

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018045.D
 Acq On : 20 Aug 2020 20:31
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:11 AM

Quant Time: Aug 21 02:52:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	584807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	951148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	936673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	459548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	809137	103.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.04%	
35) Dibromofluoromethane	5.46	113	651303	105.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.56%	
50) Toluene-d8	8.70	98	2408277	102.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.62%	
62) 4-Bromofluorobenzene	11.12	95	970036	107.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	744580	116.478	ug/l	96
3) Chloromethane	1.31	50	764142	105.599	ug/l	98
4) Vinyl Chloride	1.39	62	762760	99.420	ug/l	100
5) Bromomethane	1.62	94	362854	94.129	ug/l	99
6) Chloroethane	1.70	64	413310	90.616	ug/l	98
7) Trichlorofluoromethane	1.91	101	1021610	101.057	ug/l	96
8) Diethyl Ether	2.17	74	347816	84.291	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	533966	92.773	ug/l	98
10) Methyl Iodide	2.49	142	643118	88.289	ug/l	99
11) Tert butyl alcohol	3.03	59	800284	428.347	ug/l	98
12) 1,1-Dichloroethene	2.35	96	556881	92.590	ug/l	99
13) Acrolein	2.28	56	344157	310.499	ug/l	99
14) Allyl chloride	2.70	41	1059496	95.878	ug/l	100
15) Acrylonitrile	3.12	53	1840150	464.269	ug/l	100
16) Acetone	2.42	43	1556655	461.970	ug/l	96
17) Carbon Disulfide	2.54	76	1644187	80.700	ug/l	99
18) Methyl Acetate	2.75	43	784085	94.179	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	2026272	97.666	ug/l	98
20) Methylene Chloride	2.83	84	654307	92.656	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	624179	92.816	ug/l	99
22) Diisopropyl ether	3.83	45	2069195	98.626	ug/l	99
23) Vinyl Acetate	3.79	43	9511163	514.548	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1171066	99.624	ug/l	100
25) 2-Butanone	4.64	43	2669440	489.174	ug/l	99
26) 2,2-Dichloropropane	4.55	77	920196	87.335	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	724029	98.327	ug/l	99
28) Bromochloromethane	4.98	49	538986	99.714	ug/l	100
29) Tetrahydrofuran	5.10	42	1737834	481.128	ug/l	100
30) Chloroform	5.18	83	1198079	101.967	ug/l	97
31) Cyclohexane	5.55	56	986909	94.125	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	1106213	103.448	ug/l	100
36) 1,1-Dichloropropene	5.77	75	889663	95.324	ug/l	100
37) Ethyl Acetate	4.80	43	1048424	97.840	ug/l	99
38) Carbon Tetrachloride	5.76	117	1006596	104.663	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	990200	89.581	ug/l	99
40) Benzene	6.12	78	2642364	97.199	ug/l	98
41) Methacrylonitrile	5.01	41	569637	98.297	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1005639	101.648	ug/l	100
43) Isopropyl Acetate	6.42	43	1734263	100.766	ug/l	99
44) Trichloroethene	7.19	130	741301	78.881	ug/l	99
45) 1,2-Dichloropropane	7.49	63	712077	102.470	ug/l	97
46) Dibromomethane	7.64	93	498301	105.071	ug/l	100
47) Bromodichloromethane	7.88	83	1011632	105.001	ug/l	98
48) Methyl methacrylate	7.75	41	885588	107.878	ug/l	99
49) 1,4-Dioxane	7.71	88	298978	1569.481	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	5456799	518.015	ug/l	99
52) Toluene	8.77	92	1672789	98.490	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1177731	103.373	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	1204402	101.250	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	709585	105.010	ug/l	98
56) Ethyl methacrylate	9.16	69	1159866	106.658	ug/l	100
57) 1,3-Dichloropropane	9.35	76	1204310	102.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2509667	445.057	ug/l	100
59) 2-Hexanone	9.48	43	4216953	510.397	ug/l	99
60) Dibromochloromethane	9.57	129	878775	116.908	ug/l	99
61) 1,2-Dibromoethane	9.65	107	792356	108.406	ug/l	99
64) Tetrachloroethene	9.32	164	645638	59.897	ug/l	94
65) Chlorobenzene	10.12	112	1921610	98.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	769302	105.576	ug/l	99
67) Ethyl Benzene	10.24	91	3311164	95.593	ug/l	100
68) m/p-Xylenes	10.34	106	2499282	192.519	ug/l	99
69) o-Xylene	10.68	106	1221376	98.056	ug/l	99
70) Styrene	10.70	104	2130286	100.492	ug/l	99
71) Bromoform	10.84	173	666295	111.739	ug/l #	99
73) Isopropylbenzene	11.01	105	3202123	96.705	ug/l	99
74) N-amyl acetate	10.88	43	1600074	102.937	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	1071376	163.916	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1003551m	96.889	ug/l	
77) Bromobenzene	11.24	156	852694	99.043	ug/l	99
78) n-propylbenzene	11.35	91	3699823	96.275	ug/l	100
79) 2-Chlorotoluene	11.41	91	2238941	97.890	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2693916	96.312	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	407204	95.796	ug/l	98
82) 4-Chlorotoluene	11.49	91	2634019	97.658	ug/l	99
83) tert-Butylbenzene	11.76	119	2651755	107.858	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2746080	97.020	ug/l	99
85) sec-Butylbenzene	11.93	105	3040426	94.034	ug/l	100
86) p-Isopropyltoluene	12.05	119	2803855	93.412	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1511455	98.146	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	1470107	94.166	ug/l	98
89) n-Butylbenzene	12.37	91	2521435	92.138	ug/l	100
90) Hexachloroethane	12.58	117	542930	103.901	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1421975	95.648	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	279630	102.258	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	962379	88.607	ug/l	98
94) Hexachlorobutadiene	13.77	225	362486	73.831	ug/l	95
95) Naphthalene	13.82	128	3374923	95.931	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	955612	90.580	ug/l	98

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

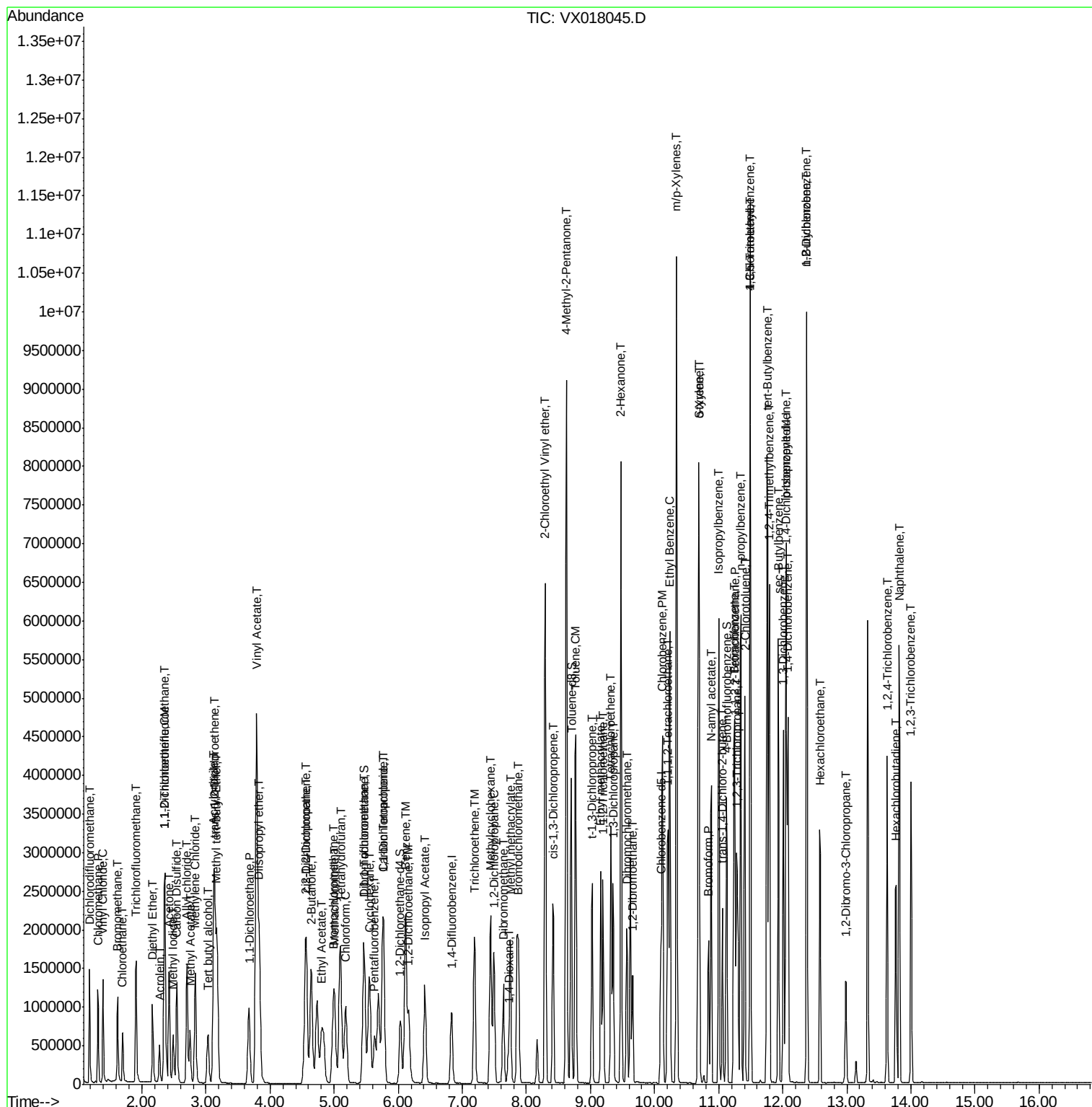
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082120\
Data File : VX018045.D
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Operator : JC/SP
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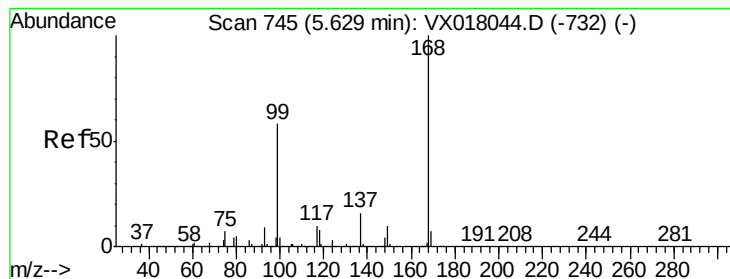
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 584807

Ion Ratio Lower Upper

168 100

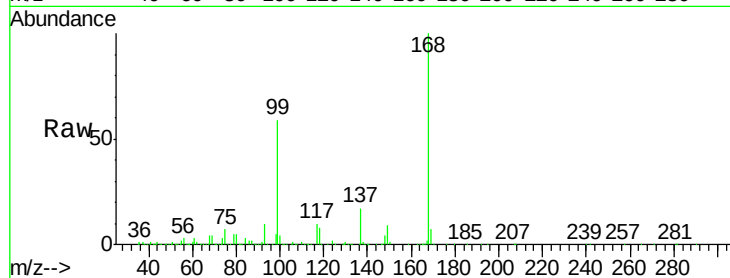
99 58.4 46.3 69.5

Manual Integrations

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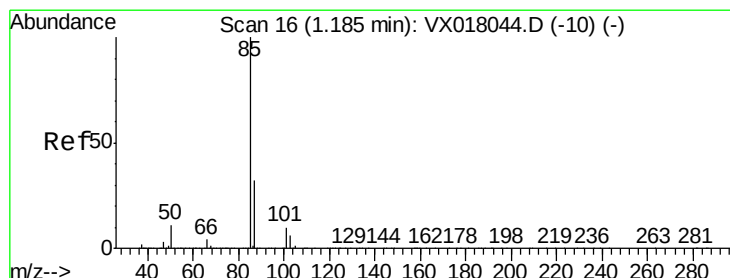
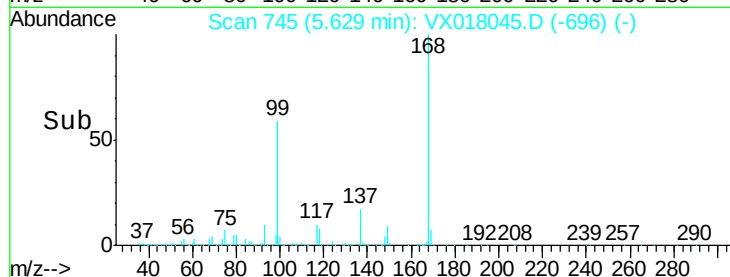
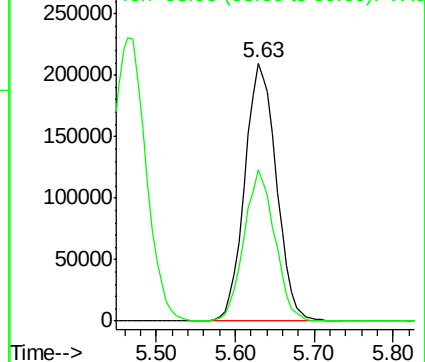
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 116.478 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018045.D

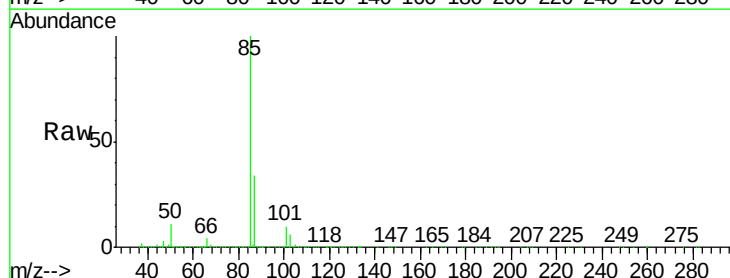
Acq: 20 Aug 2020 20:31

Tgt Ion: 85 Resp: 744580

Ion Ratio Lower Upper

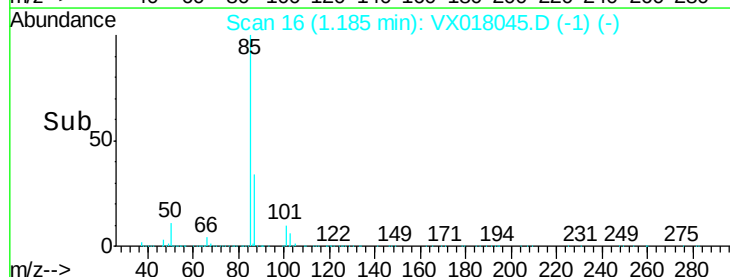
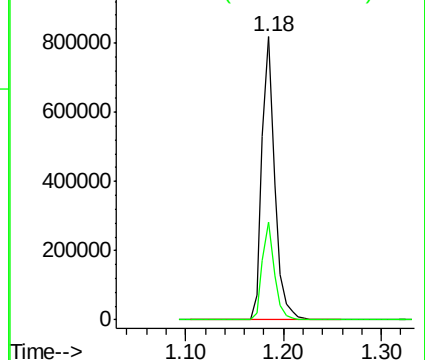
85 100

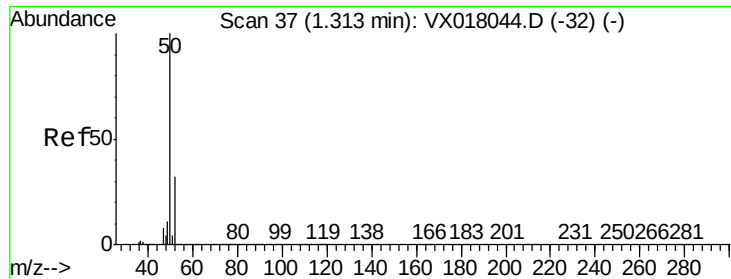
87 34.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 105.599 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 764142

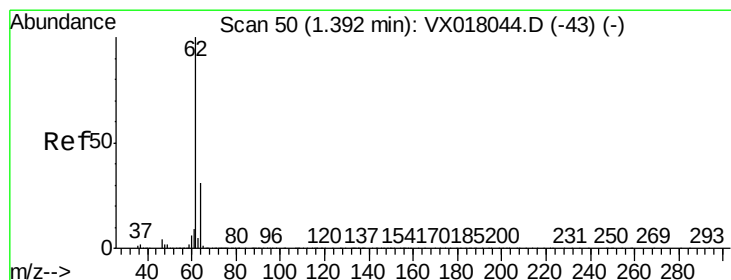
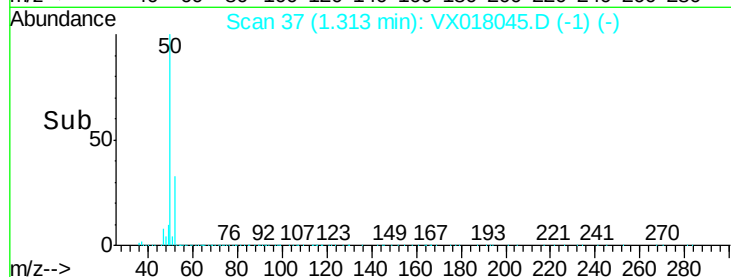
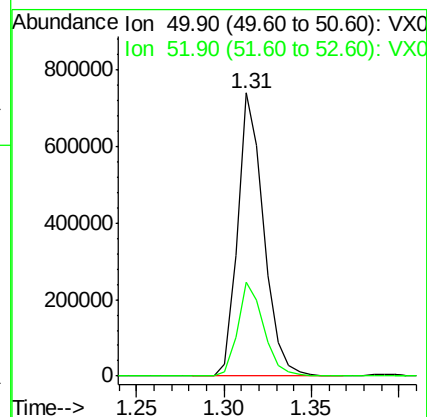
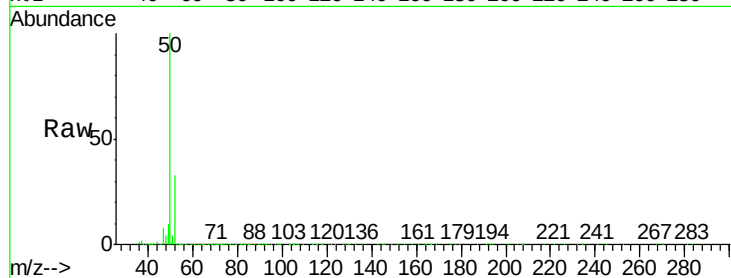
Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 99.420 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018045.D

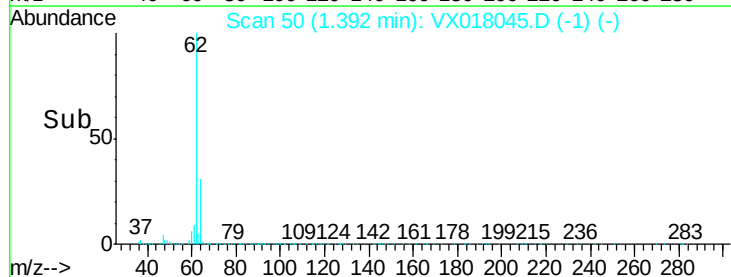
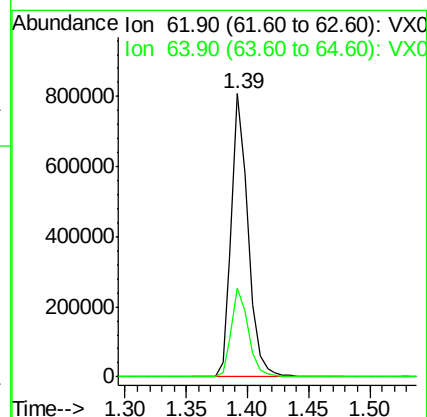
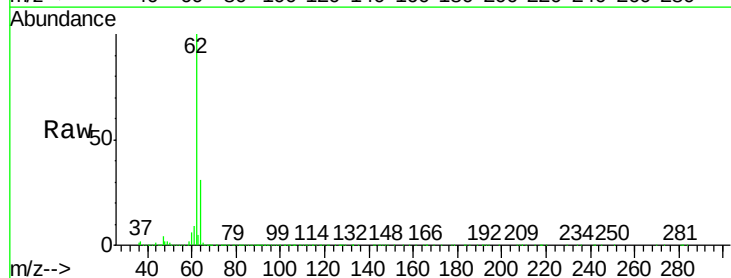
Acq: 20 Aug 2020 20:31

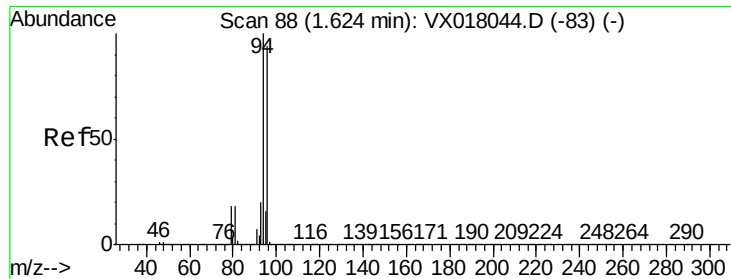
Tgt Ion: 62 Resp: 762760

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 94.129 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion: 94 Resp: 362854

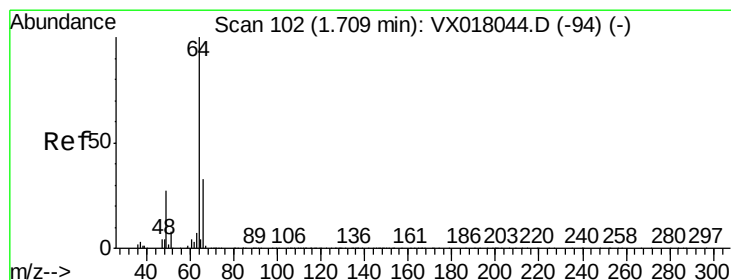
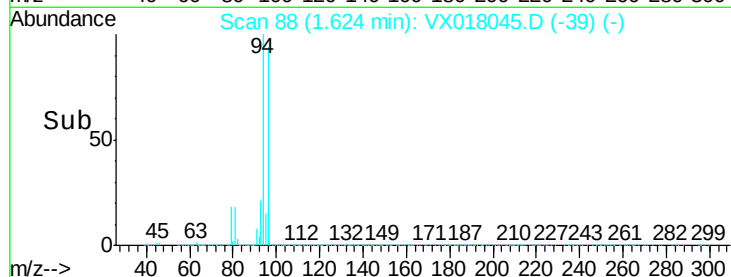
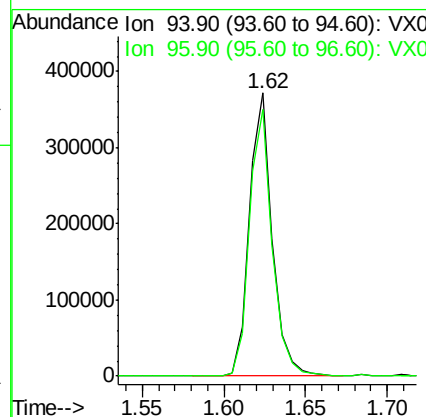
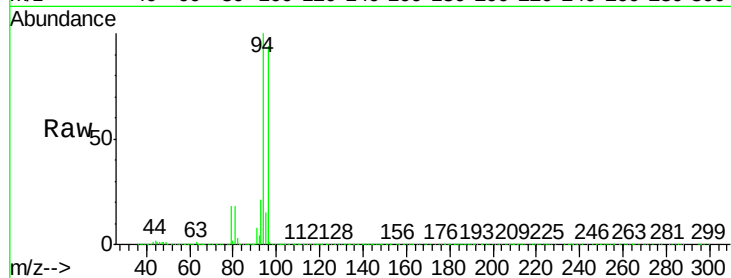
Ion Ratio Lower Upper

94 100

96 94.3 74.8 112.2

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#6

Chloroethane

Concen: 90.616 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018045.D

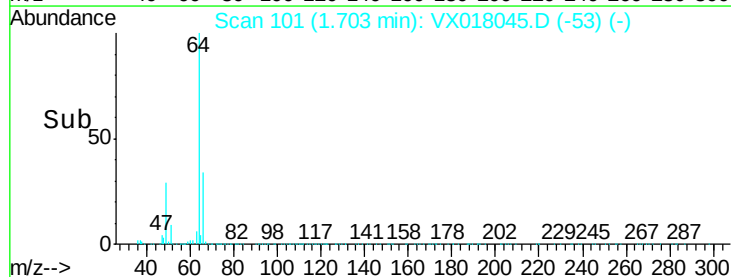
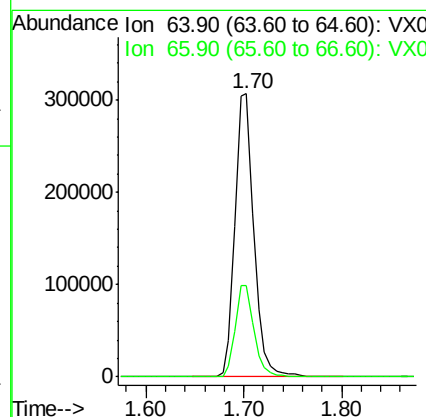
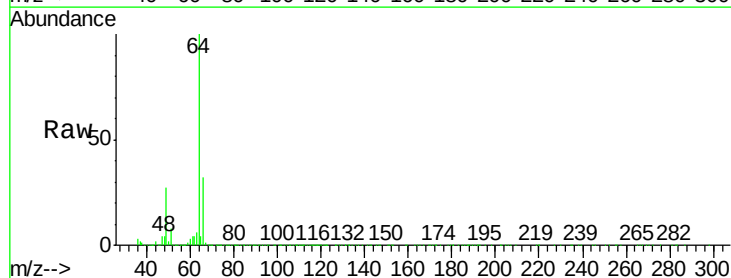
Acq: 20 Aug 2020 20:31

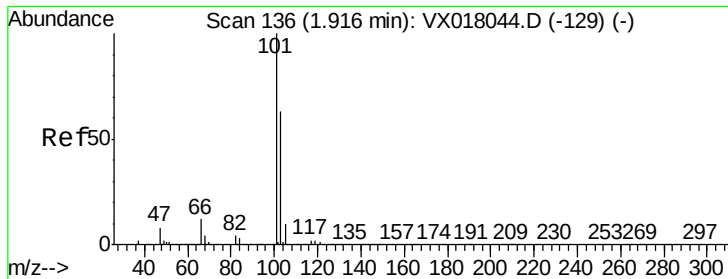
Tgt Ion: 64 Resp: 413310

Ion Ratio Lower Upper

64 100

66 32.0 26.6 39.8





#7

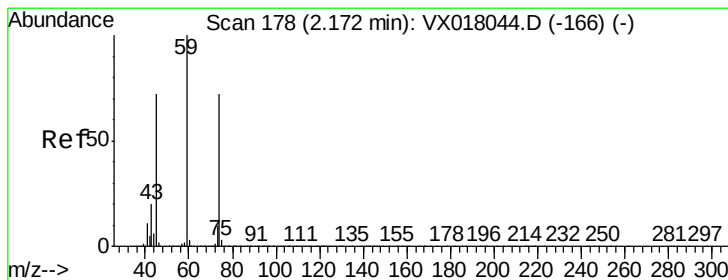
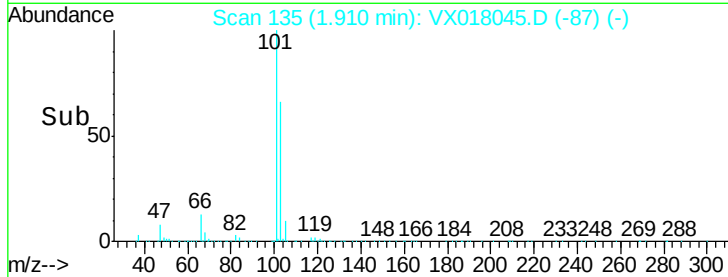
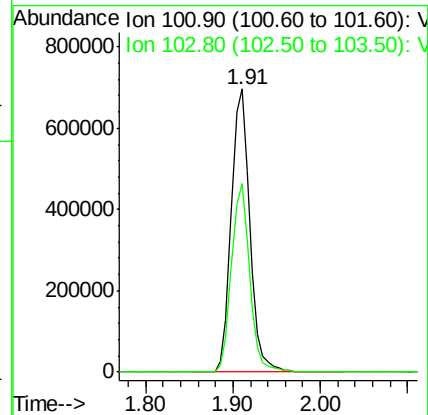
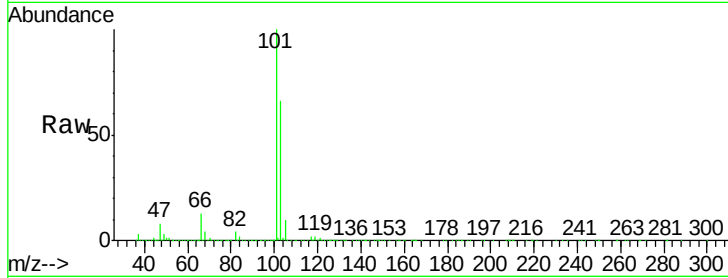
Trichlorofluoromethane
Concen: 101.057 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:101 Resp: 1021610
Ion Ratio Lower Upper
101 100
103 66.4 50.7 76.1

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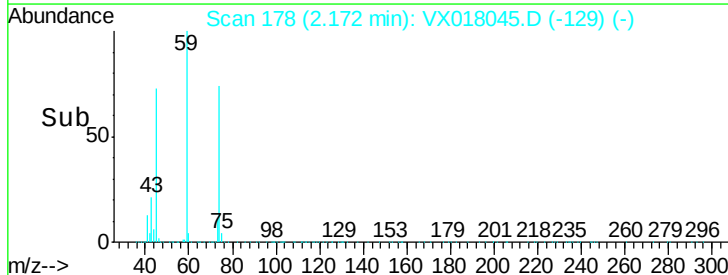
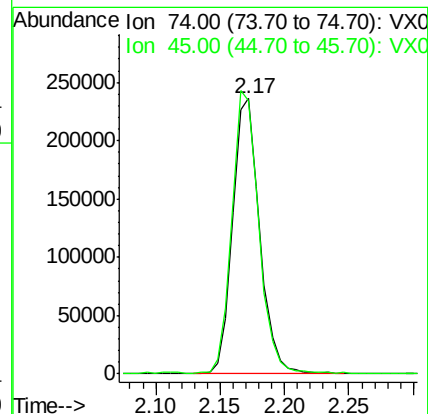
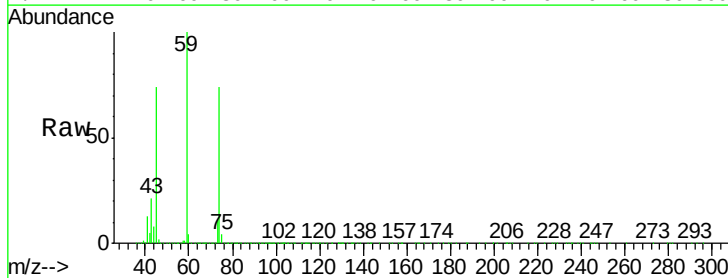
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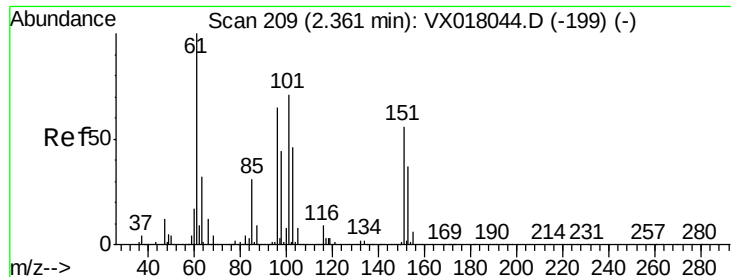


#8

Diethyl Ether
Concen: 84.291 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 74 Resp: 347816
Ion Ratio Lower Upper
74 100
45 102.3 50.7 152.3





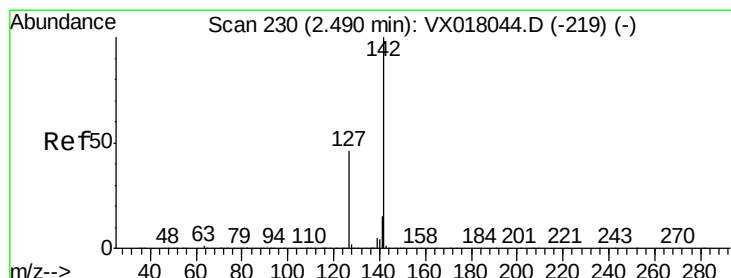
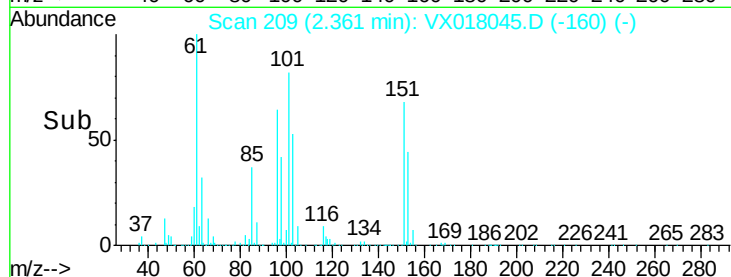
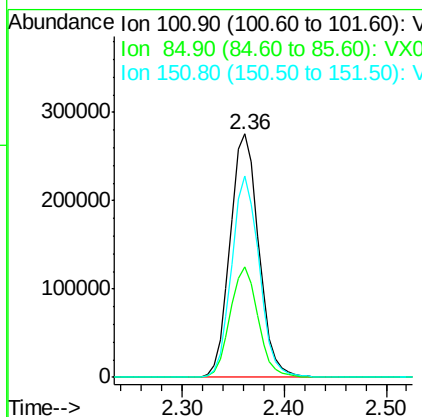
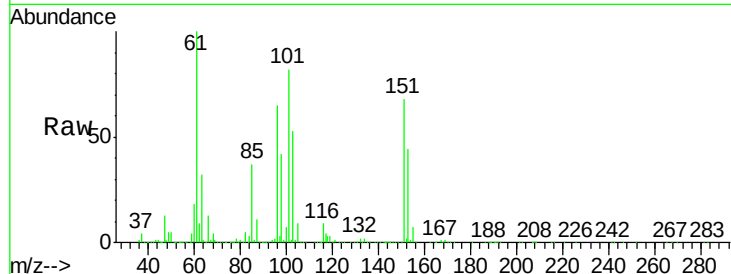
#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.773 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	533966		
85	44.1	34.0	51.0	
151	79.9	65.2	97.8	

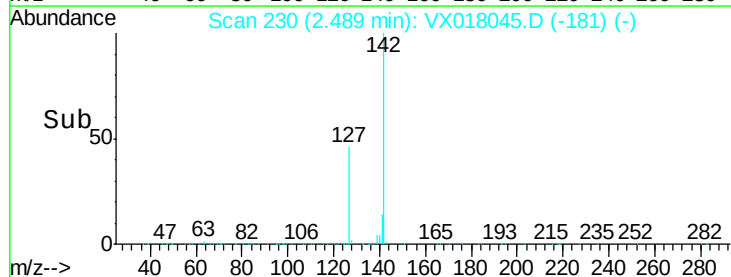
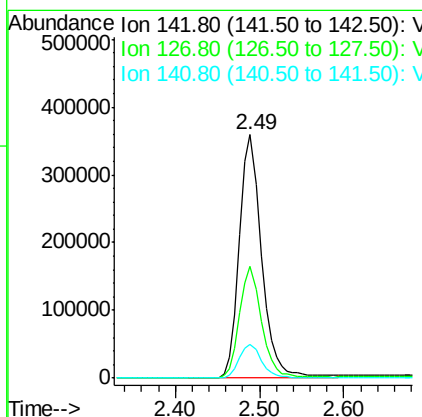
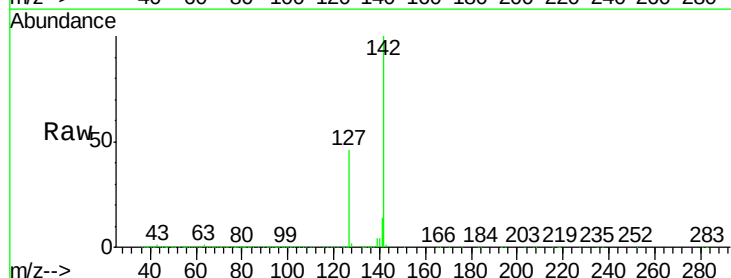
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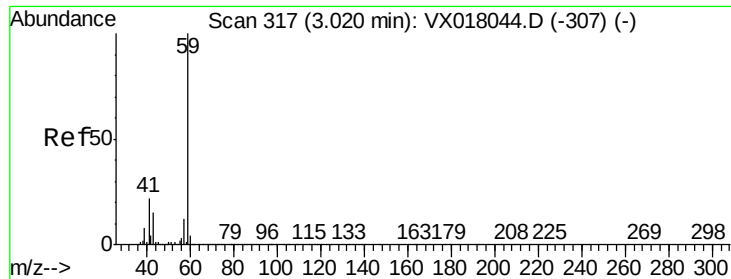
MMDadoda
8/21/2020 11:23:11 AM



#10
Methyl Iodide
Concen: 88.289 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	643118		
127	45.4	37.0	55.6	
141	14.1	11.5	17.3	





#11

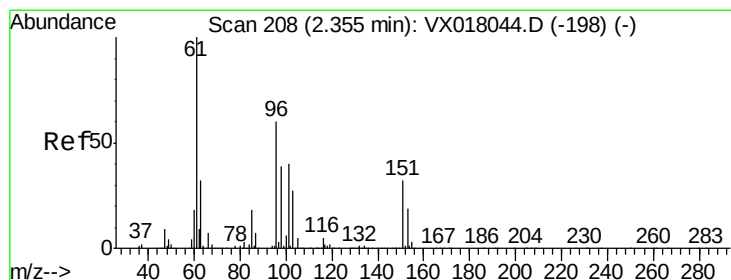
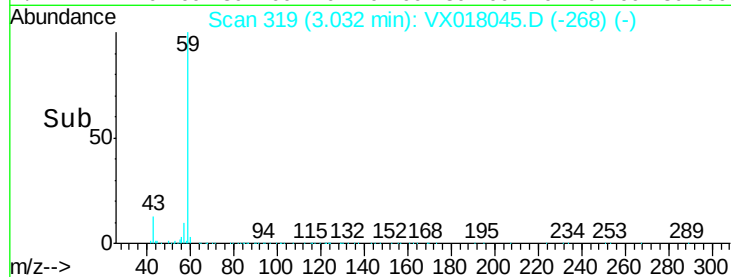
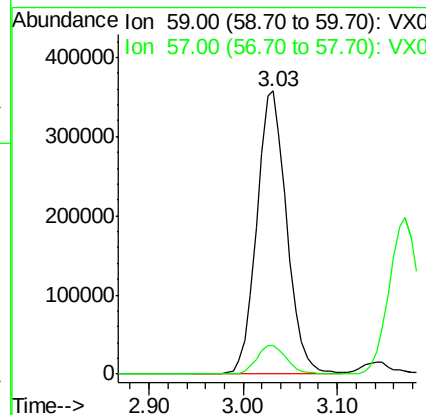
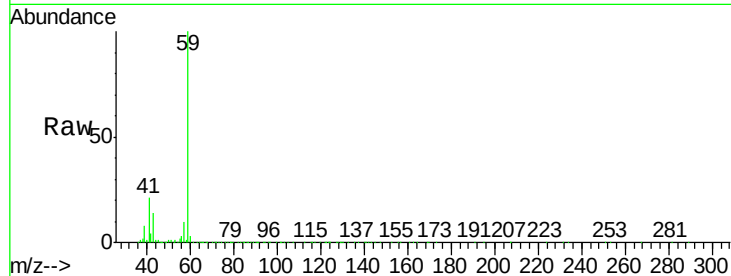
Tert butyl alcohol
Concen: 428.347 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	800284		
57	57	10.5		8.9	13.3

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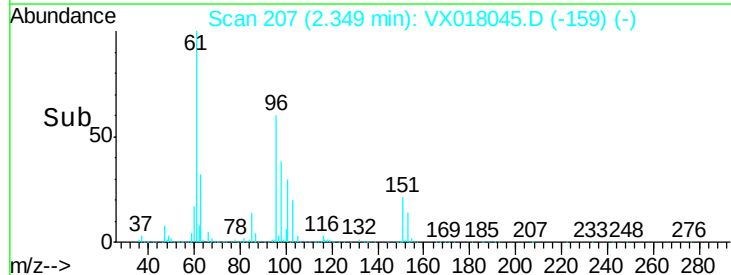
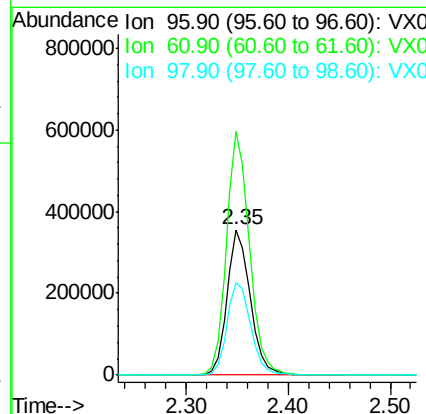
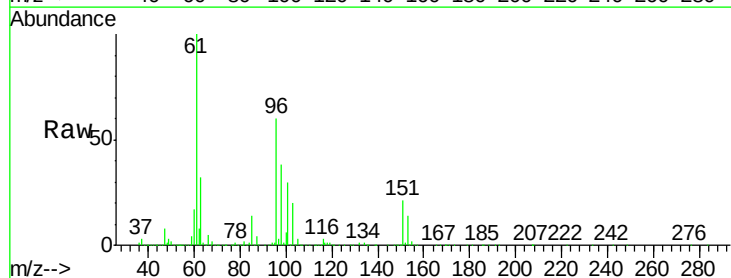
MMDadoda
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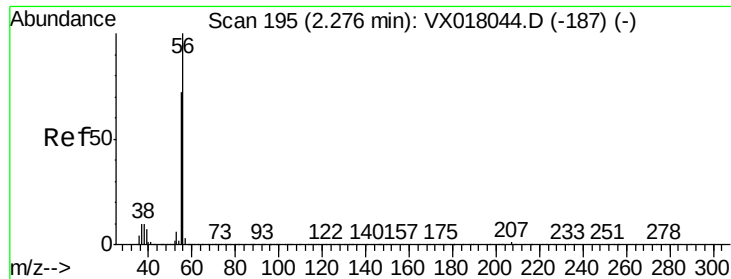


#12

1,1-Dichloroethene
Concen: 92.590 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	556881		
61	61	167.7		133.0	199.4
98	98	63.5		51.6	77.4





#13

Acrolein

Concen: 310.499 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 344157

Ion Ratio Lower Upper

56 100

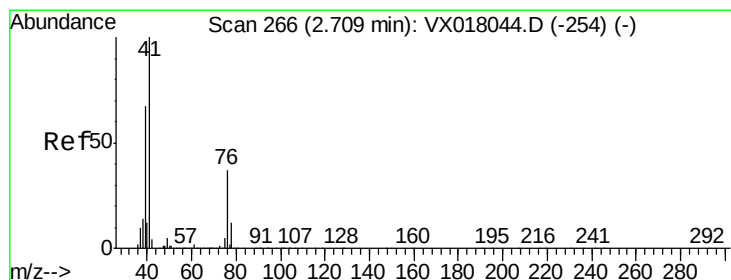
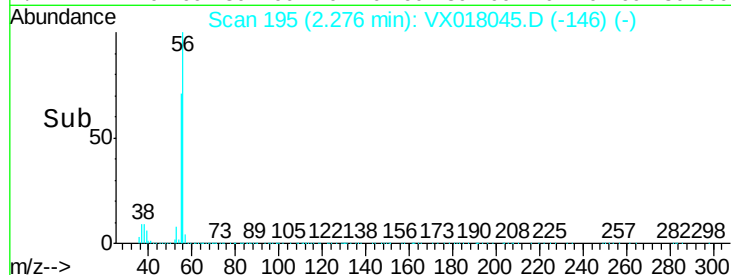
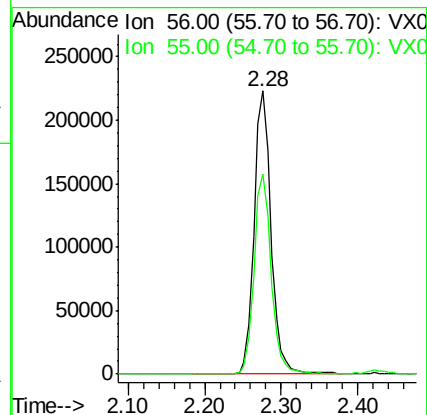
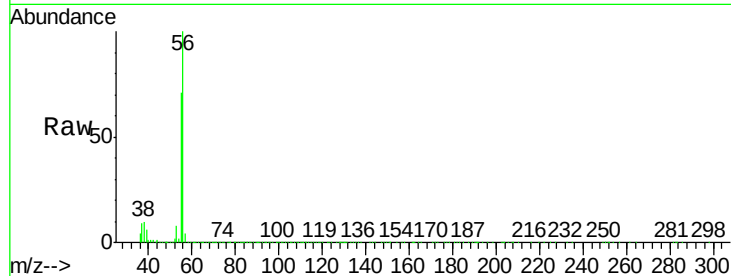
55 70.8 57.0 85.6

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#14

Allyl chloride

Concen: 95.878 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

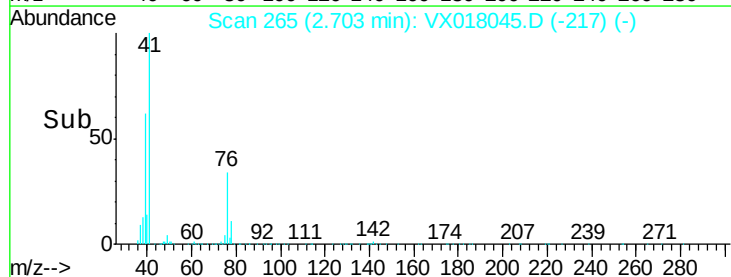
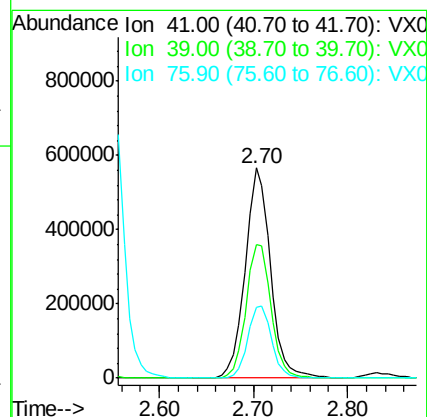
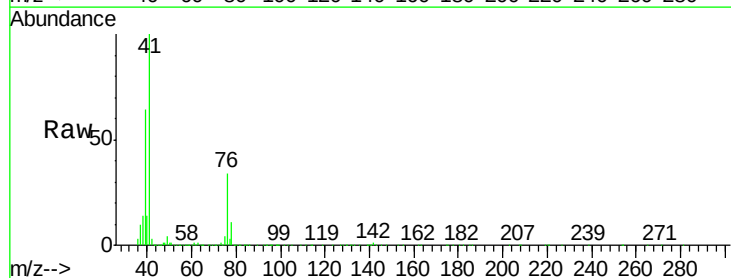
Tgt Ion: 41 Resp: 1059496

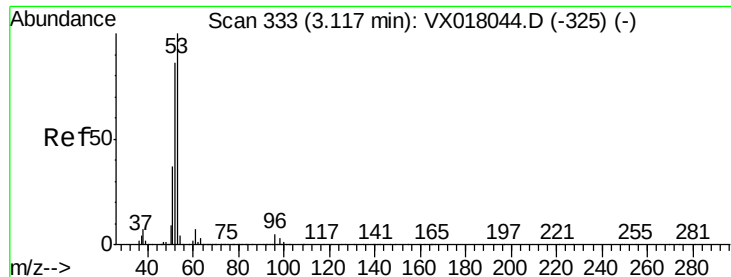
Ion Ratio Lower Upper

41 100

39 63.0 50.6 76.0

76 32.4 26.2 39.2





#15

Acrylonitrile

Concen: 464.269 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 53 Resp: 1840150

Ion Ratio Lower Upper

53 100

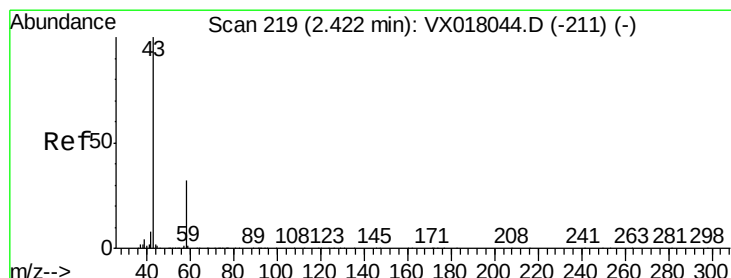
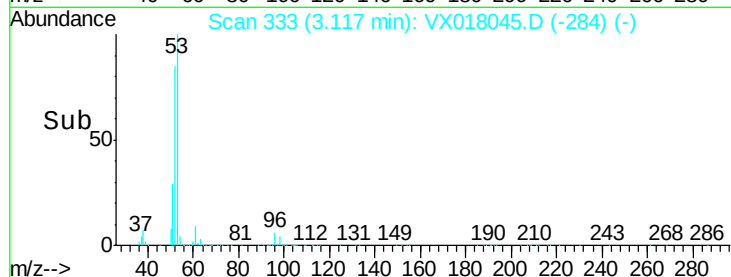
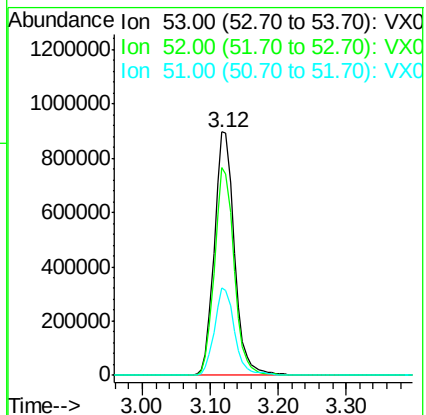
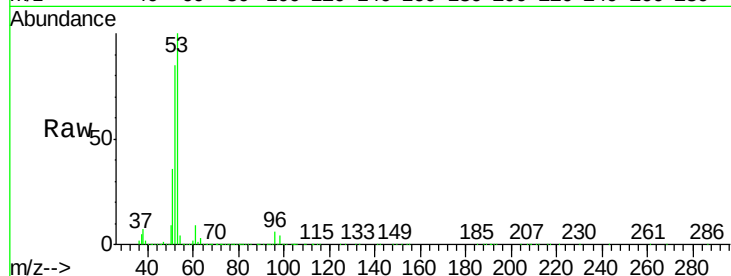
52 83.5 66.9 100.3

51 35.9 28.7 43.1

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#16

Acetone

Concen: 461.970 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018045.D

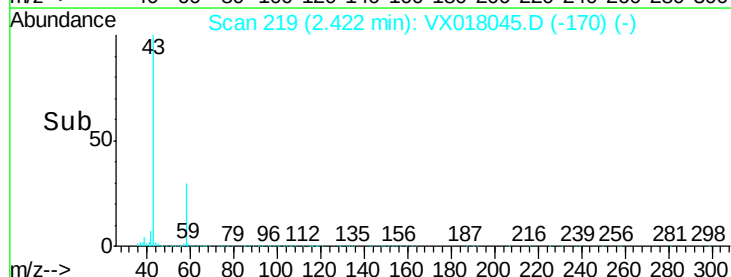
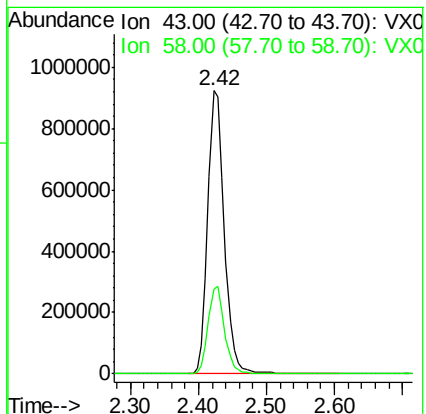
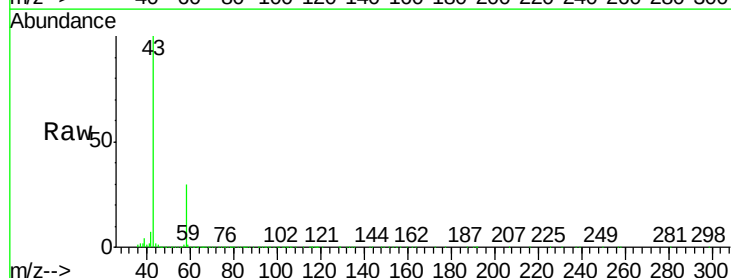
Acq: 20 Aug 2020 20:31

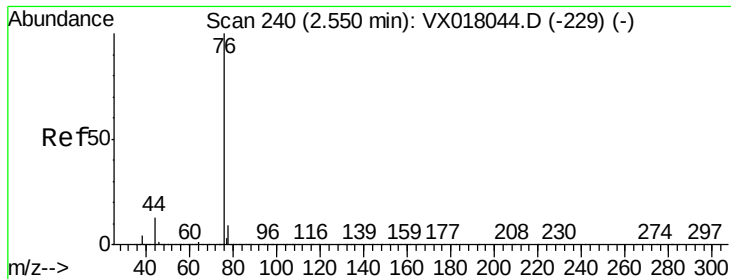
Tgt Ion: 43 Resp: 1556655

Ion Ratio Lower Upper

43 100

58 29.9 25.5 38.3





#17

Carbon Disulfide

Concen: 80.700 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 1644187

Ion Ratio Lower Upper

76 100

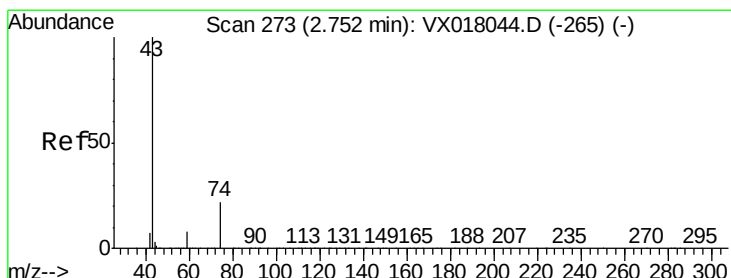
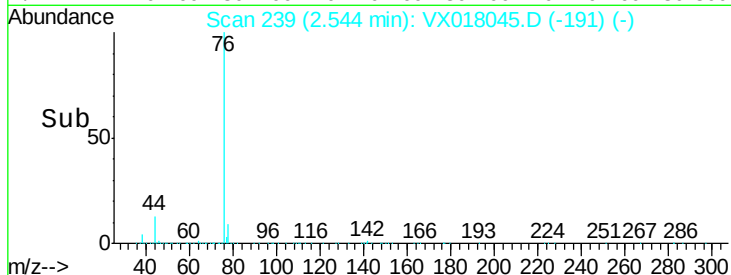
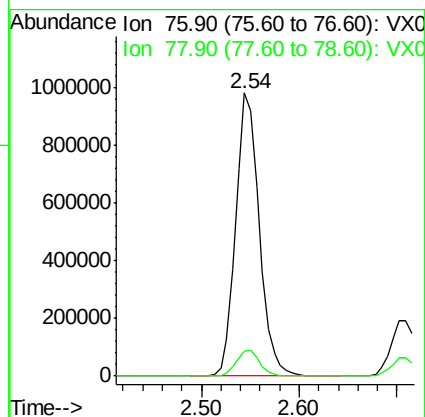
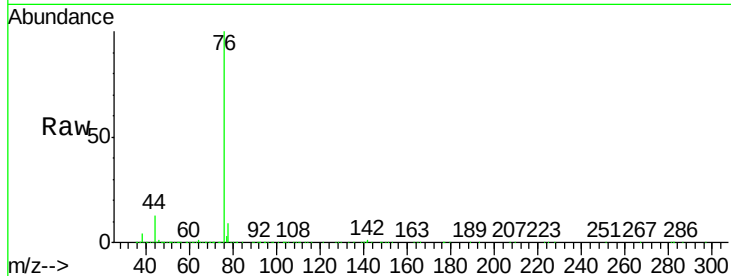
78 8.8 7.4 11.0

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#18

Methyl Acetate

Concen: 94.179 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018045.D

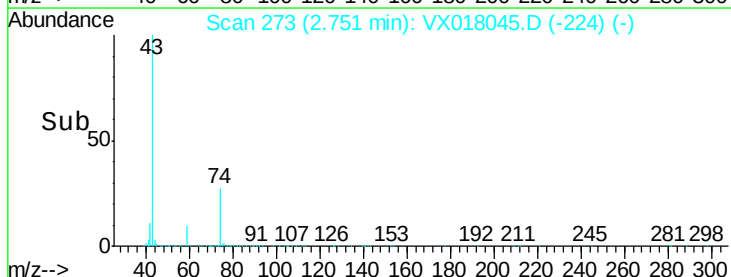
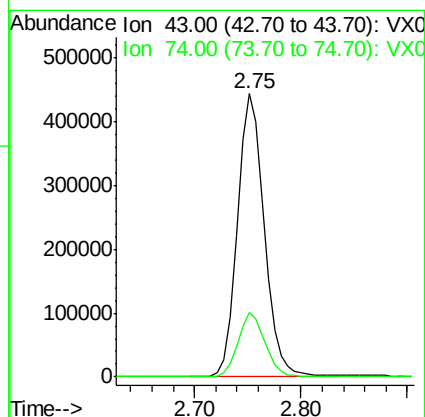
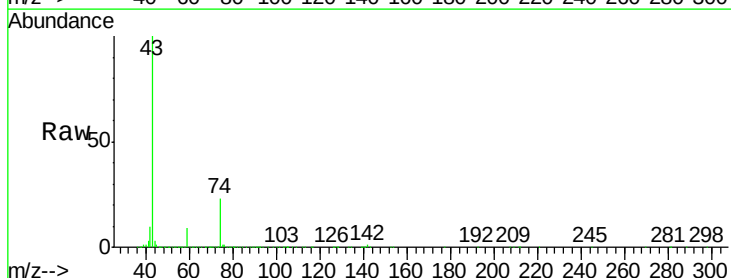
Acq: 20 Aug 2020 20:31

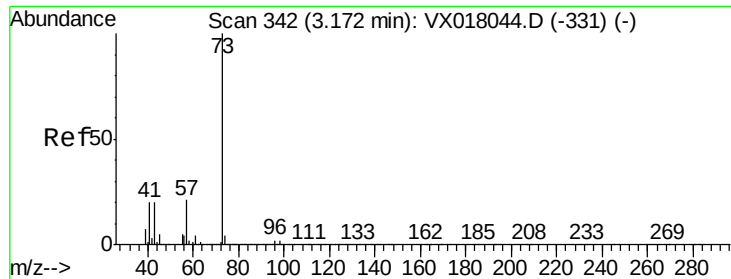
Tgt Ion: 43 Resp: 784085

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.4





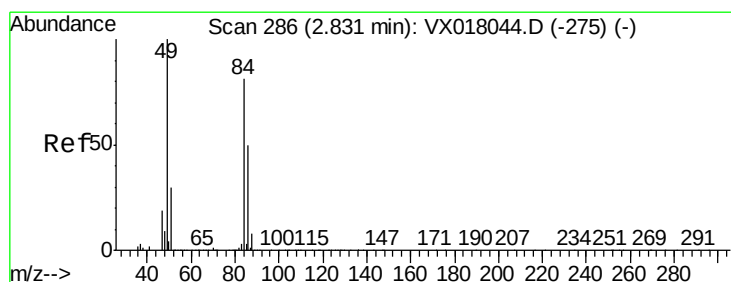
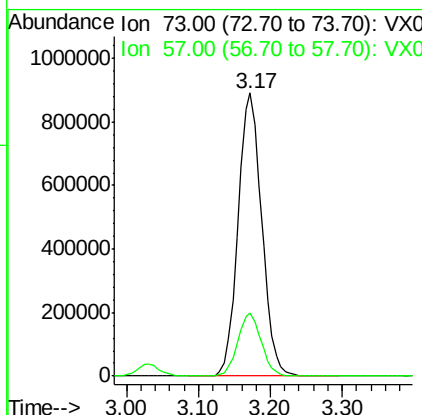
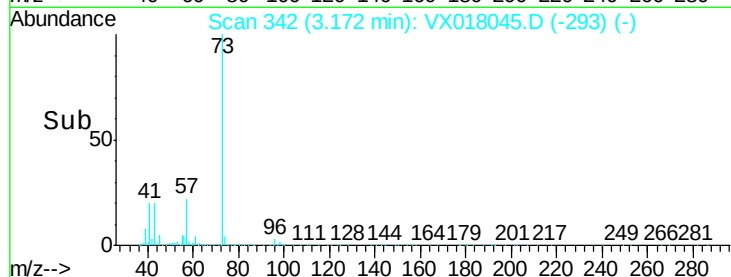
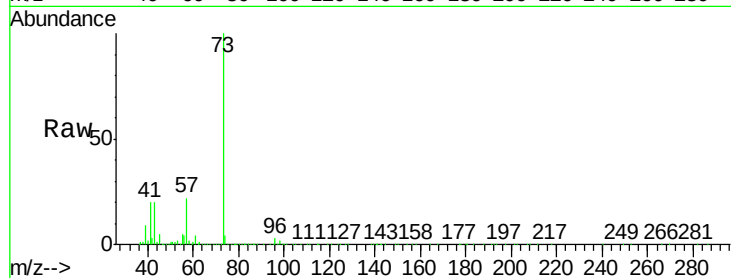
#19
Methyl tert-butyl Ether
Concen: 97.666 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 2026272
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2

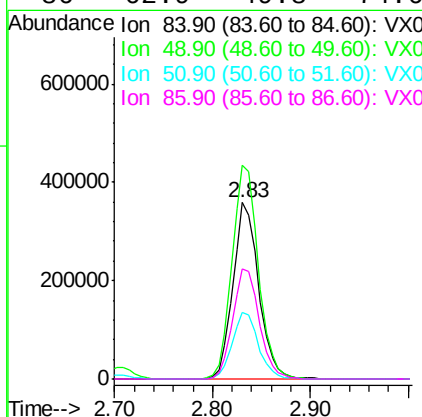
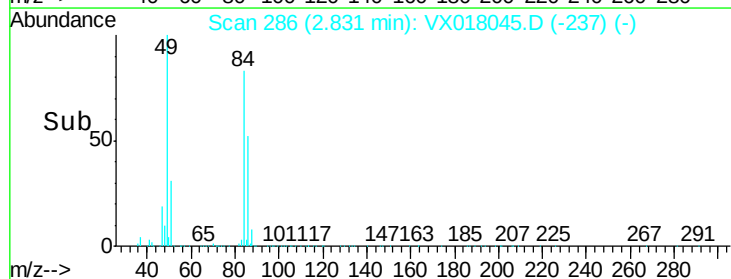
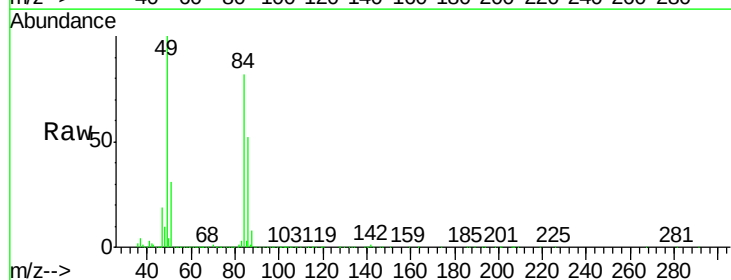
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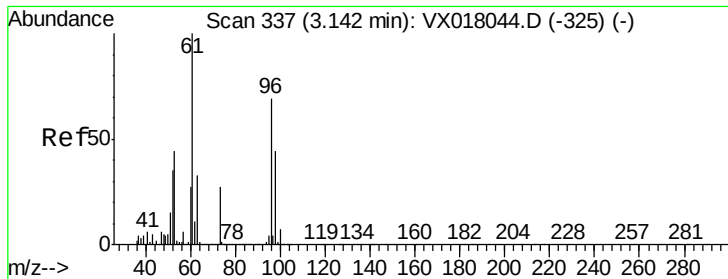
MMDadoda
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#20
Methylene Chloride
Concen: 92.656 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 84 Resp: 654307
Ion Ratio Lower Upper
84 100
49 121.1 98.6 148.0
51 37.8 29.6 44.4
86 62.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 92.816 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

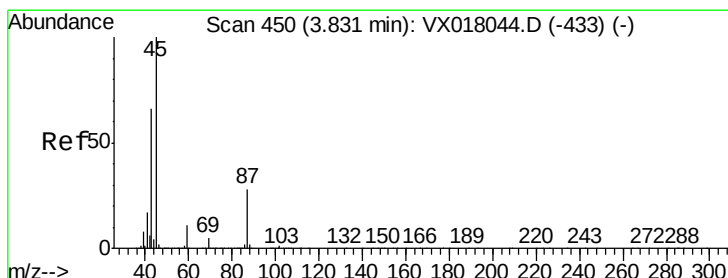
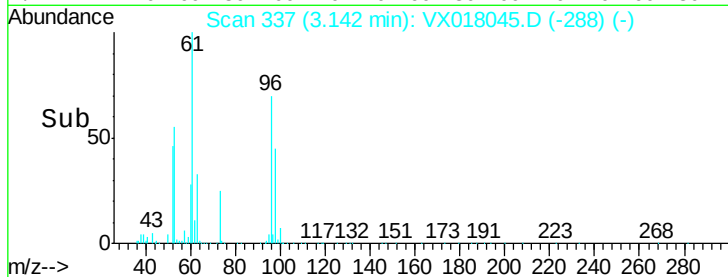
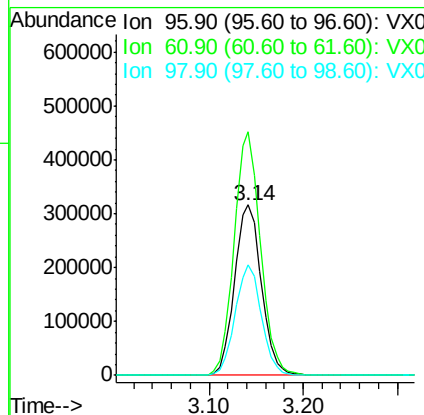
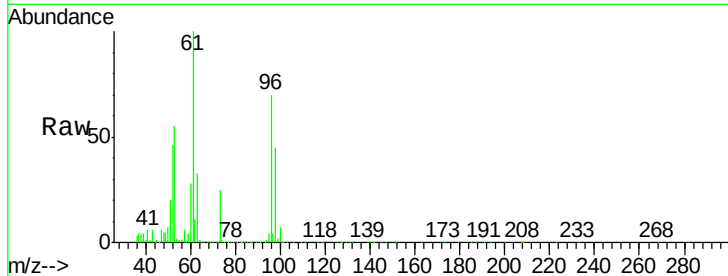
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	624179
Ion	Ratio	Lower	Upper
96	100		
61	142.9	115.4	173.0
98	65.0	51.1	76.7

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#22

Diisopropyl ether

Concen: 98.626 ug/l

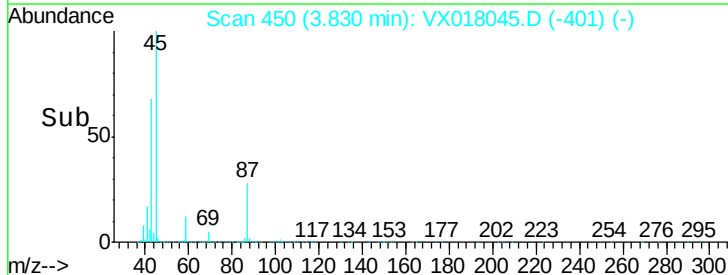
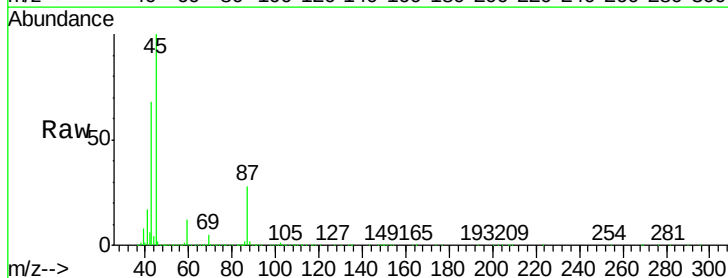
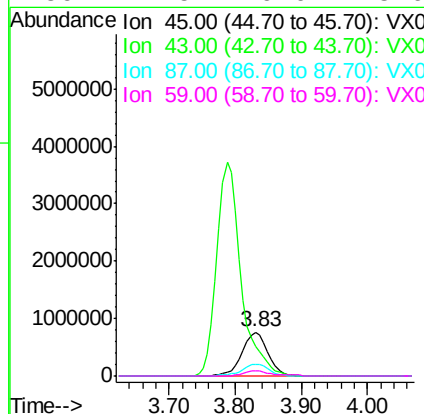
RT: 3.83 min Scan# 450

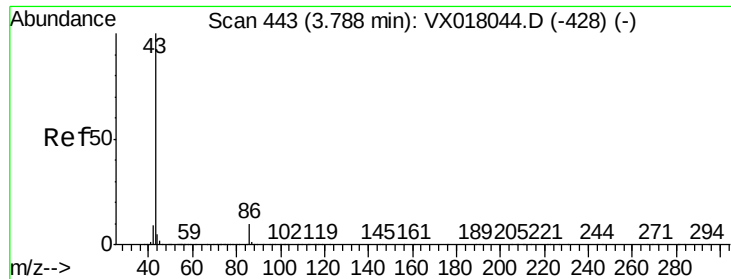
Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion:	45	Resp:	2069195
Ion	Ratio	Lower	Upper
45	100		
43	67.5	52.8	79.2
87	27.8	22.5	33.7
59	11.5	9.0	13.6





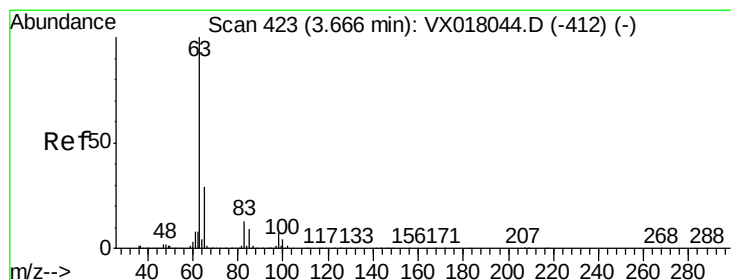
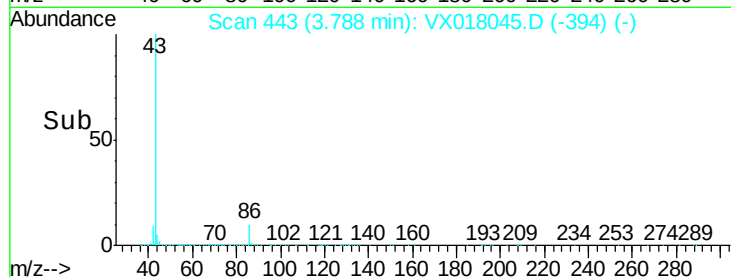
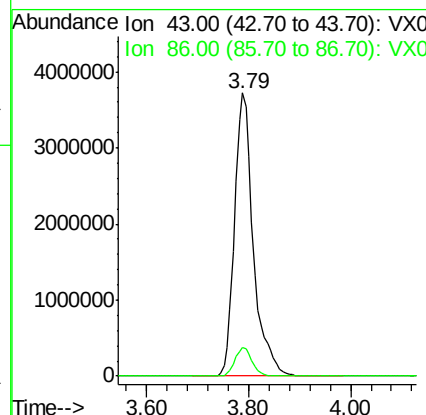
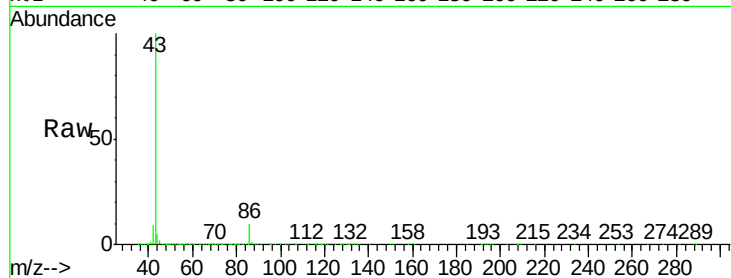
#23
 Vinyl Acetate
 Concen: 514.548 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 9511163
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

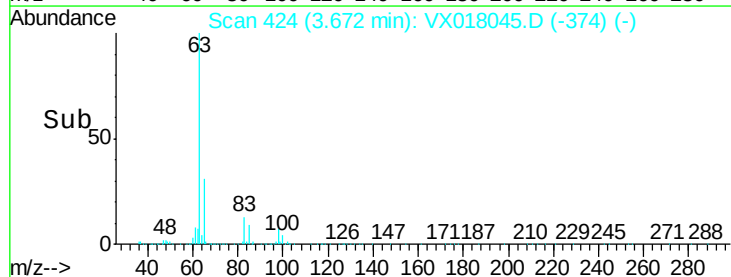
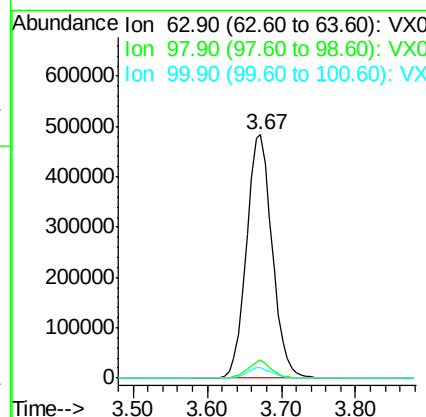
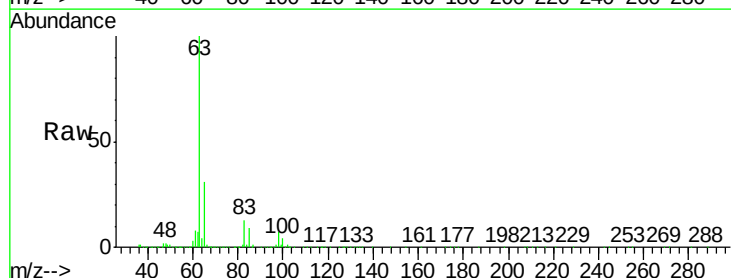
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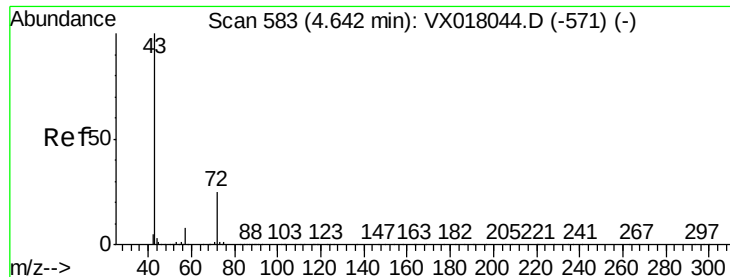
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 99.624 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion: 63 Resp: 1171066
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 489.174 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 2669440

Ion Ratio Lower Upper

43 100

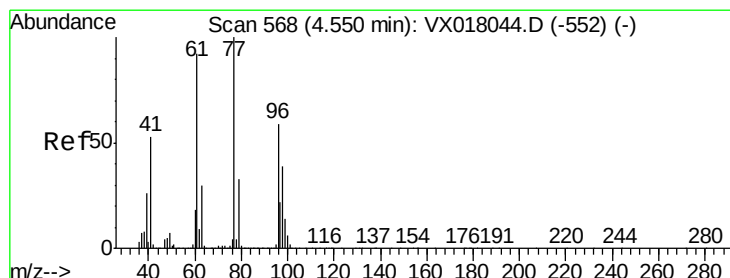
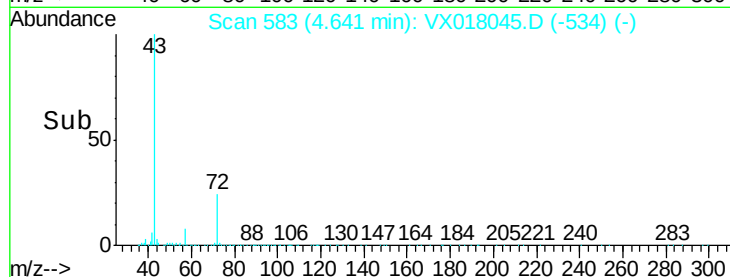
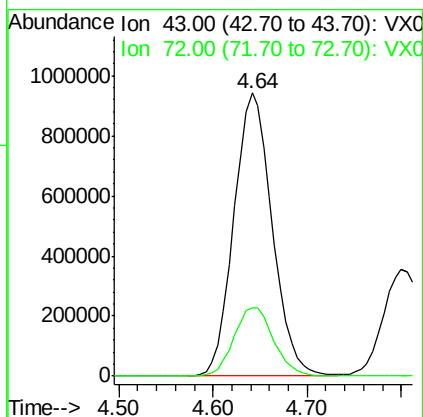
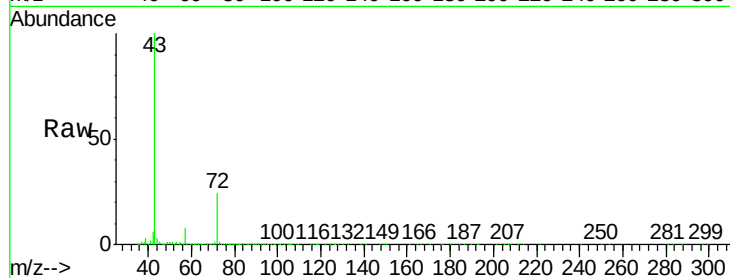
72 24.1 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 87.335 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018045.D

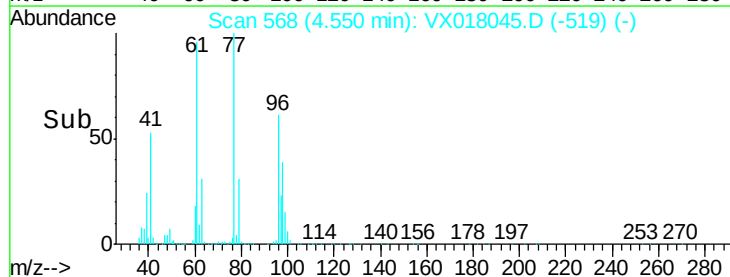
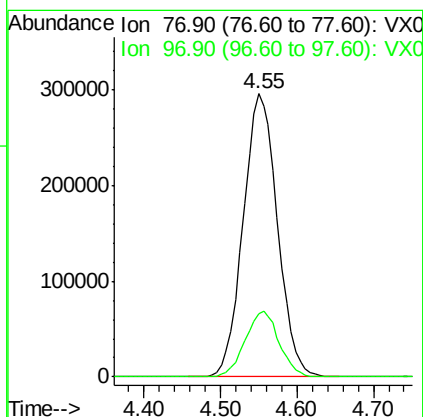
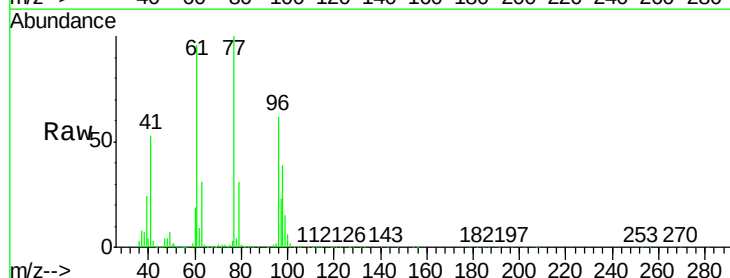
Acq: 20 Aug 2020 20:31

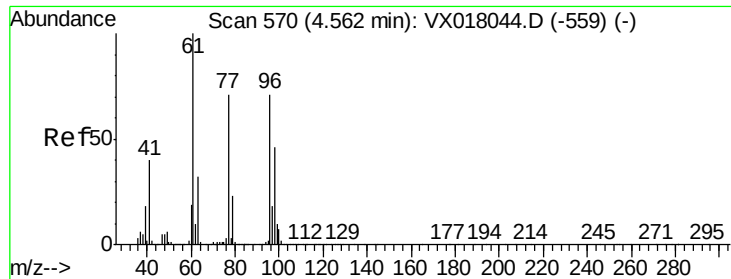
Tgt Ion: 77 Resp: 920196

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5





#27

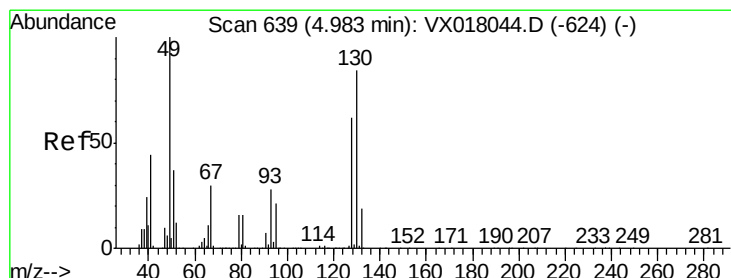
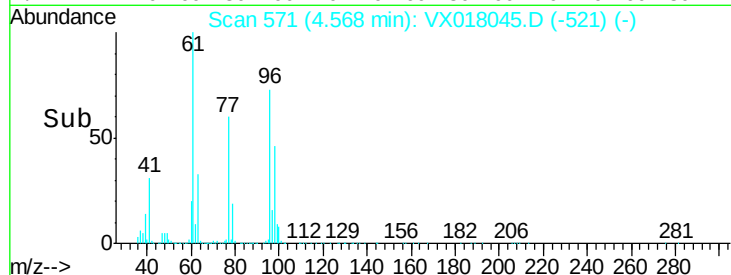
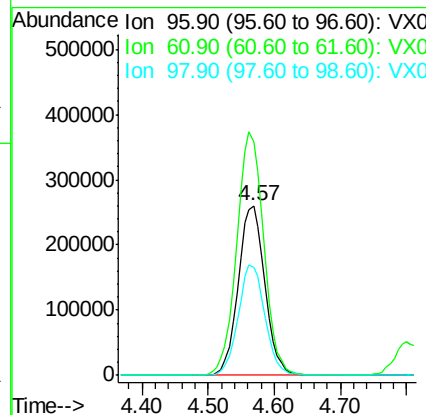
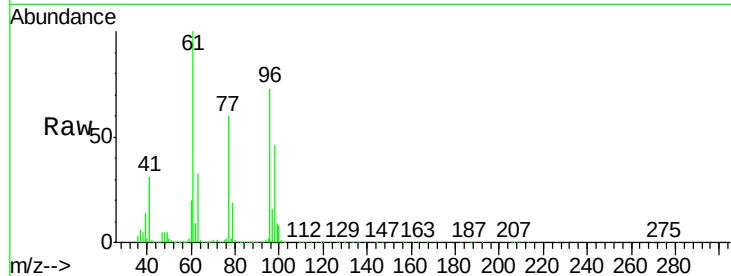
cis-1,2-Dichloroethene
Concen: 98.327 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	724029		
61	146.1	0.0	296.6	
98	65.7	0.0	130.2	

Manual Integrations
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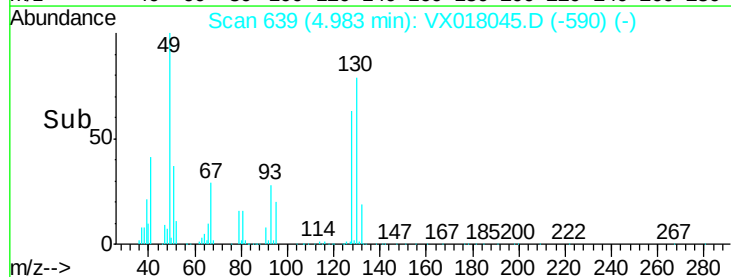
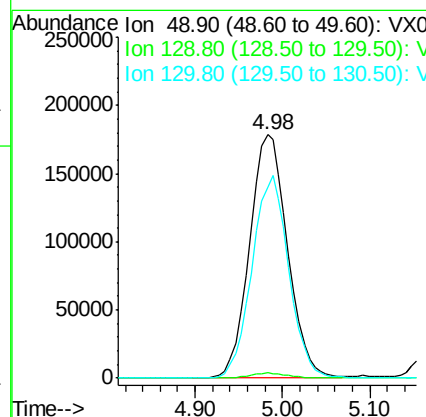
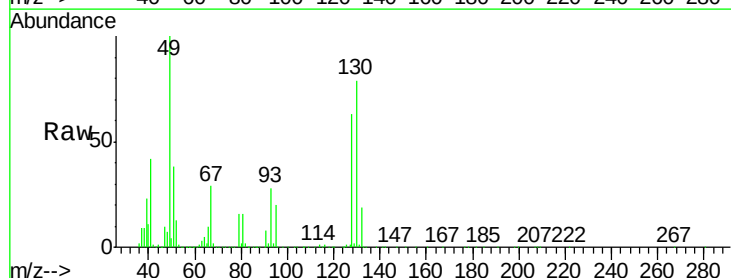
MMDadoda
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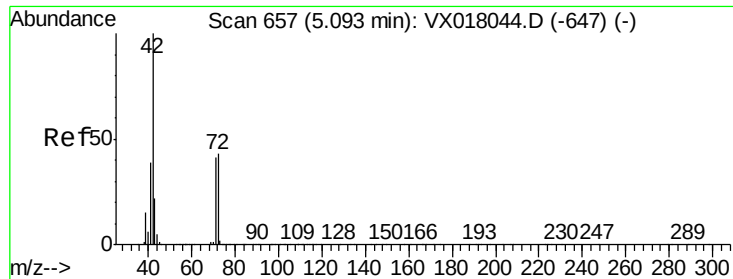


#28

Bromochloromethane
Concen: 99.714 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	538986		
129	2.1	0.0	4.6	
130	80.6	64.6	96.8	





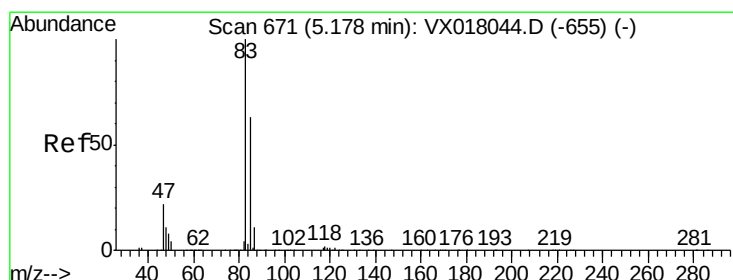
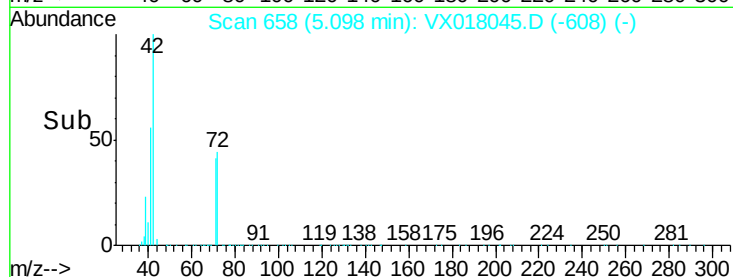
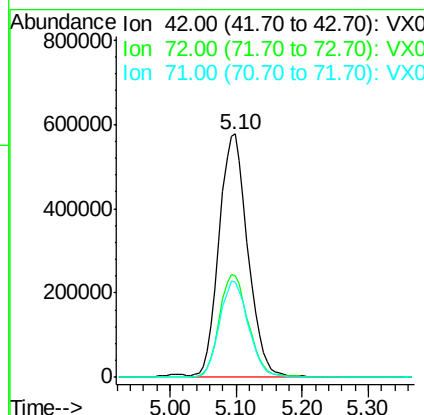
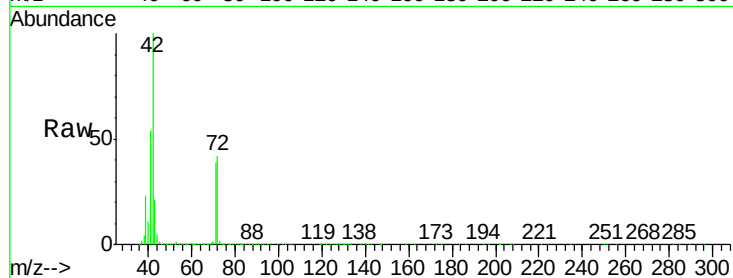
#29
Tetrahydrofuran
Concen: 481.128 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 1737834
Ion Ratio Lower Upper
42 100
72 43.0 34.2 51.4
71 39.8 32.1 48.1

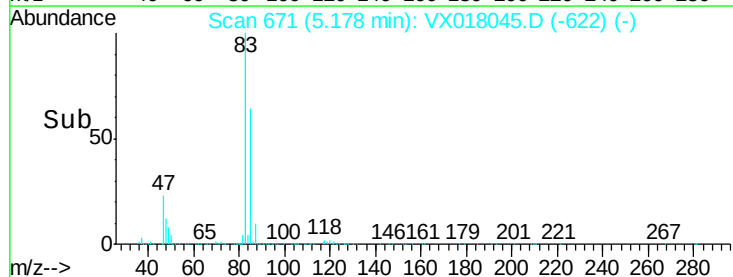
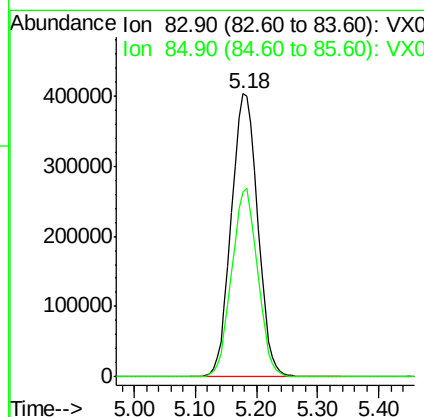
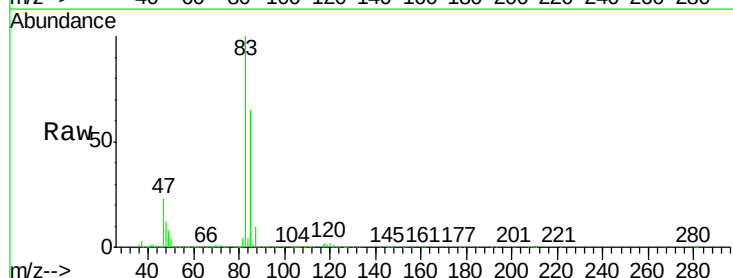
Manual Integrations
APPROVED

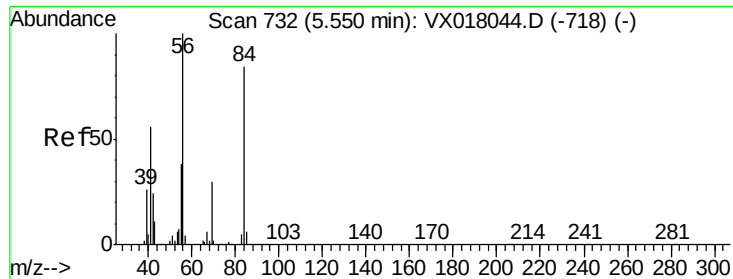
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#30
Chloroform
Concen: 101.967 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 83 Resp: 1198079
Ion Ratio Lower Upper
83 100
85 65.4 50.7 76.1





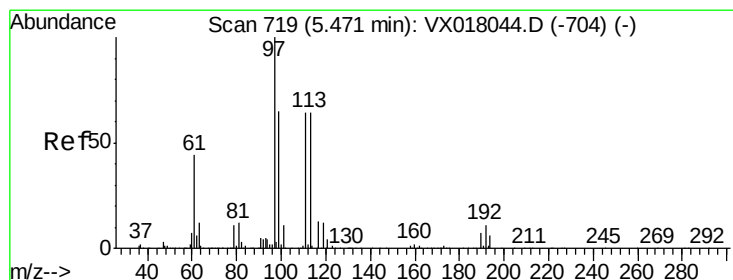
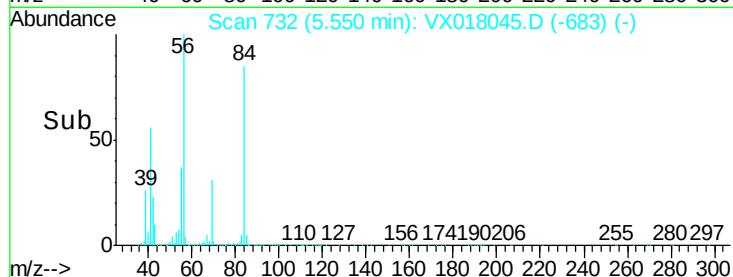
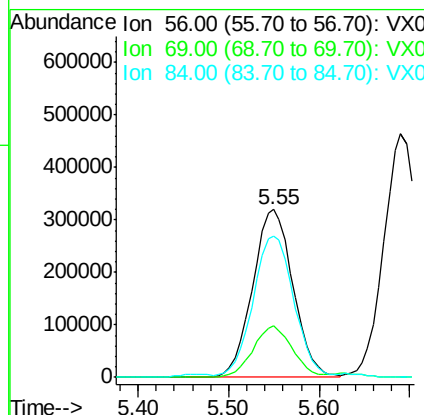
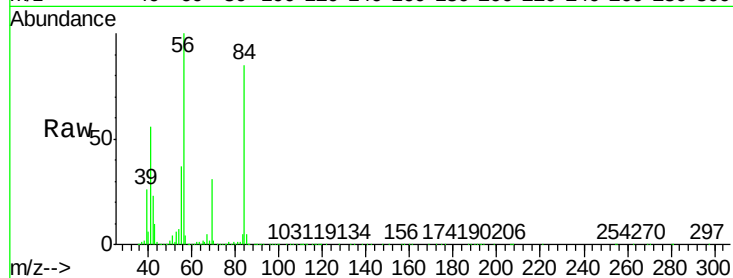
#31
Cyclohexane
Concen: 94.125 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.9	35.9
84	83.0	67.0	100.4

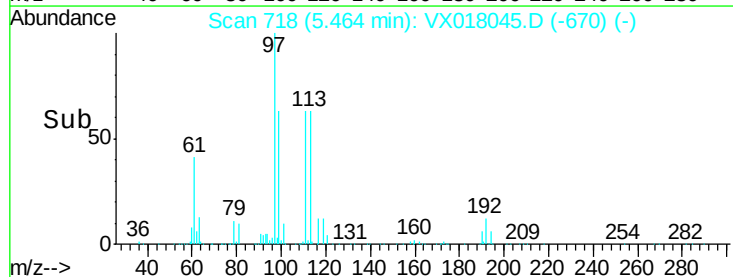
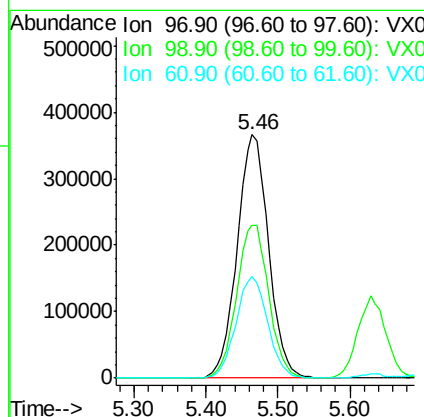
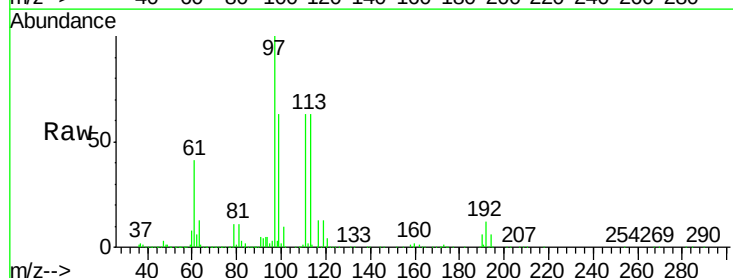
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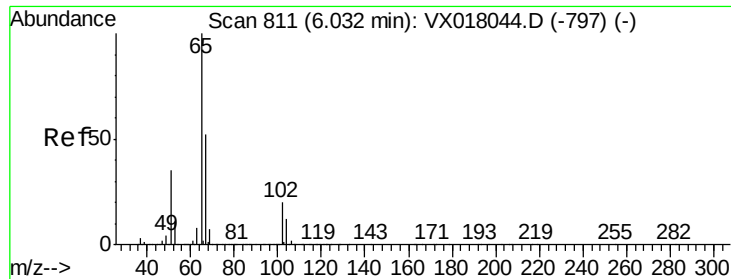
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#32
1,1,1-Trichloroethane
Concen: 103.448 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	42.2	34.2	51.4





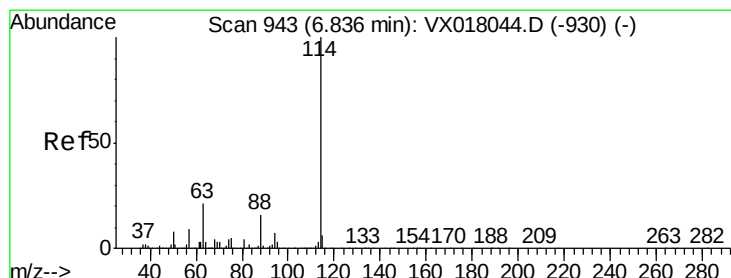
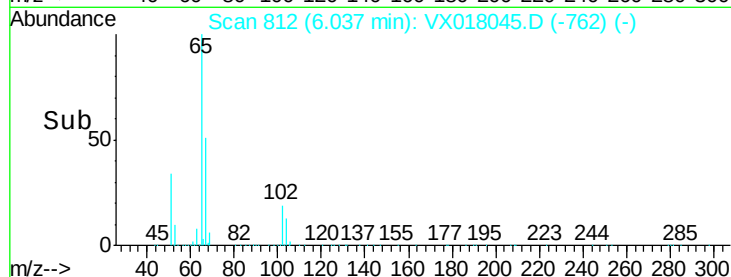
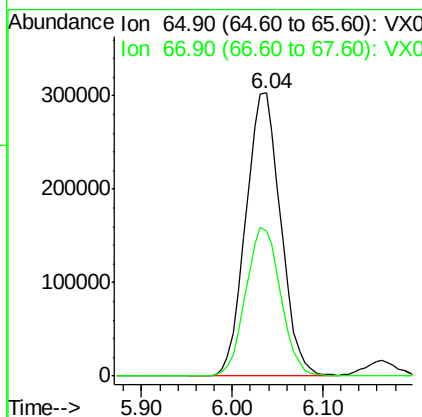
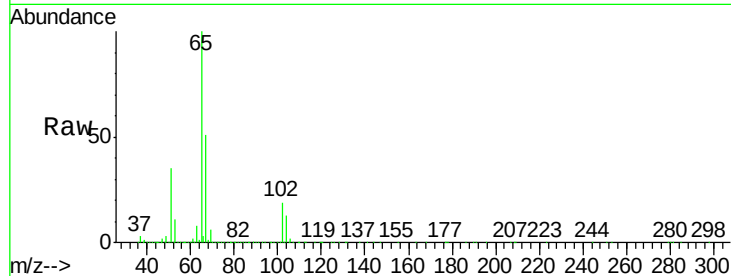
#33
 1,2-Dichloroethane-d4
 Concen: 103.520 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	809137		
67	52.5	0.0	105.8	

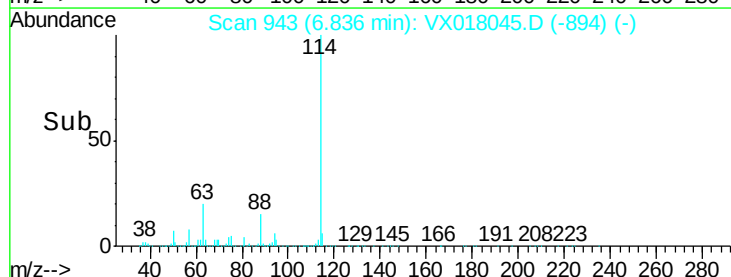
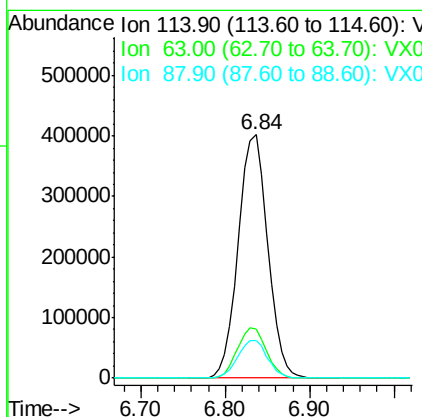
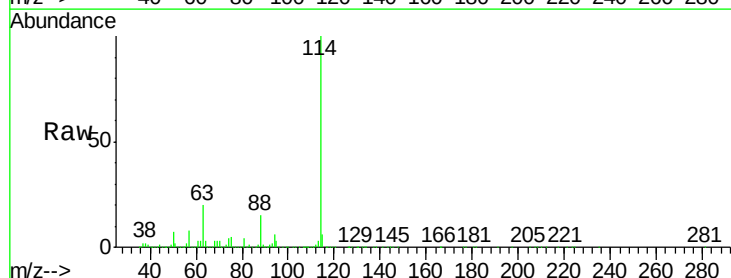
Manual Integrations
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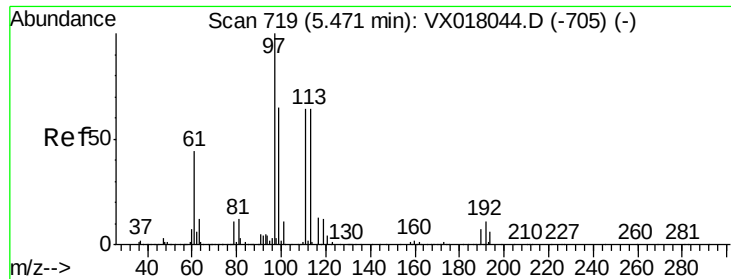
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	951148		
63	20.3	0.0	42.6	
88	15.3	0.0	31.8	





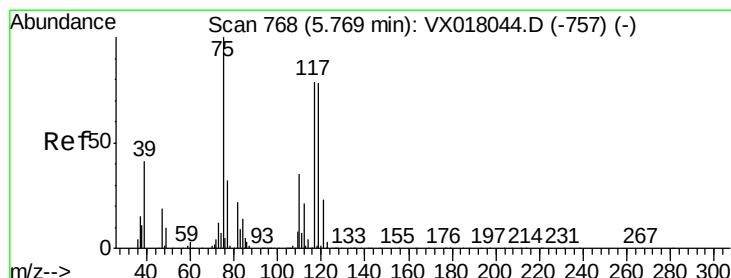
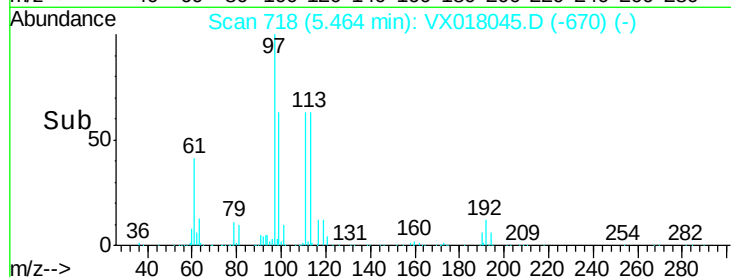
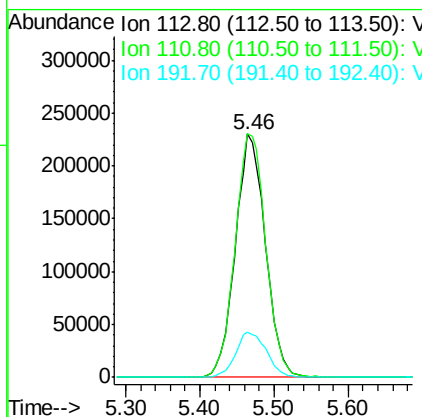
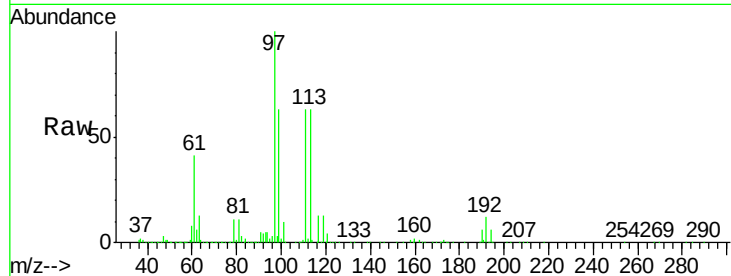
#35
 Dibromofluoromethane
 Concen: 105.781 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	651303		
111	102.4		81.6	122.4
192	19.2		15.8	23.8

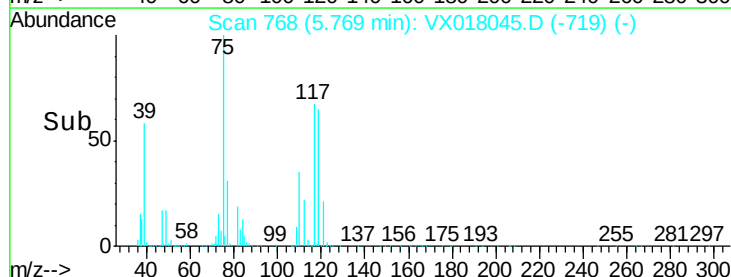
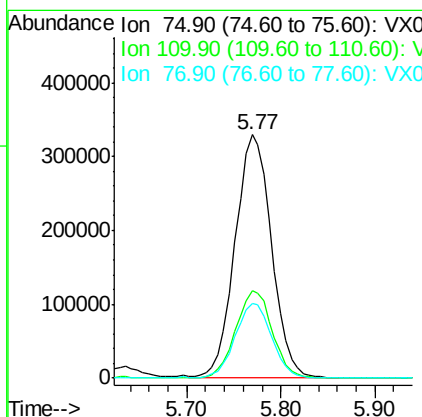
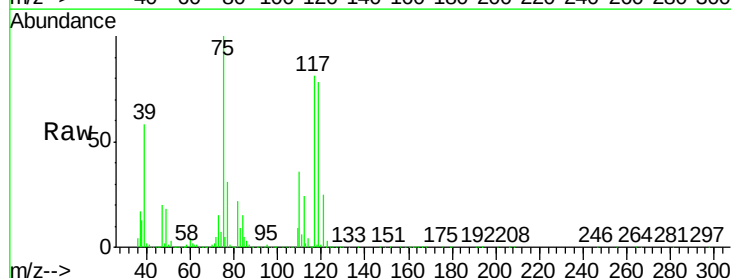
Manual Integrations
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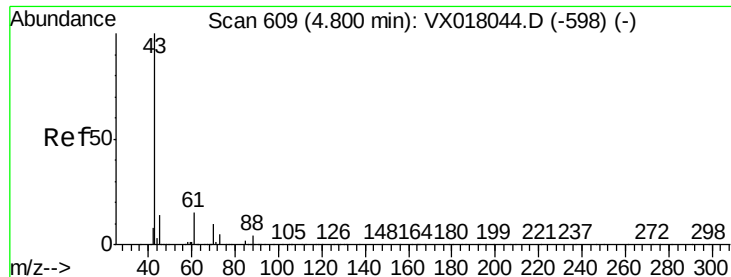
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#36
 1,1-Dichloropropene
 Concen: 95.324 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	889663		
110	36.1		18.0	54.0
77	30.6		24.4	36.6





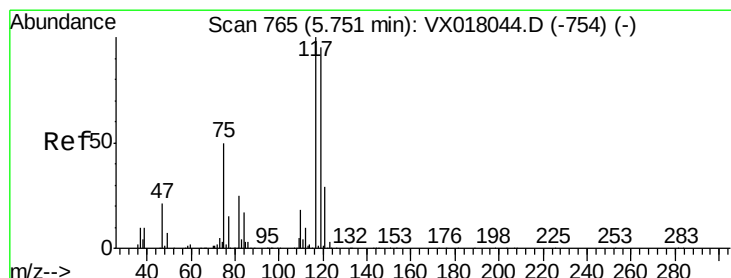
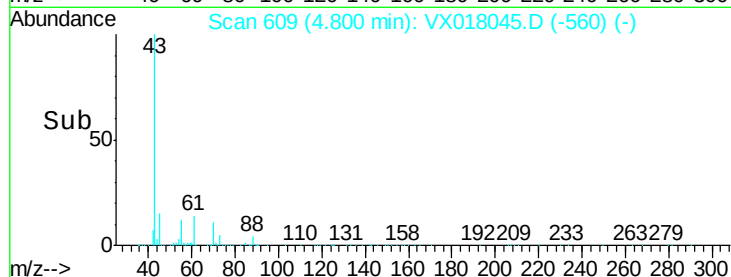
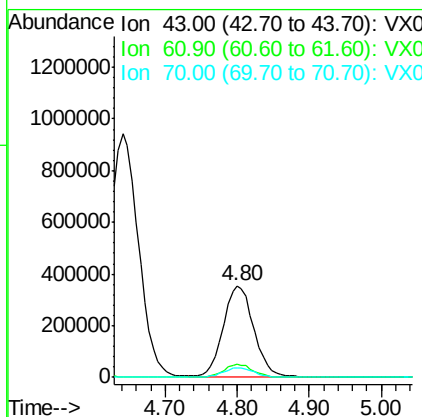
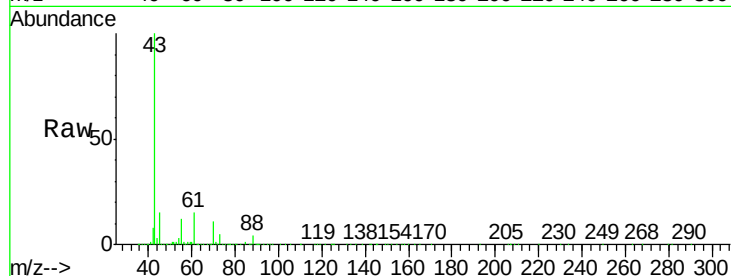
#37
Ethyl Acetate
Concen: 97.840 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.5	8.2	12.4

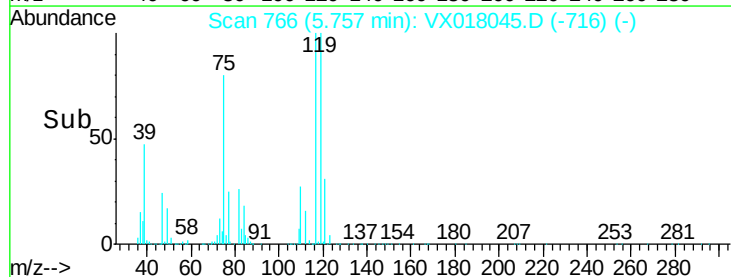
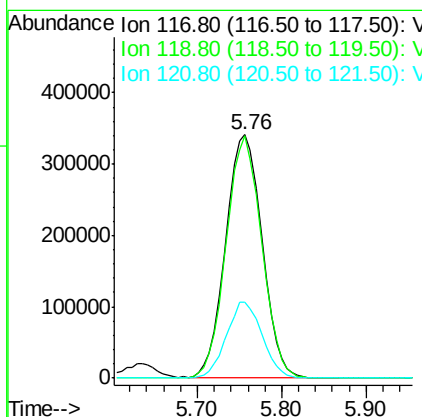
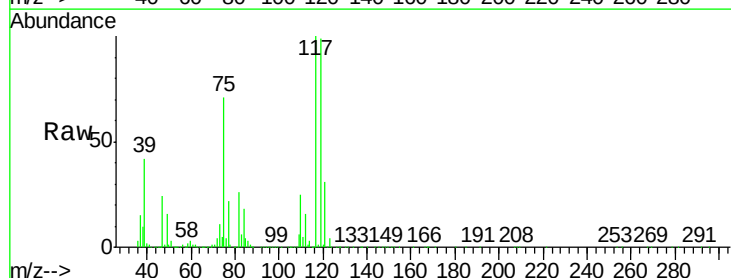
Manual Integrations
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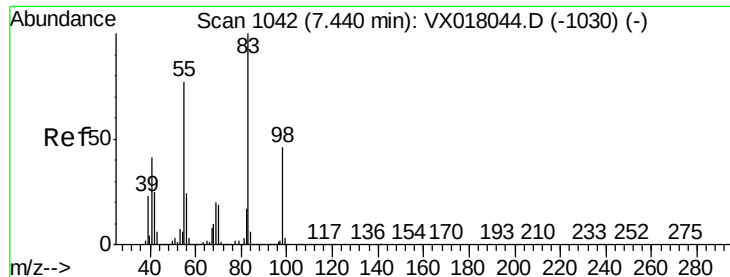
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#38
Carbon Tetrachloride
Concen: 104.663 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.8	113.6
121	30.9	23.4	35.0





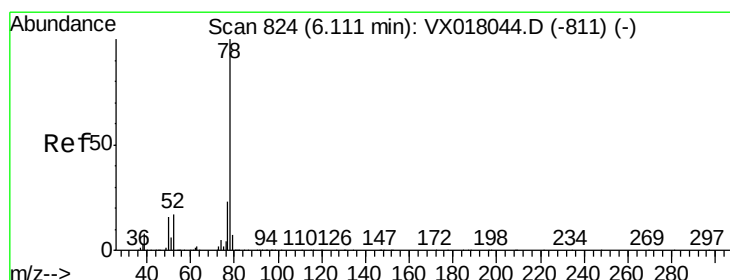
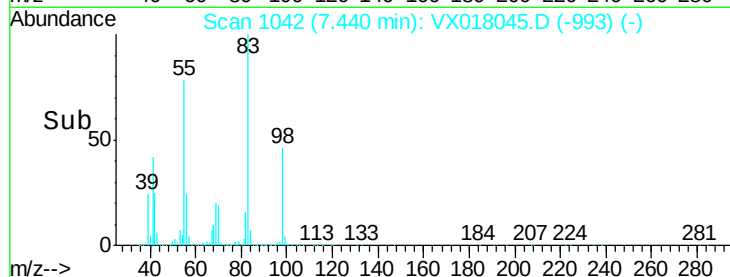
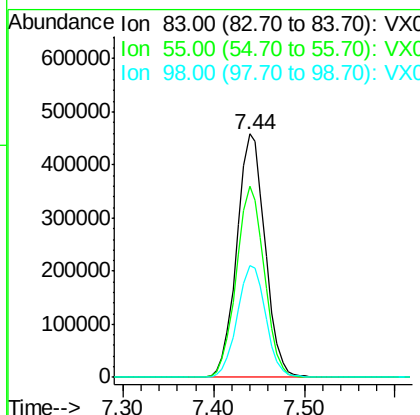
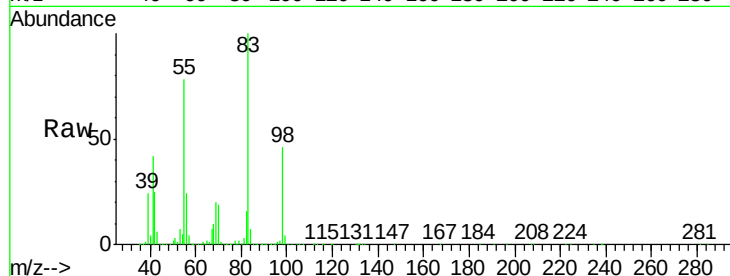
#39
Methylvlcyclohexane
Concen: 89.581 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.8	92.6
98	45.7	36.6	55.0

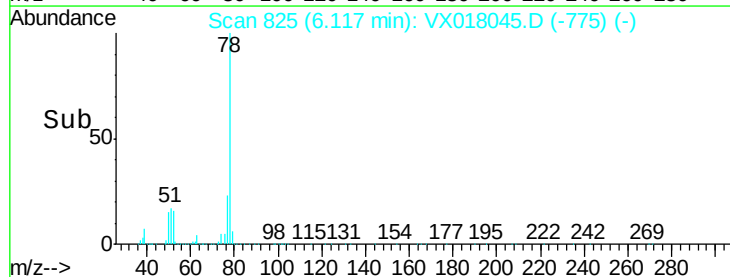
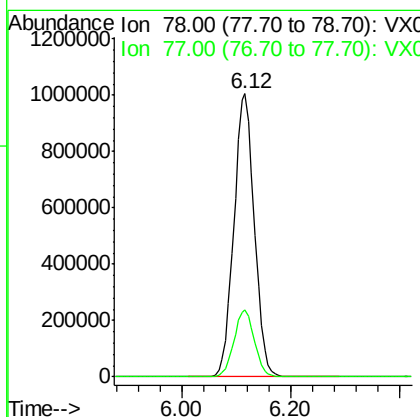
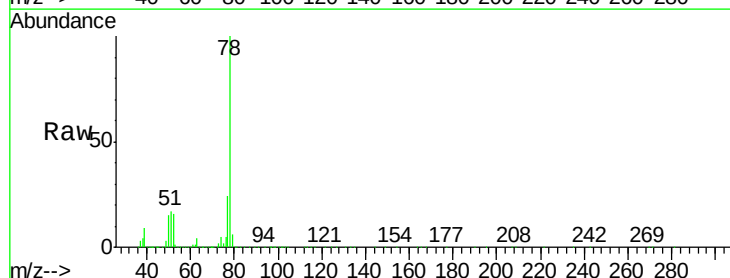
Manual Integrations
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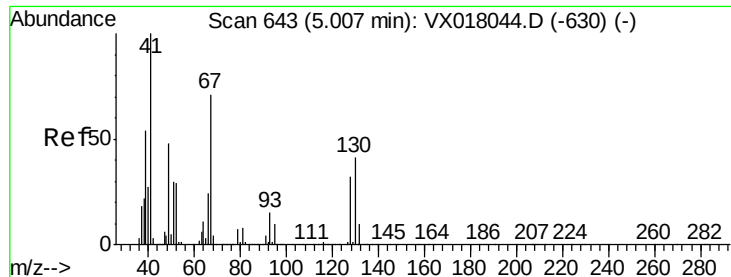
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#40
Benzene
Concen: 97.199 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2





#41

Methacrylonitrile

Concen: 98.297 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

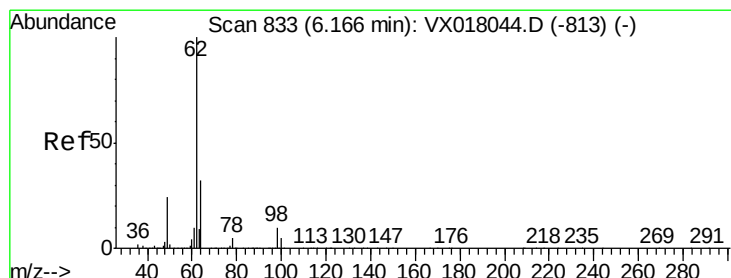
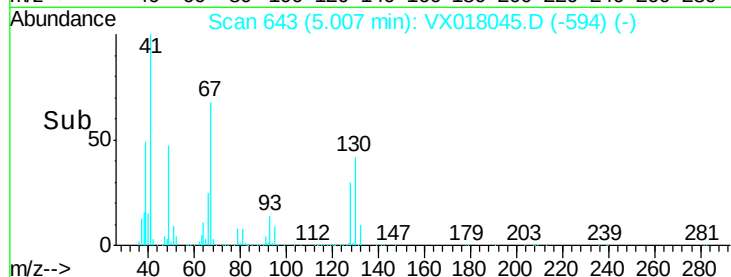
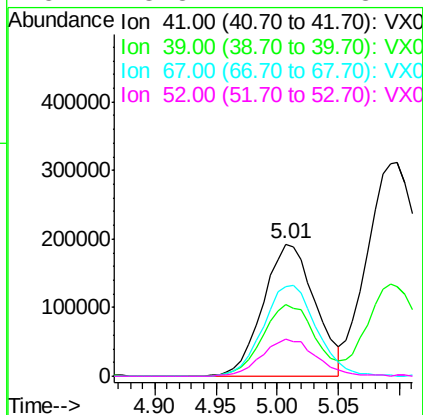
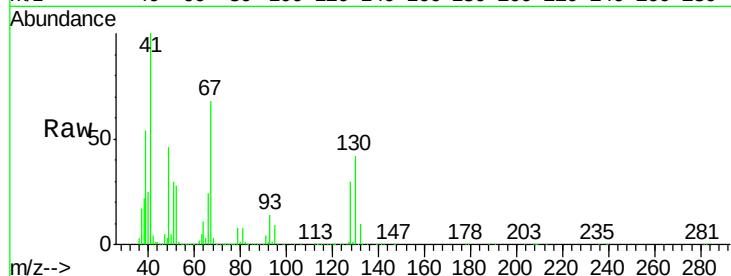
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	43.1	64.7	
67	70.4	56.0	84.0	
52	28.8	22.7	34.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 101.648 ug/l

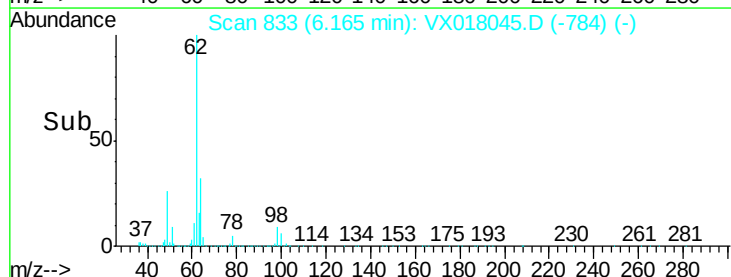
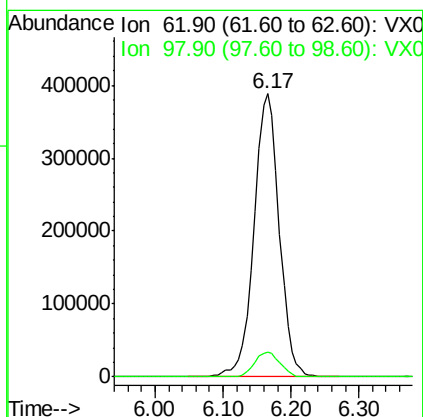
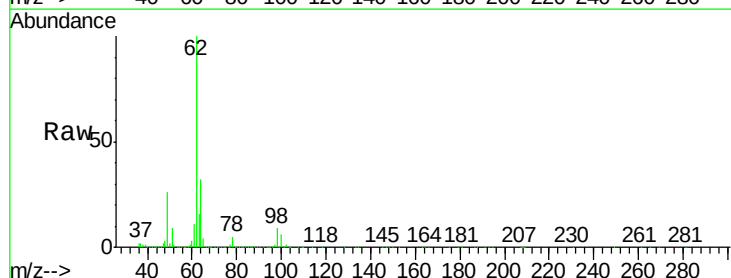
RT: 6.17 min Scan# 833

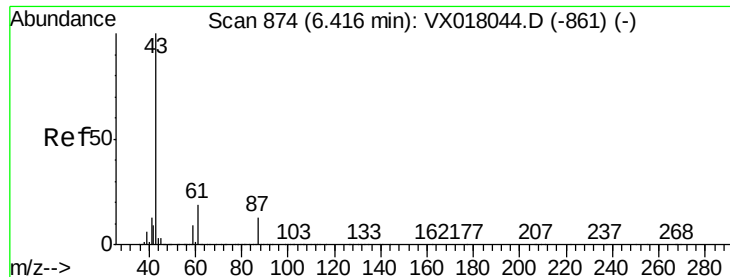
Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.2	





#43

Isopropyl Acetate

Concen: 100.766 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1734263

Ion Ratio Lower Upper

43 100

61 19.9 15.7 23.5

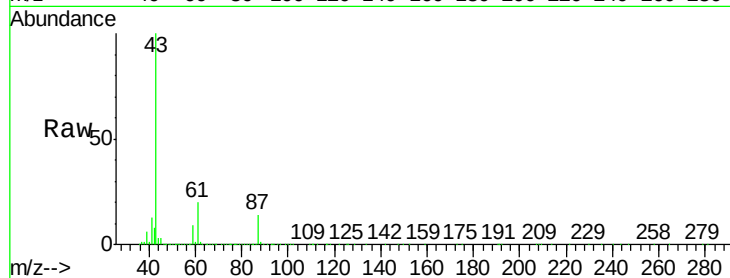
87 13.0 10.3 15.5

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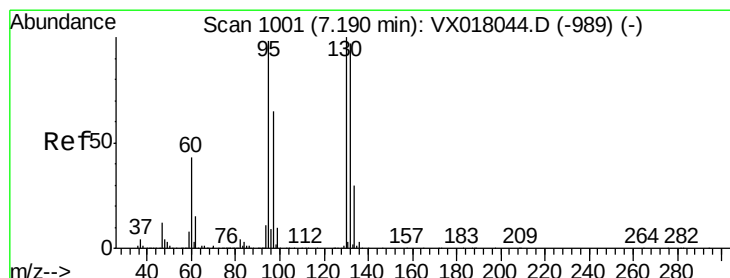
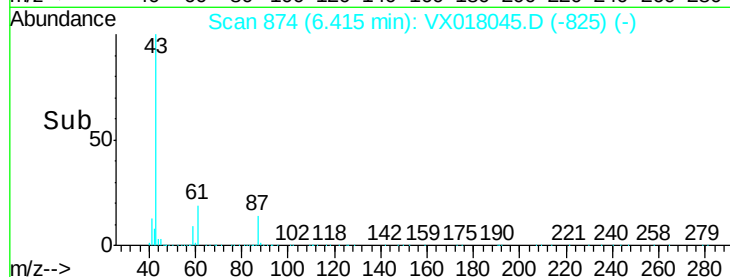
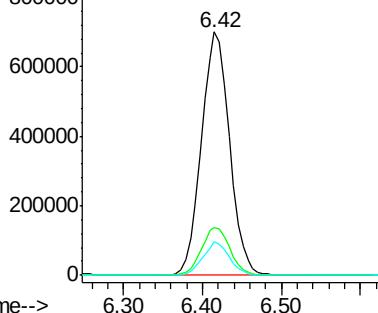
8/21/2020 11:23:11 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 78.881 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018045.D

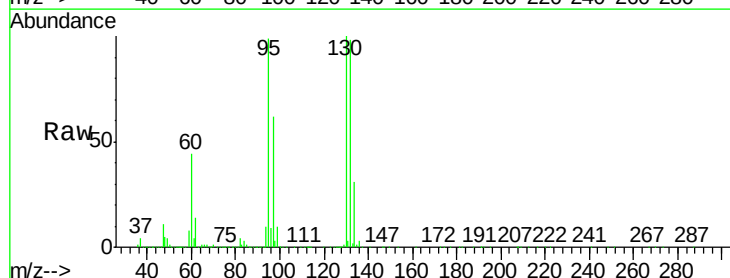
Acq: 20 Aug 2020 20:31

Tgt Ion:130 Resp: 741301

Ion Ratio Lower Upper

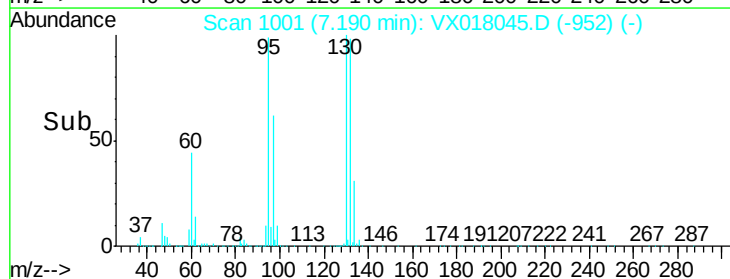
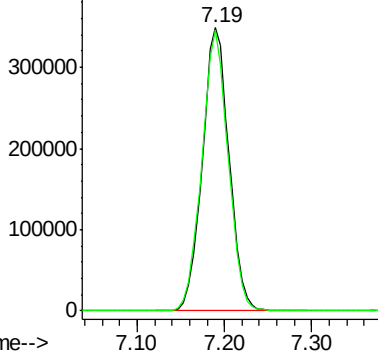
130 100

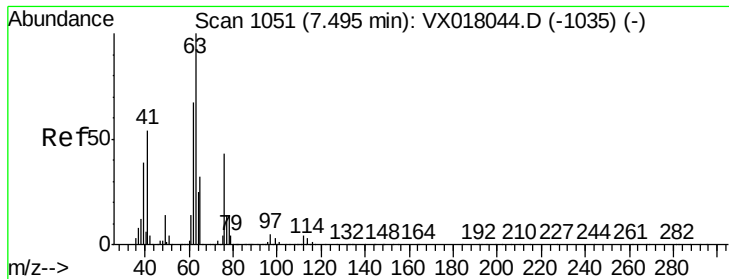
95 99.1 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 102.470 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 712077

Ion Ratio Lower Upper

63 100

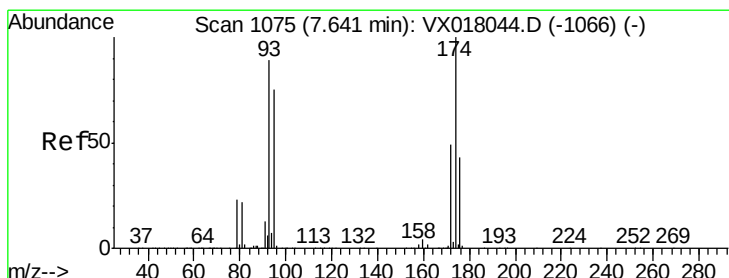
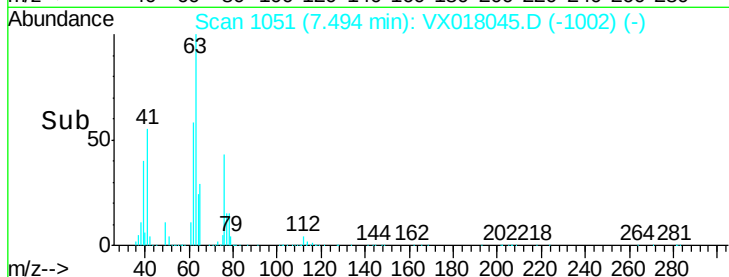
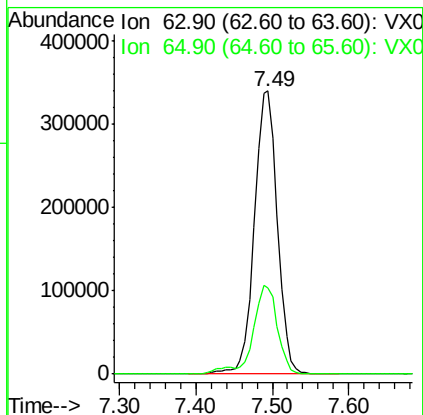
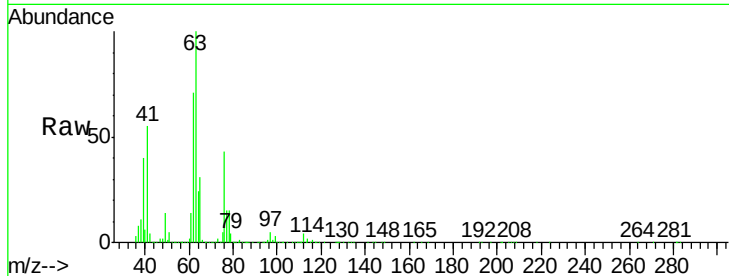
65 30.6 25.7 38.5

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#46

Dibromomethane

Concen: 105.071 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

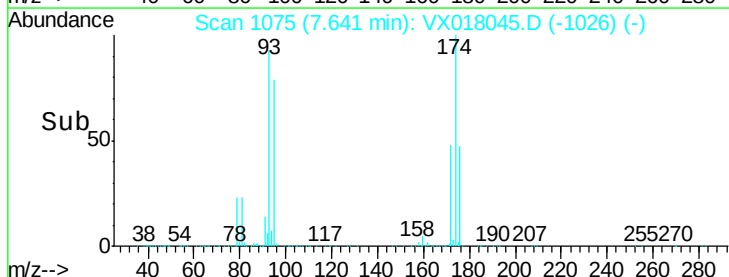
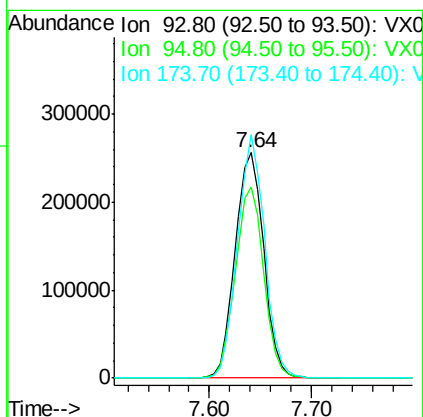
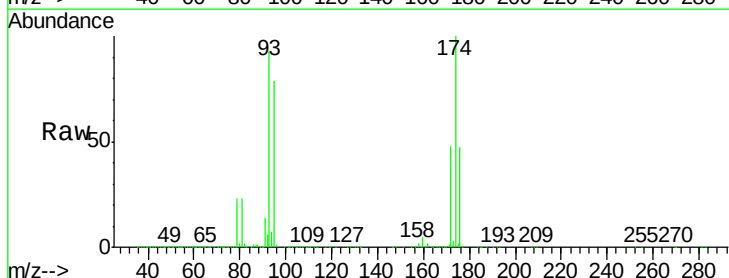
Tgt Ion: 93 Resp: 498301

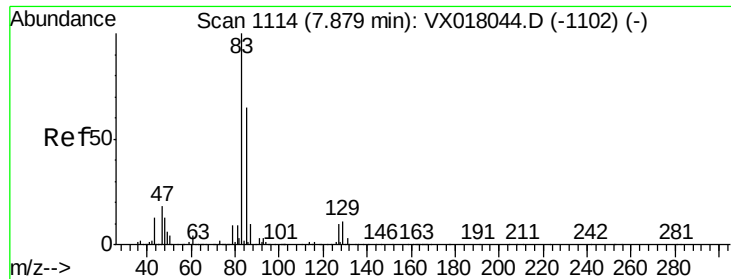
Ion Ratio Lower Upper

93 100

95 83.8 67.3 100.9

174 102.5 82.2 123.2





#47

Bromodichloromethane

Concen: 105.001 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 1011632

Ion Ratio Lower Upper

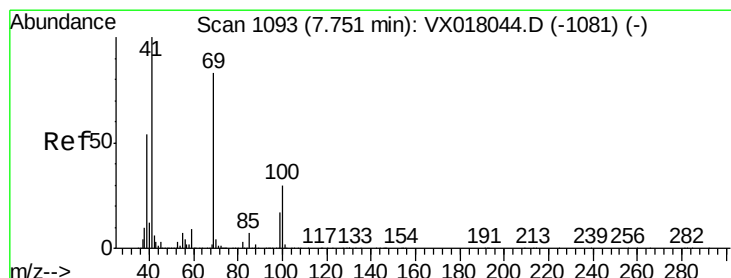
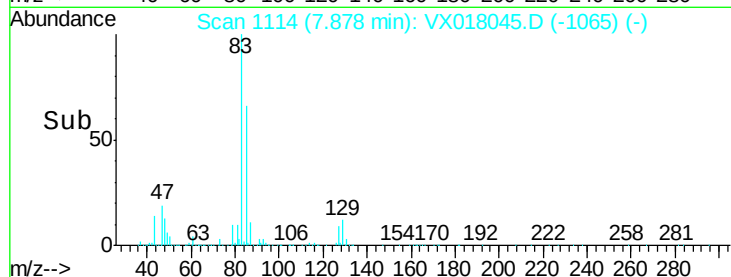
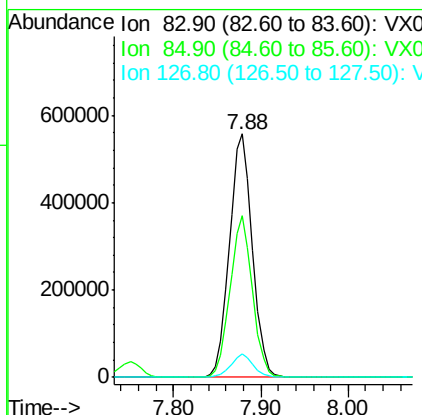
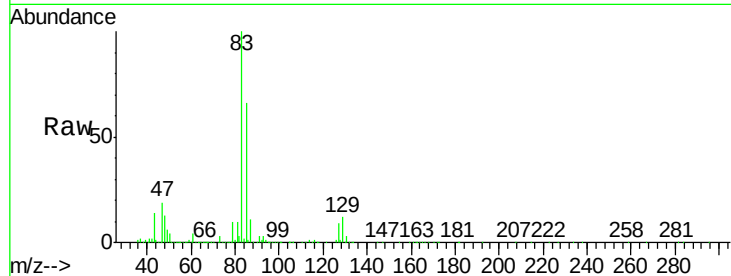
83 100

85 66.2 51.8 77.6

127 9.4 7.7 11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 107.878 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

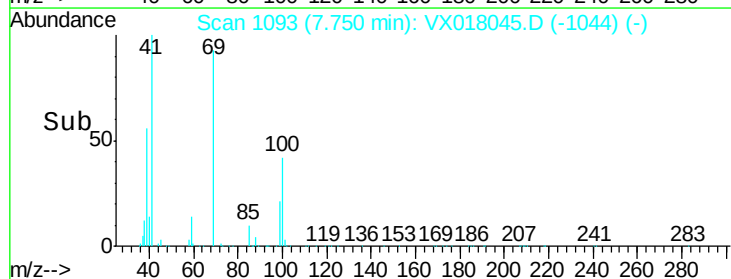
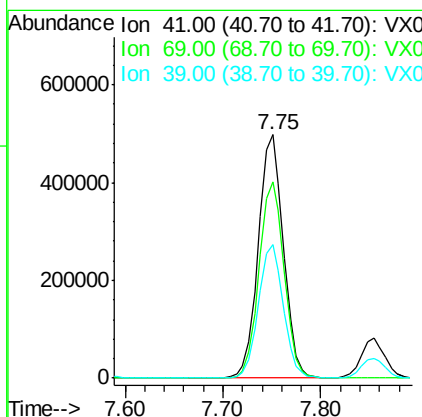
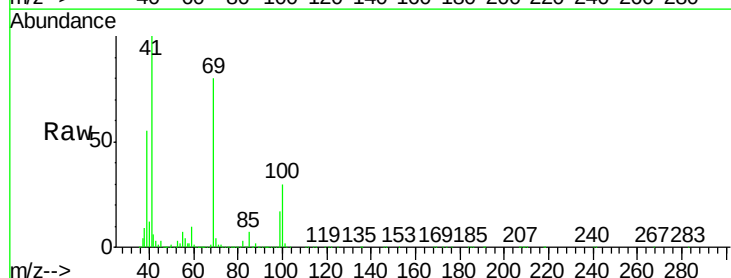
Tgt Ion: 41 Resp: 885588

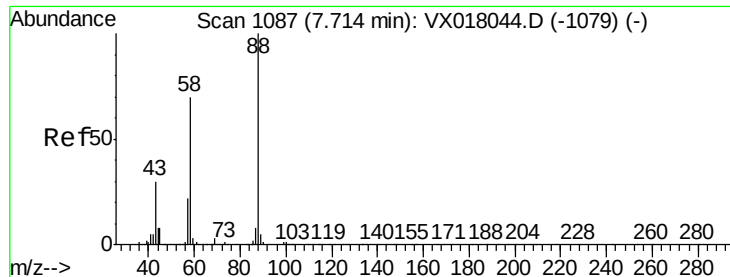
Ion Ratio Lower Upper

41 100

69 80.8 65.5 98.3

39 54.5 44.5 66.7





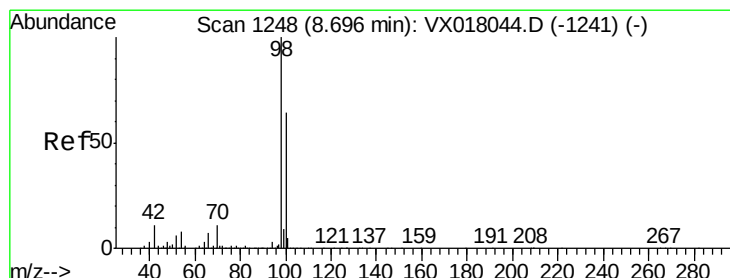
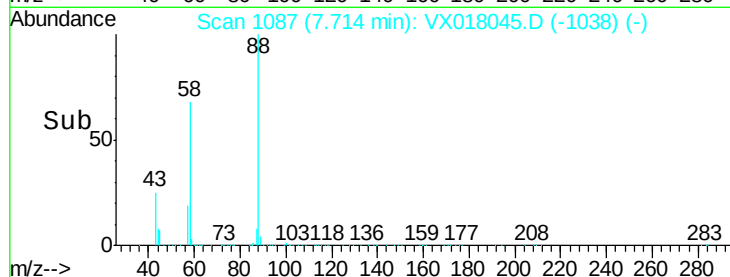
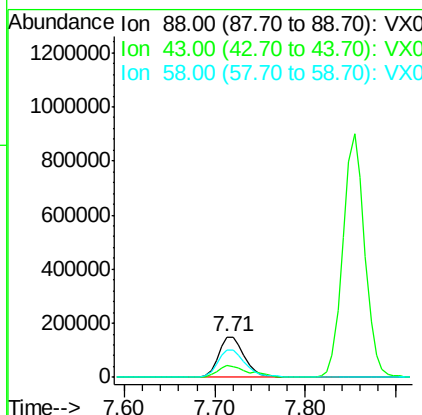
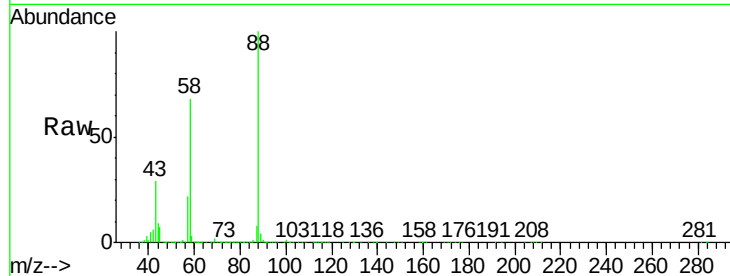
#49
1,4-Dioxane
Concen: 1569.481 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.4	41.0
58	71.5	56.4	84.6

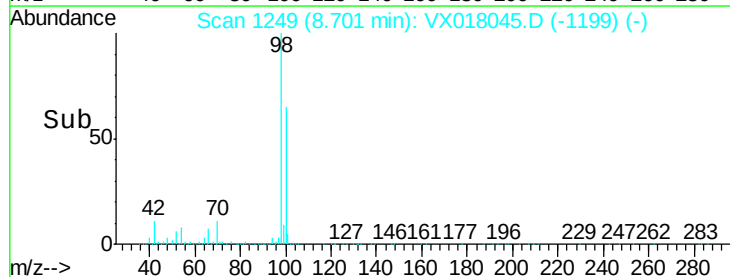
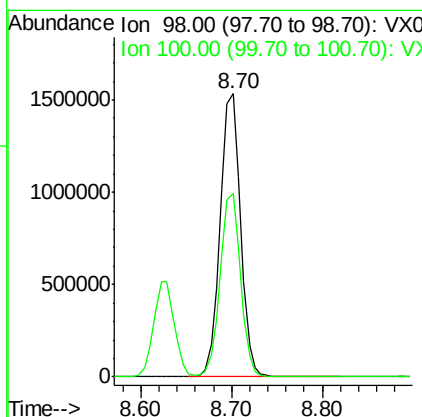
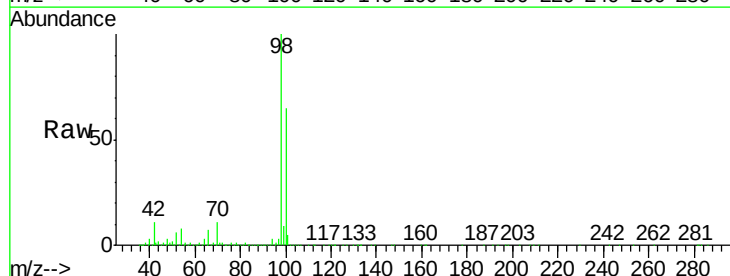
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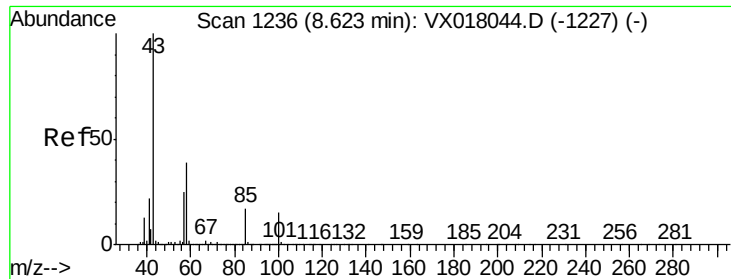
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#50
Toluene-d8
Concen: 102.314 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.4





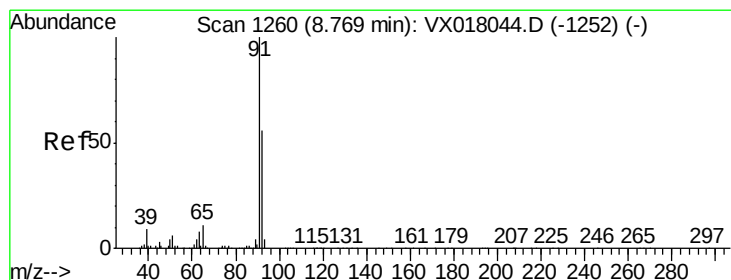
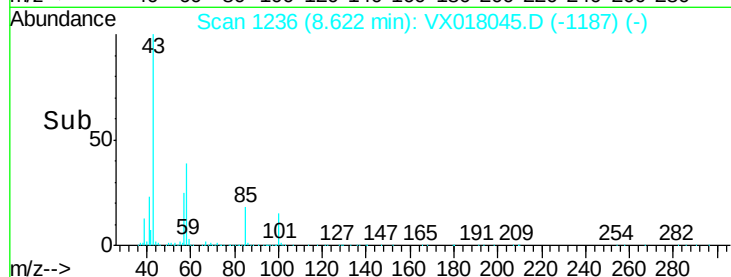
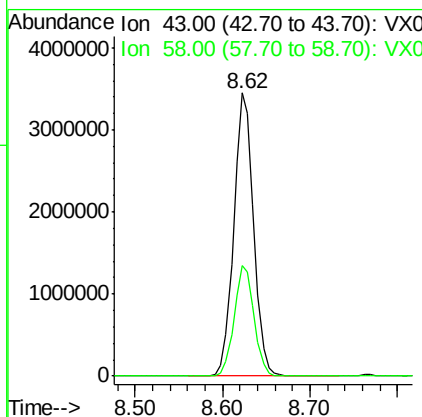
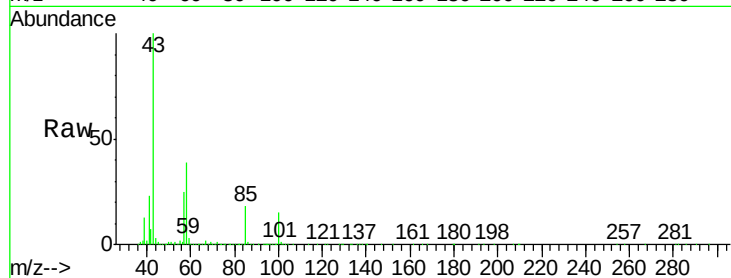
#51
4-Methyl-2-Pentanone
Concen: 518.015 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 5456799
Ion Ratio Lower Upper
43 100
58 39.0 30.7 46.1

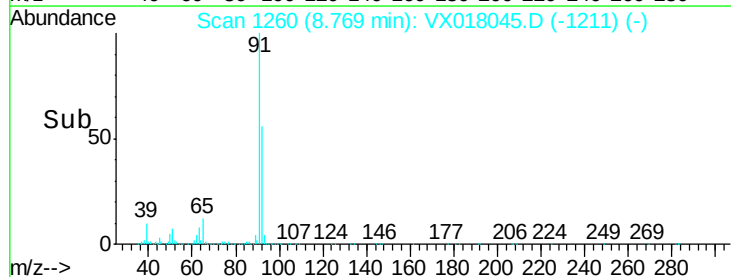
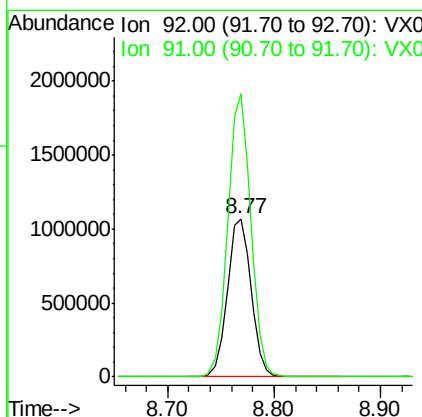
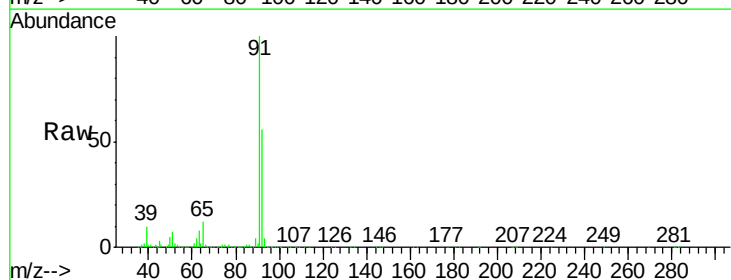
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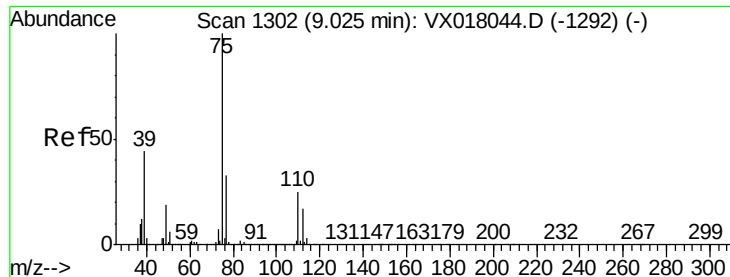
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#52
Toluene
Concen: 98.490 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 92 Resp: 1672789
Ion Ratio Lower Upper
92 100
91 173.7 140.3 210.5





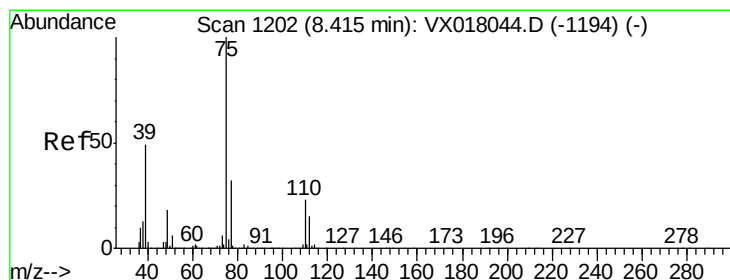
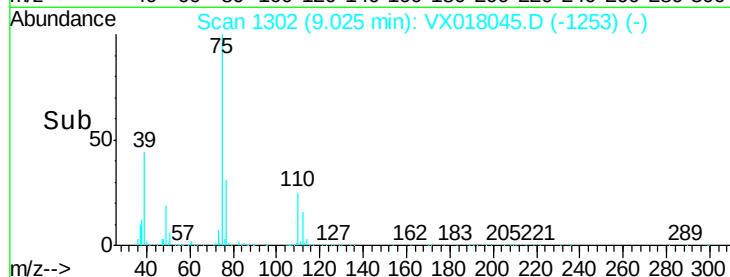
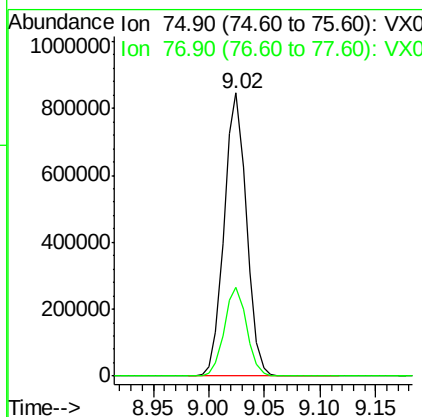
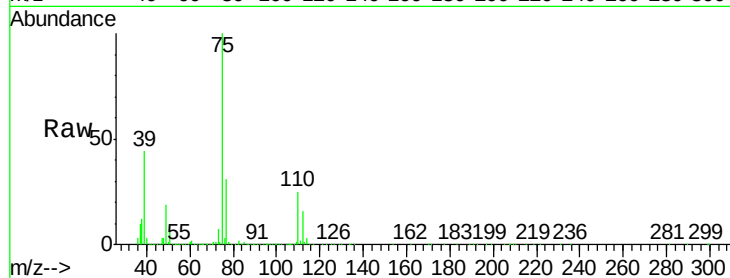
#53
t-1,3-Dichloropropene
Concen: 103.373 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 75 Resp: 1177731
Ion Ratio Lower Upper
75 100
77 31.2 26.6 39.8

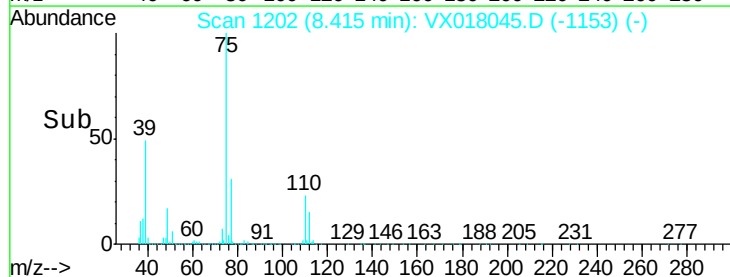
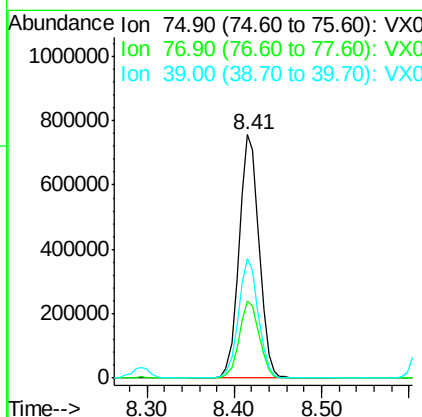
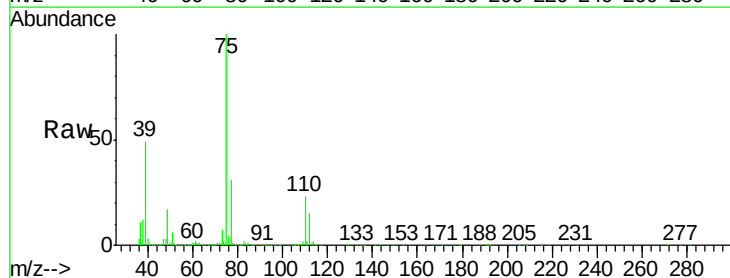
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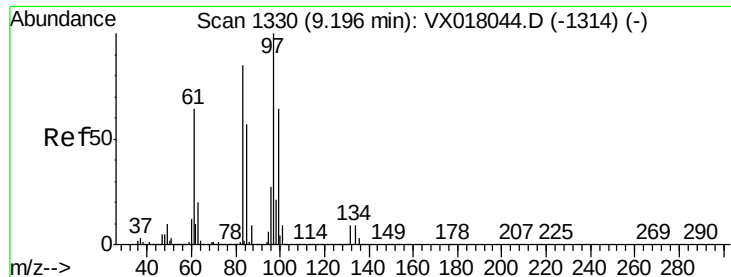
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#54
cis-1,3-Dichloropropene
Concen: 101.250 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 75 Resp: 1204402
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
39 49.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 105.010 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

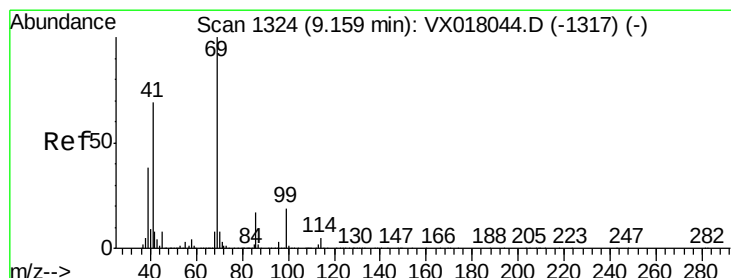
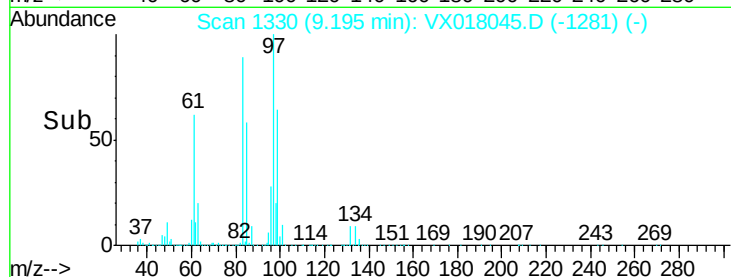
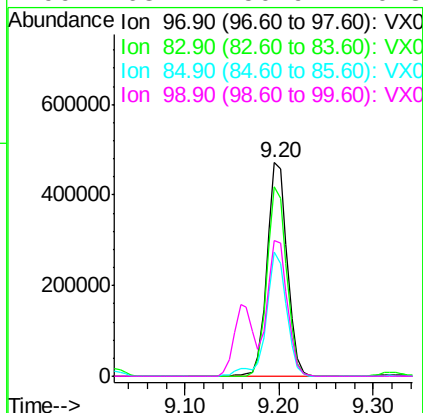
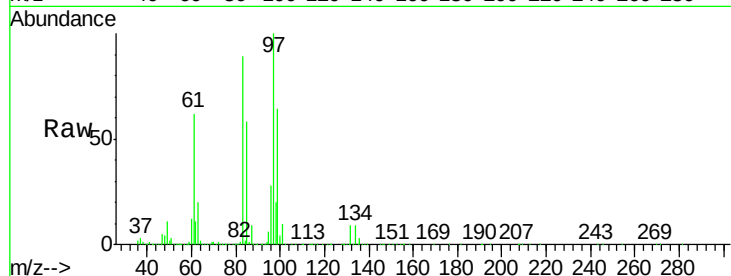
ClientSampleId :

VSTDIC100

Tot Ion:	97	Resp:	709585
Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.8	101.6
85	57.8	45.3	67.9
99	63.7	50.9	76.3

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#56

Ethyl methacrylate

Concen: 106.658 ug/l

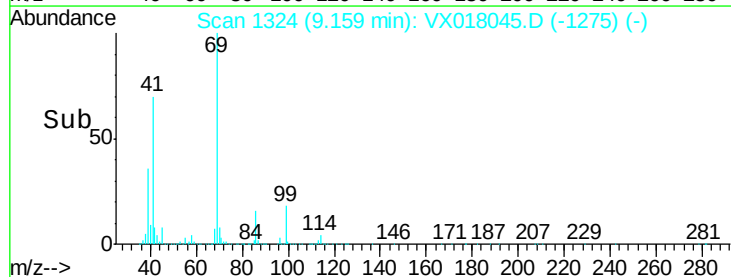
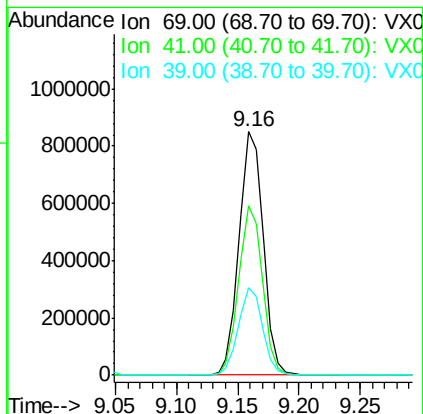
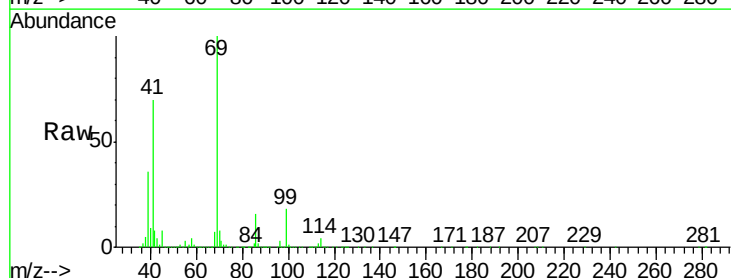
RT: 9.16 min Scan# 1324

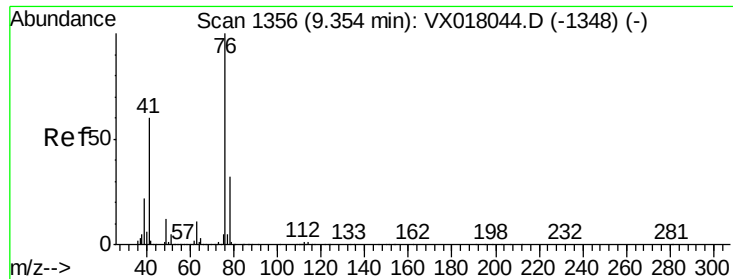
Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion:	69	Resp:	1159866
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.6	81.8
39	35.9	29.1	43.7





#57

1,3-Dichloropropane

Concen: 102.881 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 1204310

Ion Ratio Lower Upper

76 100

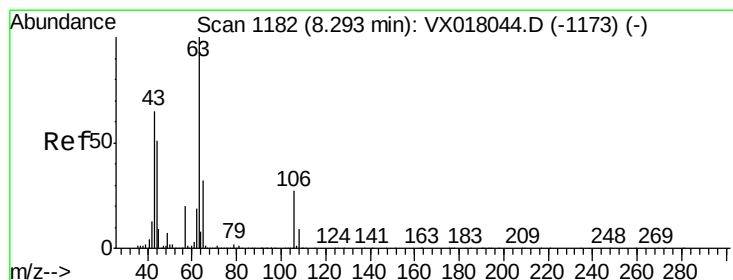
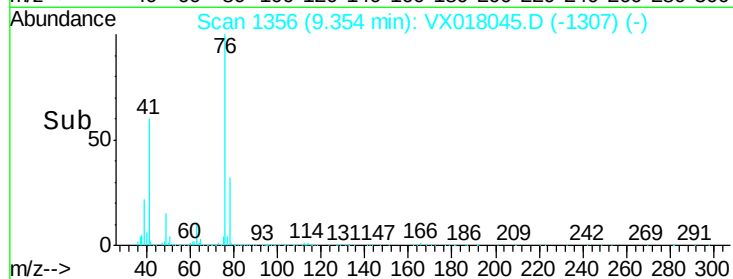
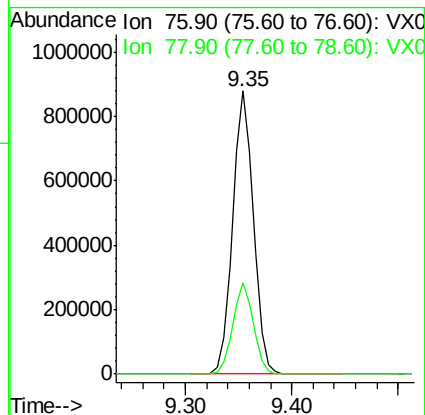
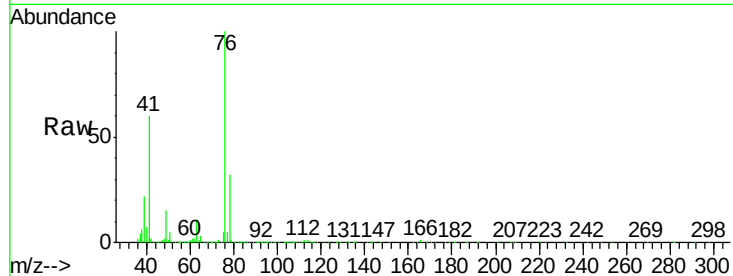
78 31.8 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 445.057 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018045.D

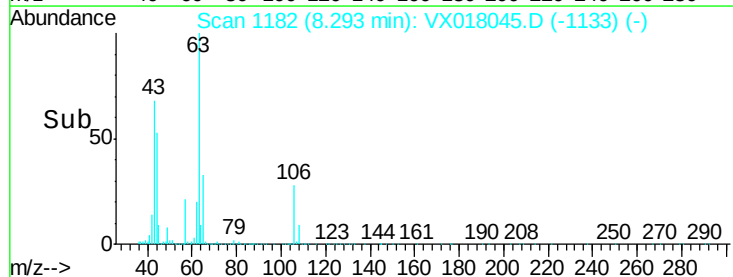
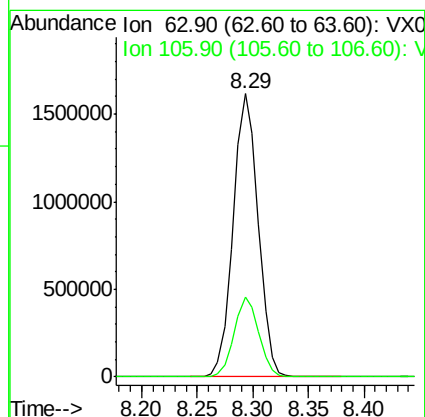
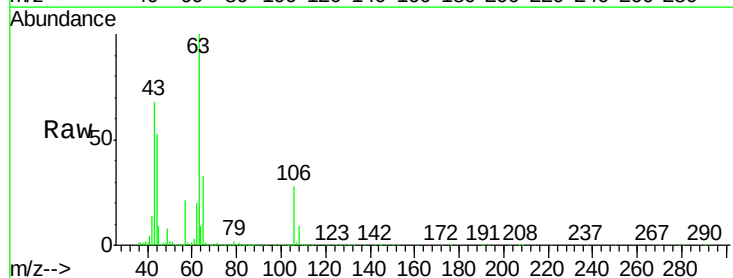
Acq: 20 Aug 2020 20:31

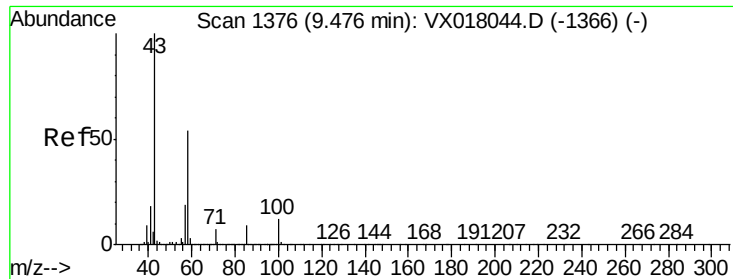
Tgt Ion: 63 Resp: 2509667

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1





#59

2-Hexanone

Concen: 510.397 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 4216953

Ion Ratio Lower Upper

43 100

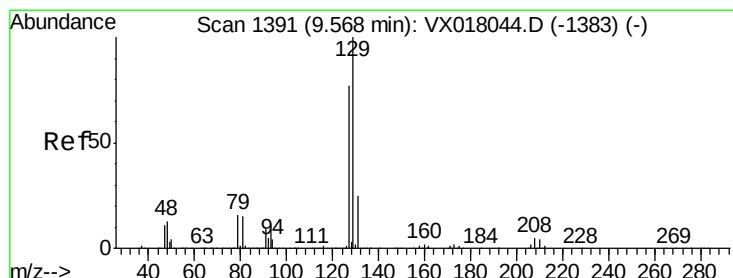
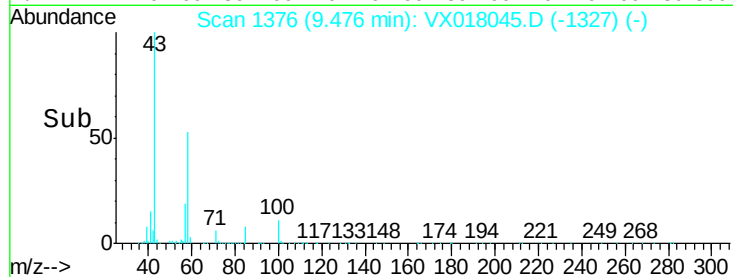
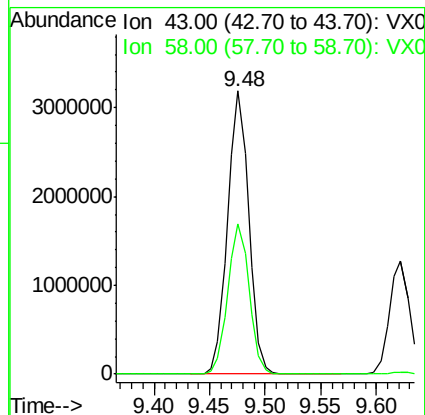
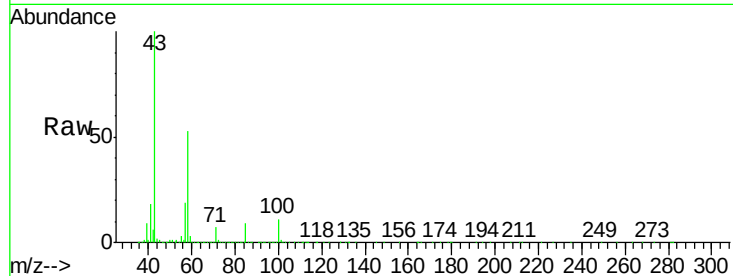
58 53.5 26.6 79.7

Manual Integrations

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#60

Dibromochloromethane

Concen: 116.908 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018045.D

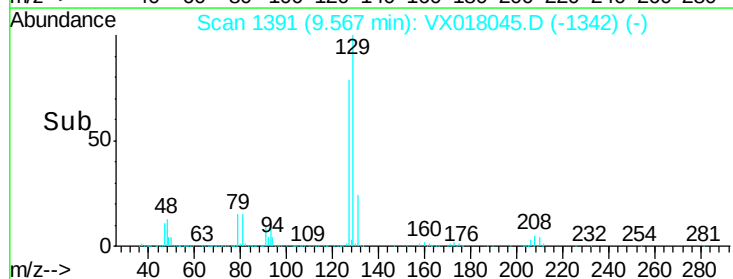
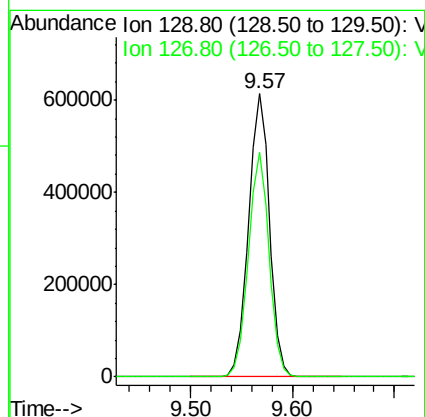
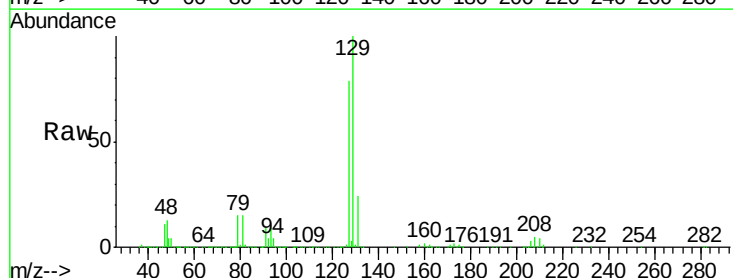
Acq: 20 Aug 2020 20:31

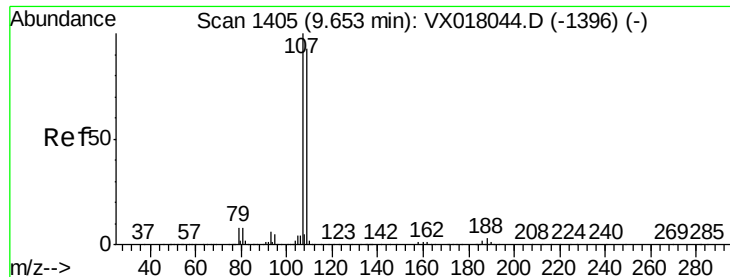
Tgt Ion: 129 Resp: 878775

Ion Ratio Lower Upper

129 100

127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 108.406 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 792356

Ion Ratio Lower Upper

107 100

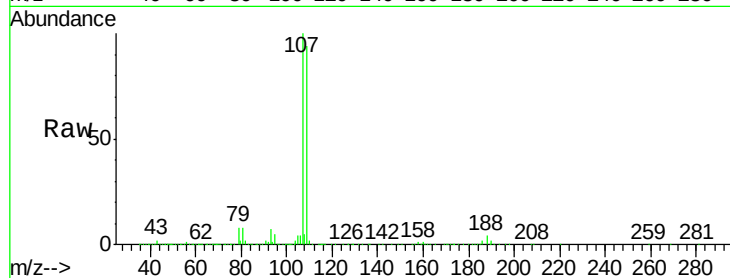
109 94.3 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

600000

500000

400000

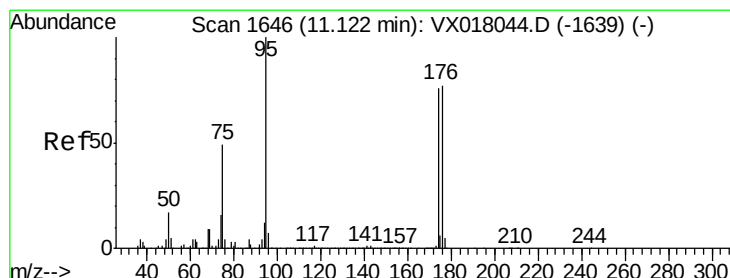
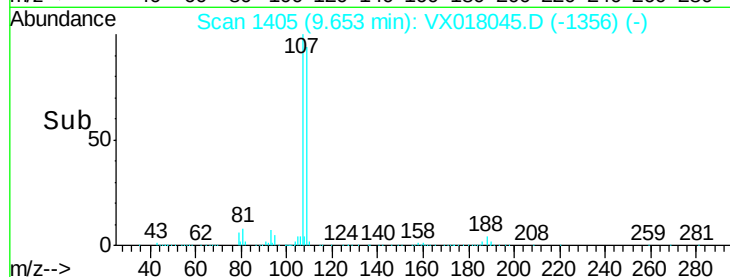
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 107.585 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

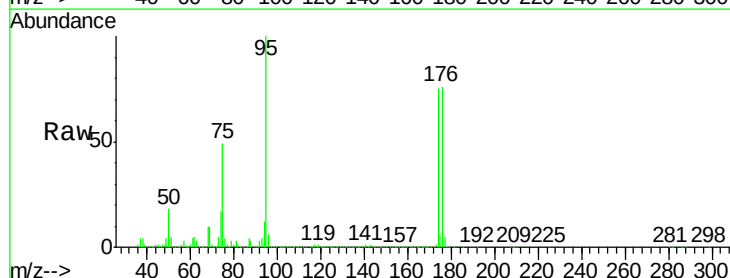
Tgt Ion: 95 Resp: 970036

Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.2

176 77.2 0.0 155.8



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

11.12

1000000

800000

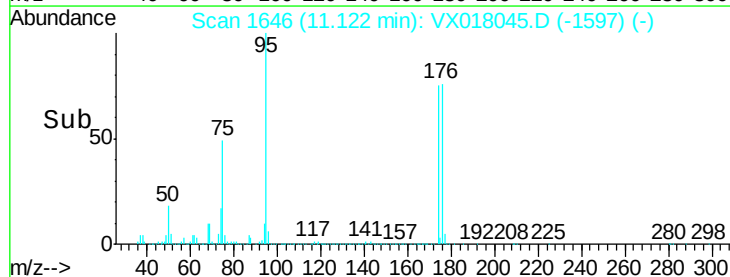
600000

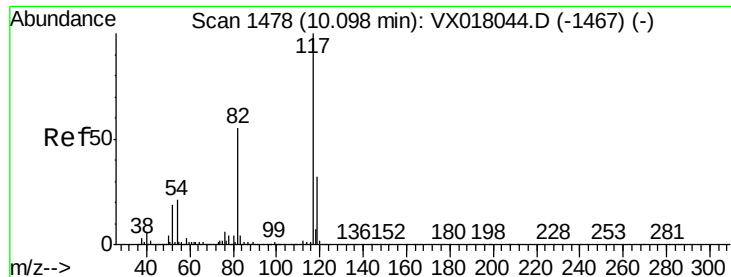
400000

200000

0

Time-->





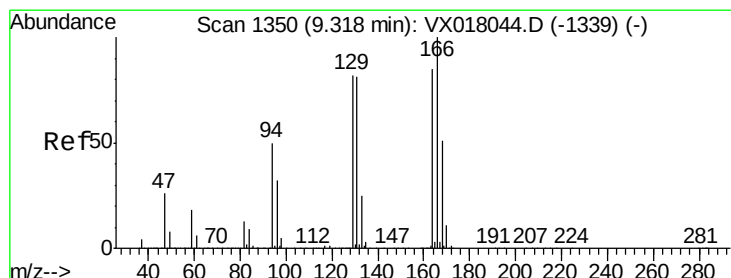
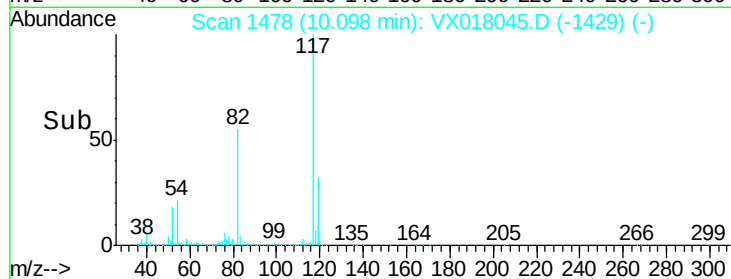
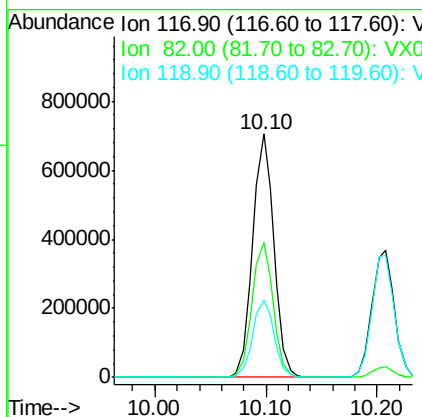
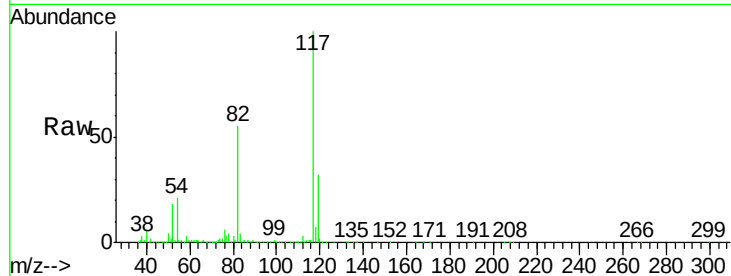
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	936673		
82	55.1	44.2	66.2	
119	32.0	25.7	38.5	

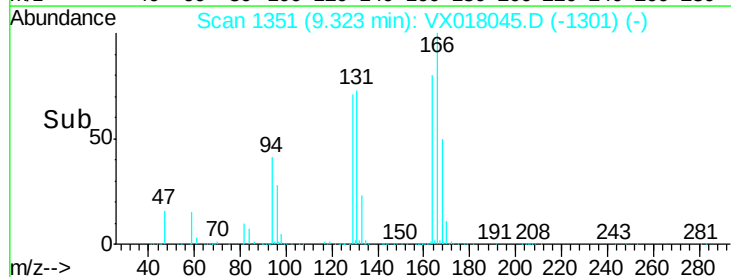
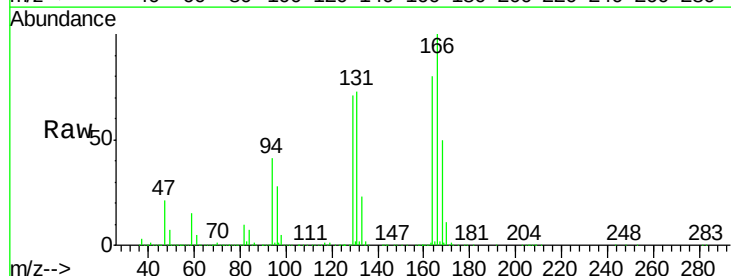
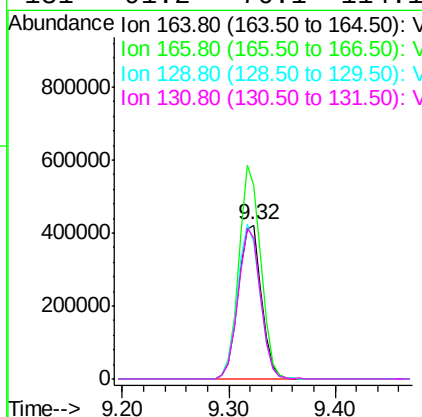
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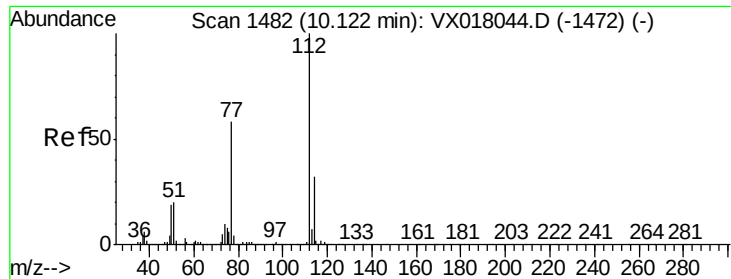
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#64
Tetrachloroethene
Concen: 59.897 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	645638		
166	125.2	94.2	141.2	
129	88.7	76.9	115.3	
131	91.2	76.1	114.1	





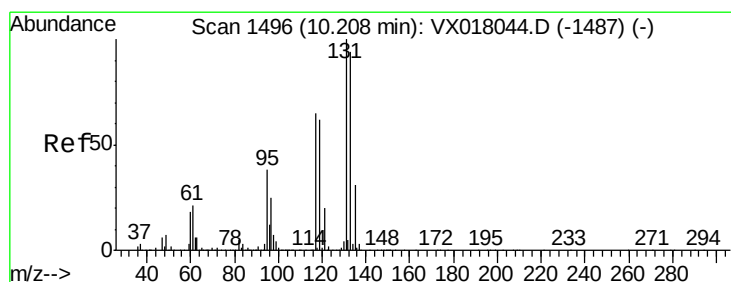
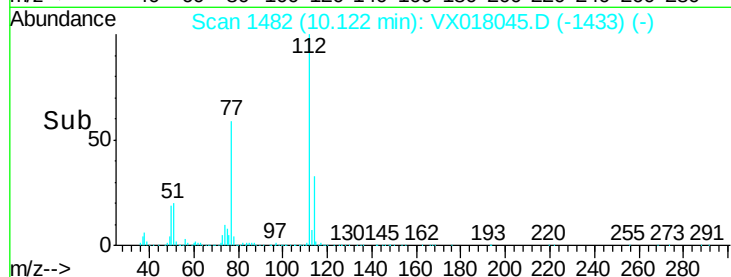
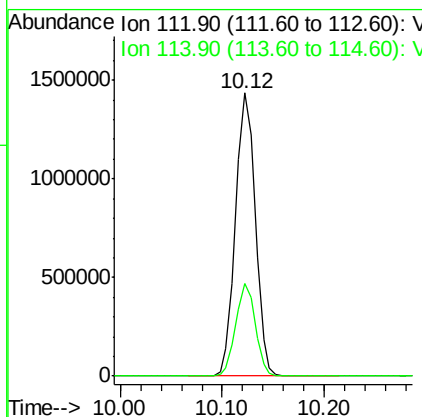
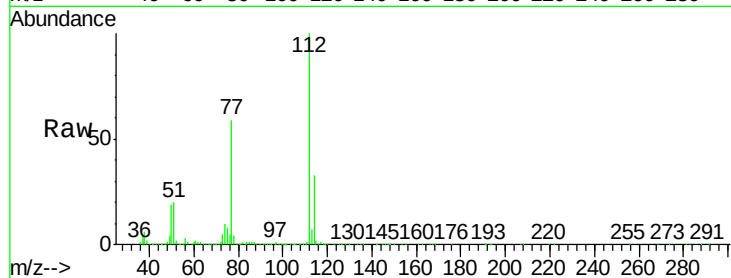
#65
Chlorobenzene
Concen: 98.405 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1921610
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

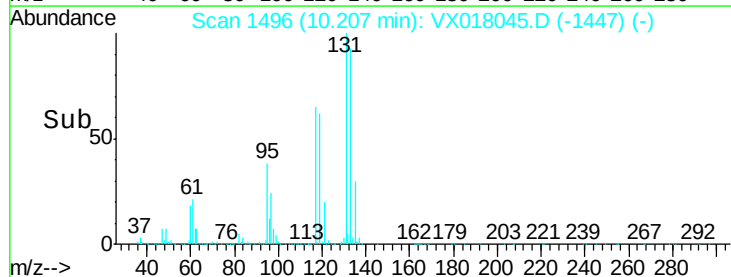
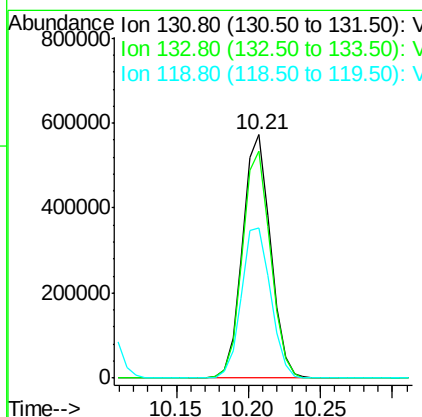
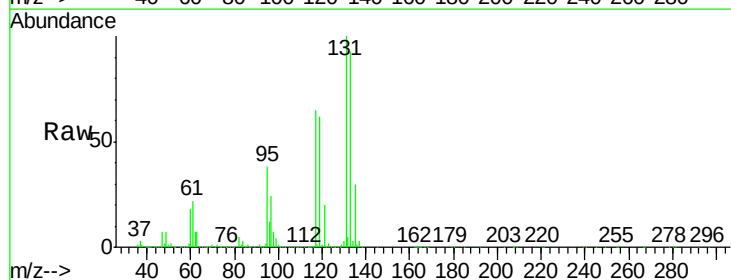
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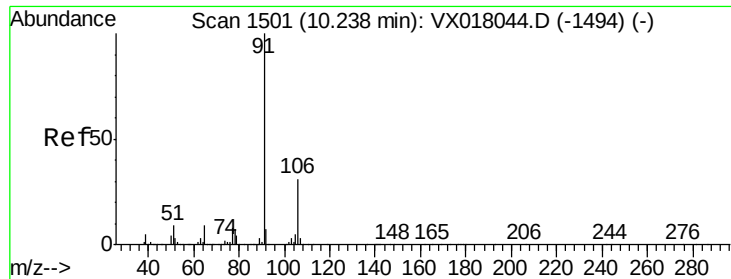
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#66
1,1,1,2-Tetrachloroethane
Concen: 105.576 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion:131 Resp: 769302
Ion Ratio Lower Upper
131 100
133 93.9 46.7 140.1
119 64.5 31.8 95.4





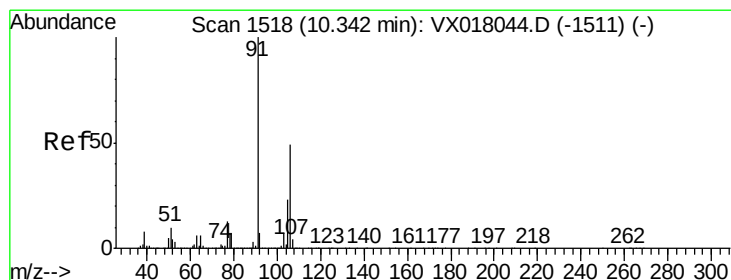
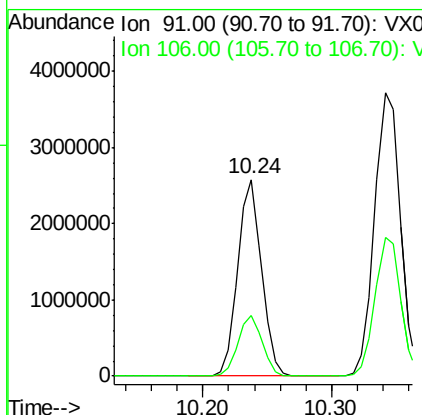
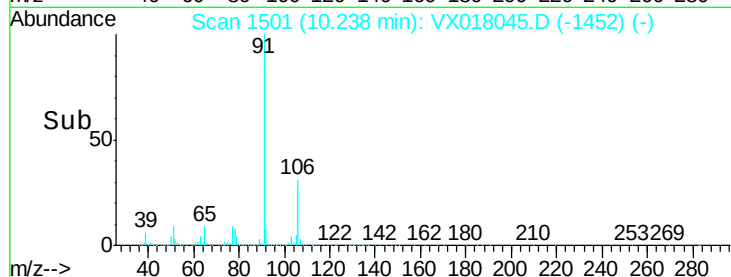
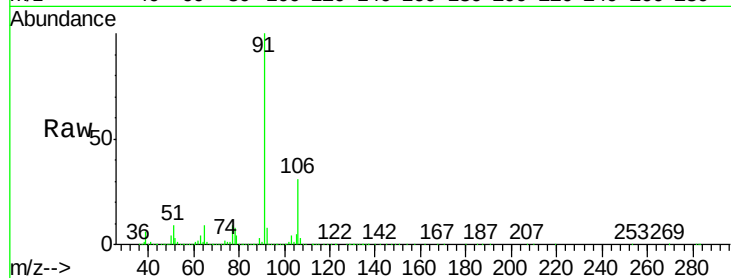
#67
Ethyl Benzene
Concen: 95.593 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 3311164
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

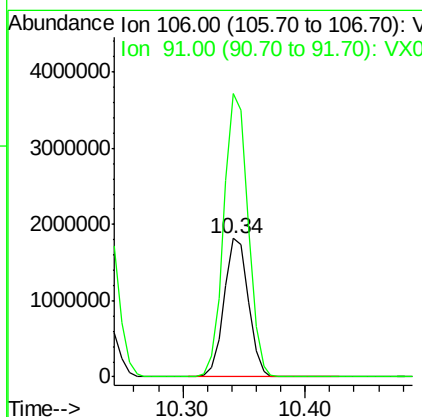
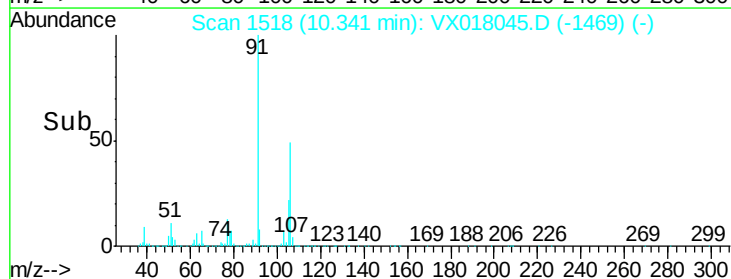
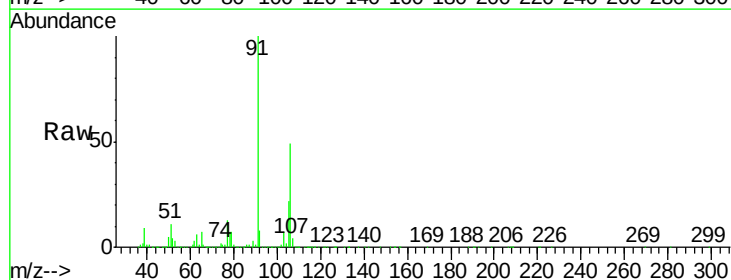
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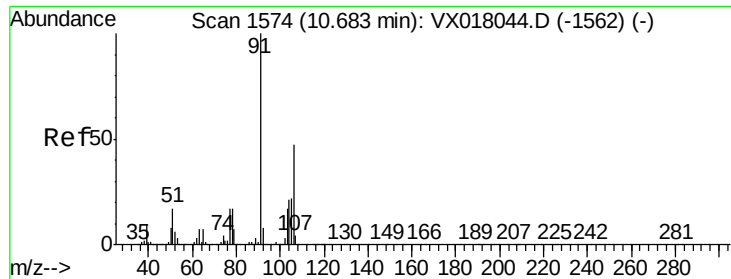
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#68
m/p-Xylenes
Concen: 192.519 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 106 Resp: 2499282
Ion Ratio Lower Upper
106 100
91 204.5 162.2 243.2





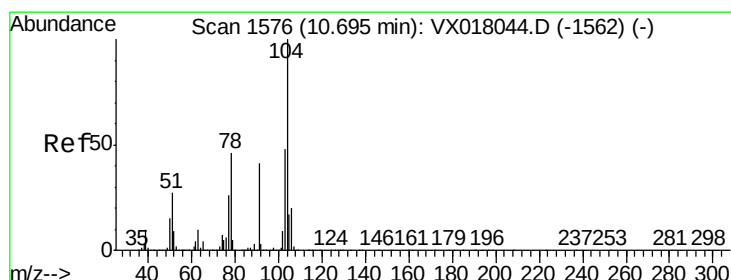
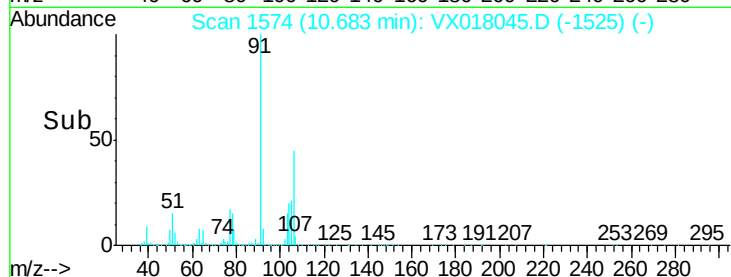
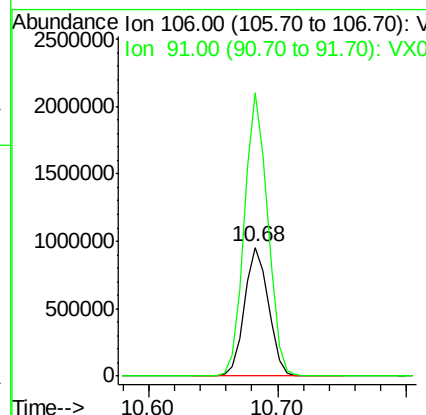
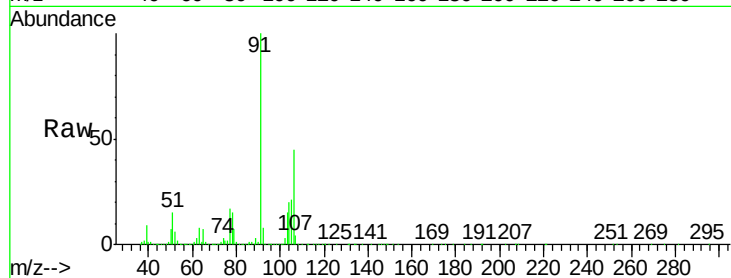
#69
o-Xylene
Concen: 98.056 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.5	107.1	321.3

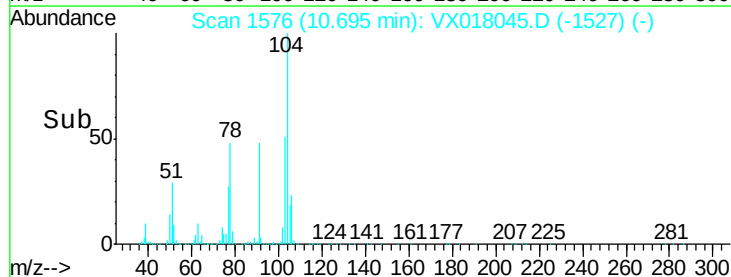
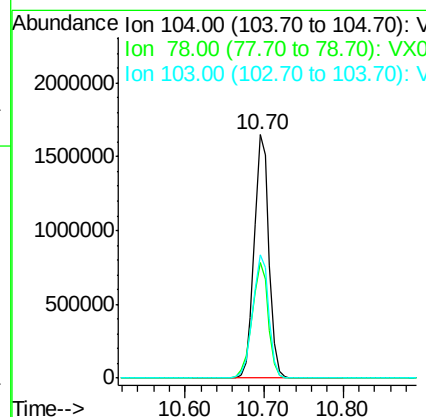
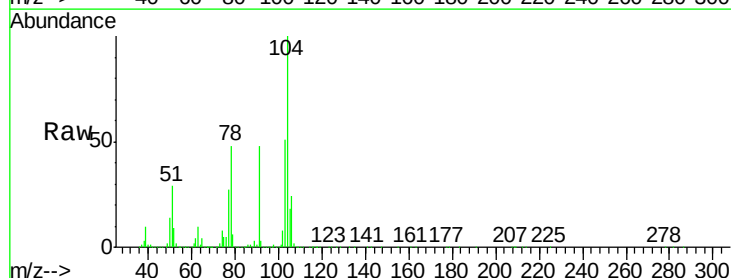
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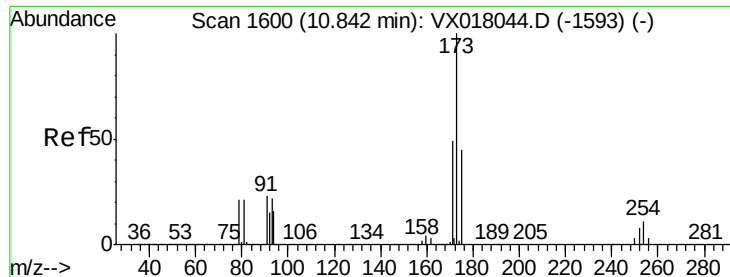
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#70
Styrene
Concen: 100.492 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	40.9	61.3
103	55.5	43.6	65.4





#71

Bromoform

Concen: 111.739 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:173 Resp: 666295

Ion Ratio Lower Upper

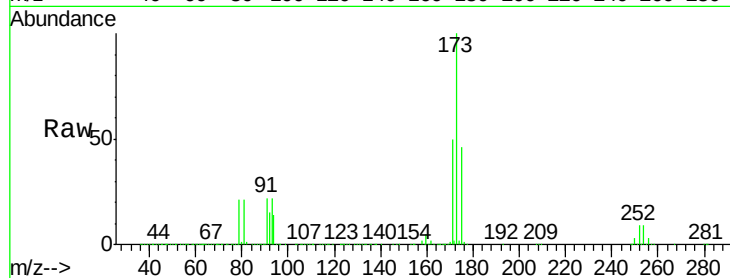
173 100

175 48.4 23.9 71.8

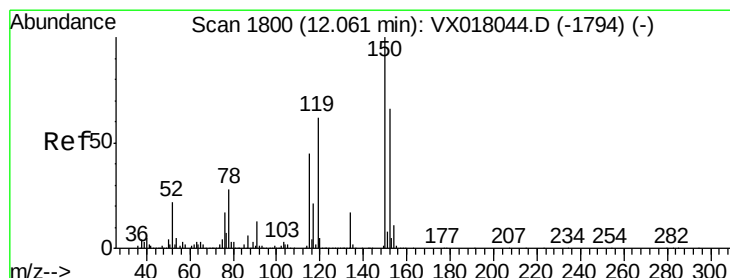
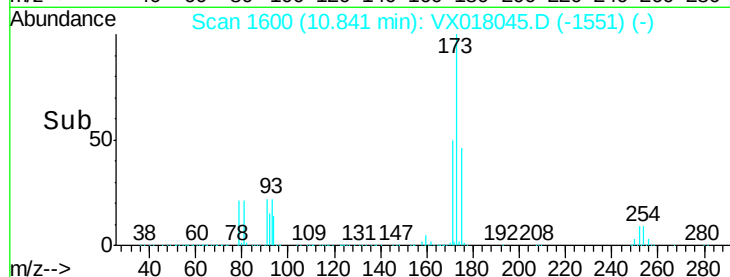
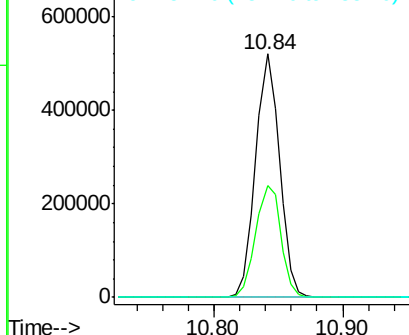
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

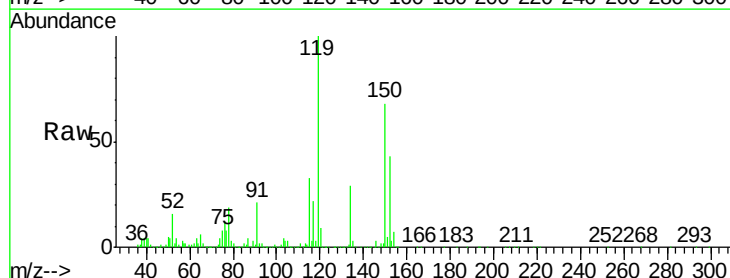
Tgt Ion:152 Resp: 459548

Ion Ratio Lower Upper

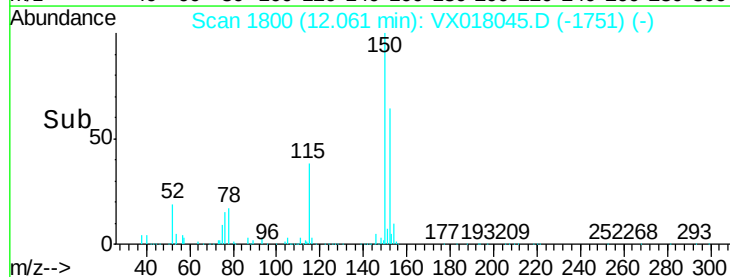
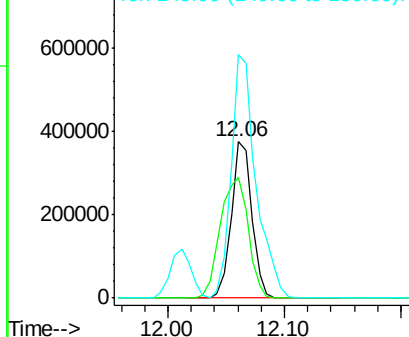
152 100

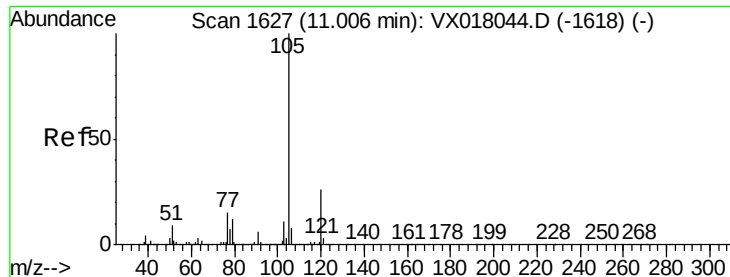
115 104.4 41.5 124.5

150 188.9 0.0 343.8



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





#73

Isopropylbenzene

Concen: 96.705 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 3202123

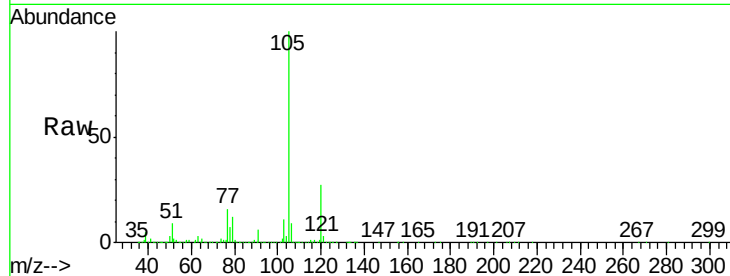
Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5

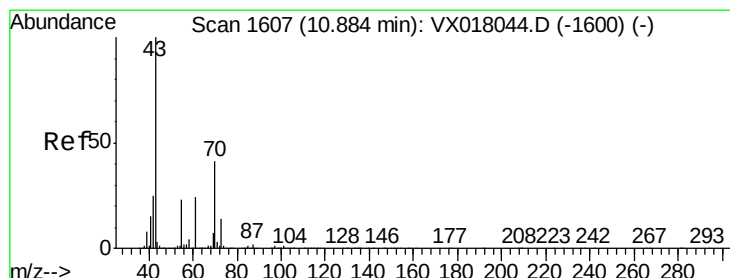
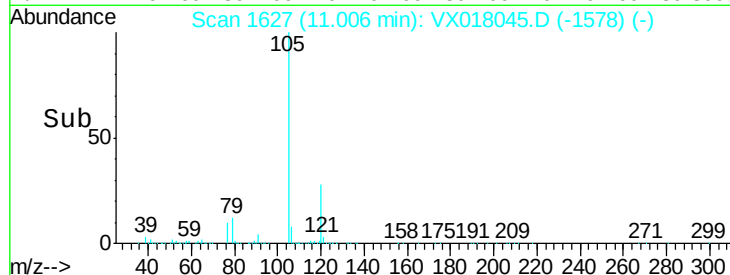
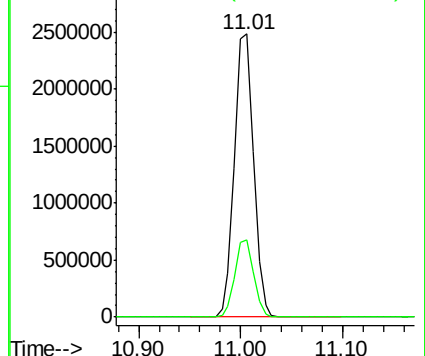
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 102.937 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion: 43 Resp: 1600074

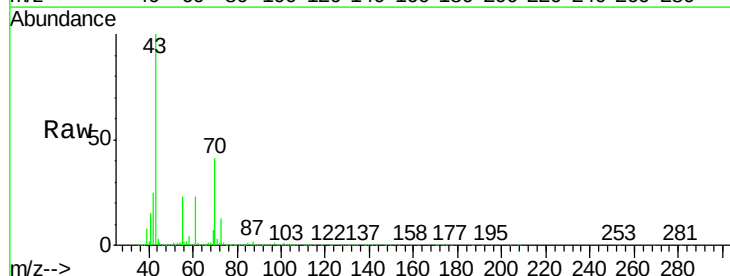
Ion Ratio Lower Upper

43 100

70 40.4 32.3 48.5

55 22.9 18.2 27.2

61 23.8 18.9 28.3

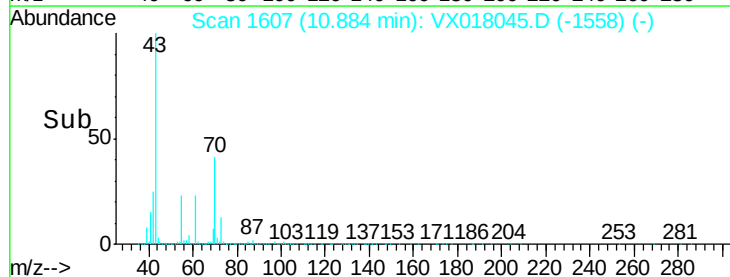
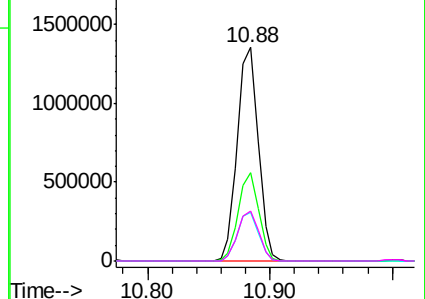


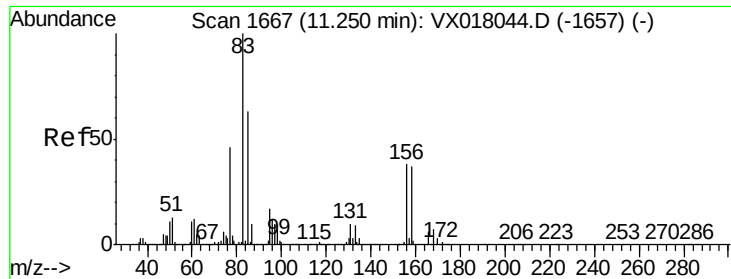
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 163.916 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 83 Resp: 1071376

Ion Ratio Lower Upper

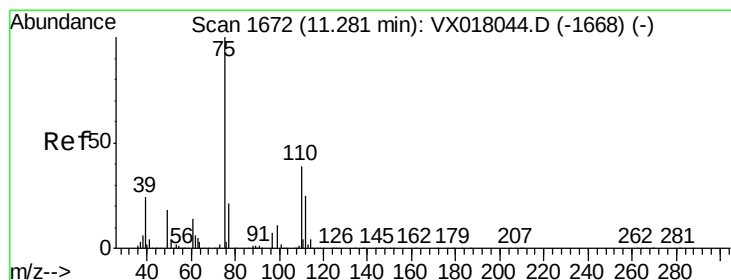
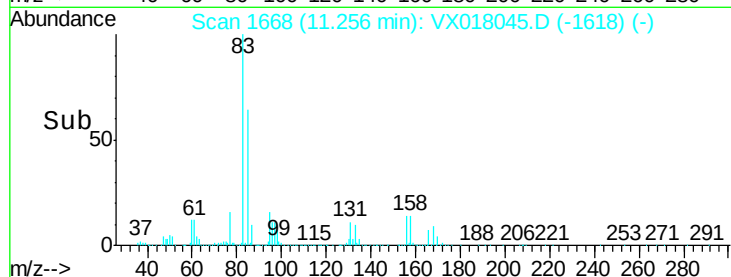
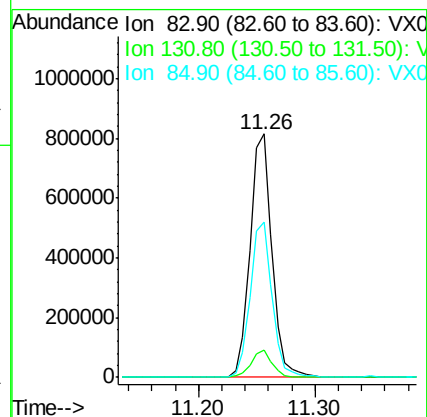
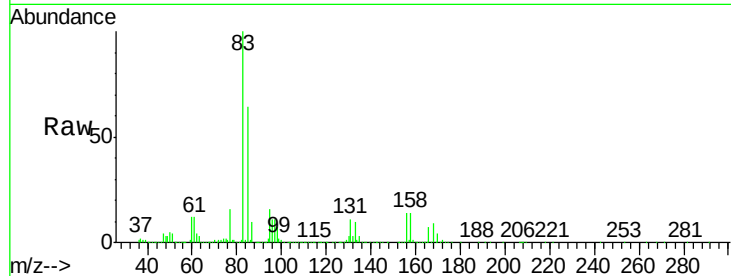
83 100

131 10.6 5.1 15.4

85 64.0 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 96.889 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018045.D

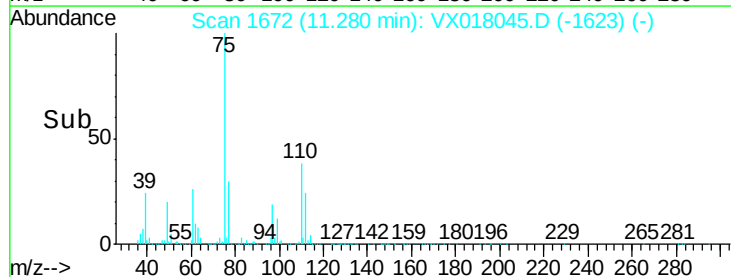
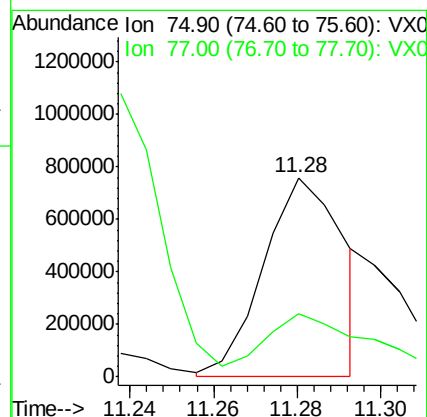
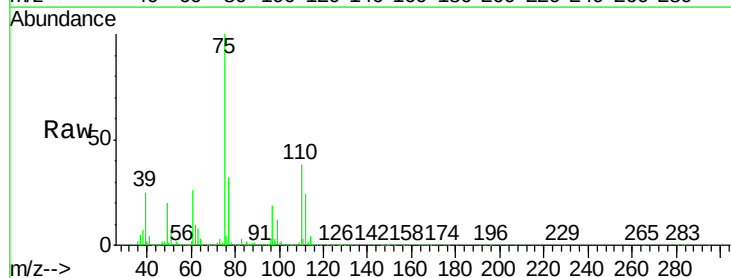
Acq: 20 Aug 2020 20:31

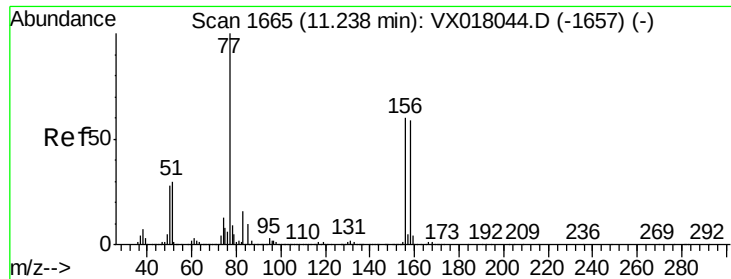
Tgt Ion: 75 Resp: 1003551

Ion Ratio Lower Upper

75 100

77 42.4 20.8 62.2





#77

Bromobenzene

Concen: 99.043 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

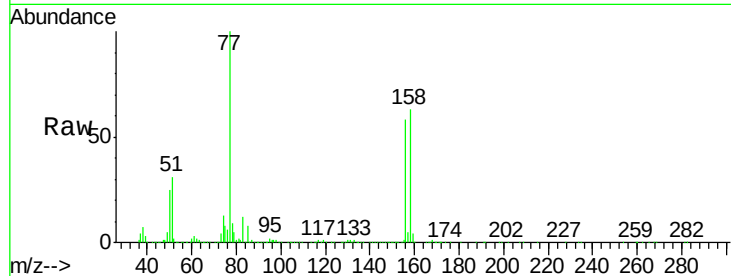
ClientSampled :

VSTDIC100

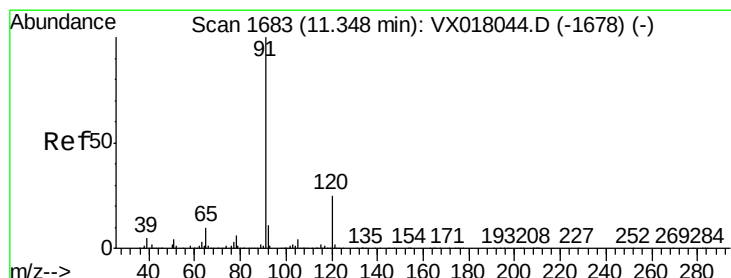
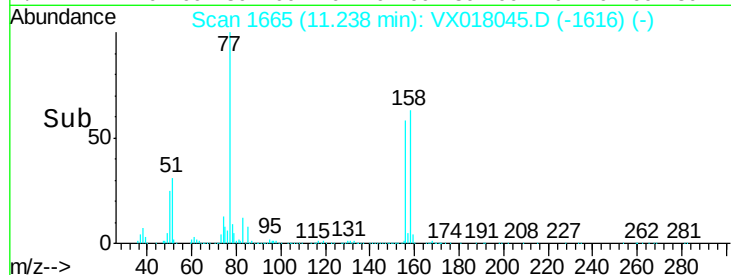
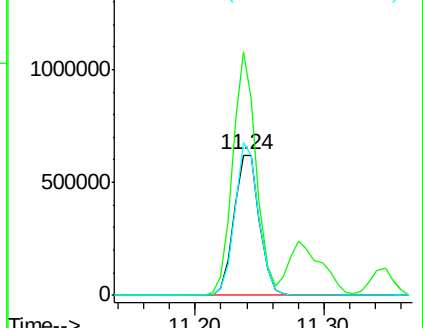
Tot Ion:	156	Resp:	852694
Ion Ratio	Lower	Upper	
156	100		
77	160.4	80.0	240.2
158	101.3	49.5	148.7

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 96.275 ug/l

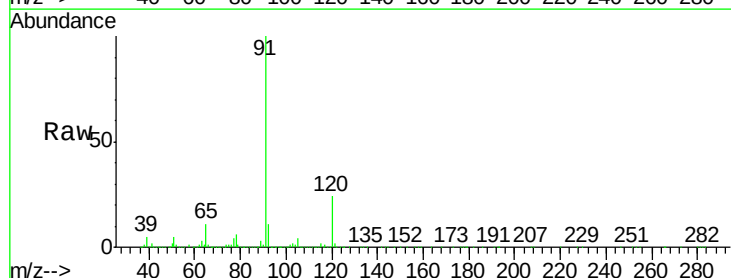
RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

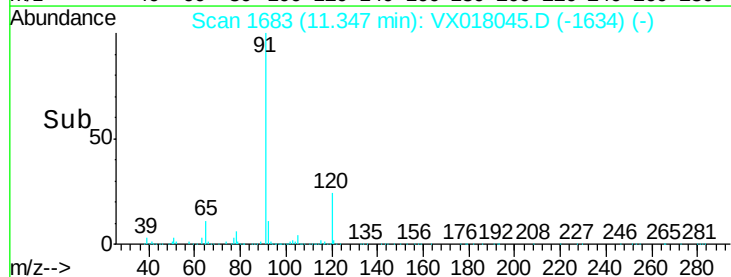
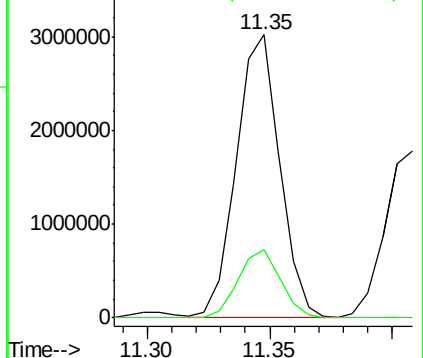
Lab File: VX018045.D

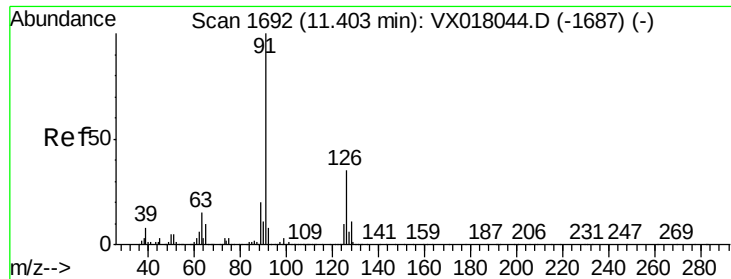
Acq: 20 Aug 2020 20:31

Tgt Ion:	91	Resp:	3699823
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





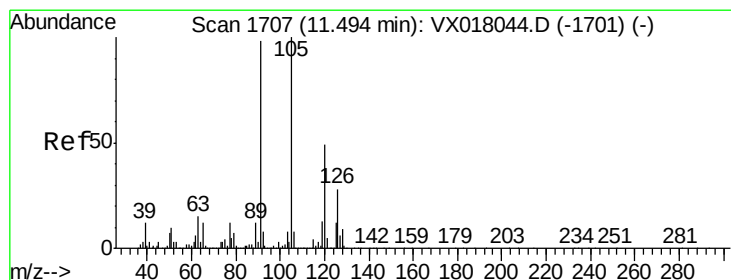
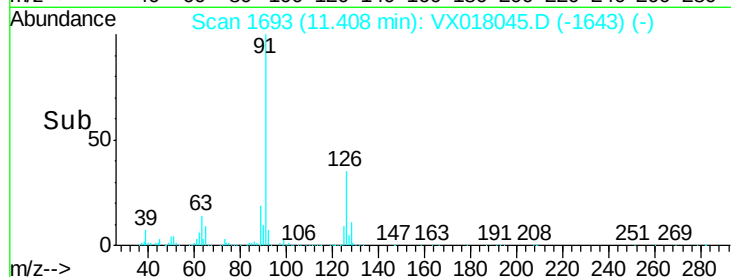
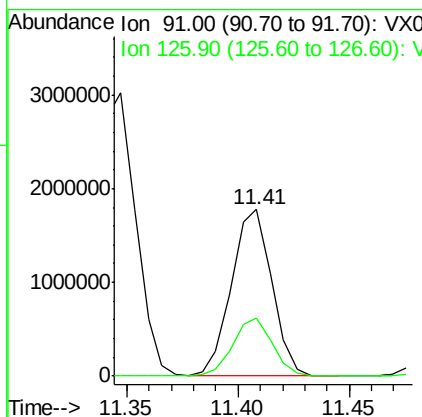
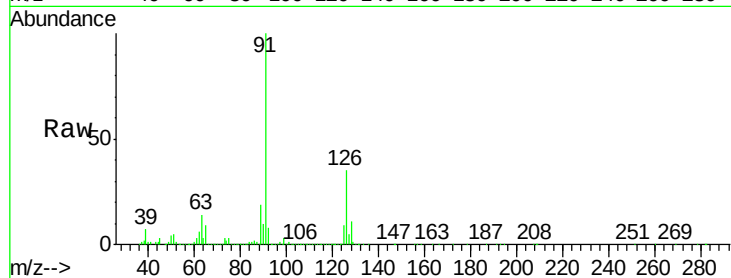
#79
 2-Chlorotoluene
 Concen: 97.890 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 2238941
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.4 52.2

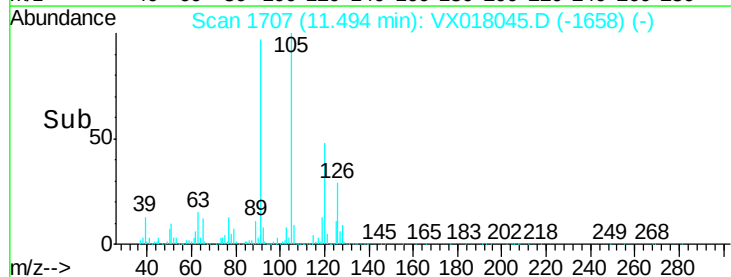
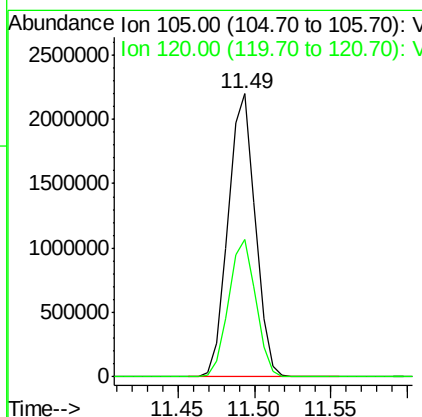
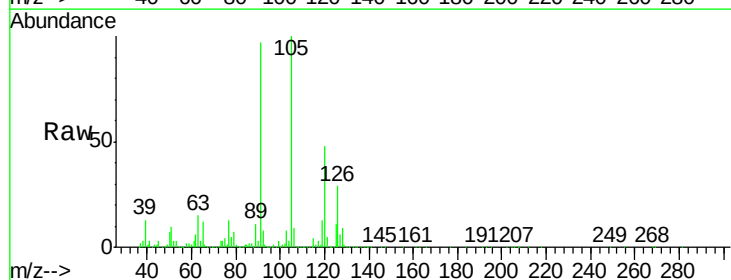
Manual Integrations
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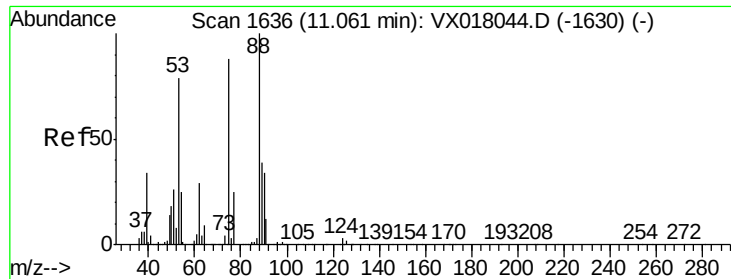
MMDadoda
 8/21/2020 11:23:11 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 96.312 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion: 105 Resp: 2693916
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2





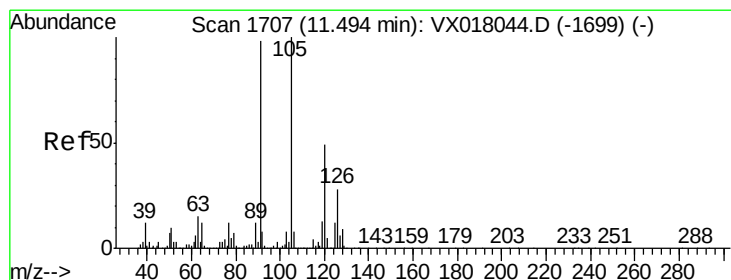
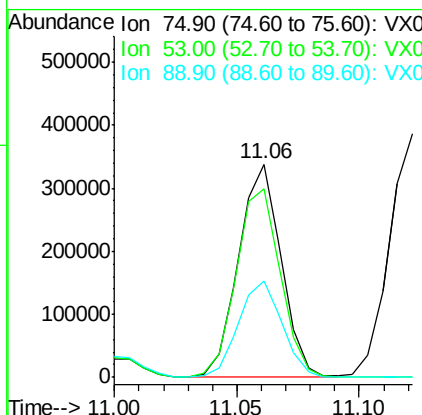
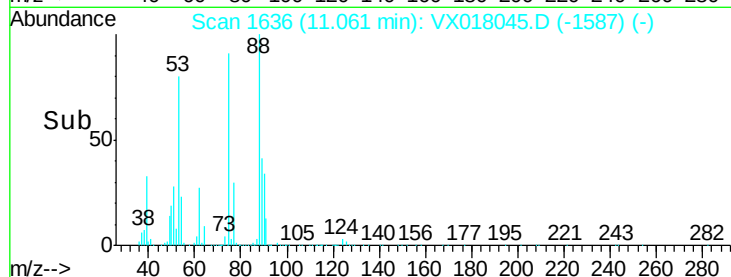
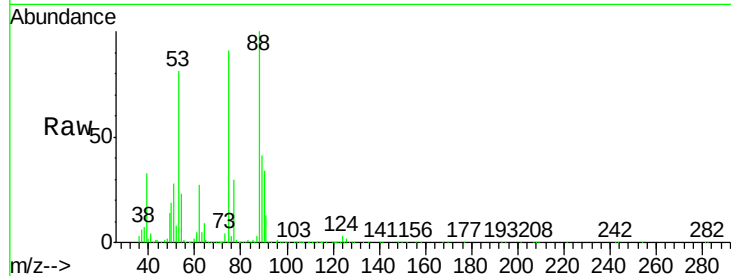
#81
trans-1,4-Dichloro-2-butene
Concen: 95.796 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.7	74.7	112.1
89	46.3	36.6	54.8

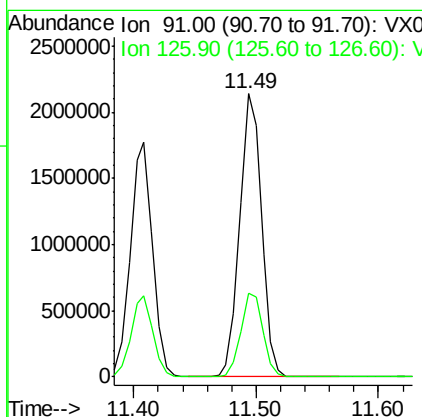
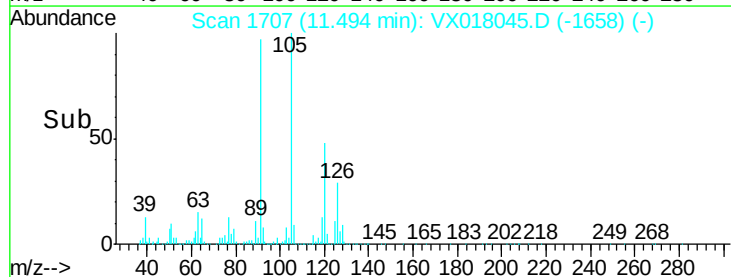
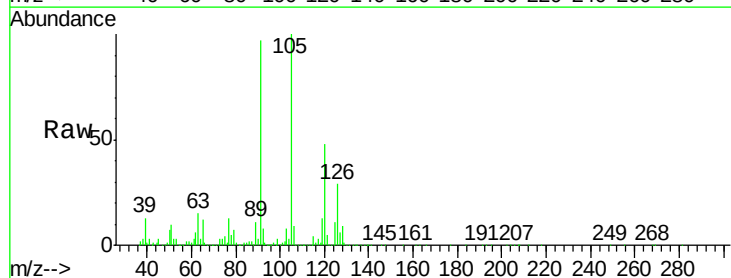
Manual Integrations
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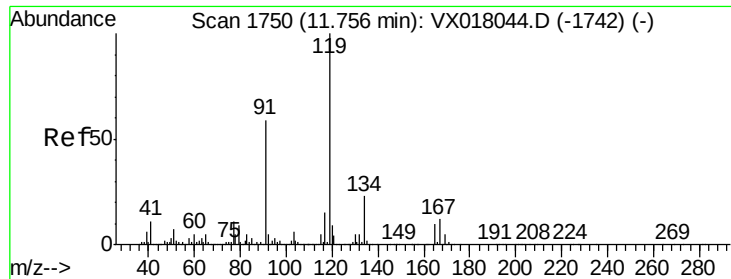
MMDadoda
8/21/2020 11:23:11 AM



#82
4-Chlorotoluene
Concen: 97.658 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.1	45.3





#83

tert-Butylbenzene

Concen: 107.858 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

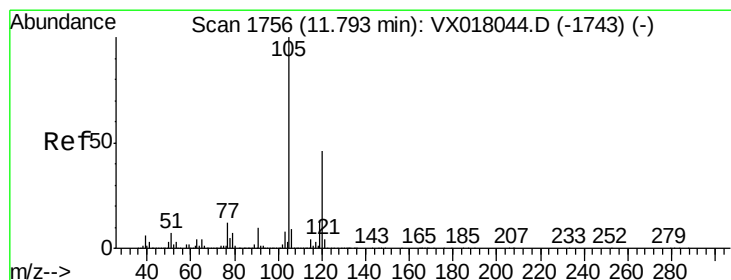
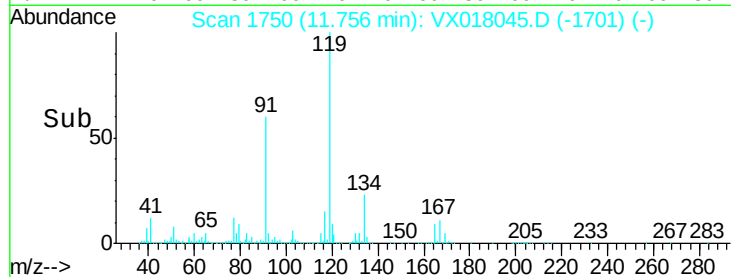
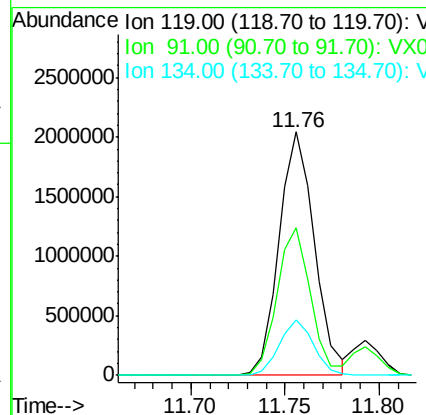
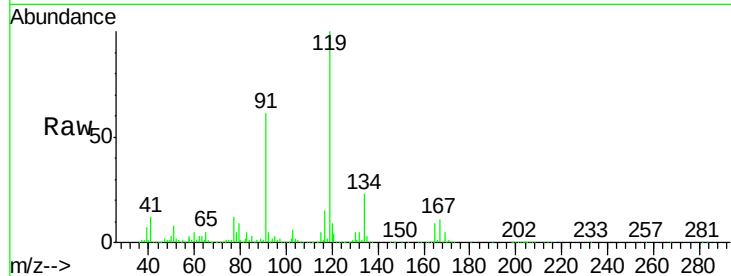
ClientSampleId :

VSTDIC100

Tot Ion:	119	Resp:	2651755
Ion	Ratio	Lower	Upper
119	100		
91	58.0	28.2	84.7
134	21.9	11.3	33.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 97.020 ug/l

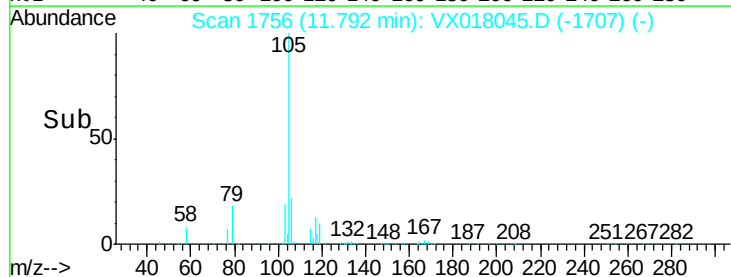
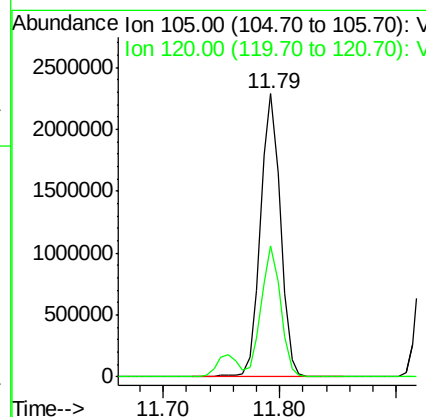
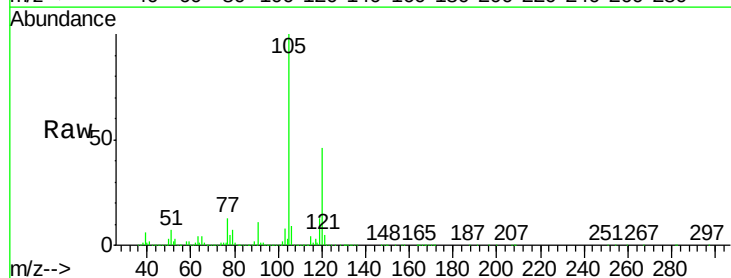
RT: 11.79 min Scan# 1756

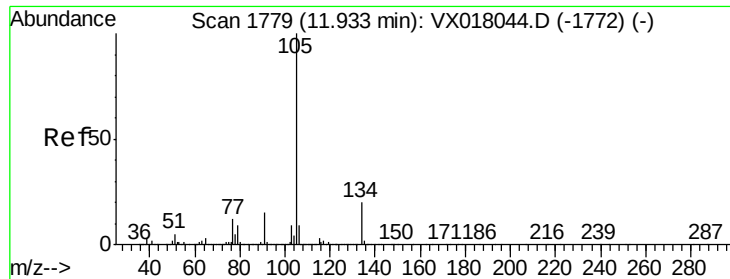
Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion:	105	Resp:	2746080
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.9





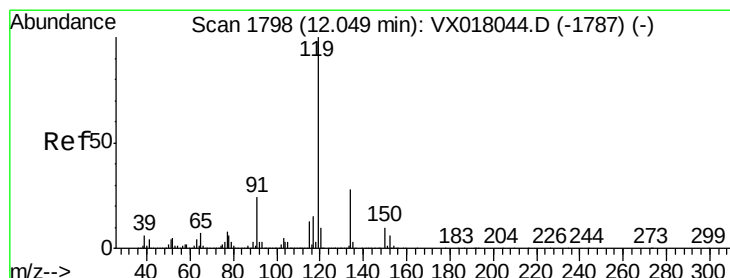
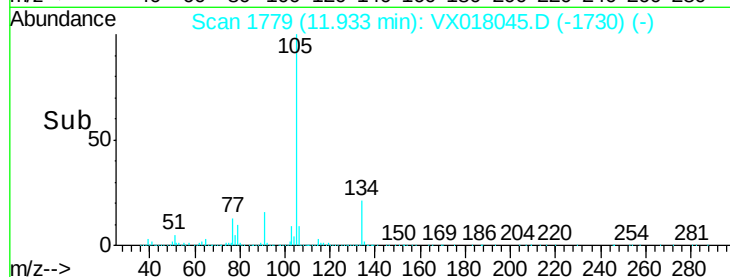
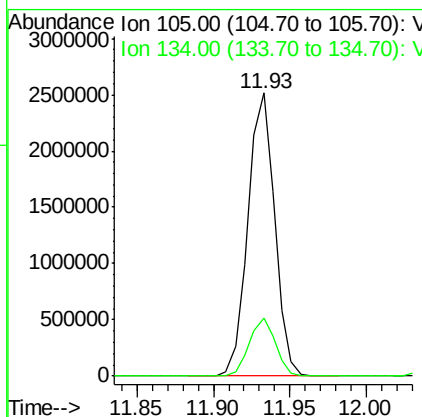
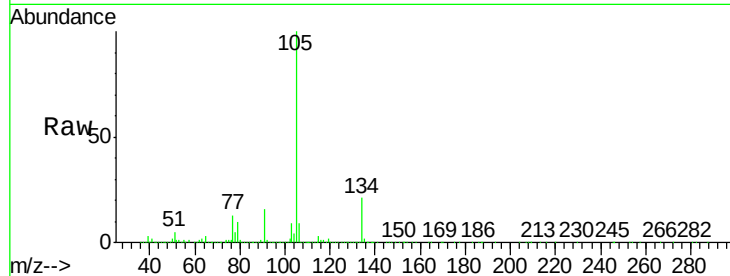
#85
 sec-Butylbenzene
 Concen: 94.034 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3

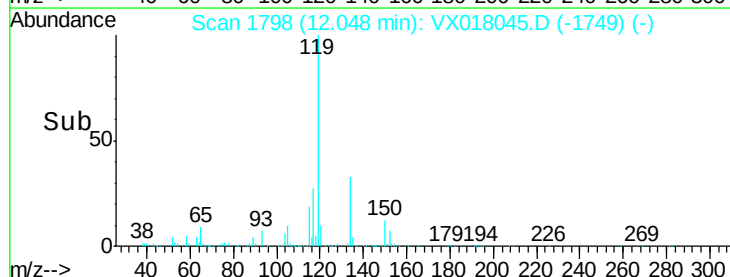
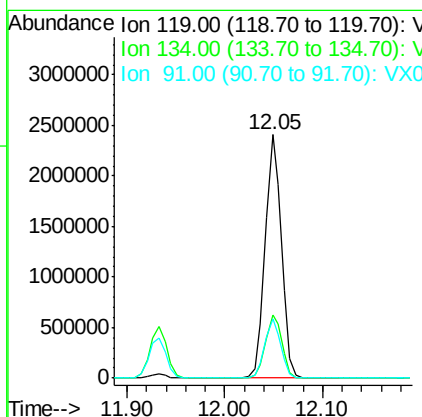
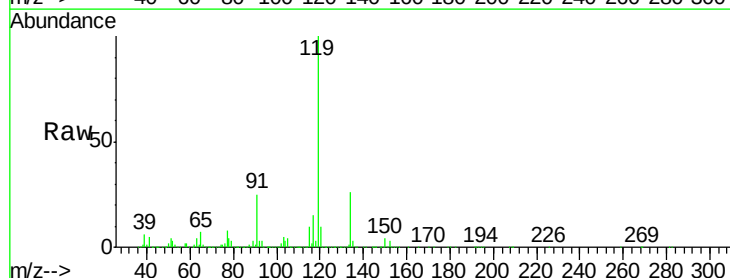
Manual Integrations
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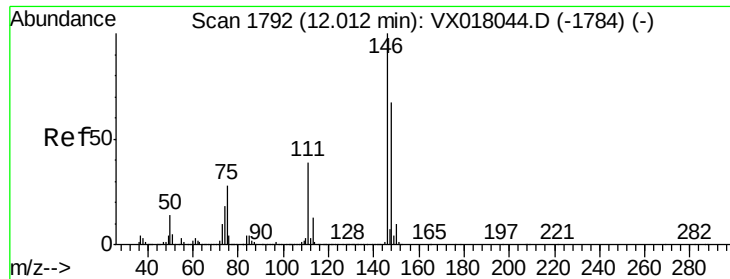
MMDadoda
 8/21/2020 11:23:11 AM



#86
 p-Isopropyltoluene
 Concen: 93.412 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.2	39.5
91	24.1	11.8	35.4





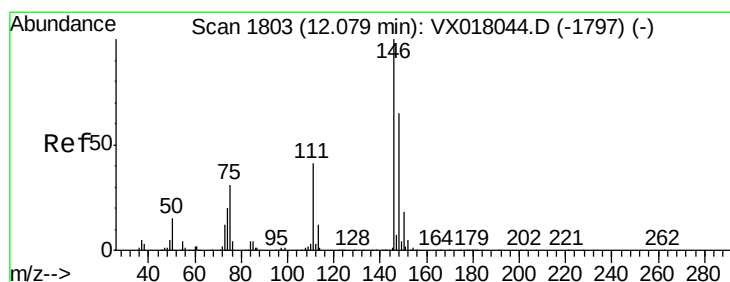
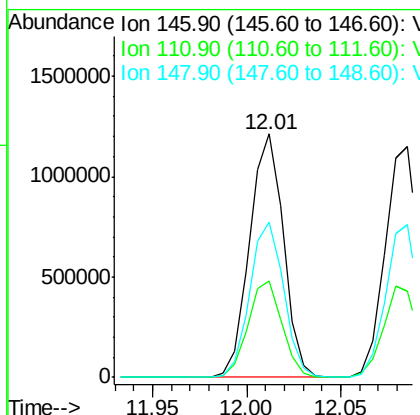
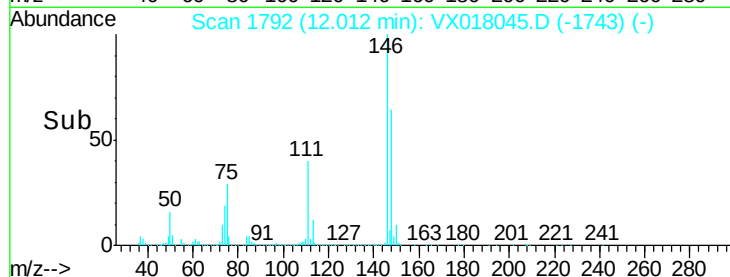
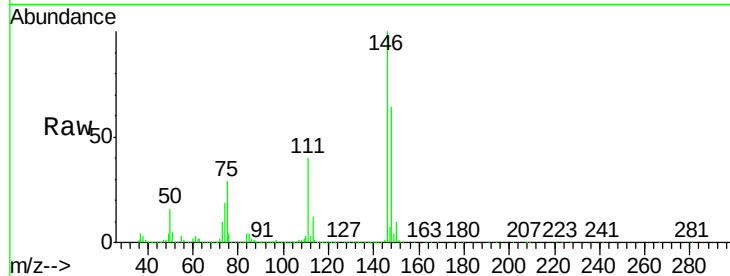
#87
 1,3-Dichlorobenzene
 Concen: 98.146 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.6	61.8
148	63.7	33.1	99.2

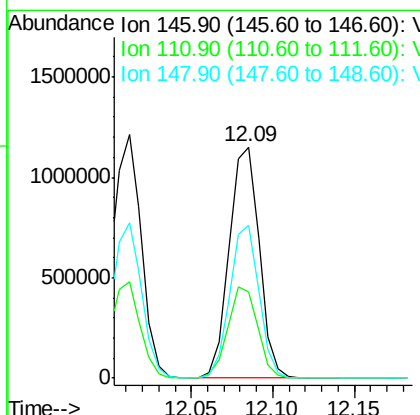
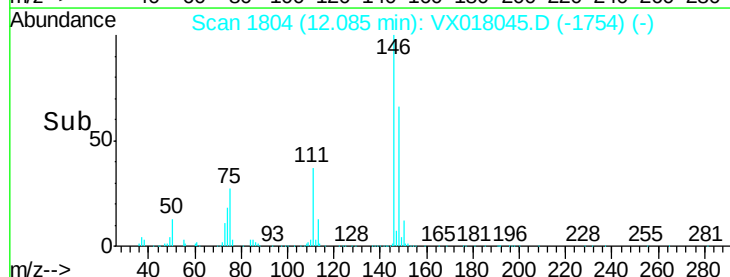
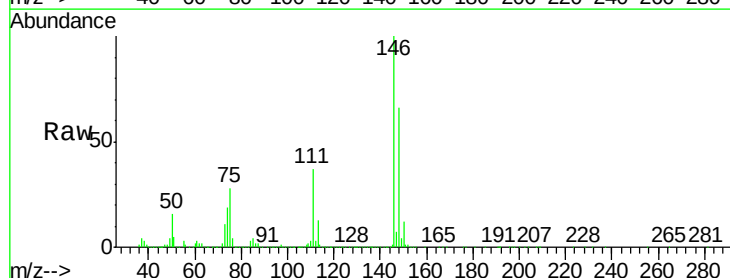
Manual Integrations
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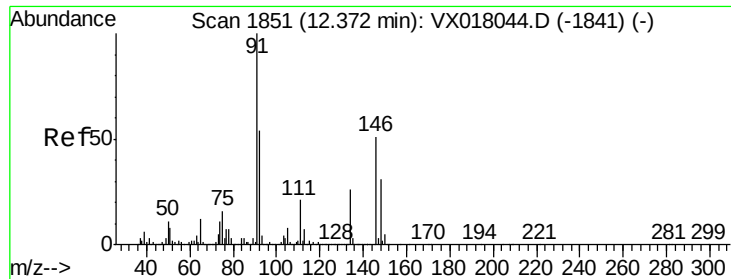
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#88
 1,4-Dichlorobenzene
 Concen: 94.166 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.8
148	64.4	33.1	99.2





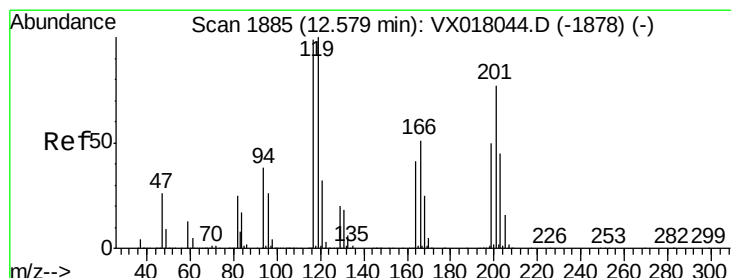
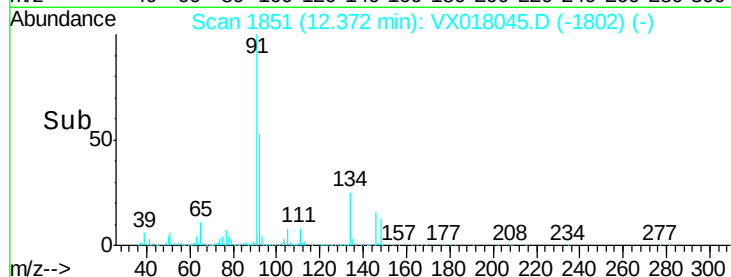
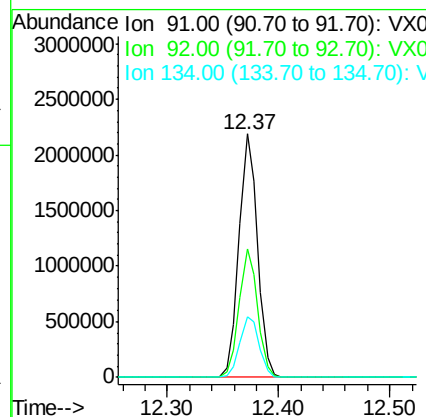
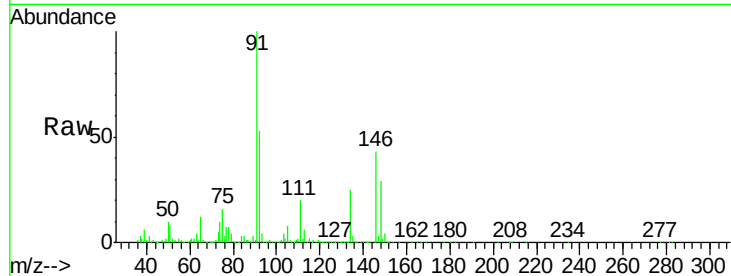
#89
n-Butylbenzene
Concen: 92.138 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	26.0	12.9	38.7

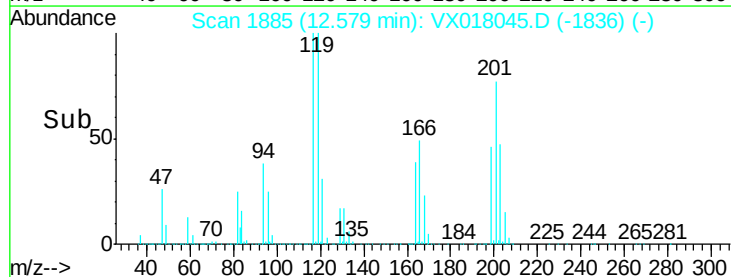
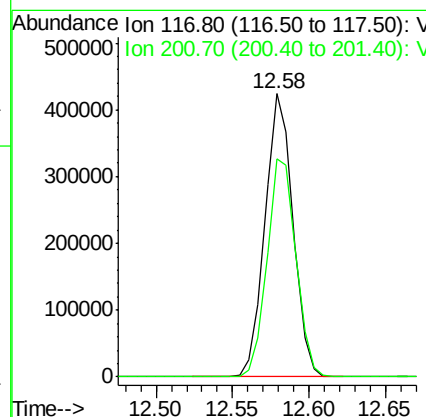
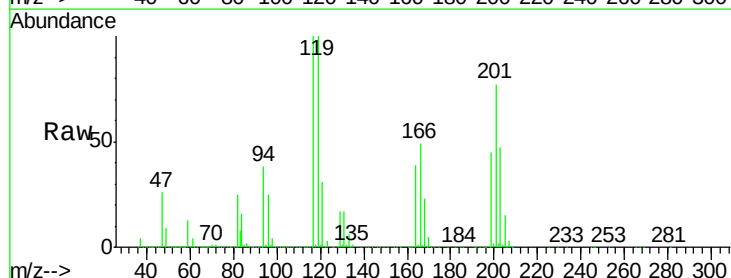
Manual Integrations
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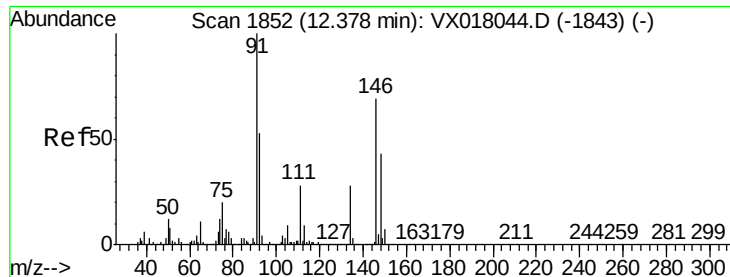
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#90
Hexachloroethane
Concen: 103.901 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.4	38.5	115.3





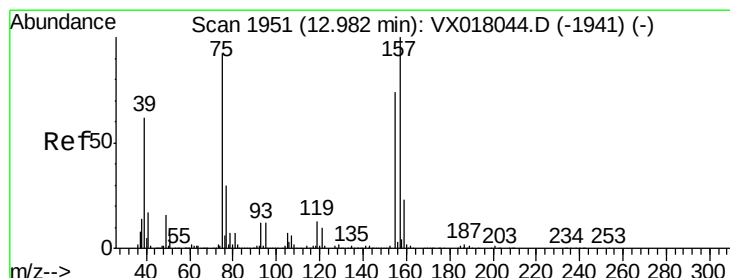
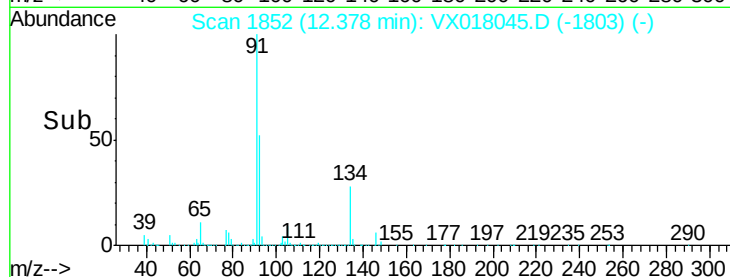
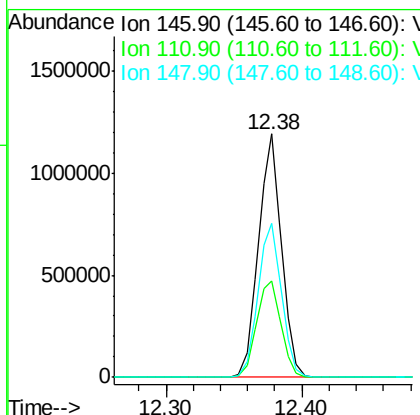
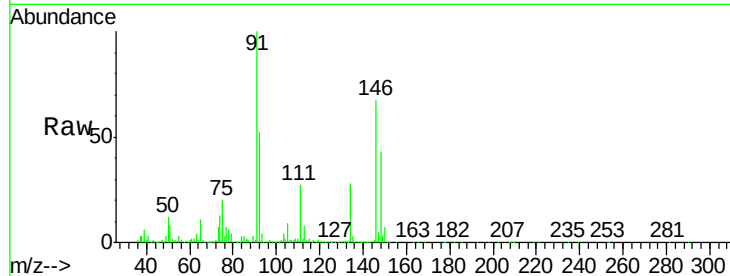
#91
 1,2-Dichlorobenzene
 Concen: 95.648 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.5
148	64.6	31.6	95.0

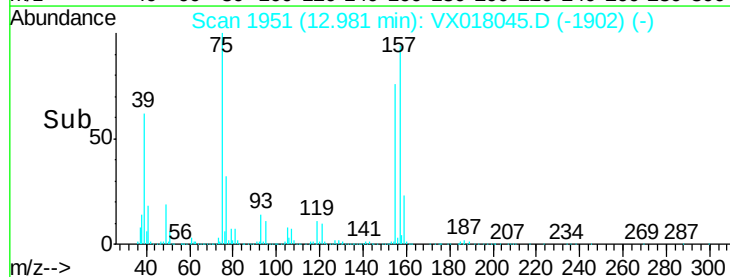
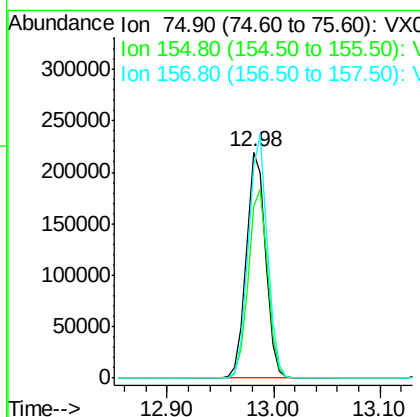
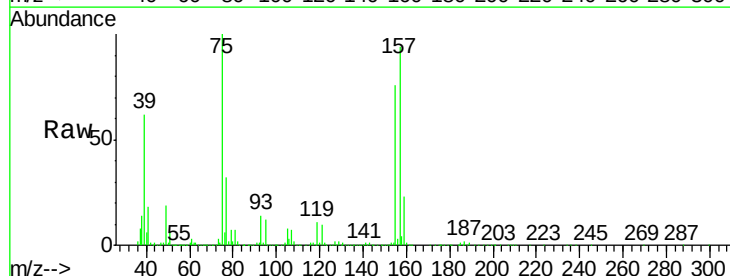
Manual Integrations
 APPROVED

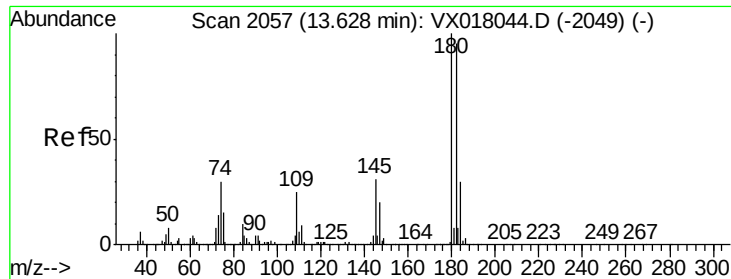
MMDadoda
 8/21/2020 11:23:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 102.258 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	40.2	120.6
157	105.9	55.0	165.2





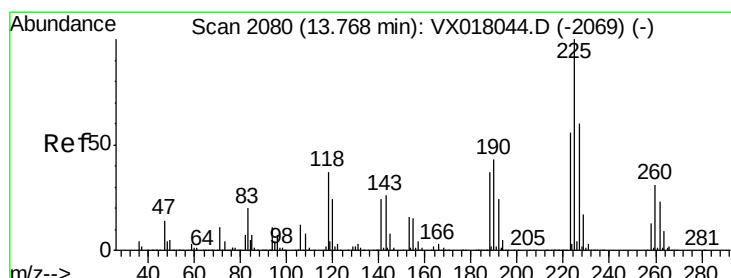
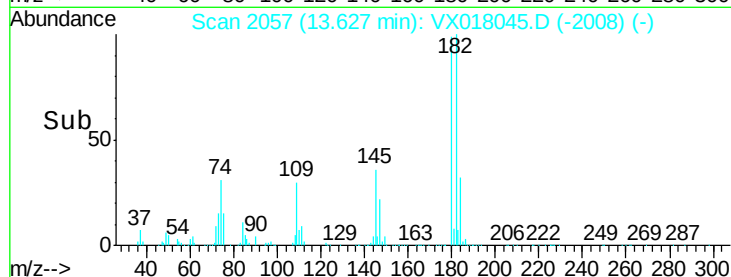
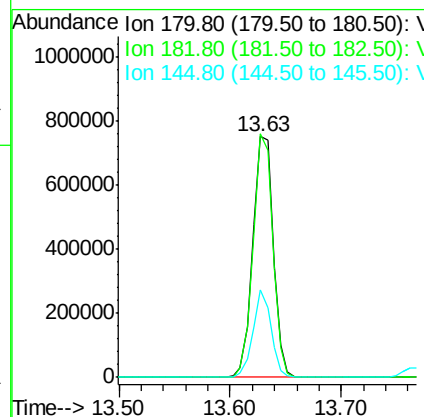
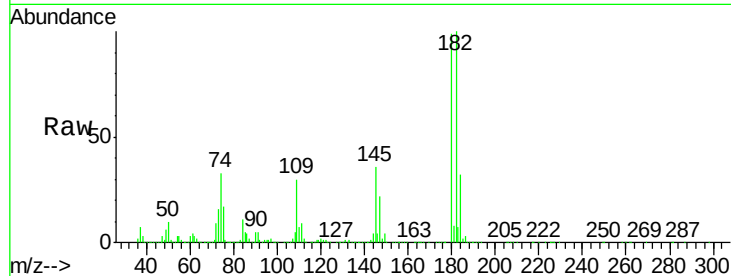
#93
 1,2,4-Trichlorobenzene
 Concen: 88.607 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	962379		
182	97.2	47.5	142.6	
145	32.2	15.7	47.1	

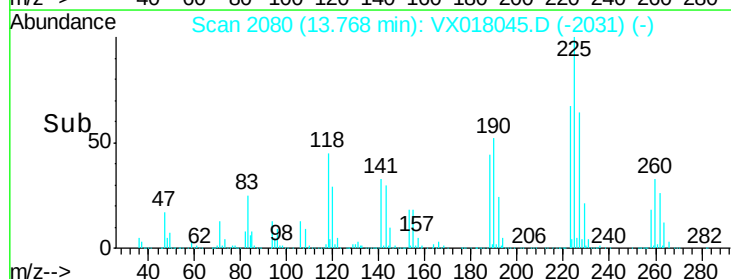
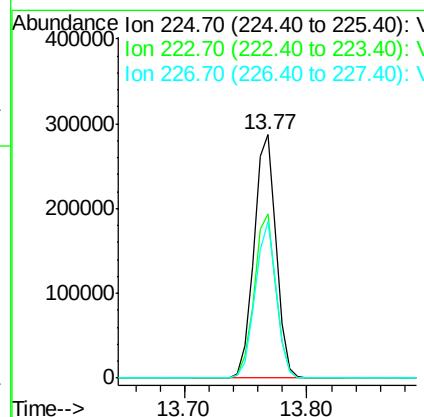
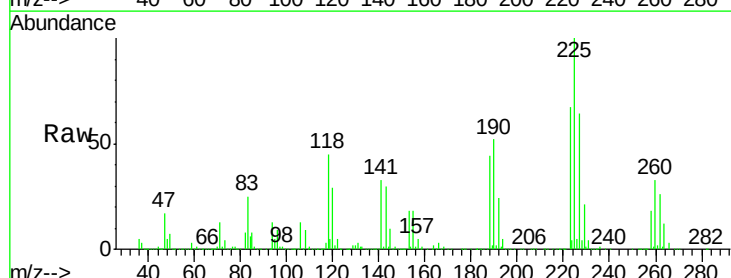
Manual Integrations
 APPROVED

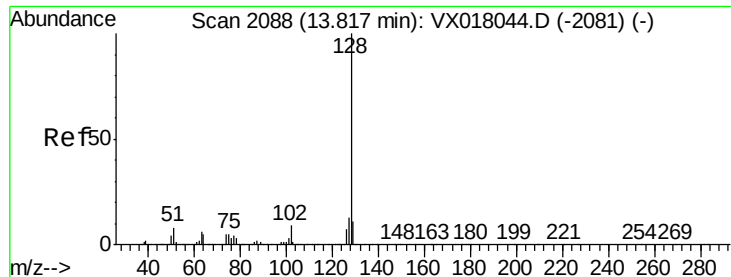
MMDadoda
 8/21/2020 11:23:11 AM



#94
 Hexachlorobutadiene
 Concen: 73.831 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	362486		
223	66.2	30.7	92.1	
227	62.1	32.6	97.8	





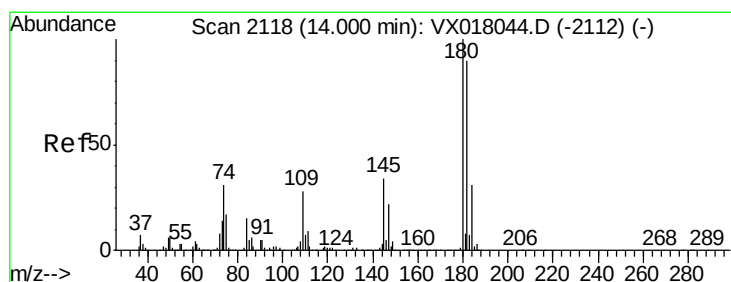
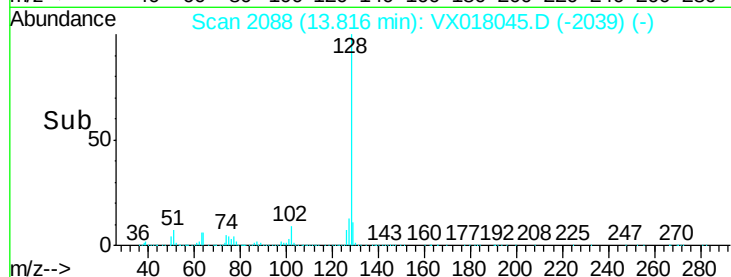
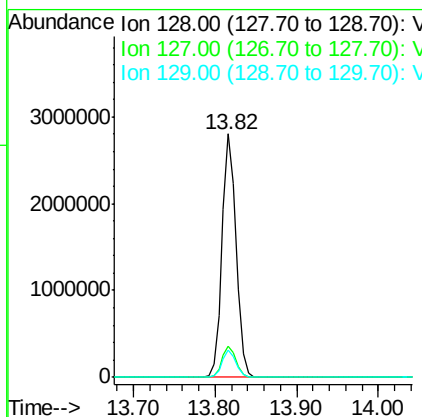
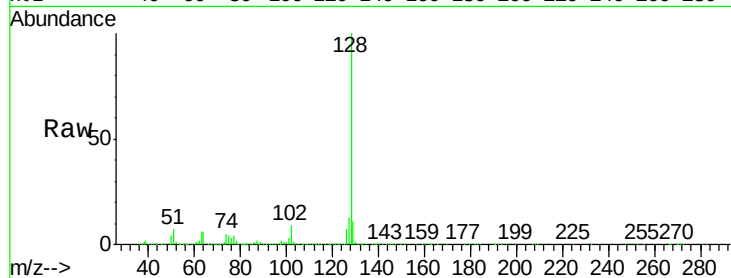
#95
Naphthalene
Concen: 95.931 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/21/2020 11:23:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 90.580 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	142.0
145	34.1	17.5	52.6

