

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018459.D
 Acq On : 17 Sep 2020 10:44
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:37 PM

Quant Time: Sep 17 12:06:15 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	556215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	903545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	842547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	422164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	163736	21.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.60%	
35) Dibromofluoromethane	5.46	113	129684	21.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.44%	
50) Toluene-d8	8.70	98	463375	20.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.80%	
62) 4-Bromofluorobenzene	11.12	95	180871	20.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.46%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	105971	16.312	ug/l	95
3) Chloromethane	1.31	50	120881	17.394	ug/l	98
4) Vinyl Chloride	1.39	62	125861	18.030	ug/l	98
5) Bromomethane	1.64	94	87770	24.721	ug/l	94
6) Chloroethane	1.71	64	75038	19.800	ug/l	100
7) Trichlorofluoromethane	1.92	101	191136	19.763	ug/l	96
8) Diethyl Ether	2.17	74	66529	20.229	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99030	18.852	ug/l	97
10) Methyl Iodide	2.50	142	101852	19.857	ug/l	98
11) Tert butyl alcohol	3.01	59	129840	88.011	ug/l	98
12) 1,1-Dichloroethene	2.35	96	99263	18.286	ug/l	97
13) Acrolein	2.27	56	84040	125.779	ug/l	98
14) Allyl chloride	2.71	41	196980	20.085	ug/l	97
15) Acrylonitrile	3.12	53	317783	93.601	ug/l	98
16) Acetone	2.42	43	283769	94.110	ug/l	94
17) Carbon Disulfide	2.56	76	302324	18.375	ug/l	99
18) Methyl Acetate	2.75	43	142308	19.536	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	369675	19.794	ug/l	99
20) Methylene Chloride	2.84	84	120492	17.755	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	119528	19.777	ug/l	98
22) Diisopropyl ether	3.82	45	389276	20.191	ug/l	97
23) Vinyl Acetate	3.79	43	1711277	99.798	ug/l	100
24) 1,1-Dichloroethane	3.67	63	217139	19.829	ug/l	98
25) 2-Butanone	4.64	43	461109	93.913	ug/l	96
26) 2,2-Dichloropropane	4.56	77	195673	21.457	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	133140	19.137	ug/l	100
28) Bromochloromethane	4.98	49	105108	19.809	ug/l	98
29) Tetrahydrofuran	5.09	42	292924	93.976	ug/l	99
30) Chloroform	5.18	83	219376	19.335	ug/l	97
31) Cyclohexane	5.56	56	183433	19.788	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	208245	19.899	ug/l	99
36) 1,1-Dichloropropene	5.77	75	166269	19.845	ug/l	99
37) Ethyl Acetate	4.79	43	183750	19.011	ug/l	99
38) Carbon Tetrachloride	5.76	117	184559	19.516	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	180983	19.676	ug/l	100
40) Benzene	6.11	78	472714	19.249	ug/l	99
41) Methacrylonitrile	5.00	41	97140	18.337	ug/l	99
42) 1,2-Dichloroethane	6.17	62	184676	19.566	ug/l	99
43) Isopropyl Acetate	6.42	43	287447	18.415	ug/l	99
44) Trichloroethene	7.19	130	132803	19.086	ug/l	98
45) 1,2-Dichloropropane	7.49	63	128734	19.516	ug/l	94
46) Dibromomethane	7.63	93	87921	18.863	ug/l	98
47) Bromodichloromethane	7.87	83	179808	19.372	ug/l	92
48) Methyl methacrylate	7.74	41	142646	18.367	ug/l	98
49) 1,4-Dioxane	7.71	88	46569	342.436	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	904074	94.350	ug/l	98
52) Toluene	8.77	92	300043	19.340	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	199732	19.371	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	213374	19.525	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	122839	18.601	ug/l	94
56) Ethyl methacrylate	9.16	69	184396	18.749	ug/l	99
57) 1,3-Dichloropropane	9.35	76	208594	19.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	499082	109.239	ug/l	100
59) 2-Hexanone	9.47	43	687477	94.455	ug/l	99
60) Dibromochloromethane	9.57	129	142592	18.377	ug/l	98
61) 1,2-Dibromoethane	9.65	107	133672	18.655	ug/l	100
64) Tetrachloroethene	9.32	164	127244	20.450	ug/l	94
65) Chlorobenzene	10.12	112	329004	19.511	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	129170	19.397	ug/l	100
67) Ethyl Benzene	10.24	91	580402	20.174	ug/l	97
68) m/p-Xylenes	10.34	106	433995	40.553	ug/l	100
69) o-Xylene	10.68	106	202335	19.461	ug/l	100
70) Styrene	10.69	104	353200	19.893	ug/l	97
71) Bromoform	10.84	173	106597	18.777	ug/l #	96
73) Isopropylbenzene	11.00	105	557076	20.081	ug/l	99
74) N-amyl acetate	10.88	43	241383	18.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	184115	18.856	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	174434m	18.708	ug/l	
77) Bromobenzene	11.24	156	151259	19.659	ug/l	99
78) n-propylbenzene	11.34	91	652964	20.579	ug/l	100
79) 2-Chlorotoluene	11.40	91	393300	20.158	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	481452	21.036	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	66271	19.087	ug/l	97
82) 4-Chlorotoluene	11.49	91	476344	20.510	ug/l	100
83) tert-Butylbenzene	11.76	119	456837	20.181	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	481954	20.575	ug/l	97
85) sec-Butylbenzene	11.93	105	547184	21.196	ug/l	99
86) p-Isopropyltoluene	12.05	119	507200	21.361	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	272520	20.053	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	273197	20.072	ug/l	98
89) n-Butylbenzene	12.37	91	449919	20.655	ug/l	98
90) Hexachloroethane	12.58	117	95068	20.375	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	255990	20.159	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44158	18.056	ug/l	98

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VSTDICC020

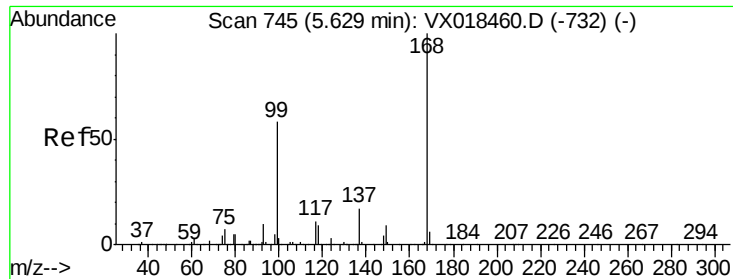
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	173988	20.437	ug/l	95
94) Hexachlorobutadiene	13.77	225	76567	22.445	ug/l	94
95) Naphthalene	13.82	128	540638	19.421	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	169029	20.019	ug/l	97

(#) = 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: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 556215

Ion Ratio Lower Upper

168 100

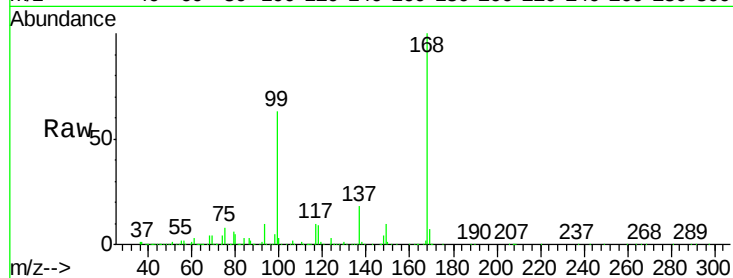
99 62.6 46.5 69.7

Manual Integrations

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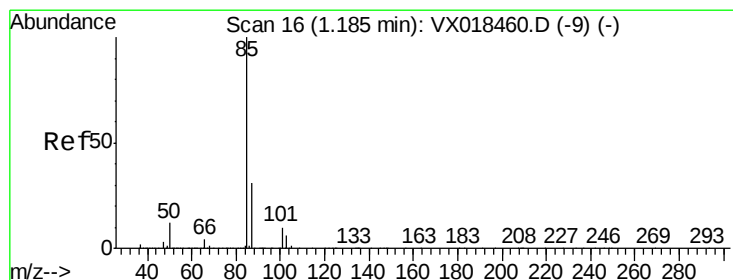
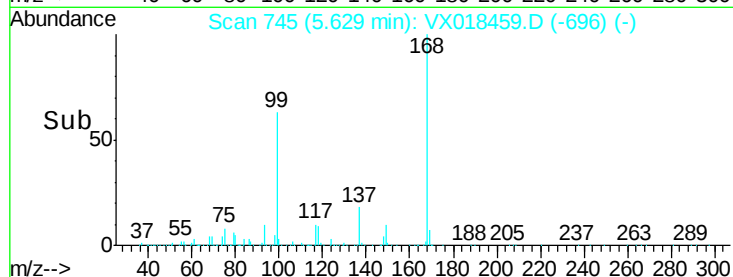
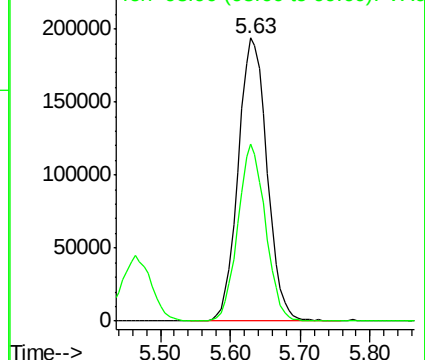
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.312 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018459.D

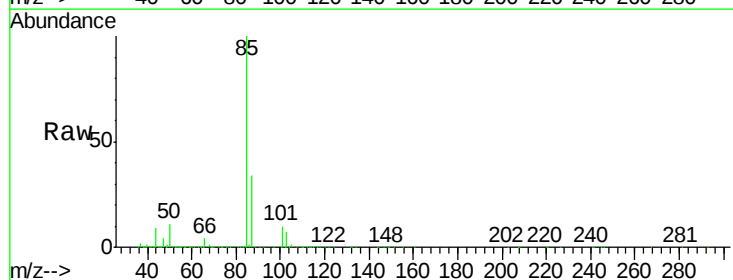
Acq: 17 Sep 2020 10:44

Tgt Ion: 85 Resp: 105971

Ion Ratio Lower Upper

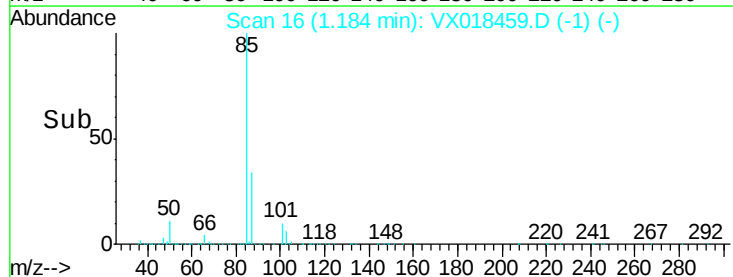
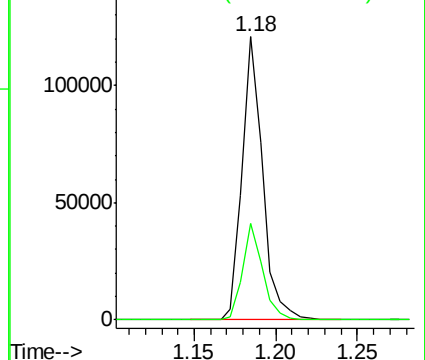
85 100

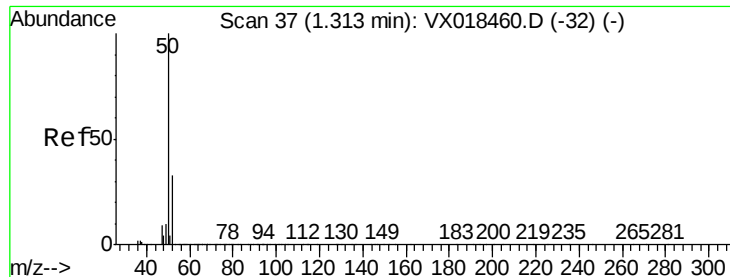
87 34.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.394 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 120881

Ion Ratio Lower Upper

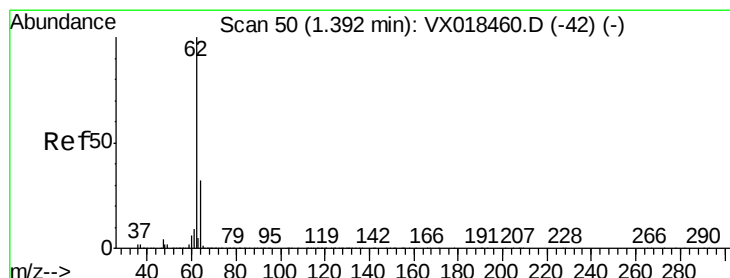
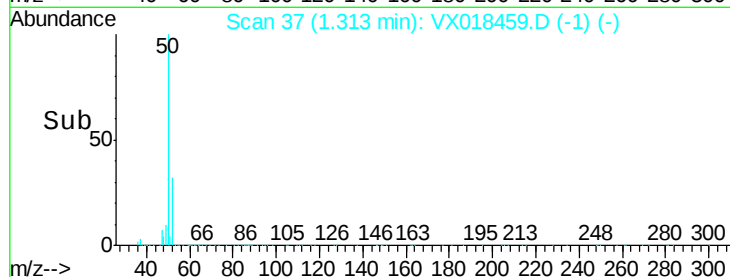
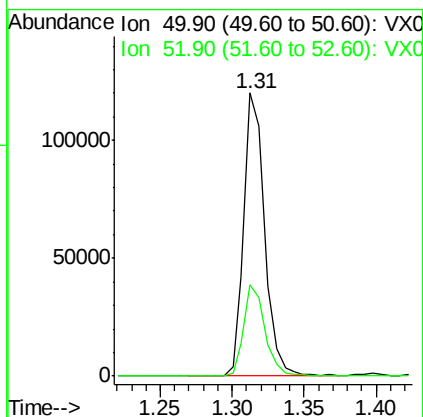
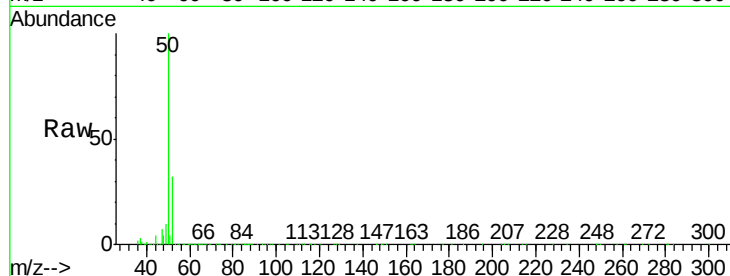
50 100

52 32.0 26.6 40.0

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#4

Vinyl Chloride

Concen: 18.030 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018459.D

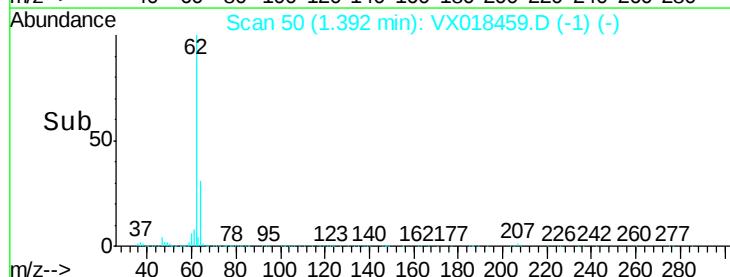
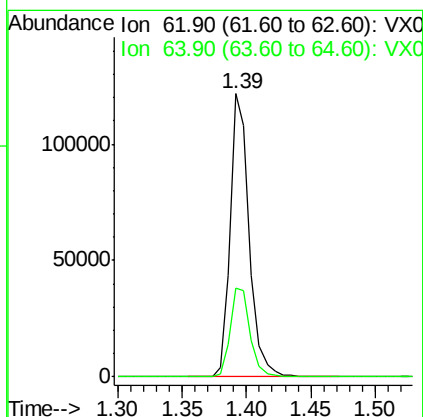
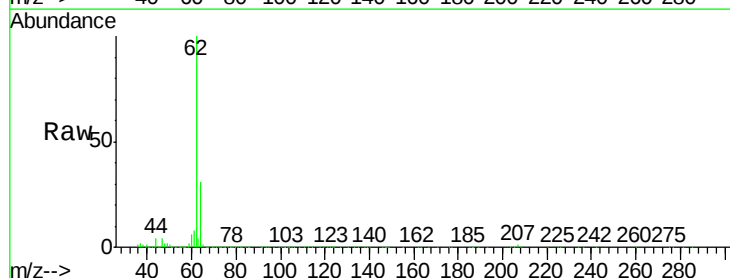
Acq: 17 Sep 2020 10:44

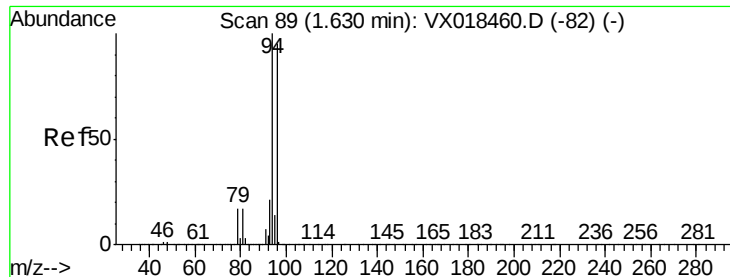
Tgt Ion: 62 Resp: 125861

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 24.721 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 87770

Ion Ratio Lower Upper

94 100

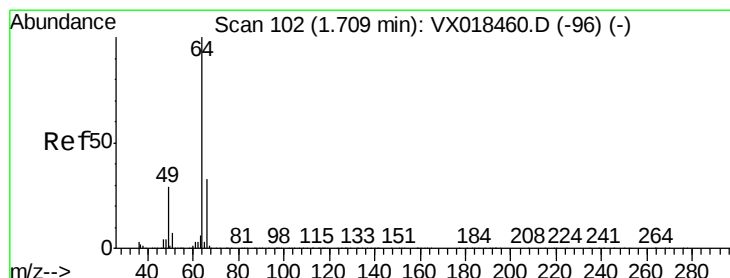
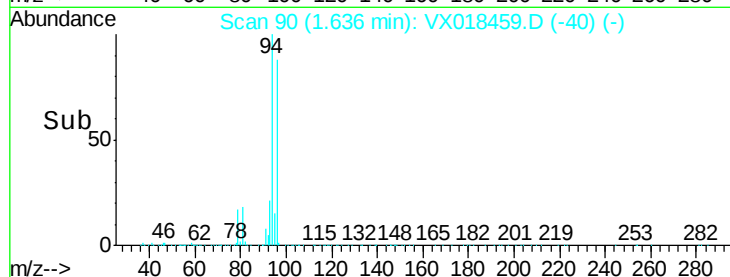
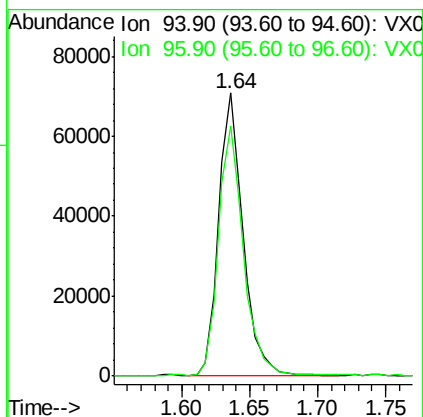
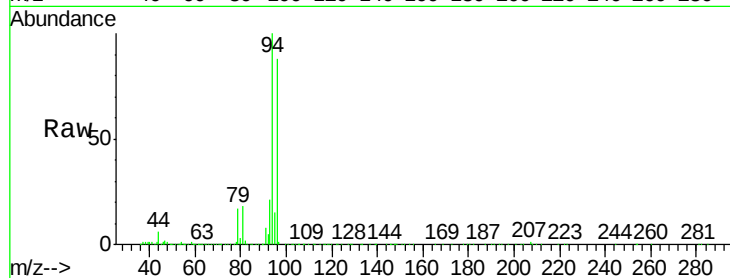
96 88.2 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 19.800 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018459.D

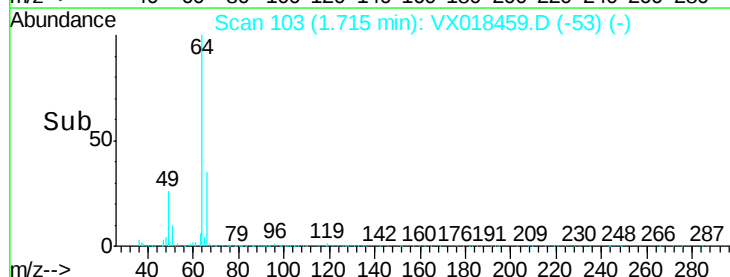
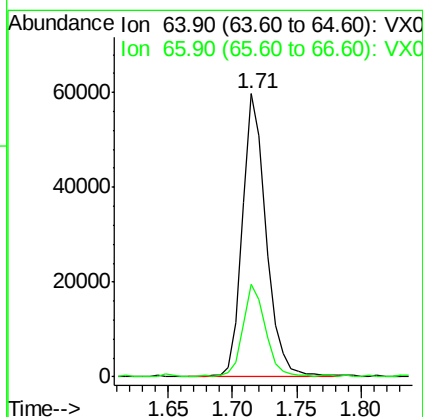
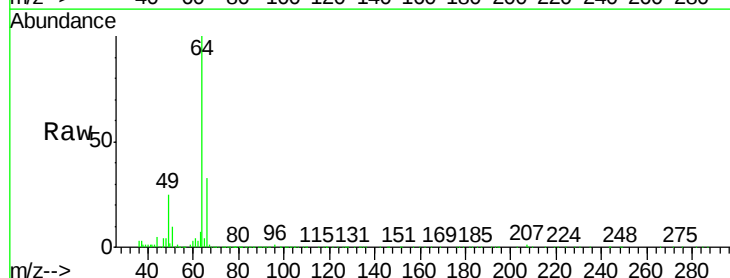
Acq: 17 Sep 2020 10:44

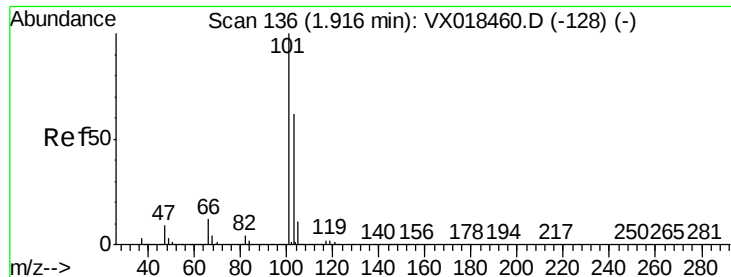
Tgt Ion: 64 Resp: 75038

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.4





#7

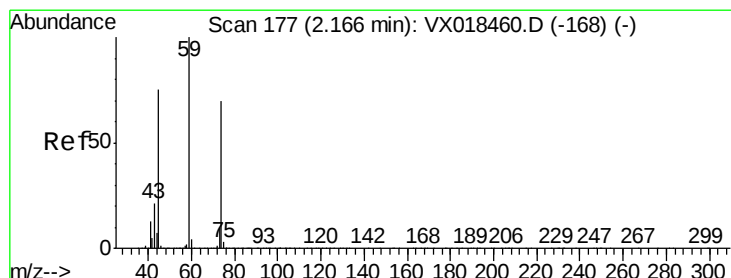
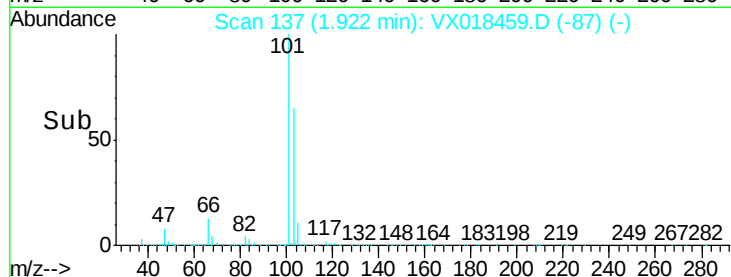
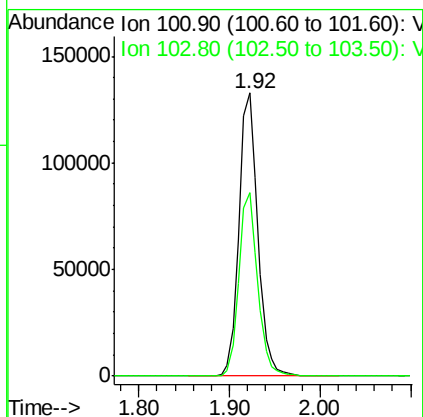
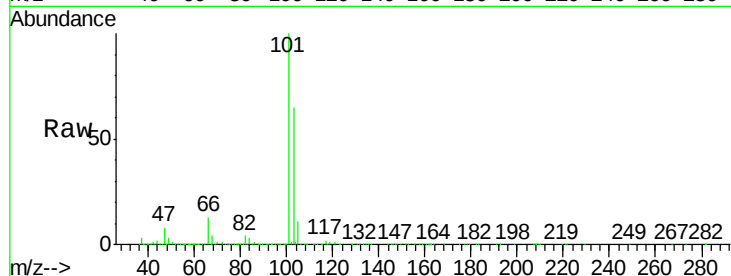
Trichlorofluoromethane
Concen: 19.763 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	191136		
103	65.0	49.6	74.4	

Manual Integrations
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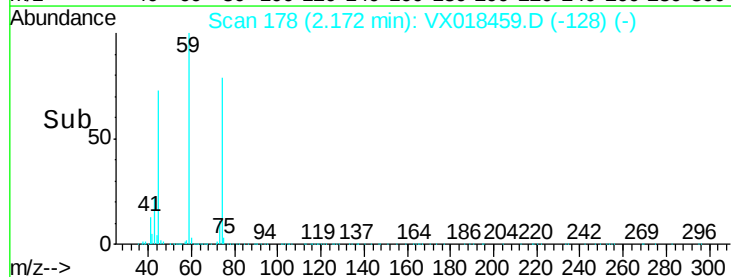
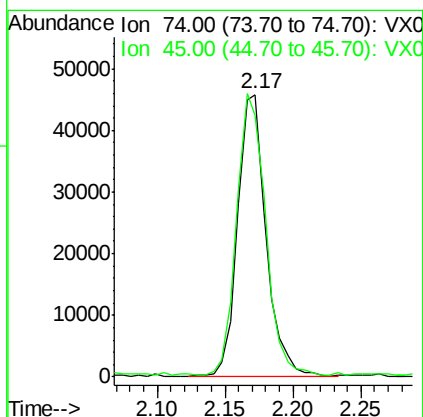
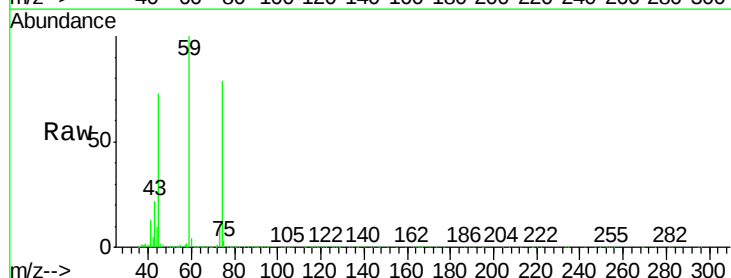
MMDadoda
9/18/2020 12:19:37 PM

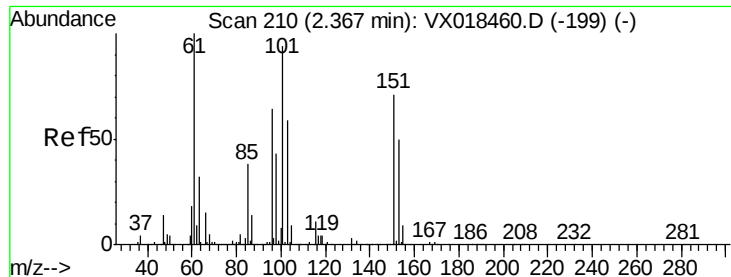


#8

Diethyl Ether
Concen: 20.229 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	66529		
45	101.8	50.7	152.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.852 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

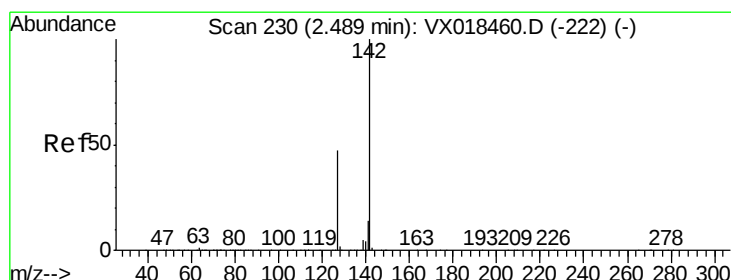
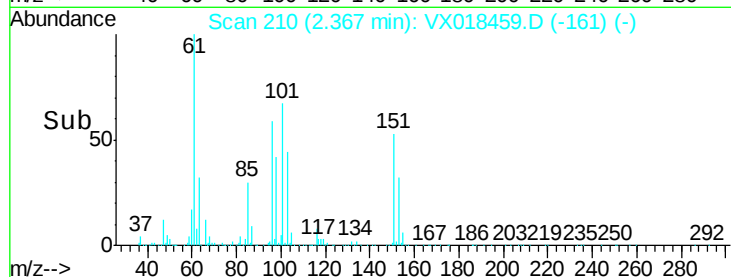
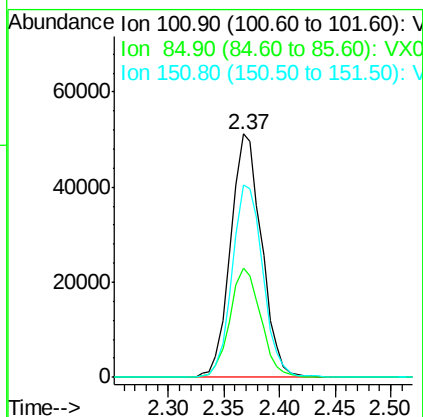
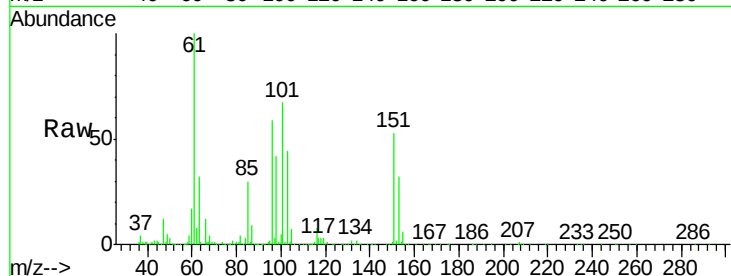
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	99030
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.7	52.1
151	78.2	64.9	97.3

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#10

Methyl Iodide

Concen: 19.857 ug/l

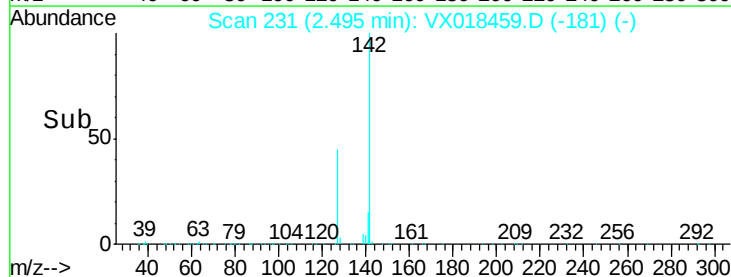
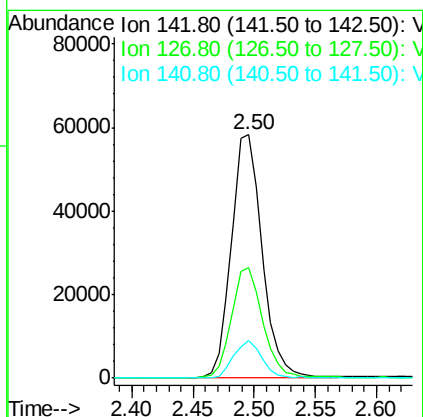
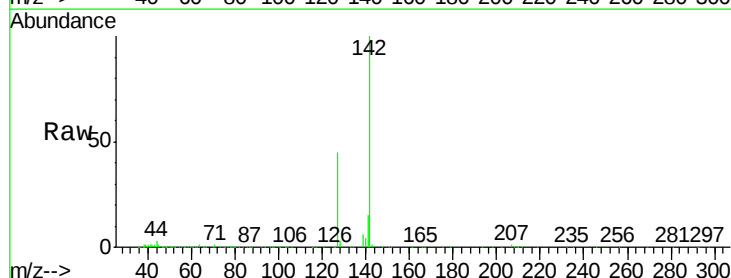
RT: 2.50 min Scan# 231

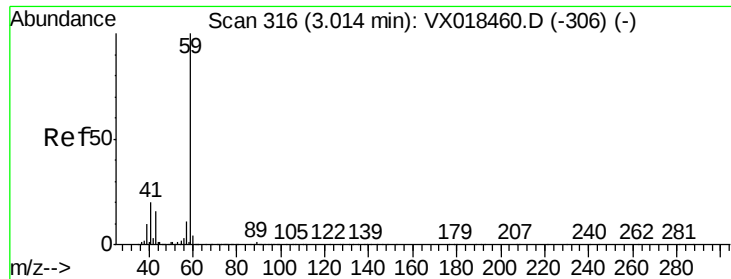
Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion:	142	Resp:	101852
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.0	54.0
141	14.4	11.9	17.9





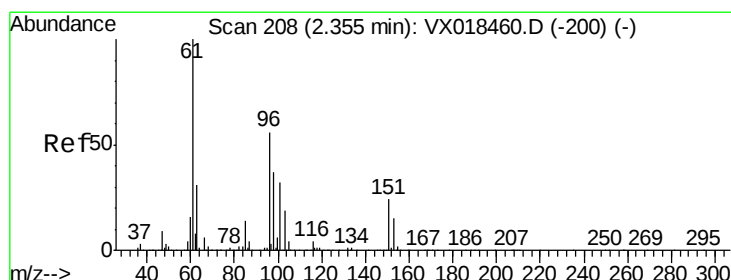
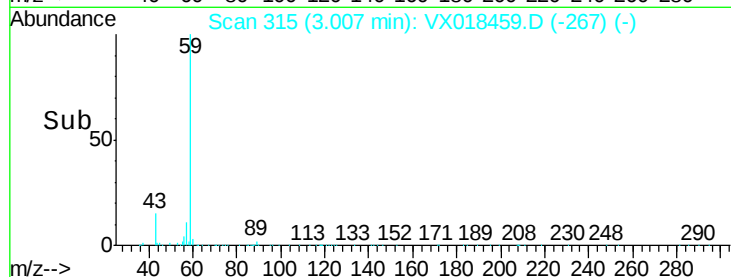
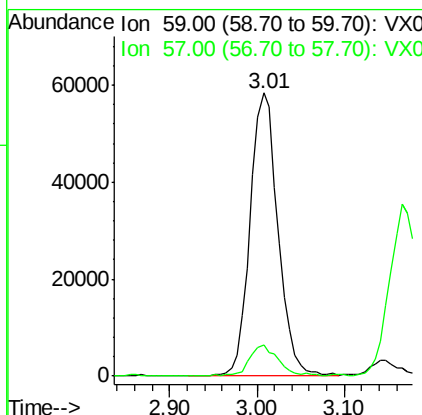
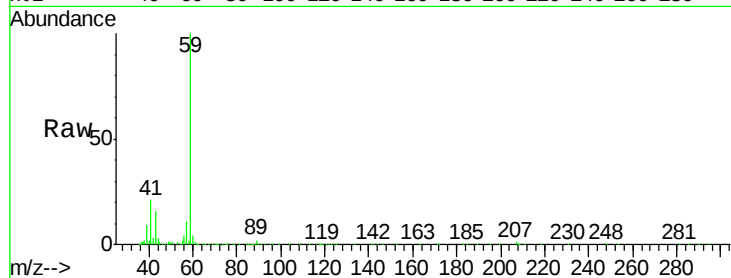
#11
Tert butyl alcohol
Concen: 88.011 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion: 59 Resp: 129840
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

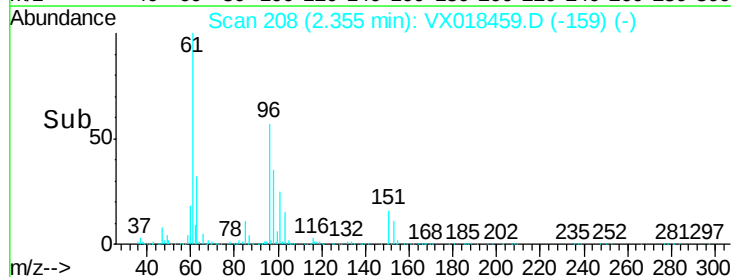
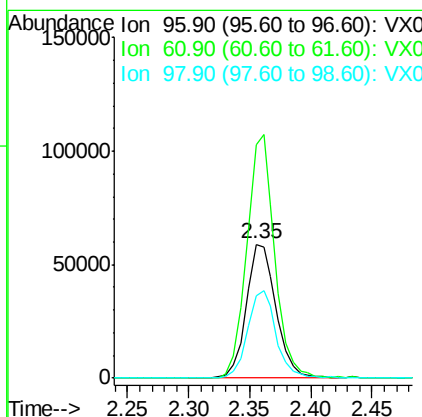
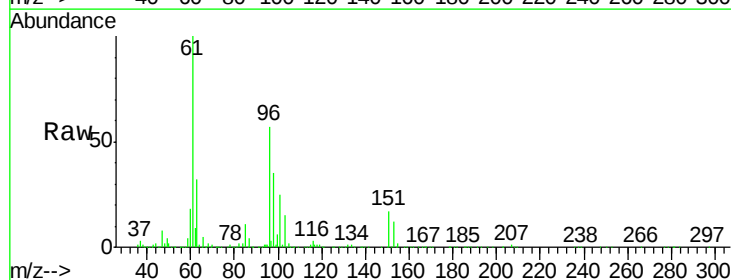
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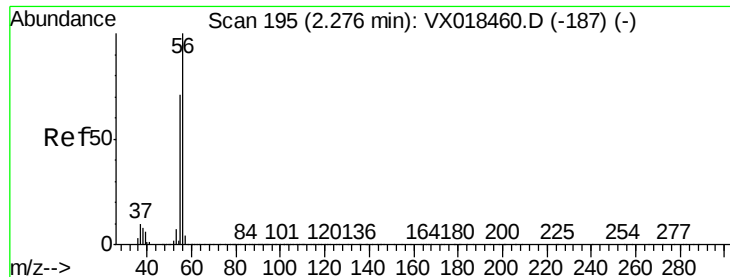
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.286 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 96 Resp: 99263
Ion Ratio Lower Upper
96 100
61 174.0 142.2 213.4
98 61.5 52.4 78.6





#13

Acrolein

Concen: 125.779 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 84040

Ion Ratio Lower Upper

56 100

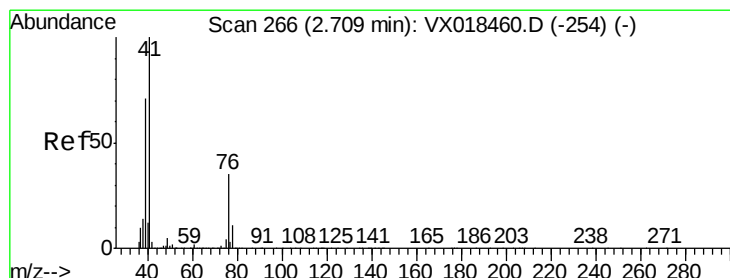
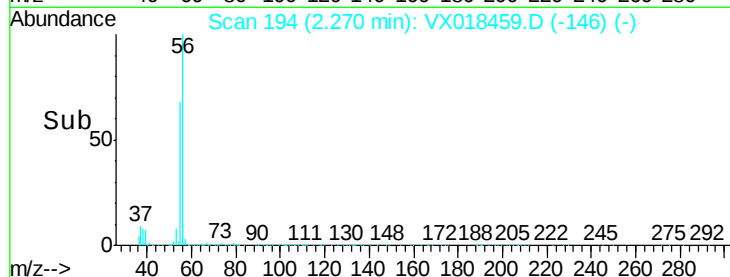
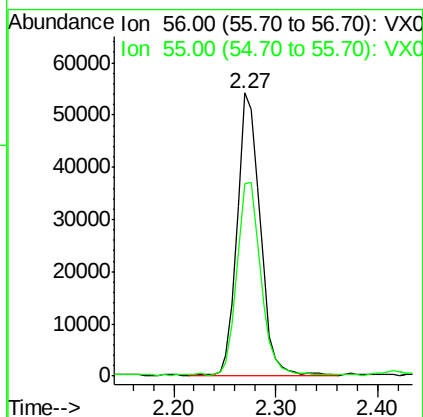
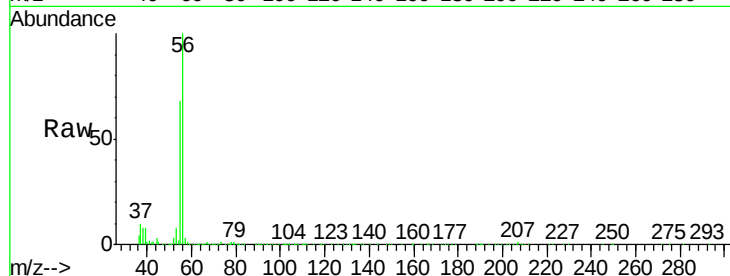
55 70.9 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 20.085 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

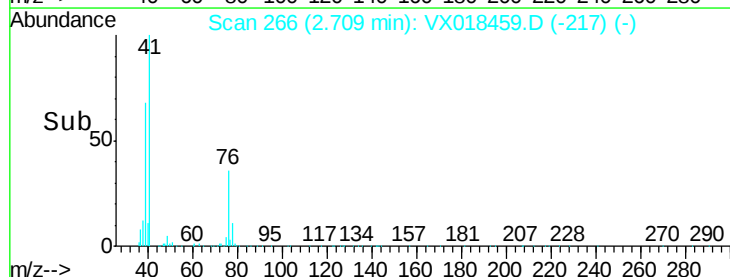
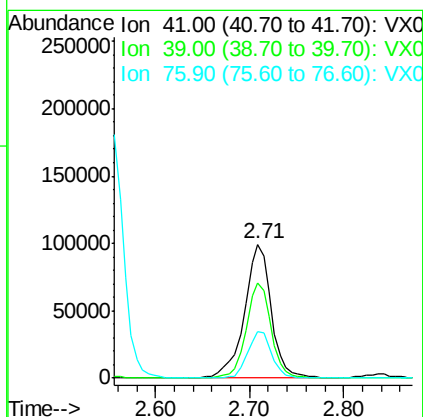
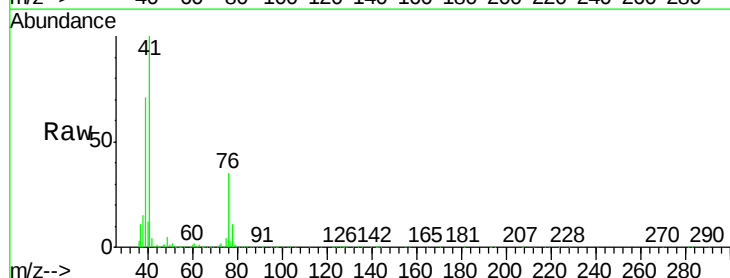
Tgt Ion: 41 Resp: 196980

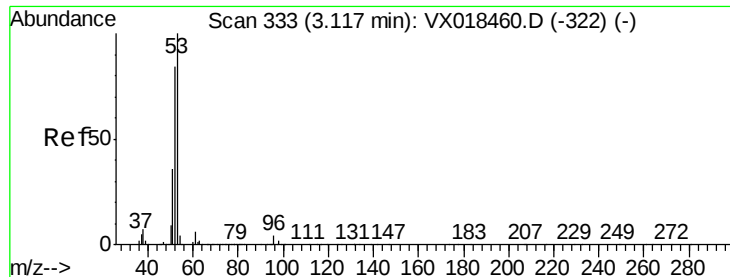
Ion Ratio Lower Upper

41 100

39 66.2 51.1 76.7

76 31.1 26.0 39.0





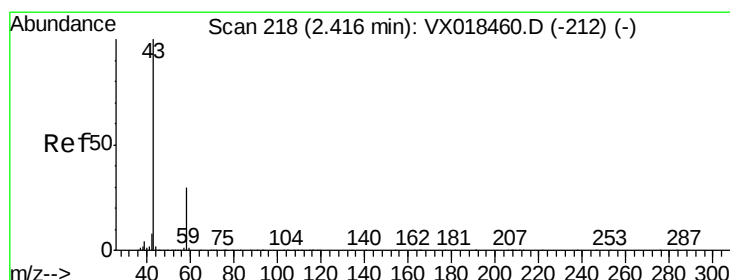
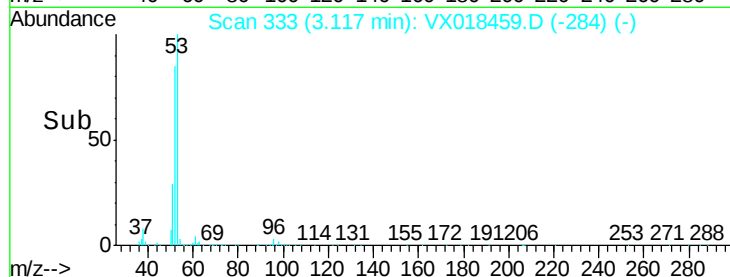
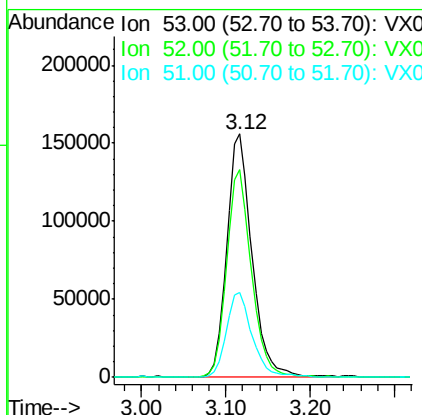
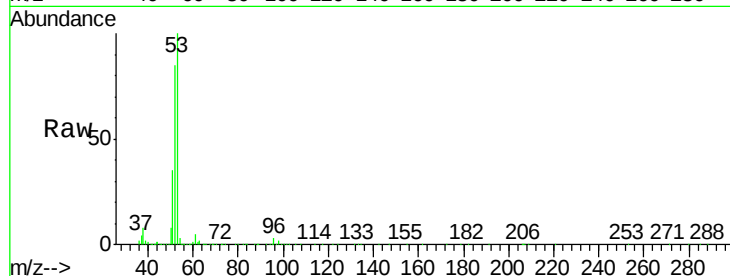
#15
 Acrylonitrile
 Concen: 93.601 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	53	Resp:	317783
Ion Ratio	Lower	Upper	
53	100		
52	84.0	65.8	98.8
51	36.0	29.2	43.8

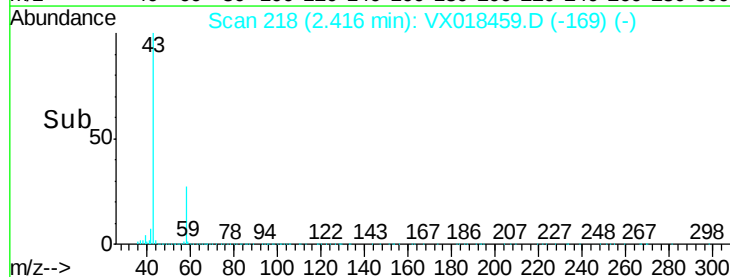
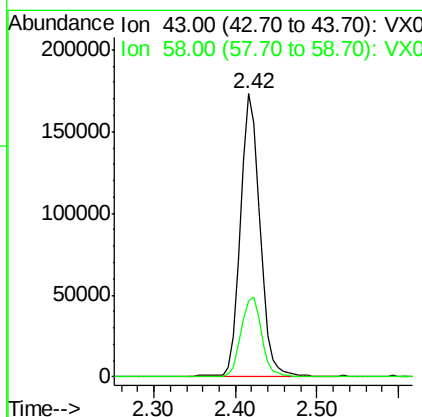
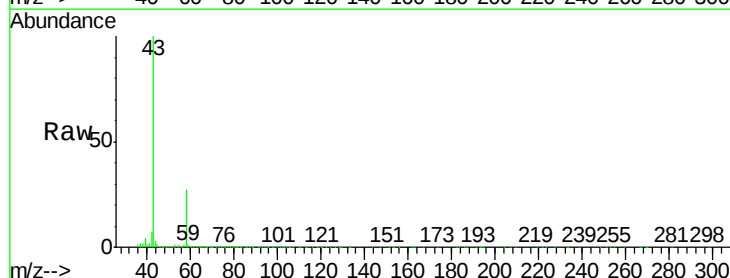
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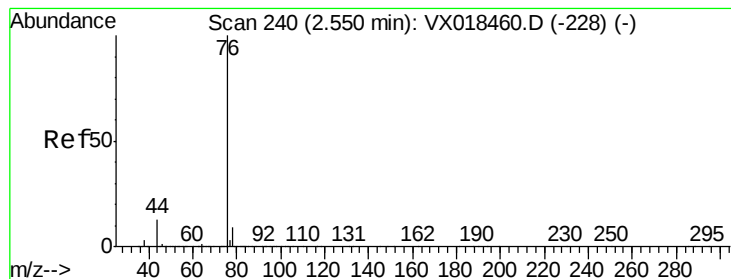
MMDadoda
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#16
 Acetone
 Concen: 94.110 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion:	43	Resp:	283769
Ion Ratio	Lower	Upper	
43	100		
58	26.8	24.0	36.0





#17

Carbon Disulfide

Concen: 18.375 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 302324

Ion Ratio Lower Upper

76 100

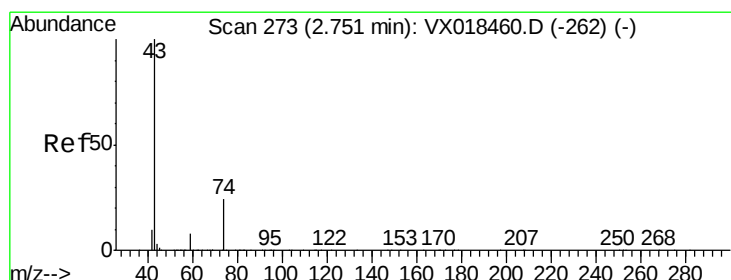
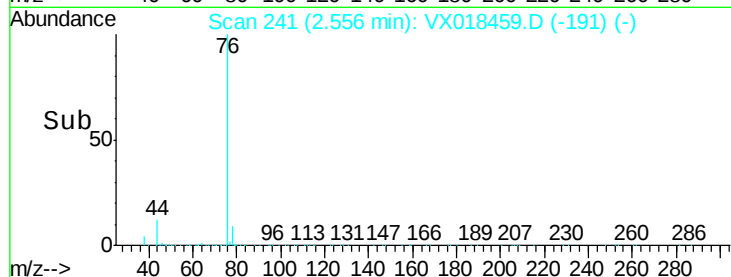
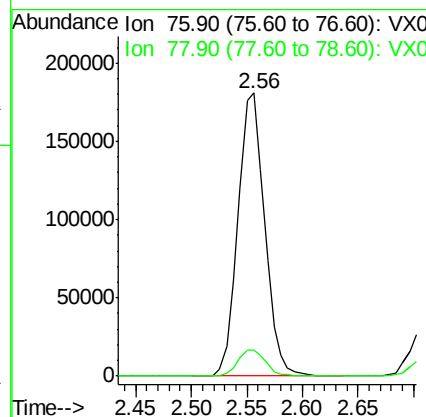
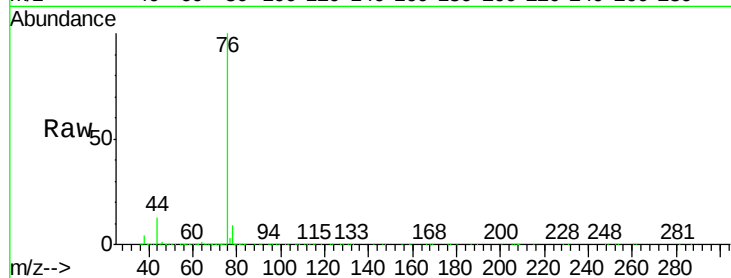
78 9.0 7.0 10.4

Manual Integrations

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#18

Methyl Acetate

Concen: 19.536 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018459.D

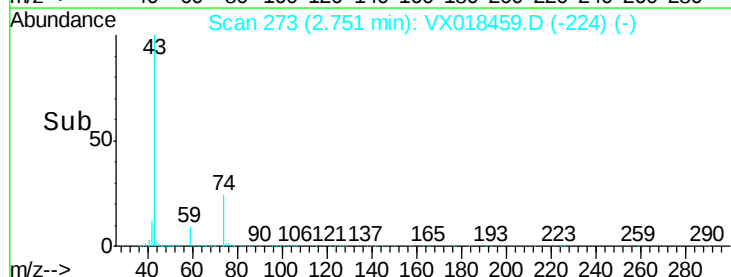
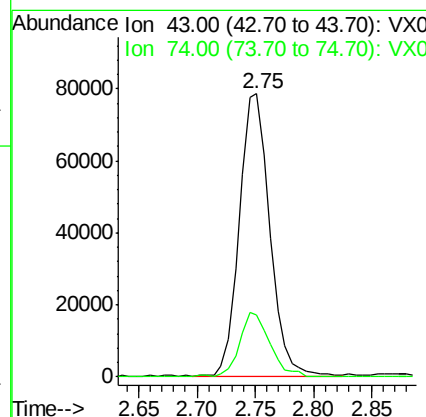
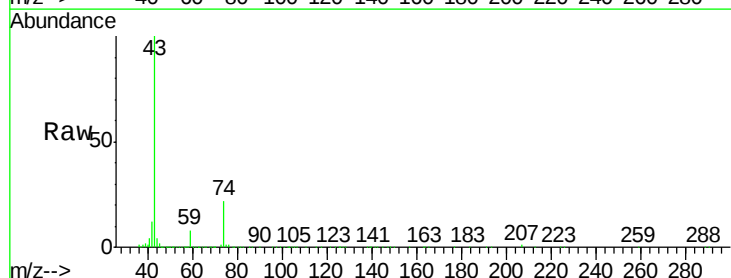
Acq: 17 Sep 2020 10:44

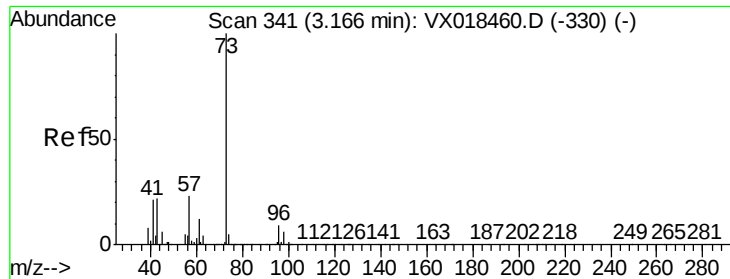
Tgt Ion: 43 Resp: 142308

Ion Ratio Lower Upper

43 100

74 23.1 18.3 27.5





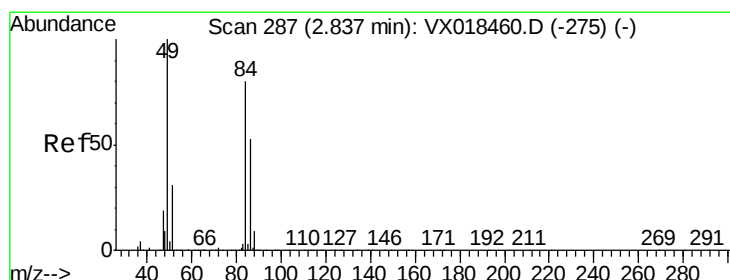
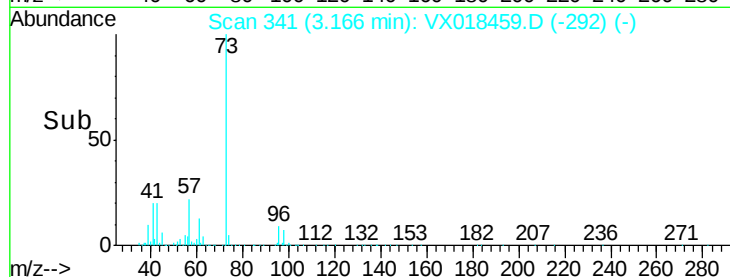
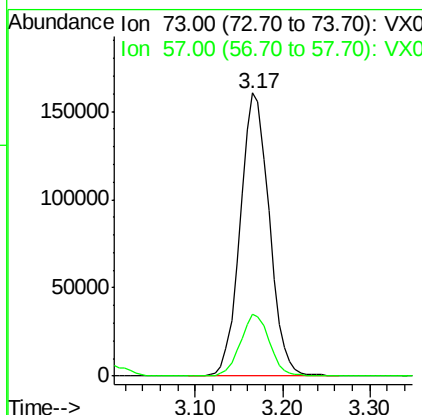
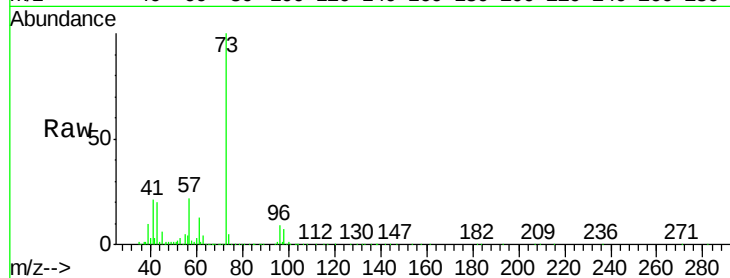
#19
Methvl tert-butvl Ether
Concen: 19.794 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 369675
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0

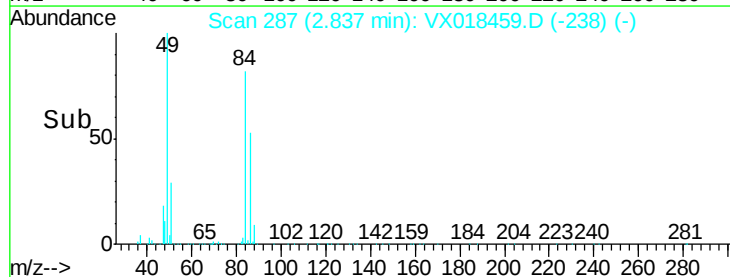
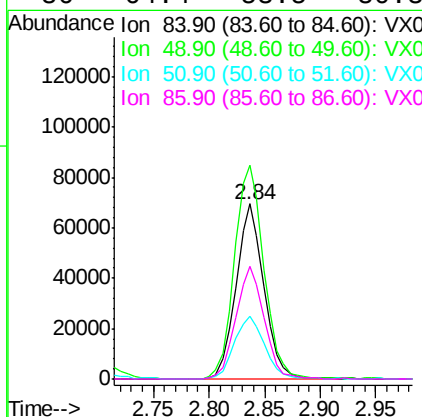
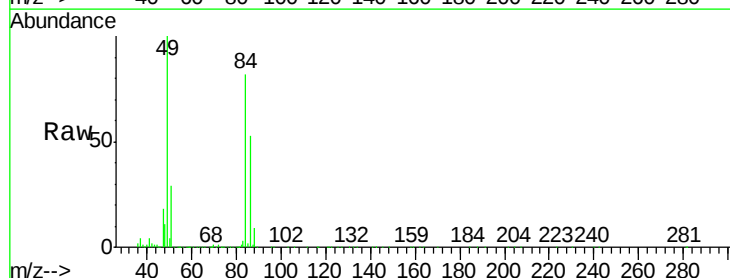
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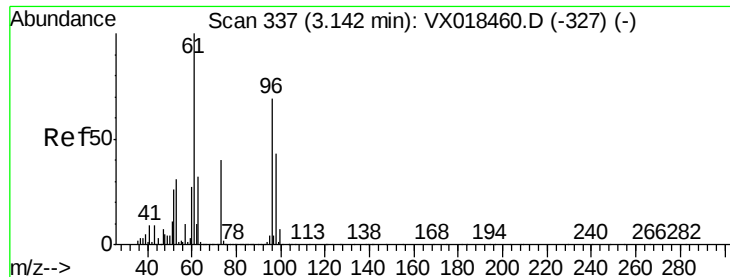
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#20
Methylene Chloride
Concen: 17.755 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 84 Resp: 120492
Ion Ratio Lower Upper
84 100
49 121.8 100.6 151.0
51 35.7 30.9 46.3
86 64.4 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 19.777 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 119528

Ion Ratio Lower Upper

96 100

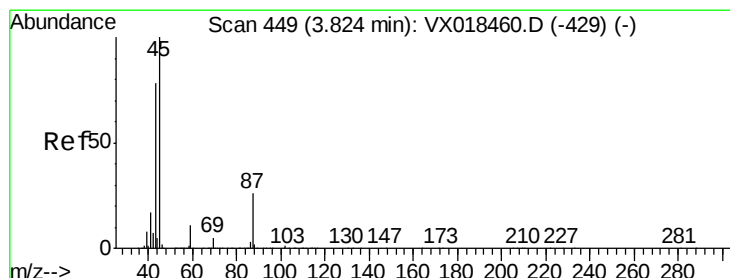
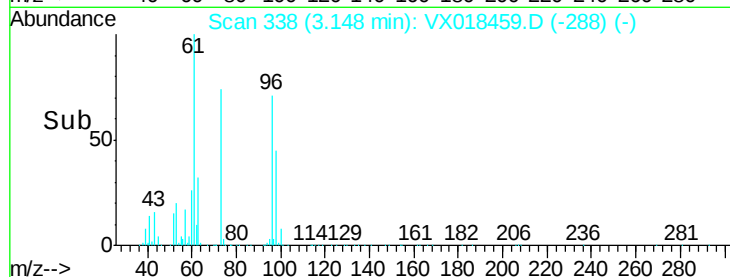
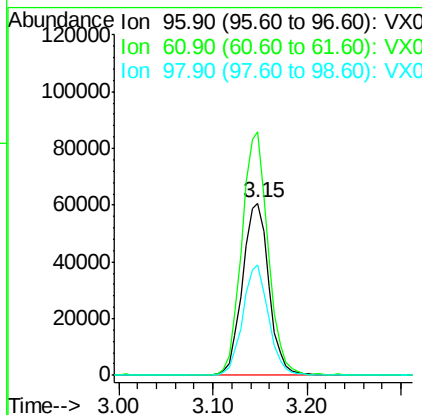
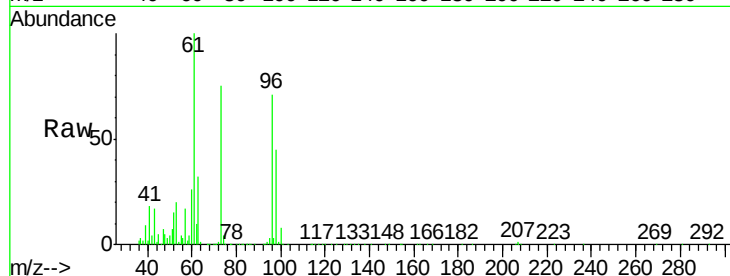
61 141.2 115.6 173.4

98 63.8 50.2 75.4

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#22

Diisopropyl ether

Concen: 20.191 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion: 45 Resp: 389276

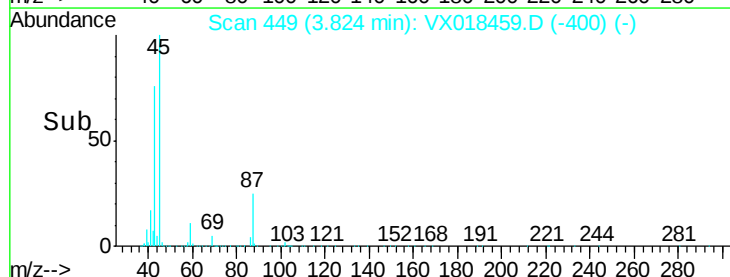
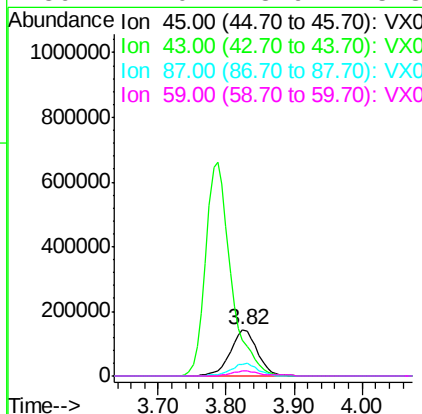
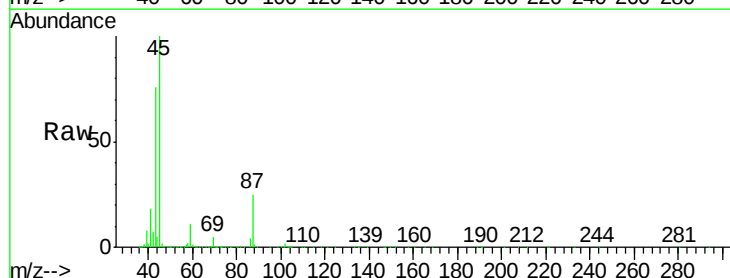
Ion Ratio Lower Upper

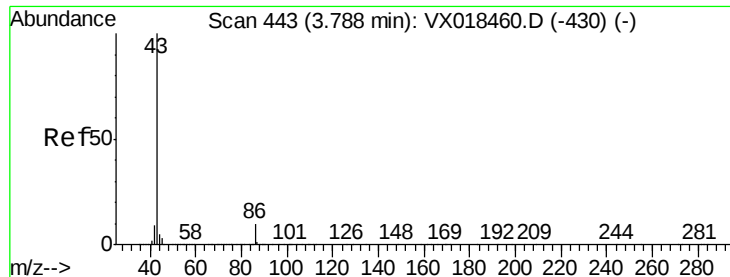
45 100

43 75.6 62.4 93.6

87 24.9 21.2 31.8

59 11.0 8.9 13.3





#23

Vinyl Acetate

Concen: 99.798 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 1711277

Ion Ratio Lower Upper

43 100

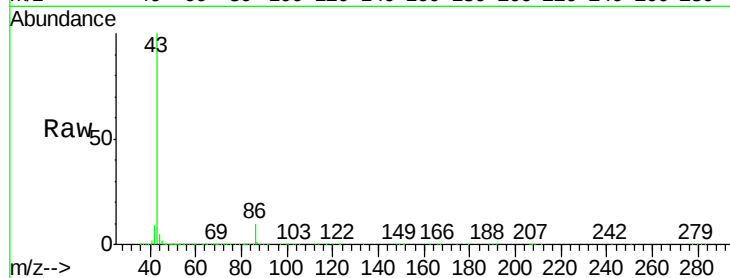
86 10.0 8.1 12.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

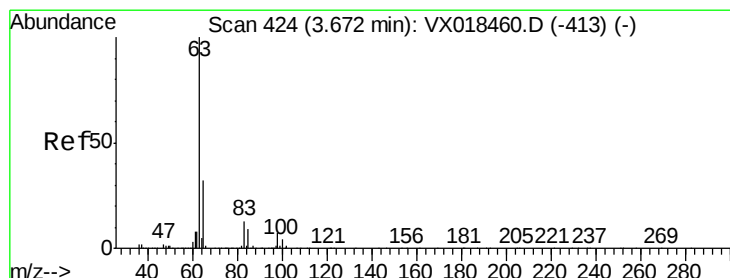
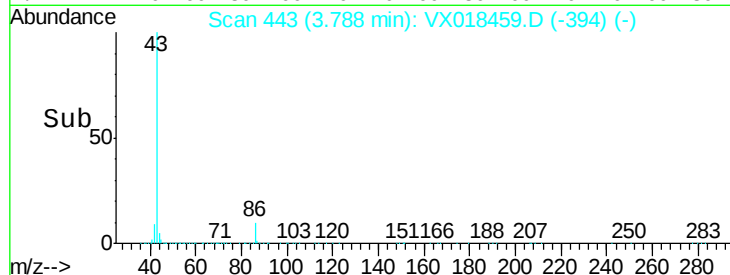
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.829 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

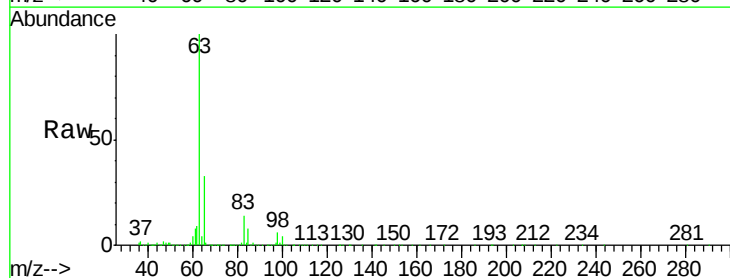
Tgt Ion: 63 Resp: 217139

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.6

100 4.2 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

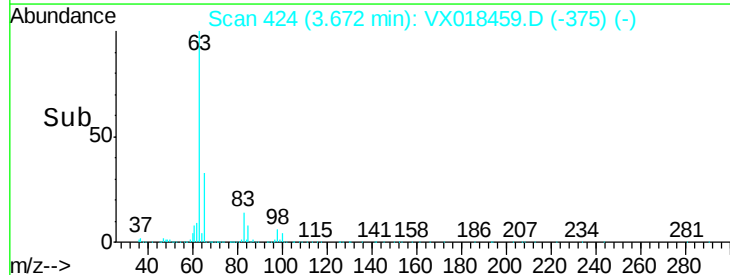
60000

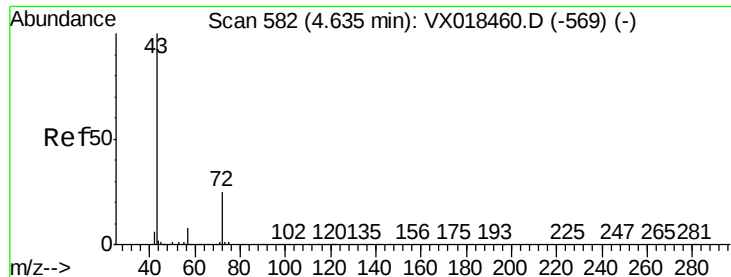
40000

20000

0

Time-->





#25

2-Butanone

Concen: 93.913 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tot Ion: 43 Resp: 461109

Ion Ratio Lower Upper

43 100

72 23.3 20.2 30.4

Instrument :

MSVOA_X

ClientSampled :

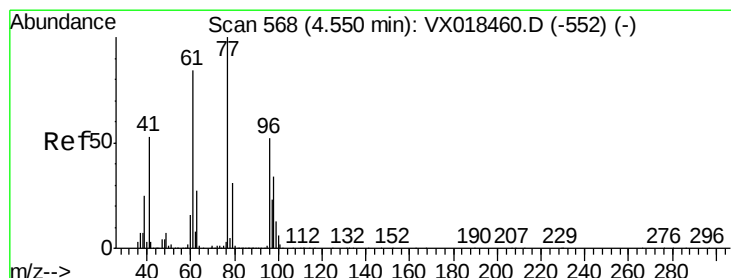
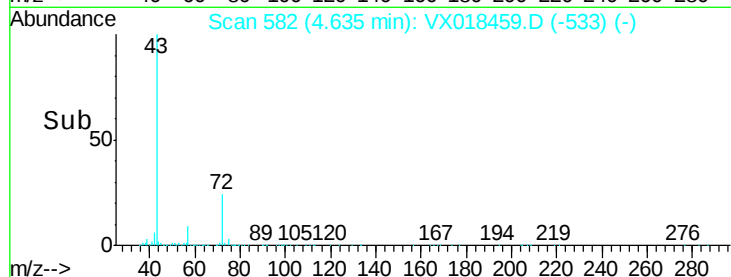
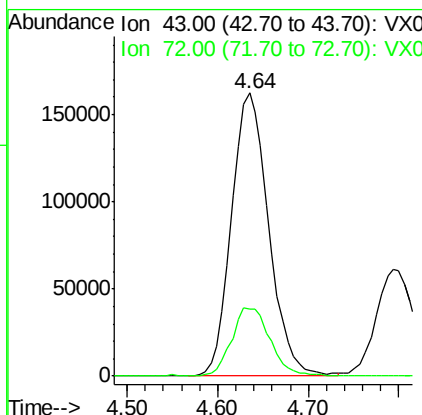
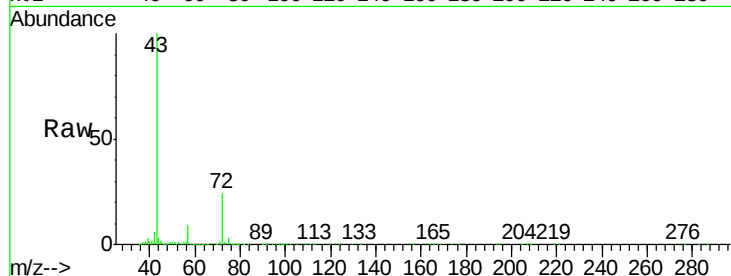
VSTDIC020

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#26

2,2-Dichloropropane

Concen: 21.457 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018459.D

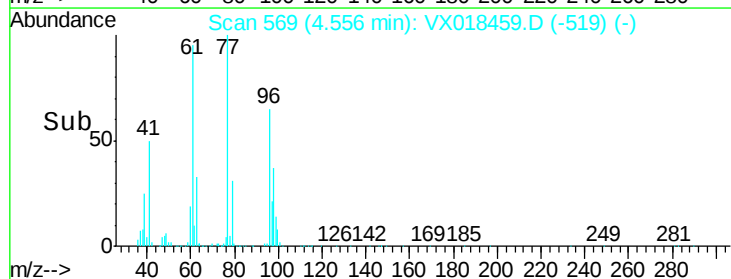
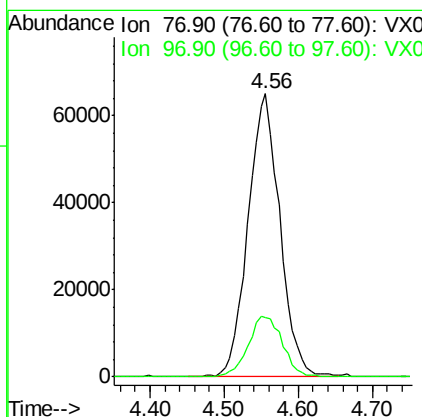
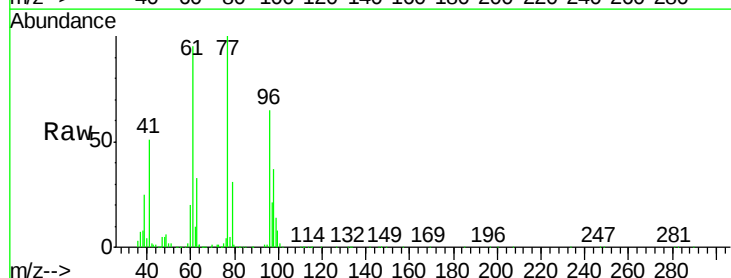
Acq: 17 Sep 2020 10:44

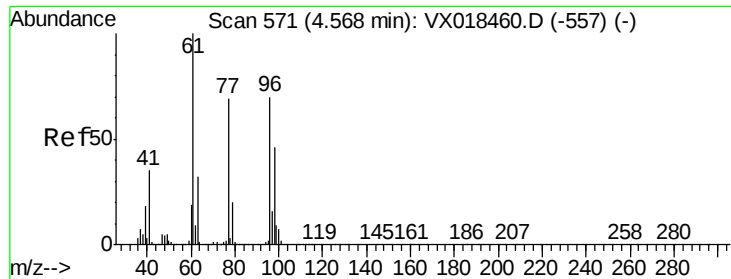
Tgt Ion: 77 Resp: 195673

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.5





#27

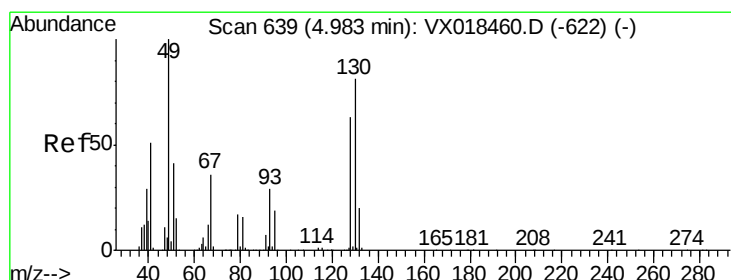
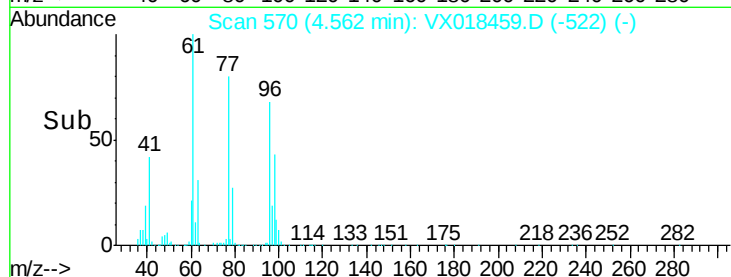
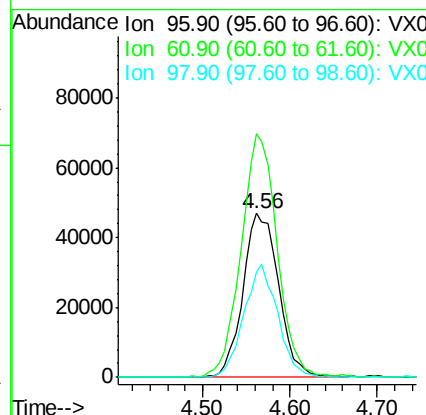
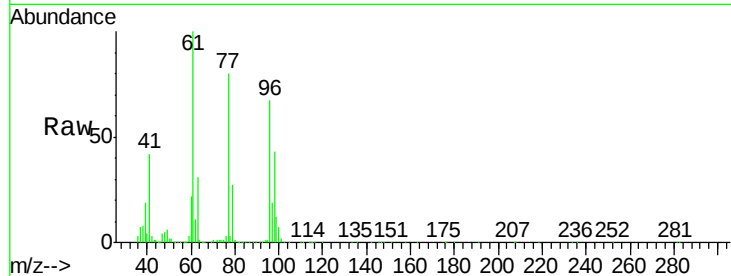
cis-1,2-Dichloroethene
Concen: 19.137 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133140		
61	149.8	0.0	300.0	
98	65.6	0.0	130.4	

Manual Integrations
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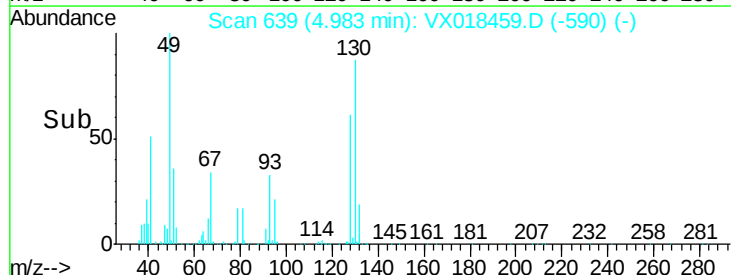
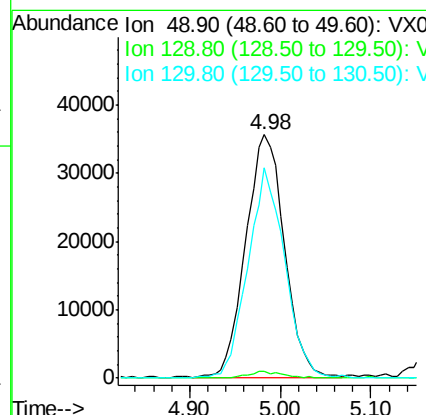
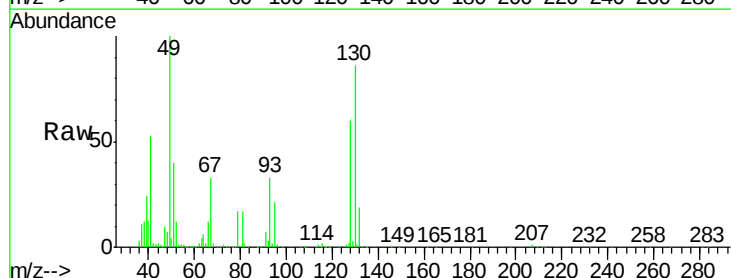
MMDadoda
9/18/2020 12:19:37 PM

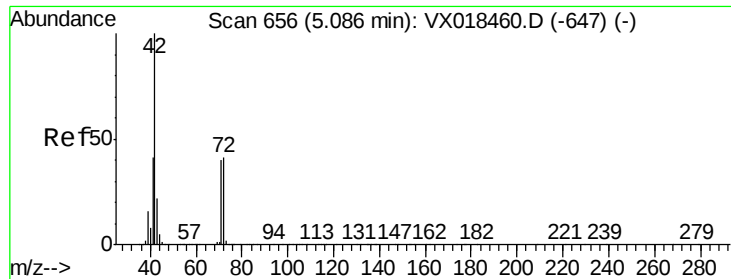


#28

Bromochloromethane
Concen: 19.809 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	105108		
129	2.5	0.0	4.6	
130	82.8	65.0	97.4	





#29

Tetrahydrofuran

Concen: 93.976 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

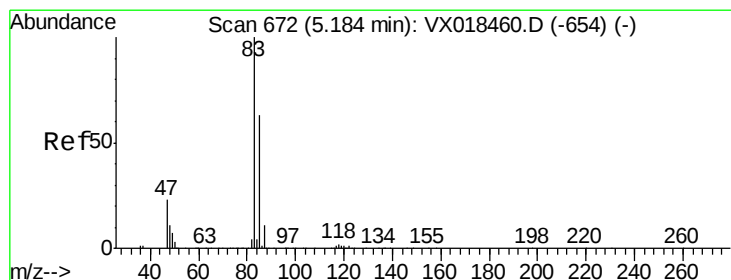
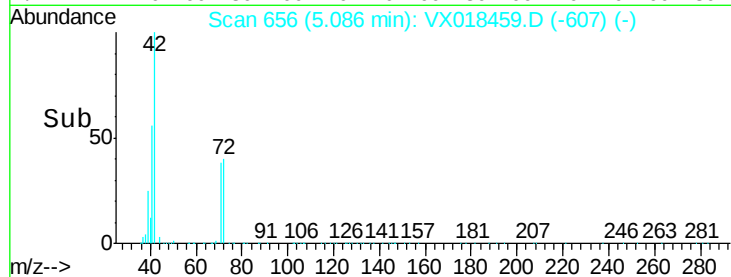
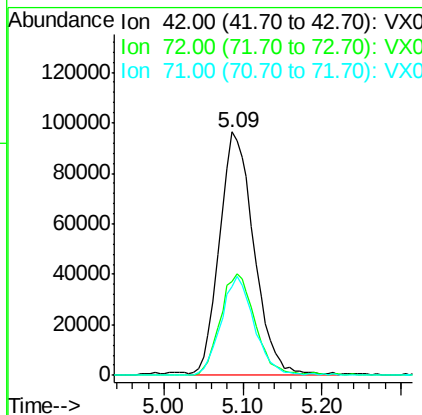
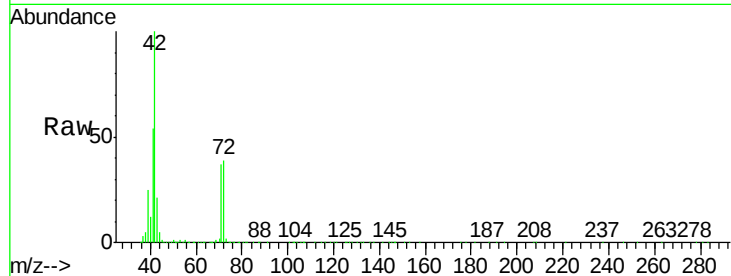
ClientSampleId :

VSTDIC020

Tot Ion:	42	Resp:	292924
Ion Ratio		Lower	Upper
42	100		
72	42.2	34.3	51.5
71	39.2	32.1	48.1

Manual Integrations
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#30

Chloroform

Concen: 19.335 ug/l

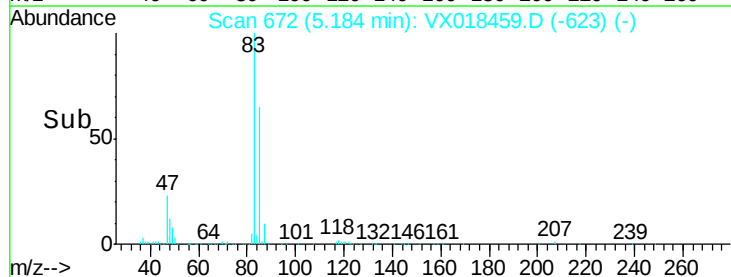
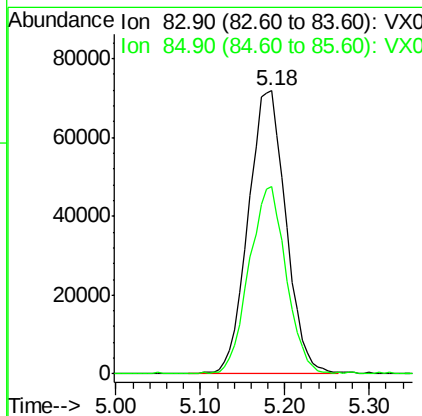
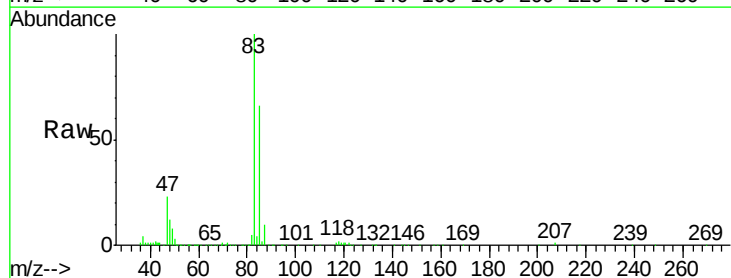
RT: 5.18 min Scan# 672

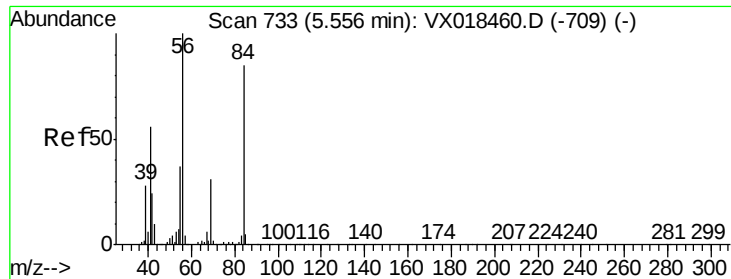
Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion:	83	Resp:	219376
Ion Ratio		Lower	Upper
83	100		
85	65.9	50.6	76.0





#31

Cyclohexane

Concen: 19.788 ug/l

RT: 5.56 min Scan# 733

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

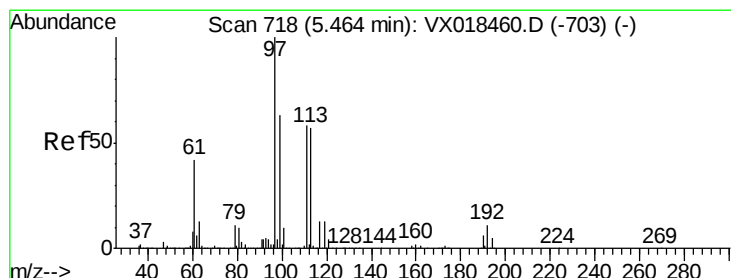
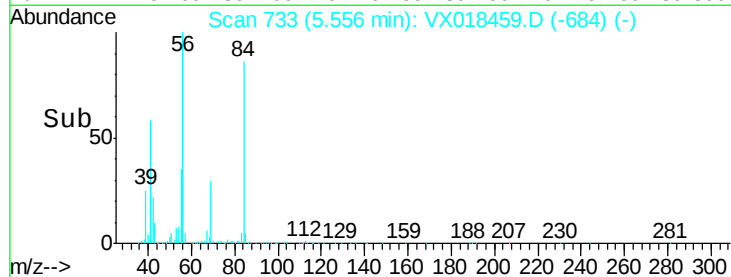
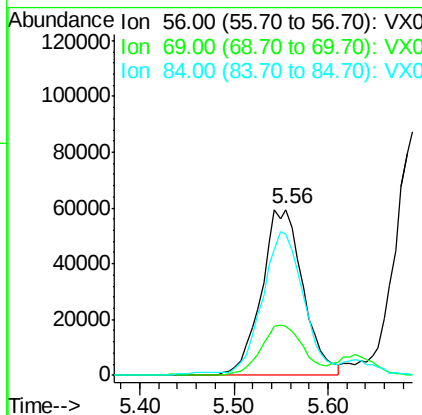
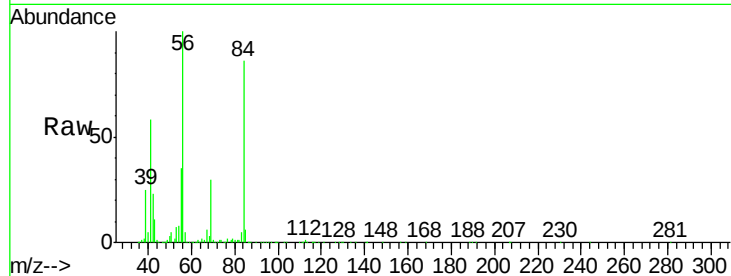
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	183433
Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.8	37.2
84	84.3	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.899 ug/l

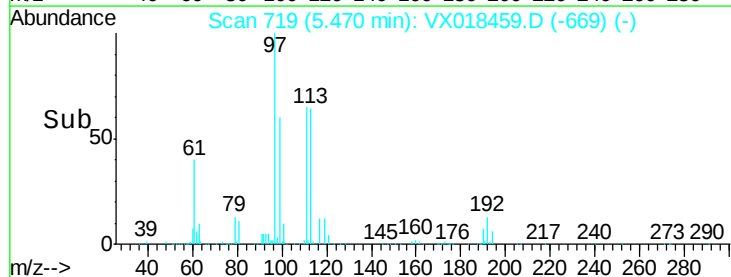
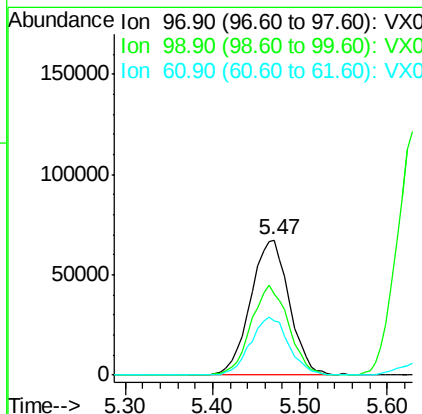
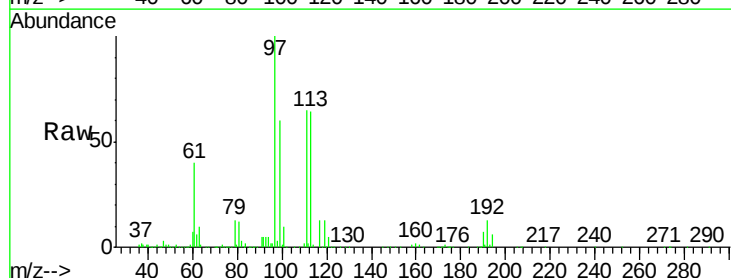
RT: 5.47 min Scan# 719

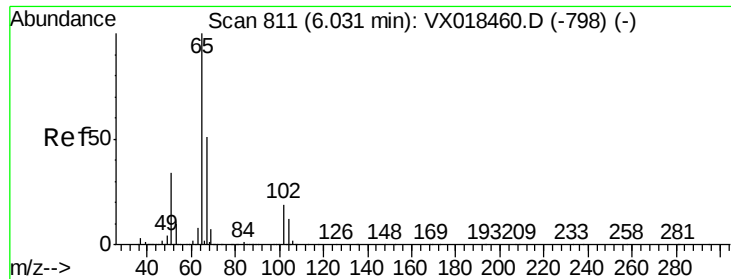
Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion:	97	Resp:	208245
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.5	75.7
61	42.6	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 21.299 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 163736

Ion Ratio Lower Upper

65 100

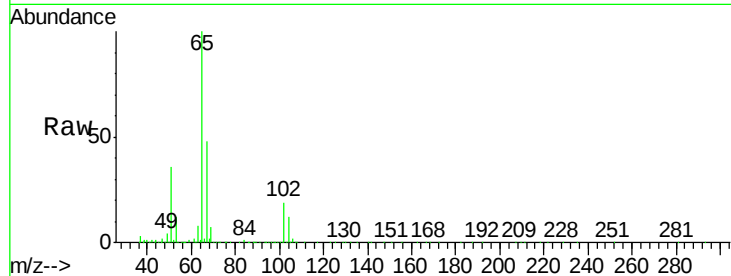
67 52.4 0.0 105.6

Manual Integrations

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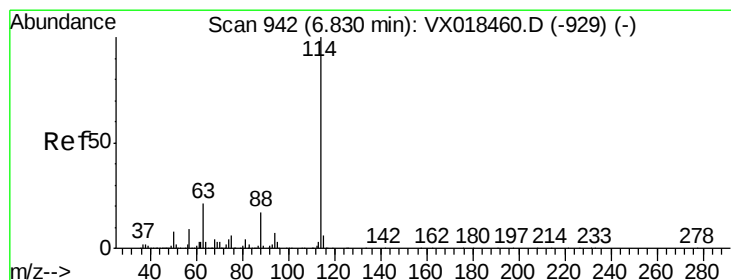
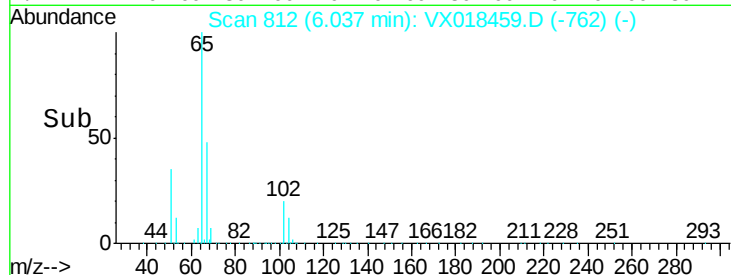
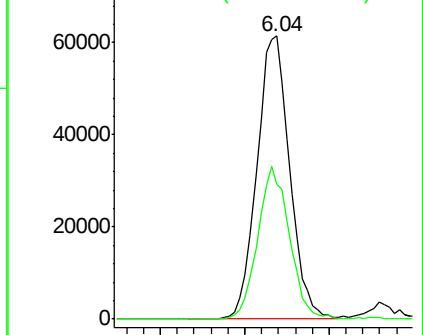
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX018459.D

Acq: 17 Sep 2020 10:44

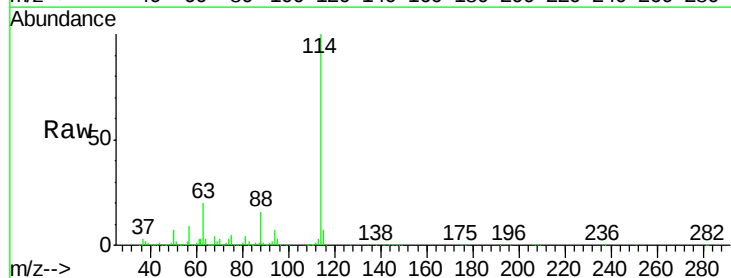
Tgt Ion: 114 Resp: 903545

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

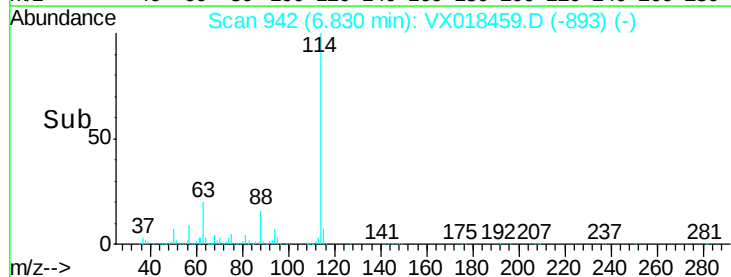
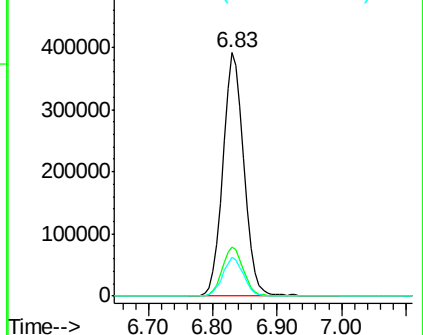
88 16.0 0.0 33.6

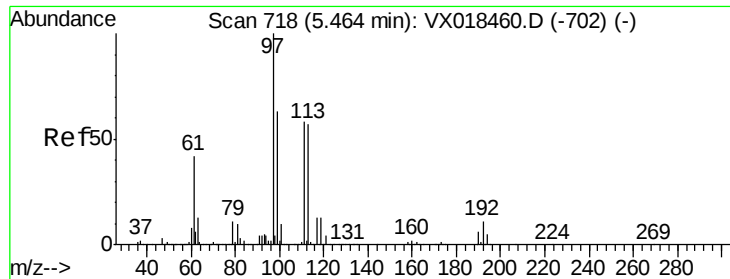


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 21.216 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

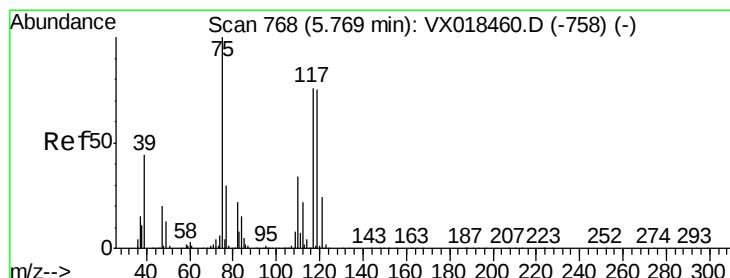
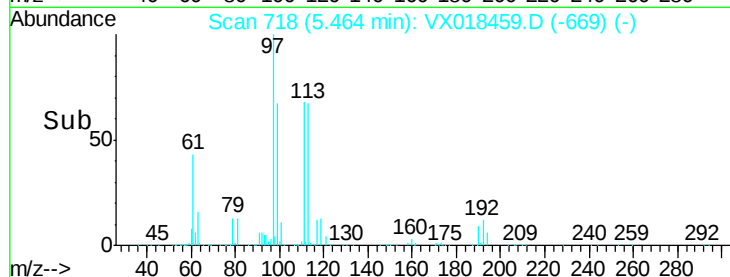
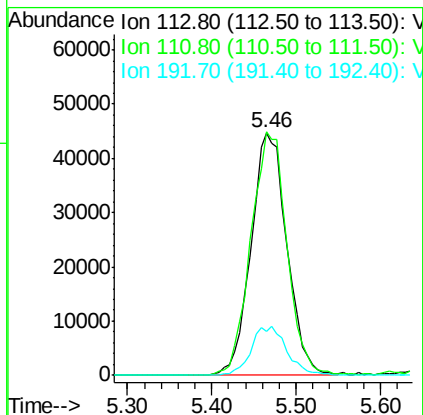
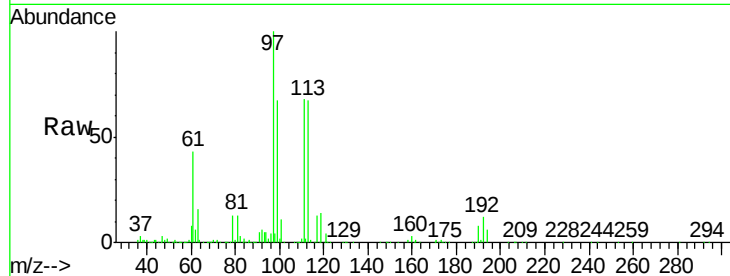
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	129684
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.4	122.2
192	19.9	16.6	24.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.845 ug/l

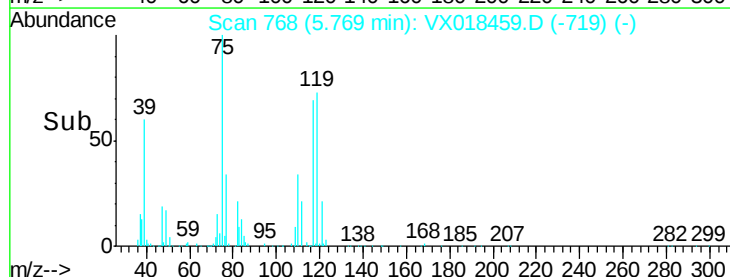
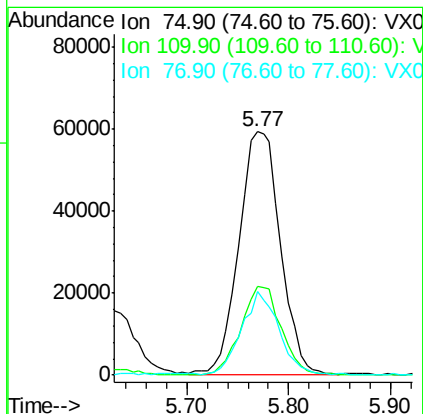
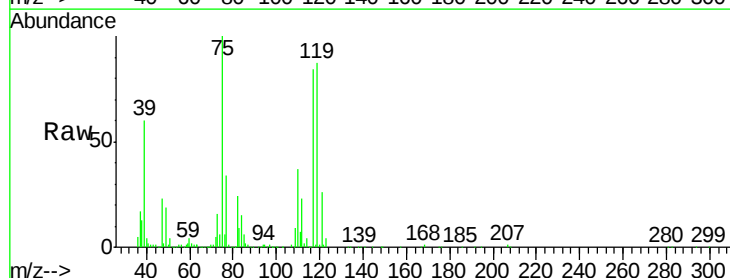
RT: 5.77 min Scan# 768

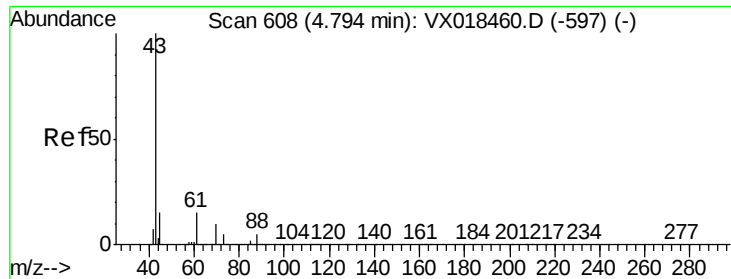
Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion:	75	Resp:	166269
Ion Ratio	Lower	Upper	
75	100		
110	35.4	17.6	52.8
77	30.8	25.0	37.6





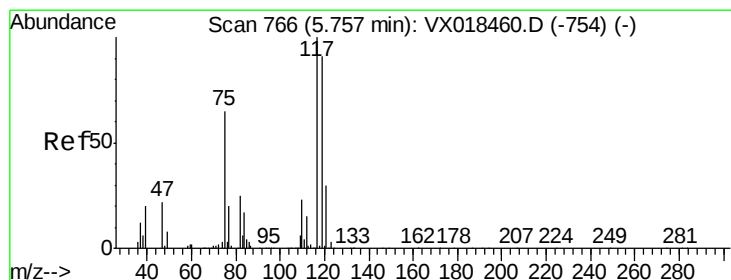
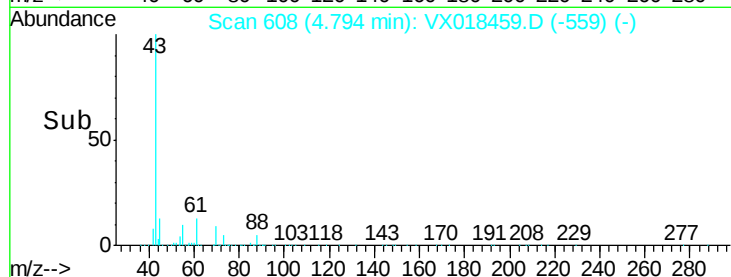
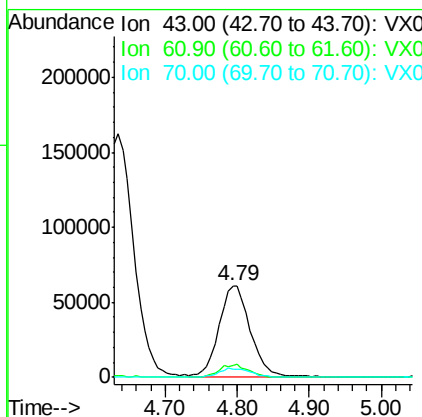
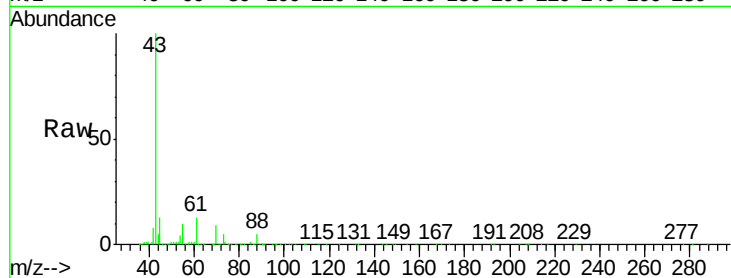
#37
Ethyl Acetate
Concen: 19.011 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.9	16.3
70	10.4	8.3	12.5

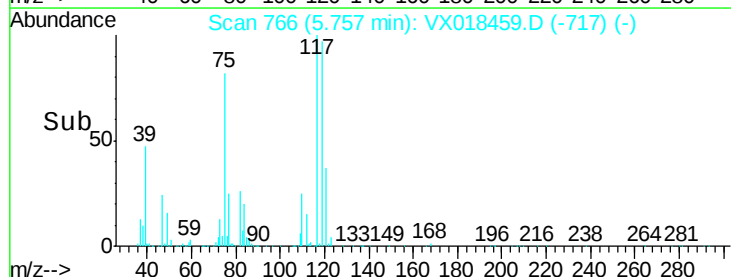
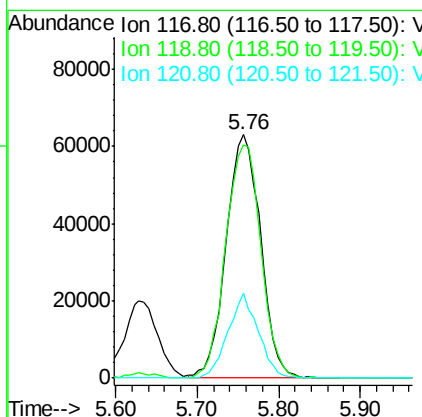
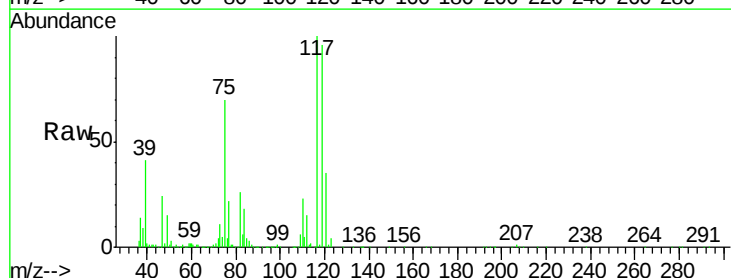
Manual Integrations
APPROVED

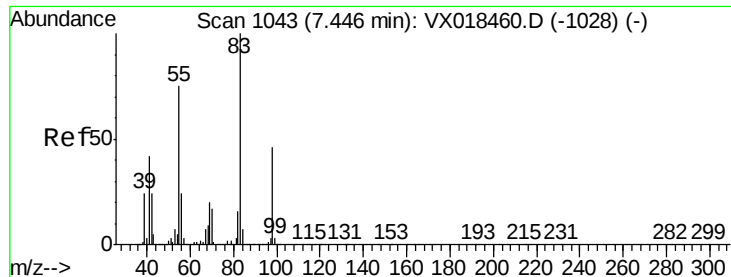
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.516 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	72.3	108.5
121	34.7	23.8	35.8





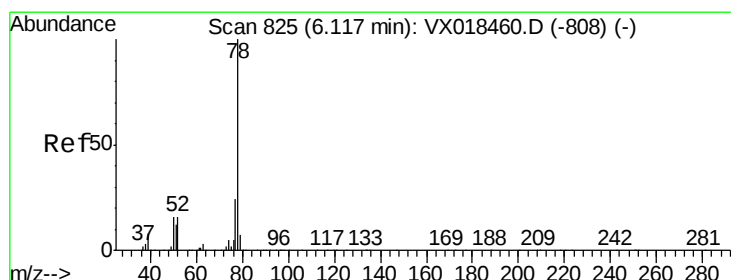
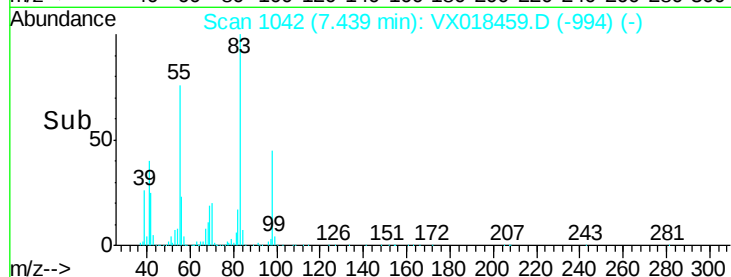
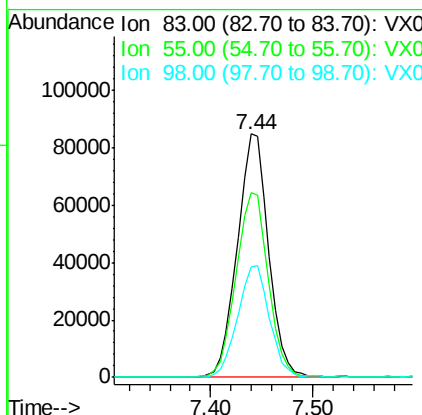
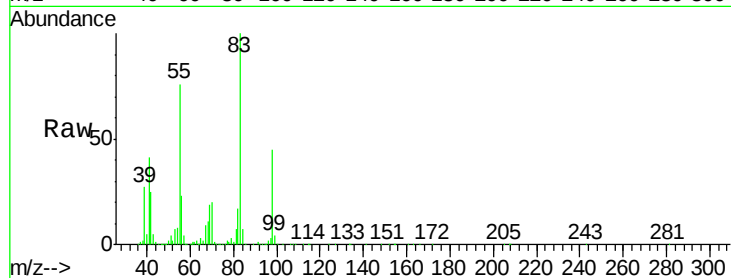
#39
Methvlcvclohexane
Concen: 19.676 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.2	90.4
98	45.2	36.4	54.6

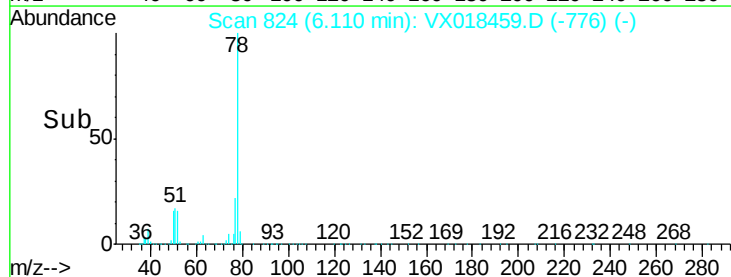
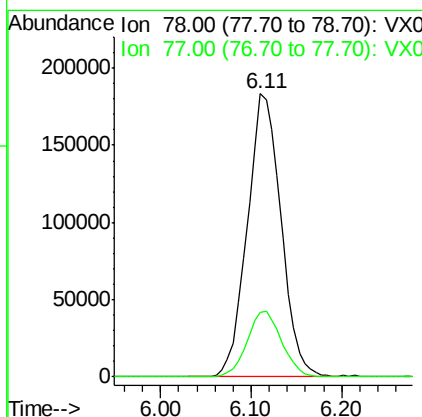
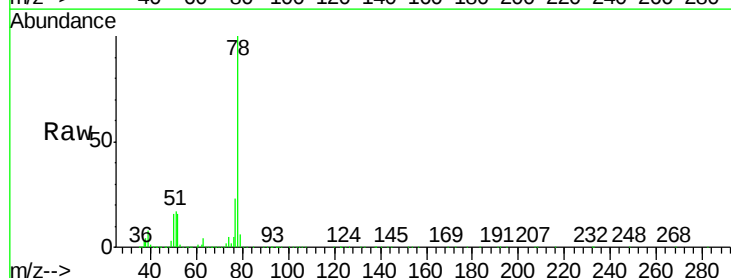
Manual Integrations
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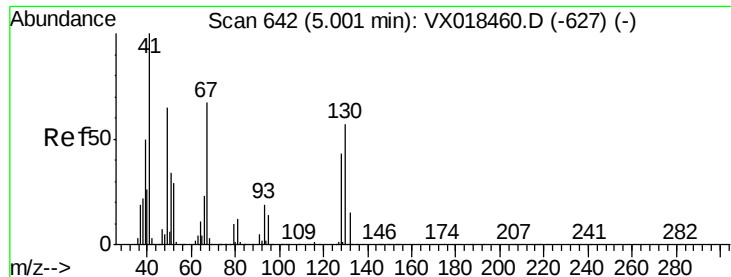
MMDadoda
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#40
Benzene
Concen: 19.249 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





#41

Methacrylonitrile

Concen: 18.337 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

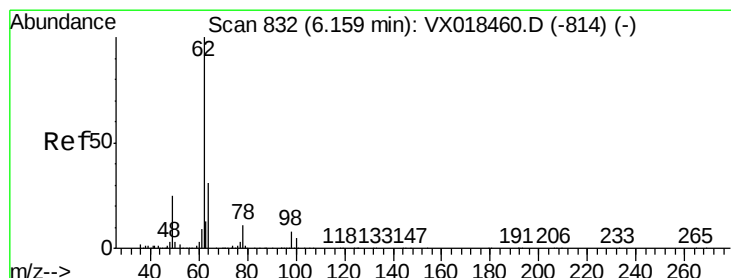
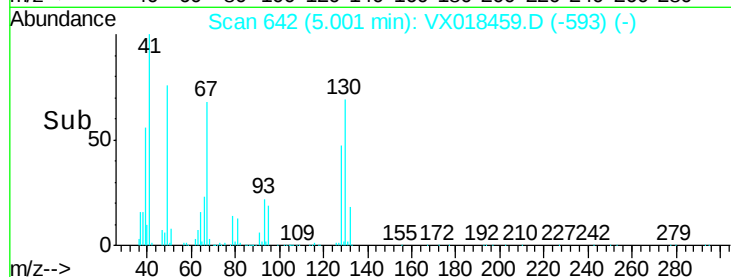
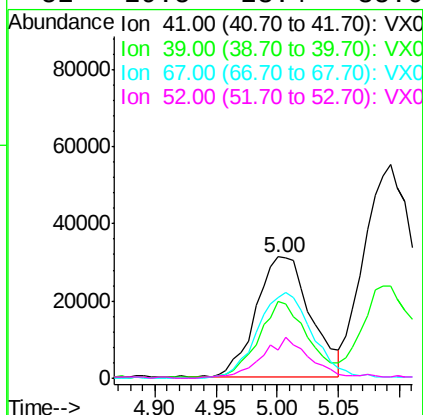
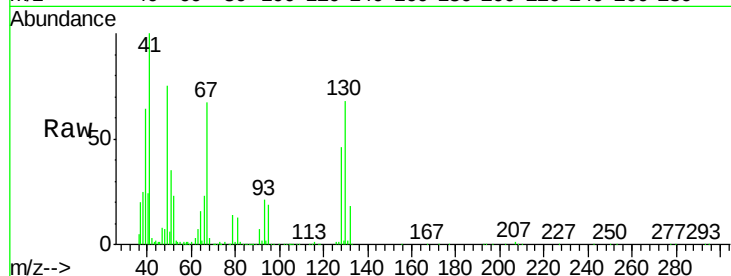
ClientSampleId :

VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	45.3	67.9	
67	71.2	56.7	85.1	
52	29.5	23.4	35.0	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.566 ug/l

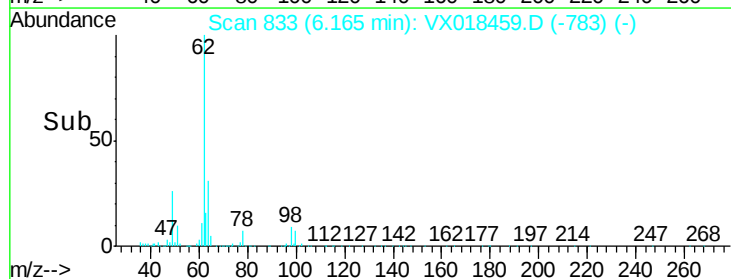
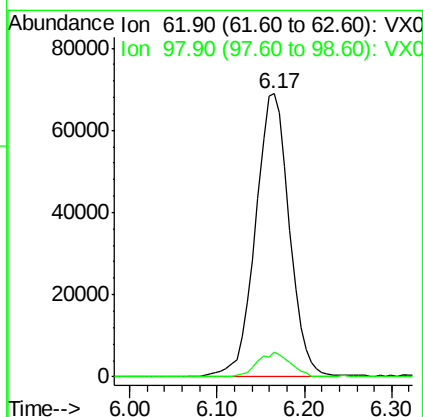
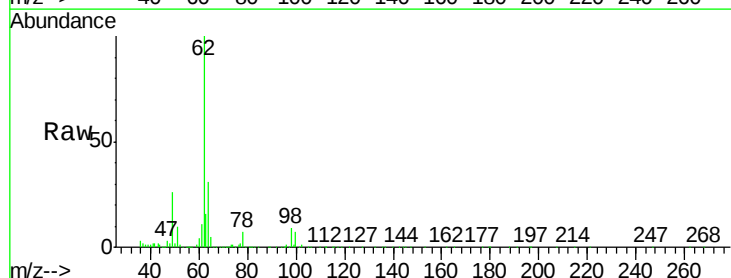
RT: 6.17 min Scan# 833

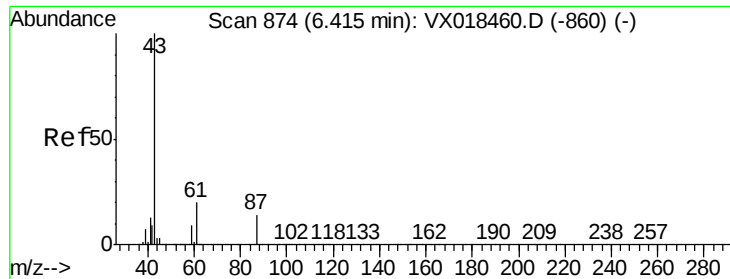
Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

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





#43

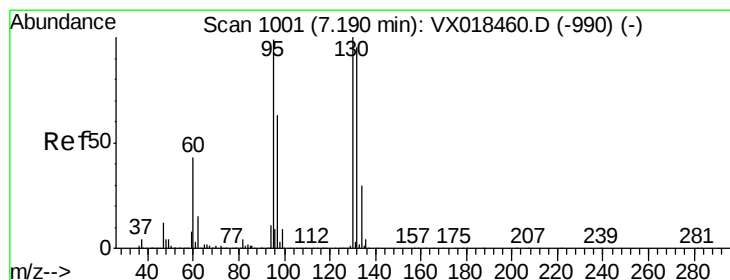
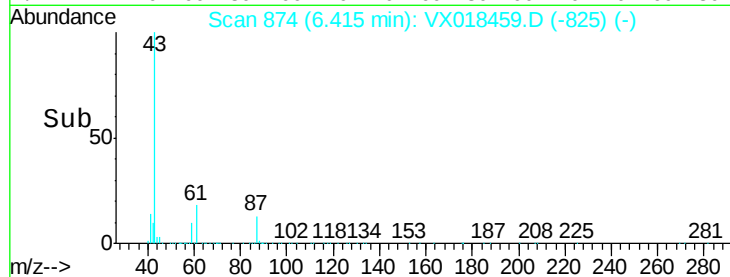
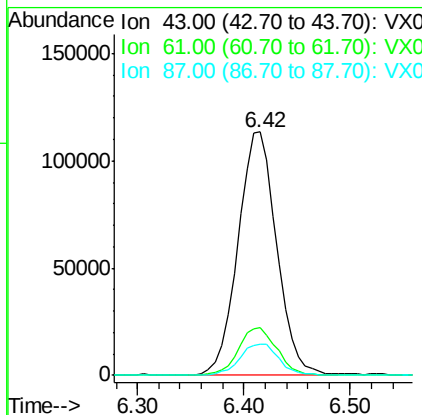
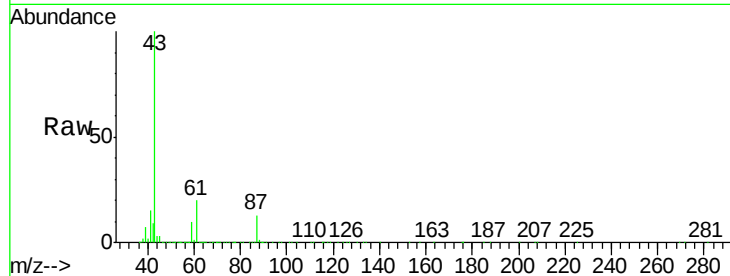
Isopropyl Acetate
 Concen: 18.415 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	13.4	10.4	15.6

Manual Integrations
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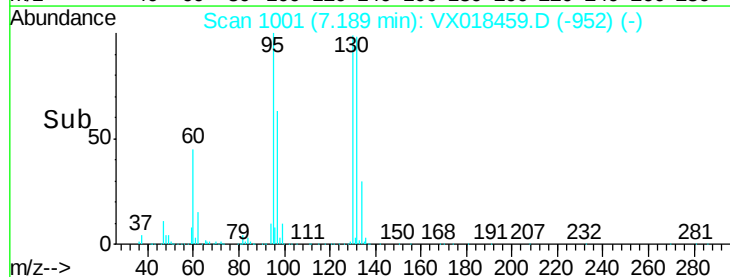
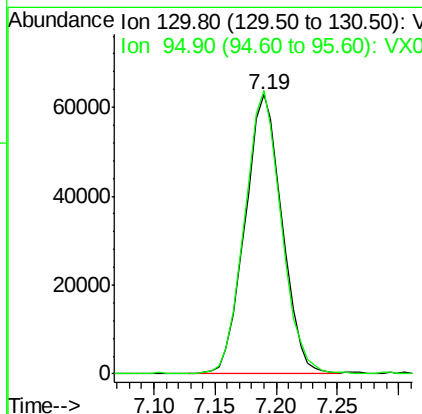
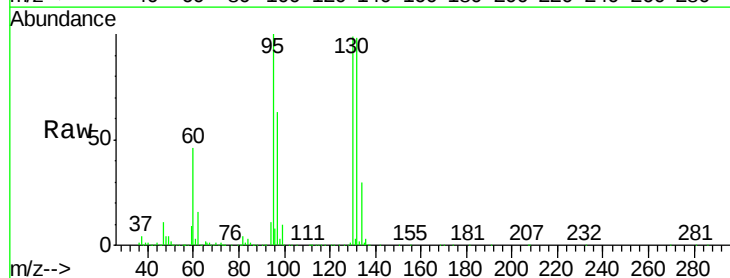
MMDadoda
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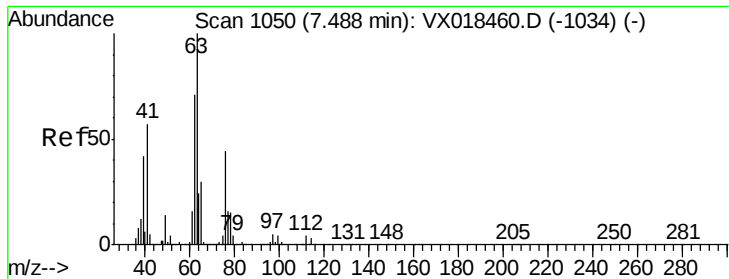


#44

Trichloroethene
 Concen: 19.086 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	197.4





#45

1,2-Dichloropropane

Concen: 19.516 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 128734

Ion Ratio Lower Upper

63 100

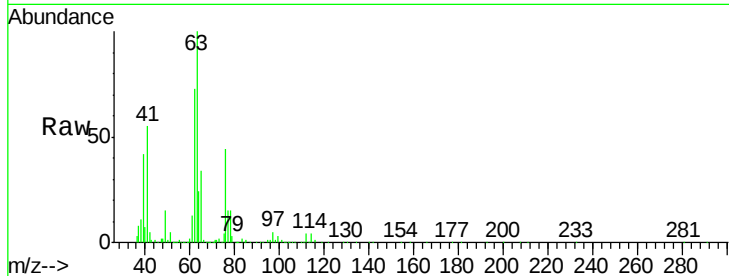
65 33.4 24.1 36.1

Manual Integrations

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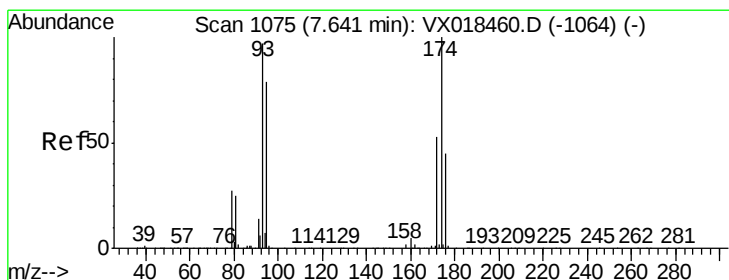
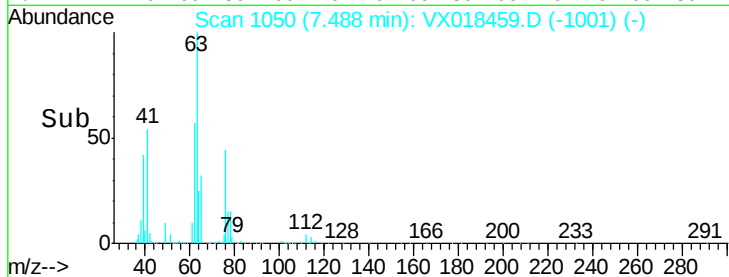
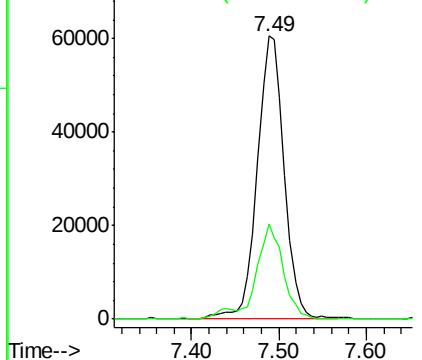
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.863 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

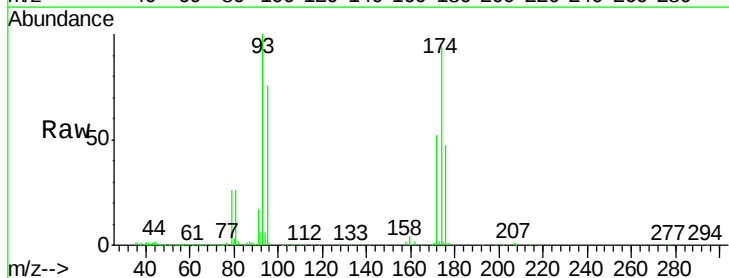
Tgt Ion: 93 Resp: 87921

Ion Ratio Lower Upper

93 100

95 82.5 65.0 97.4

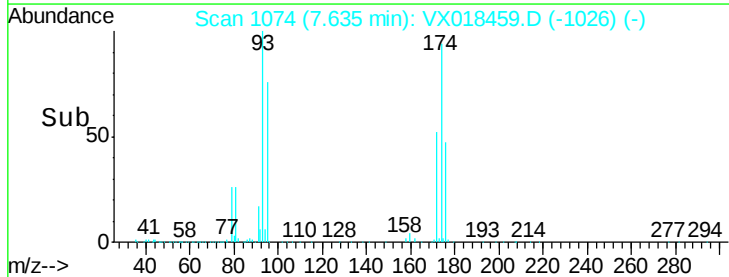
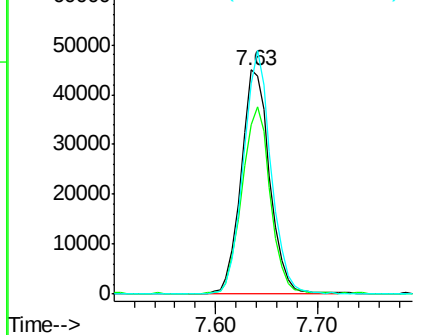
174 104.4 82.0 123.0

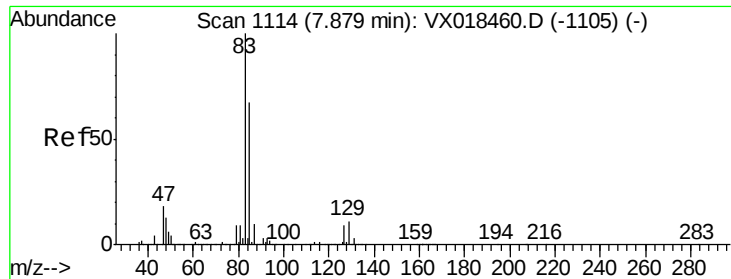


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.372 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

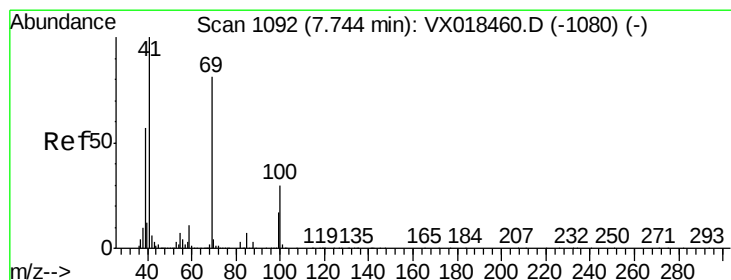
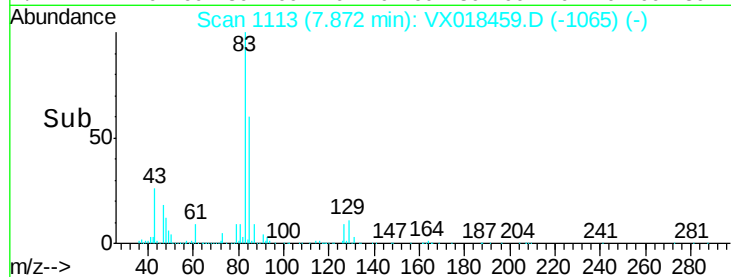
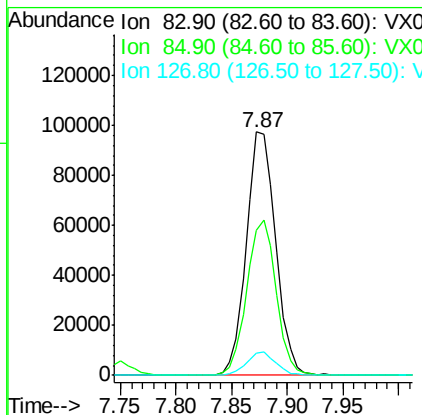
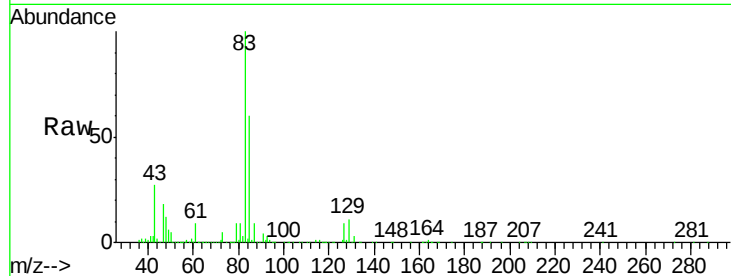
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	179808
Ion Ratio	Lower	Upper	
83	100		
85	59.6	53.3	79.9
127	8.9	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.367 ug/l

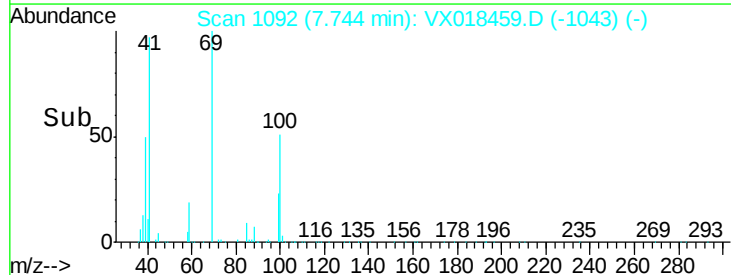
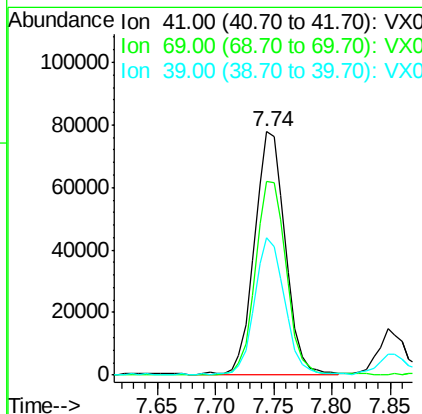
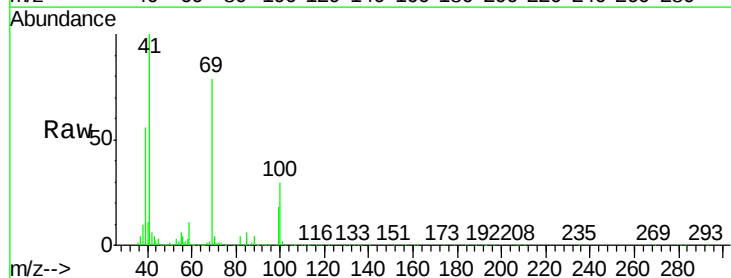
RT: 7.74 min Scan# 1092

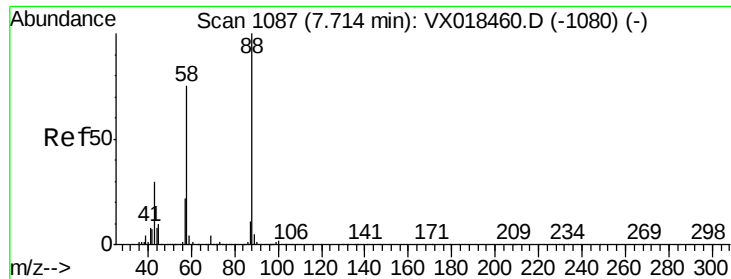
Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion:	41	Resp:	142646
Ion Ratio	Lower	Upper	
41	100		
69	81.1	63.7	95.5
39	54.8	45.0	67.4





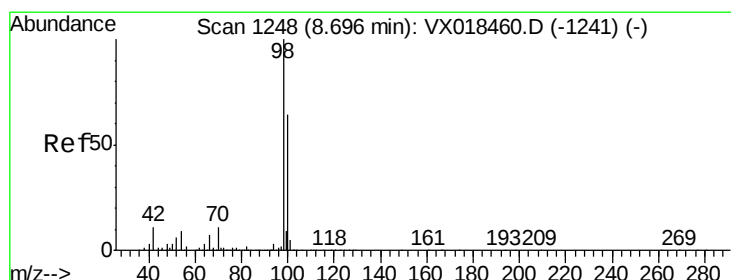
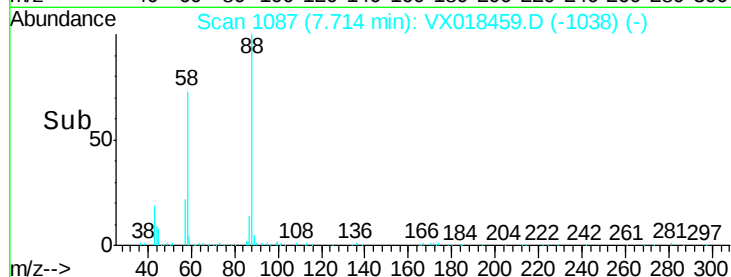
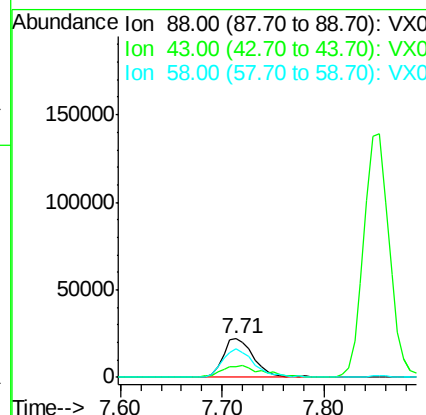
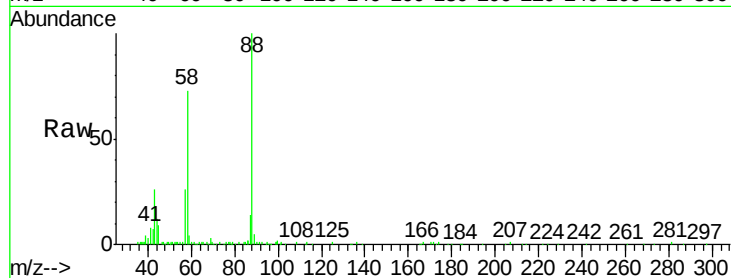
#49
1,4-Dioxane
Concen: 342.436 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	29.9	44.9
58	75.6	59.0	88.6

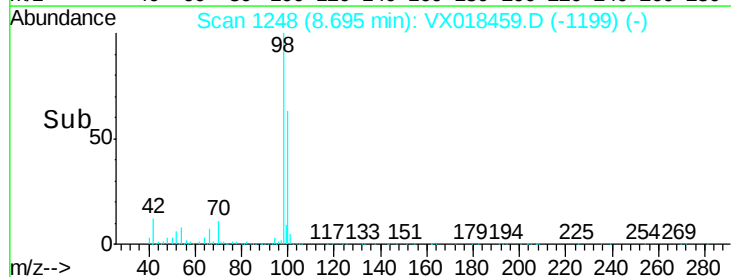
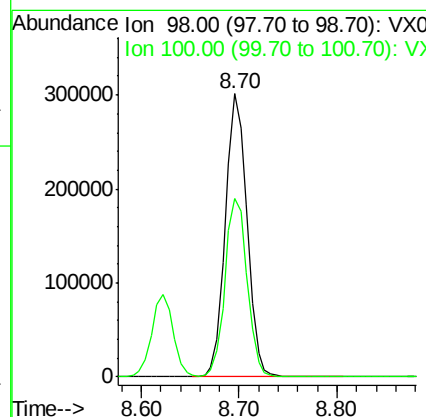
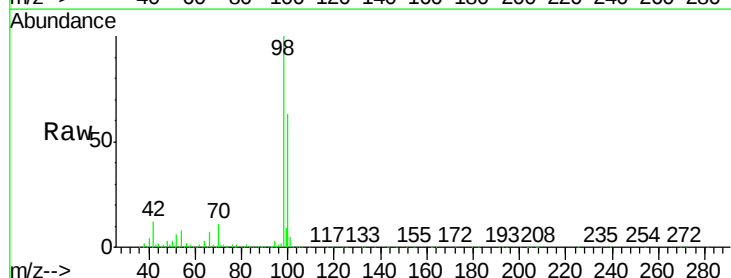
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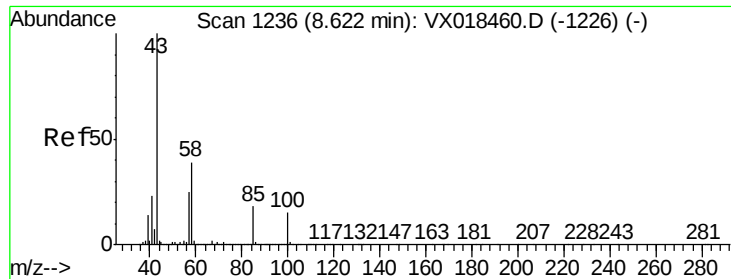
MMDadoda
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#50
Toluene-d8
Concen: 20.398 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 94.350 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 904074

Ion Ratio Lower Upper

43 100

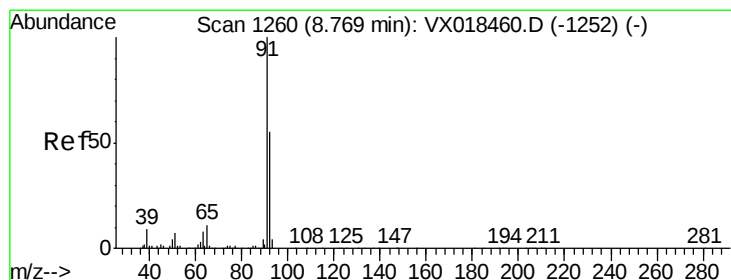
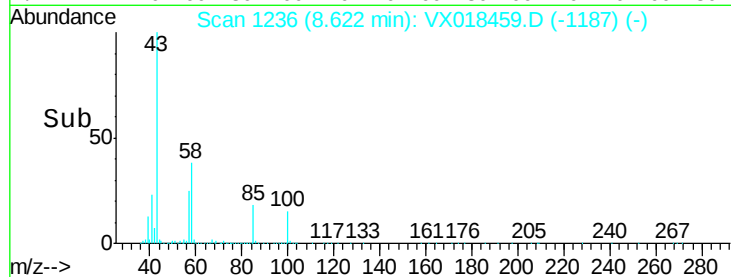
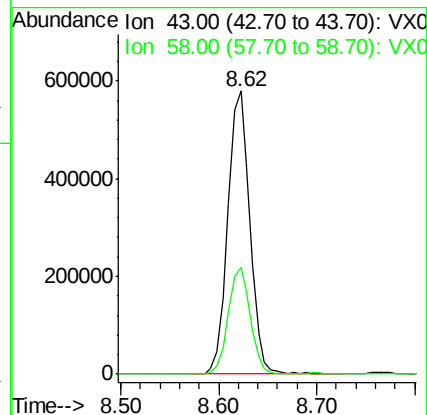
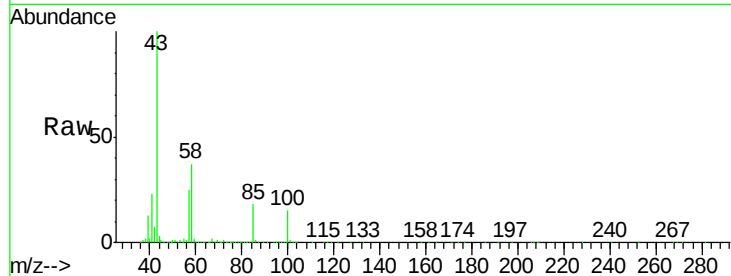
58 37.6 30.9 46.3

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#52

Toluene

Concen: 19.340 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018459.D

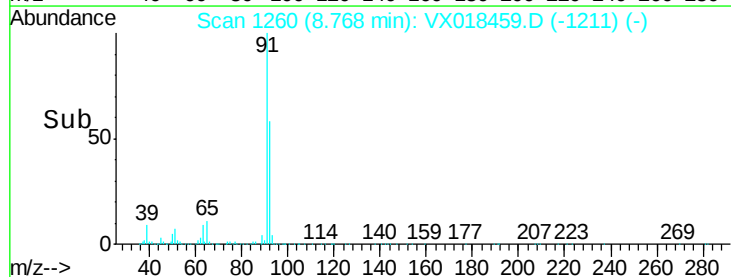
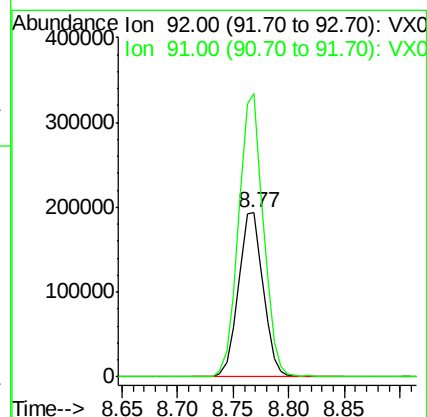
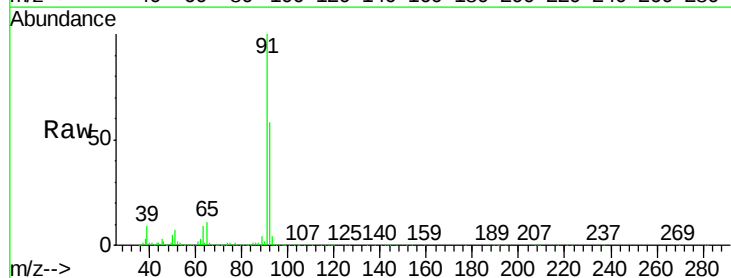
Acq: 17 Sep 2020 10:44

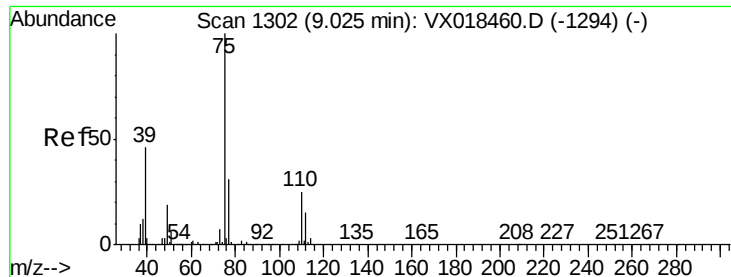
Tgt Ion: 92 Resp: 300043

Ion Ratio Lower Upper

92 100

91 171.6 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 19.371 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 199732

Ion Ratio Lower Upper

75 100

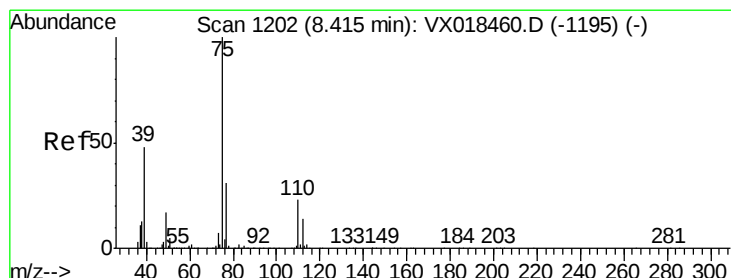
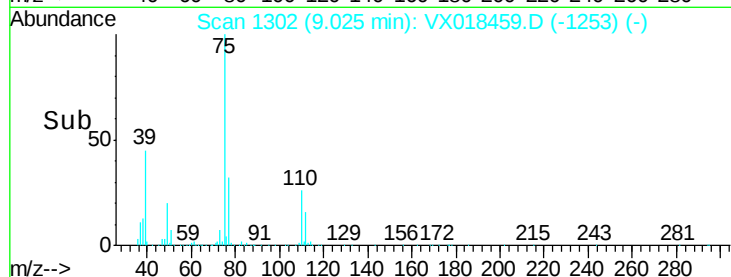
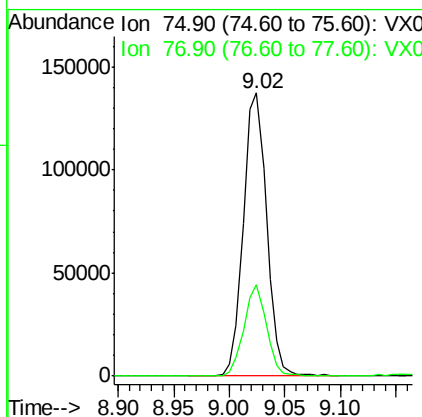
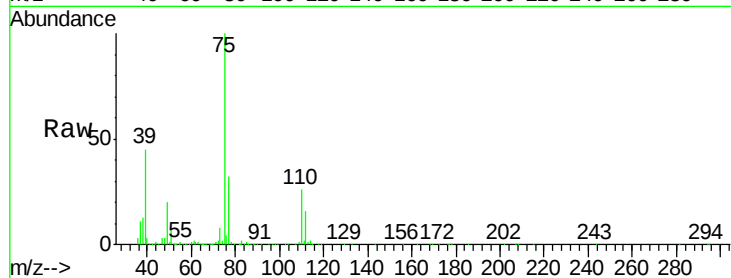
77 32.0 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.525 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

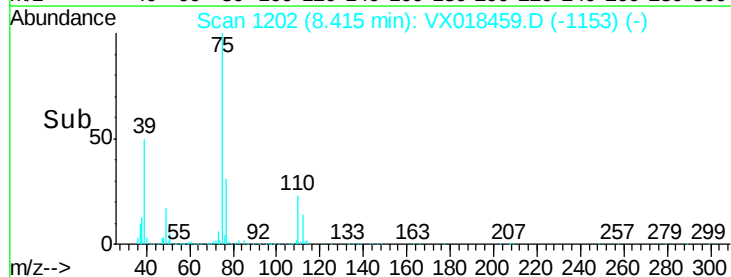
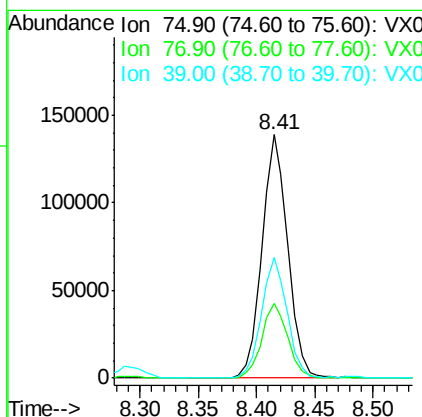
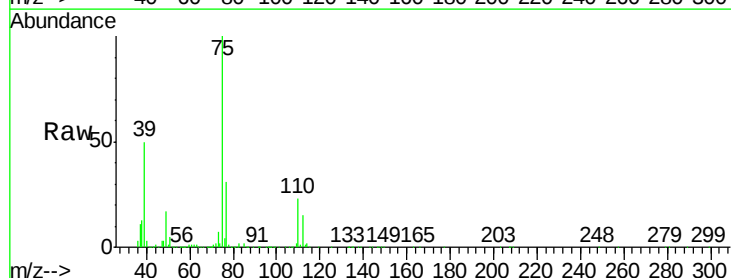
Tgt Ion: 75 Resp: 213374

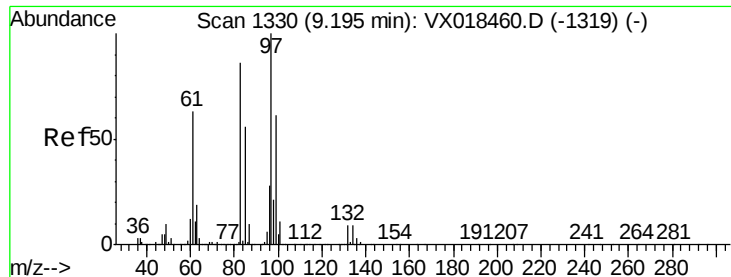
Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 49.4 38.6 58.0





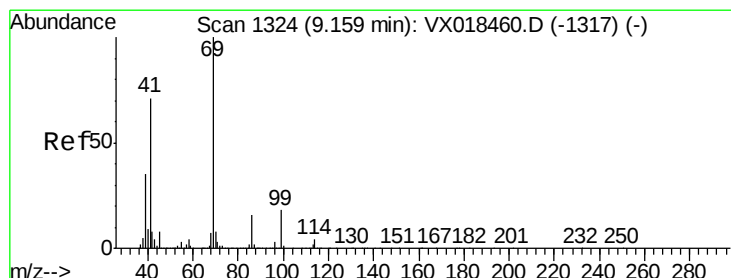
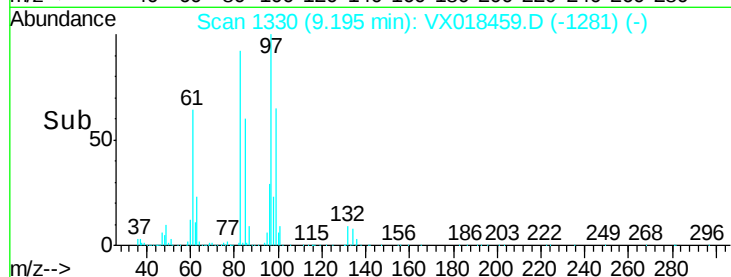
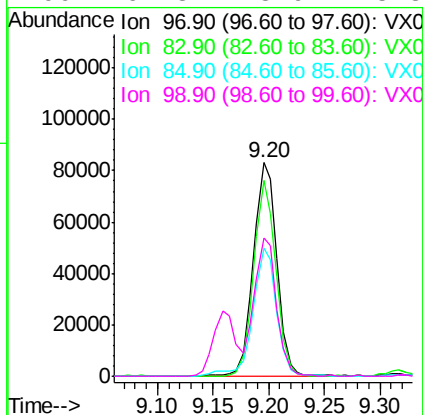
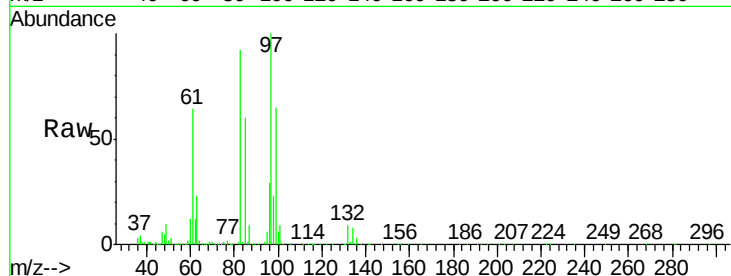
#55
 1,1,2-Trichloroethane
 Concen: 18.601 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		122839		
83	91.8	68.5	102.7		
85	59.5	44.8	67.2		
99	64.8	48.9	73.3		

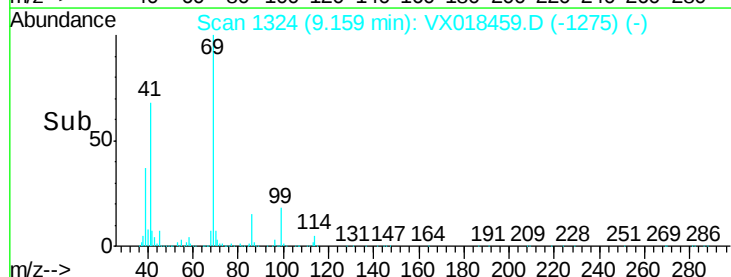
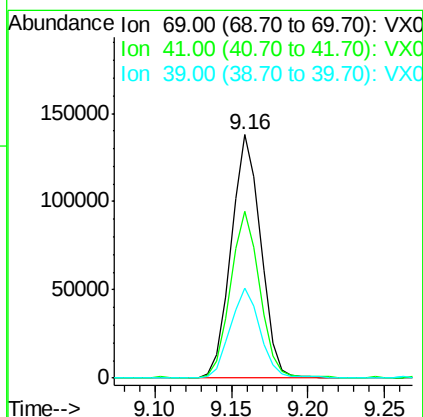
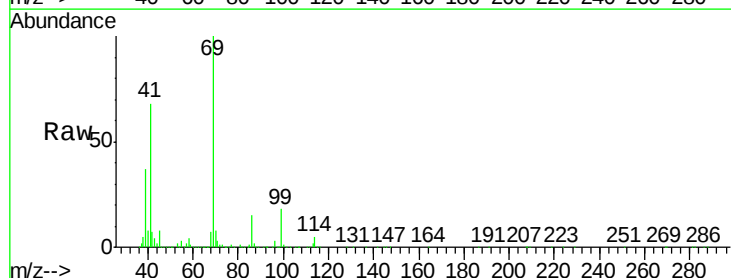
Manual Integrations
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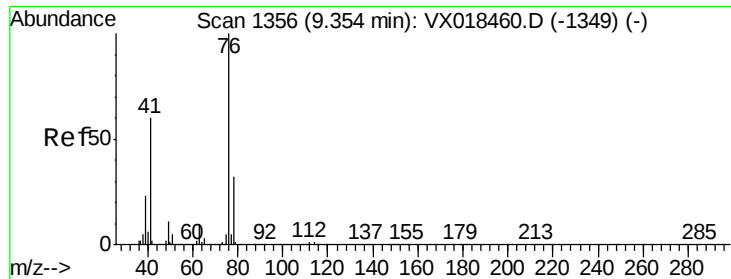
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#56
 Ethyl methacrylate
 Concen: 18.749 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		184396		
41	67.7	54.6	81.8		
39	37.4	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 19.122 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 208594

Ion Ratio Lower Upper

76 100

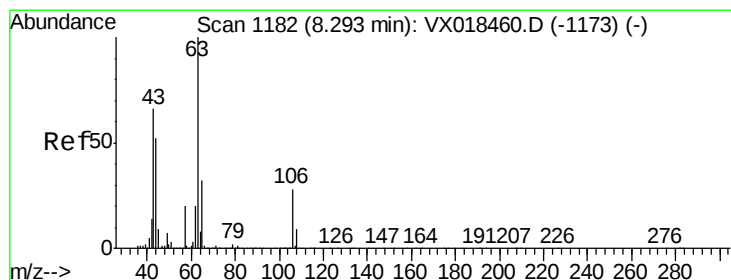
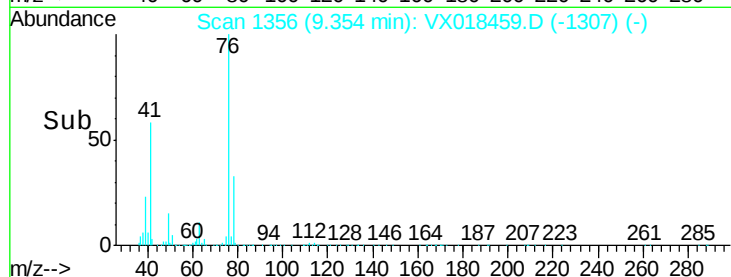
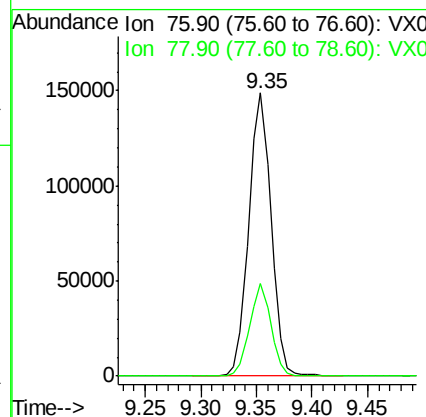
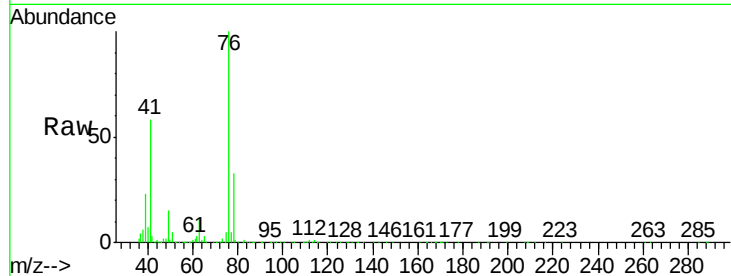
78 31.3 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 109.239 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018459.D

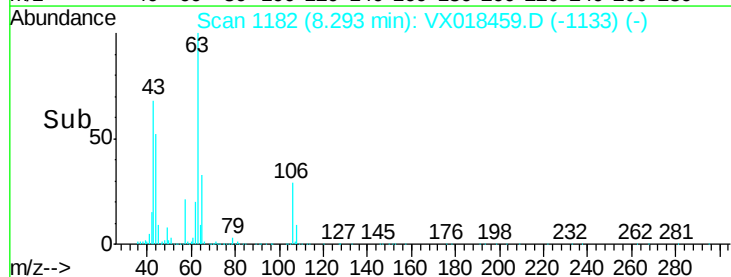
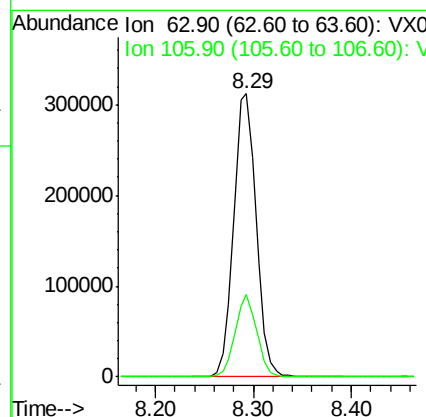
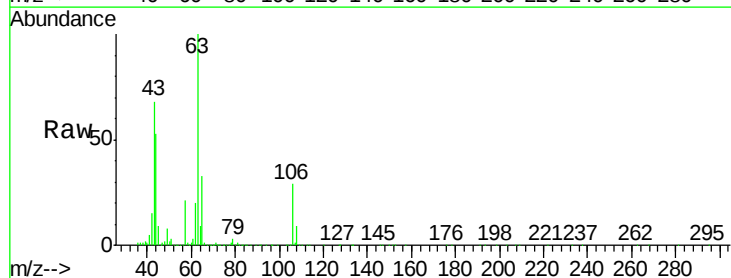
Acq: 17 Sep 2020 10:44

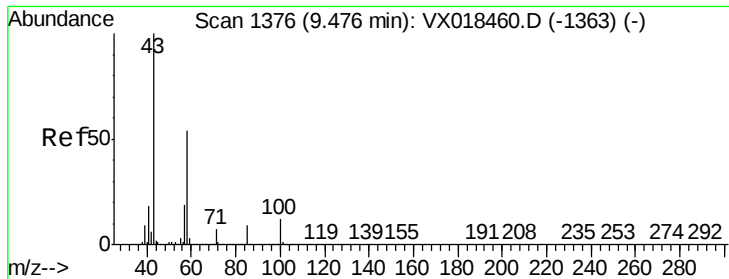
Tgt Ion: 63 Resp: 499082

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2





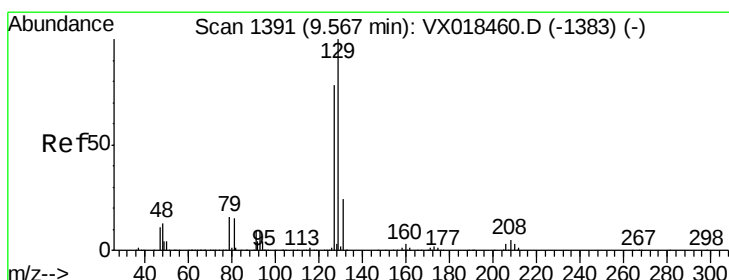
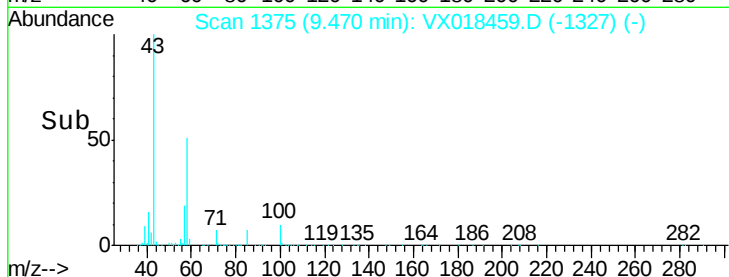
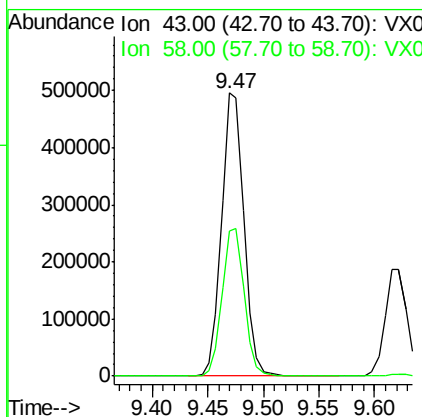
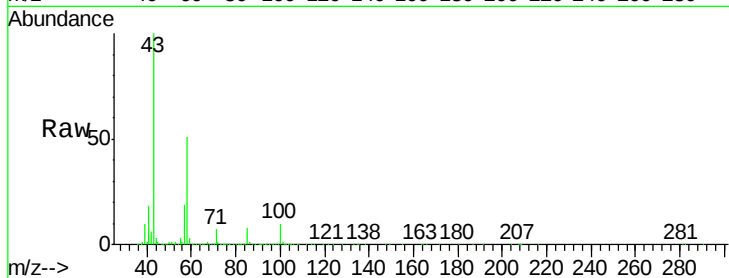
#59
2-Hexanone
Concen: 94.455 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 687477
Ion Ratio Lower Upper
43 100
58 52.2 26.5 79.4

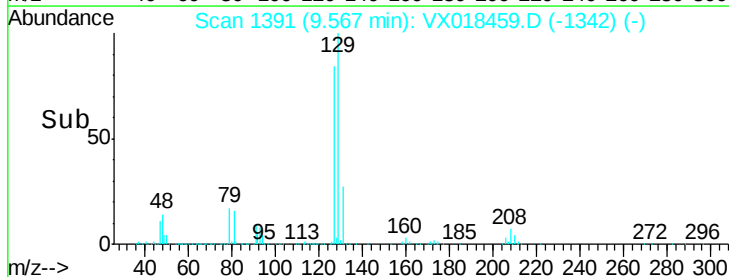
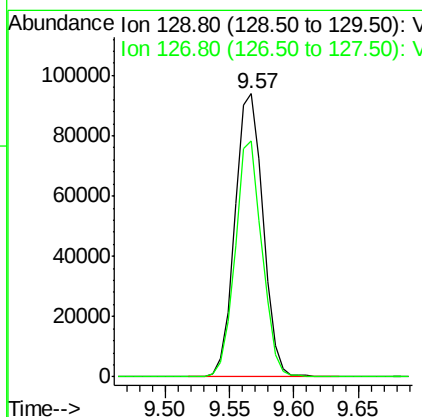
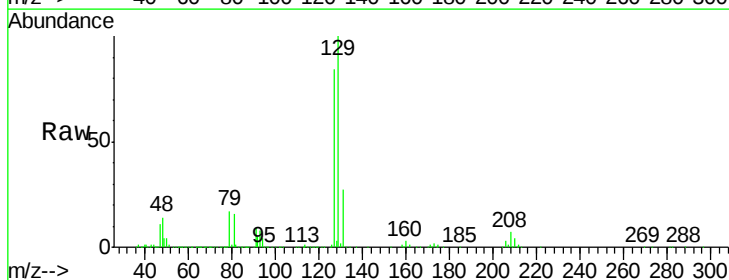
Manual Integrations
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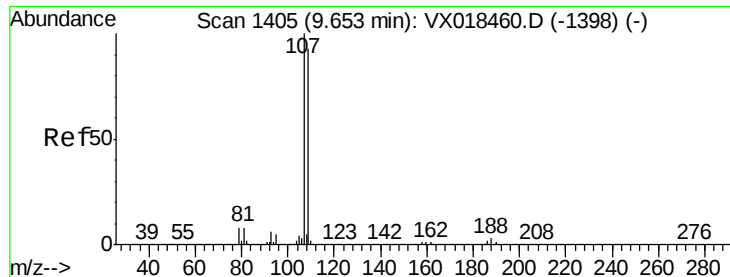
MMDadoda
9/18/2020 12:19:37 PM



#60
Dibromochloromethane
Concen: 18.377 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 129 Resp: 142592
Ion Ratio Lower Upper
129 100
127 79.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 18.655 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 107 Resp: 133672

Ion Ratio Lower Upper

107 100

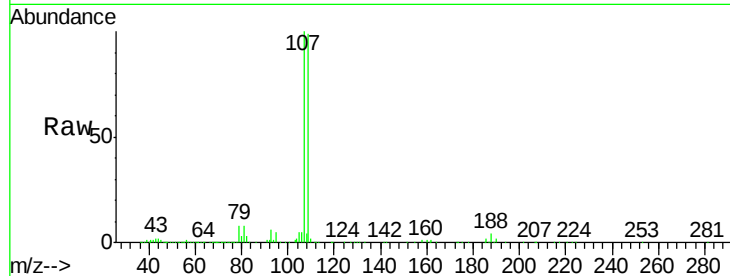
109 94.5 75.9 113.9

Manual Integrations

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MMDadoda

9/18/2020 12:19:37 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

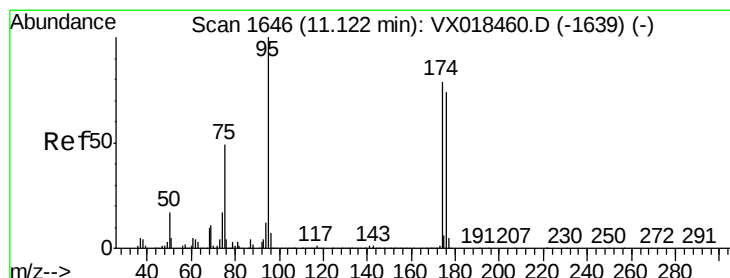
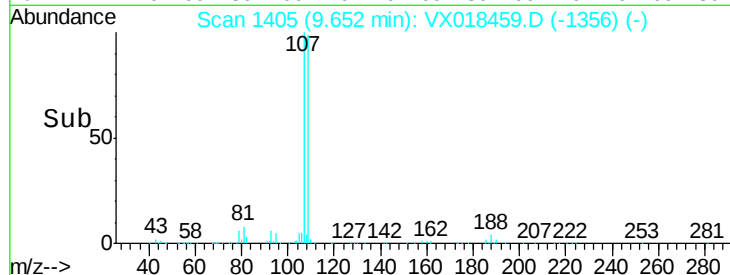
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 20.231 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

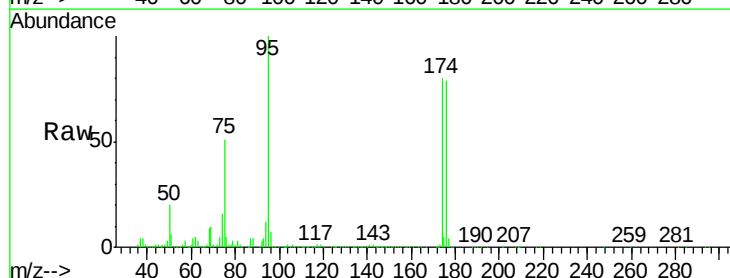
Tgt Ion: 95 Resp: 180871

Ion Ratio Lower Upper

95 100

174 79.6 0.0 161.4

176 78.1 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

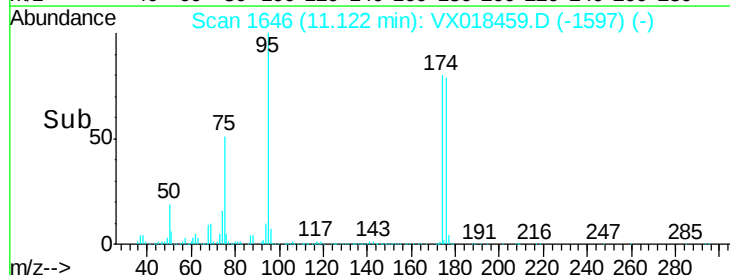
150000

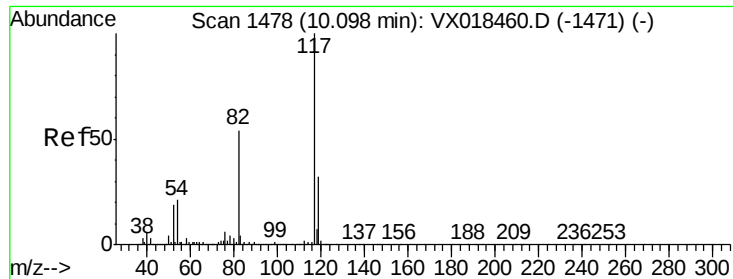
100000

50000

0

Time-->





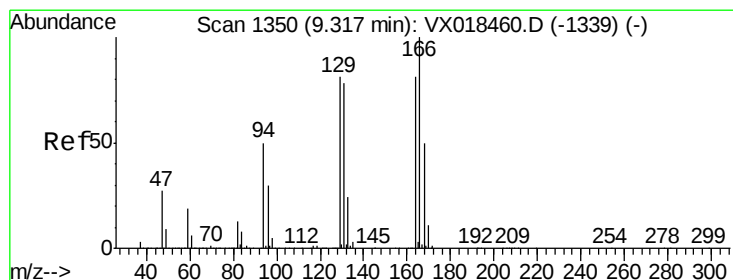
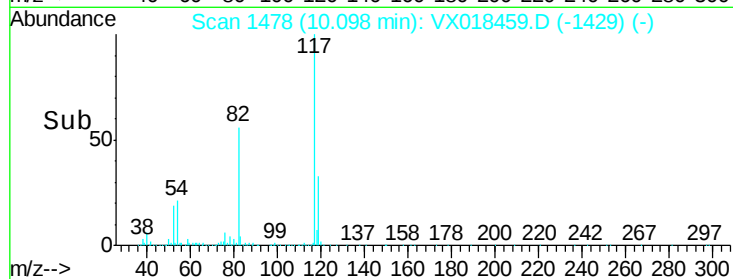
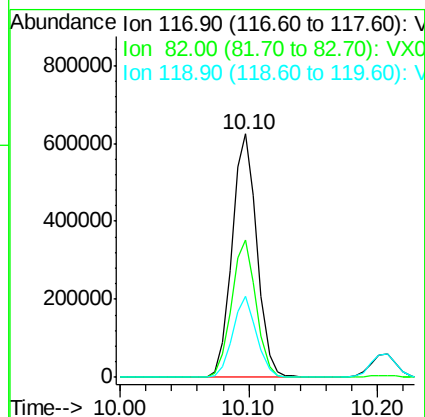
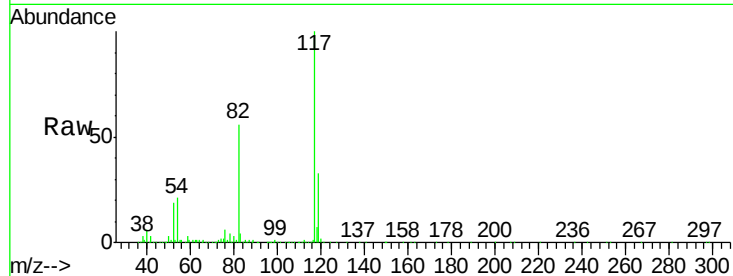
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	842547		
82	56.3		43.3	64.9
119	33.3		25.9	38.9

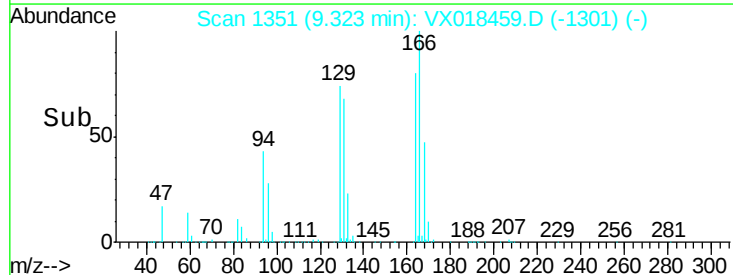
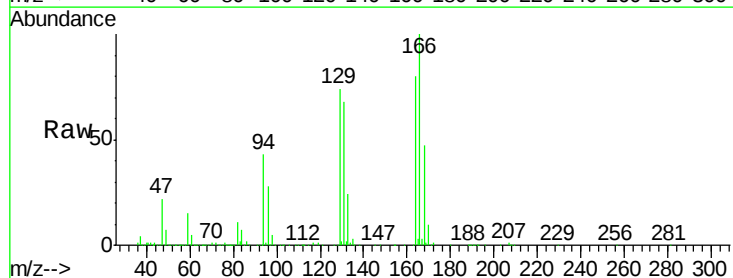
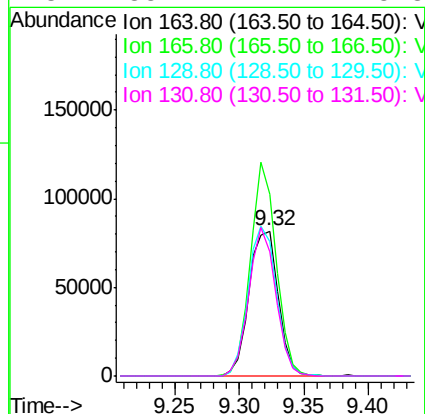
Manual Integrations
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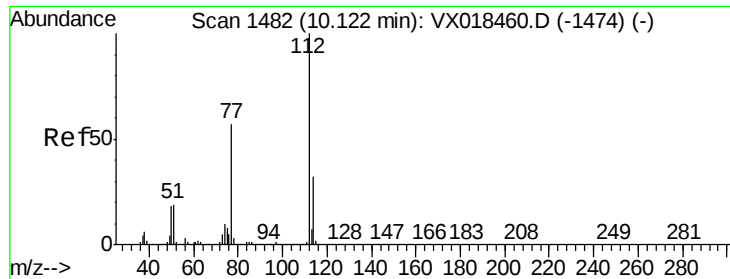
MMDadoda
9/18/2020 12:19:37 PM



#64
Tetrachloroethene
Concen: 20.450 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	127244		
166	124.8		99.3	148.9
129	92.1		80.7	121.1
131	85.4		77.2	115.8





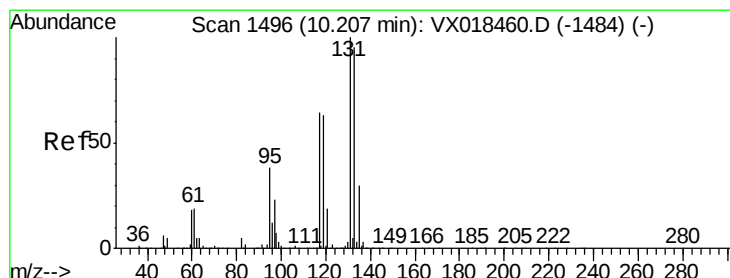
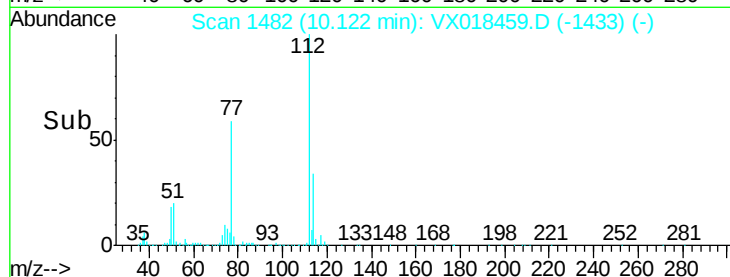
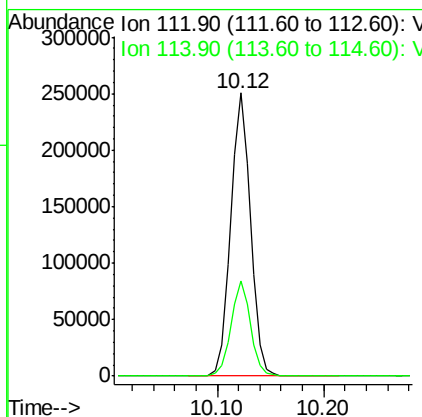
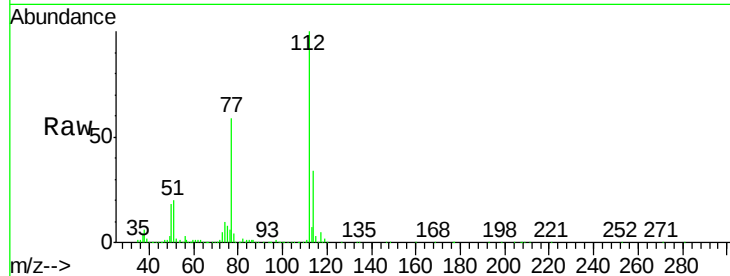
#65
Chlorobenzene
Concen: 19.511 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 329004
Ion Ratio Lower Upper
112 100
114 33.6 25.4 38.0

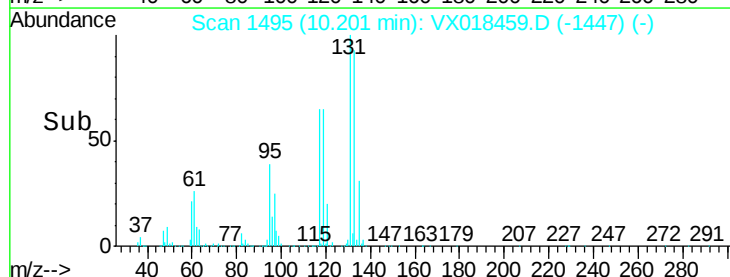
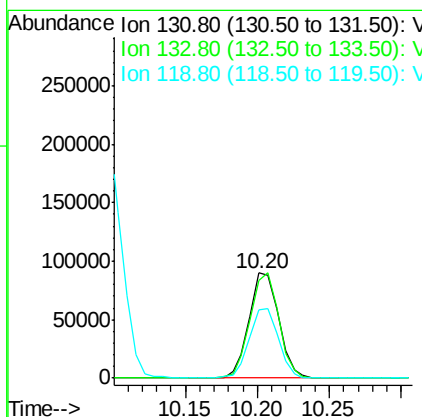
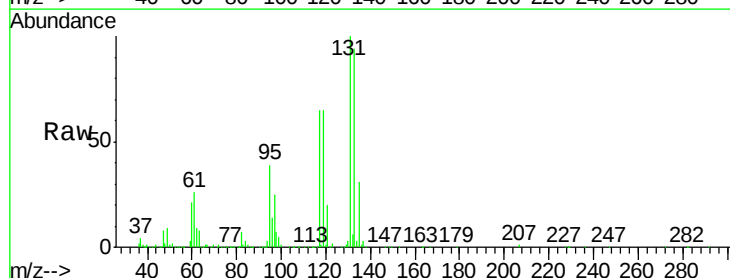
Manual Integrations
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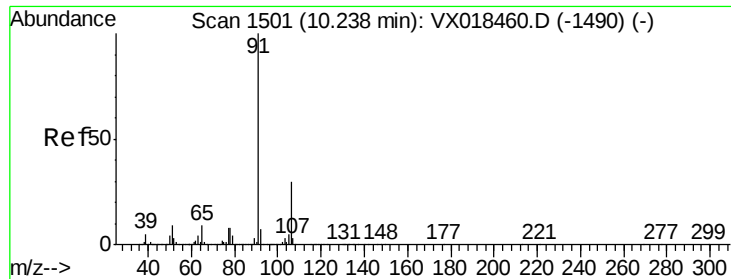
MMDadoda
9/18/2020 12:19:37 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.397 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion:131 Resp: 129170
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 64.4 31.9 95.7





#67

Ethyl Benzene

Concen: 20.174 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 580402

Ion Ratio Lower Upper

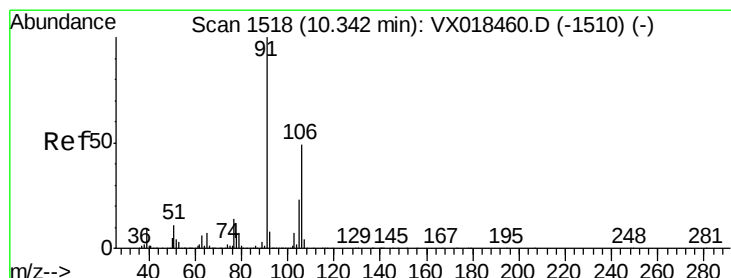
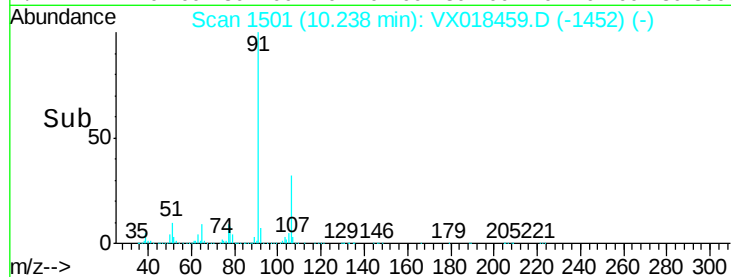
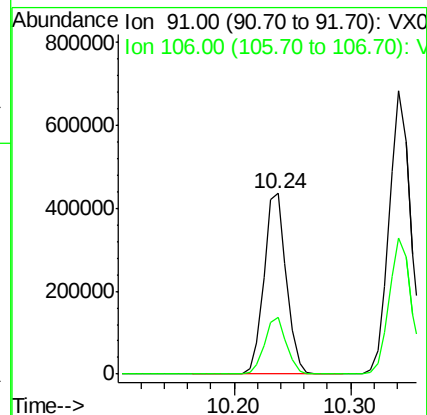
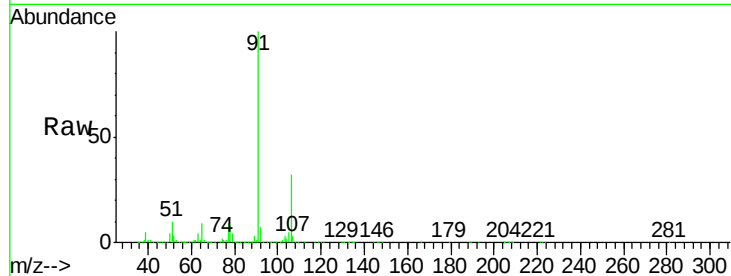
91 100

106 31.7 24.1 36.1

Manual Integrations
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MMDadoda

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#68

m/p-Xylenes

Concen: 40.553 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018459.D

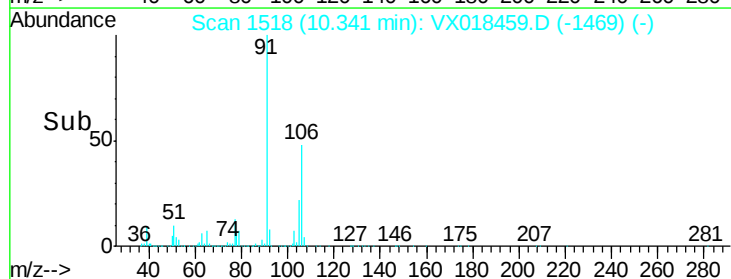
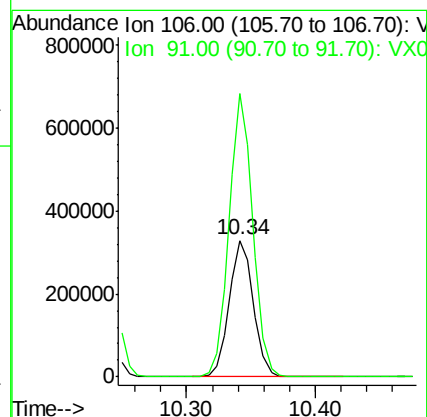
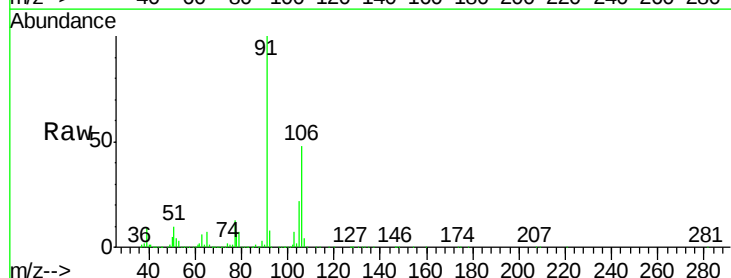
Acq: 17 Sep 2020 10:44

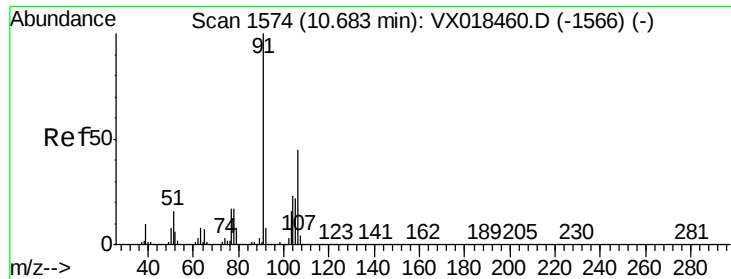
Tgt Ion: 106 Resp: 433995

Ion Ratio Lower Upper

106 100

91 204.5 163.8 245.6





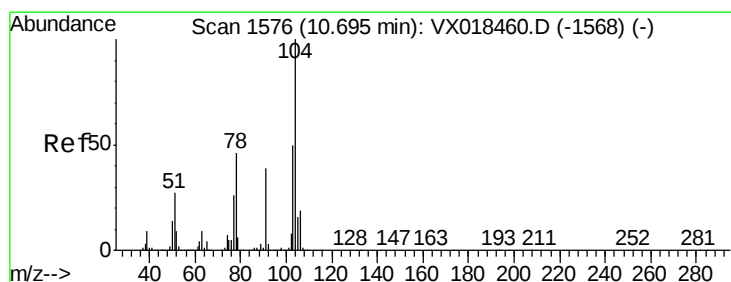
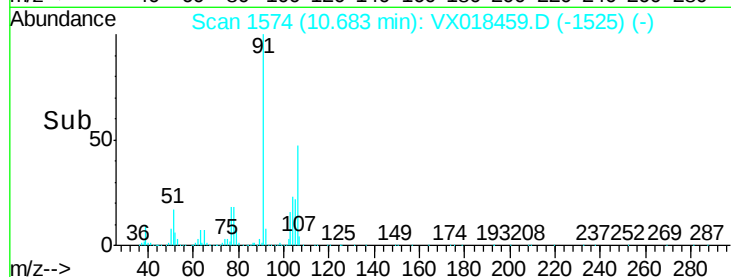
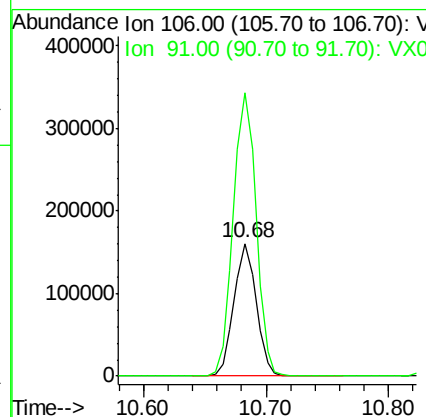
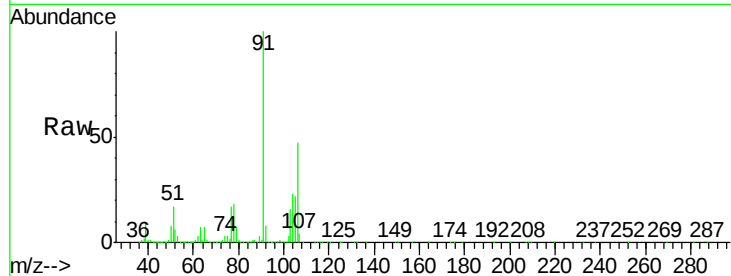
#69
o-Xylene
Concen: 19.461 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
106	100	202335		
91	219.3	109.7	329.0	

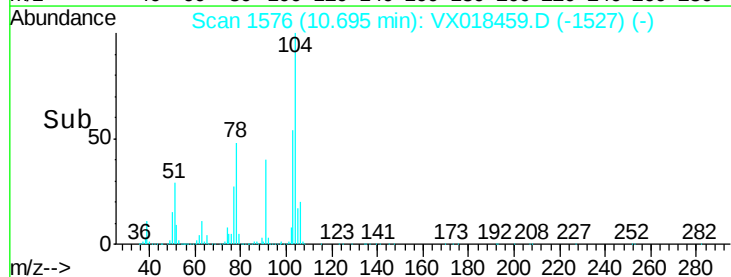
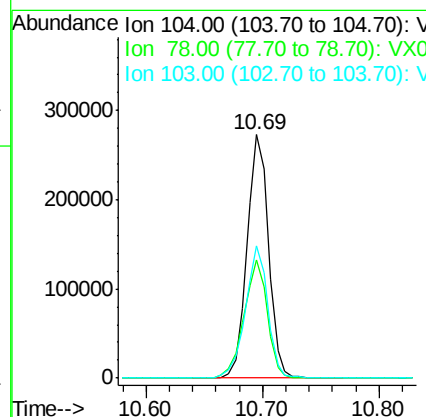
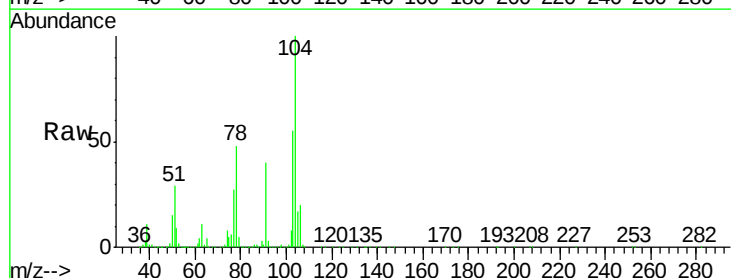
Manual Integrations
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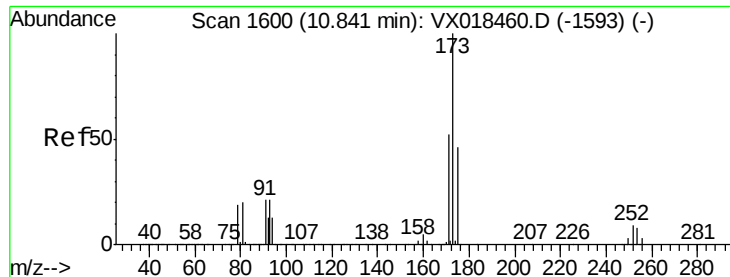
MMDadoda
9/18/2020 12:19:37 PM



#70
Styrene
Concen: 19.893 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	353200		
78	52.7	40.5	60.7	
103	56.3	43.2	64.8	





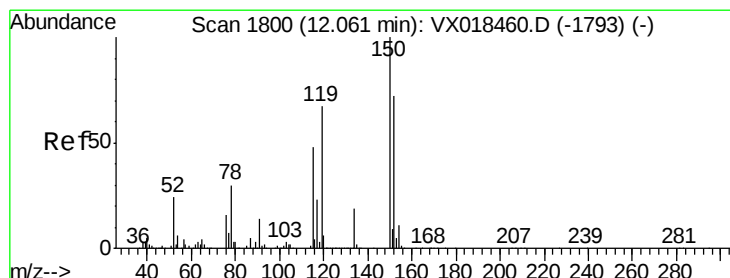
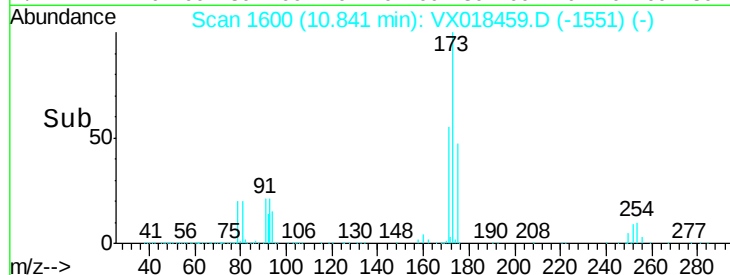
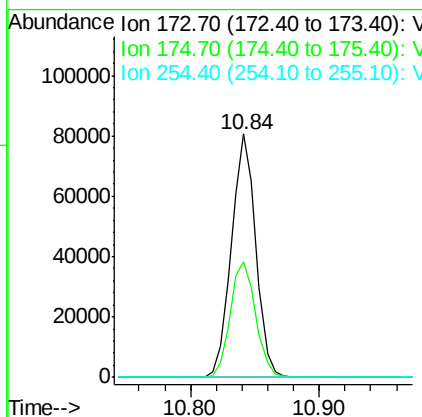
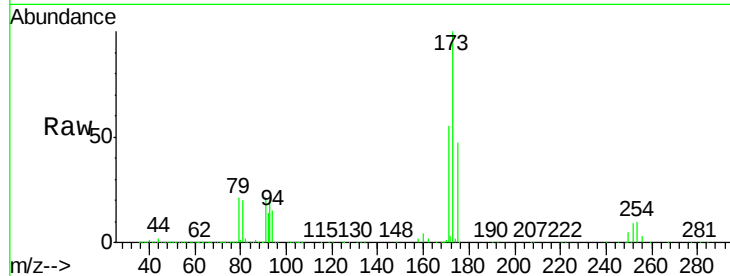
#71
Bromoform
Concen: 18.777 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	23.6	70.8
254	0.2	0.1	0.1#

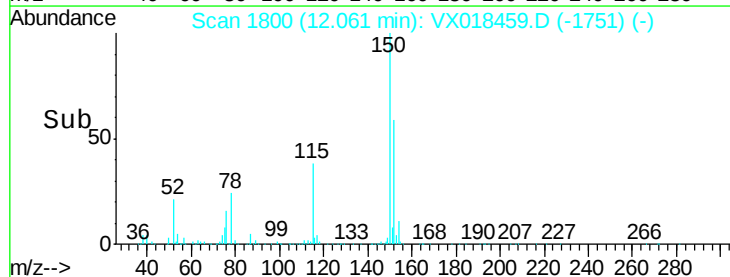
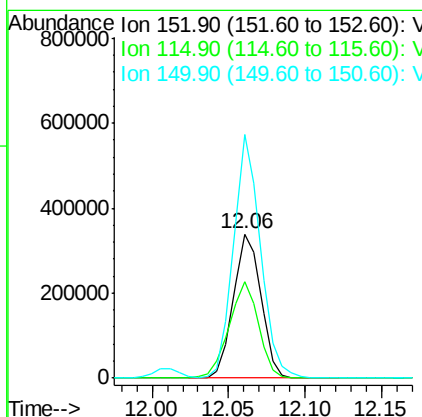
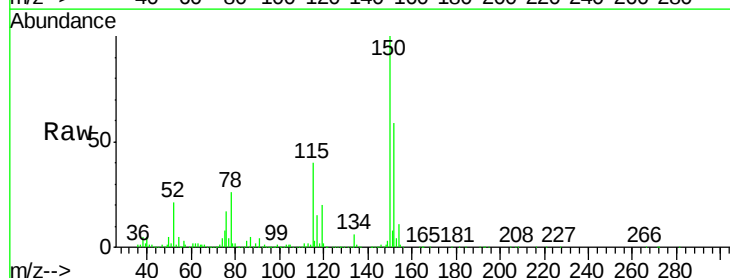
Manual Integrations
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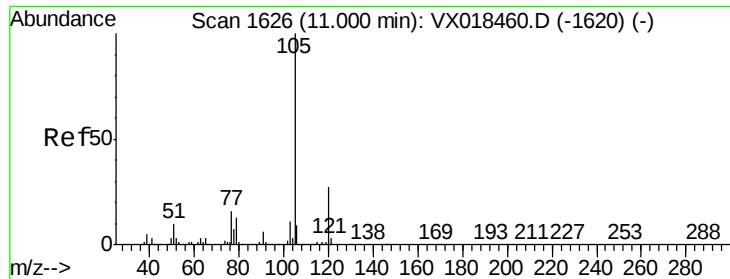
MMDadoda
9/18/2020 12:19:37 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	71.5	41.8	125.4
150	166.6	0.0	342.4





#73

Isopropylbenzene

Concen: 20.081 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 557076

Ion Ratio Lower Upper

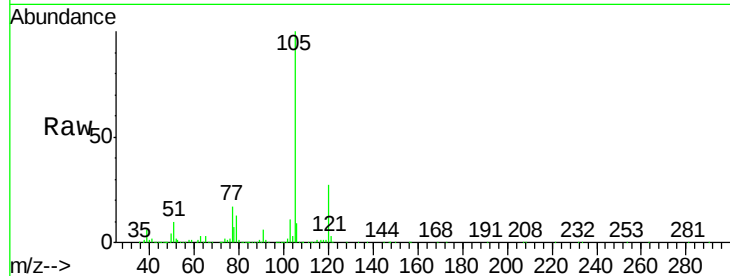
105 100

120 27.2 13.4 40.2

Manual Integrations
APPROVED

MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

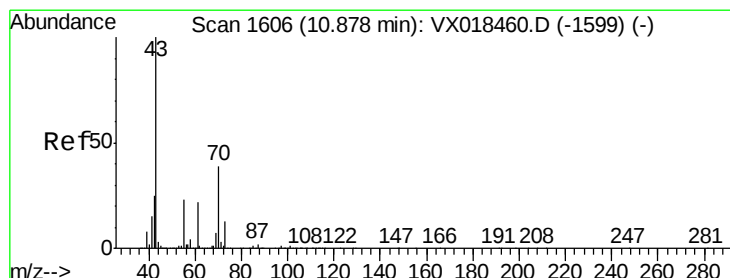
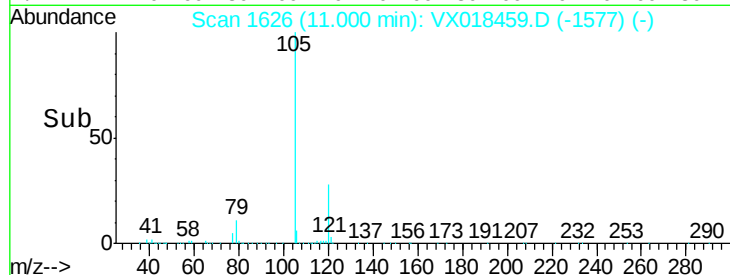
100000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.527 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion: 43 Resp: 241383

Ion Ratio Lower Upper

43 100

70 40.5 32.2 48.4

55 24.2 18.8 28.2

61 24.3 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

300000

250000

200000

150000

100000

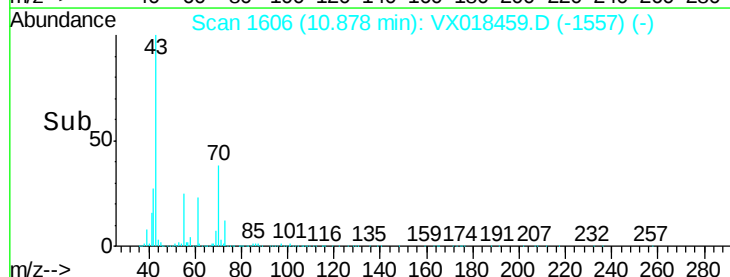
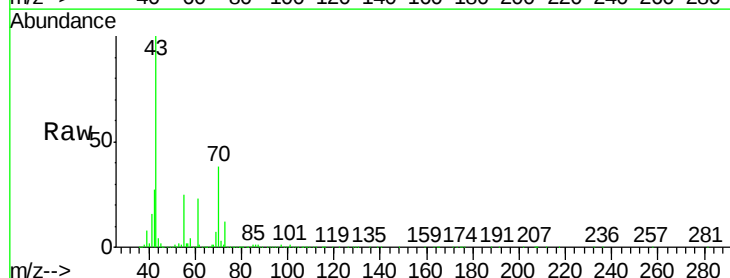
50000

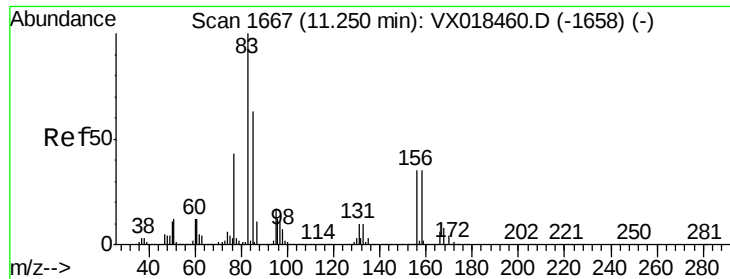
0

10.88

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.856 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

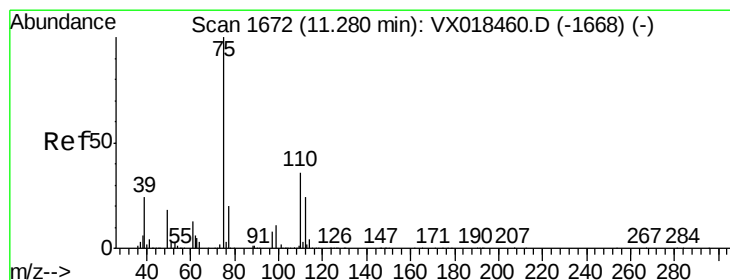
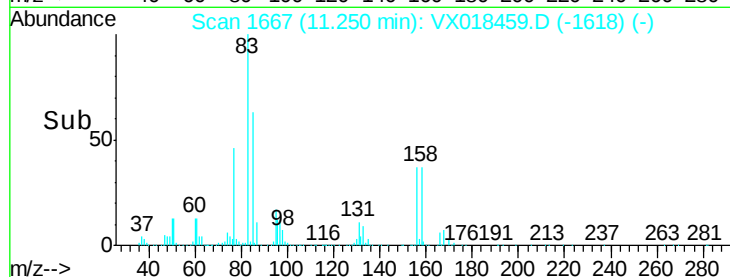
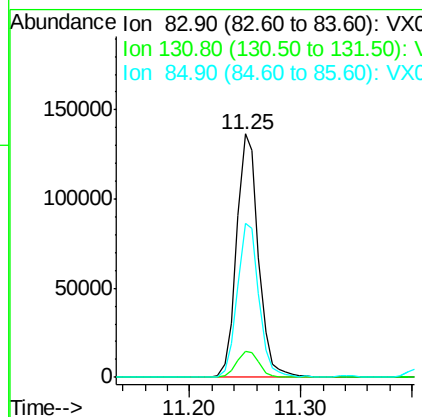
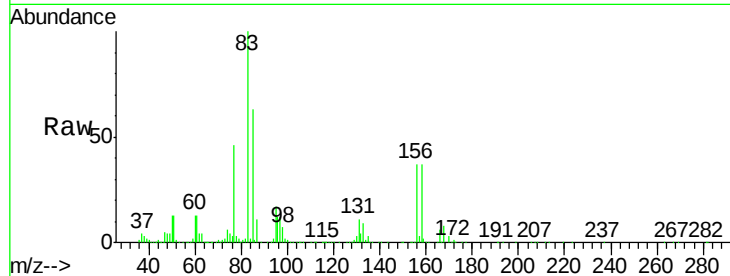
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	184115
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	63.8	31.8	95.4

Manual Integrations
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9/18/2020 12:19:37 PM



#76

1,2,3-Trichloropropane

Concen: 18.708 ug/l m

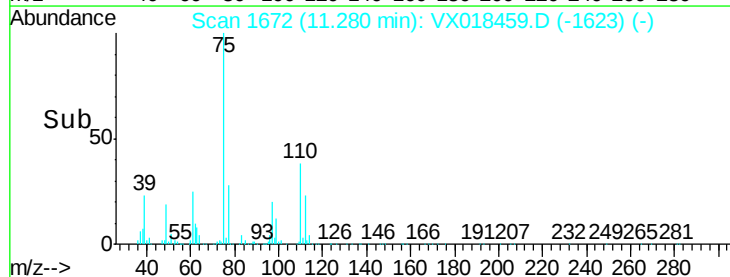
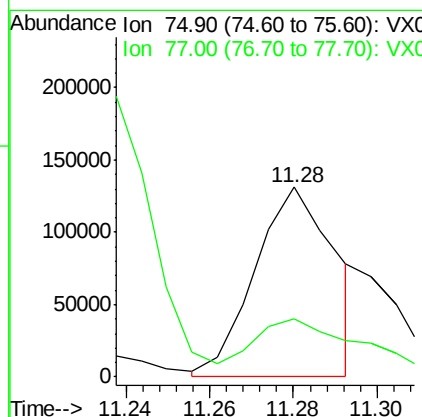
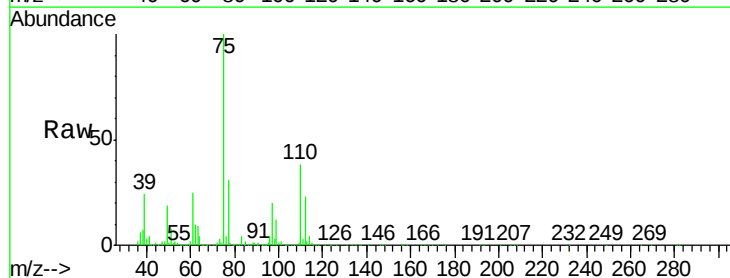
RT: 11.28 min Scan# 1672

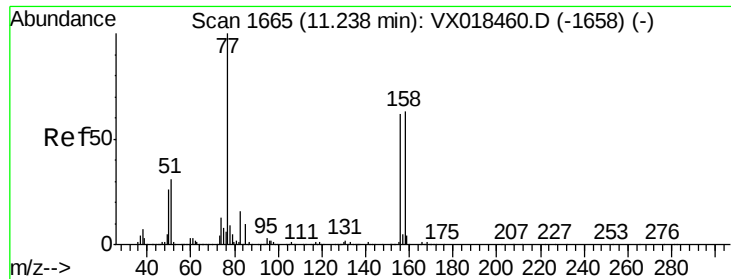
Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion:	75	Resp:	174434
Ion Ratio	Lower	Upper	
75	100		
77	41.6	20.9	62.7





#77

Bromobenzene

Concen: 19.659 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

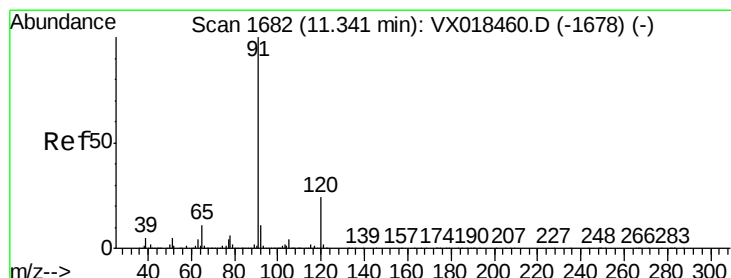
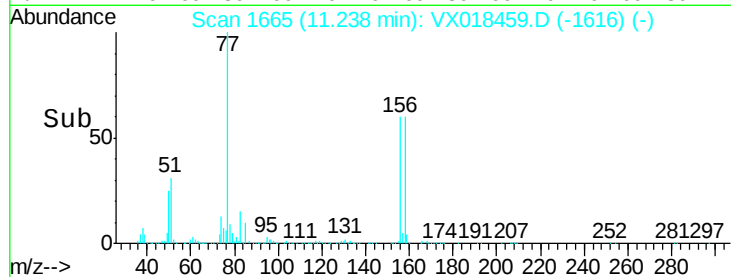
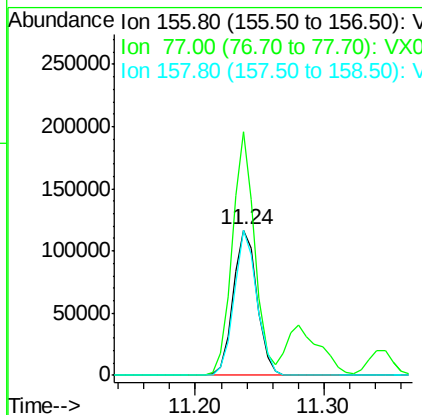
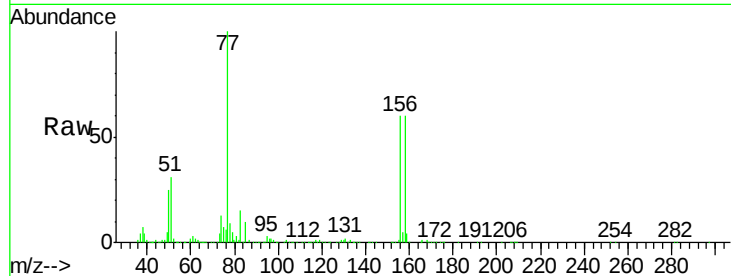
ClientSampleId :

VSTDIC020

Tot Ion:	156	Resp:	151259
Ion Ratio	Lower	Upper	
156	100		
77	157.7	78.8	236.5
158	95.4	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.579 ug/l

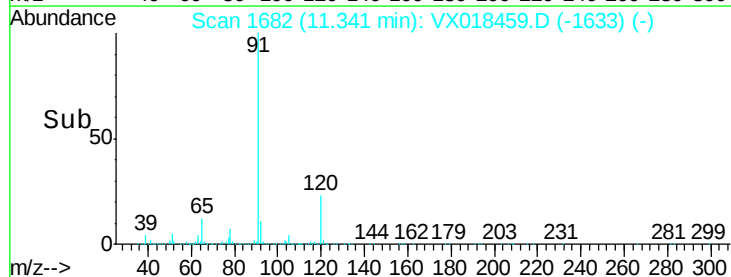
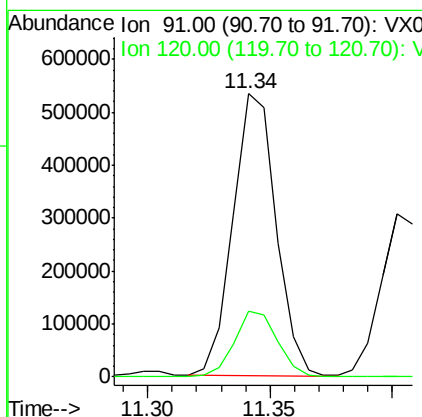
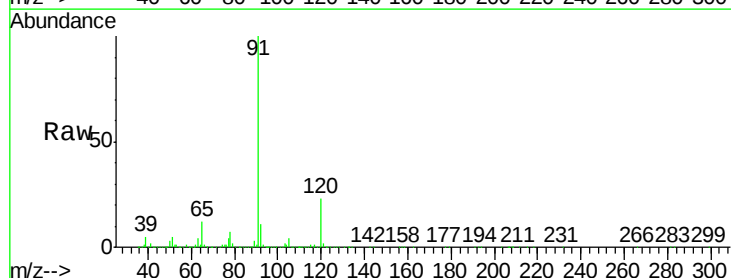
RT: 11.34 min Scan# 1682

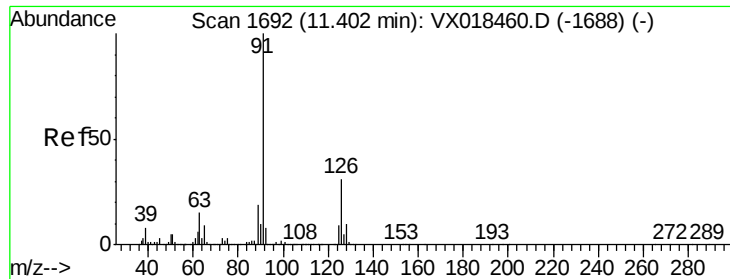
Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion:	91	Resp:	652964
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 20.158 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 393300

Ion Ratio Lower Upper

91 100

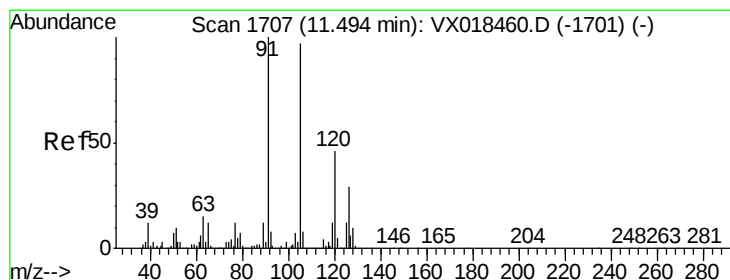
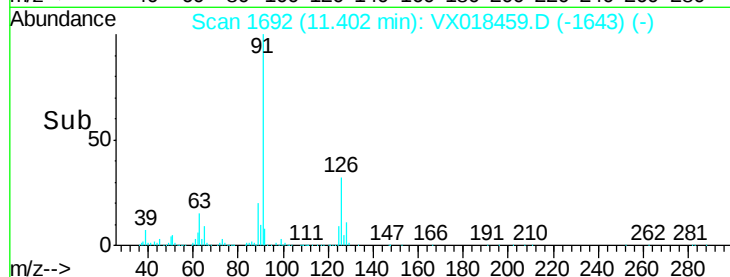
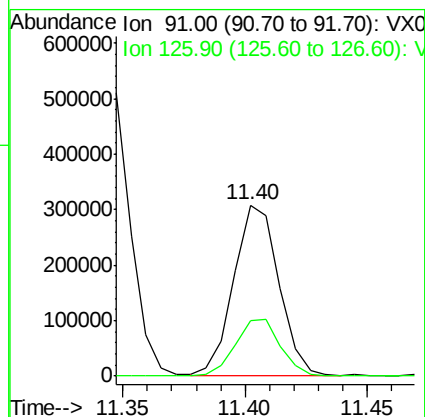
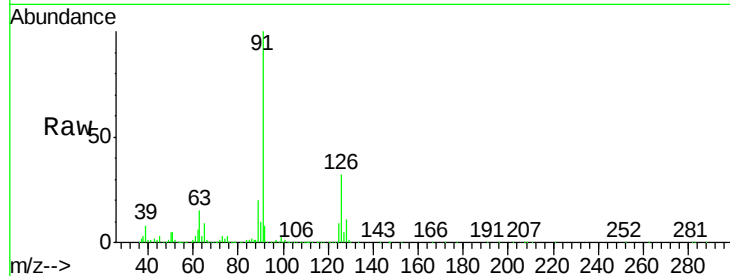
126 33.6 16.6 49.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.036 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018459.D

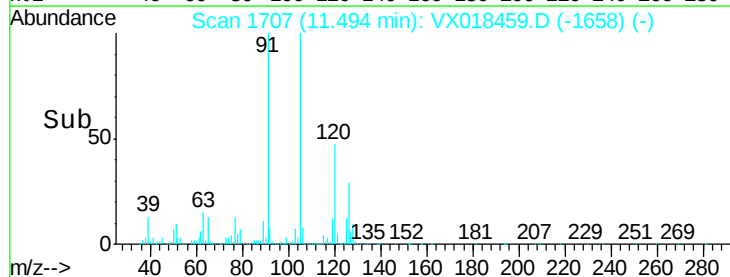
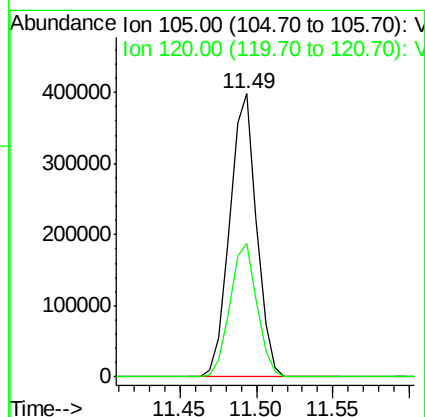
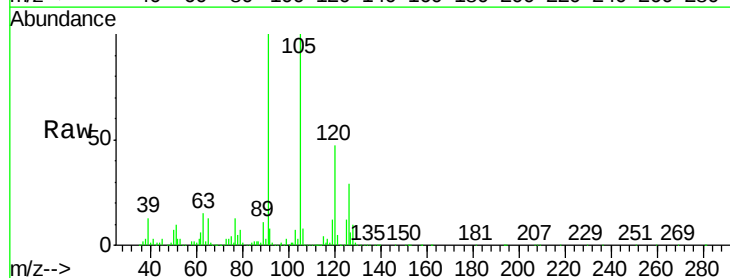
Acq: 17 Sep 2020 10:44

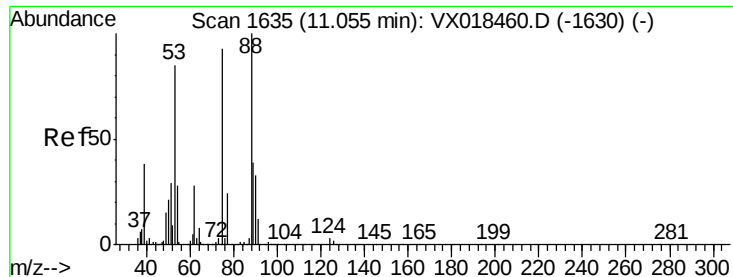
Tgt Ion: 105 Resp: 481452

Ion Ratio Lower Upper

105 100

120 47.3 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.087 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

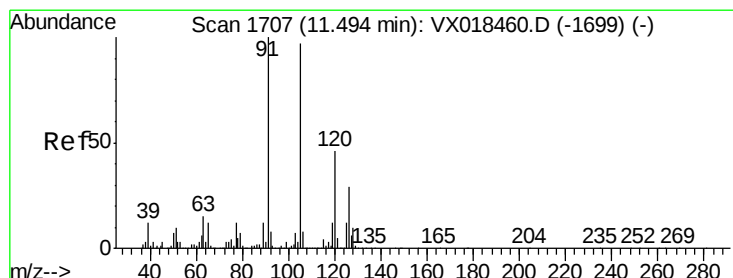
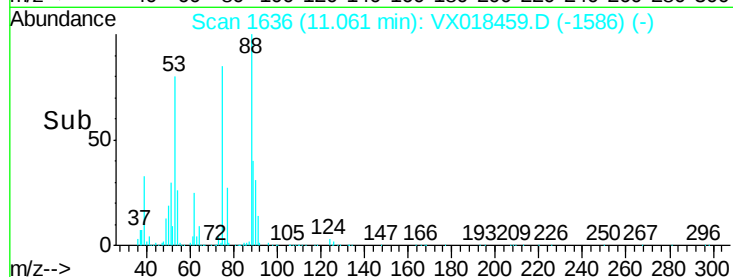
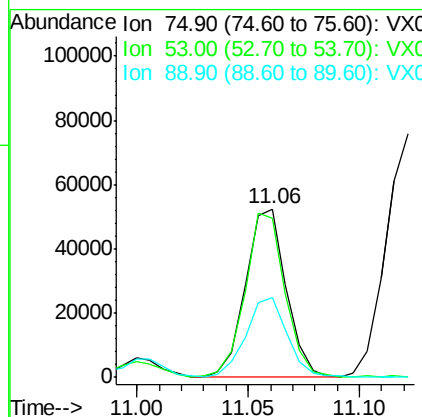
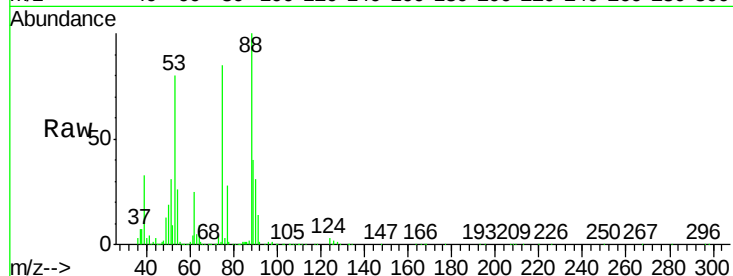
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	66271
Ion	Ratio	Lower	Upper
75	100		
53	95.5	74.6	111.8
89	48.6	36.2	54.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.510 ug/l

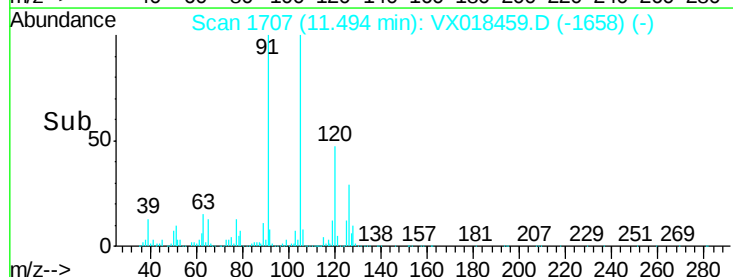
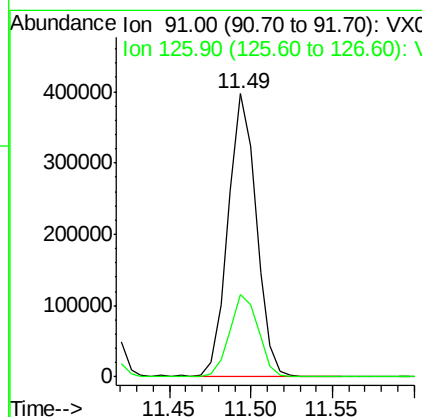
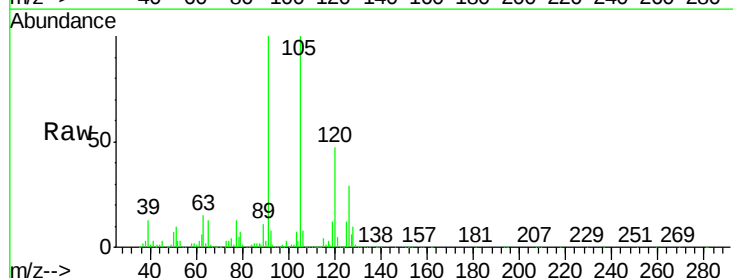
RT: 11.49 min Scan# 1707

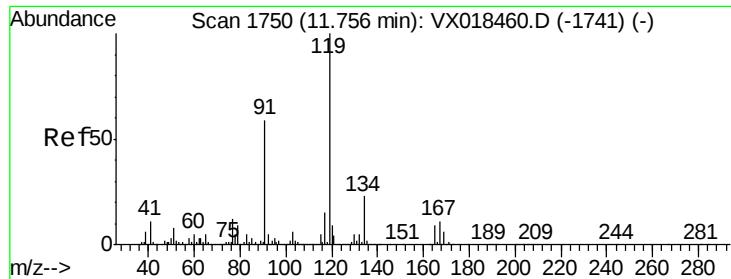
Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion:	91	Resp:	476344
Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.0	45.0





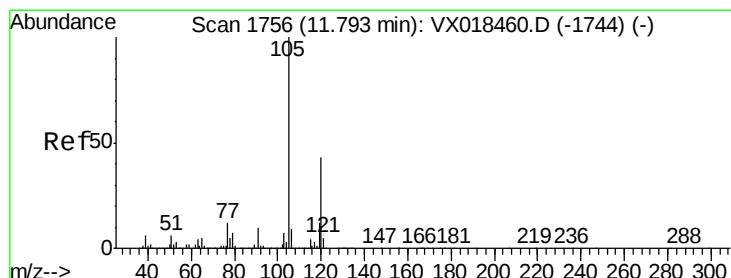
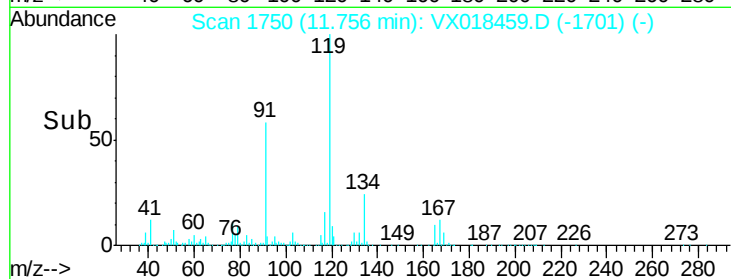
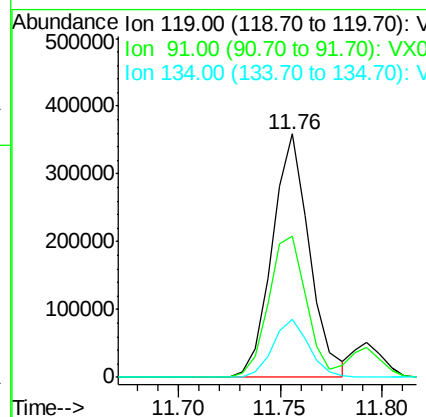
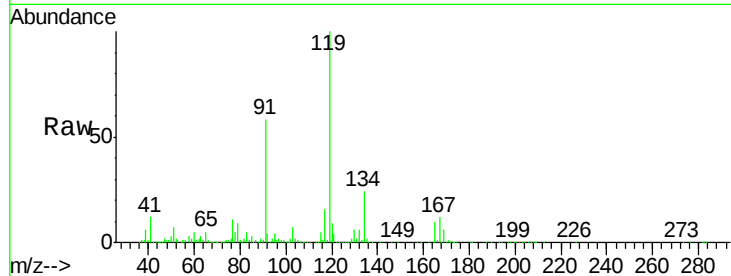
#83
 tert-Butylbenzene
 Concen: 20.181 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	456837		
91	58.5	28.9	86.7	
134	22.9	11.3	33.8	

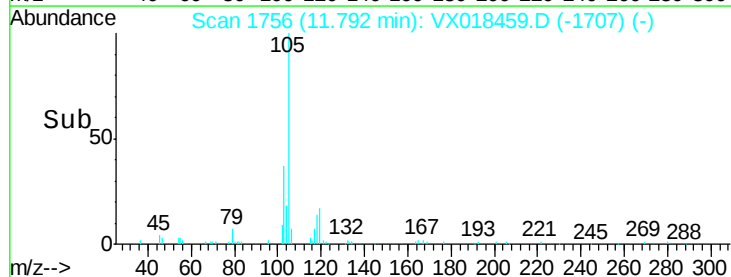
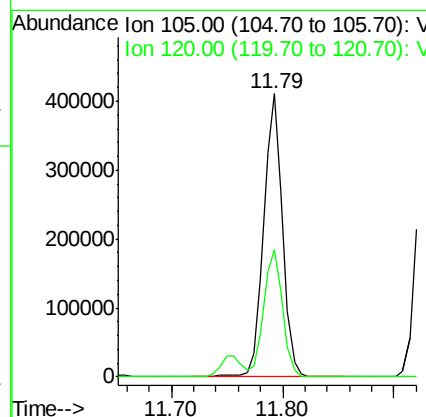
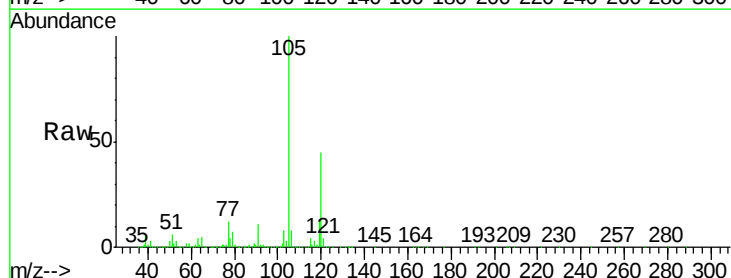
Manual Integrations
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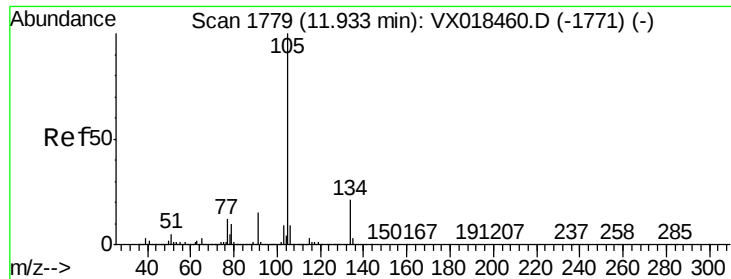
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.575 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	481954		
120	45.2	21.6	65.0	





#85

sec-Butylbenzene

Concen: 21.196 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 547184

Ion Ratio Lower Upper

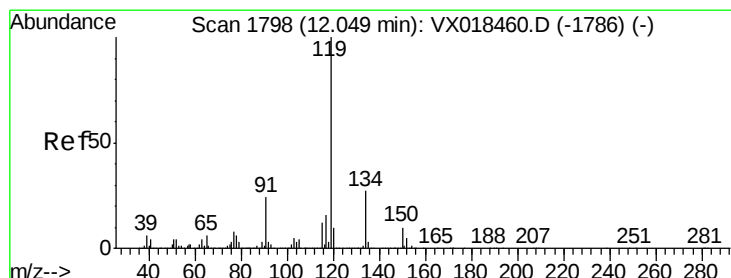
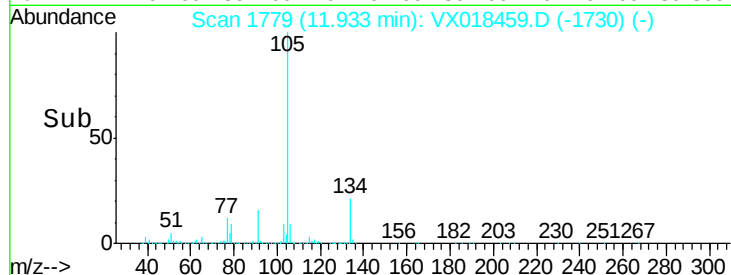
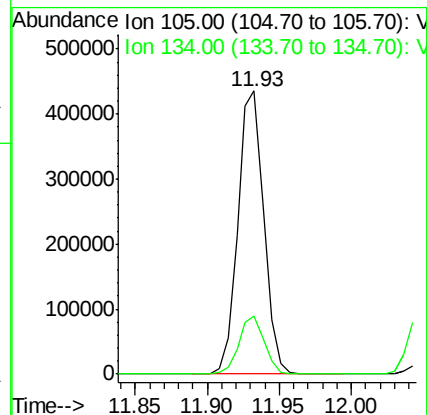
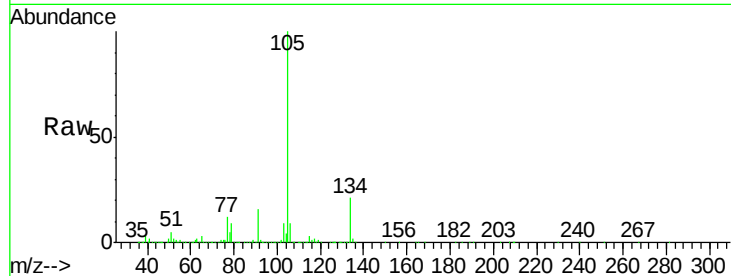
105 100

134 20.1 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 21.361 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

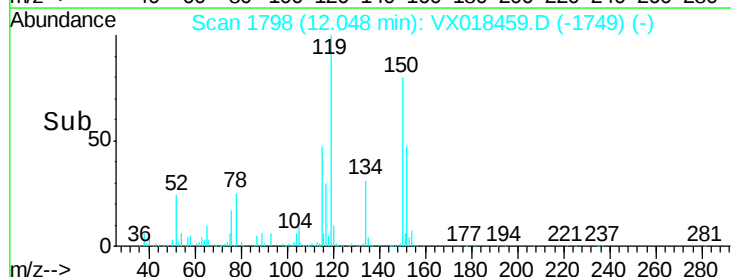
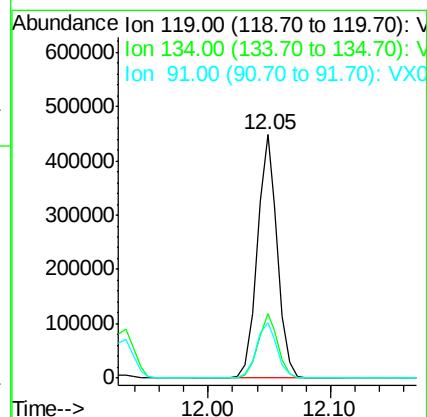
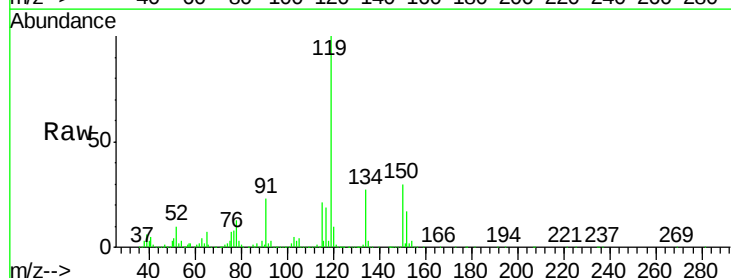
Tgt Ion:119 Resp: 507200

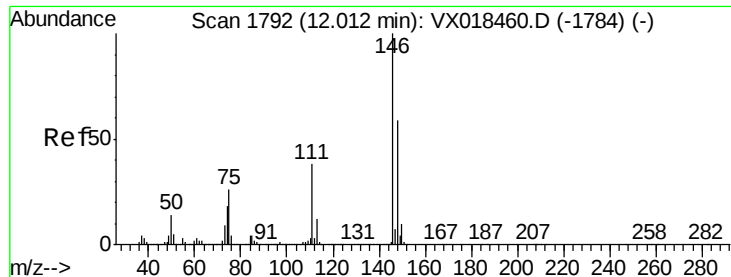
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.053 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

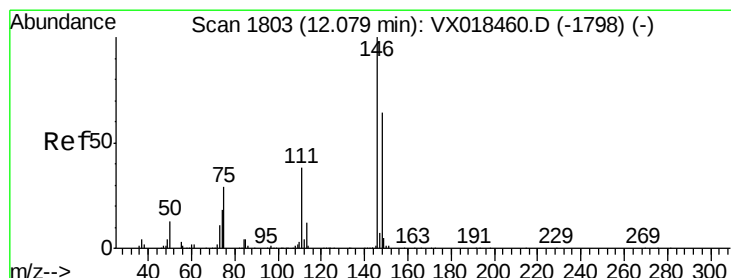
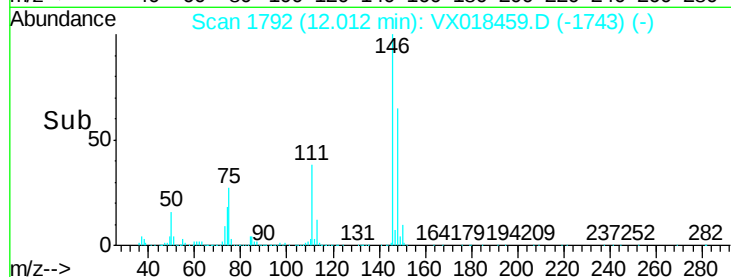
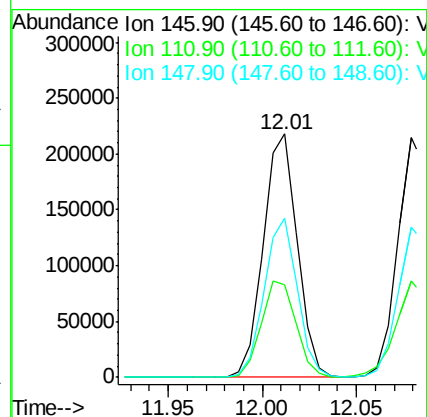
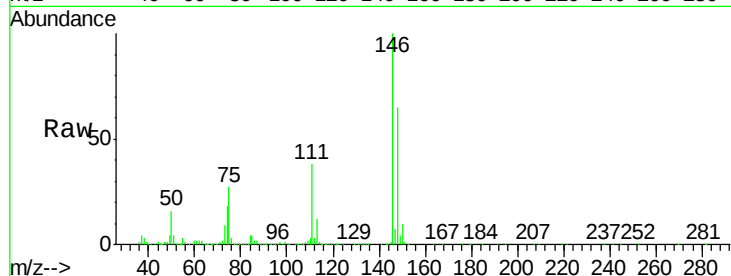
ClientSampleId :

VSTDIC020

Tot Ion:	146	Resp:	272520
Ion Ratio		Lower	Upper
146	100		
111	40.4	20.4	61.2
148	63.9	31.1	93.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.072 ug/l

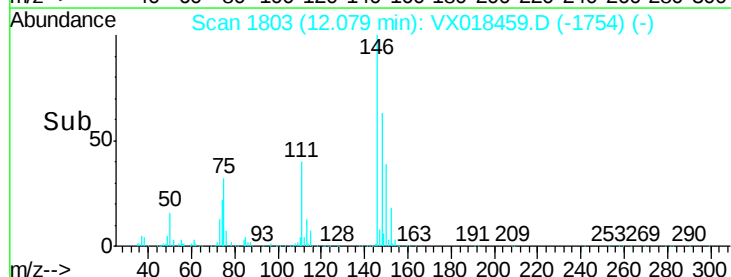
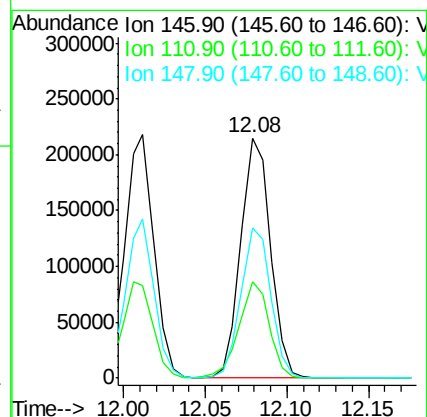
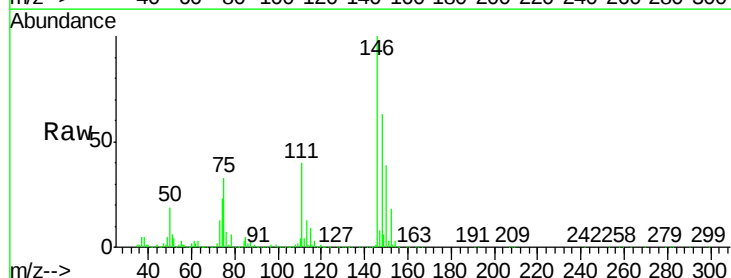
RT: 12.08 min Scan# 1803

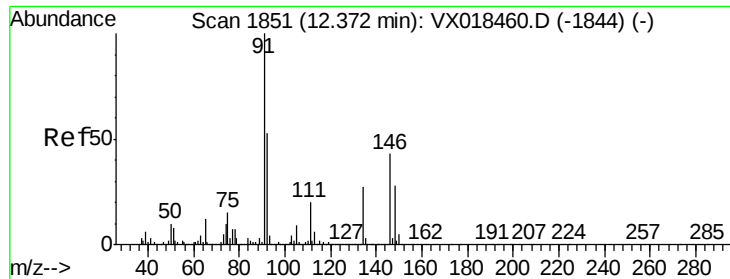
Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion:	146	Resp:	273197
Ion Ratio		Lower	Upper
146	100		
111	41.0	19.4	58.4
148	63.1	31.8	95.4





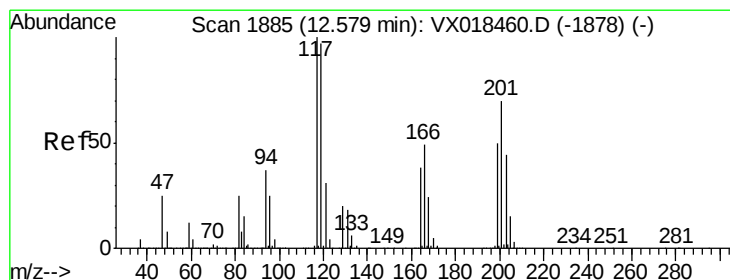
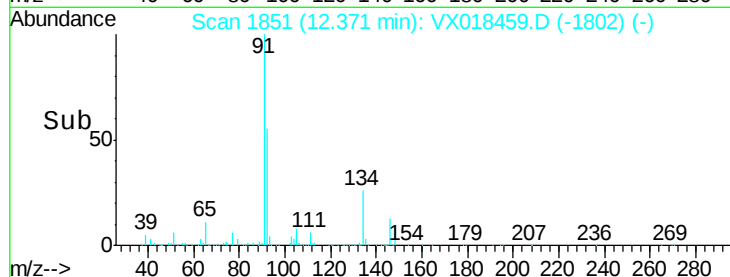
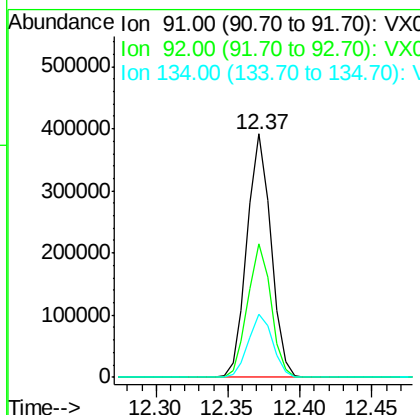
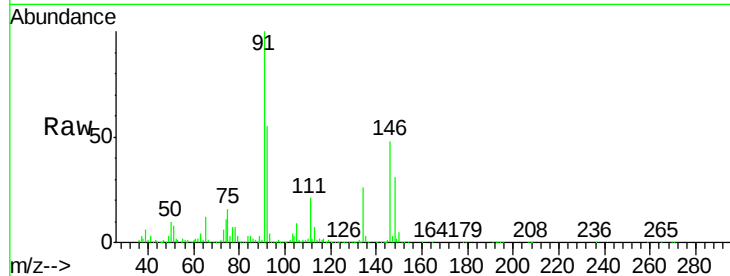
#89
n-Butylbenzene
Concen: 20.655 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.1	78.2
134	26.2	13.3	39.8

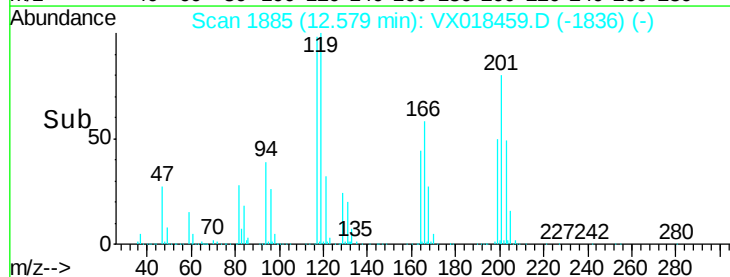
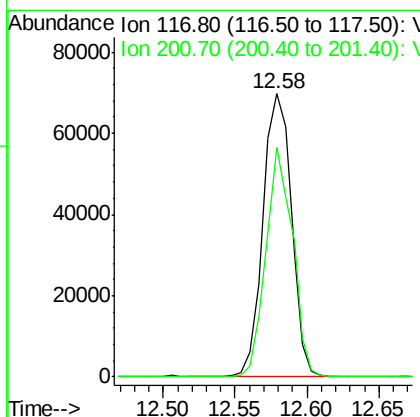
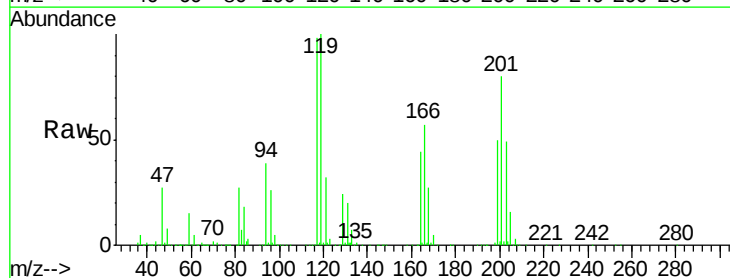
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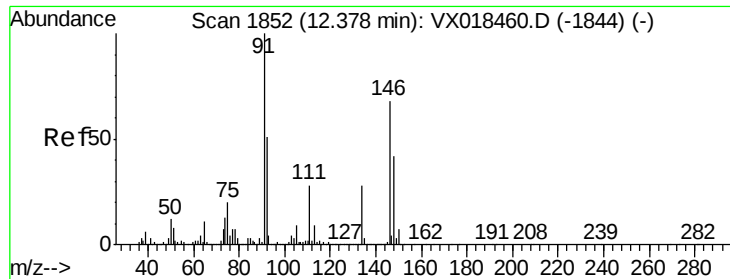
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#90
Hexachloroethane
Concen: 20.375 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	36.2	108.6





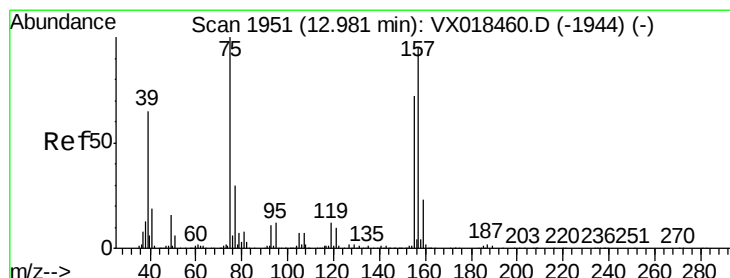
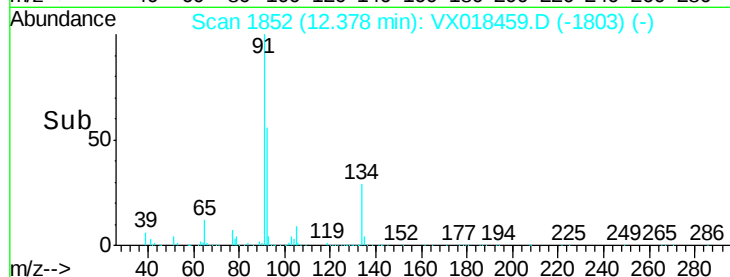
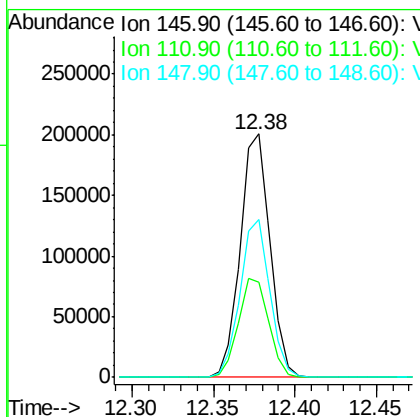
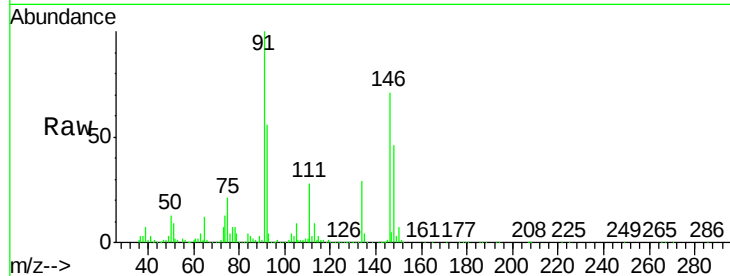
#91
 1,2-Dichlorobenzene
 Concen: 20.159 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	255990		
111	41.6	21.5	64.5	
148	64.8	32.1	96.5	

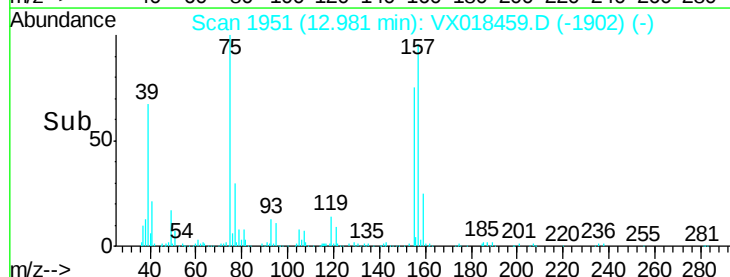
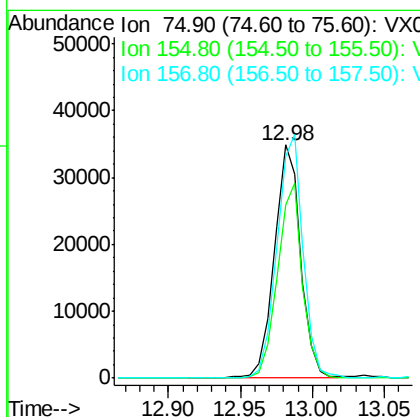
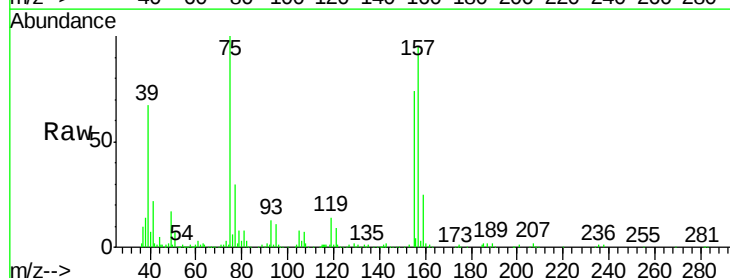
Manual Integrations
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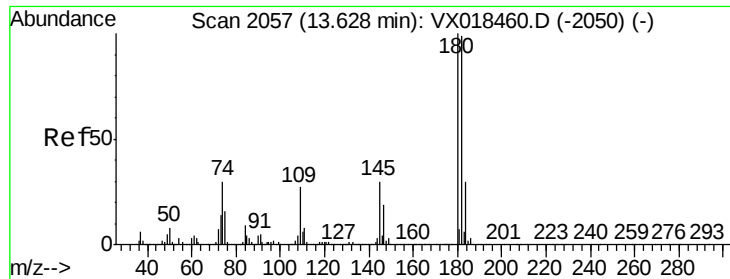
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.056 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44158		
155	79.6	38.8	116.4	
157	104.7	51.1	153.3	





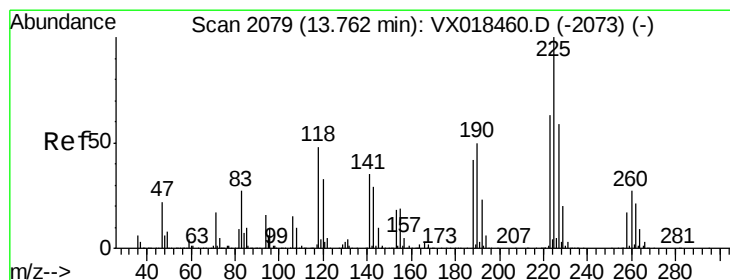
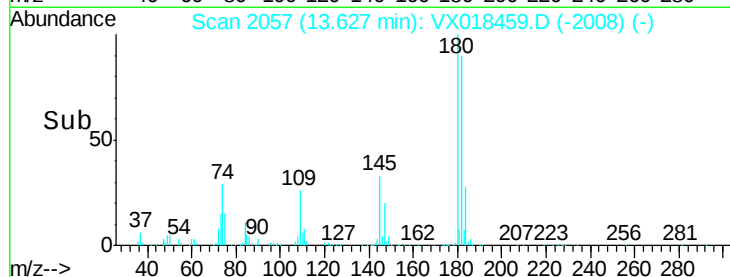
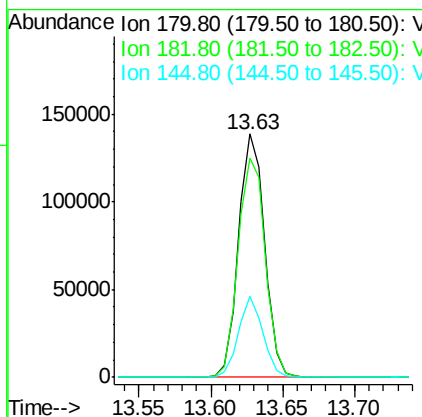
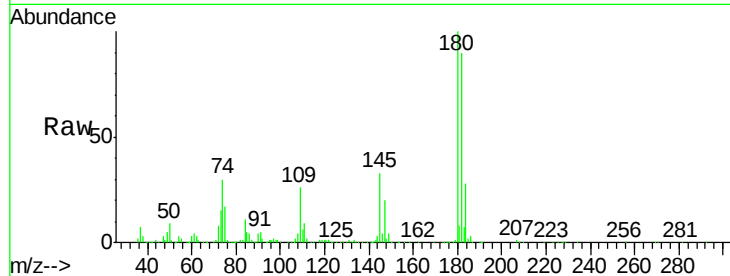
#93
1,2,4-Trichlorobenzene
Concen: 20.437 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	173988		
182	94.3	50.2	150.6	
145	31.4	15.7	47.1	

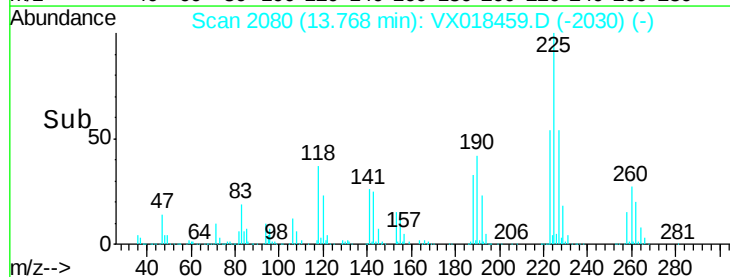
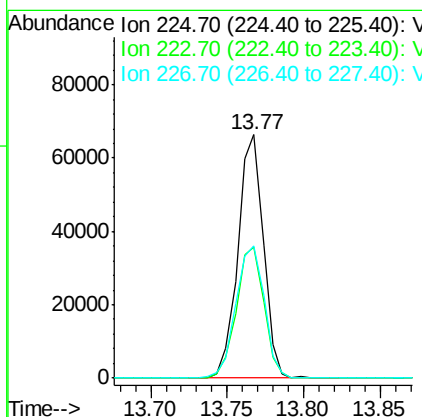
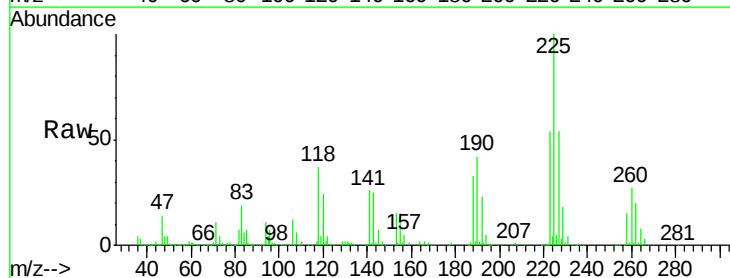
Manual Integrations
APPROVED

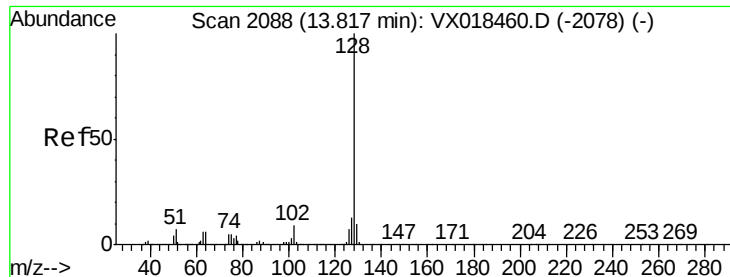
MMDadoda
9/18/2020 12:19:37 PM



#94
Hexachlorobutadiene
Concen: 22.445 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	76567		
223	58.3	32.0	96.2	
227	60.4	31.7	95.1	





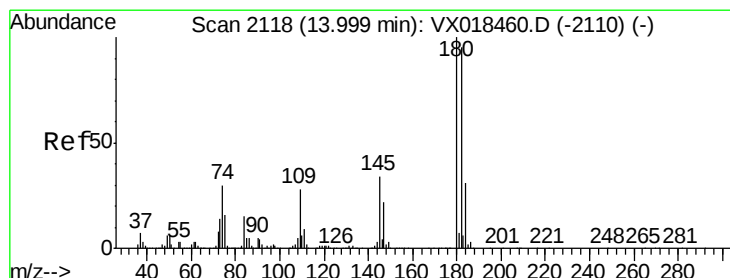
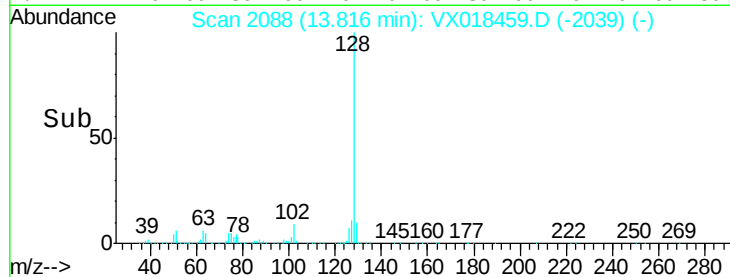
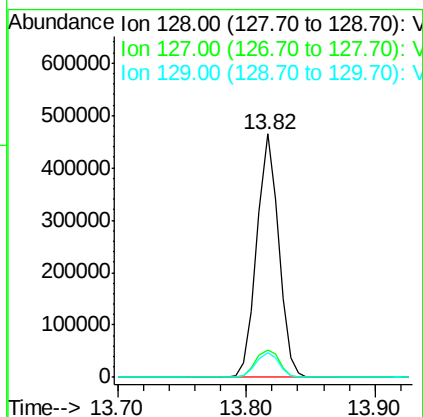
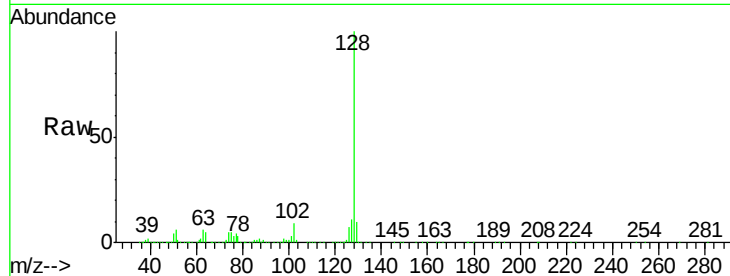
#95
Naphthalene
Concen: 19.421 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	540638		
127	12.6	10.3	15.5	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/18/2020 12:19:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.019 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	169029		
182	97.6	47.1	141.3	
145	34.6	16.8	50.4	

