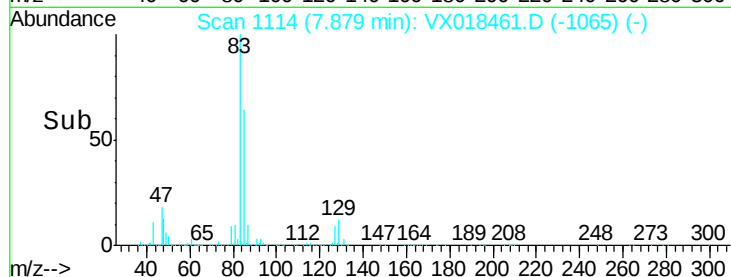
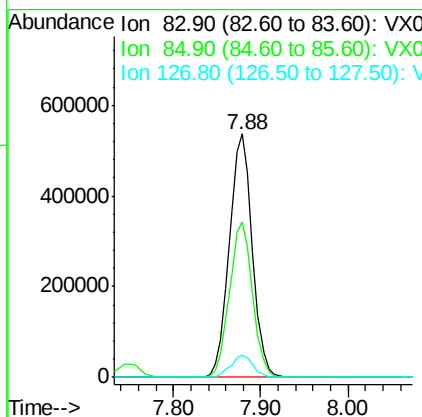
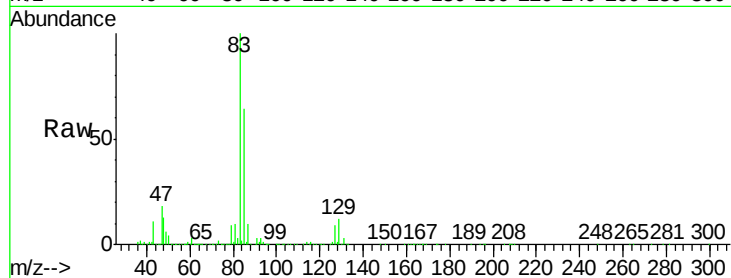
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	976198
Ion Ratio	Lower	Upper	
83	100		
85	63.9	53.3	79.9
127	9.2	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 101.534 ug/l

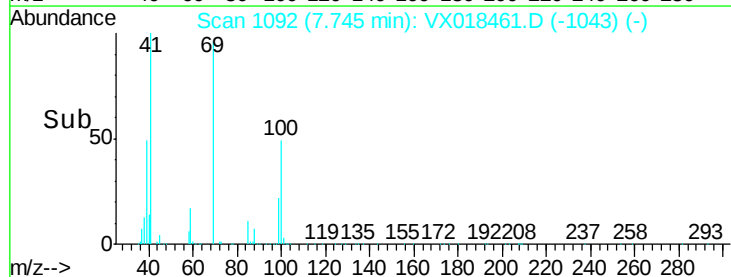
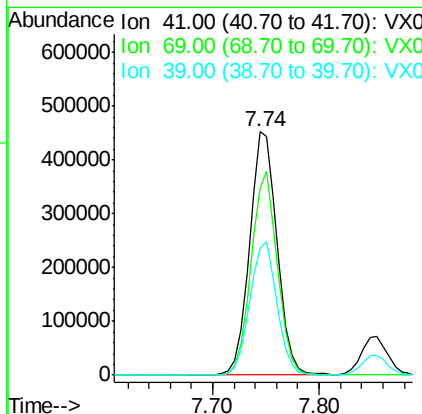
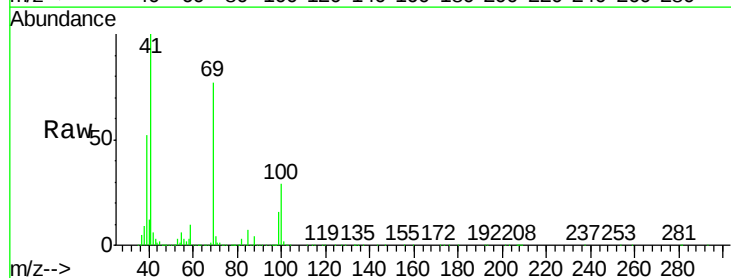
RT: 7.74 min Scan# 1092

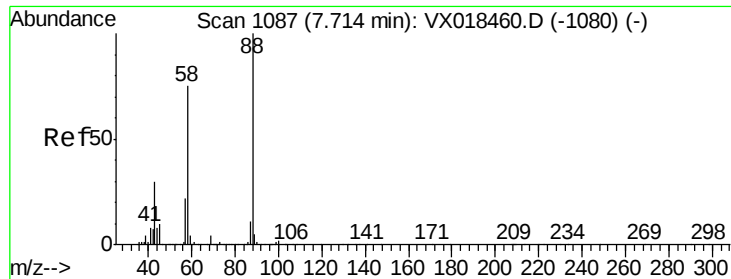
Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Tgt Ion:	41	Resp:	815249
Ion Ratio	Lower	Upper	
41	100		
69	80.4	63.7	95.5
39	54.6	45.0	67.4





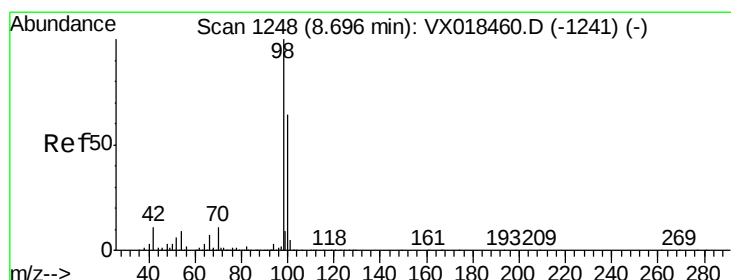
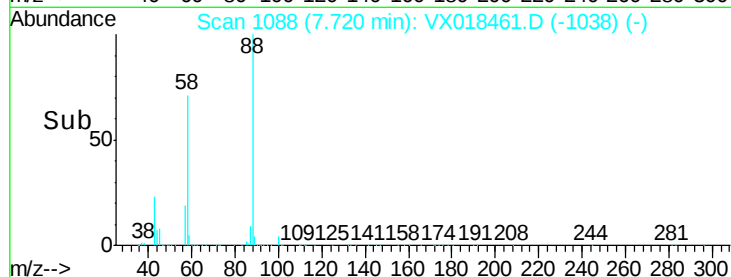
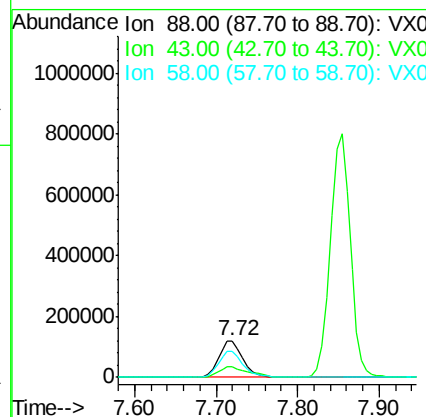
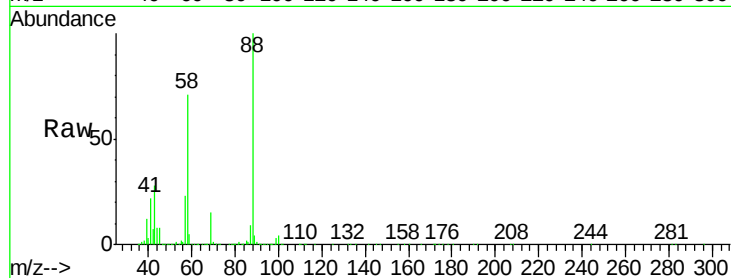
#49
1,4-Dioxane
Concen: 1745.987 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	29.9	44.9
58	73.2	59.0	88.6

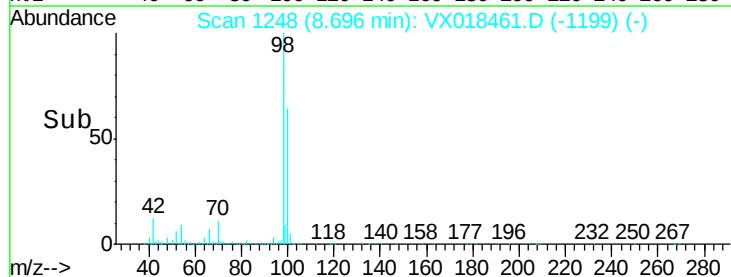
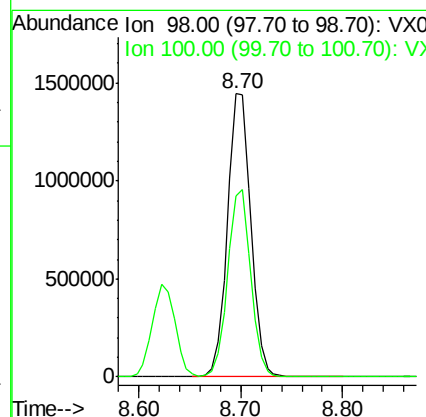
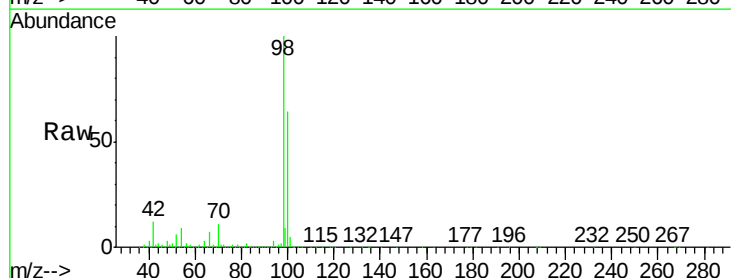
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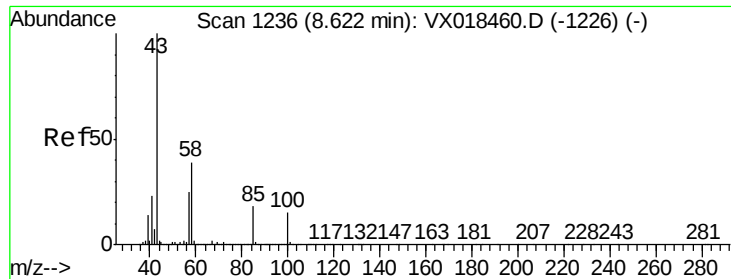
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#50
Toluene-d8
Concen: 97.781 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5





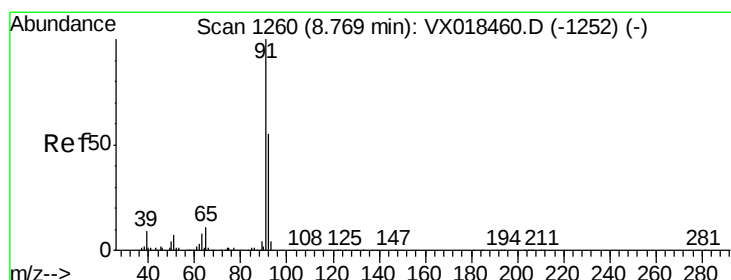
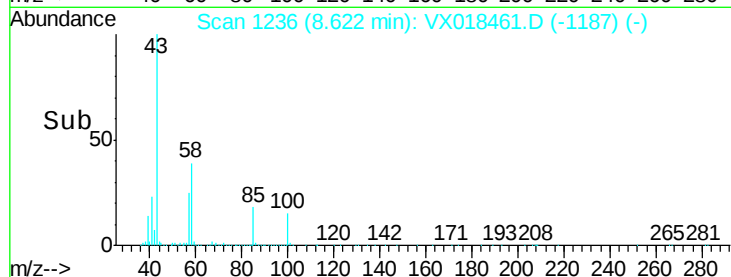
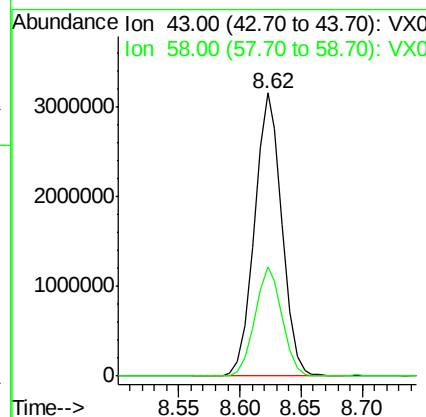
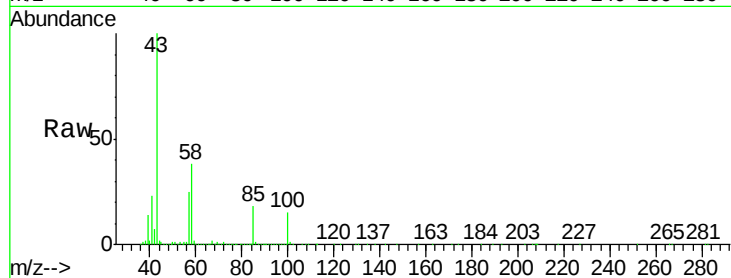
#51
4-Methyl-2-Pentanone
Concen: 494.941 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 4903072
Ion Ratio Lower Upper
43 100
58 38.3 30.9 46.3

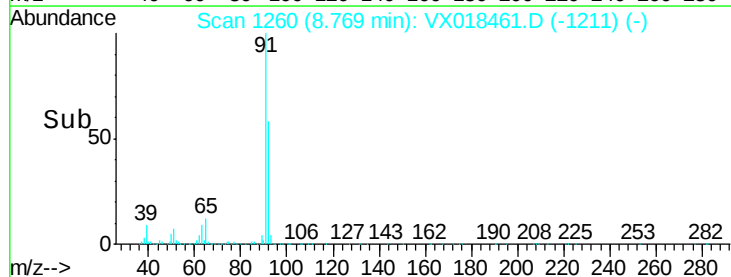
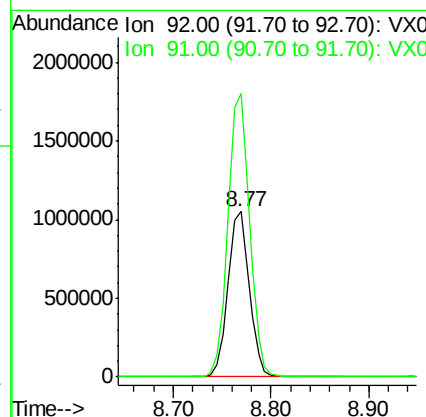
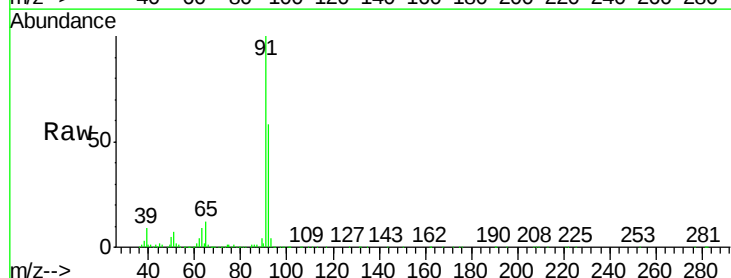
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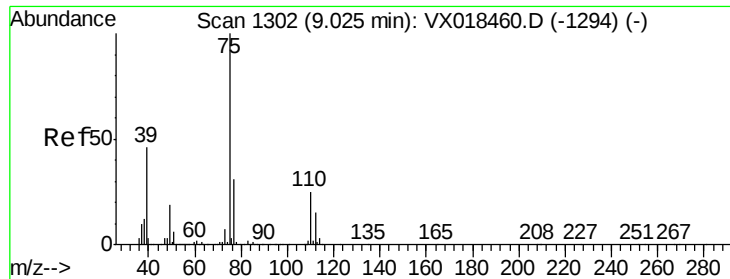
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#52
Toluene
Concen: 99.471 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion: 92 Resp: 1595436
Ion Ratio Lower Upper
92 100
91 173.5 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 105.020 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 1119506

Ion Ratio Lower Upper

75 100

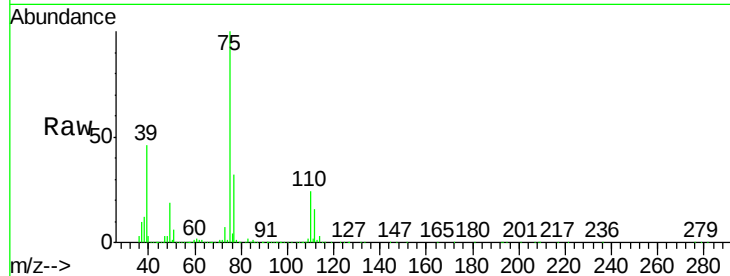
77 31.9 25.1 37.7

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

800000

600000

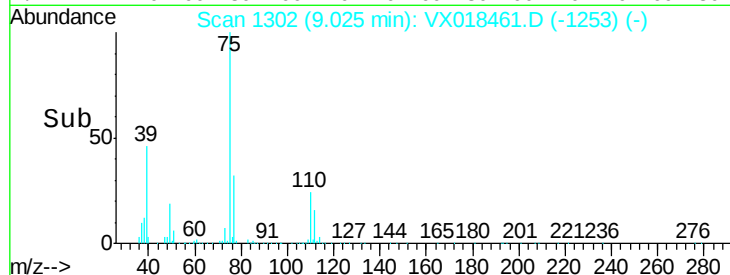
400000

200000

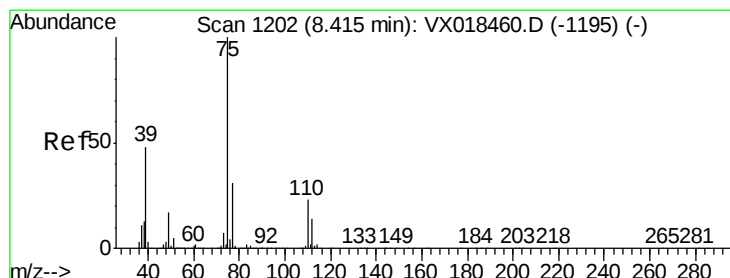
0

9.02

8.90 9.00 9.10 9.20



Time-->



#54

cis-1,3-Dichloropropene

Concen: 103.086 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

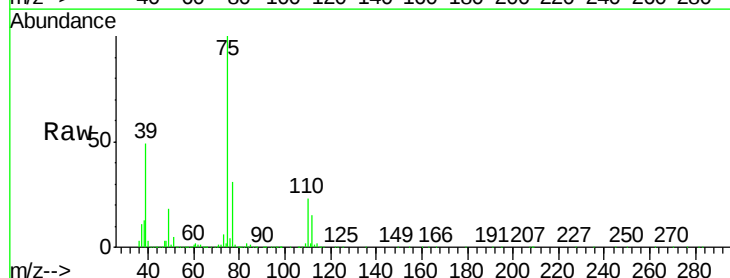
Tgt Ion: 75 Resp: 1164676

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 49.4 38.6 58.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

1000000

800000

600000

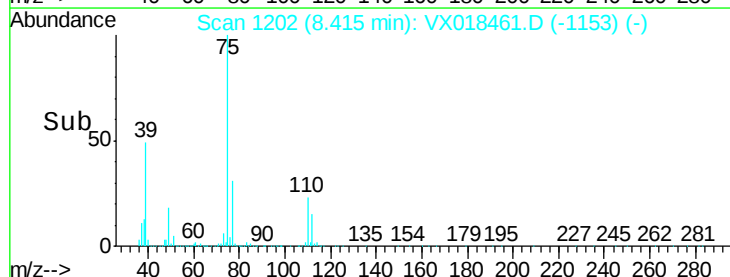
400000

200000

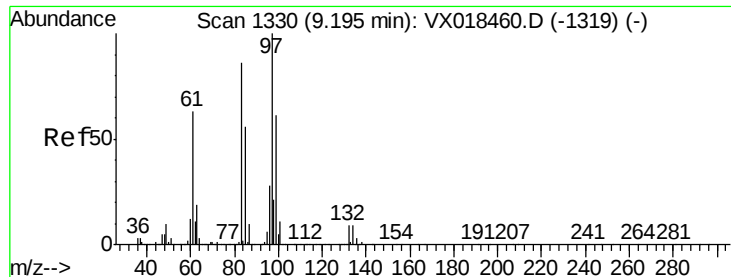
0

8.42

8.30 8.40 8.50



Time-->



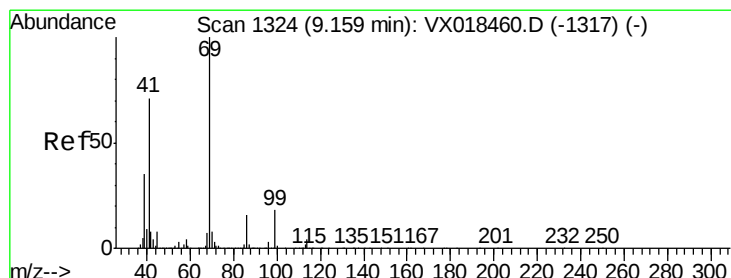
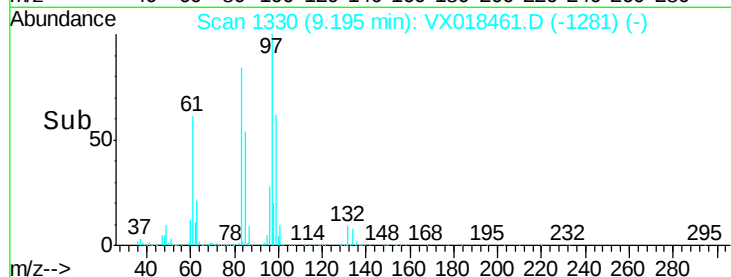
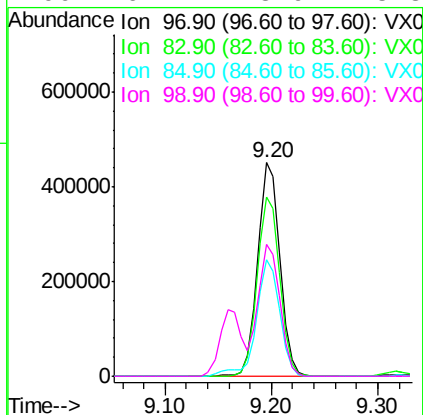
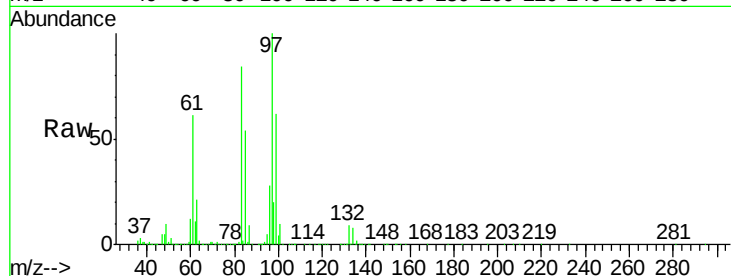
#55
 1,1,2-Trichloroethane
 Concen: 97.162 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	663364
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.5	102.7
85	54.4	44.8	67.2
99	61.7	48.9	73.3

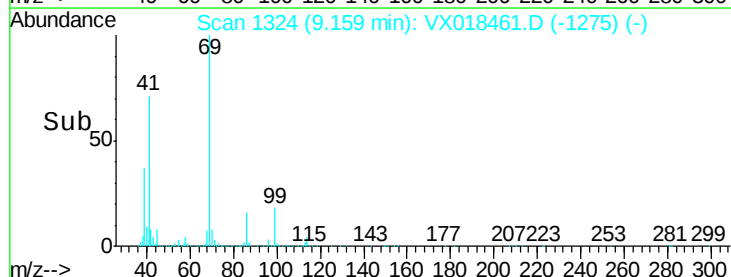
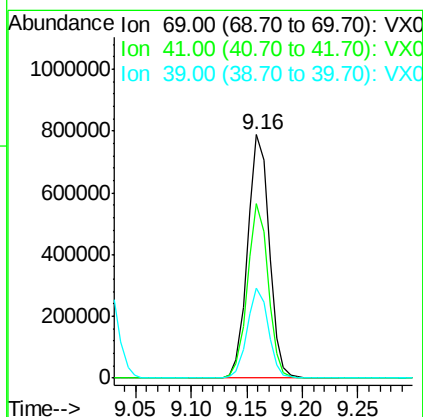
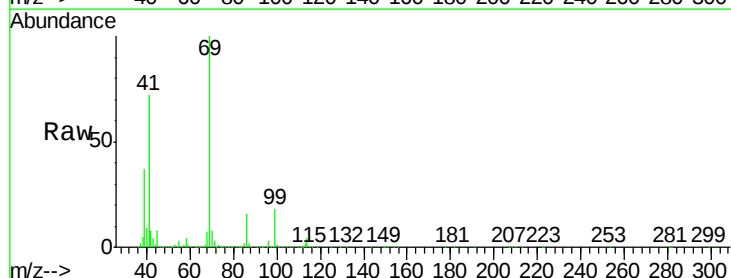
Manual Integrations
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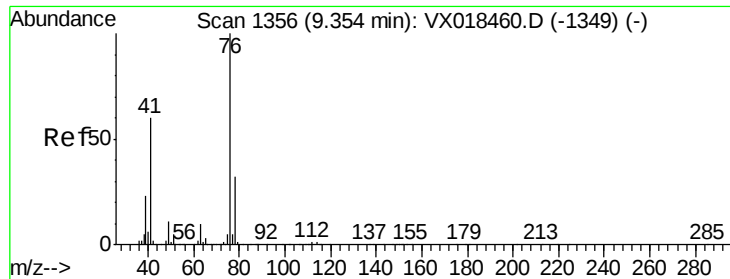
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#56
 Ethyl methacrylate
 Concen: 104.281 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Tgt Ion:	69	Resp:	1060332
Ion	Ratio	Lower	Upper
69	100		
41	69.0	54.6	81.8
39	36.3	29.3	43.9





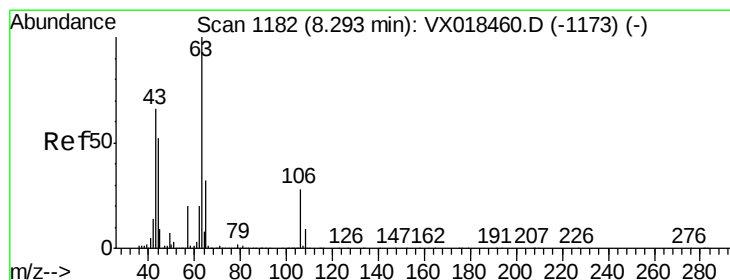
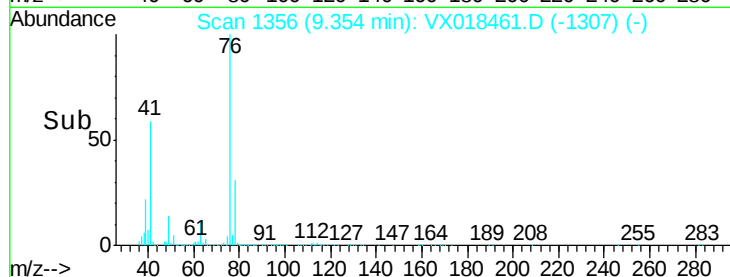
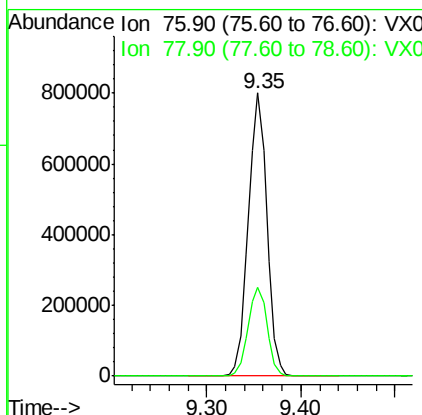
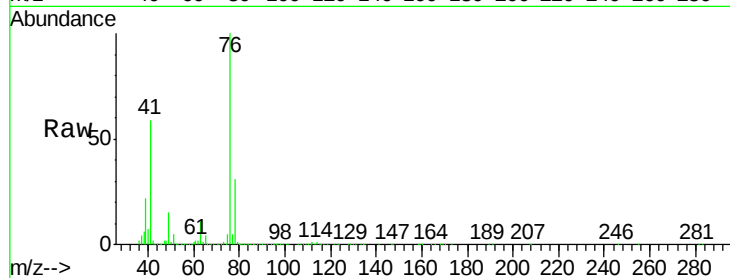
#57
 1,3-Dichloropropane
 Concen: 98.535 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 1111242
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4

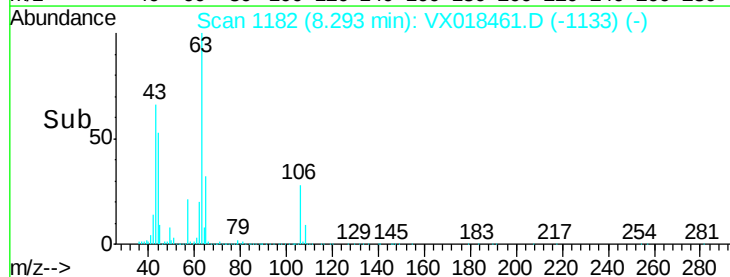
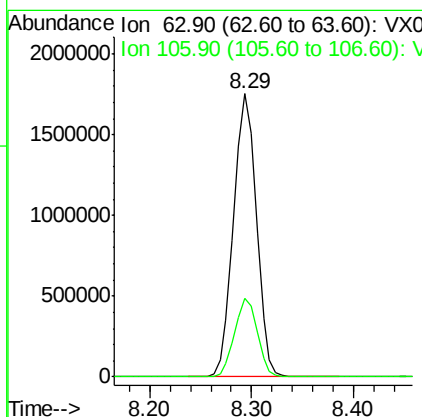
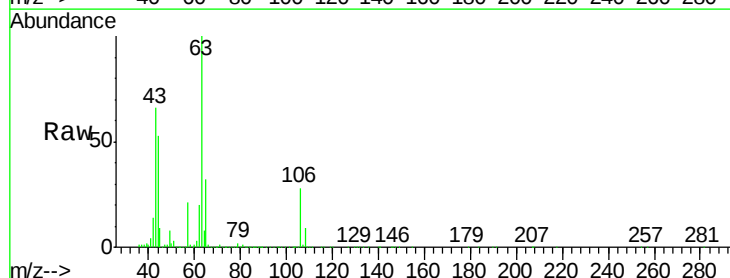
Manual Integrations
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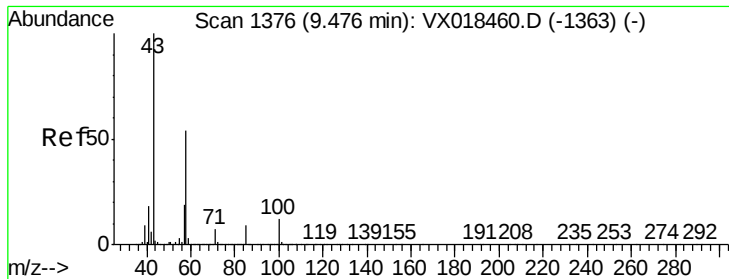
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 574.212 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Tgt Ion: 63 Resp: 2712181
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.2 33.2





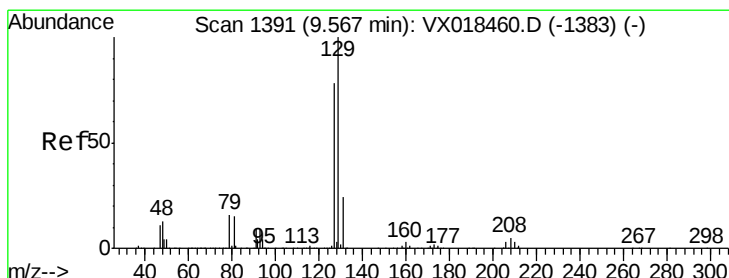
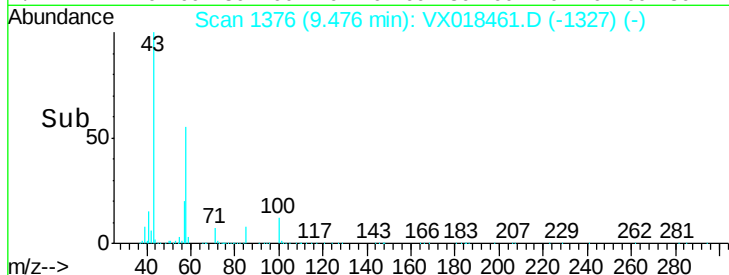
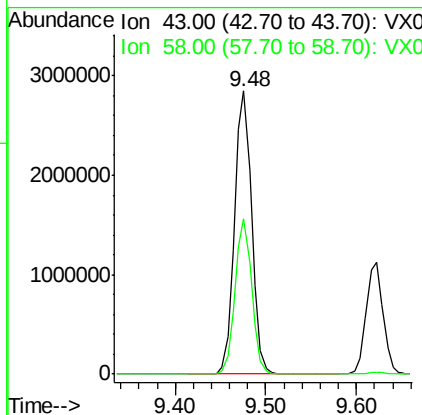
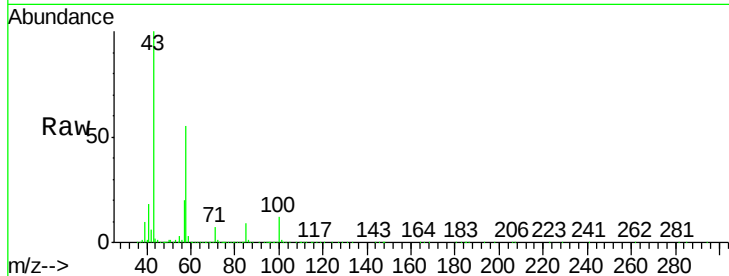
#59
2-Hexanone
Concen: 501.509 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 3773688
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.4

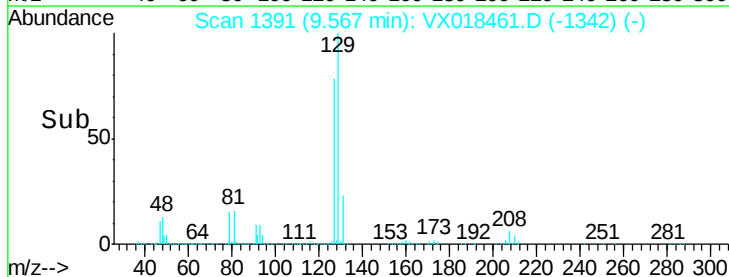
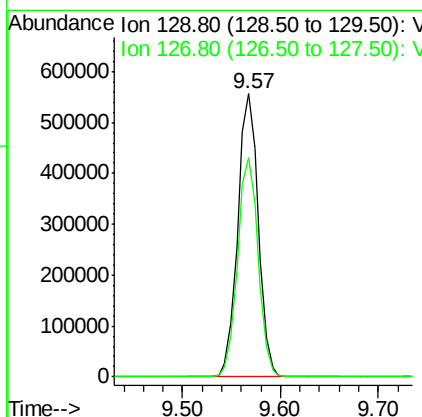
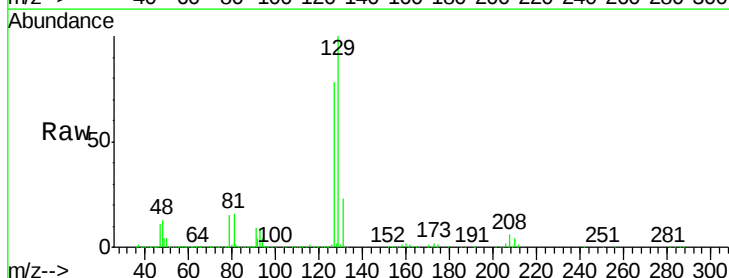
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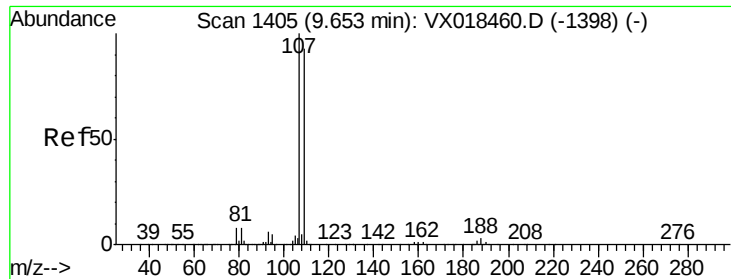
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#60
Dibromochloromethane
Concen: 100.855 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion: 129 Resp: 809044
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





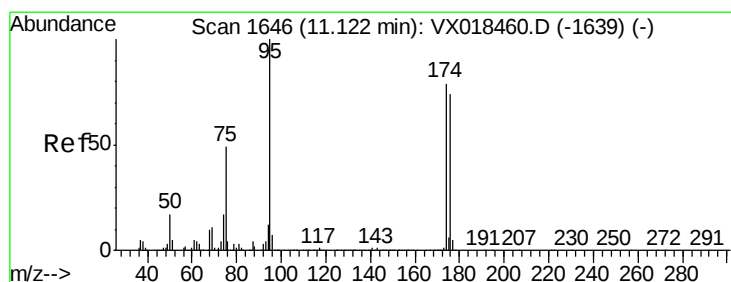
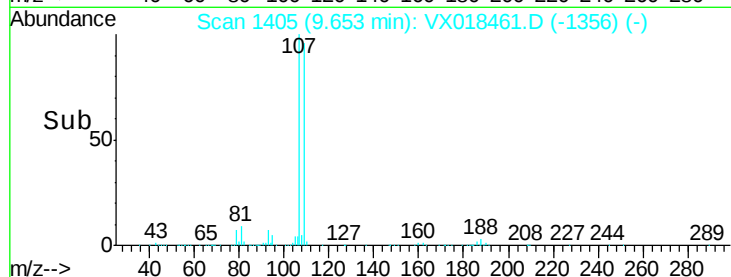
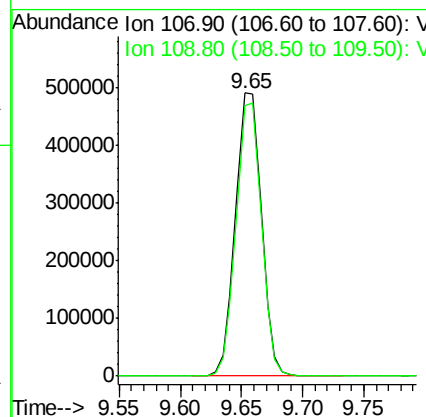
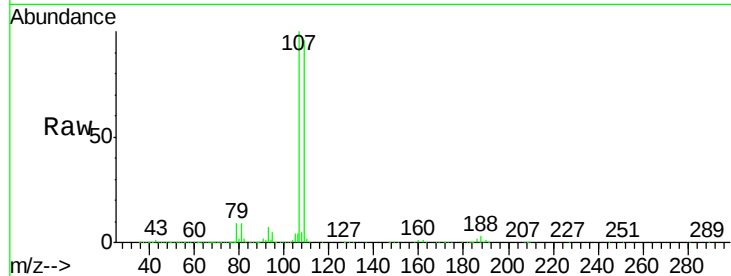
#61
 1,2-Dibromoethane
 Concen: 97.274 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.9	113.9

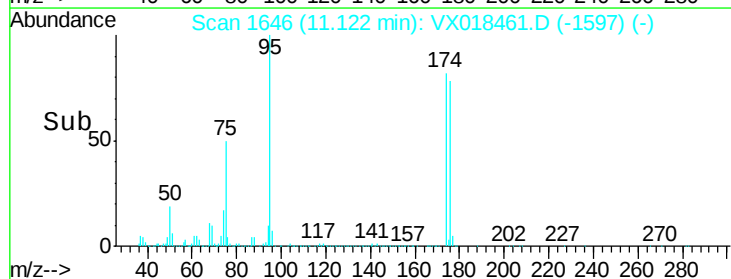
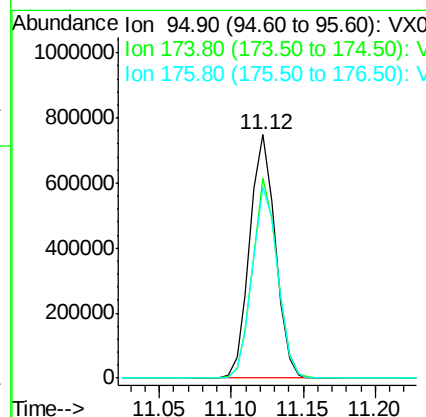
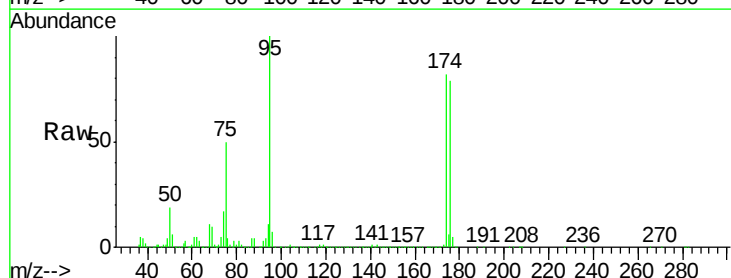
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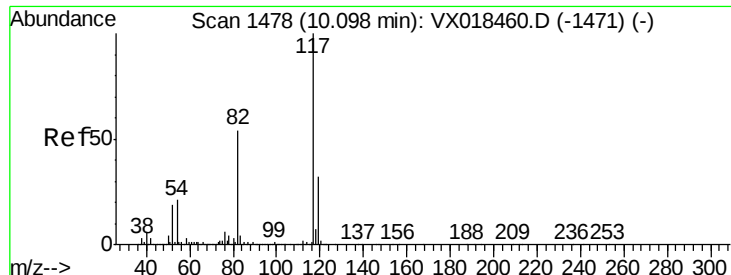
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#62
 4-Bromofluorobenzene
 Concen: 99.095 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	161.4
176	78.4	0.0	151.4





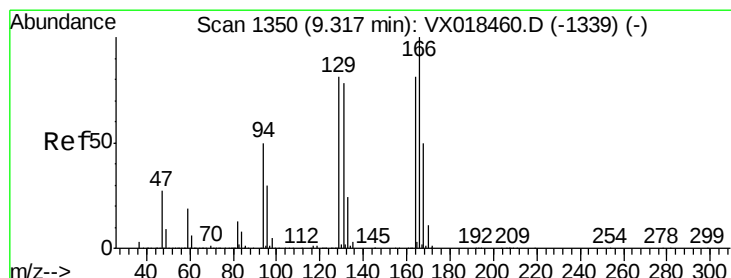
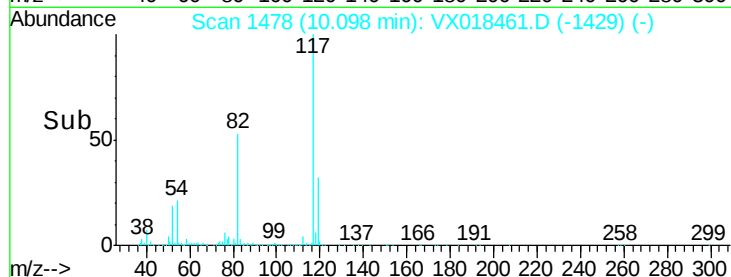
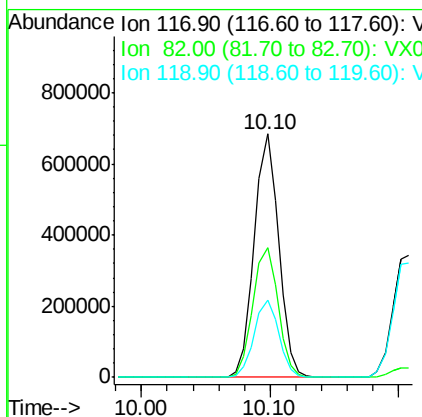
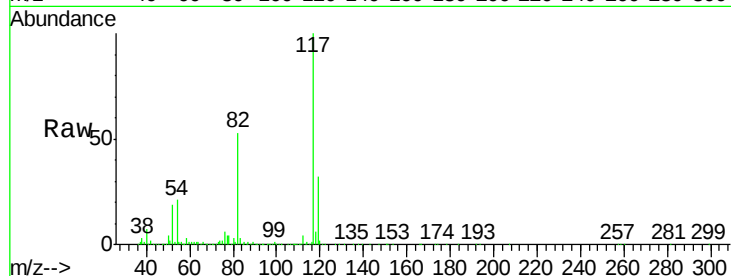
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	891923		
82	53.2		43.3	64.9
119	31.7		25.9	38.9

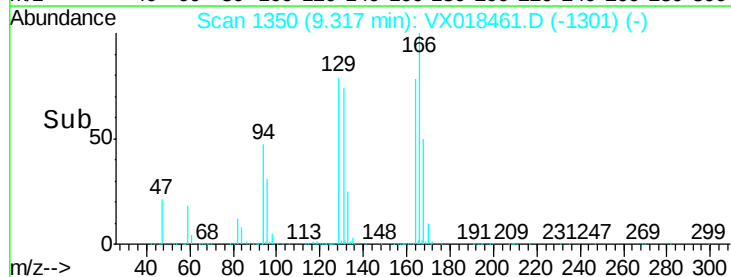
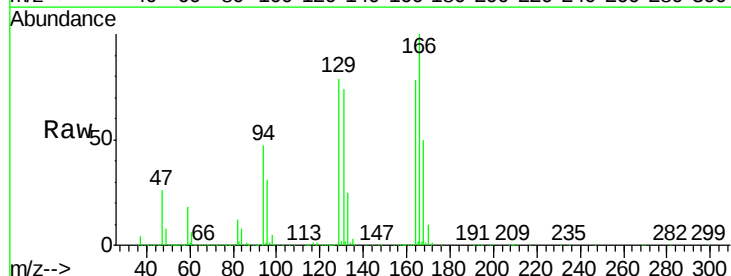
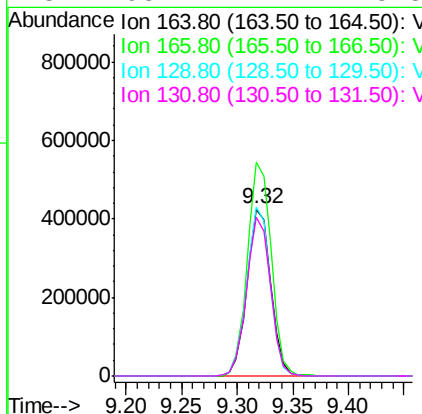
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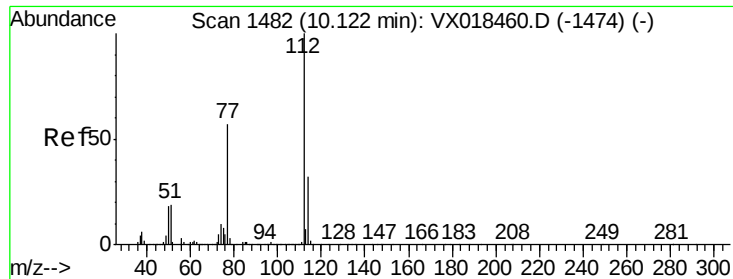
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#64
Tetrachloroethene
Concen: 95.453 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	628731		
166	127.8		99.3	148.9
129	101.4		80.7	121.1
131	95.2		77.2	115.8





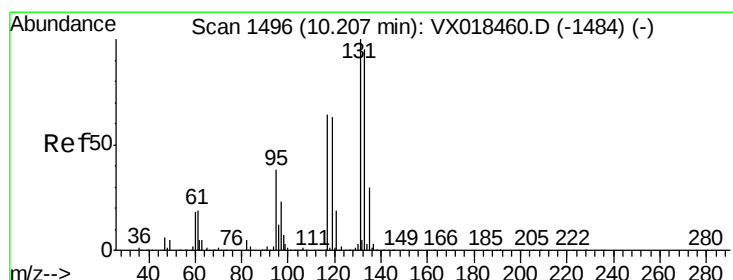
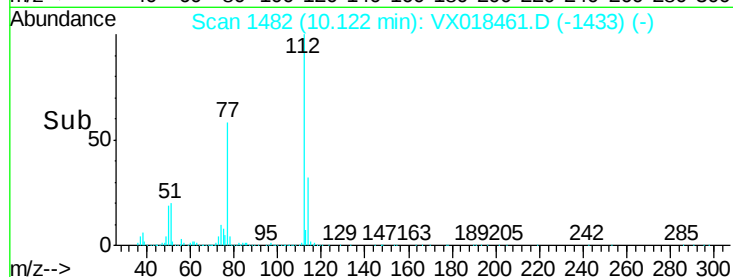
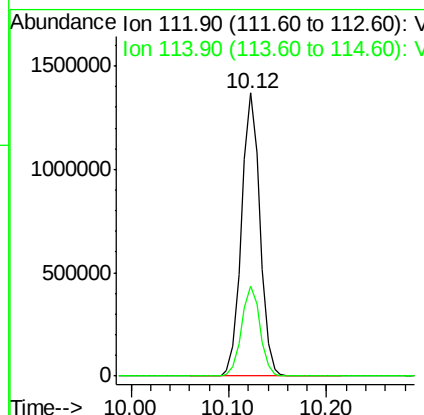
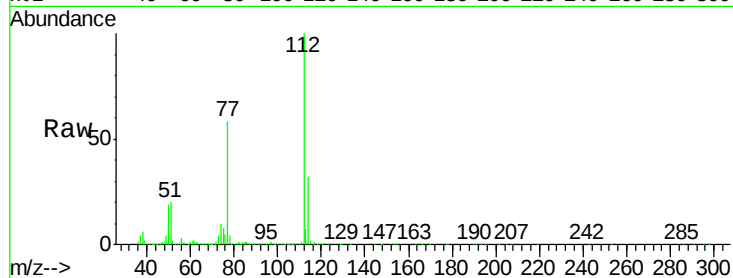
#65
Chlorobenzene
Concen: 100.304 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion:112 Resp: 1790533
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

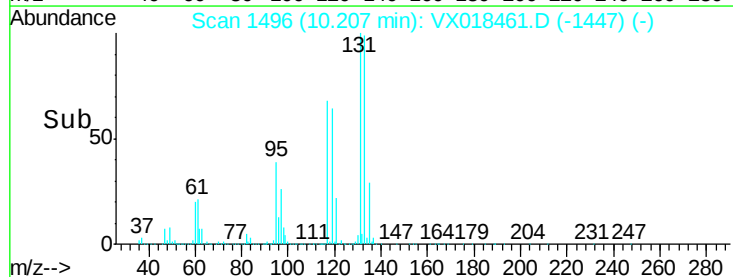
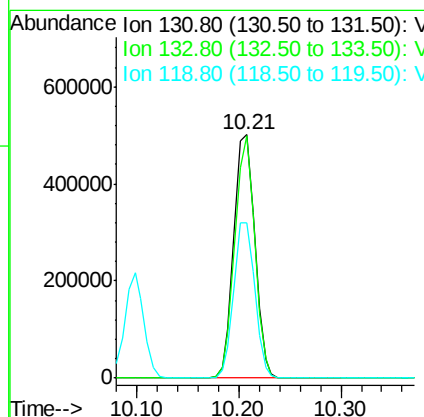
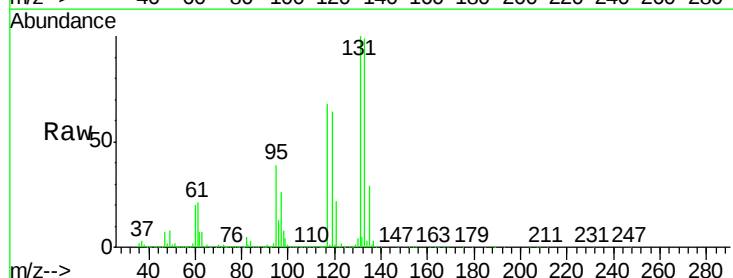
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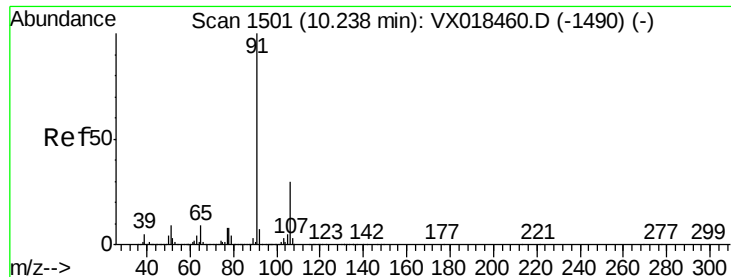
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#66
1,1,1,2-Tetrachloroethane
Concen: 101.189 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion:131 Resp: 713315
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 63.7 31.9 95.7





#67

Ethyl Benzene

Concen: 103.347 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 3147463

Ion Ratio Lower Upper

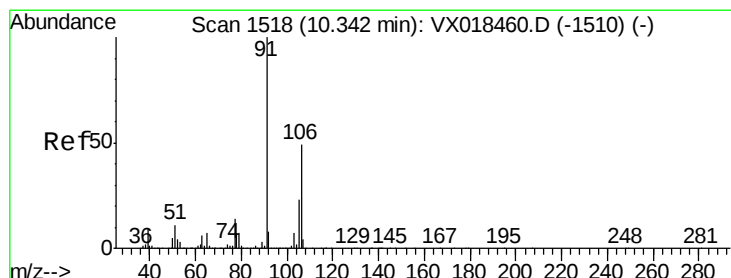
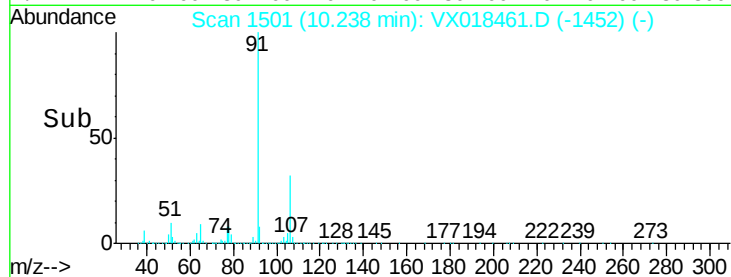
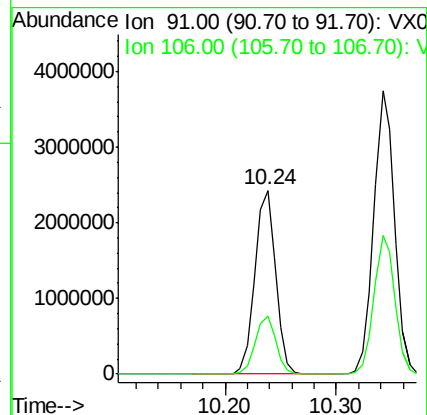
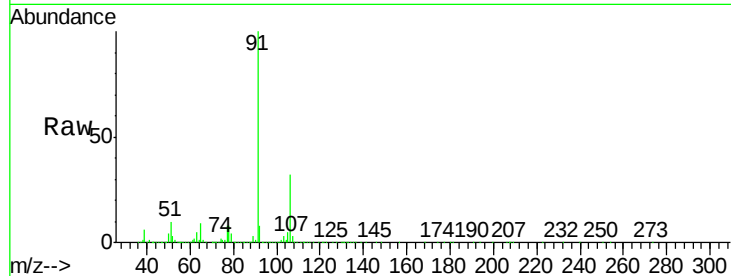
91 100

106 31.9 24.1 36.1

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#68

m/p-Xylenes

Concen: 212.658 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018461.D

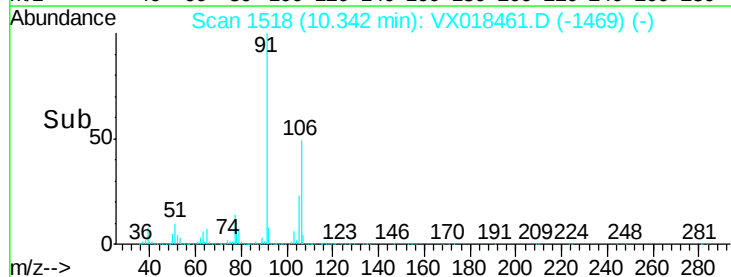
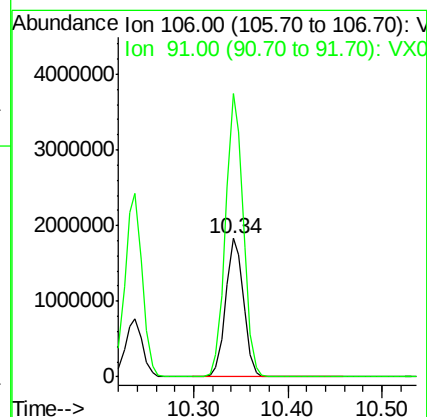
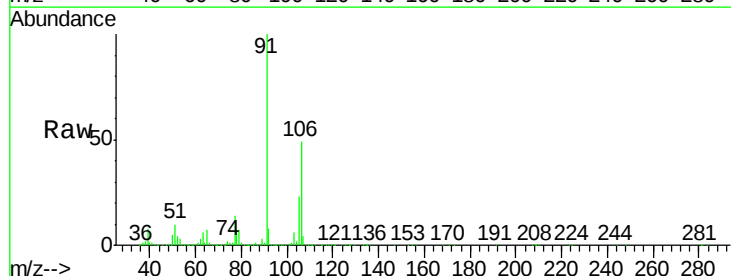
Acq: 17 Sep 2020 11:29

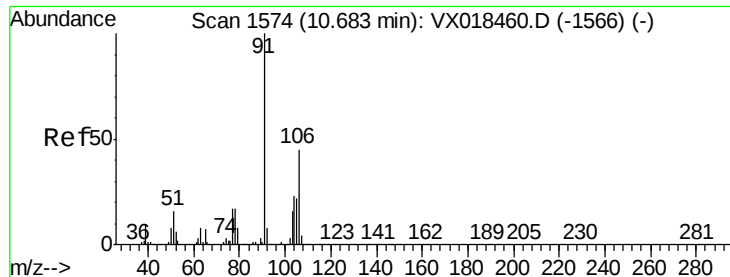
Tgt Ion: 106 Resp: 2409211

Ion Ratio Lower Upper

106 100

91 202.6 163.8 245.6





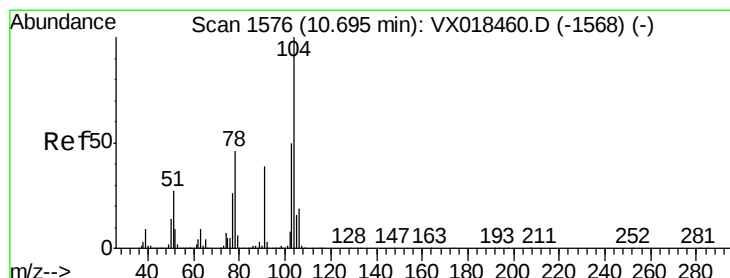
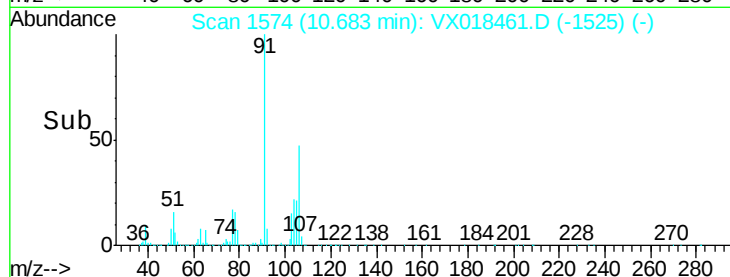
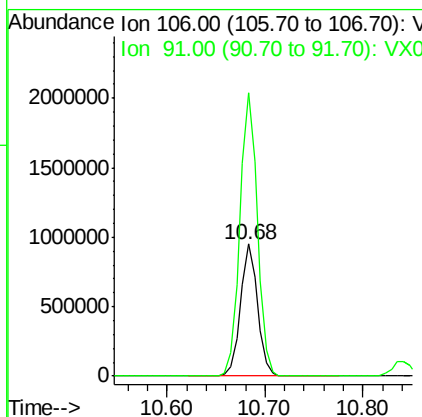
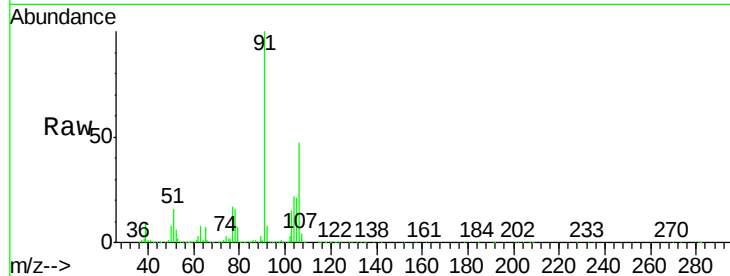
#69
o-Xylene
Concen: 103.990 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 1144562
Ion Ratio Lower Upper
106 100
91 219.8 109.7 329.0

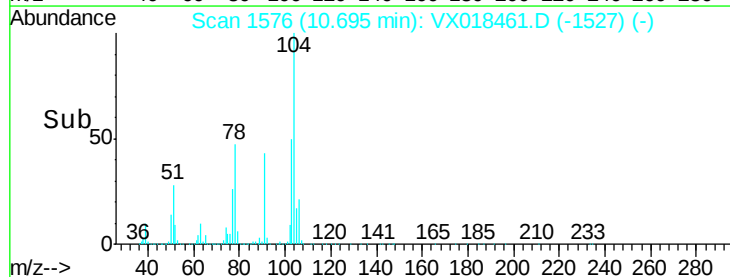
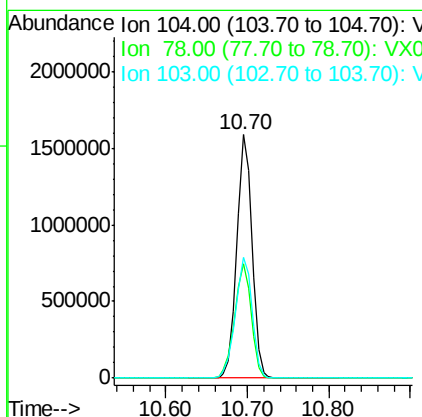
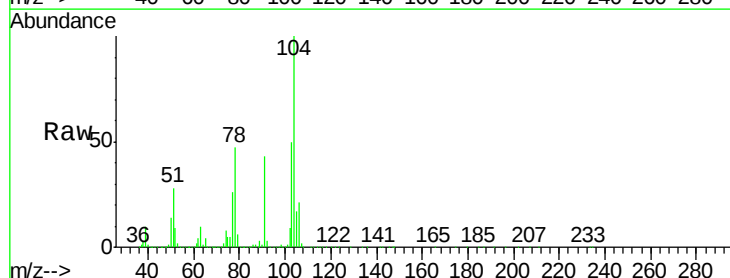
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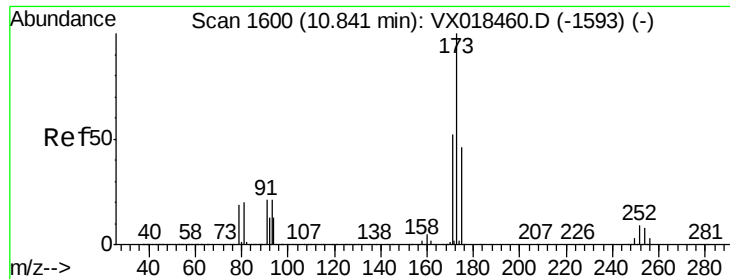
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#70
Styrene
Concen: 107.156 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion:104 Resp: 2014082
Ion Ratio Lower Upper
104 100
78 51.5 40.5 60.7
103 54.6 43.2 64.8





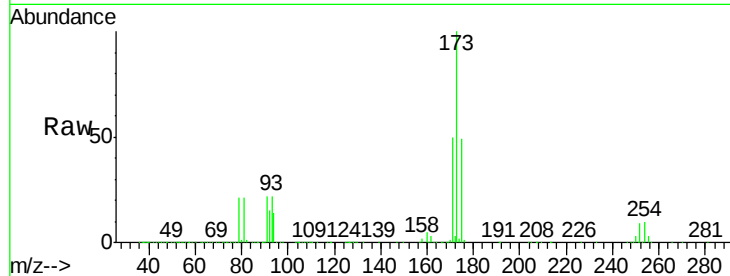
#71
Bromoform
Concen: 105.528 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

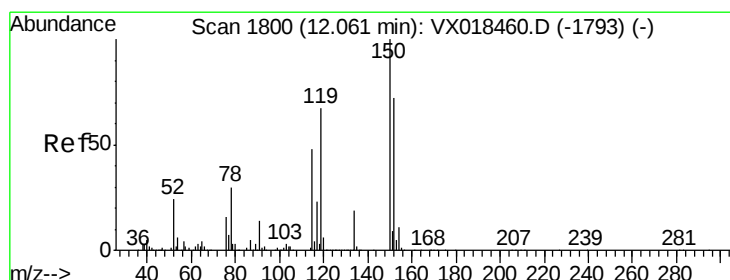
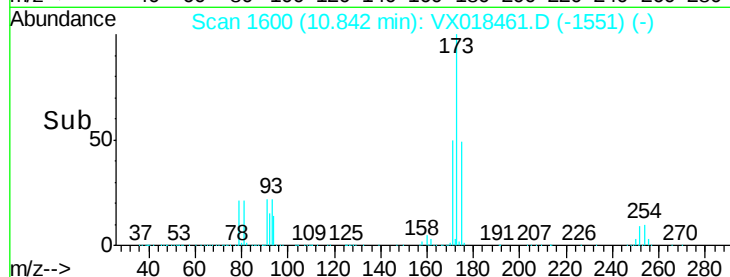
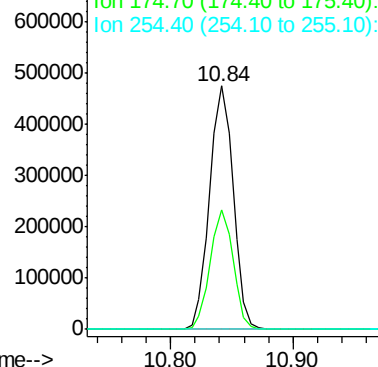
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.6	70.8
254	0.1	0.1	0.1

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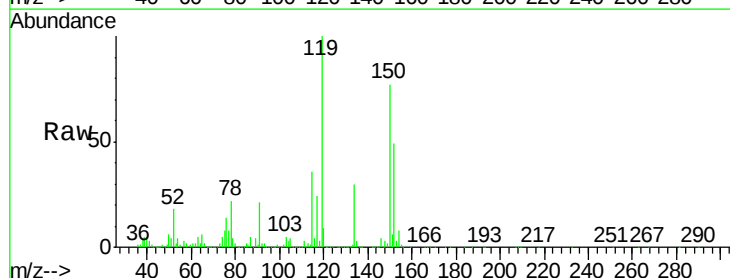


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

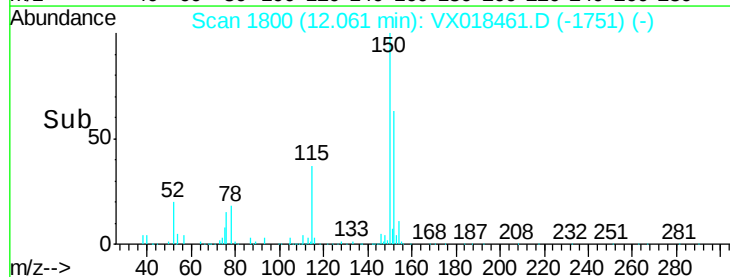
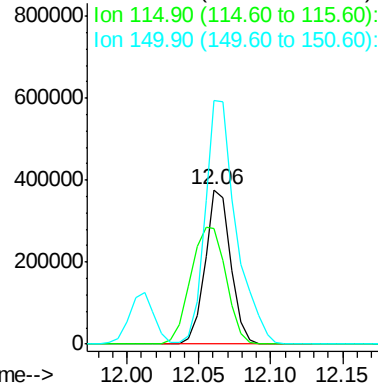


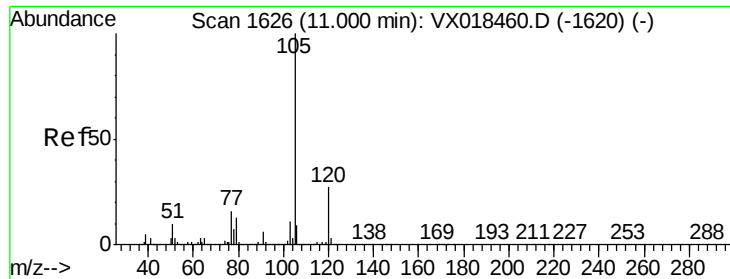
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	104.8	41.8	125.4
150	190.0	0.0	342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 101.131 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 3104545

Ion Ratio Lower Upper

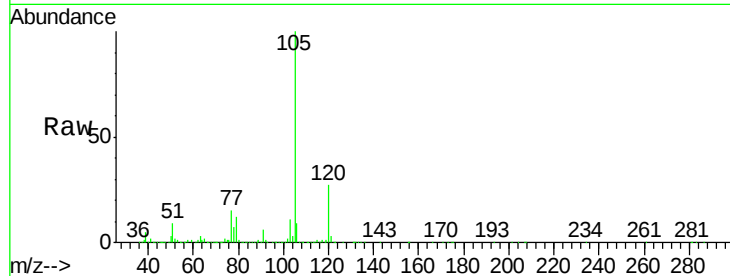
105 100

120 27.0 13.4 40.2

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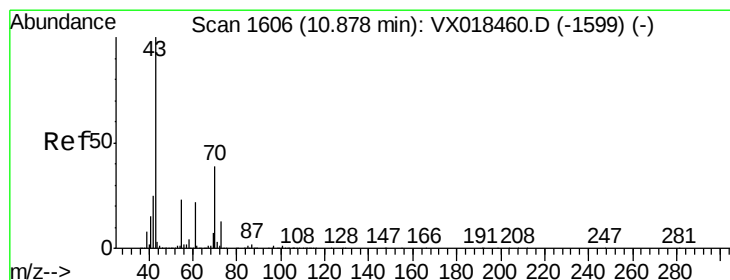
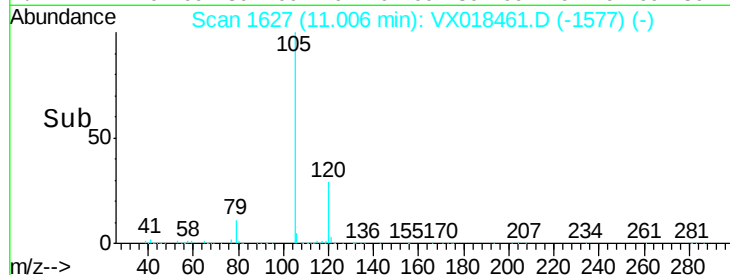
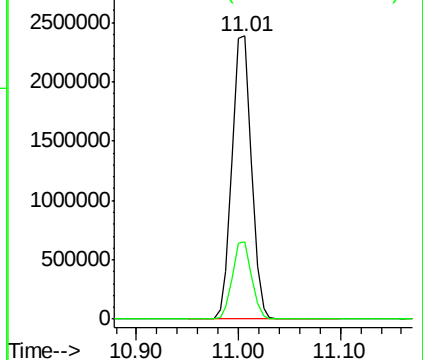
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 101.421 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Tgt Ion: 43 Resp: 1462192

Ion Ratio Lower Upper

43 100

70 40.0 32.2 48.4

55 22.9 18.8 28.2

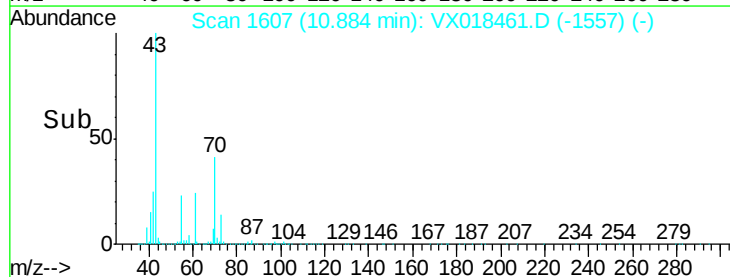
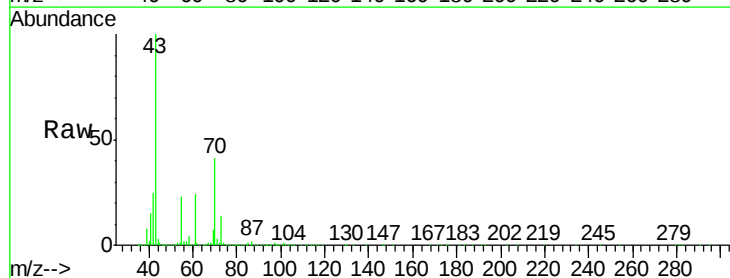
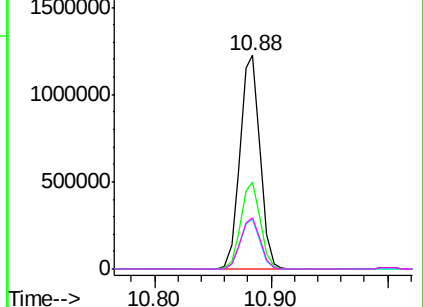
61 23.7 19.0 28.4

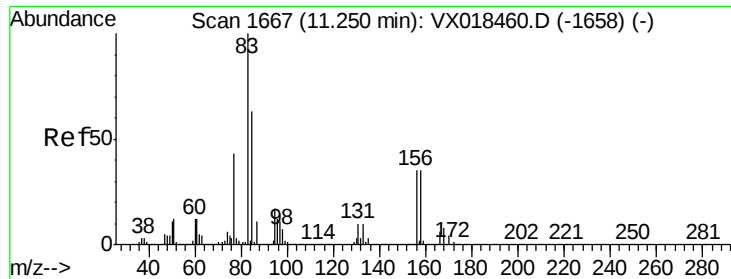
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 91.949 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

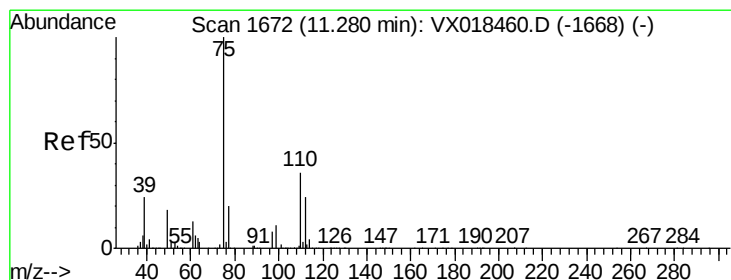
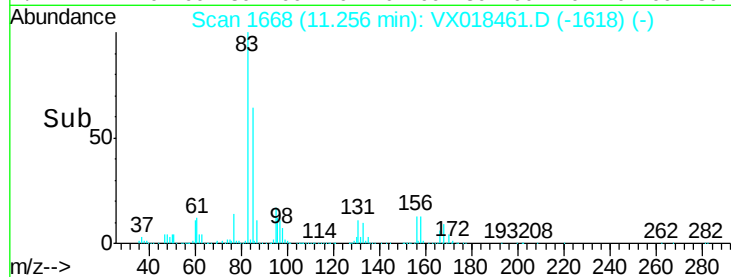
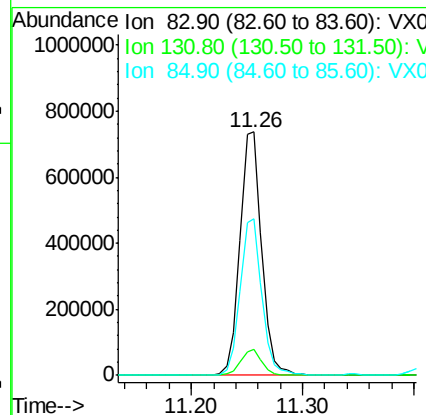
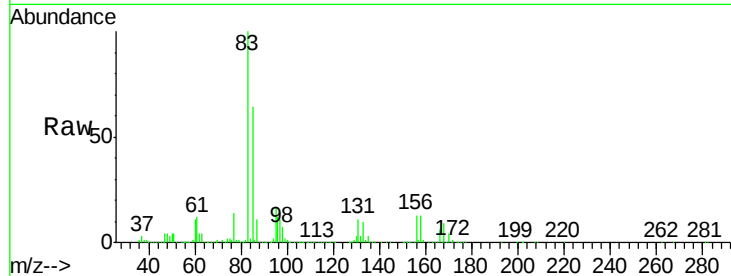
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	993481
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	64.0	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 89.330 ug/l m

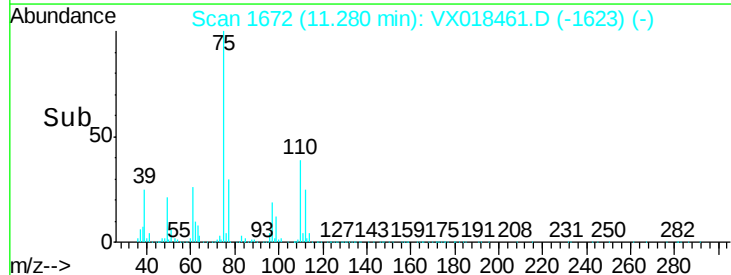
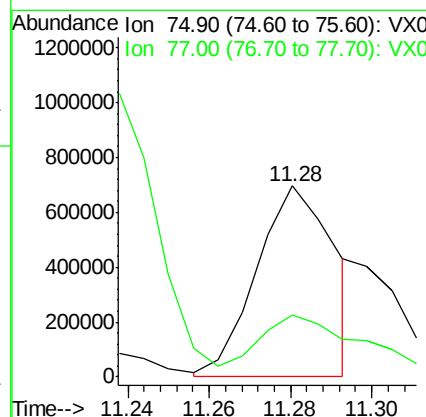
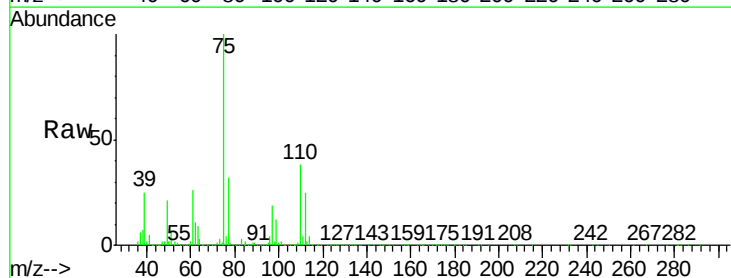
RT: 11.28 min Scan# 1672

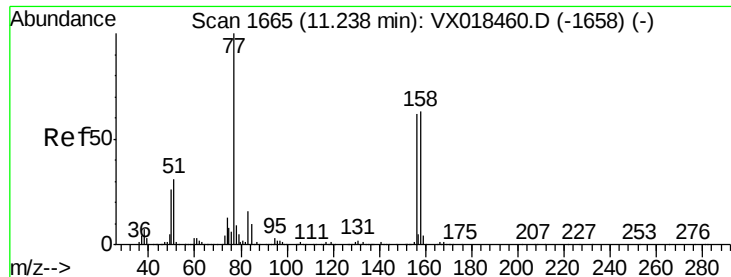
Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Tgt Ion:	75	Resp:	921645
Ion Ratio	Lower	Upper	
75	100		
77	43.5	20.9	62.7





#77

Bromobenzene

Concen: 98.656 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

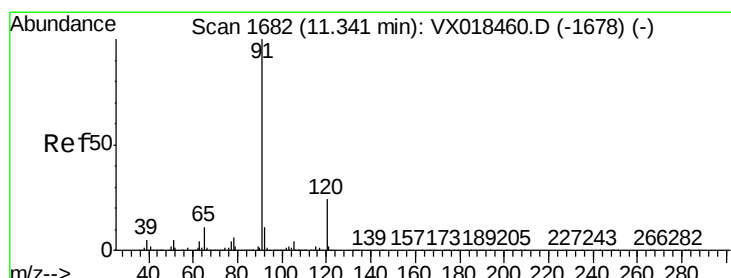
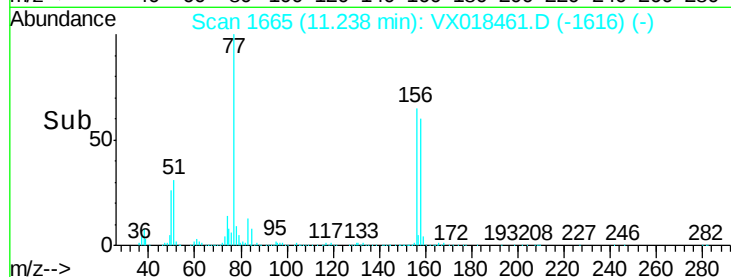
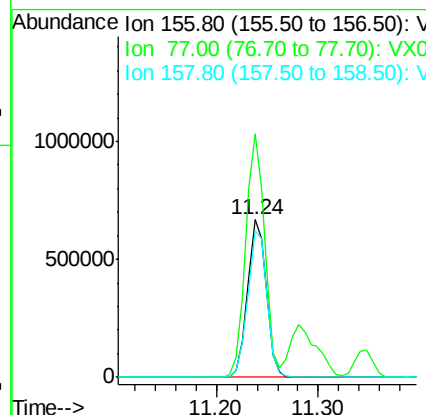
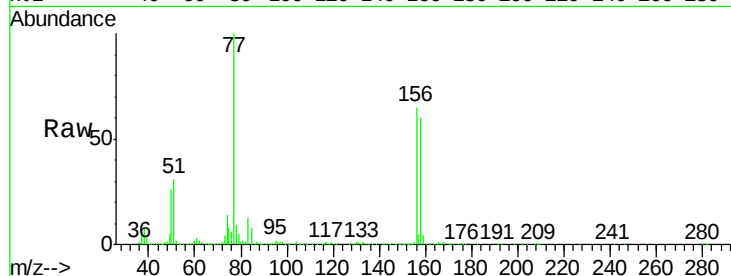
ClientSampleId :

VSTDICC100

Tot Ion:	156	Resp:	839945
Ion Ratio	Lower	Upper	
156	100		
77	156.2	78.8	236.5
158	95.5	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 103.836 ug/l

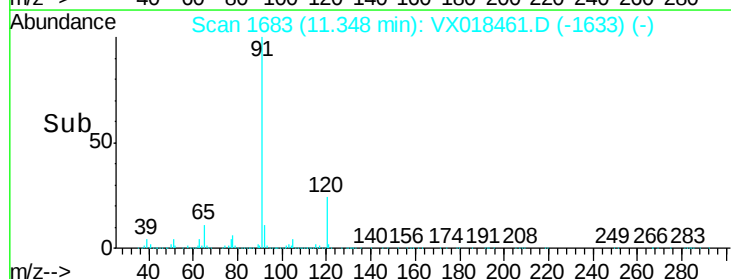
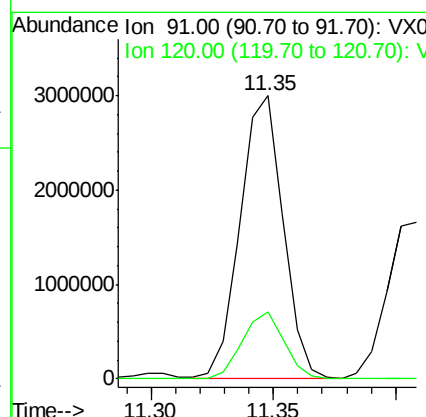
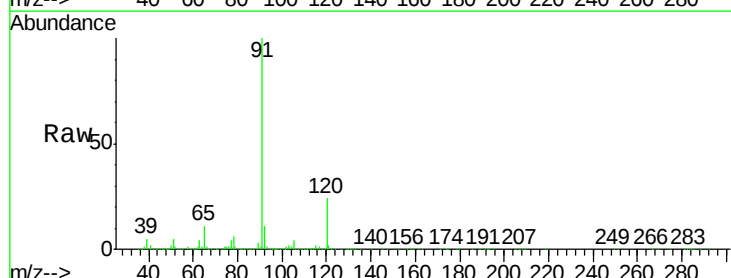
RT: 11.35 min Scan# 1683

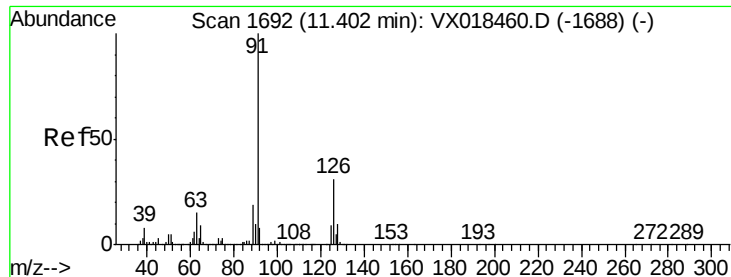
Delta R.T. 0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Tgt Ion:	91	Resp:	3645802
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





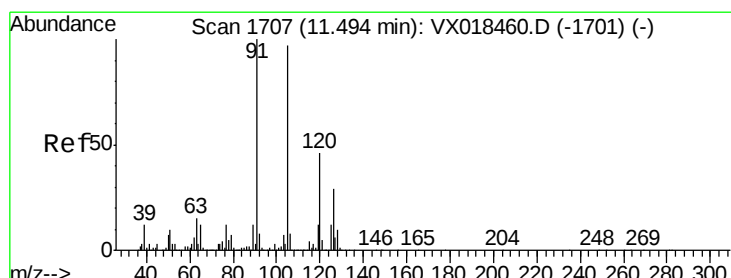
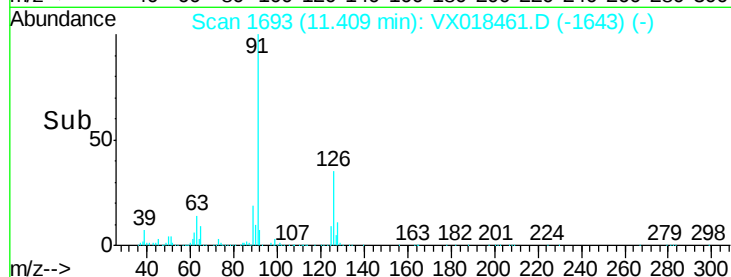
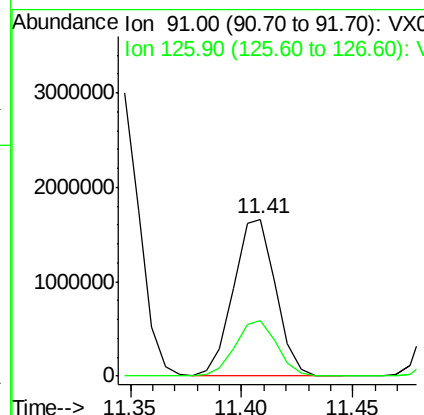
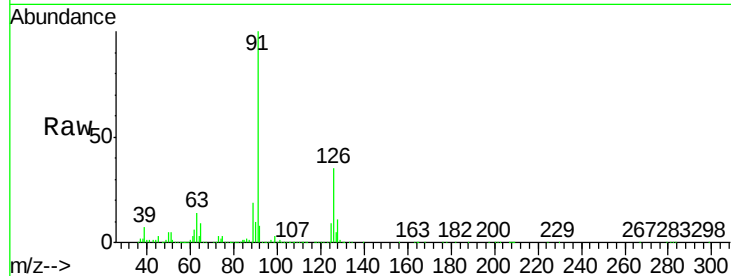
#79
2-Chlorotoluene
Concen: 100.718 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 91 Resp: 2174480
Ion Ratio Lower Upper
91 100
126 34.7 16.6 49.7

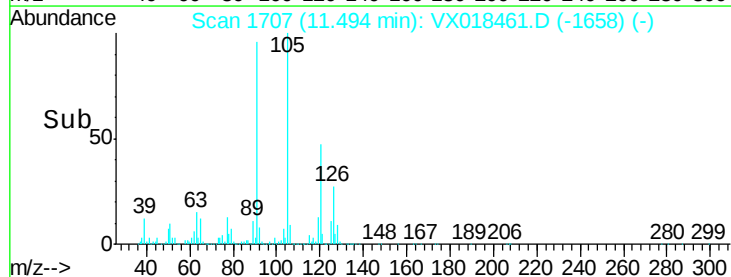
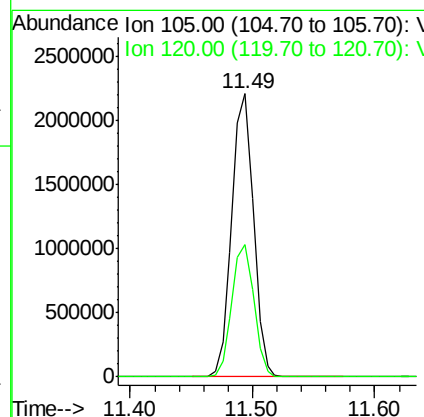
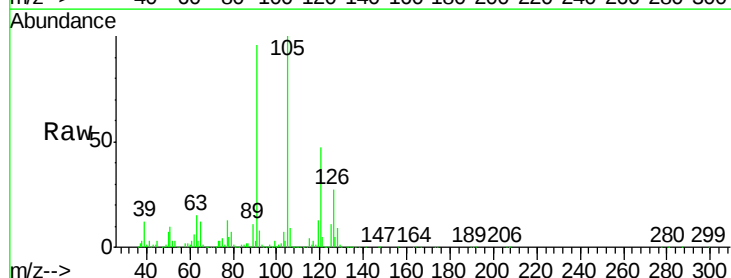
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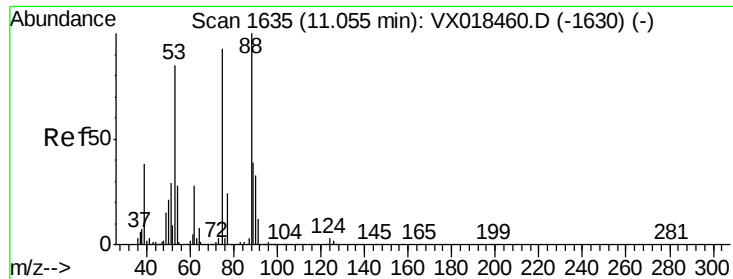
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 106.679 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion: 105 Resp: 2701696
Ion Ratio Lower Upper
105 100
120 47.6 23.6 71.0





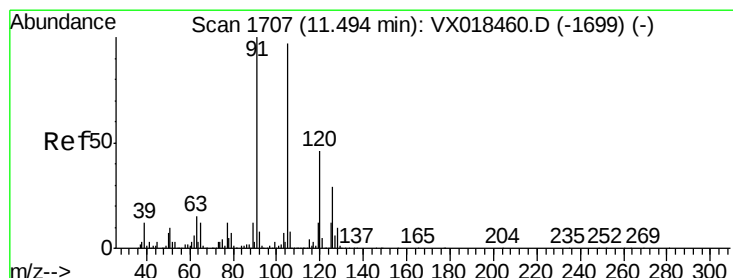
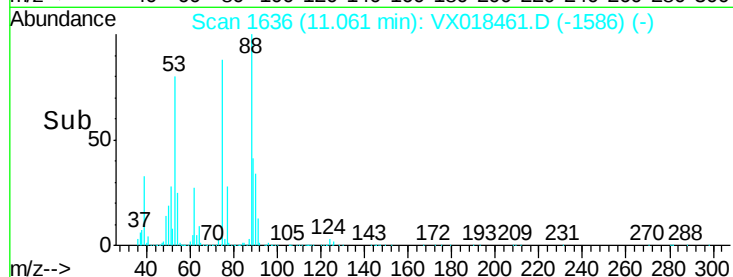
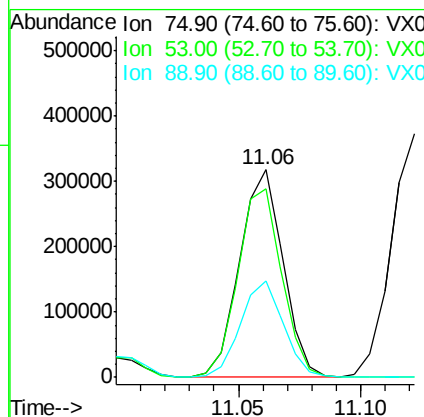
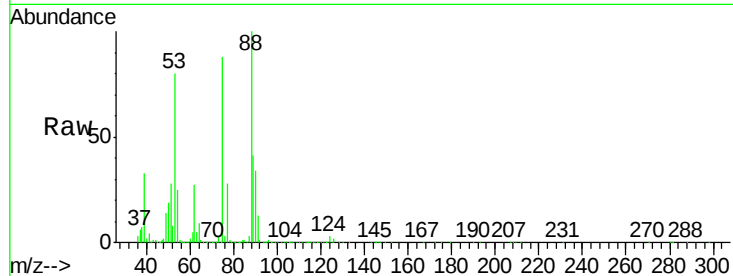
#81
trans-1,4-Dichloro-2-butene
Concen: 101.656 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.4	74.6	111.8
89	46.4	36.2	54.4

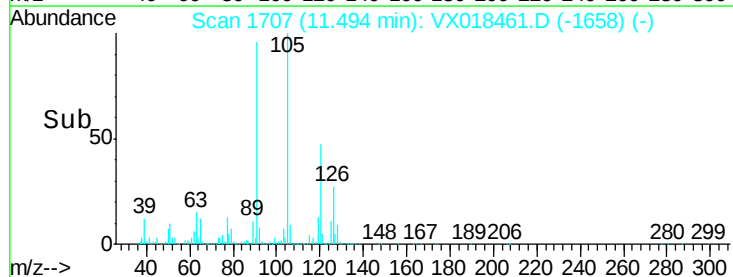
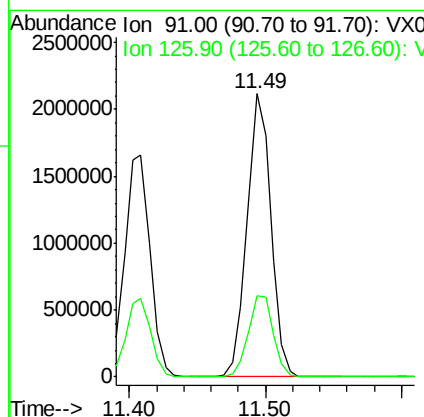
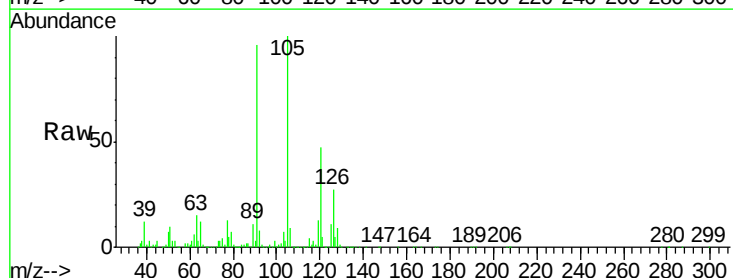
Manual Integrations
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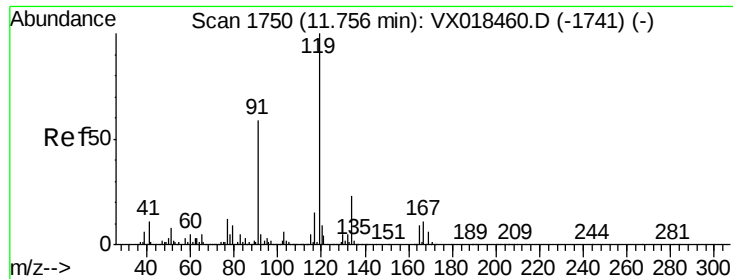
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#82
4-Chlorotoluene
Concen: 101.517 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.0	45.0





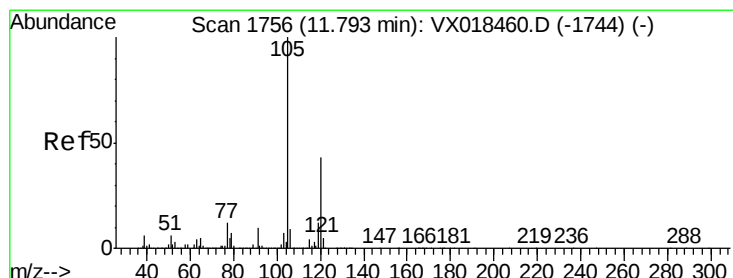
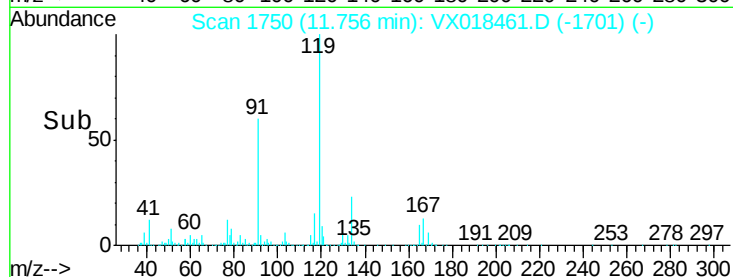
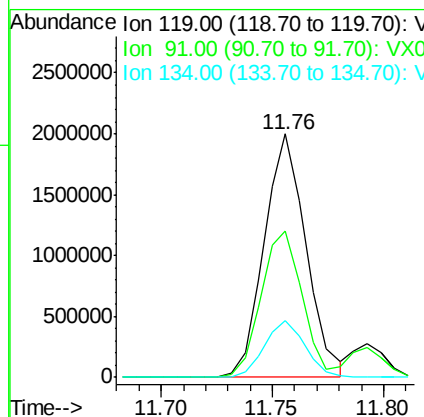
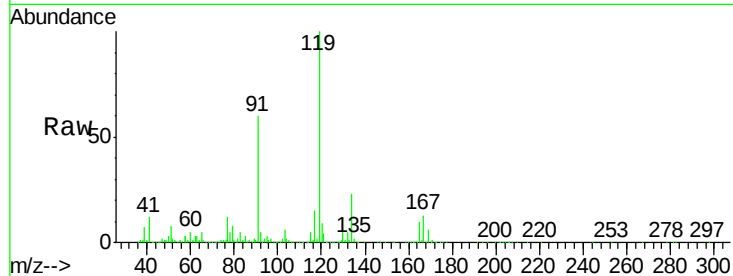
#83
tert-Butylbenzene
Concen: 103.825 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	28.9	86.7
134	22.5	11.3	33.8

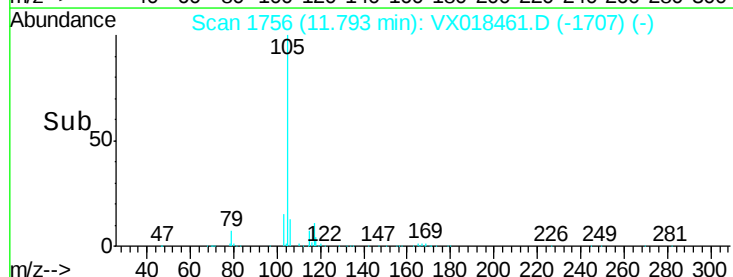
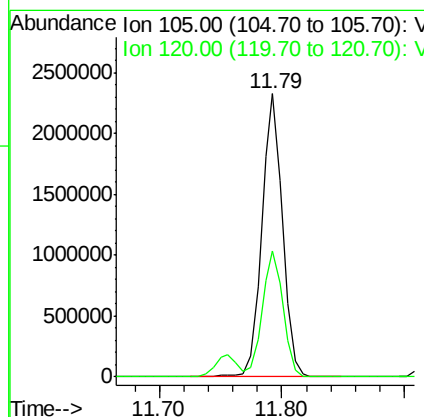
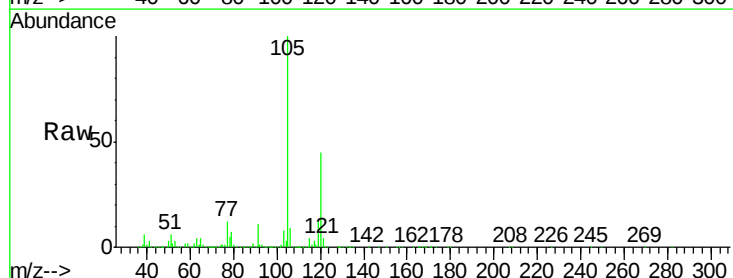
Manual Integrations
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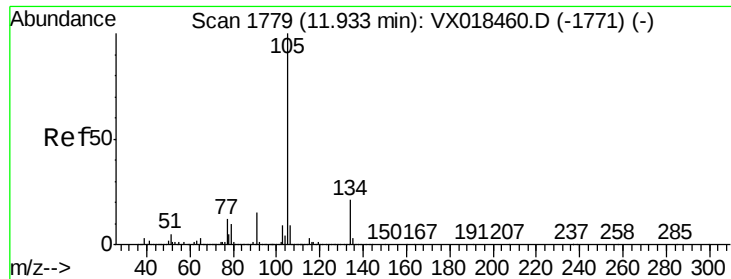
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#84
1,2,4-Trimethylbenzene
Concen: 105.962 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	21.6	65.0





#85

sec-Butylbenzene

Concen: 109.490 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 3127800

Ion Ratio Lower Upper

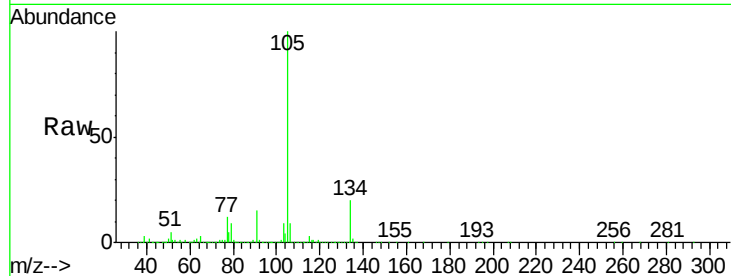
105 100

134 20.5 10.2 30.4

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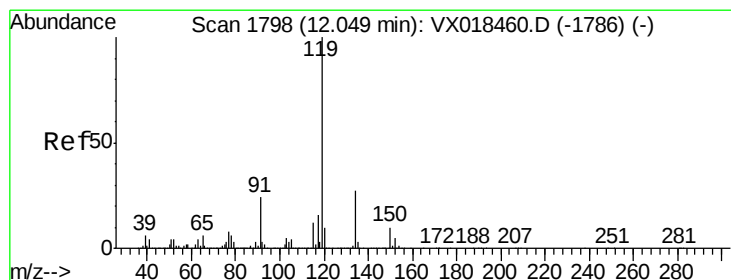
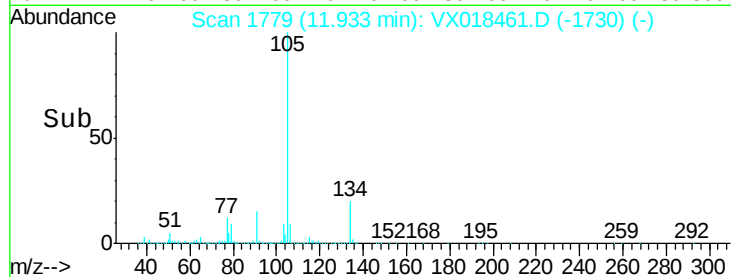
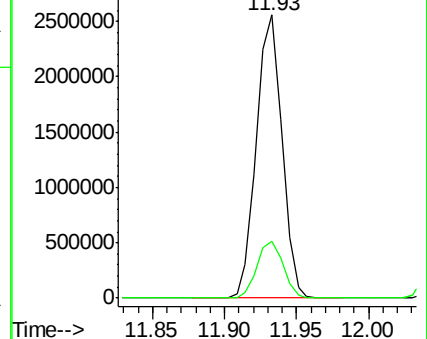
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 110.219 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

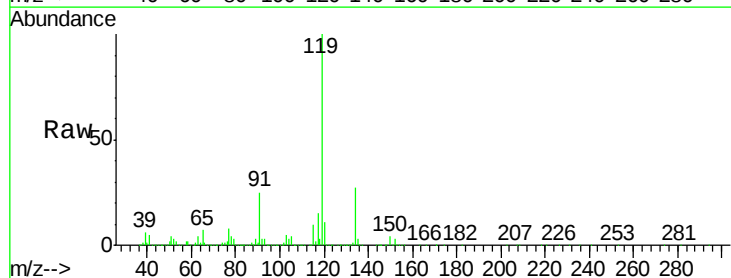
Tgt Ion:119 Resp: 2895937

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

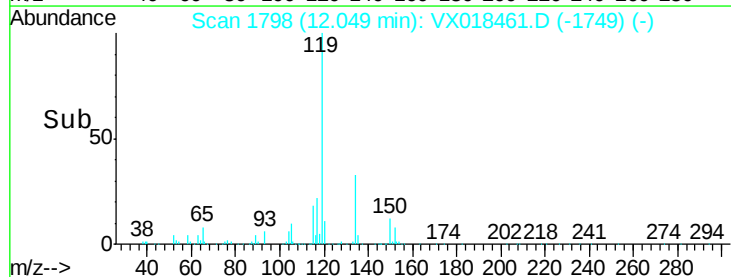
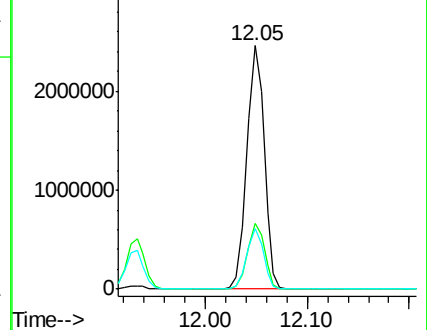
91 24.1 11.9 35.9

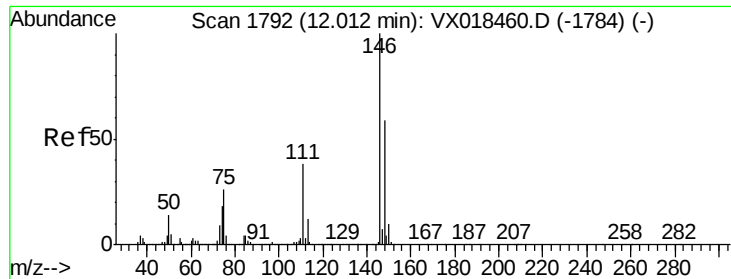


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 99.226 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018461.D

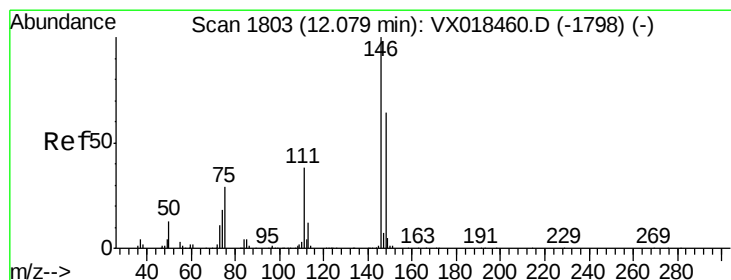
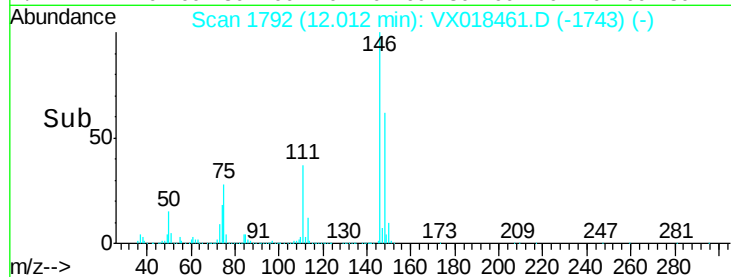
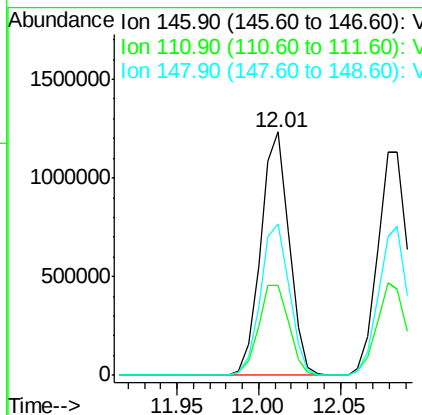
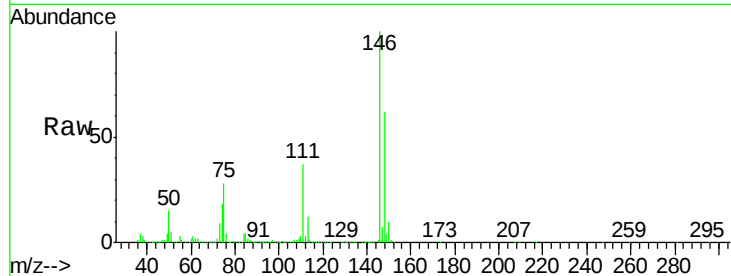
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.2
148	63.6	31.1	93.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 97.304 ug/l

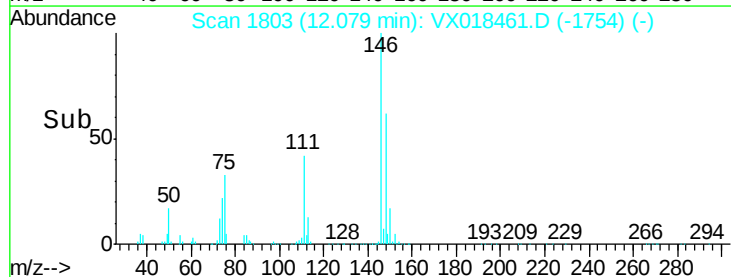
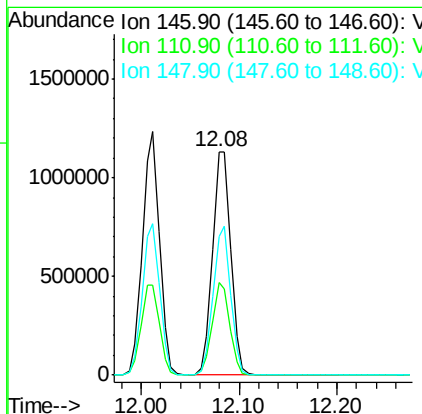
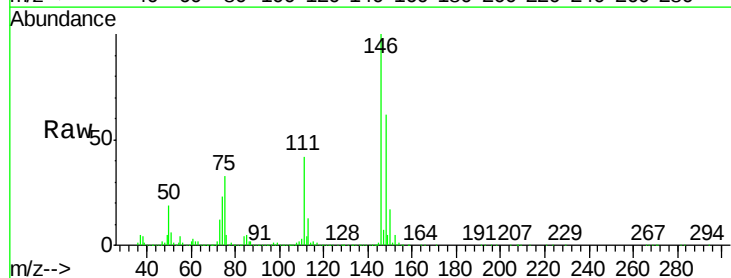
RT: 12.08 min Scan# 1803

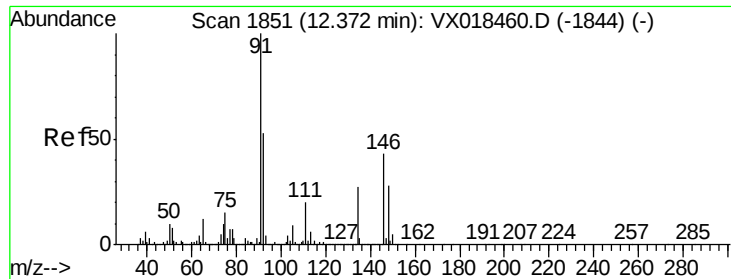
Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.4	58.4
148	63.9	31.8	95.4





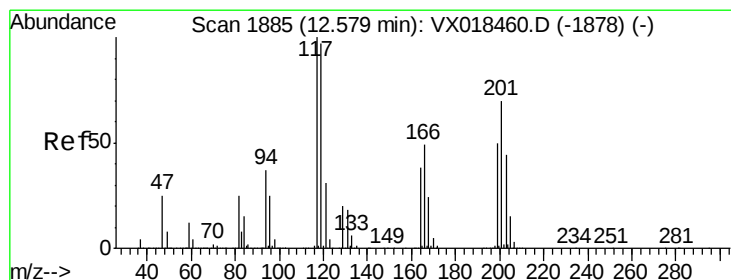
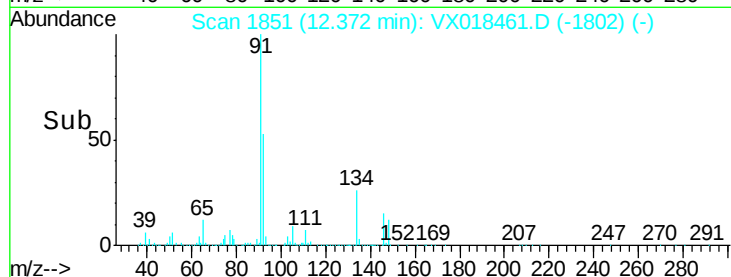
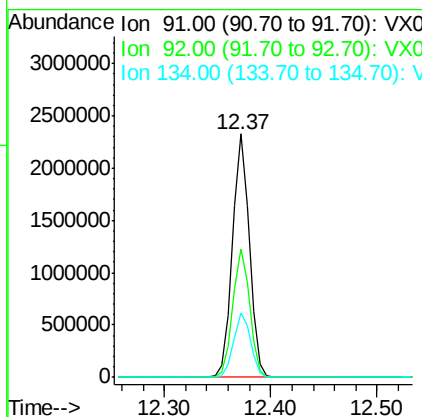
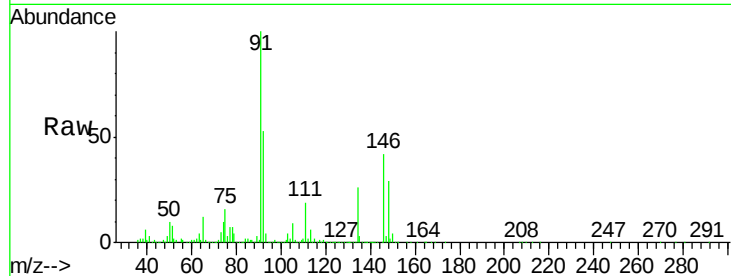
#89
n-Butylbenzene
Concen: 107.936 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.1	78.2
134	26.6	13.3	39.8

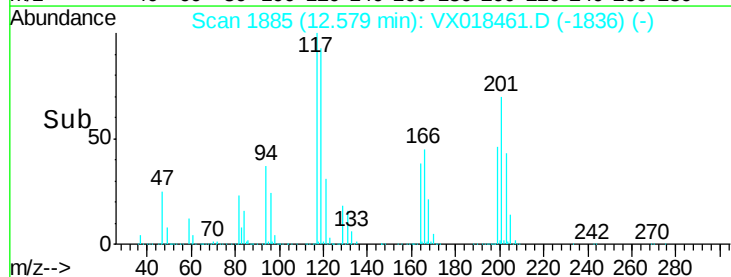
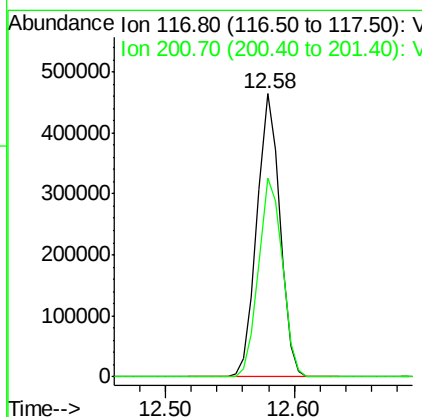
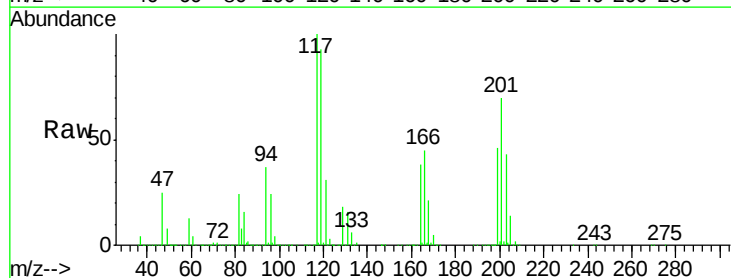
Manual Integrations
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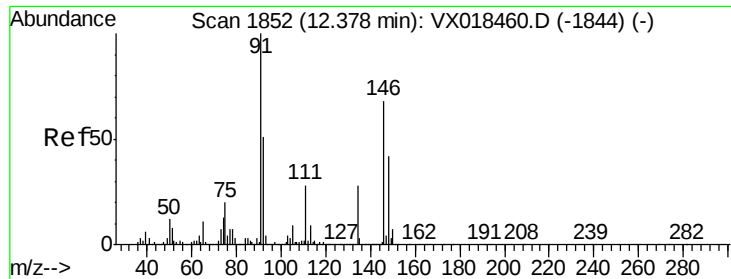
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#90
Hexachloroethane
Concen: 109.752 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018461.D
Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.1	36.2	108.6





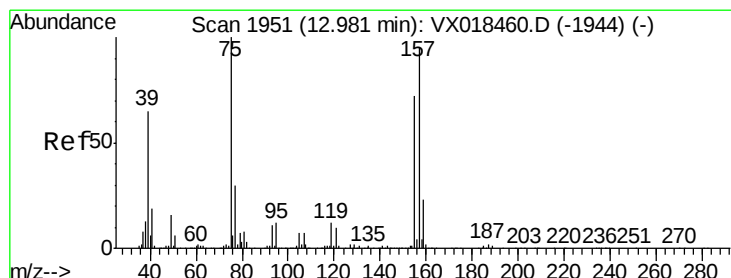
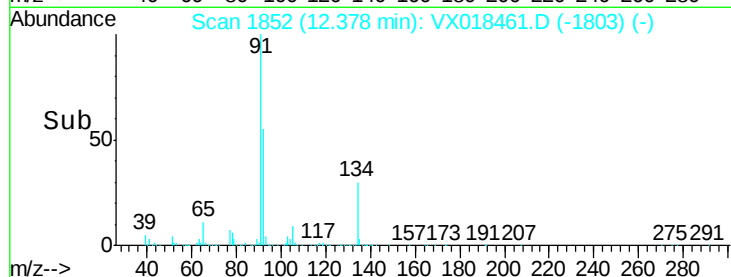
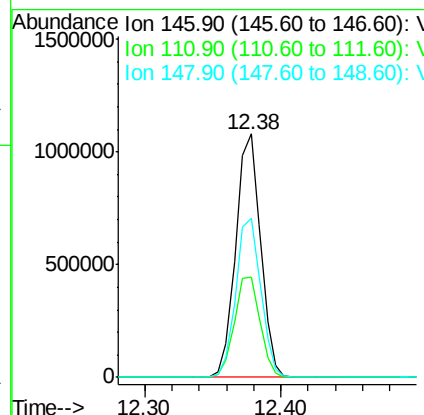
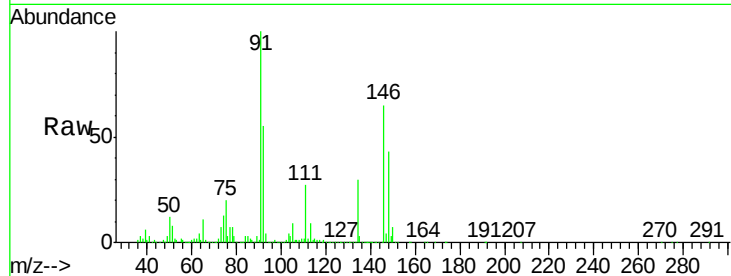
#91
 1,2-Dichlorobenzene
 Concen: 97.586 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.5	64.5
148	65.9	32.1	96.5

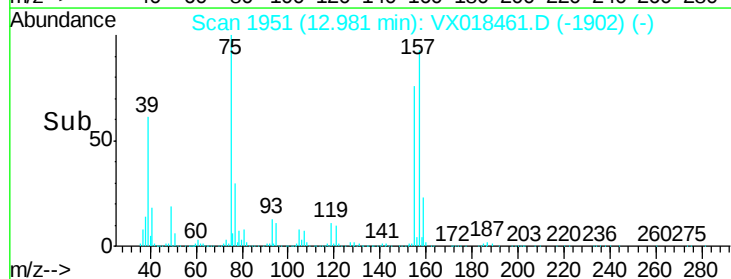
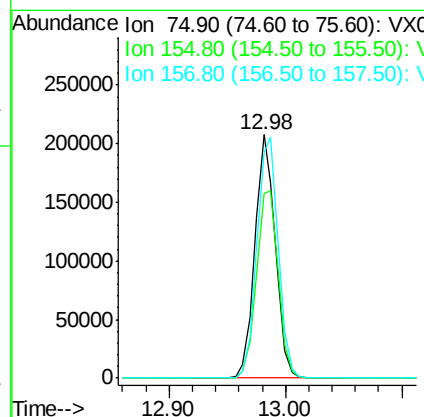
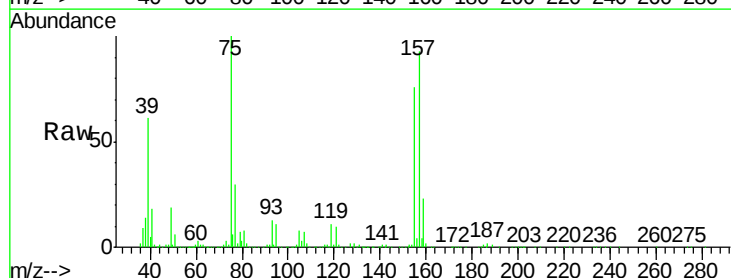
Manual Integrations
 APPROVED

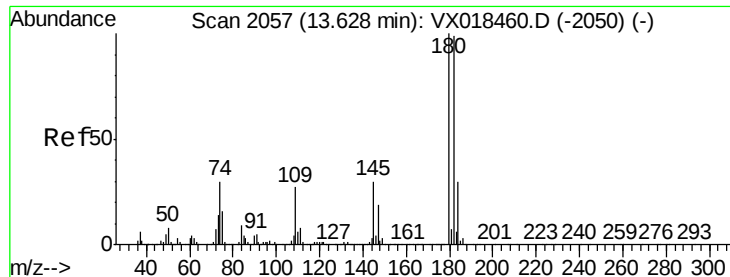
MMDadoda
 9/18/2020 12:19:41 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.550 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	38.8	116.4
157	103.4	51.1	153.3





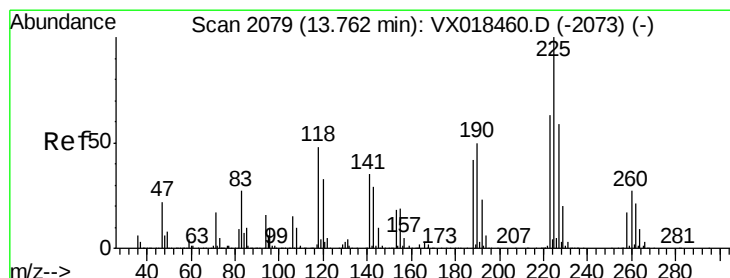
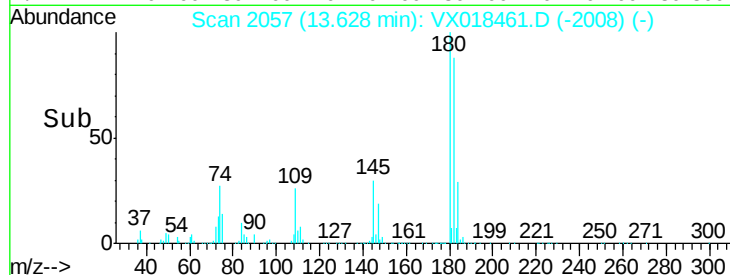
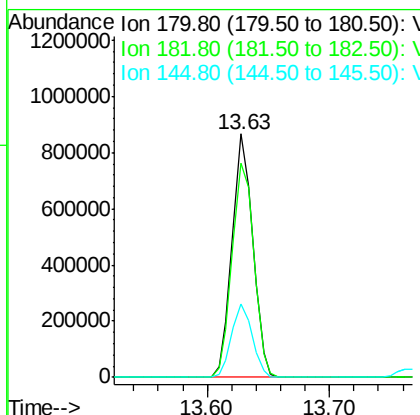
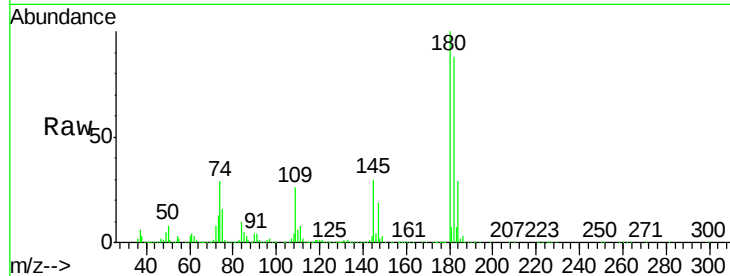
#93
 1,2,4-Trichlorobenzene
 Concen: 107.033 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	50.2	150.6
145	30.3	15.7	47.1

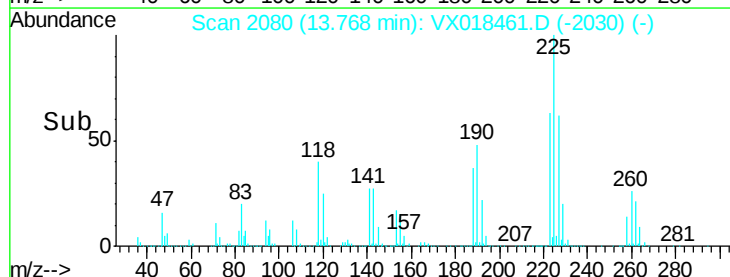
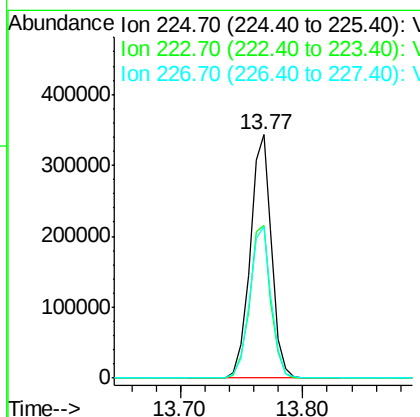
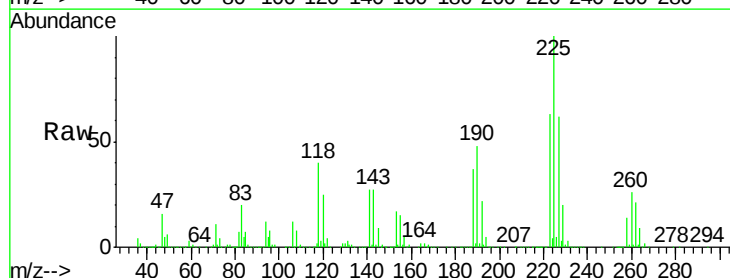
Manual Integrations
 APPROVED

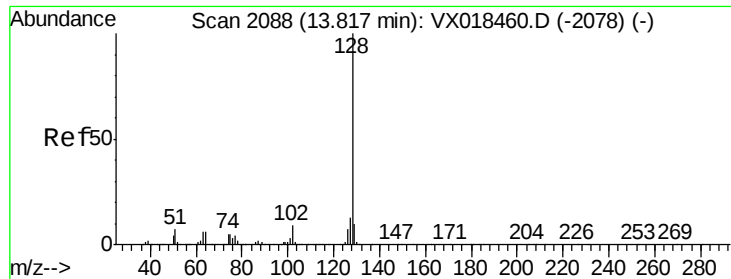
MMDadoda
 9/18/2020 12:19:41 PM



#94
 Hexachlorobutadiene
 Concen: 109.910 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018461.D
 Acq: 17 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.0	96.2
227	62.8	31.7	95.1





#95

Naphthalene

Concen: 104.294 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 3212750

Ion Ratio Lower Upper

128 100

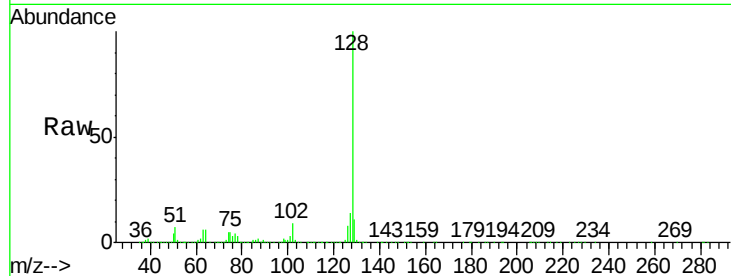
127 13.1 10.3 15.5

129 11.0 8.7 13.1

Manual Integrations
APPROVED

MMDadoda

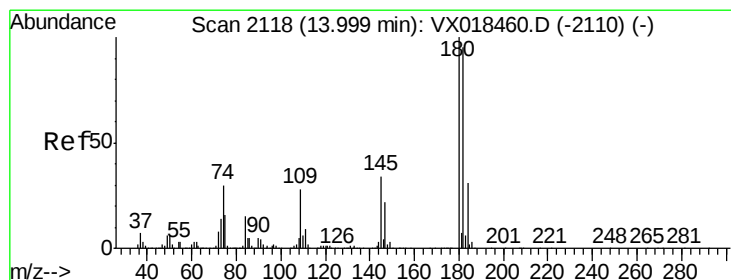
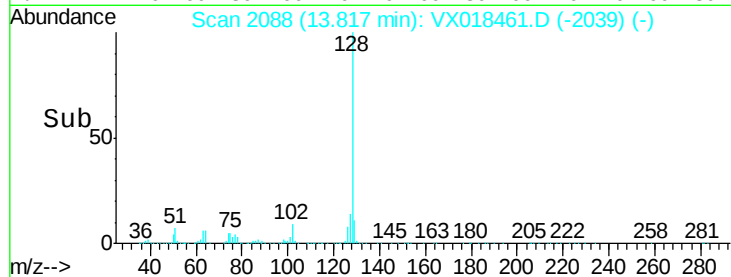
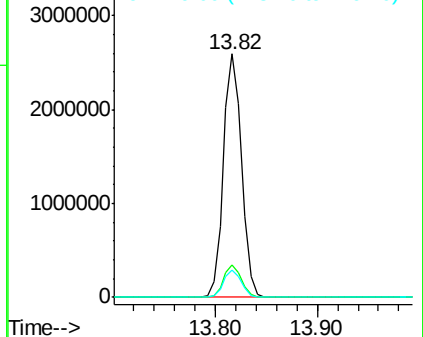
9/18/2020 12:19:41 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 98.701 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018461.D

Acq: 17 Sep 2020 11:29

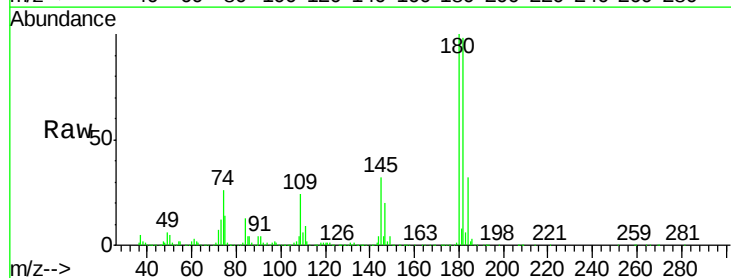
Tgt Ion:180 Resp: 922154

Ion Ratio Lower Upper

180 100

182 99.5 47.1 141.3

145 35.5 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

