

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018936.D
 Acq On : 15 Oct 2020 14:48
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
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 10/16/2020 2:11:34 PM

Quant Time: Oct 15 15:30:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 14:34:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	52596	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	287331	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	253403	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	99530	24.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	83.27%
60) 4-Bromofluorobenzene	11.12	95	119904	27.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.87%
63) Toluene-d8	8.70	98	332477	30.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	261547	96.286	ug/l 98
3) Chloromethane	1.31	50	280541	94.600	ug/l 100
4) Vinyl Chloride	1.39	62	360127	113.593	ug/l 100
5) Bromomethane	1.62	94	168193	79.817	ug/l 99
6) Chloroethane	1.70	64	245727	125.407	ug/l 97
7) Trichlorofluoromethane	1.91	101	560764	105.926	ug/l 100
8) Diethyl Ether	2.17	74	226633	130.260	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	310027	112.825	ug/l 100
10) 1,1-Dichloroethene	2.35	96	325597	119.587	ug/l 98
11) Methyl Iodide	2.49	142	428345	140.570	ug/l 97
12) Methyl Acetate	2.75	43	329510	96.864	ug/l 95
13) Acrolein	2.28	56	323036	974.970	ug/l 98
14) Acrylonitrile	3.12	53	758638	490.409	ug/l 99
15) Acetone	2.42	58	224386	502.760	ug/l 100
16) Carbon Disulfide	2.54	76	796965	104.081	ug/l 99
17) Allyl chloride	2.70	41	425429	92.477	ug/l 99
18) Methylene Chloride	2.83	84	319155	103.137	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	327797	110.332	ug/l 98
20) Diisopropyl ether	3.82	45	793927	88.555	ug/l 94
21) 1,1-Dichloroethane	3.67	63	536894	101.237	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	377382	114.953	ug/l 98
23) tert-Butyl Alcohol	3.03	59	403363	566.160	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	909967	98.119	ug/l 100
25) Chloroform	5.18	83	570288	100.821	ug/l 95
26) Cyclohexane	5.54	56	429080	99.477	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	436901	100.570	ug/l 99
30) 2-Butanone	4.64	43	1101268	472.615	ug/l 99
31) 2,2-Dichloropropane	4.55	77	510345	97.803	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	530732	95.026	ug/l 99
33) Carbon Tetrachloride	5.75	117	486053	93.799	ug/l 98
34) Benzene	6.11	78	1297445	104.481	ug/l 99
35) Methacrylonitrile	5.01	41	228060	92.662	ug/l 97
36) 1,2-Dichloroethane	6.16	62	428451	86.273	ug/l 99
37) Trichloroethene	7.19	130	383715	105.915	ug/l 97
38) Methylcyclohexane	7.44	83	497377	105.239	ug/l 98
39) 1,2-Dichloropropane	7.49	63	318173	97.312	ug/l 96
40) Dibromomethane	7.64	93	232376	97.941	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.87	83	472540	96.145	ug/l	99
42) Vinyl Acetate	3.79	43	3944261	456.608	ug/l	100
43) Ethyl Acetate	4.79	43	444495	95.780	ug/l	99
44) Isopropyl Acetate	6.42	43	724388	95.820	ug/l #	100
45) 1,4-Dioxane	7.71	88	156239	2338.057	ug/l	96
46) Methyl methacrylate	7.74	41	340209	91.601	ug/l	97
47) n-amyl Acetate	10.88	43	604849	90.590	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	537778	100.288	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	575087	102.214	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	331599	99.181	ug/l	98
51) Ethyl methacrylate	9.16	69	522711	105.642	ug/l	99
52) 1,3-Dichloropropane	9.35	76	542948	97.934	ug/l	100
53) Dibromochloromethane	9.57	129	395924	95.172	ug/l	100
54) 1,2-Dibromoethane	9.65	107	361920	98.262	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	1380960	536.331	ug/l	99
56) Bromoform	10.84	173	320249	101.114	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	2126174	500.813	ug/l	100
59) 2-Hexanone	9.48	43	1613027	498.029	ug/l	100
61) Tetrachloroethene	9.32	164	328748	105.412	ug/l	99
62) Toluene	8.77	91	1421208	111.178	ug/l	100
64) Chlorobenzene	10.12	112	896244	108.894	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	351360	106.049	ug/l	99
66) Ethyl Benzene	10.24	91	1571705	110.268	ug/l	97
67) m/p-Xylenes	10.34	106	1243715	227.983	ug/l	99
68) o-Xylene	10.68	106	583806	112.530	ug/l	100
69) Styrene	10.70	104	1021027	113.638	ug/l	99
70) Isopropylbenzene	11.00	105	1553901	108.888	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	494466	108.041	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	454857m	103.698	ug/l	
73) Bromobenzene	11.24	156	412696	106.983	ug/l	98
74) n-propylbenzene	11.34	91	1753986	104.979	ug/l	99
75) 2-Chlorotoluene	11.40	91	1031113	102.887	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1331193	107.824	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	200482	114.032	ug/l	98
78) 4-Chlorotoluene	11.49	91	1216068	101.987	ug/l	100
79) tert-butylbenzene	11.76	119	1325135	110.441	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1304642	107.031	ug/l	99
81) sec-Butylbenzene	11.93	105	1535388	109.746	ug/l	100
82) p-Isopropyltoluene	12.05	119	1418263	108.646	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	731124	106.807	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	740300	108.121	ug/l	99
85) n-Butylbenzene	12.37	91	1289776	111.954	ug/l	99
86) Hexachloroethane	12.58	117	243546	97.246	ug/l	92
87) 1,2-Dichlorobenzene	12.37	146	708373	109.625	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	121557	103.750	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	538552	121.393	ug/l	99
90) Hexachlorobutadiene	13.76	225	221504	119.523	ug/l	98
91) Naphthalene	13.82	128	1739341	124.080	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	523305	119.341	ug/l	99

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VSTDICC100

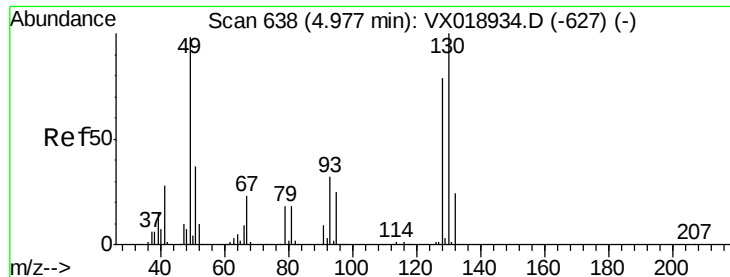
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



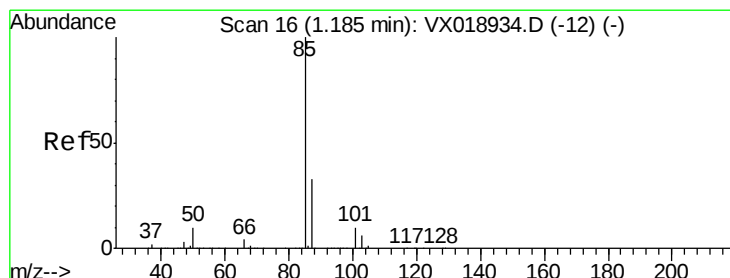
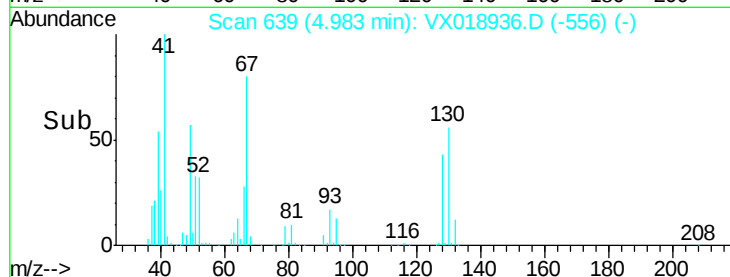
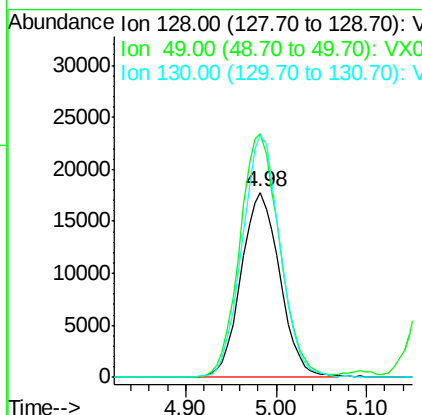
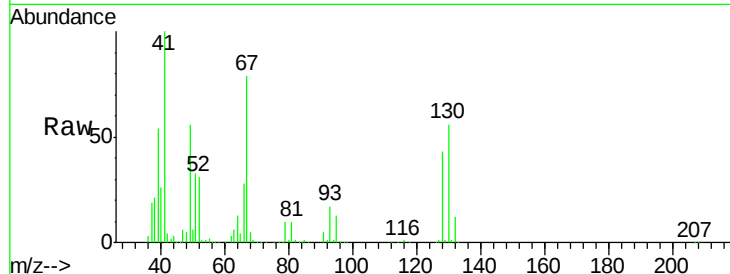
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	135.5	0.0	330.5
130	128.9	0.0	323.8

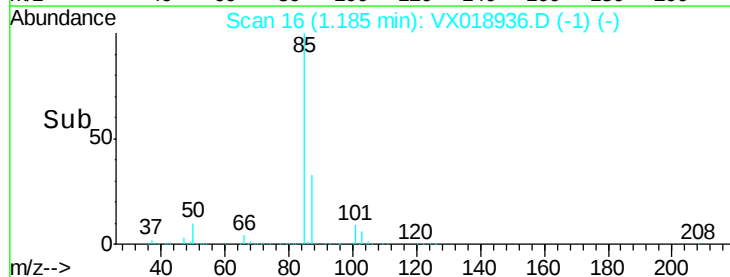
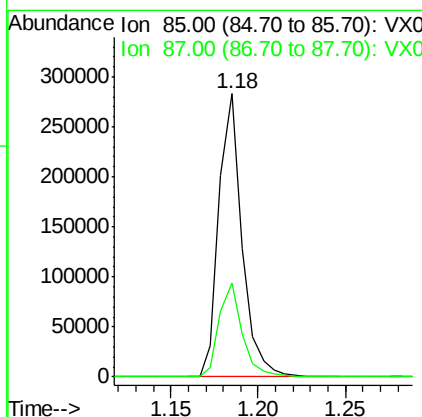
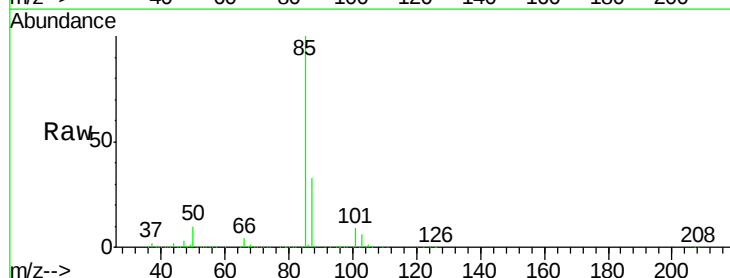
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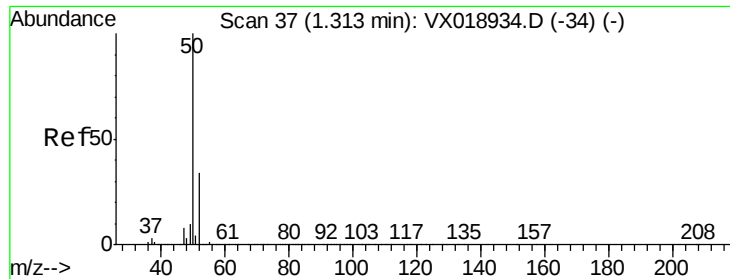
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#2
Dichlorodifluoromethane
Concen: 96.286 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.3	48.8





#3

Chloromethane

Concen: 94.600 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 280541

Ion Ratio Lower Upper

50 100

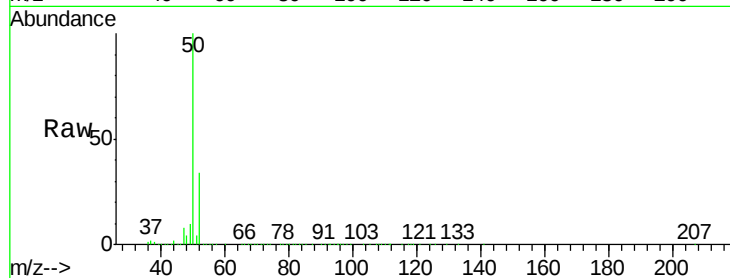
52 33.6 27.0 40.4

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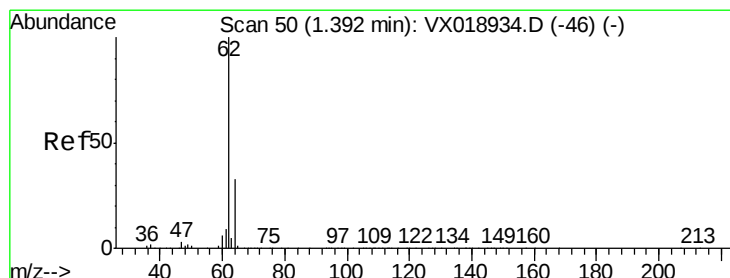
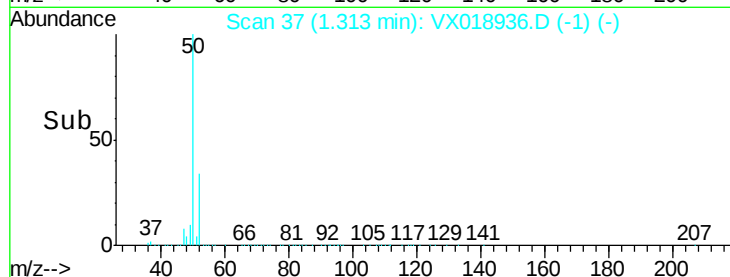
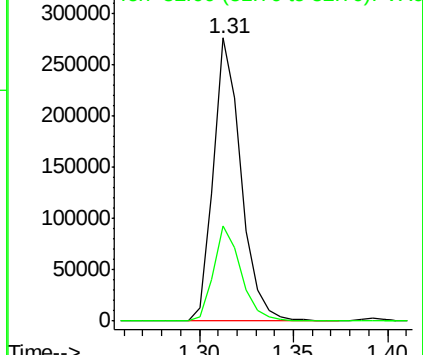
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 113.593 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018936.D

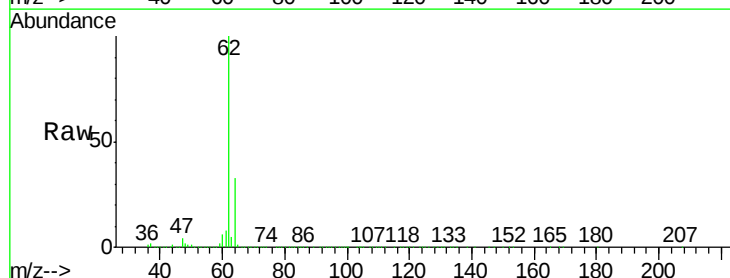
Acq: 15 Oct 2020 14:48

Tgt Ion: 62 Resp: 360127

Ion Ratio Lower Upper

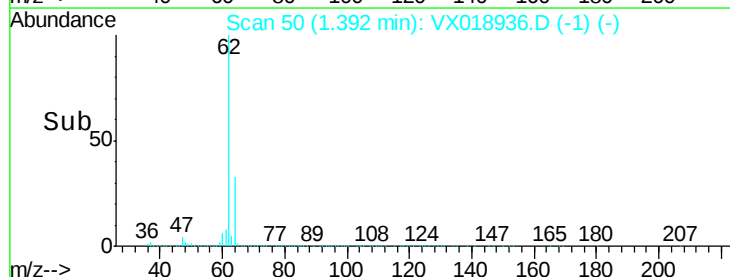
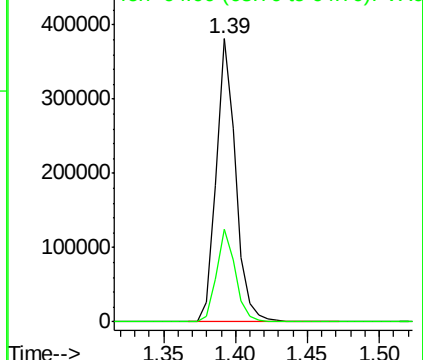
62 100

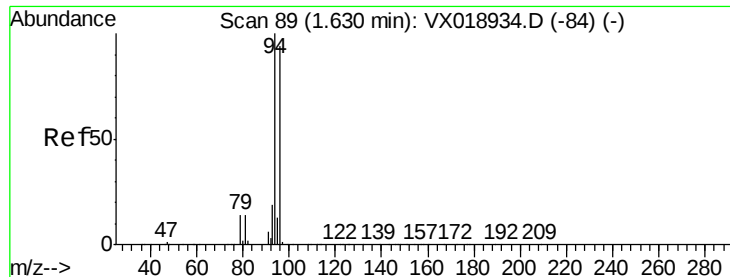
64 32.6 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 79.817 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 168193

Ion Ratio Lower Upper

94 100

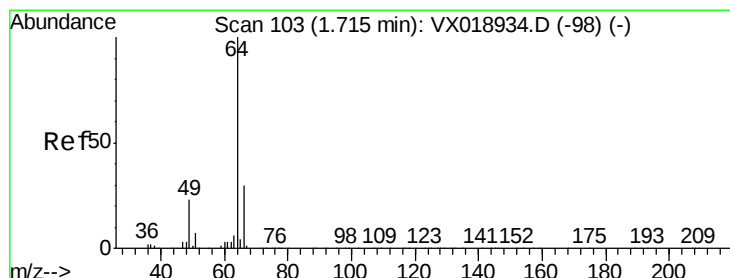
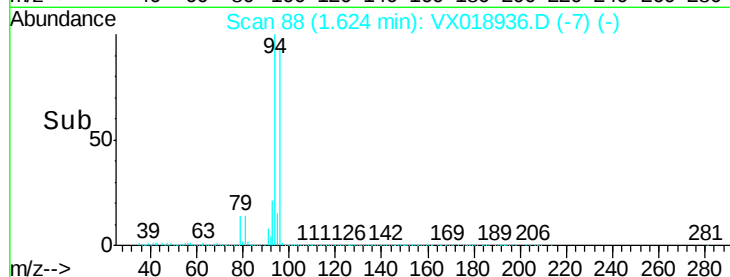
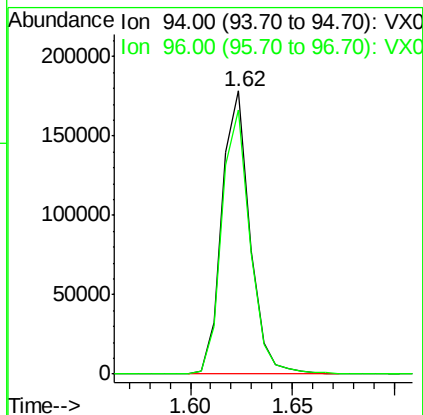
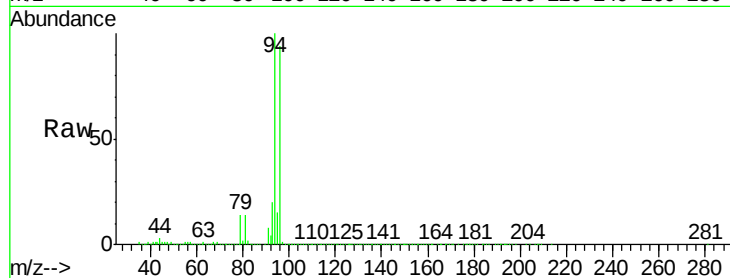
96 93.5 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 125.407 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018936.D

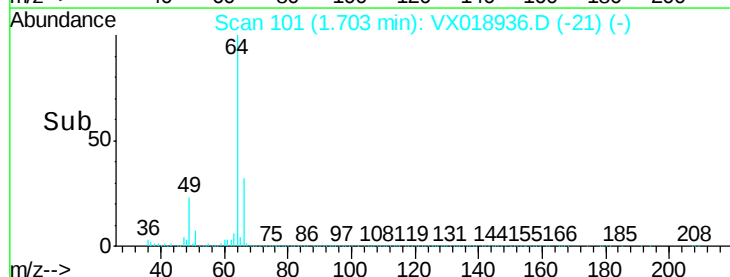
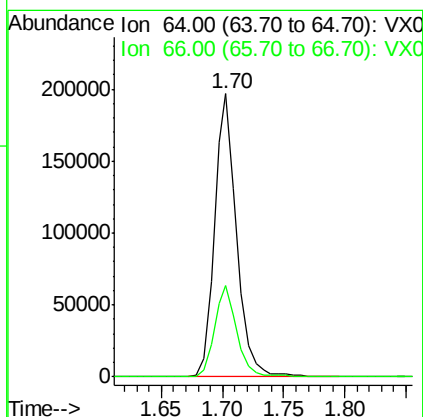
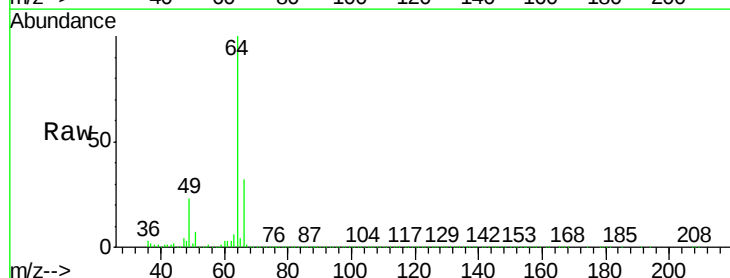
Acq: 15 Oct 2020 14:48

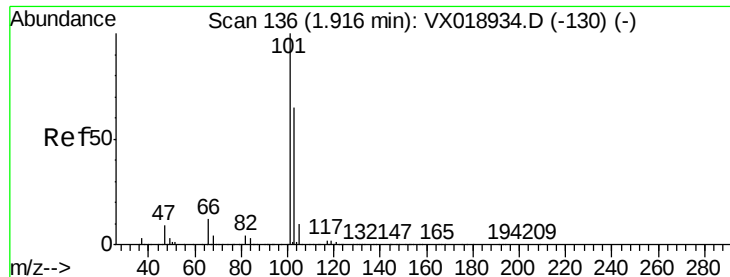
Tgt Ion: 64 Resp: 245727

Ion Ratio Lower Upper

64 100

66 32.2 24.5 36.7





#7

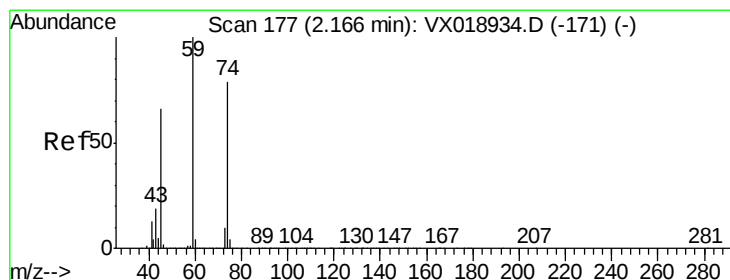
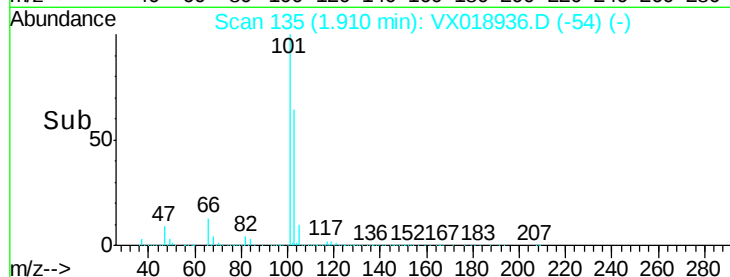
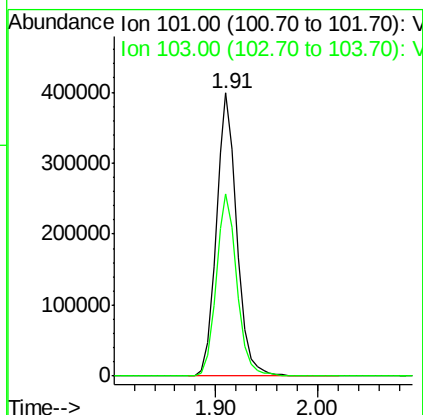
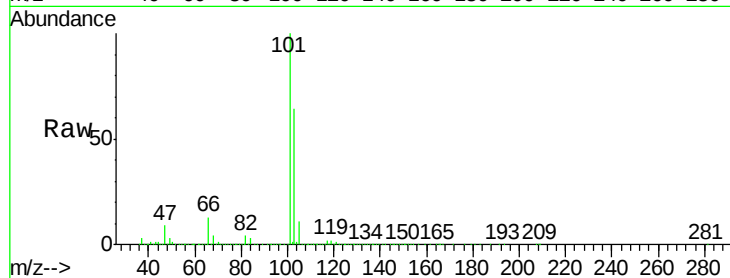
Trichlorofluoromethane
Concen: 105.926 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.6

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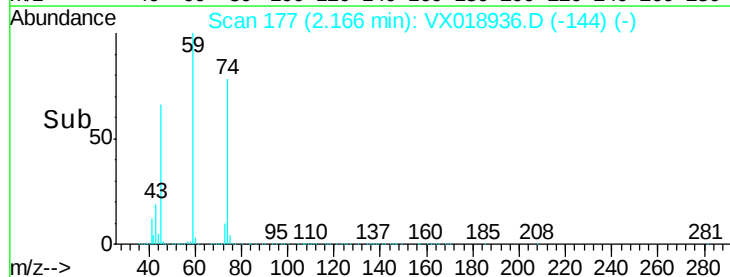
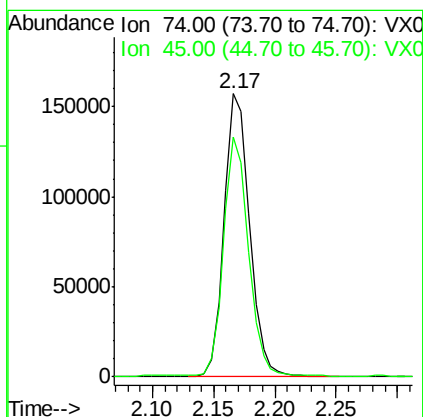
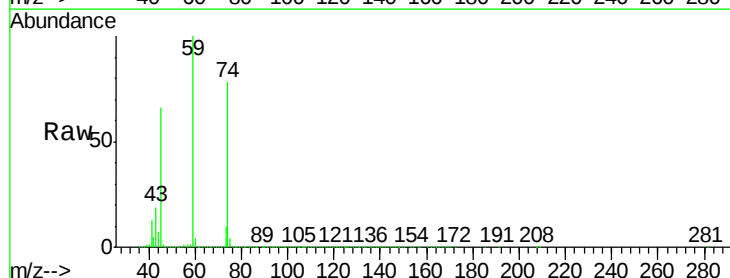
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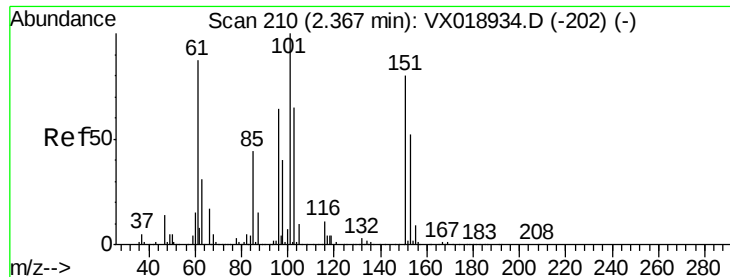


#8

Diethyl Ether
Concen: 130.260 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.8	16.6	149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 112.825 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

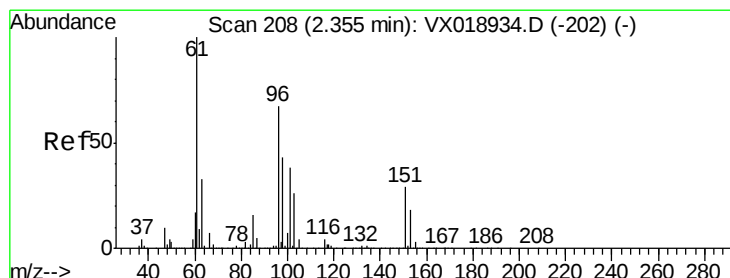
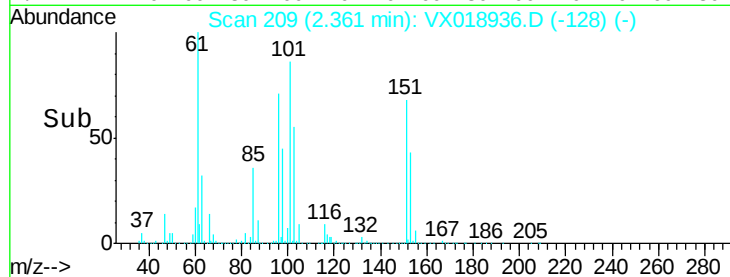
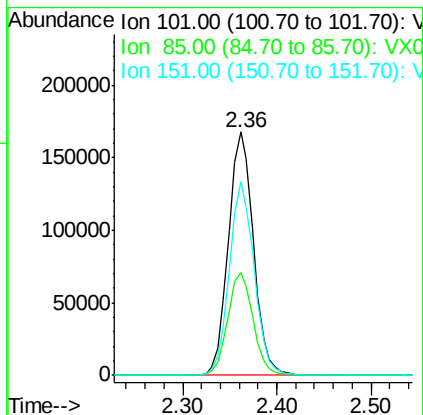
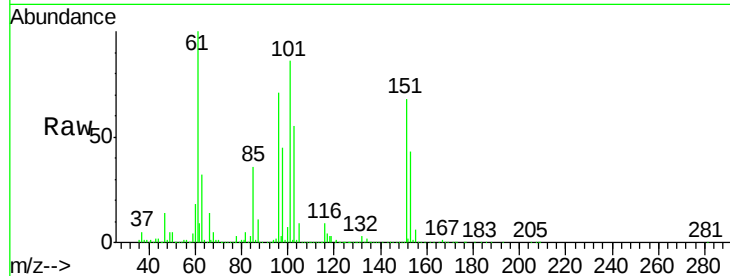
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	310027
Ion Ratio	Lower	Upper	
101	100		
85	42.5	0.0	85.4
151	79.0	0.0	157.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 119.587 ug/l

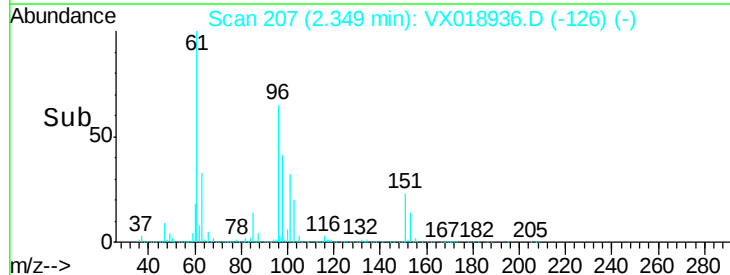
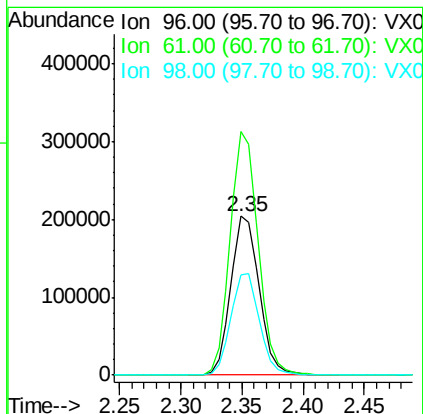
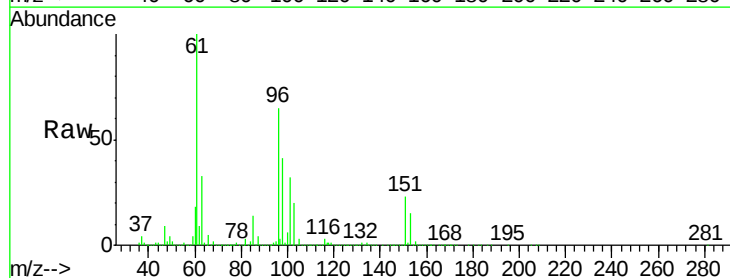
RT: 2.35 min Scan# 207

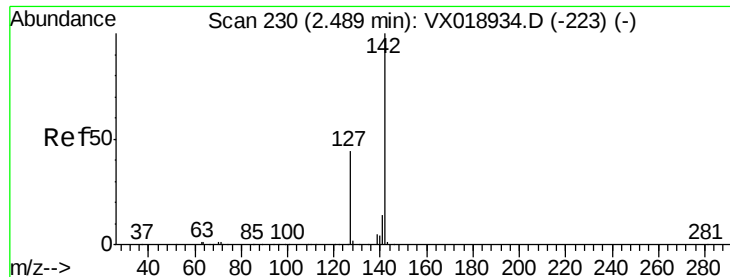
Delta R.T. -0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion:	96	Resp:	325597
Ion Ratio	Lower	Upper	
96	100		
61	153.4	120.2	180.4
98	63.1	51.4	77.0





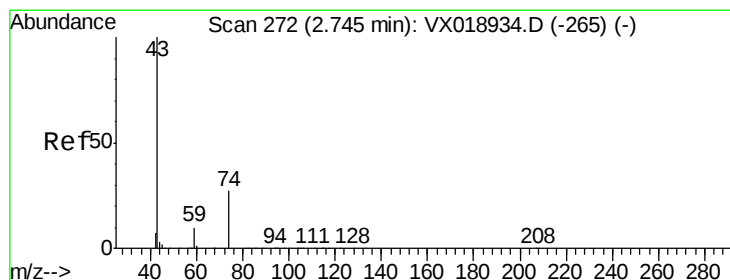
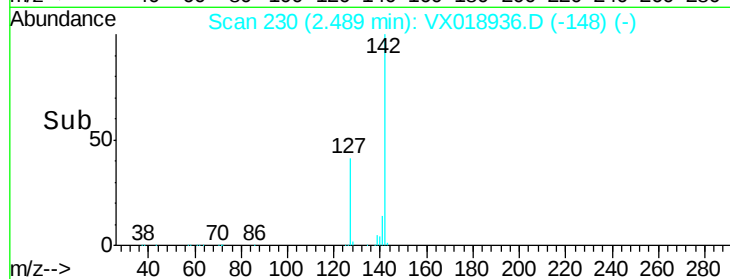
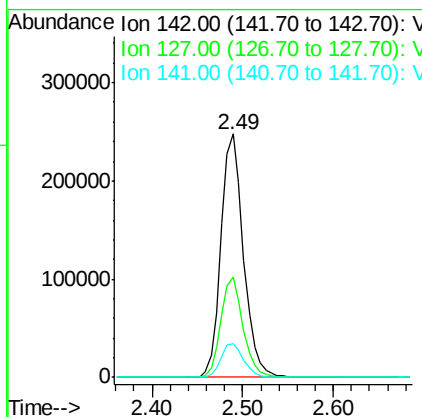
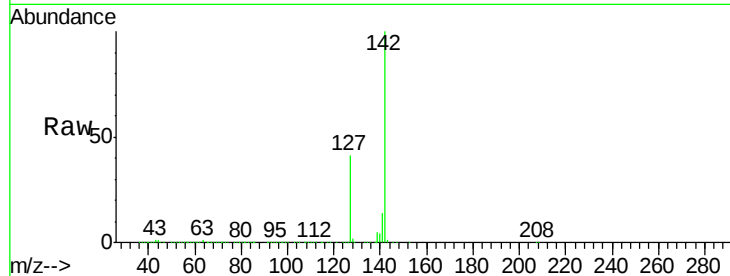
#11
Methvl Iodide
Concen: 140.570 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.4	22.1	66.1
141	13.8	7.0	21.1

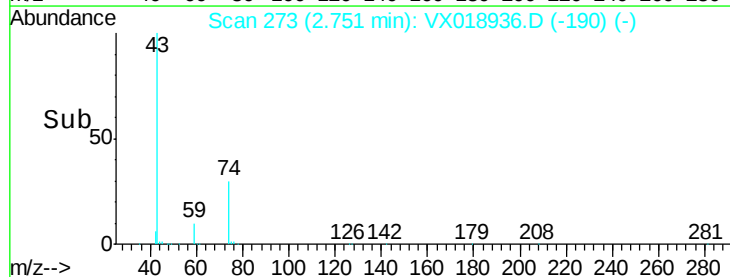
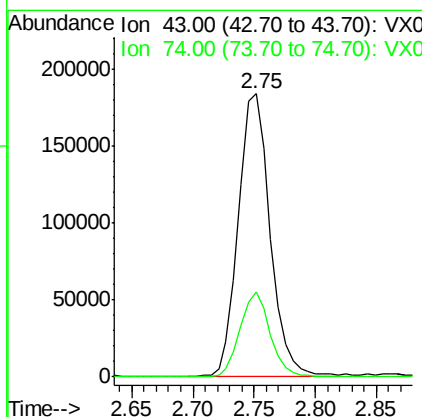
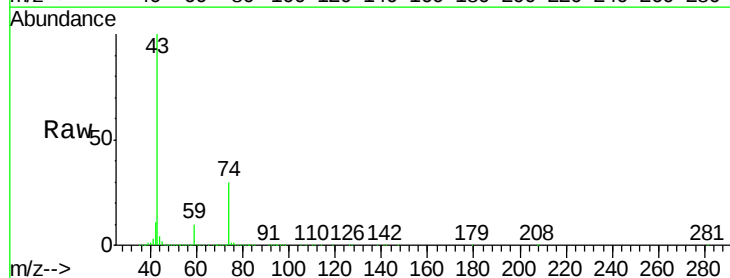
Manual Integrations
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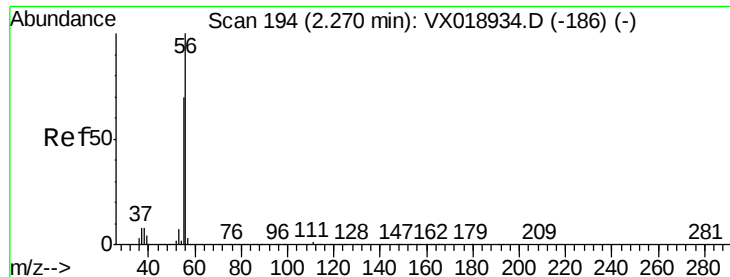
apatel
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#12
Methyl Acetate
Concen: 96.864 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.8	21.6	32.4





#13

Acrolein

Concen: 974.970 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 323036

Ion Ratio Lower Upper

56 100

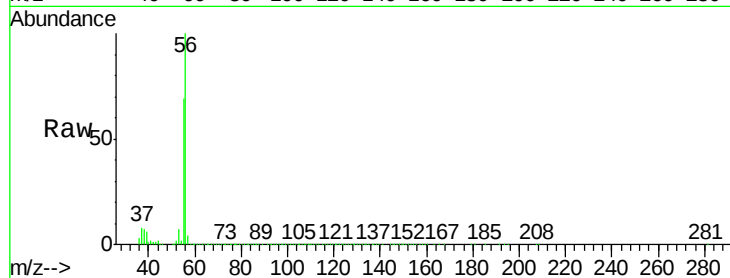
55 69.9 57.1 85.7

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200000

150000

100000

50000

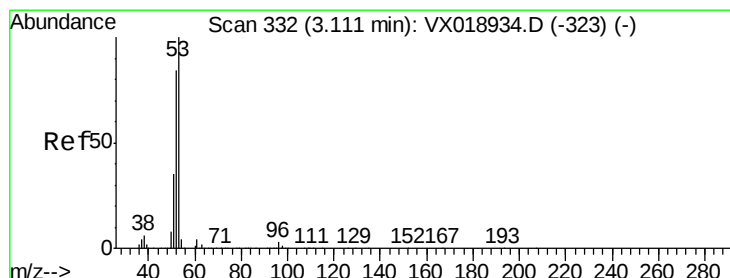
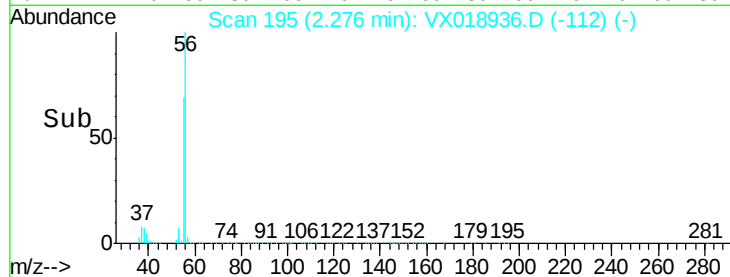
0

2.20

2.30

2.40

Time-->



#14

Acrylonitrile

Concen: 490.409 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

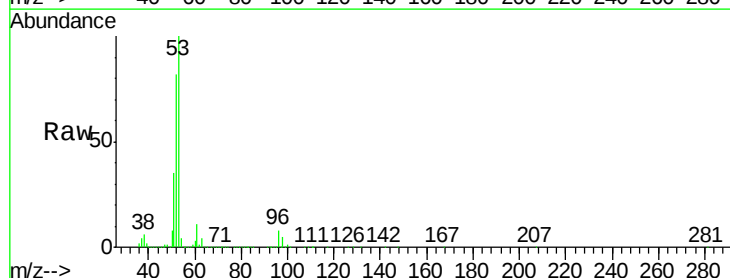
Tgt Ion: 53 Resp: 758638

Ion Ratio Lower Upper

53 100

52 82.2 40.3 120.8

51 35.1 17.6 52.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

500000

400000

300000

200000

100000

0

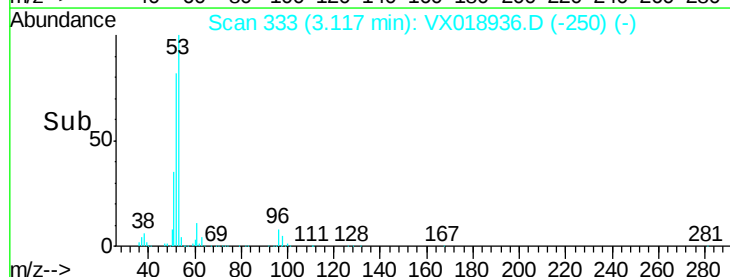
3.00

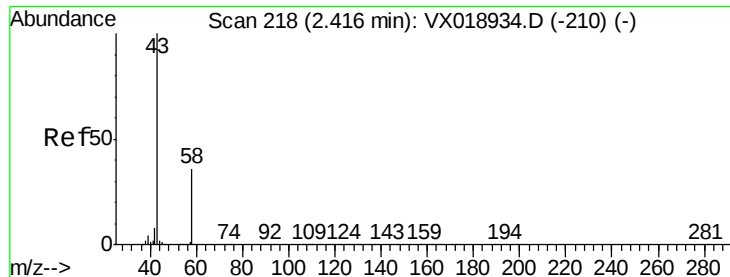
3.10

3.20

3.30

Time-->





#15

Acetone

Concen: 502.760 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tot Ion: 58 Resp: 224386

Ion Ratio Lower Upper

58 100

43 280.0 223.8 335.8

Instrument :

MSVOA_X

ClientSampleId :

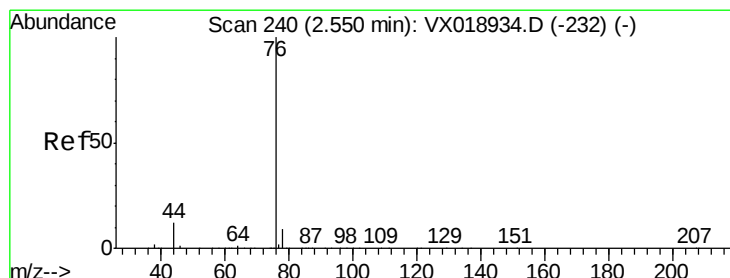
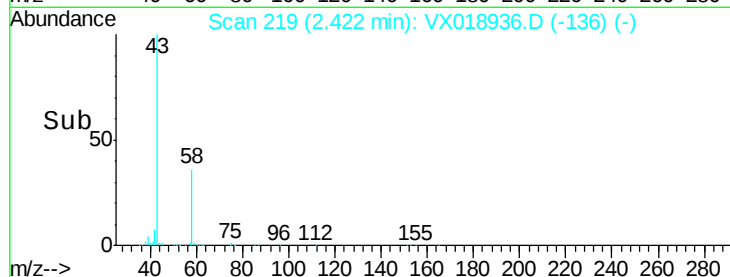
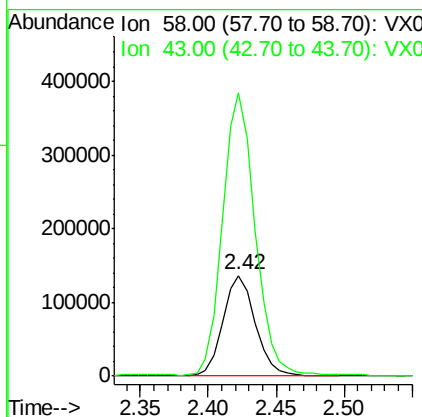
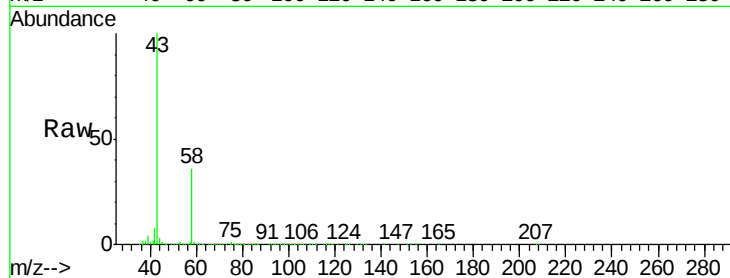
VSTDIC100

Manual Integrations

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#16

Carbon Disulfide

Concen: 104.081 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018936.D

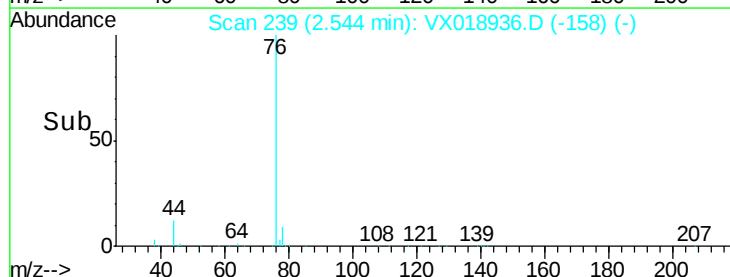
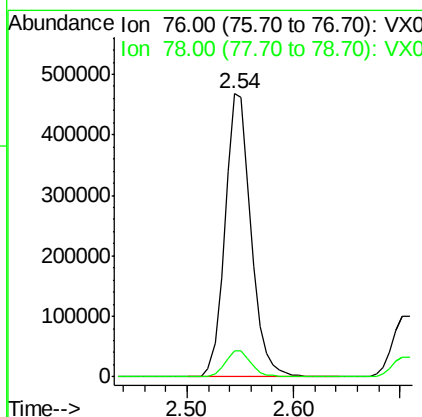
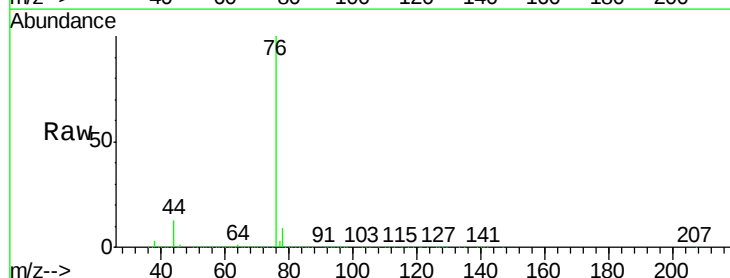
Acq: 15 Oct 2020 14:48

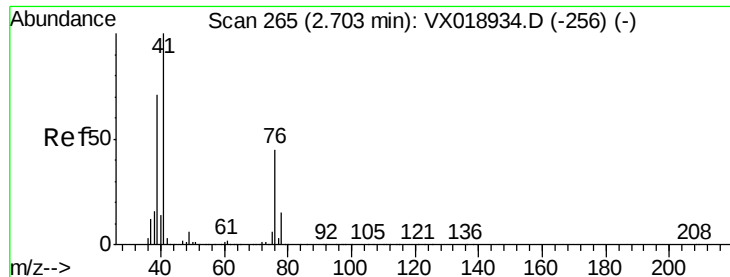
Tgt Ion: 76 Resp: 796965

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





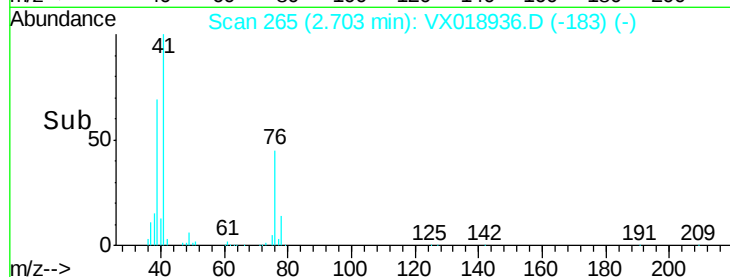
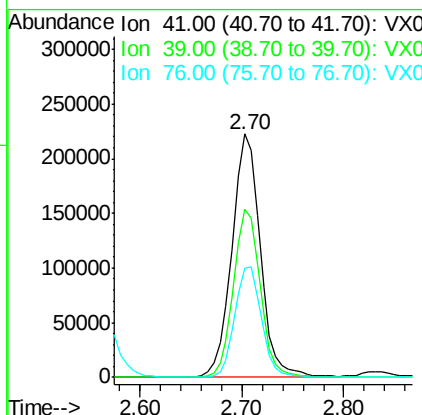
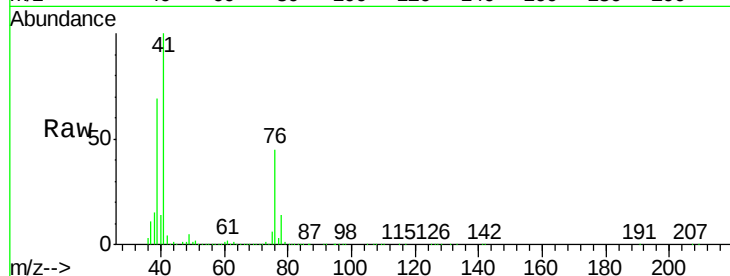
#17
Allvl chloride
Concen: 92.477 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.2	35.4	106.3
76	45.1	22.4	67.2

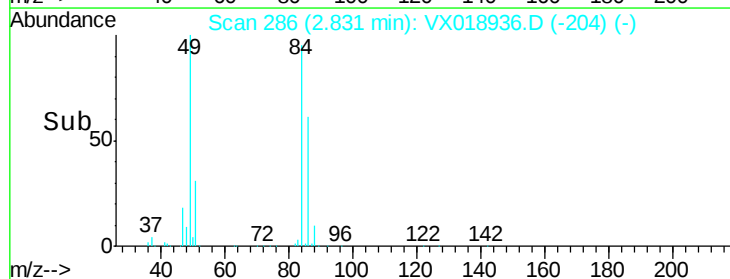
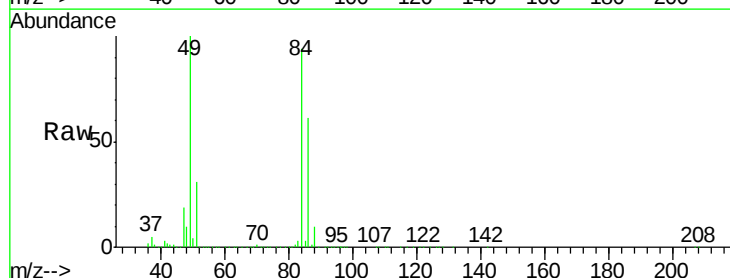
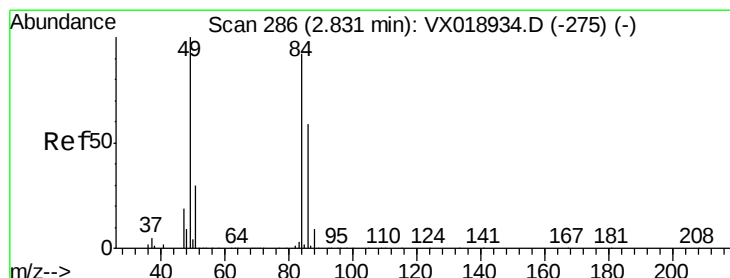
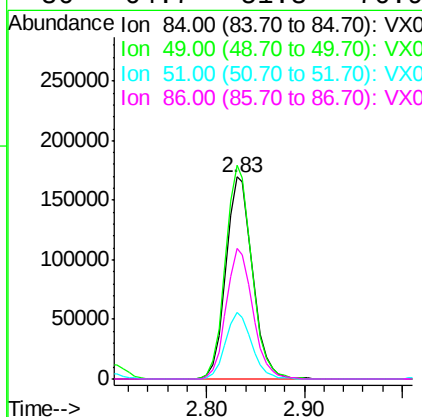
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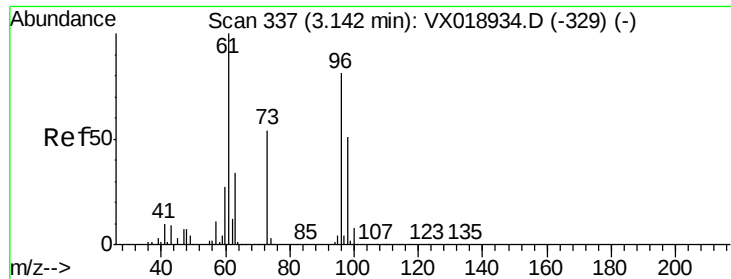
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#18
Methylene Chloride
Concen: 103.137 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.0	87.2	130.8
51	33.1	25.9	38.9
86	64.7	51.3	76.9





#19

trans-1,2-Dichloroethene

Concen: 110.332 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

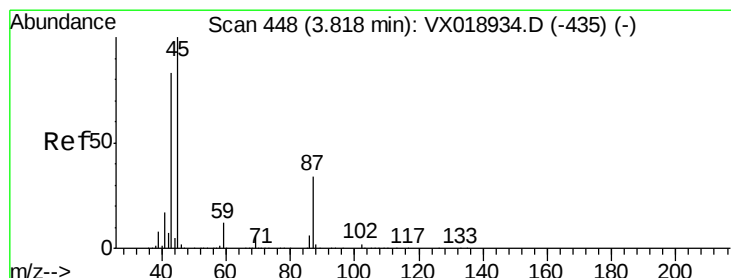
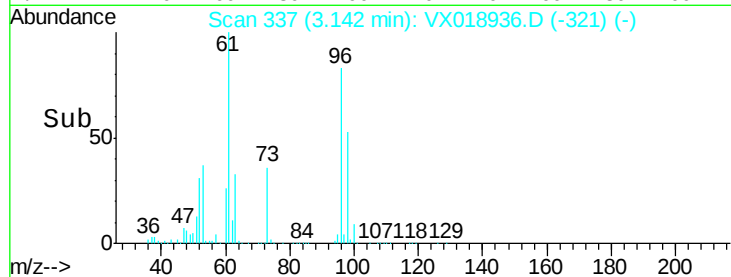
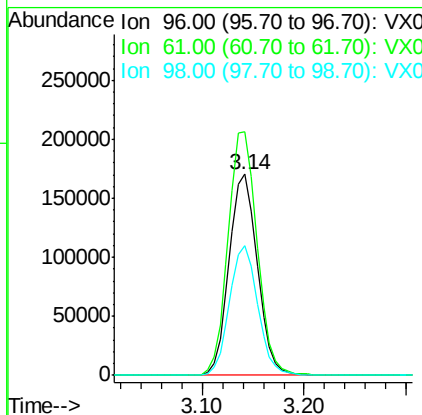
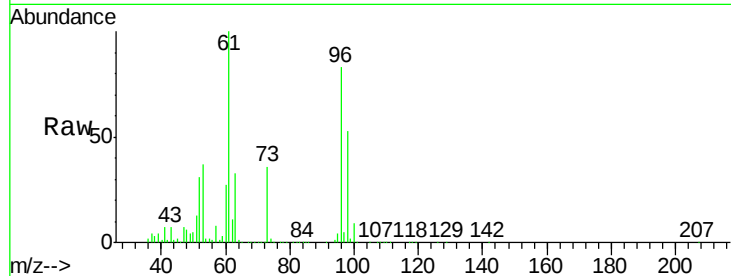
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	327797
Ion	Ratio	Lower	Upper
96	100		
61	121.1	98.6	147.8
98	64.6	50.3	75.5

Manual Integrations
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#20

Diisopropyl ether

Concen: 88.555 ug/l

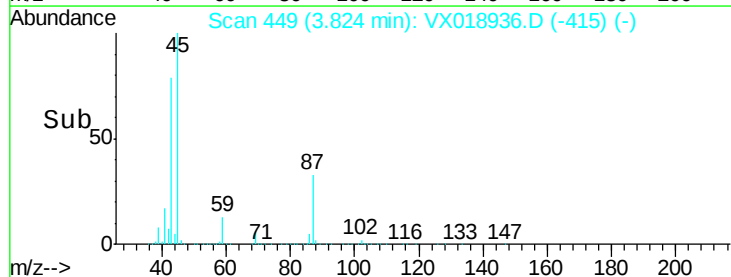
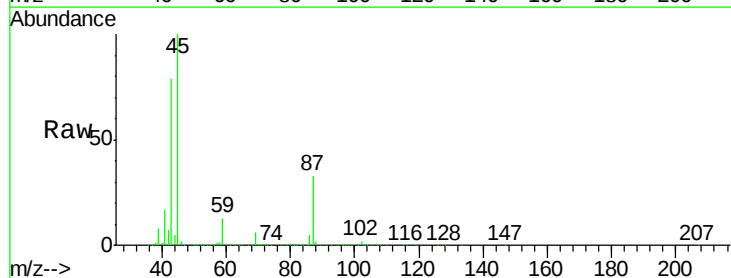
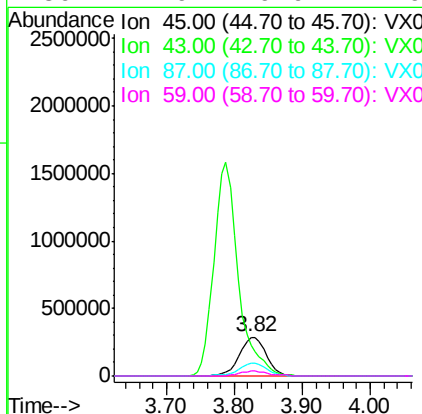
RT: 3.82 min Scan# 449

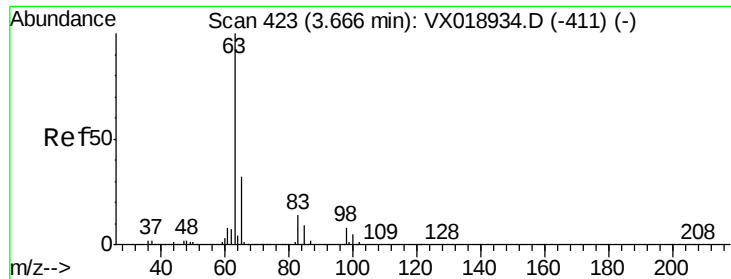
Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion:	45	Resp:	793927
Ion	Ratio	Lower	Upper
45	100		
43	78.8	69.7	104.5
87	33.5	26.9	40.3
59	12.9	9.9	14.9





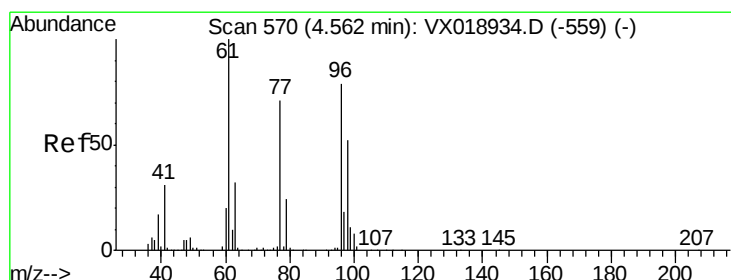
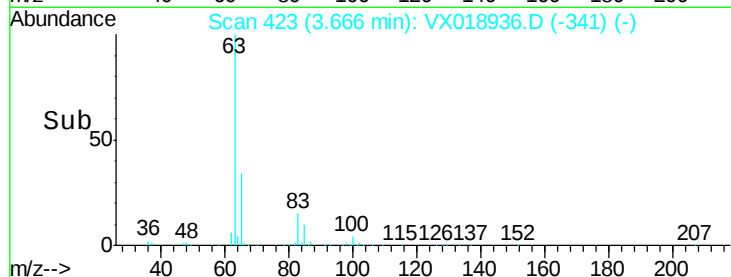
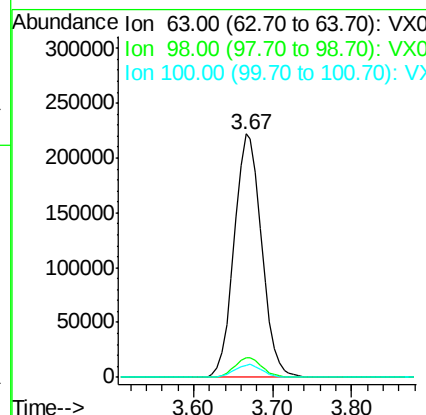
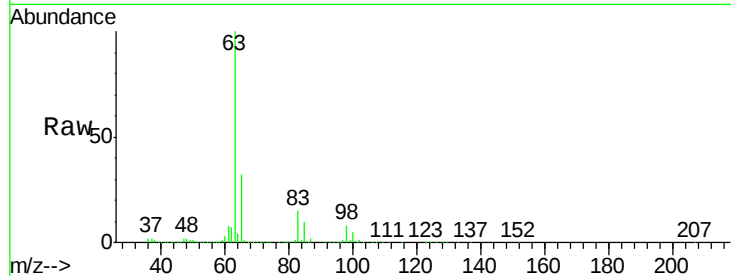
#21
 1,1-Dichloroethane
 Concen: 101.237 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	63	Resp:	536894
Ion Ratio	Lower	Upper	
63	100		
98	7.9	4.0	11.9
100	5.1	2.5	7.6

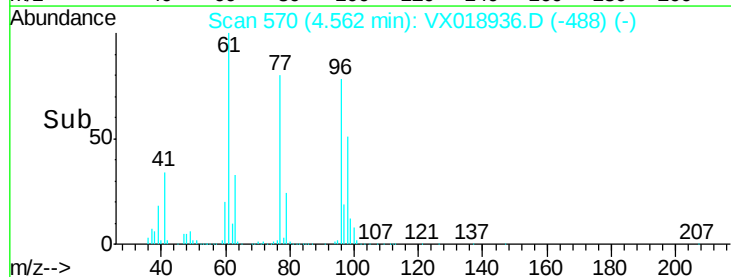
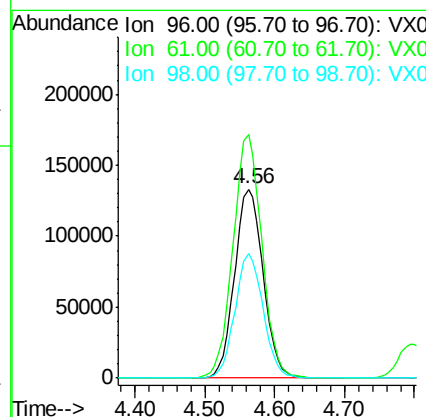
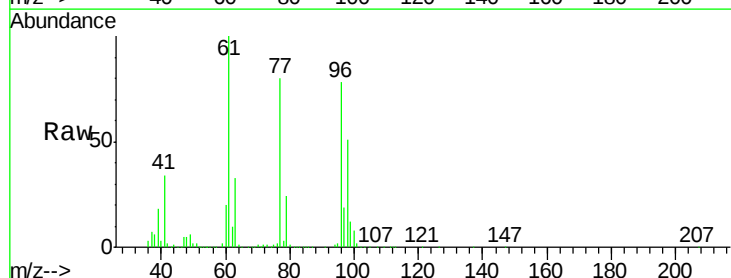
Manual Integrations
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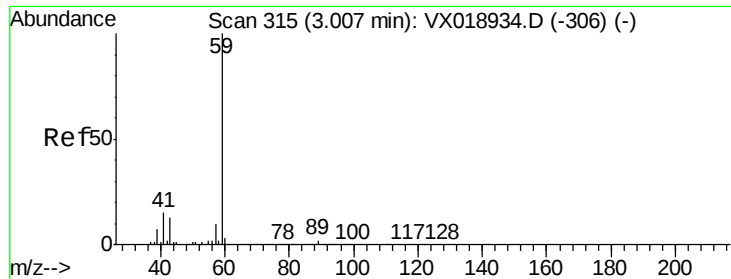
apatel
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#22
 cis-1,2-Dichloroethene
 Concen: 114.953 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion:	96	Resp:	377382
Ion Ratio	Lower	Upper	
96	100		
61	130.5	107.7	161.5
98	64.6	51.9	77.9





#23

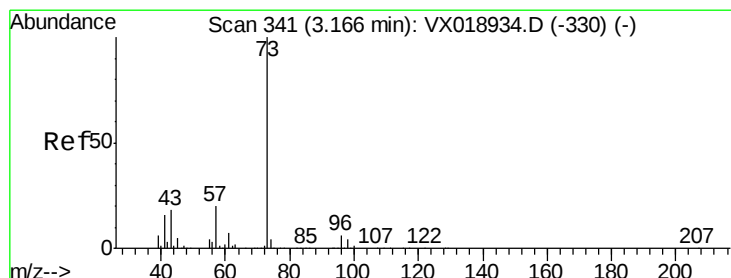
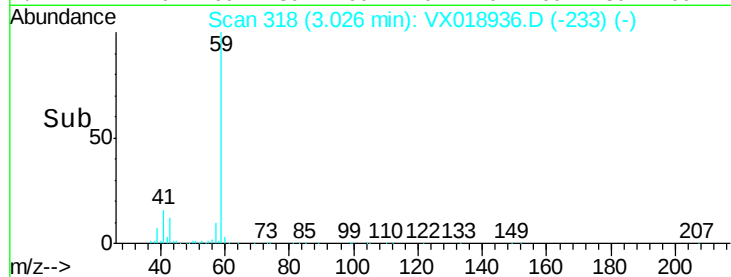
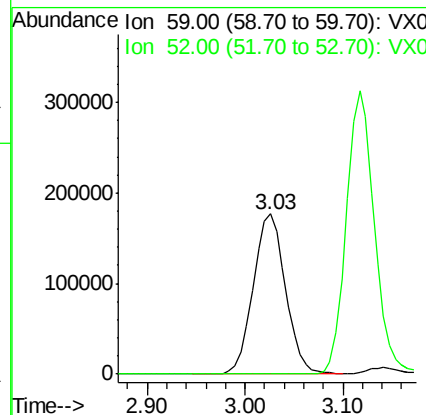
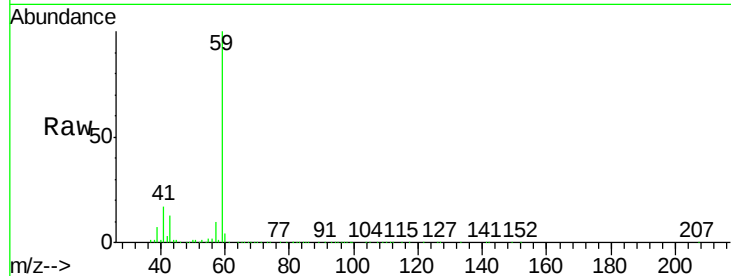
tert-Butyl Alcohol
Concen: 566.160 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

Manual Integrations
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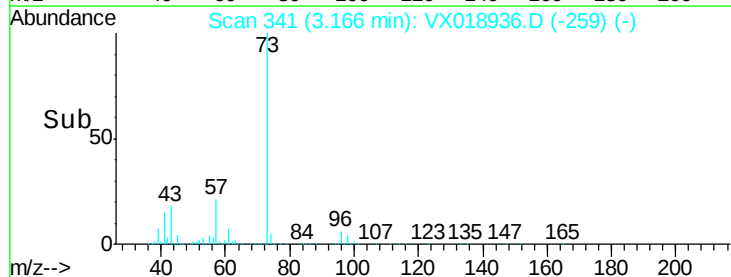
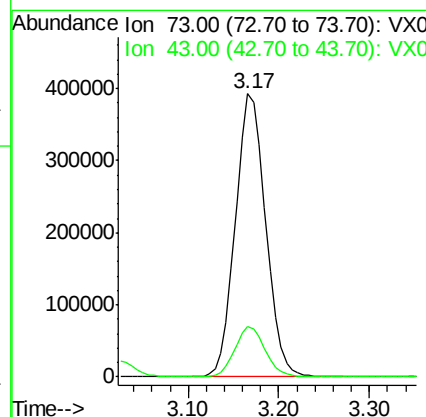
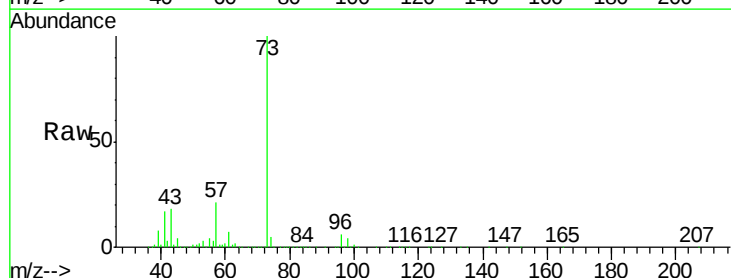
apatel
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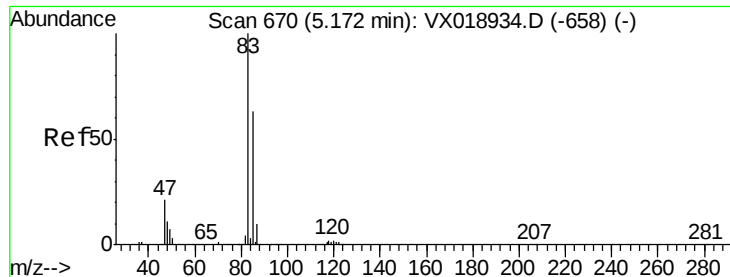


#24

Methyl tert-Butyl Ether
Concen: 98.119 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
73	100		
43	17.3	13.8	20.8





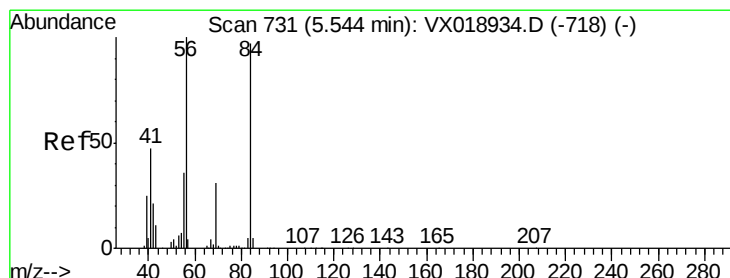
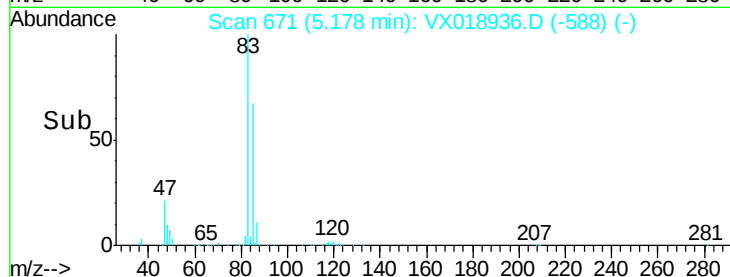
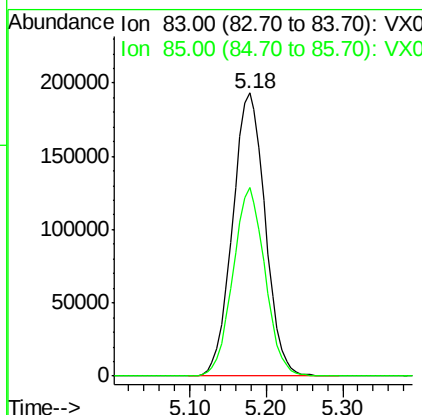
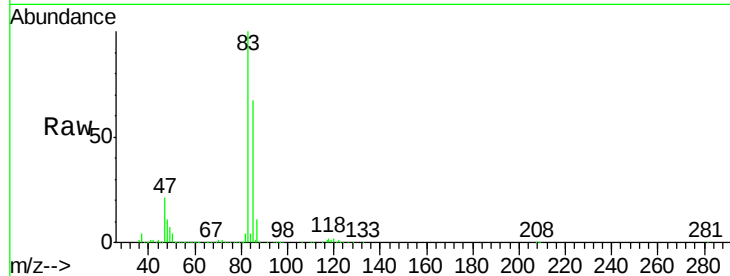
#25
Chloroform
Concen: 100.821 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.3	75.5

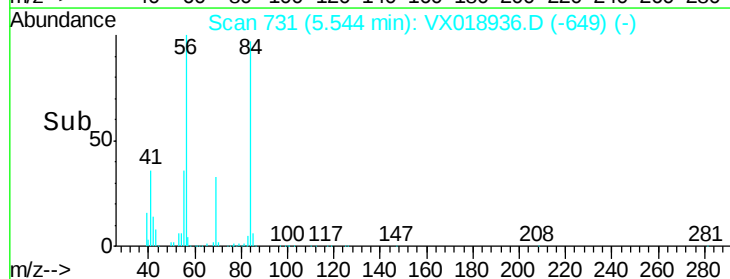
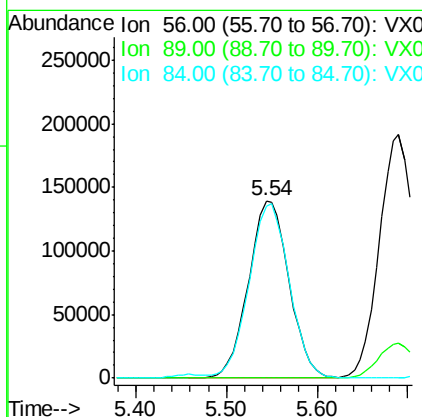
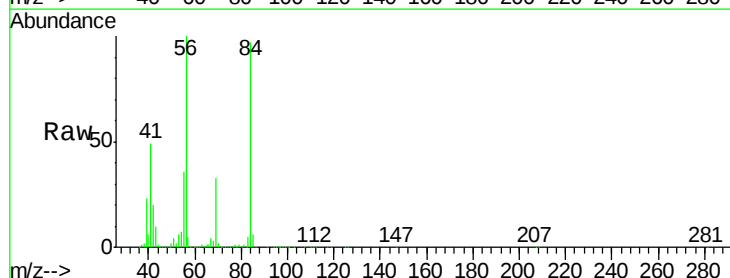
Manual Integrations
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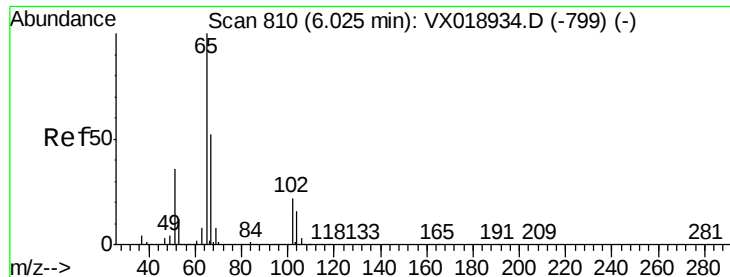
apatel
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#26
Cyclohexane
Concen: 99.477 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	98.1	78.0	117.0





#27

1,2-Dichloroethane-d4

Concen: 24.983 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 99530

Ion Ratio Lower Upper

65 100

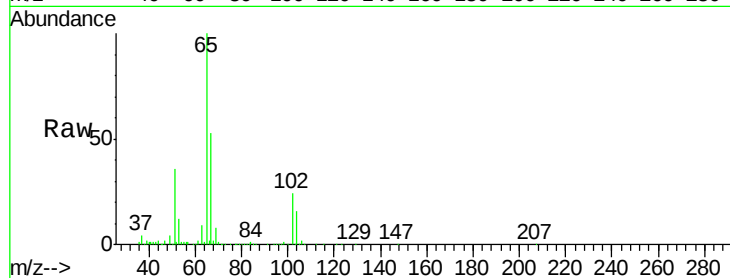
67 52.5 42.1 63.1

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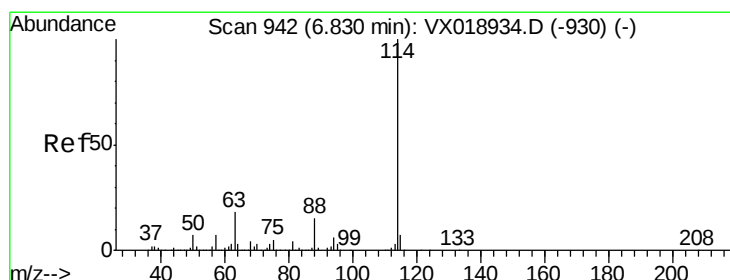
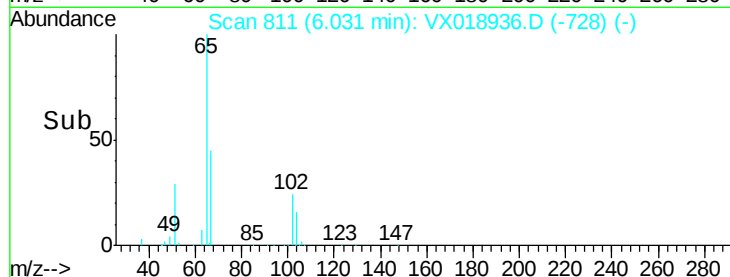
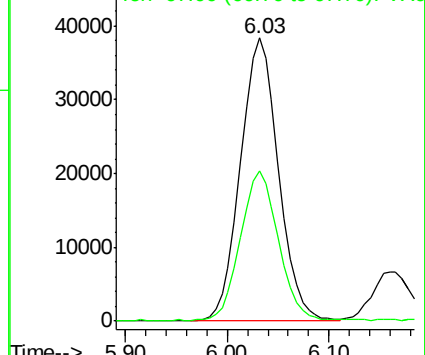
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

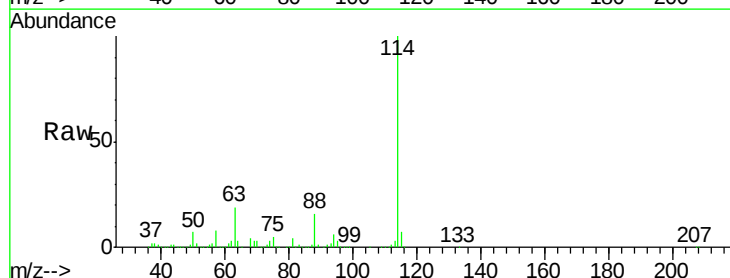
Tgt Ion: 114 Resp: 287331

Ion Ratio Lower Upper

114 100

63 18.2 14.6 21.8

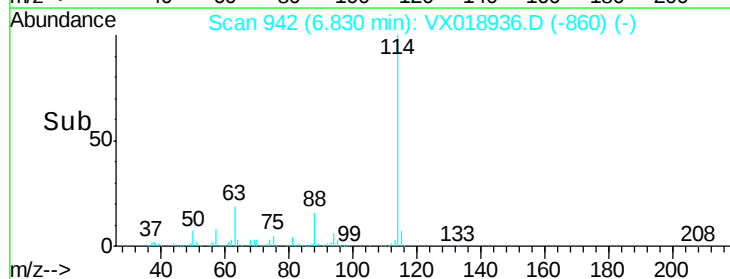
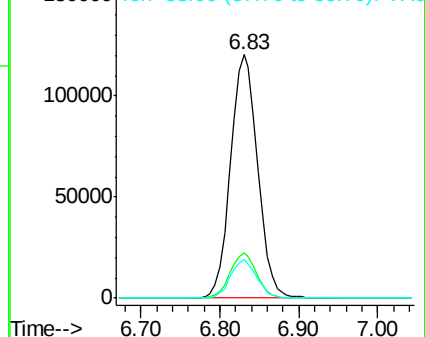
88 15.4 12.3 18.5

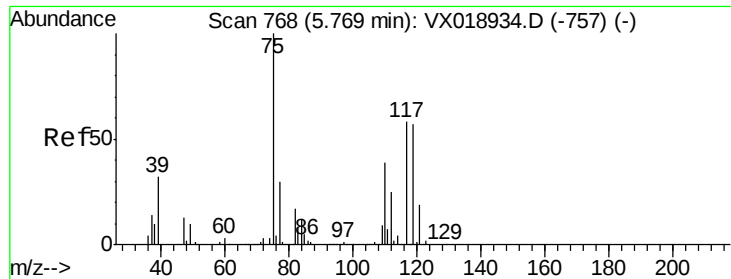


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





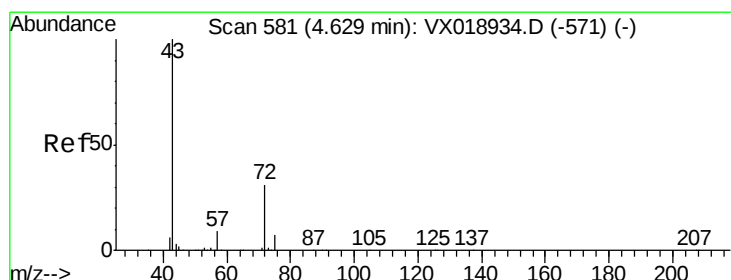
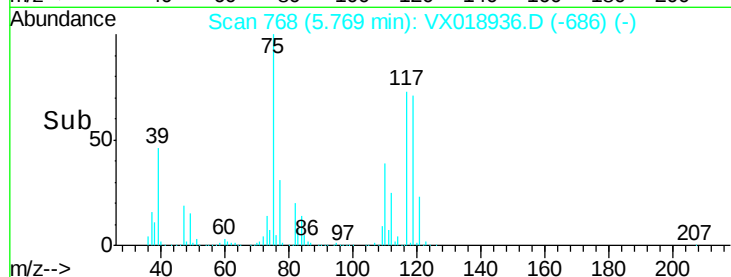
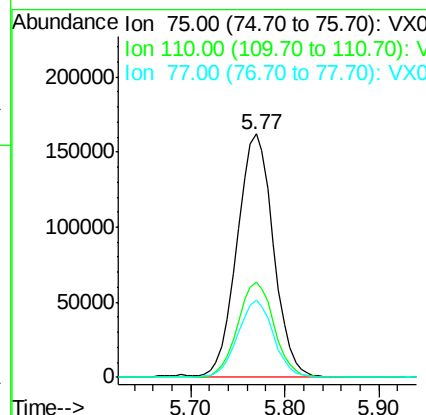
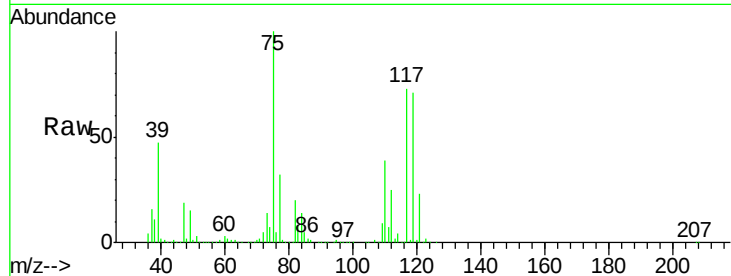
#29
 1,1-Dichloropropene
 Concen: 100.570 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.1	0.0	79.2
77	31.0	0.0	62.6

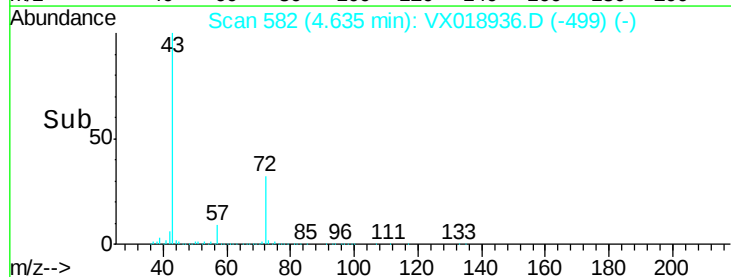
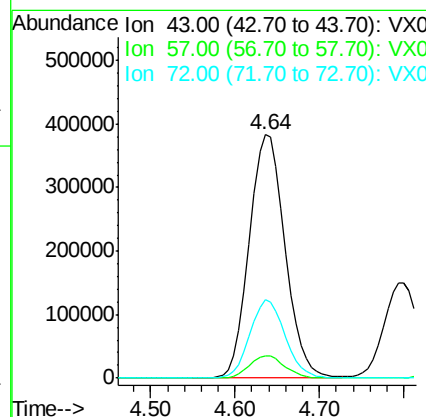
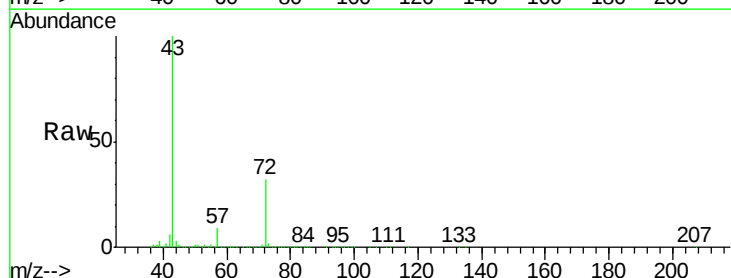
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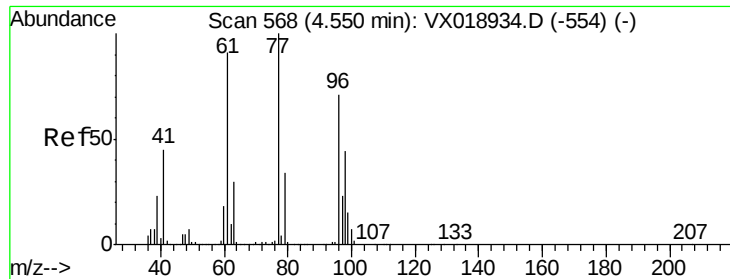
apatel
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#30
 2-Butanone
 Concen: 472.615 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.0	7.0	10.6
72	31.7	25.6	38.4





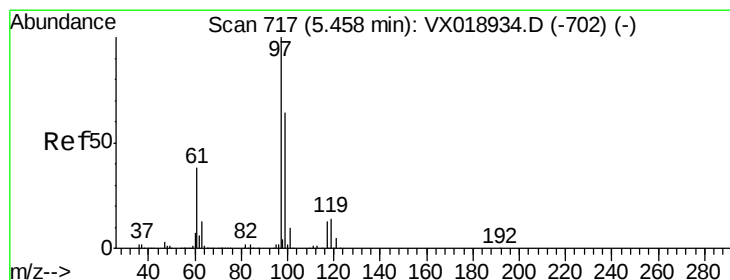
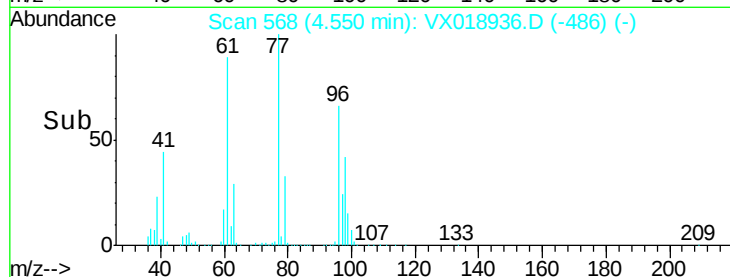
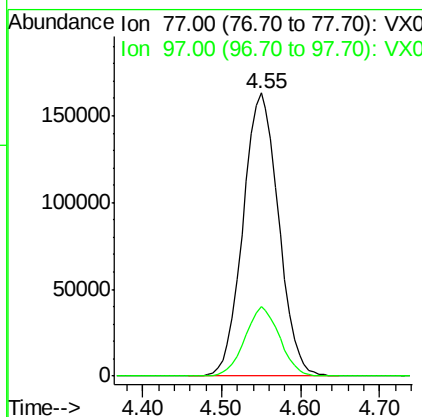
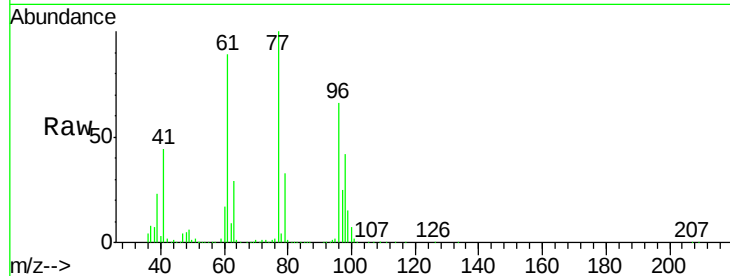
#31
 2,2-Dichloropropane
 Concen: 97.803 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 77 Resp: 510345
 Ion Ratio Lower Upper
 77 100
 97 24.0 19.0 28.6

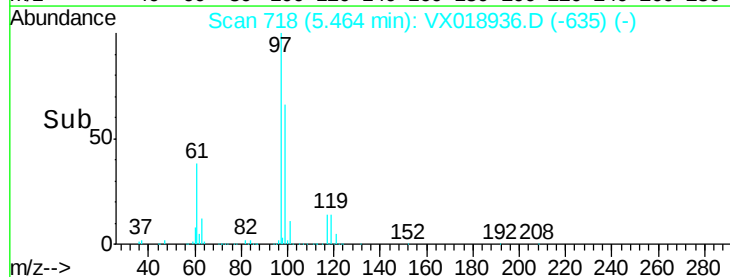
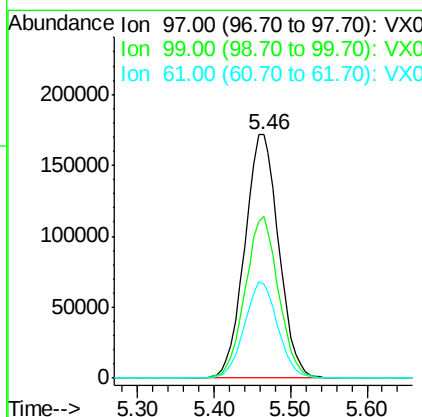
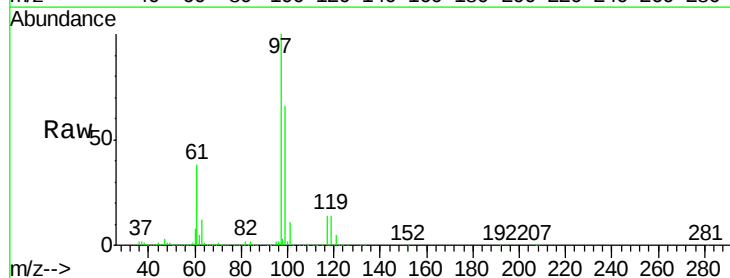
Manual Integrations
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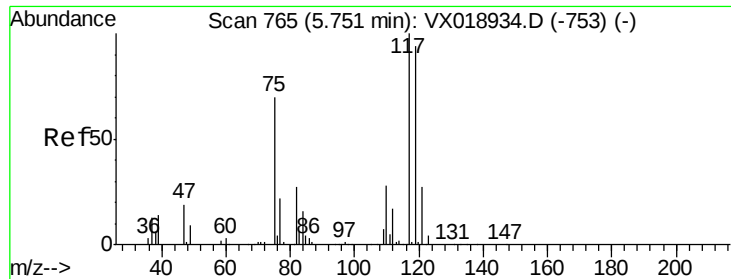
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#32
 1,1,1-Trichloroethane
 Concen: 95.026 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion: 97 Resp: 530732
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.6 78.8
 61 38.8 31.5 47.3





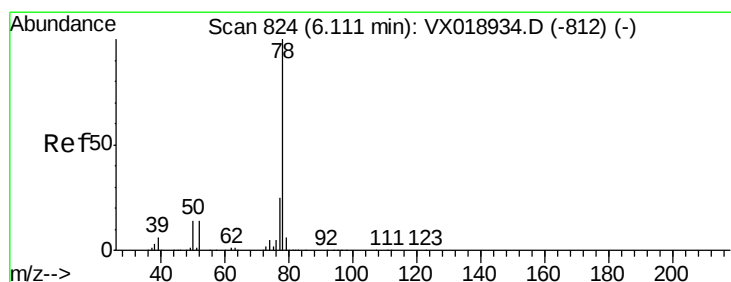
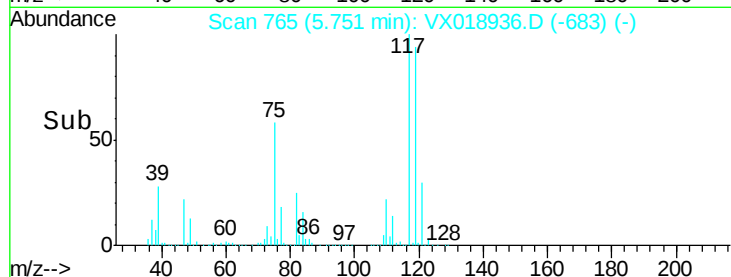
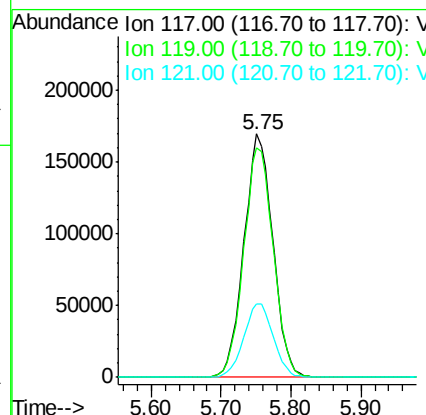
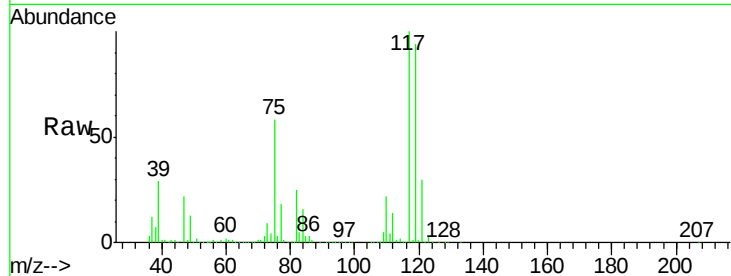
#33
Carbon Tetrachloride
Concen: 93.799 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.0	112.4
121	30.2	21.8	32.8

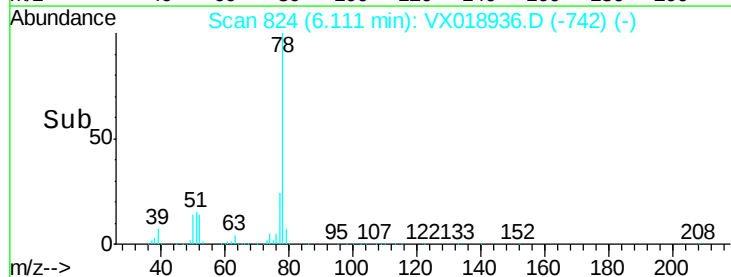
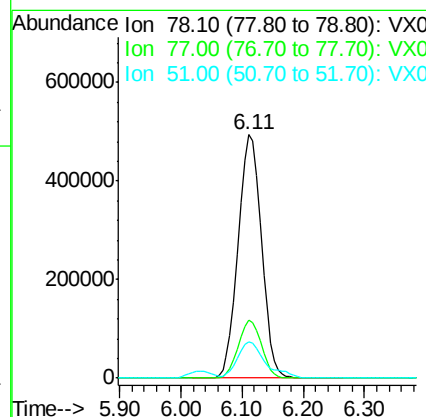
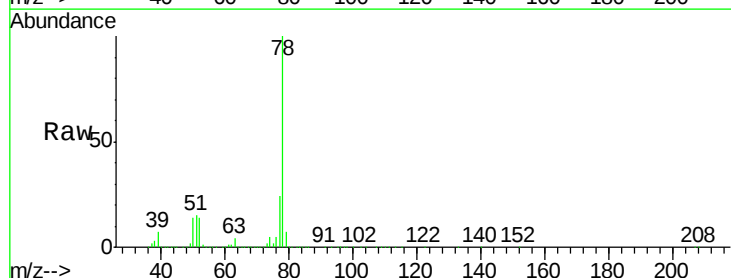
Manual Integrations
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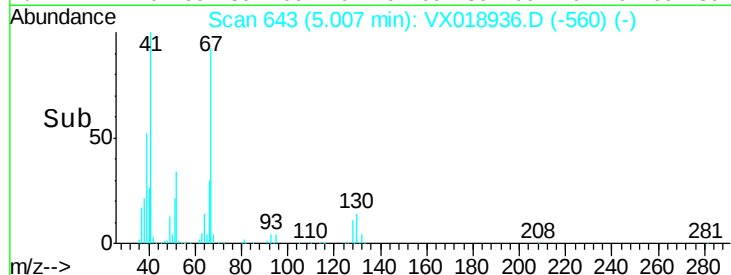
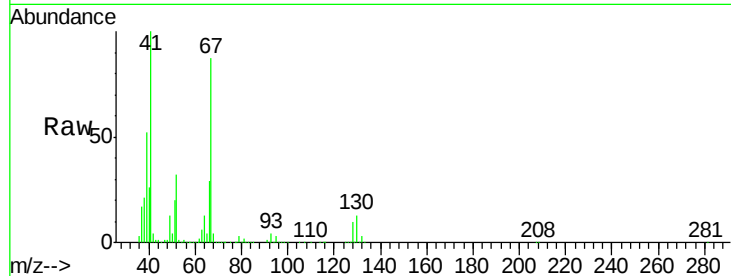
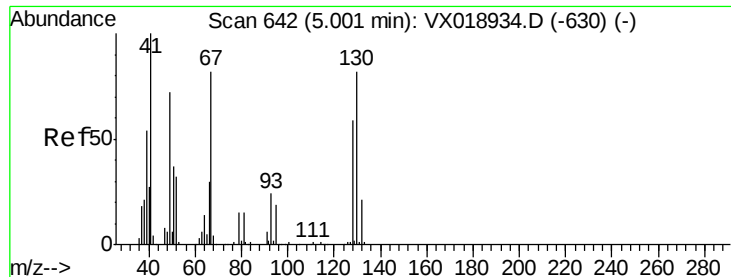
apatel
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#34
Benzene
Concen: 104.481 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

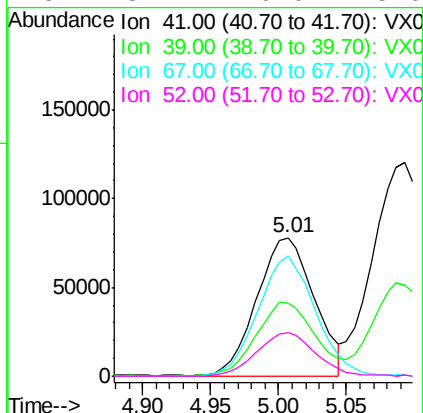
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.7	29.5
51	15.0	12.0	18.0





#35
Methacrylonitrile
Concen: 92.662 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

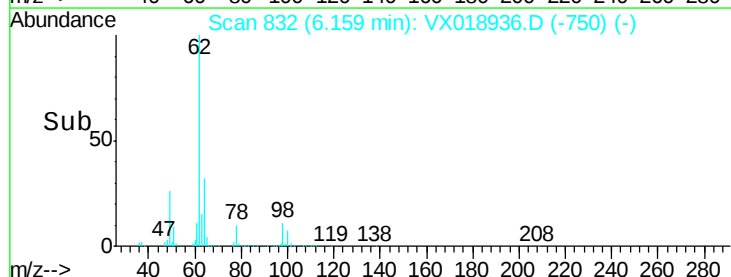
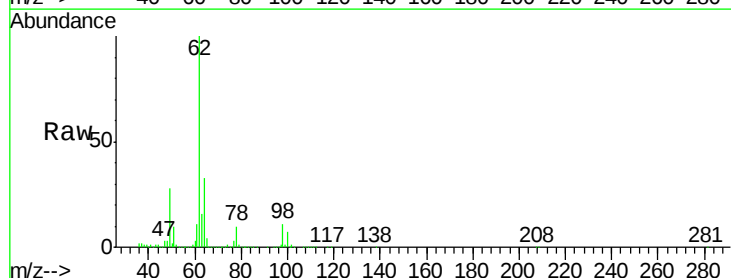
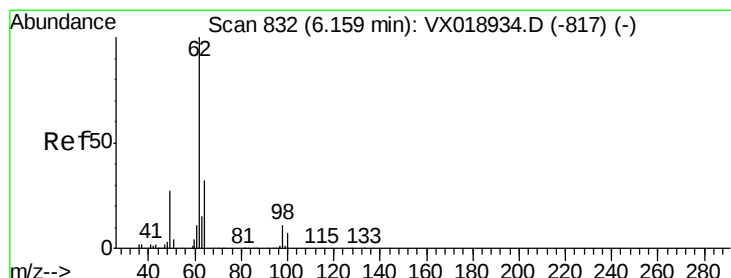
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	27.0	81.0	
67	86.9	41.1	123.3	
52	31.7	16.0	48.0	



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

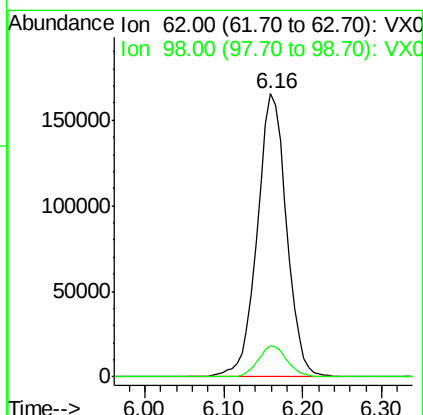
Manual Integrations
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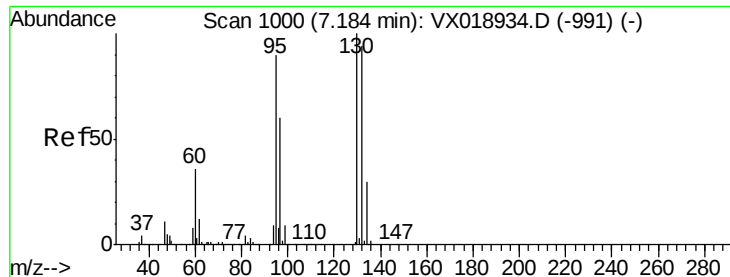
apatel
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#36
1,2-Dichloroethane
Concen: 86.273 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	8.9	13.3	





#37

Trichloroethene

Concen: 105.915 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:130 Resp: 383715

Ion Ratio Lower Upper

130 100

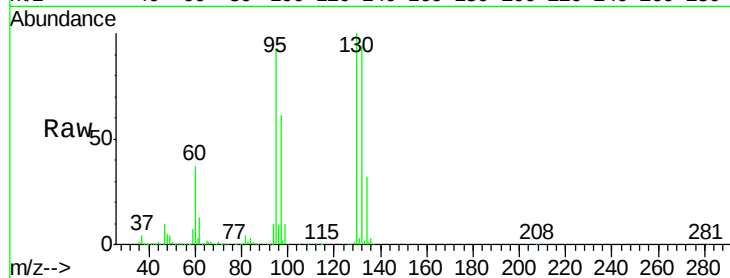
95 92.7 71.8 107.6

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

200000

150000

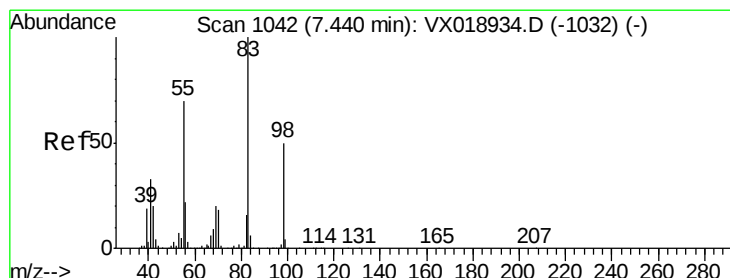
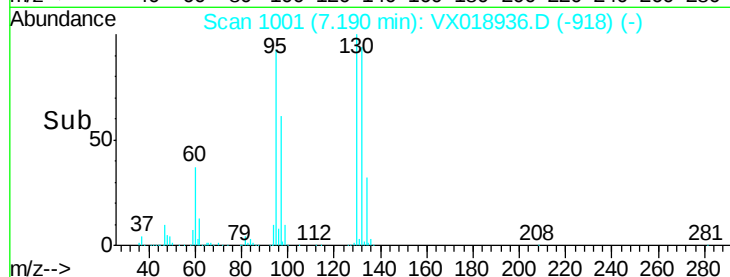
100000

50000

0

Time-->

7.10 7.20 7.30



#38

Methylcyclohexane

Concen: 105.239 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

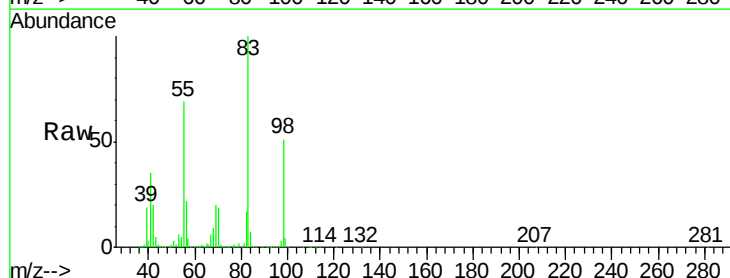
Tgt Ion: 83 Resp: 497377

Ion Ratio Lower Upper

83 100

55 67.9 34.8 104.4

98 50.9 25.8 77.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

300000

250000

200000

150000

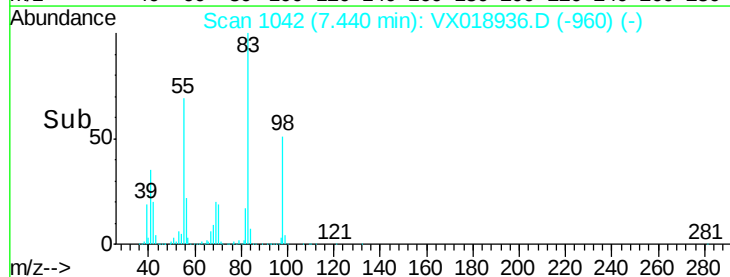
100000

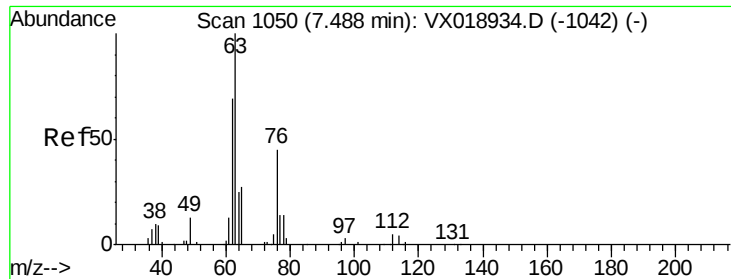
50000

0

Time-->

7.30 7.40 7.50 7.60





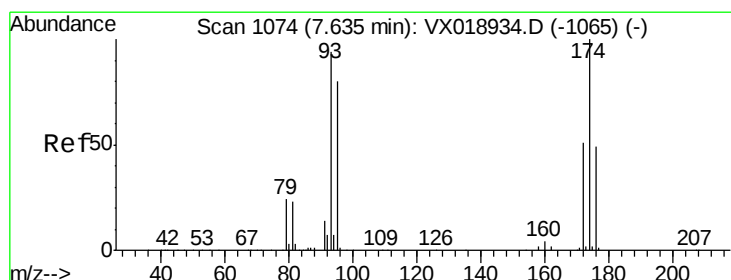
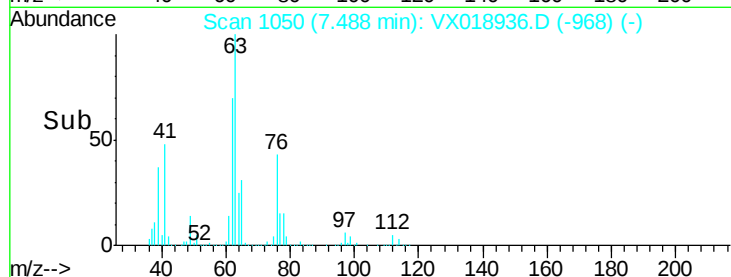
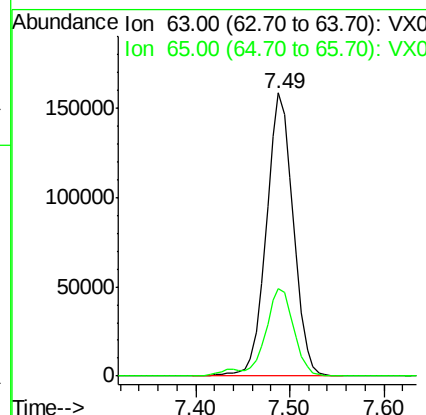
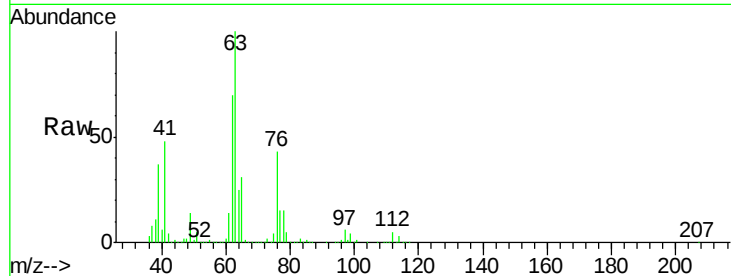
#39
 1,2-Dichloropropane
 Concen: 97.312 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	63	Resp	318173
Ion Ratio	100	Lower	Upper
63	100		
65	30.9	23.0	34.6

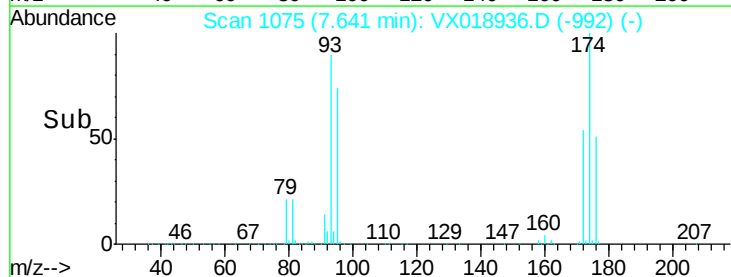
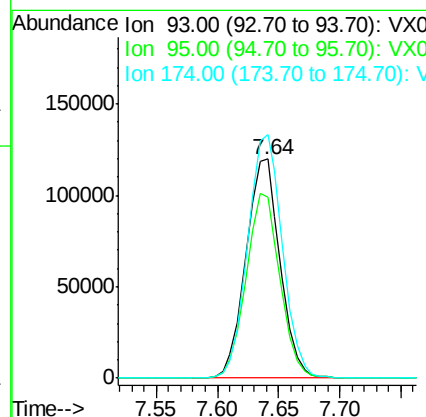
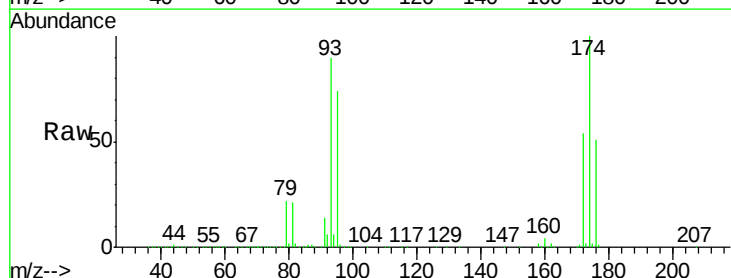
Manual Integrations
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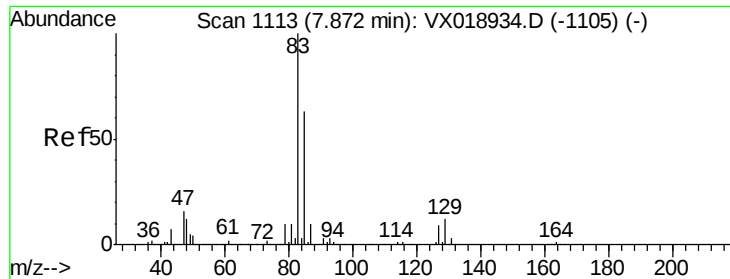
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#40
 Dibromomethane
 Concen: 97.941 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion	93	Resp	232376
Ion Ratio	100	Lower	Upper
93	100		
95	83.6	0.0	164.0
174	113.3	0.0	214.6





#41

Bromodichloromethane

Concen: 96.145 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

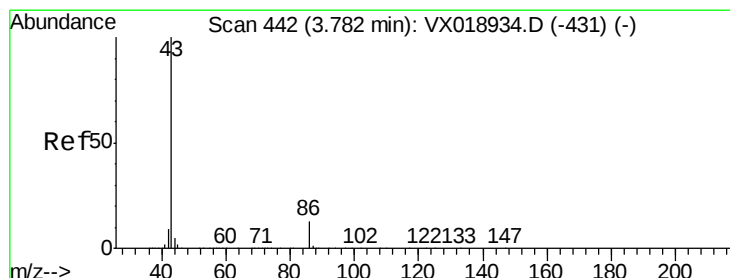
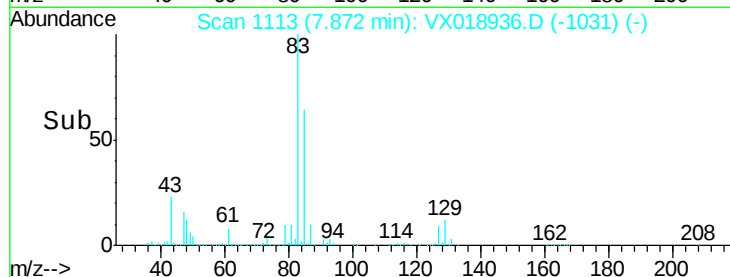
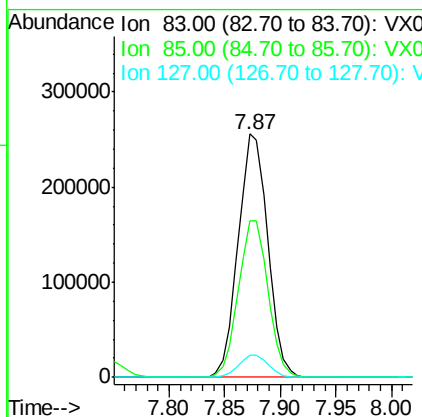
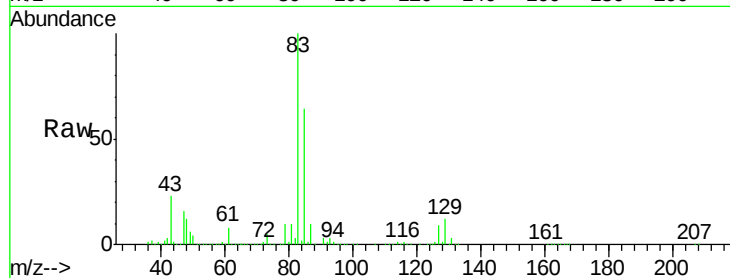
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	472540
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.4	75.6
127	8.9	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 456.608 ug/l

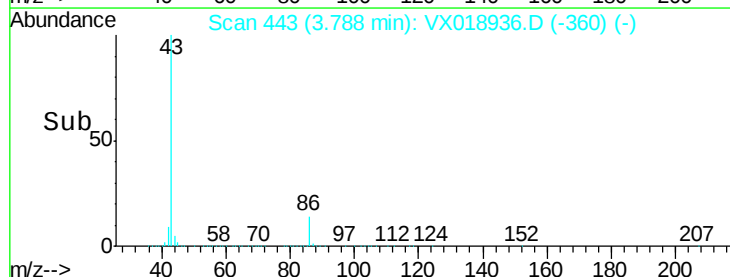
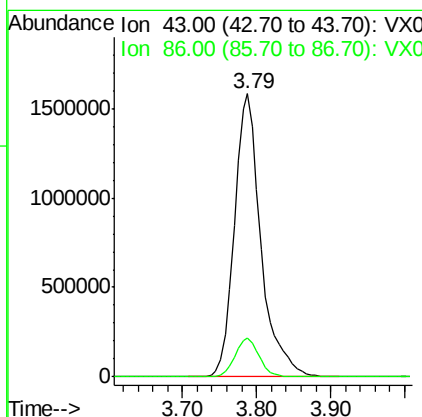
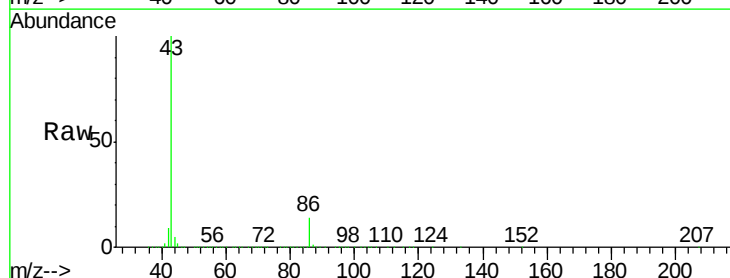
RT: 3.79 min Scan# 443

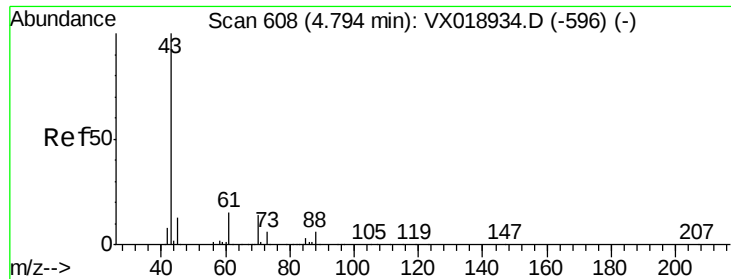
Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion:	43	Resp:	3944261
Ion Ratio	Lower	Upper	
43	100		
86	12.5	9.8	14.8





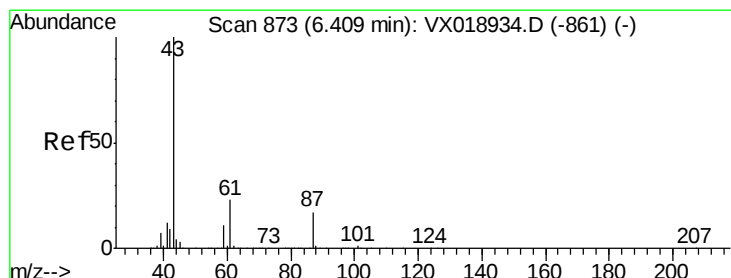
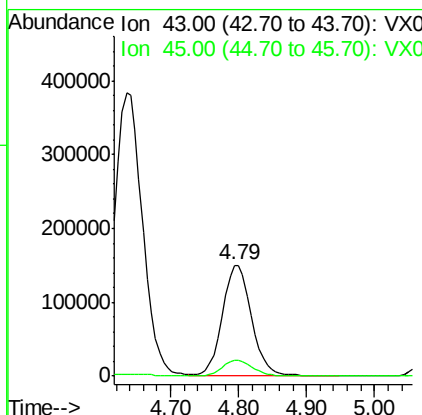
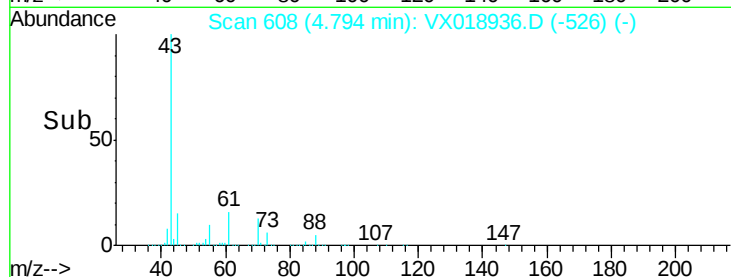
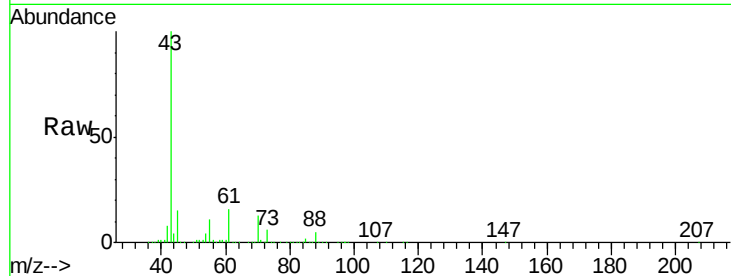
#43
Ethyl Acetate
Concen: 95.780 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.0	11.5	17.3

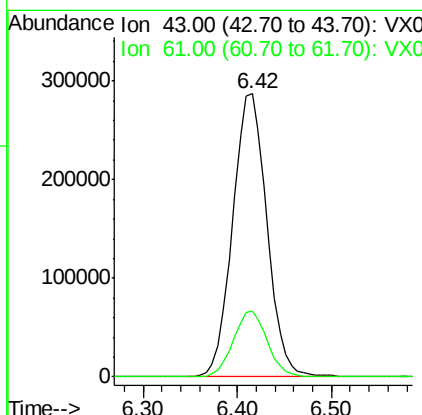
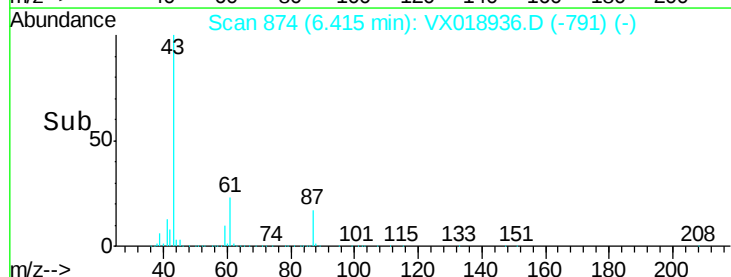
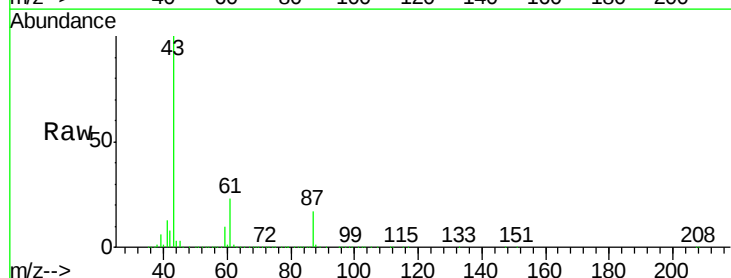
Manual Integrations
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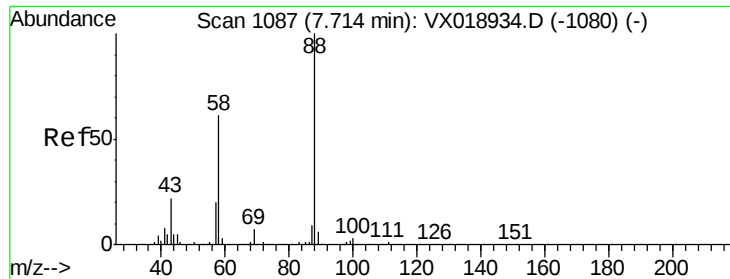
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#44
Isopropyl Acetate
Concen: 95.820 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.1	0.0	0.0#





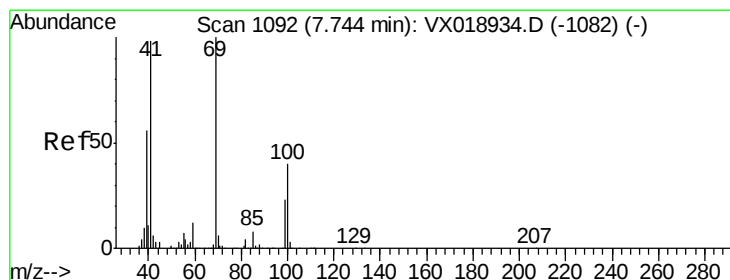
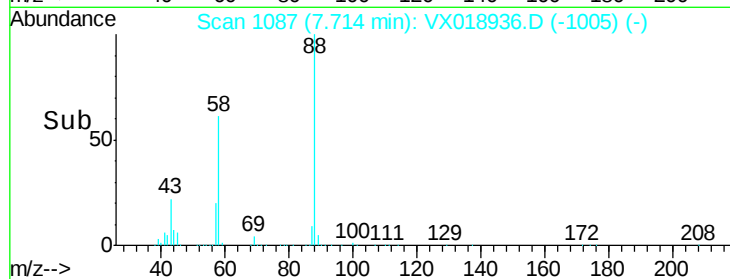
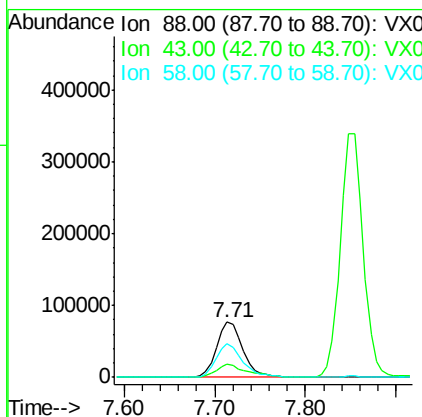
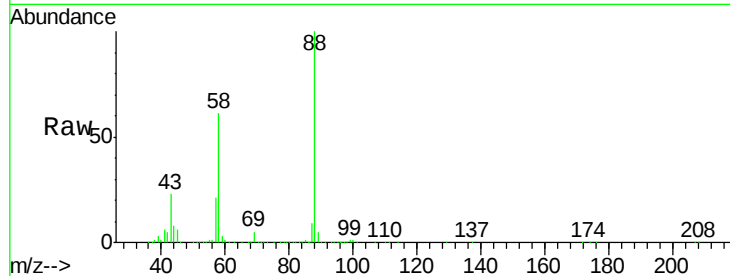
#45
 1,4-Dioxane
 Concen: 2338.057 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
88	100	156239		
43	26.5		22.1	33.1
58	61.3		52.1	78.1

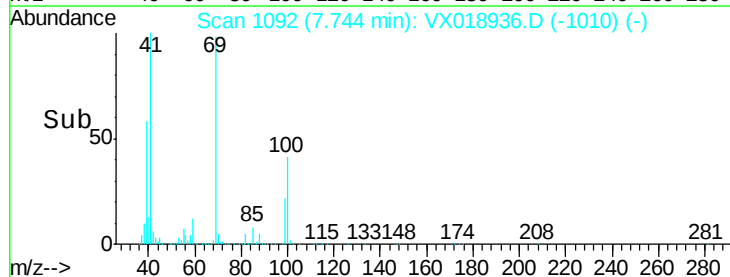
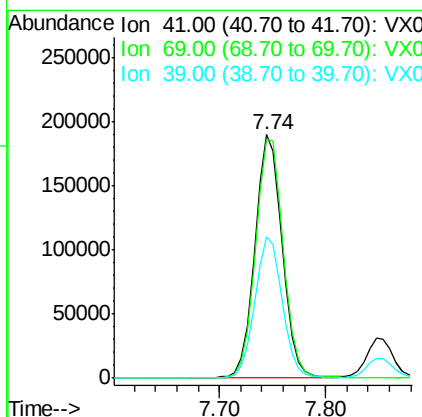
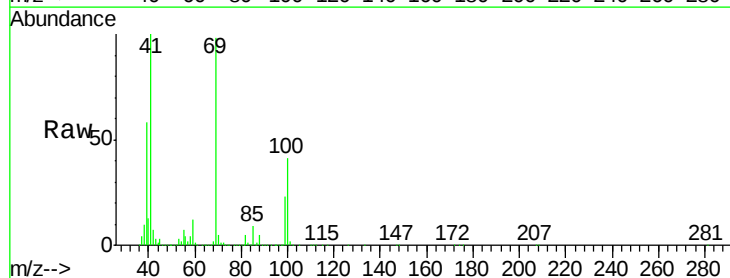
Manual Integrations
 APPROVED

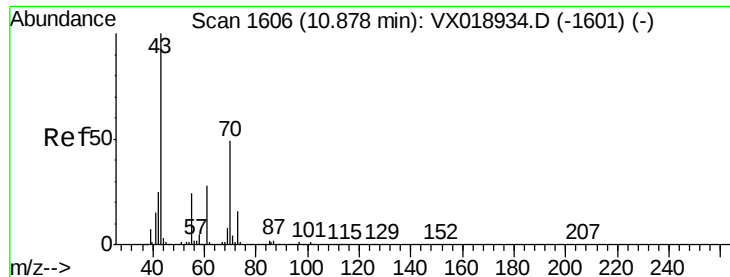
apatel
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#46
 Methyl methacrylate
 Concen: 91.601 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	340209		
69	97.9		50.8	152.5
39	57.7		28.5	85.6





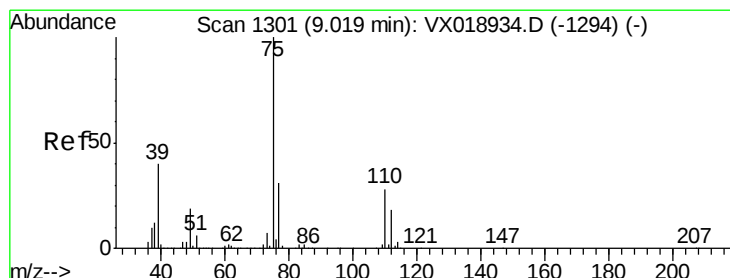
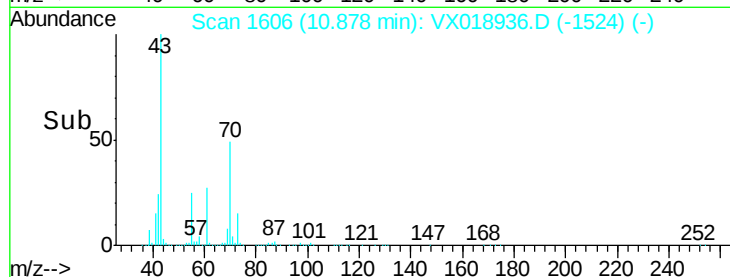
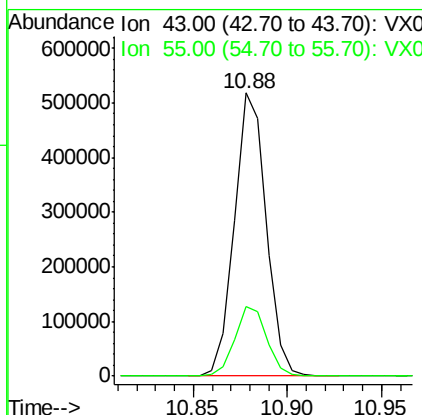
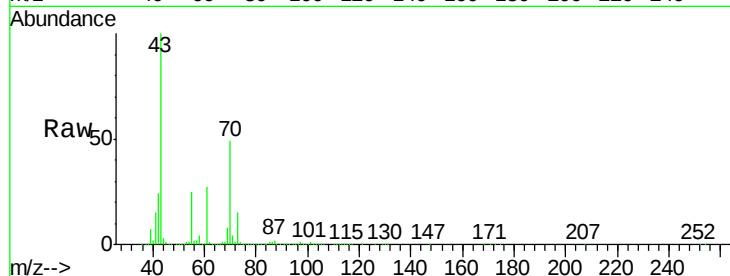
#47
 n-amvl Acetate
 Concen: 90.590 ug/l
 RT: 10.88 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion: 43 Resp: 604849
 Ion Ratio Lower Upper
 43 100
 55 24.7 19.9 29.9

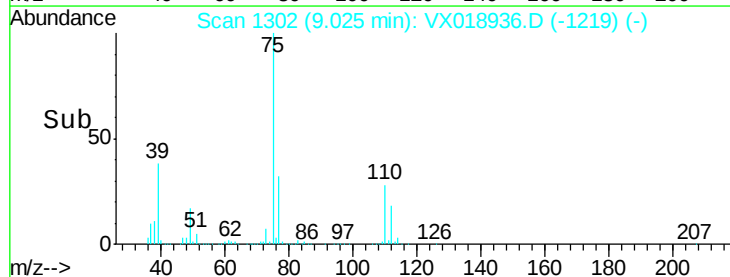
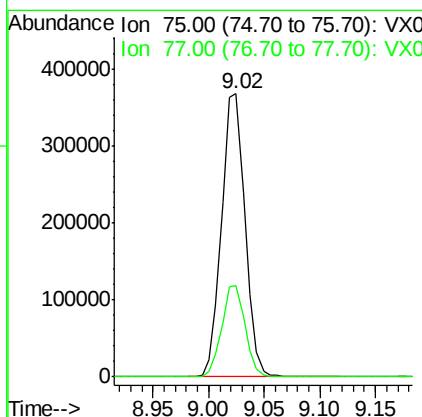
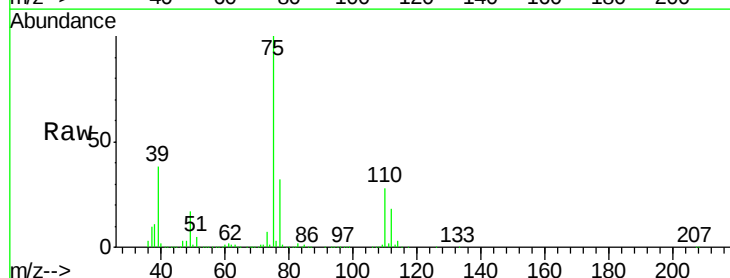
Manual Integrations
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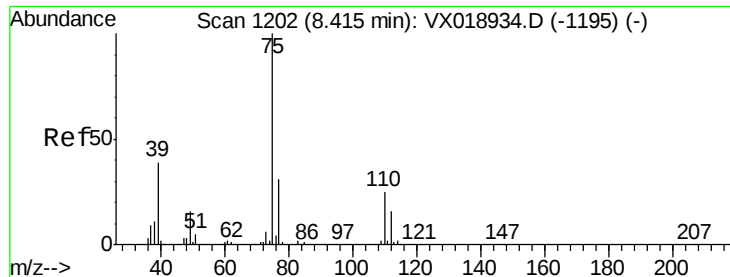
apatel
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#48
 t-1,3-Dichloropropene
 Concen: 100.288 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion: 75 Resp: 537778
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8





#49

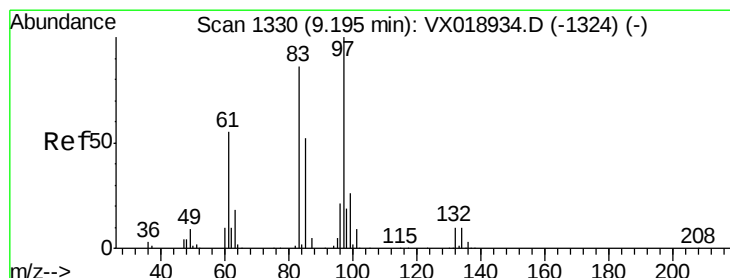
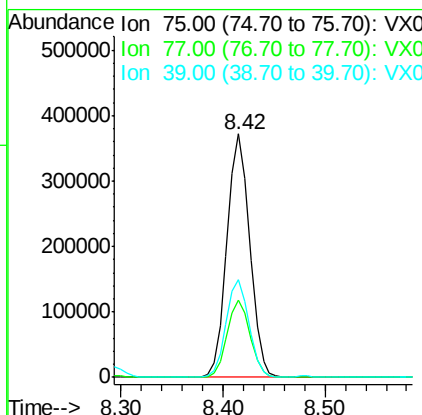
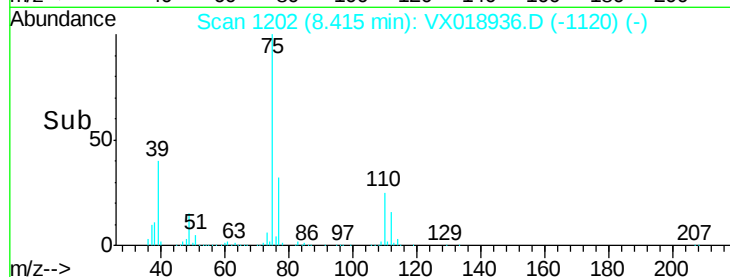
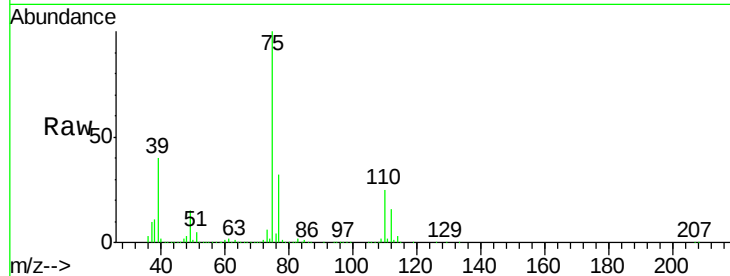
cis-1,3-Dichloropropene
 Concen: 102.214 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7
39	39.8	31.5	47.3

Manual Integrations
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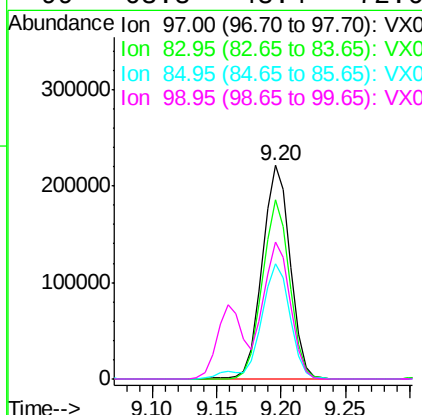
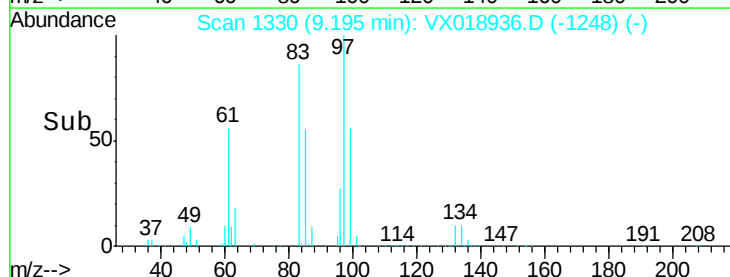
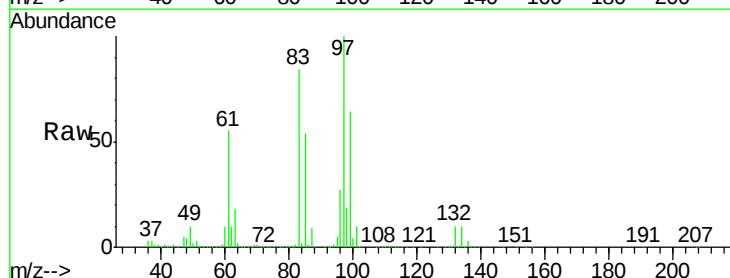
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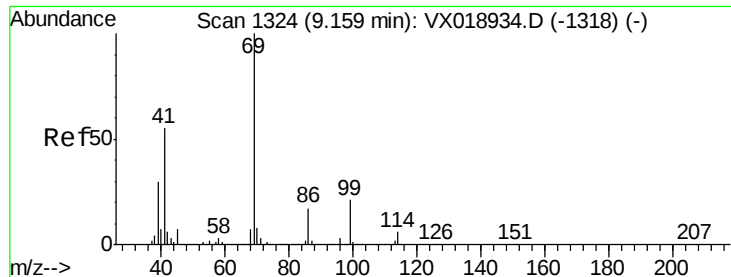


#50

1,1,2-Trichloroethane
 Concen: 99.181 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.0	102.0
85	53.7	43.8	65.8
99	63.8	48.4	72.6





#51

Ethyl methacrylate

Concen: 105.642 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

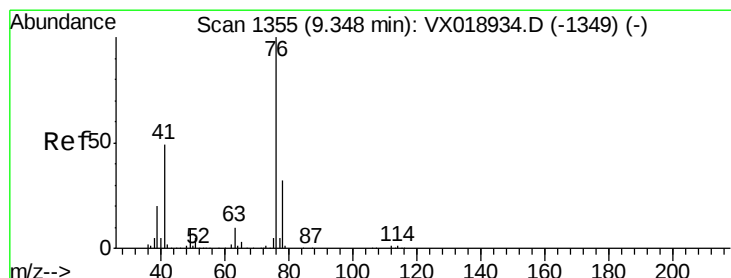
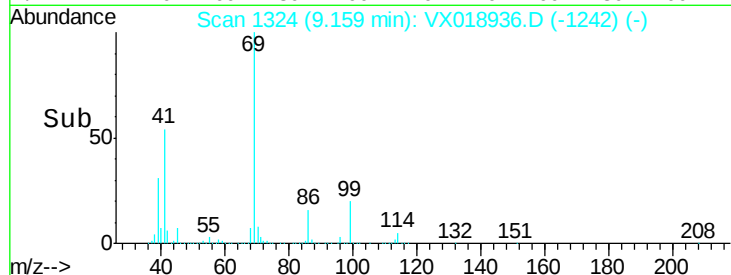
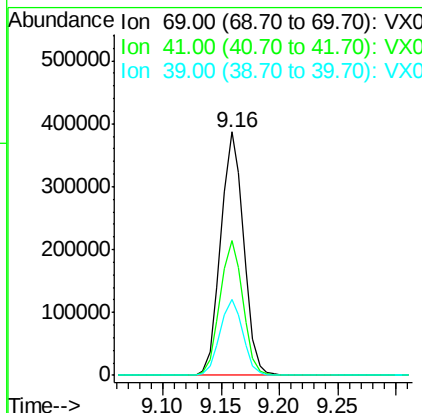
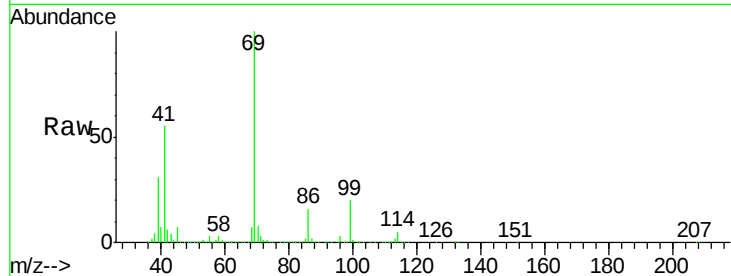
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	522711
Ion	Ratio	Lower	Upper
69	100		
41	55.2	27.6	82.8
39	31.3	15.0	45.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 97.934 ug/l

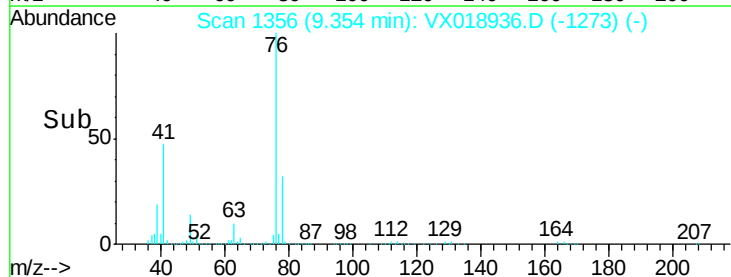
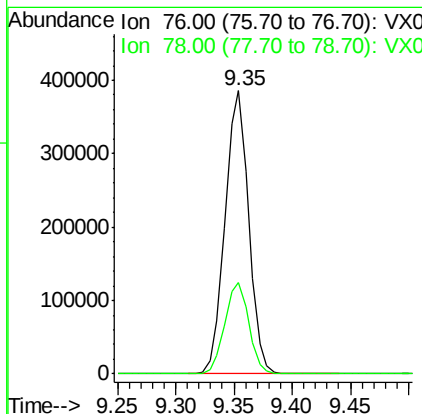
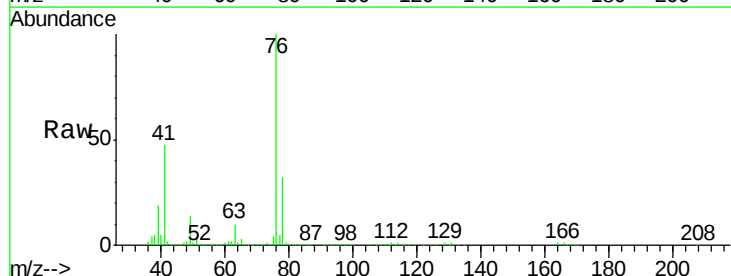
RT: 9.35 min Scan# 1356

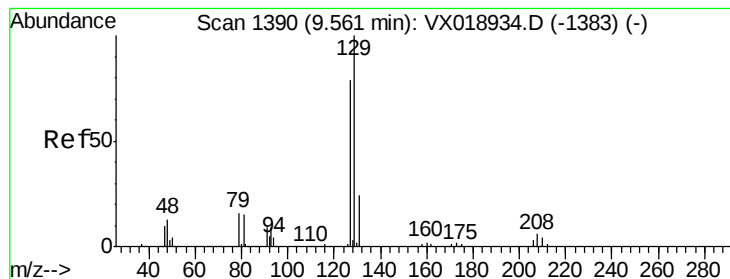
Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion:	76	Resp:	542948
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.2





#53

Dibromochloromethane

Concen: 95.172 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:129 Resp: 395924

Ion Ratio Lower Upper

129 100

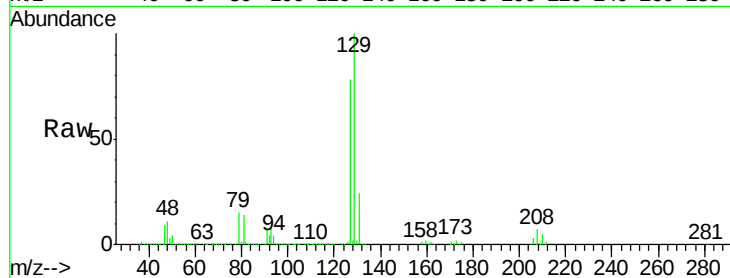
127 77.7 38.7 116.1

Manual Integrations

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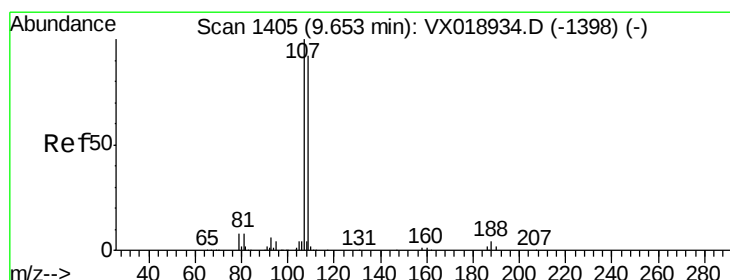
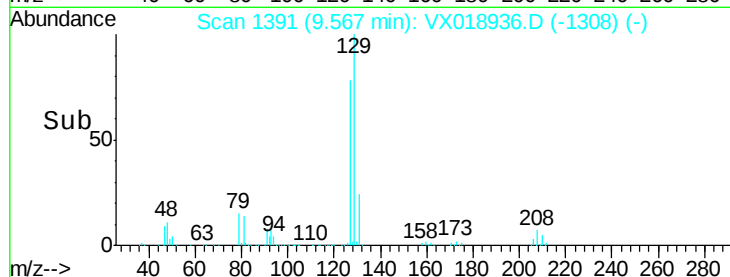
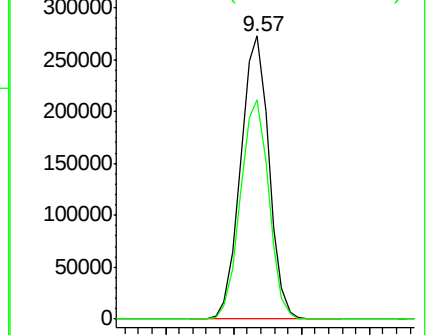
apatel

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 98.262 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018936.D

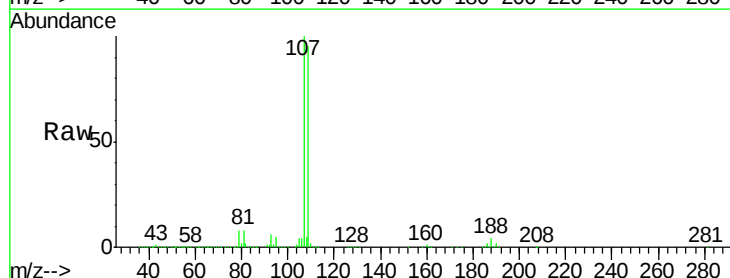
Acq: 15 Oct 2020 14:48

Tgt Ion:107 Resp: 361920

Ion Ratio Lower Upper

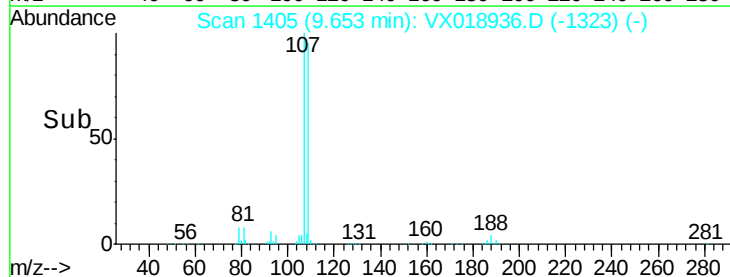
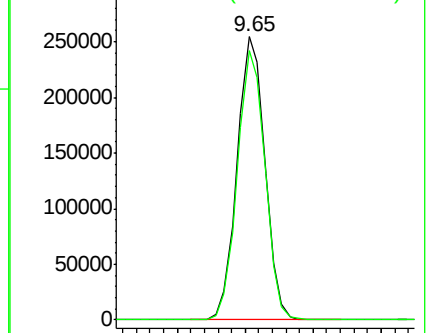
107 100

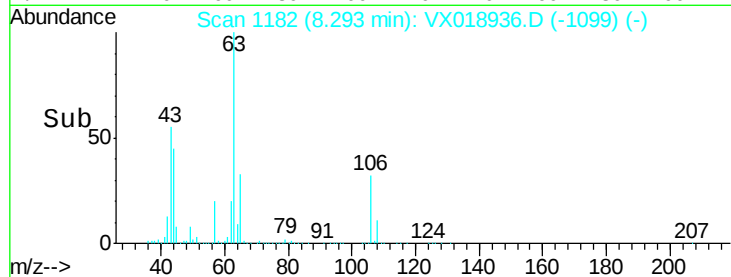
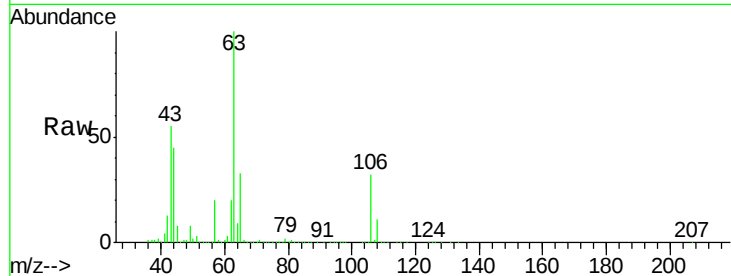
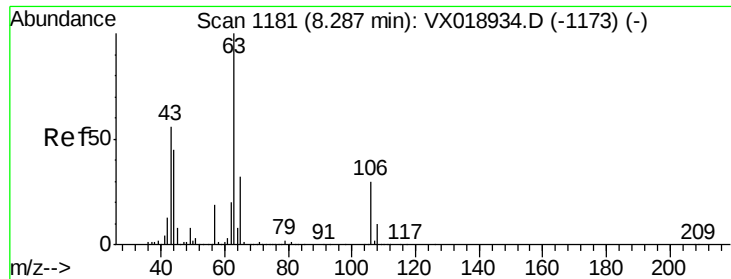
109 94.6 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 536.331 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tot Ion:	63	Resp:	1380960
Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.8	38.6
106	32.3	25.3	37.9

Instrument :

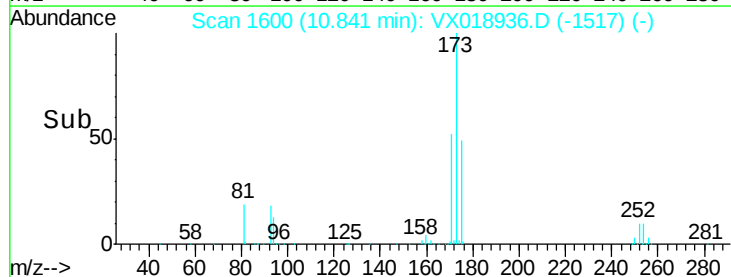
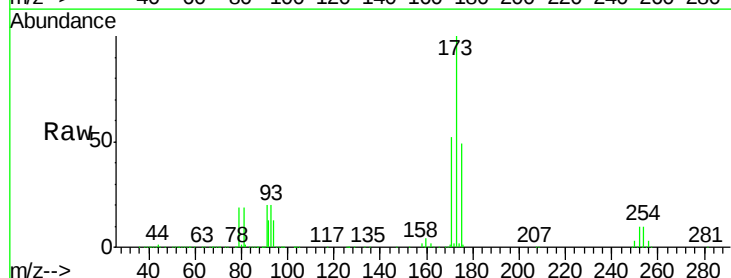
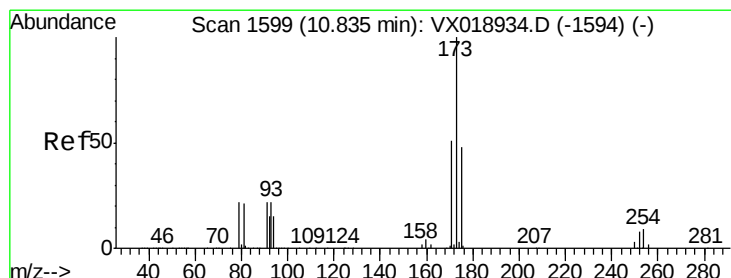
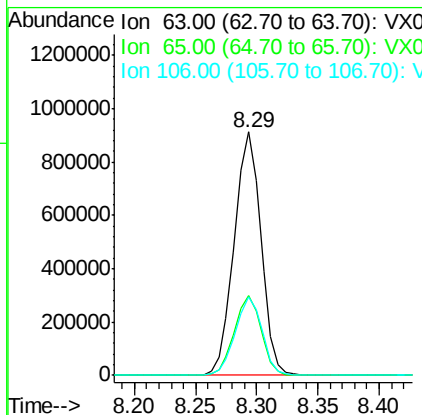
MSVOA_X

ClientSampleId :

VSTDIC100

Manual Integrations
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#56

Bromoform

Concen: 101.114 ug/l

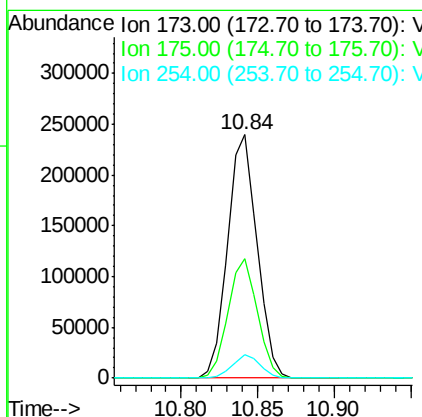
RT: 10.84 min Scan# 1600

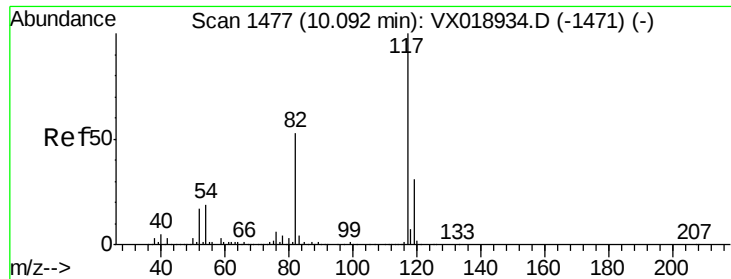
Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion:	173	Resp:	320249
Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.2	58.8
254	9.1	7.5	11.3





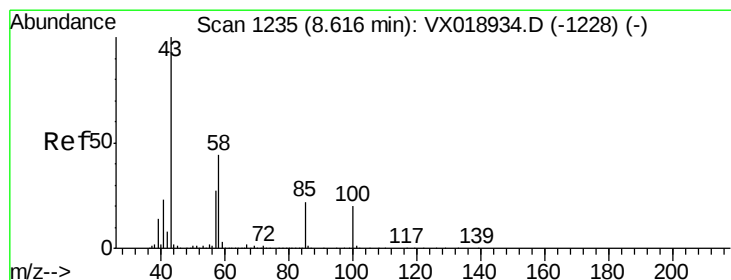
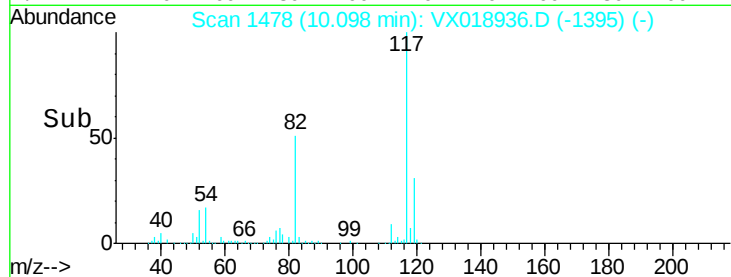
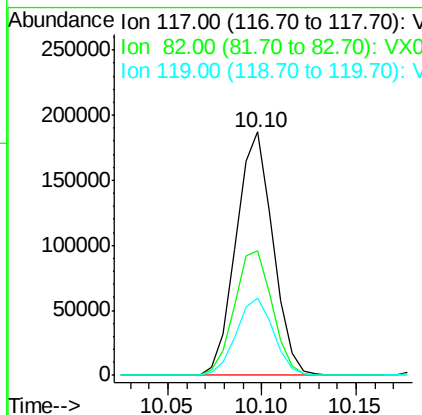
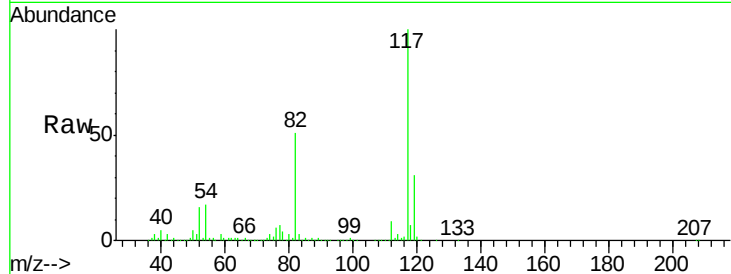
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.6	62.4
119	32.0	25.7	38.5

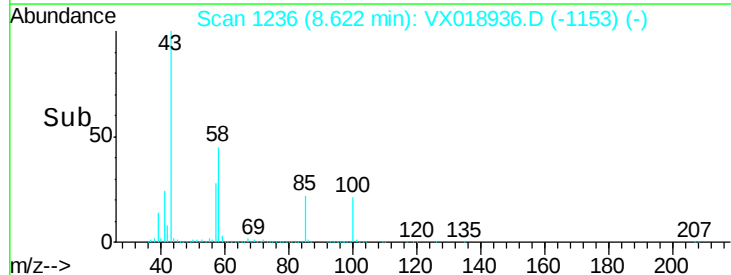
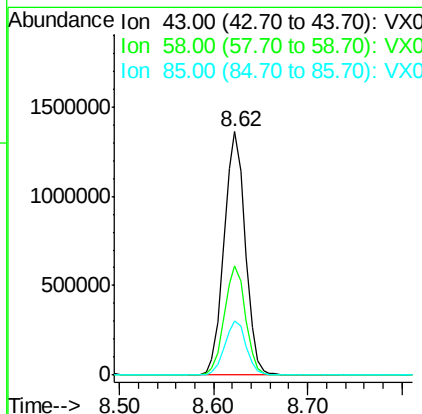
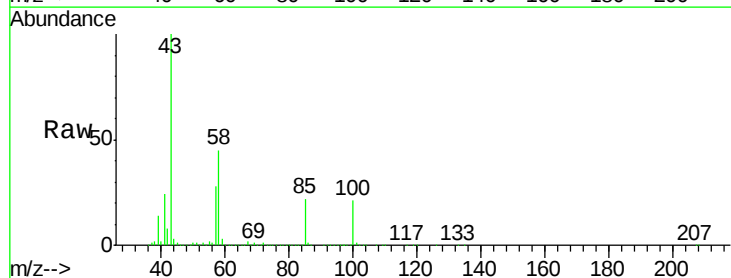
Manual Integrations
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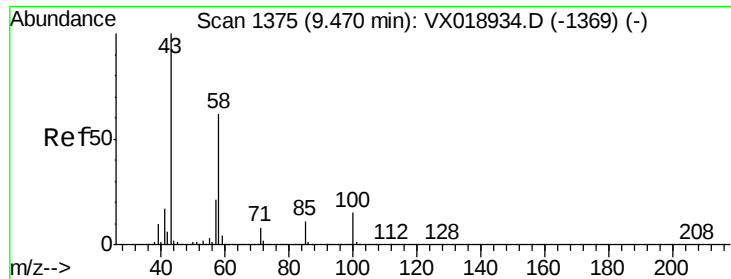
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#58
4-Methyl-2-Pentanone
Concen: 500.813 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.7	35.4	53.2
85	22.4	18.0	27.0





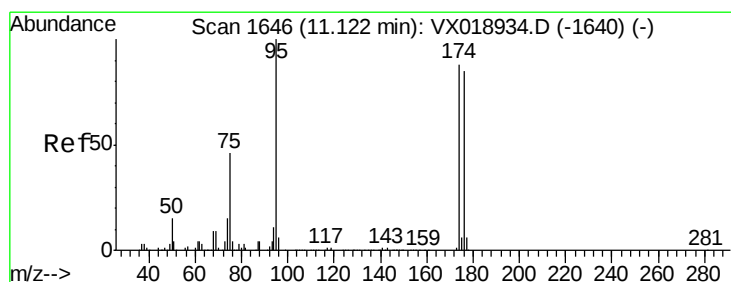
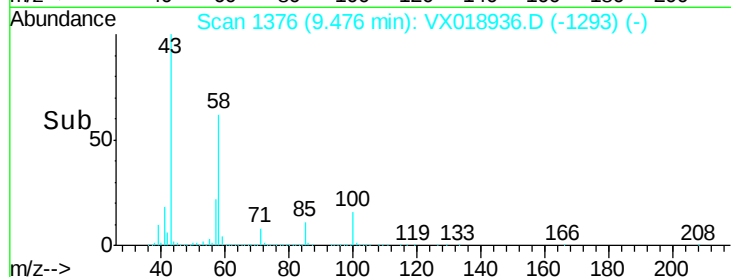
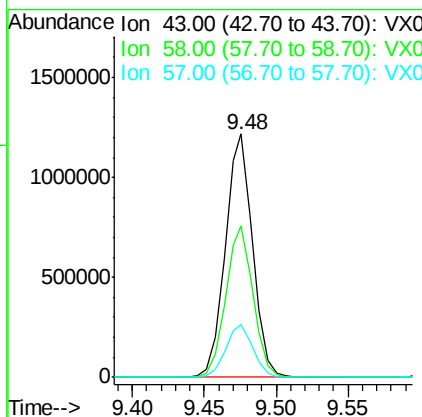
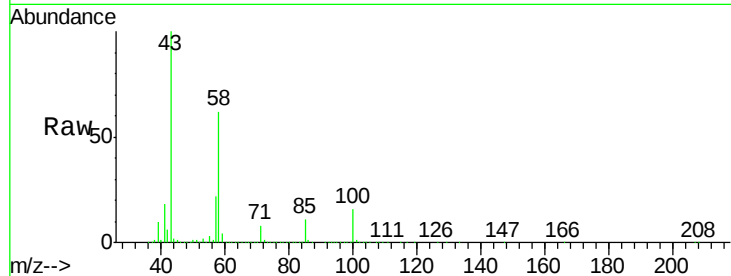
#59
2-Hexanone
Concen: 498.029 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1613027
Ion Ratio Lower Upper
43 100
58 62.2 49.7 74.5
57 21.5 16.9 25.3

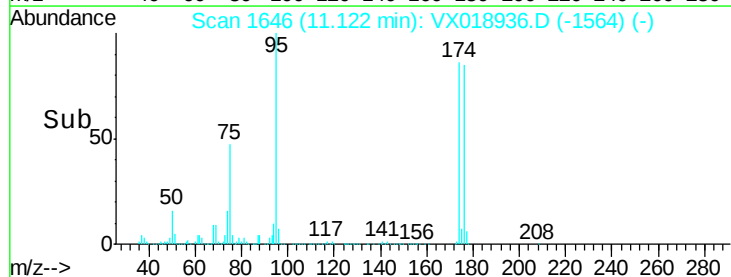
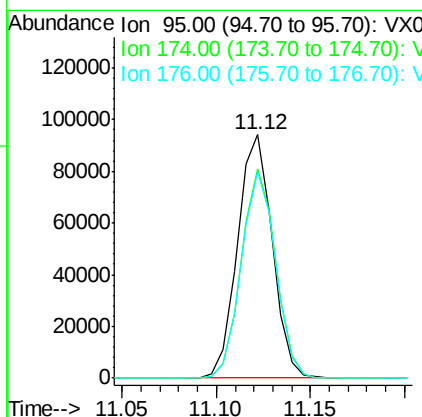
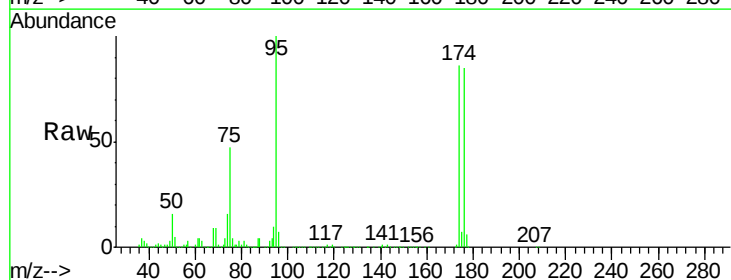
Manual Integrations
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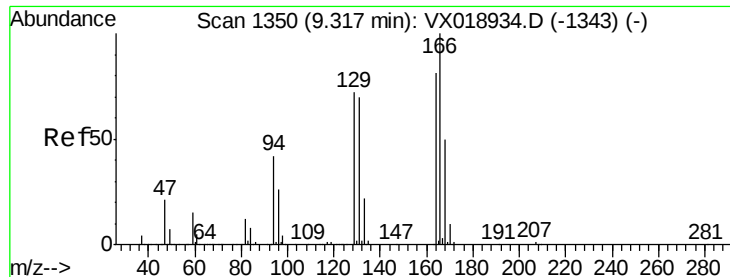
apatel
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#60
4-Bromofluorobenzene
Concen: 27.861 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion: 95 Resp: 119904
Ion Ratio Lower Upper
95 100
174 85.4 67.0 100.4
176 84.0 64.5 96.7





#61

Tetrachloroethene

Concen: 105.412 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 328748

Ion Ratio Lower Upper

164 100

166 125.2 99.4 149.0

129 92.8 71.8 107.6

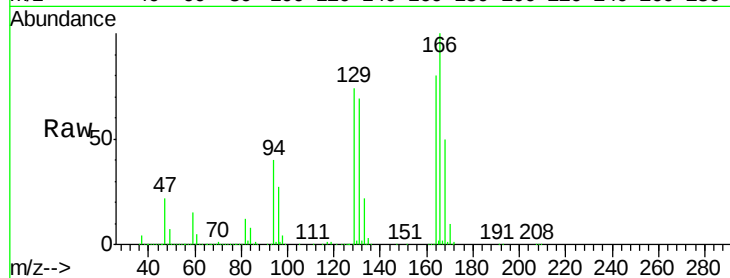
131 86.9 69.8 104.6

Manual Integrations

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apatel

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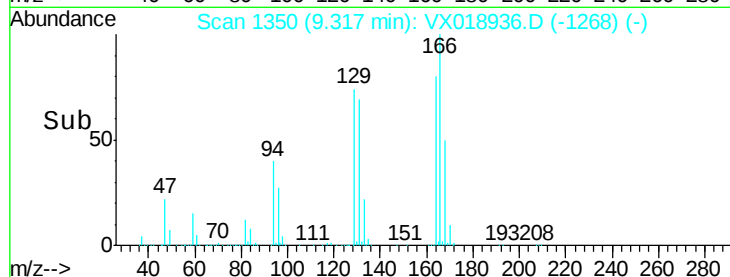


Abundance Ion 163.85 (163.55 to 164.55): V

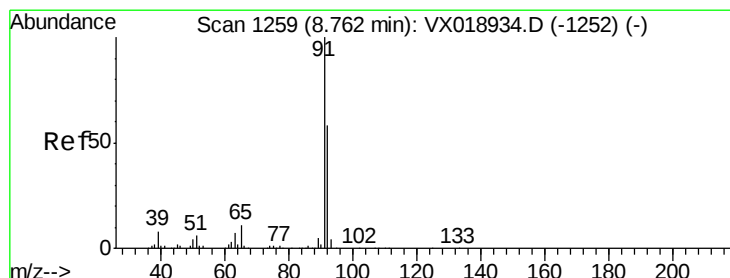
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#62

Toluene

Concen: 111.178 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018936.D

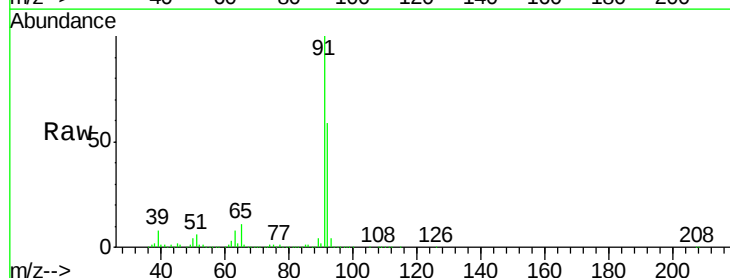
Acq: 15 Oct 2020 14:48

Tgt Ion: 91 Resp: 1421208

Ion Ratio Lower Upper

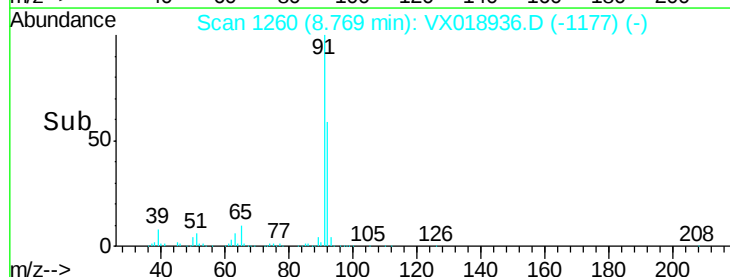
91 100

92 58.7 47.1 70.7

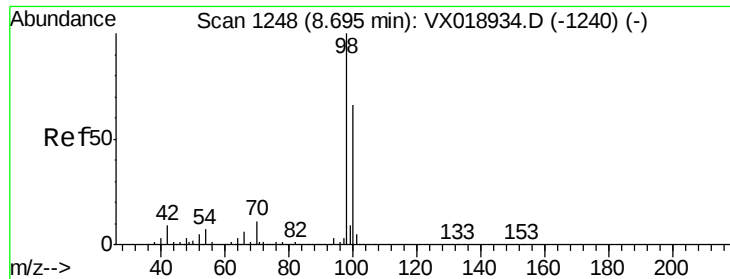


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time-->



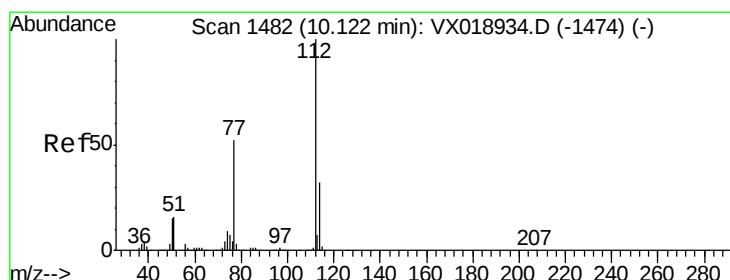
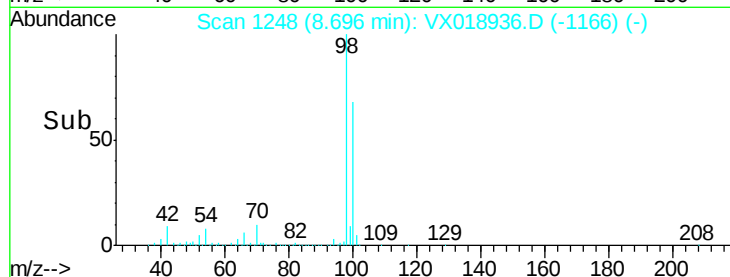
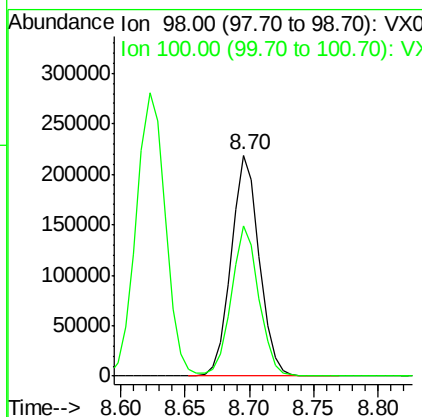
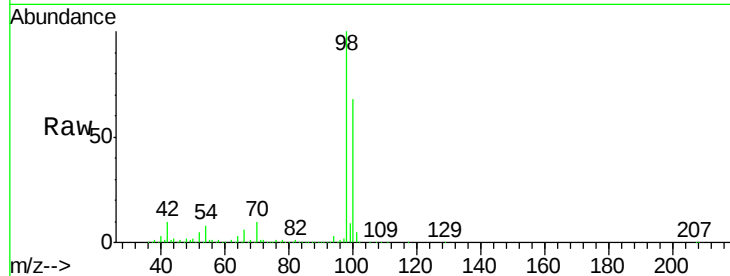
#63
Toluene-d8
Concen: 30.123 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 98 Resp: 332477
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

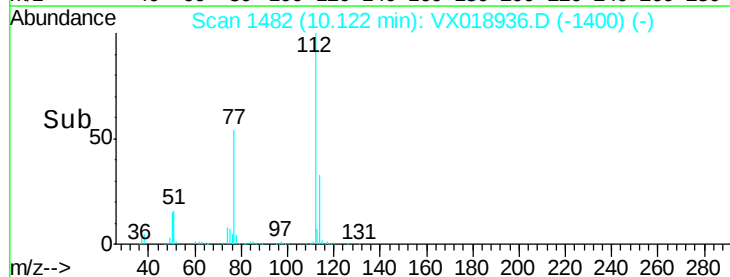
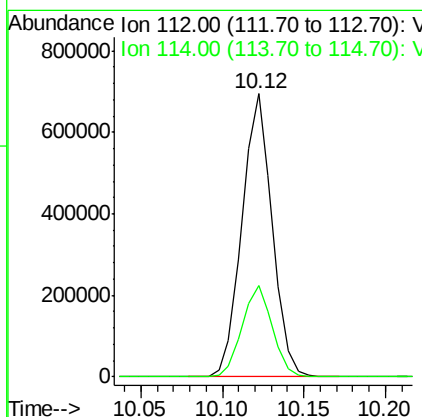
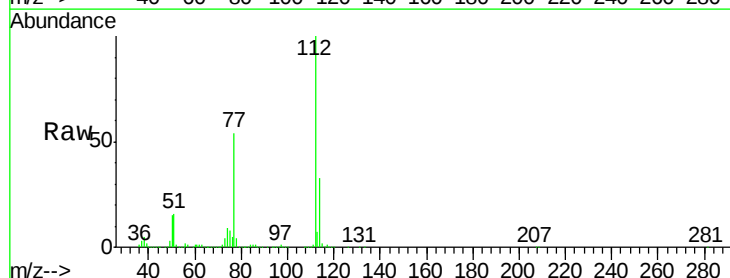
Manual Integrations
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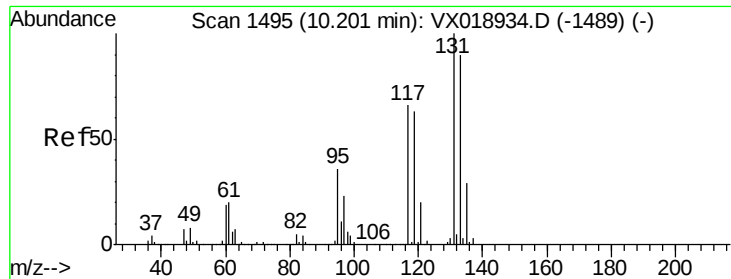
apatel
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#64
Chlorobenzene
Concen: 108.894 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion: 112 Resp: 896244
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 106.049 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

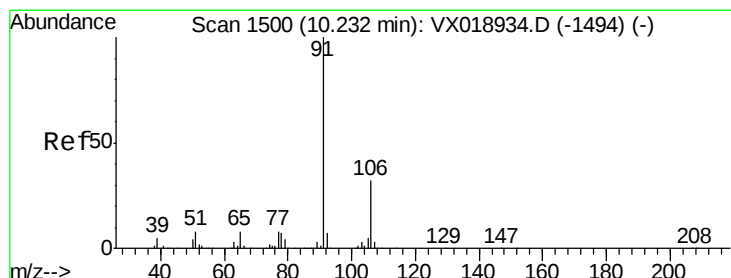
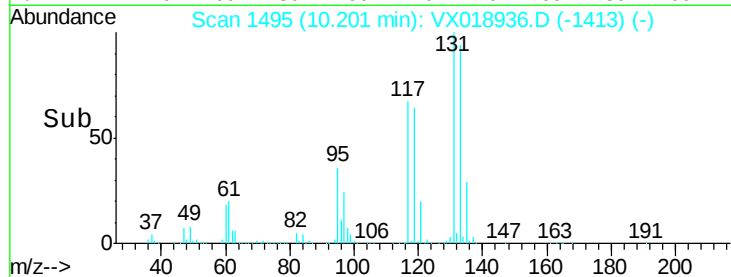
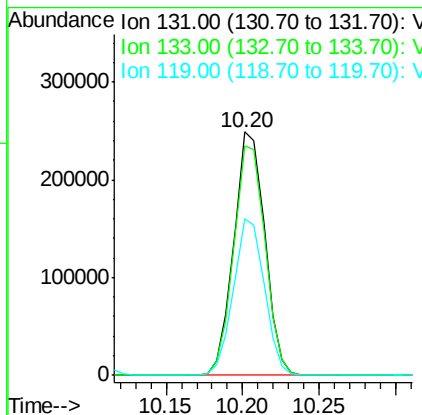
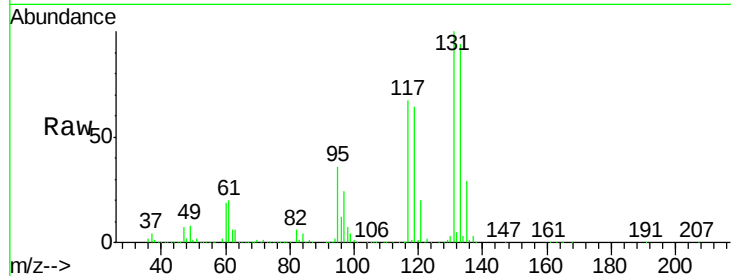
ClientSampleId :

VSTDIC100

Tot Ion:	131	Resp:	351360
Ion Ratio	Lower	Upper	
131	100		
133	95.4	0.0	188.8
119	64.0	0.0	127.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 110.268 ug/l

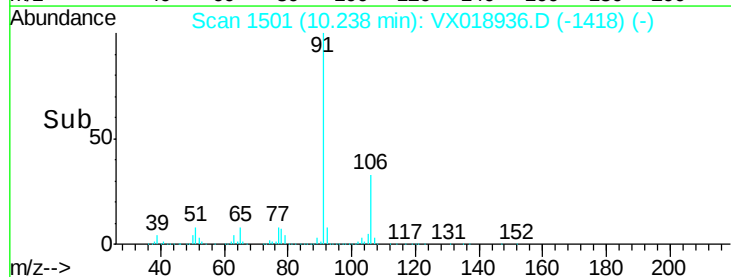
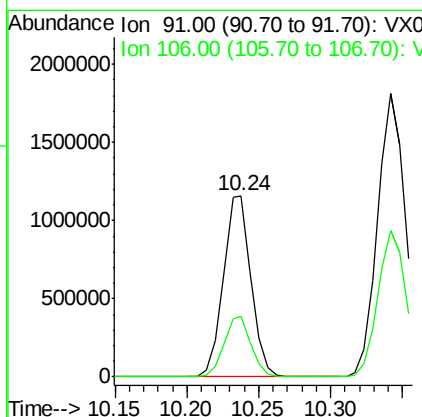
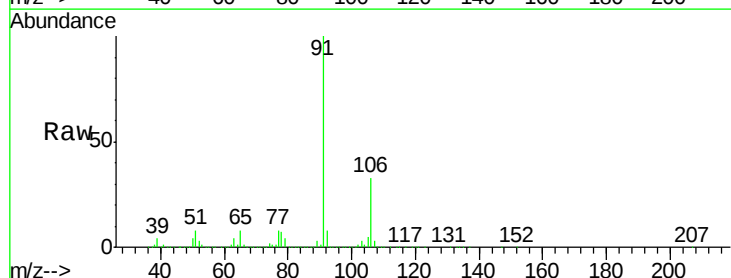
RT: 10.24 min Scan# 1501

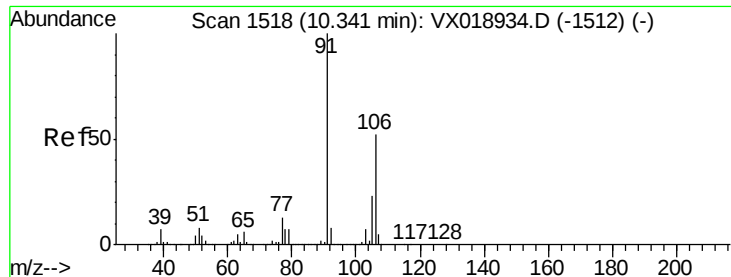
Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion:	91	Resp:	1571705
Ion Ratio	Lower	Upper	
91	100		
106	33.1	25.3	37.9





#67

m/p-Xvlenes

Concen: 227.983 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:106 Resp: 1243715

Ion Ratio Lower Upper

106 100

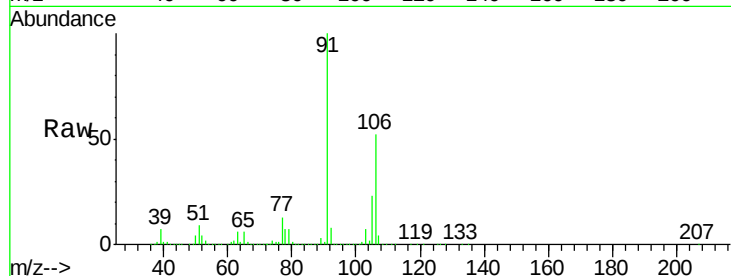
91 192.8 155.7 233.5

Manual Integrations

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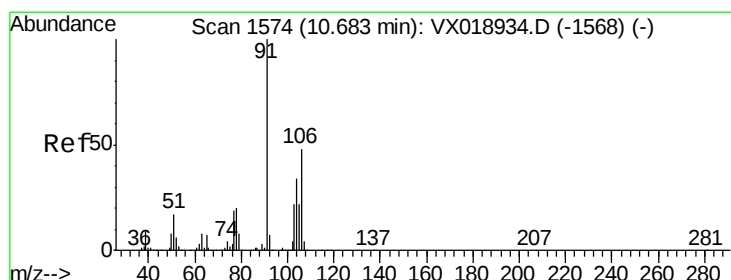
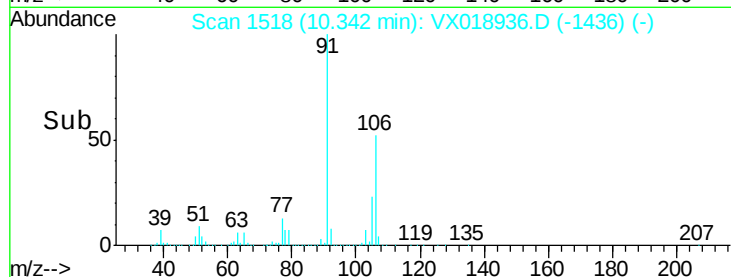
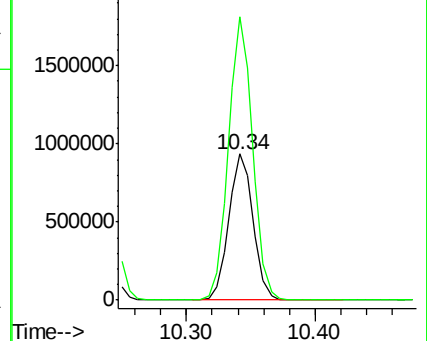
apatel

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 112.530 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018936.D

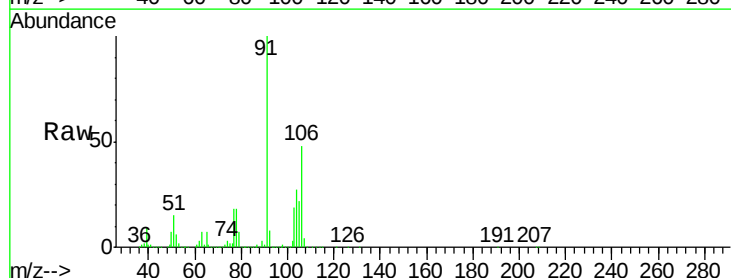
Acq: 15 Oct 2020 14:48

Tgt Ion:106 Resp: 583806

Ion Ratio Lower Upper

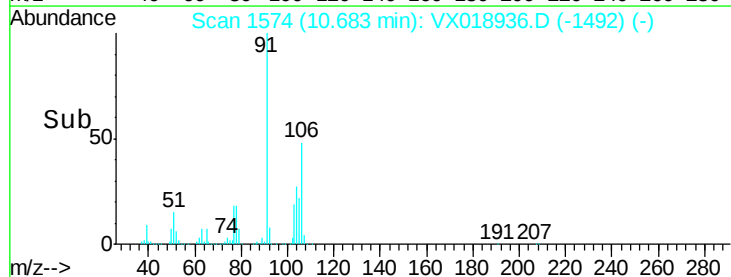
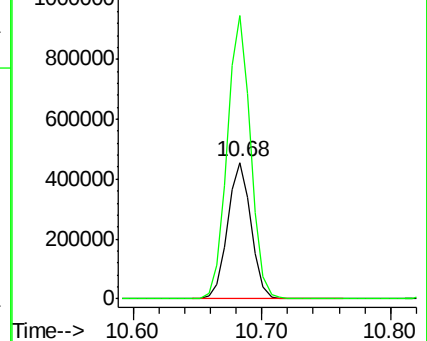
106 100

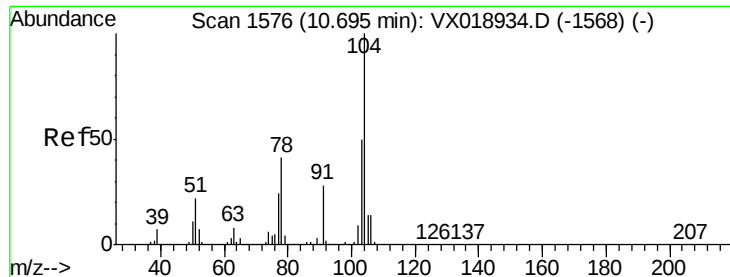
91 207.0 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





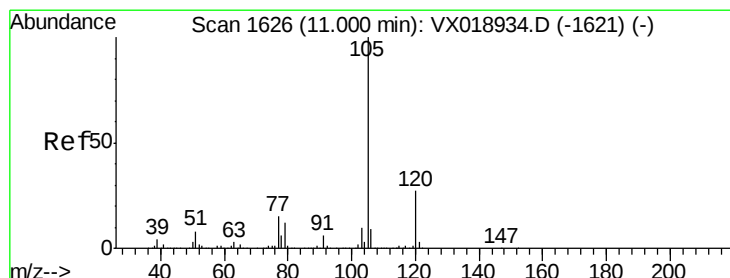
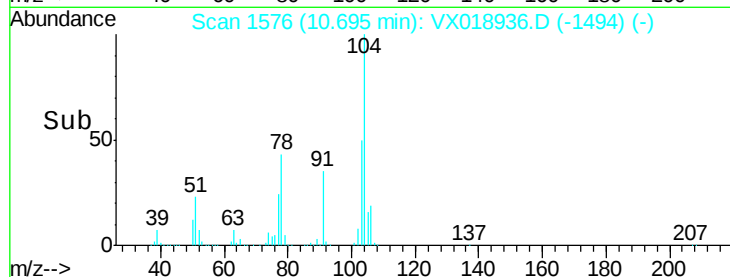
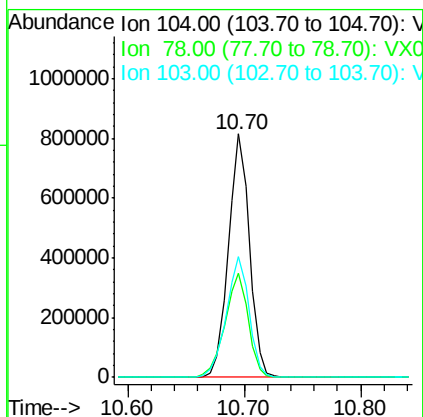
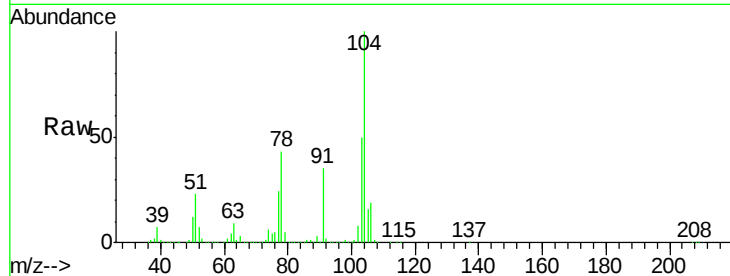
#69
Stvrene
Concen: 113.638 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.9	37.8	56.6
103	53.8	44.1	66.1

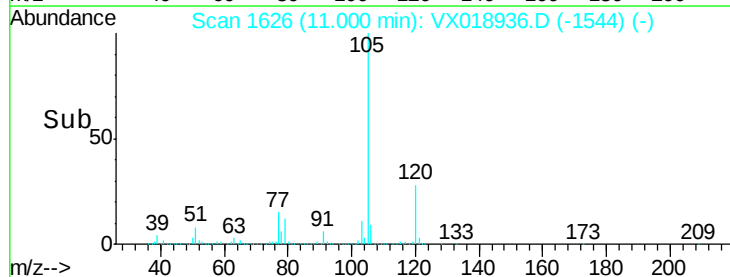
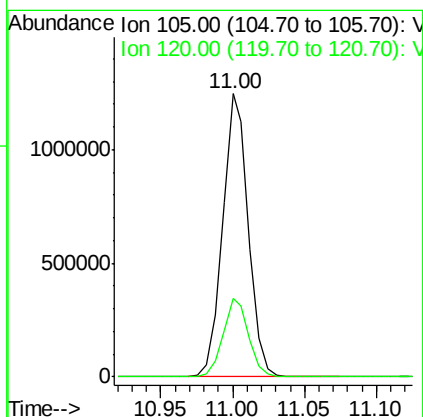
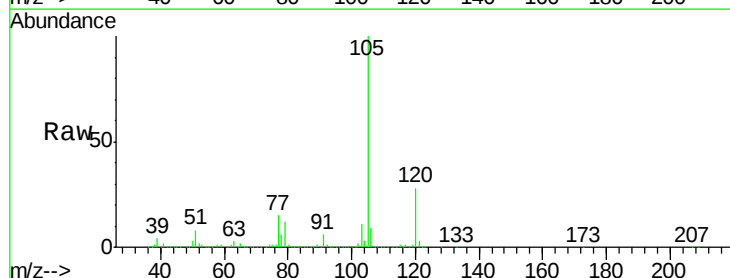
Manual Integrations
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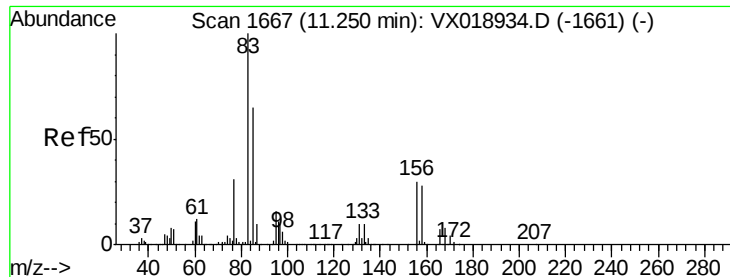
apatel
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#70
Isopropylbenzene
Concen: 108.888 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	19.4	36.0





#71

1,1,2,2-Tetrachloroethane

Concen: 108.041 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 494466

Ion Ratio Lower Upper

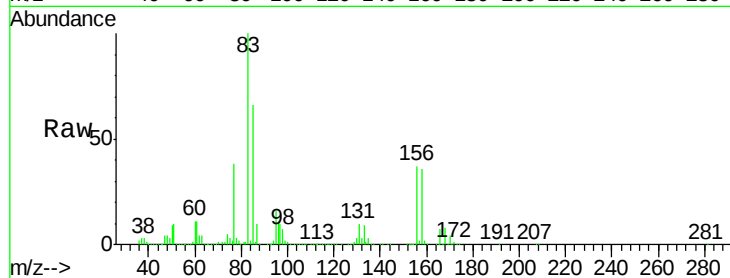
83 100

131 10.8 5.3 16.1

85 64.9 32.3 96.8

Manual Integrations
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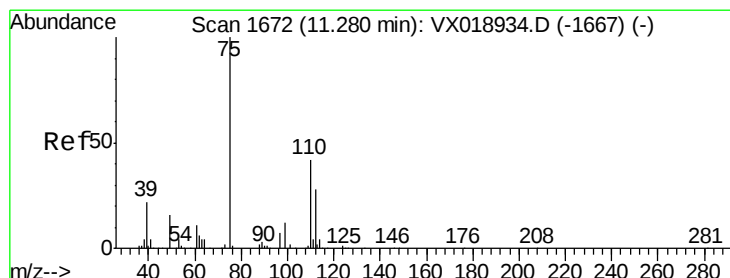
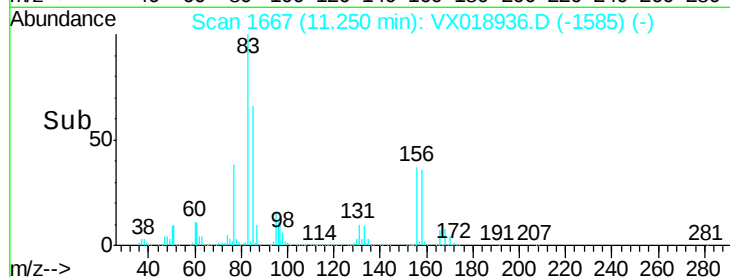
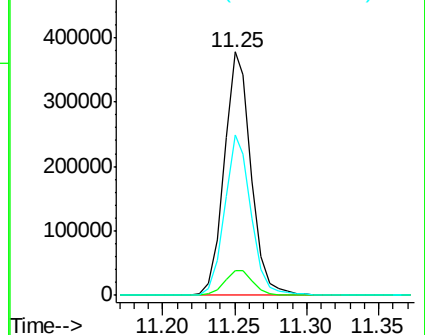
apatel
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 103.698 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018936.D

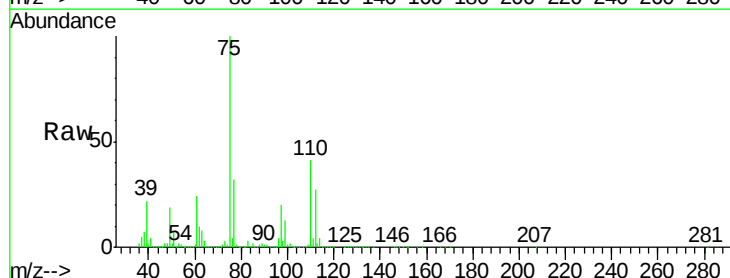
Acq: 15 Oct 2020 14:48

Tgt Ion: 75 Resp: 454857

Ion Ratio Lower Upper

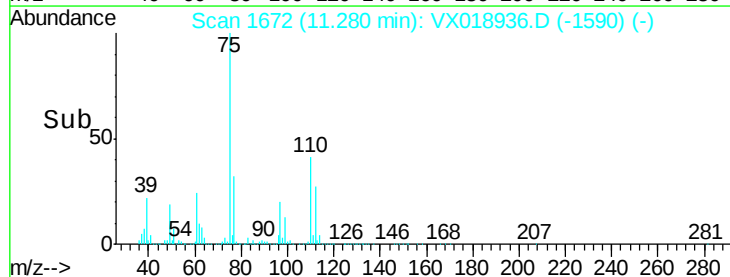
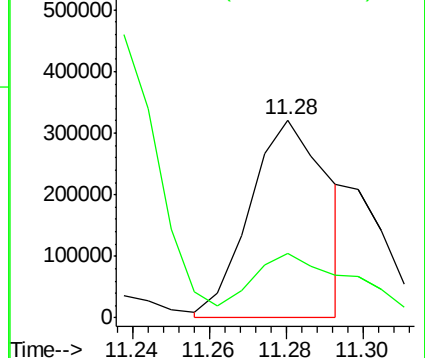
75 100

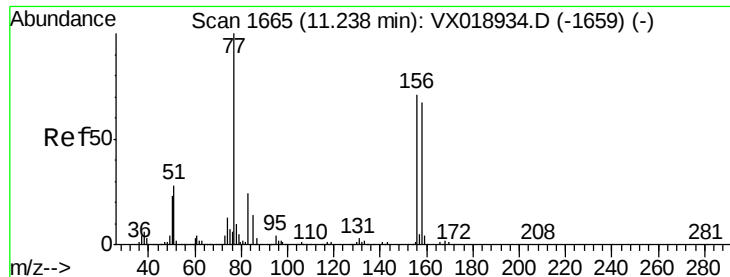
77 40.2 0.0 75.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 106.983 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

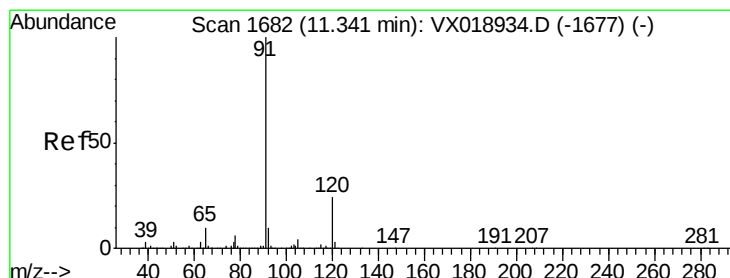
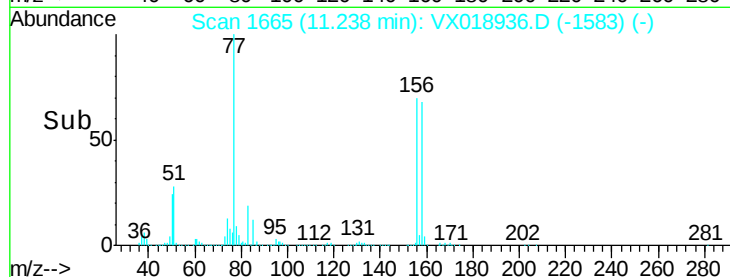
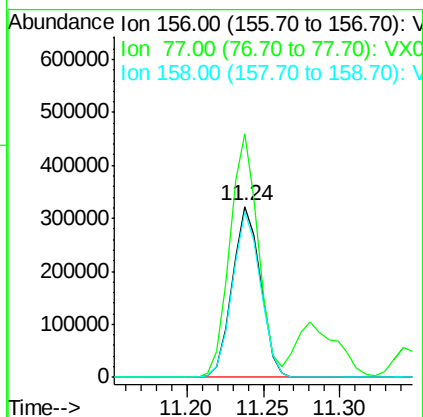
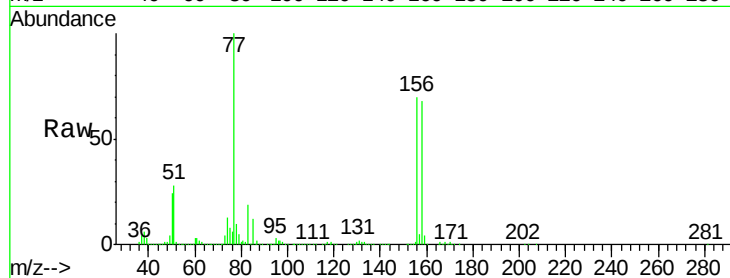
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	142.4	0.0	288.2
158	96.3	0.0	189.2

Manual Integrations
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#74

n-propylbenzene

Concen: 104.979 ug/l

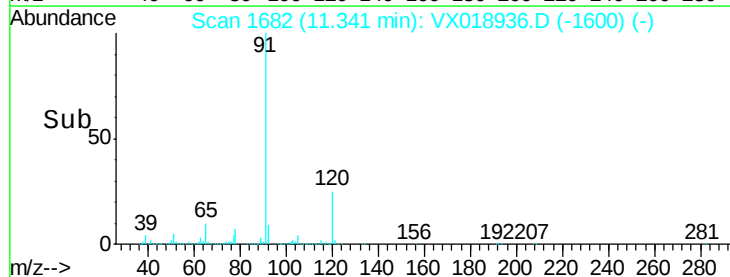
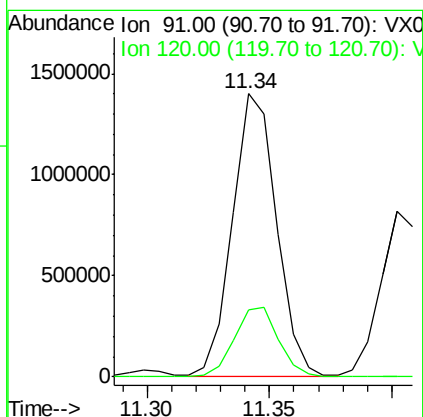
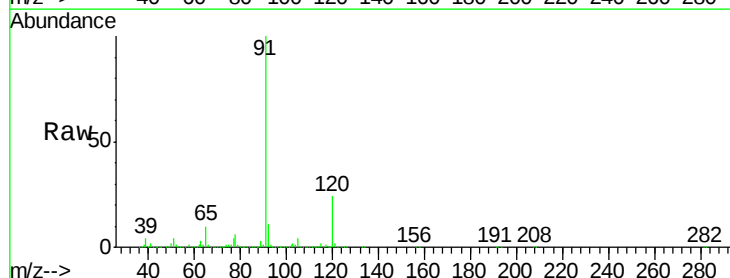
RT: 11.34 min Scan# 1682

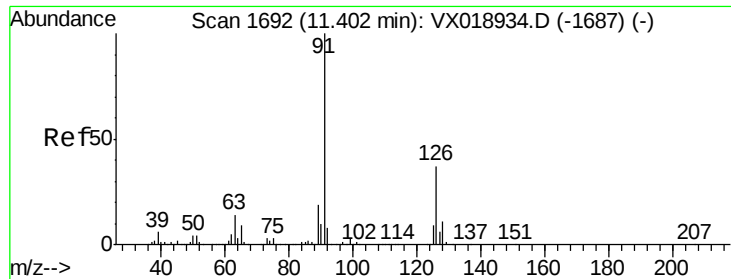
Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	0.0	48.4





#75

2-Chlorotoluene

Concen: 102.887 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1031113

Ion Ratio Lower Upper

91 100

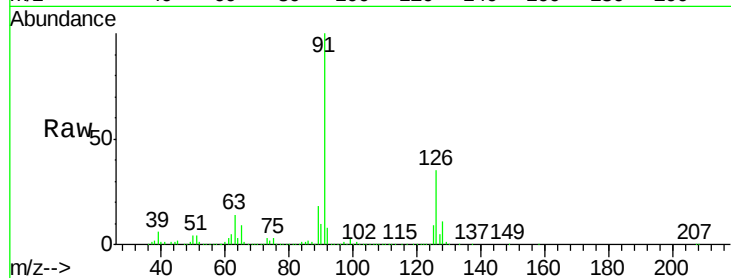
126 36.0 0.0 70.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX018936.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX018936.D (-1687) (-)

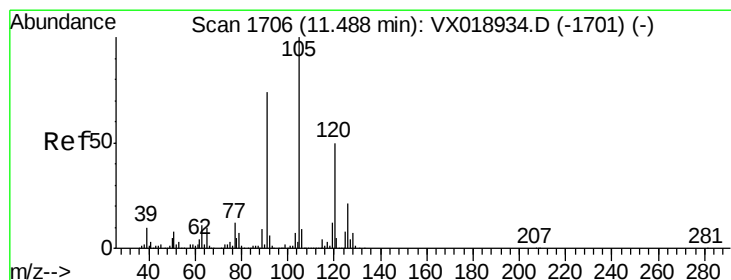
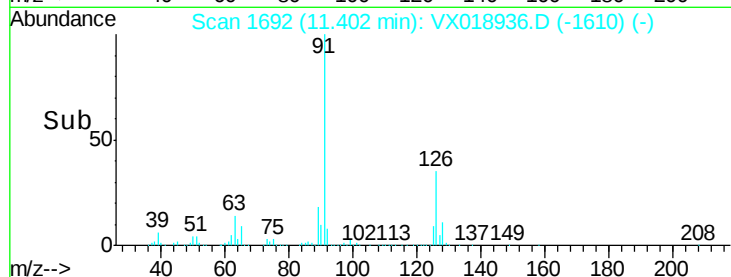
1500000

1000000

500000

0

Time--> 11.35 11.40 11.45



#76

1,3,5-Trimethylbenzene

Concen: 107.824 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018936.D

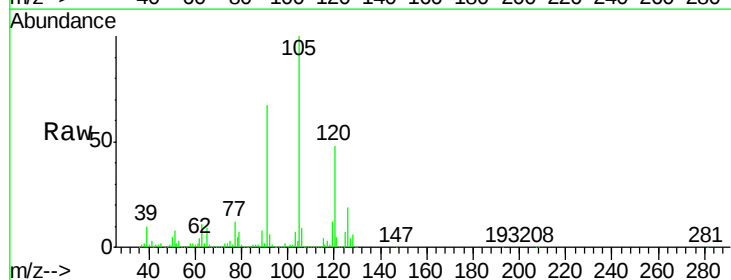
Acq: 15 Oct 2020 14:48

Tgt Ion: 105 Resp: 1331193

Ion Ratio Lower Upper

105 100

120 49.7 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VX018936.D (-1624) (-)

Ion 120.00 (119.70 to 120.70): VX018936.D (-1624) (-)

1200000

1000000

800000

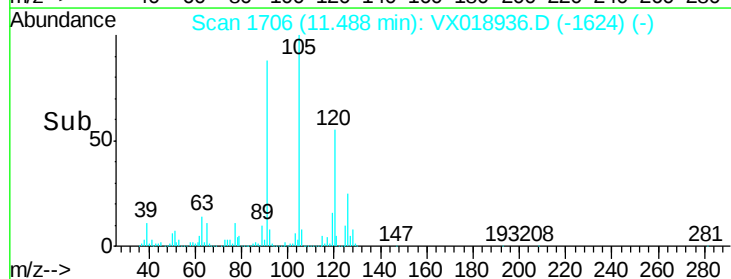
600000

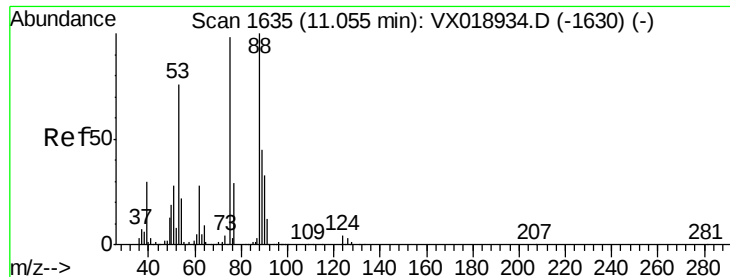
400000

200000

0

Time--> 11.45 11.50 11.55





#77

t-1,4-Dichloro-2-butene

Concen: 114.032 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 200482

Ion Ratio Lower Upper

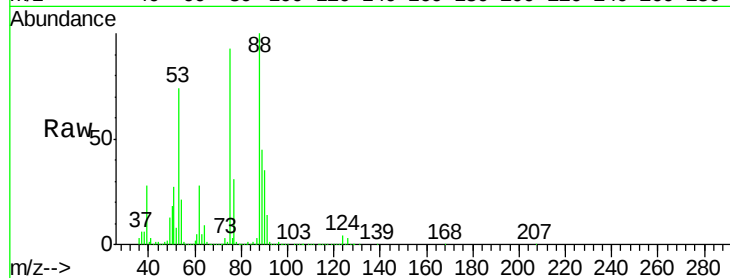
75 100

53 78.8 38.8 116.3

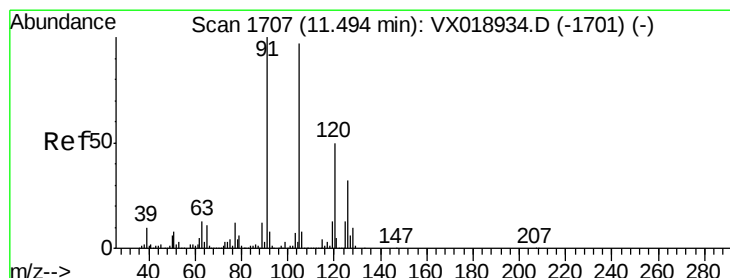
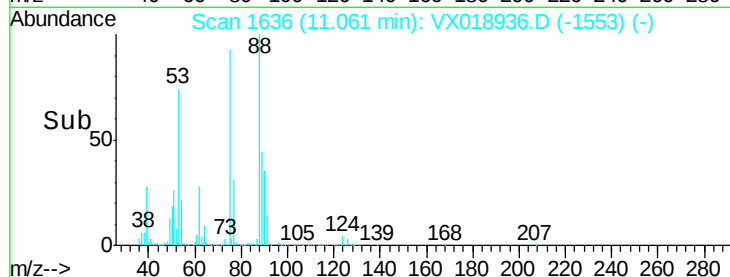
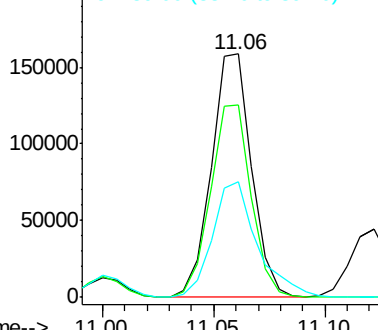
89 47.5 22.9 68.8

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Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 101.987 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018936.D

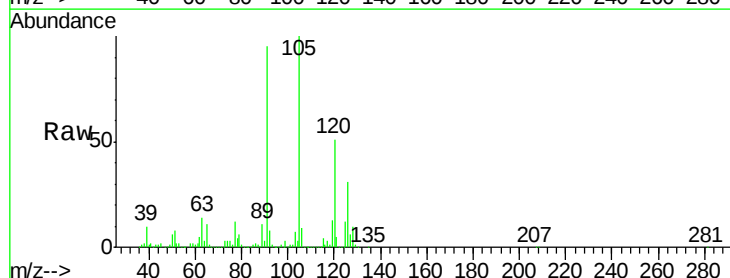
Acq: 15 Oct 2020 14:48

Tgt Ion: 91 Resp: 1216068

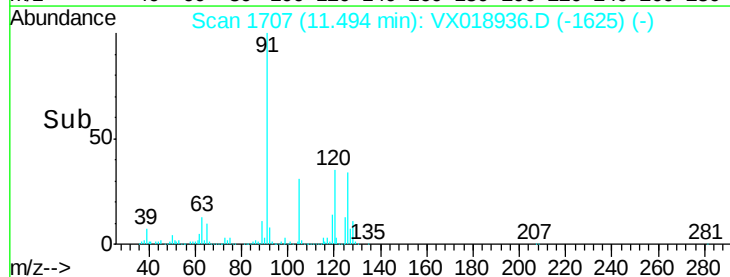
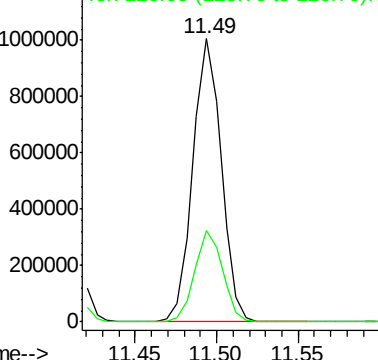
Ion Ratio Lower Upper

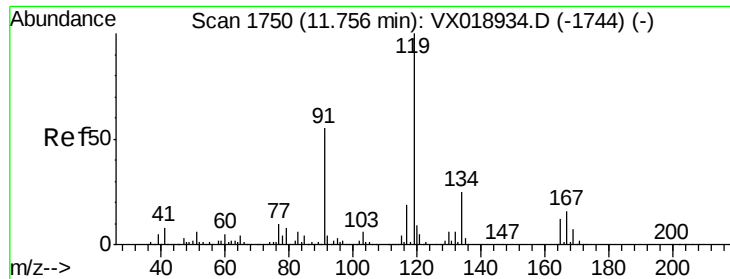
91 100

126 31.8 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





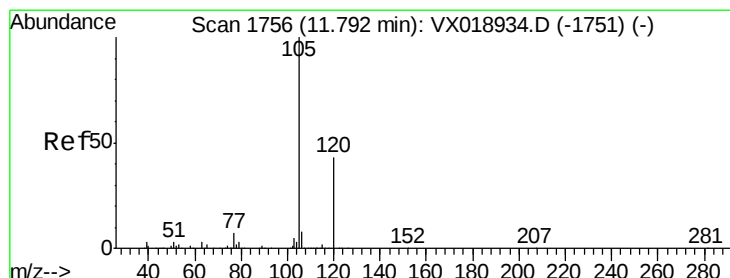
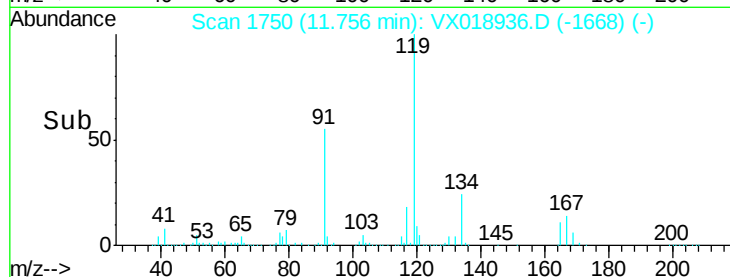
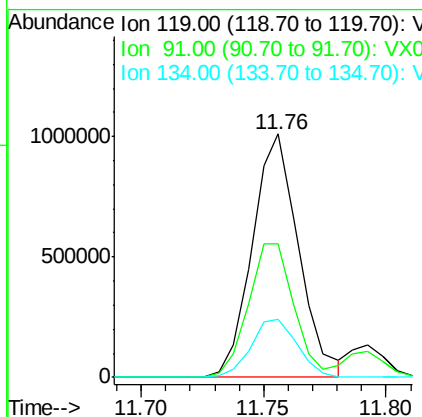
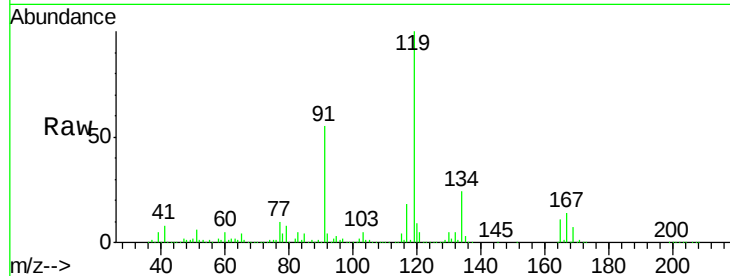
#79
tert-butylbenzene
Concen: 110.441 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.2	0.0	110.0
134	23.8	0.0	47.4

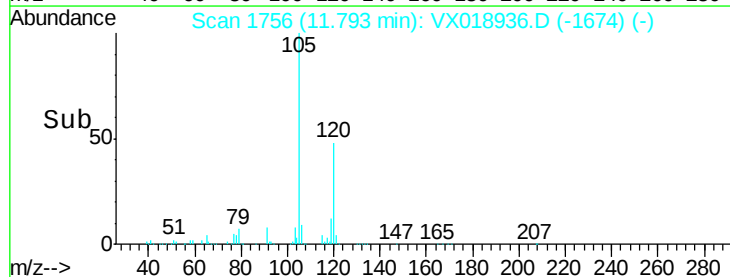
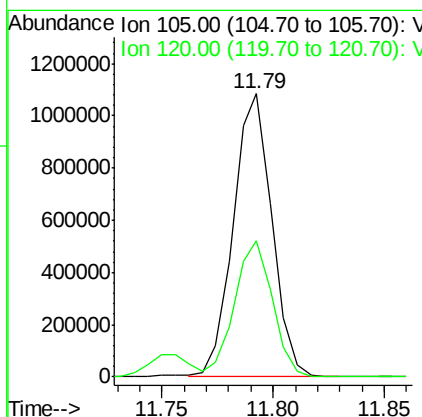
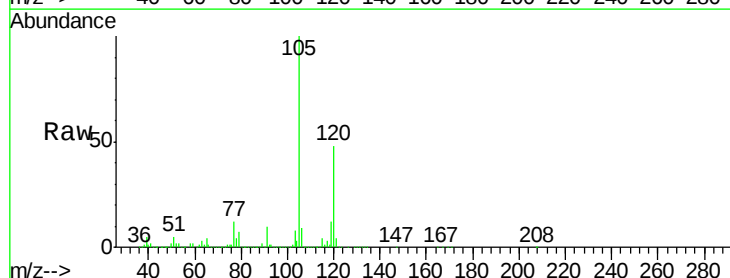
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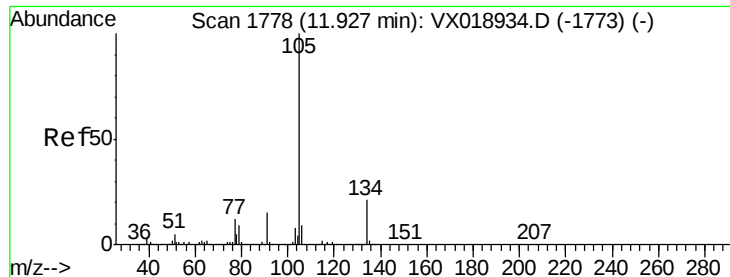
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#80
1,2,4-Trimethylbenzene
Concen: 107.031 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	0.0	93.0





#81

sec-Butylbenzene

Concen: 109.746 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 1535388

Ion Ratio Lower Upper

105 100

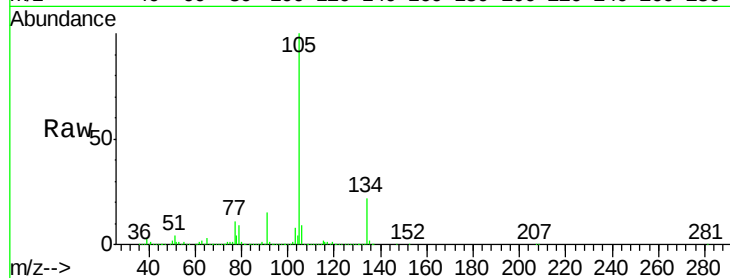
134 21.3 0.0 42.6

Manual Integrations

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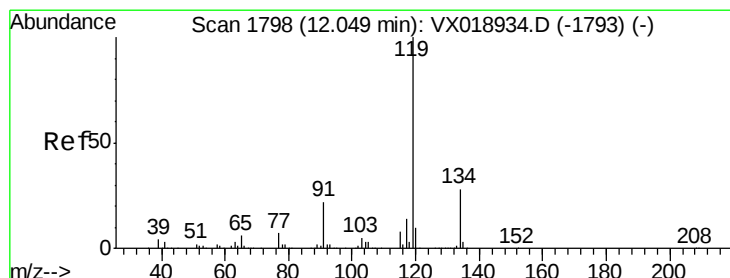
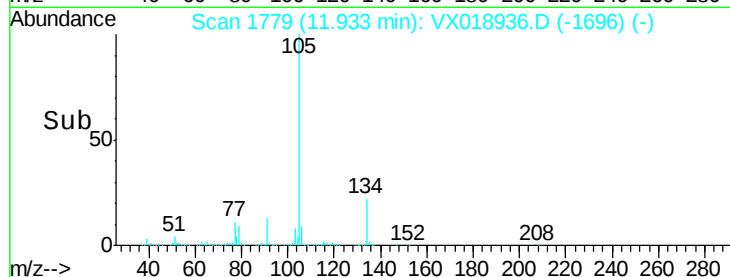
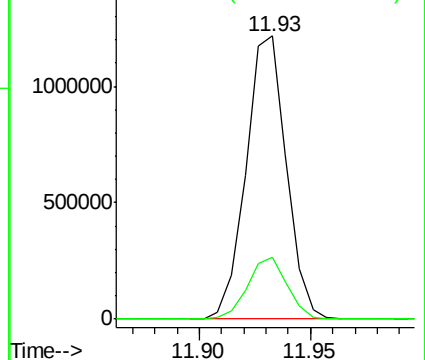
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 108.646 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

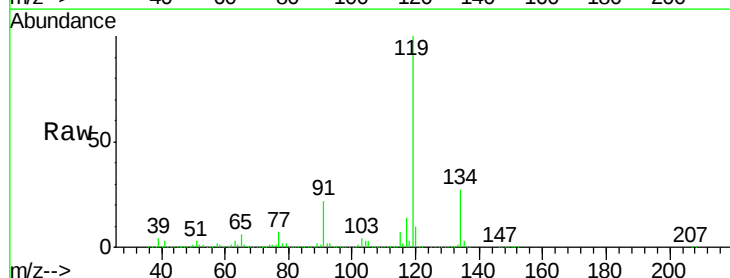
Tgt Ion:119 Resp: 1418263

Ion Ratio Lower Upper

119 100

134 27.5 0.0 54.8

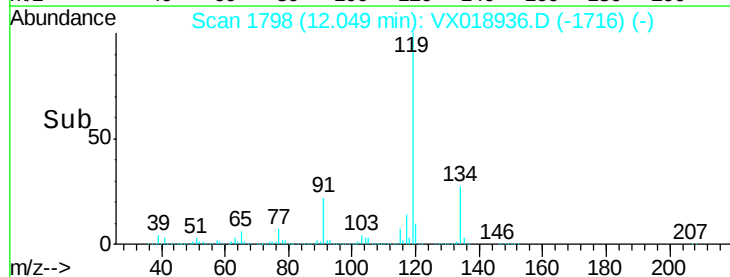
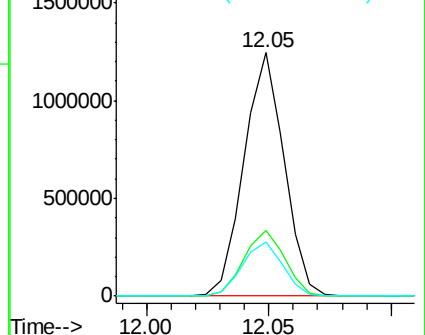
91 22.7 0.0 45.4

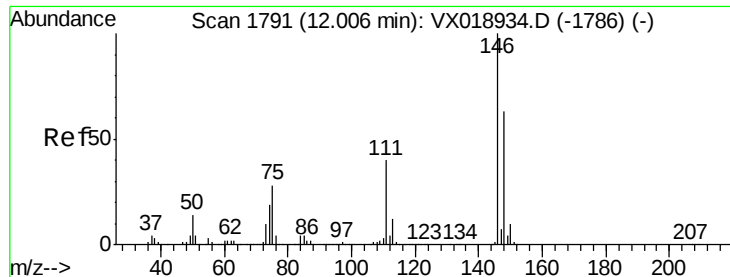


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





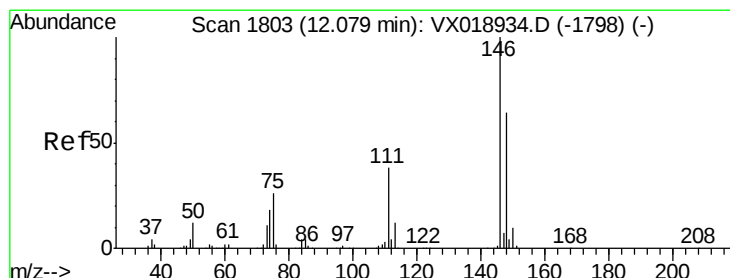
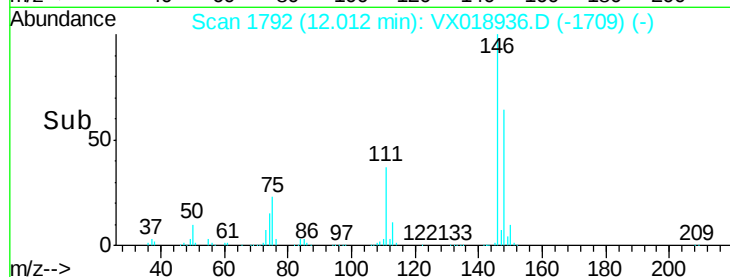
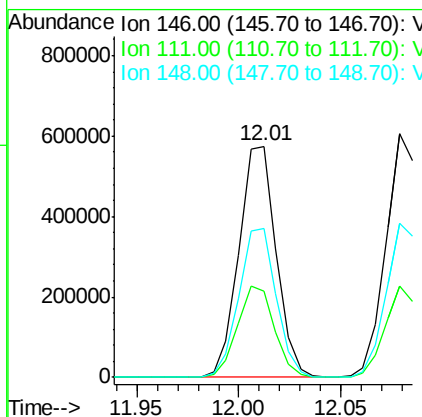
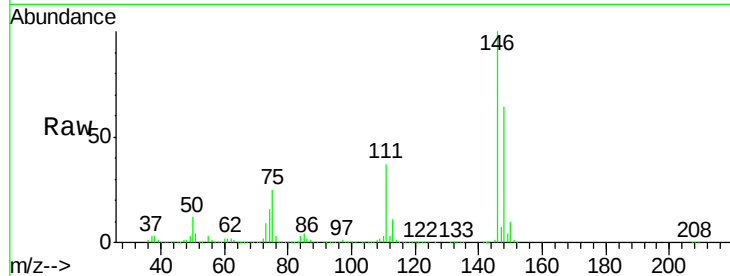
#83
 1,3-Dichlorobenzene
 Concen: 106.807 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.9	59.7
148	64.2	31.9	95.5

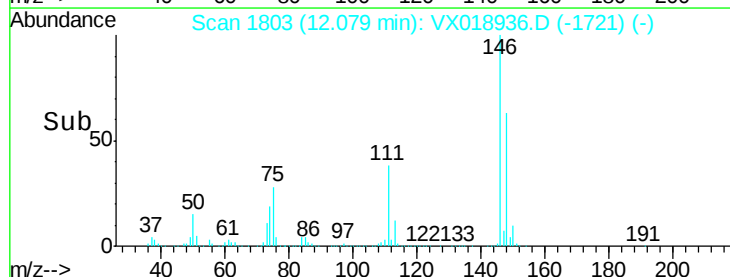
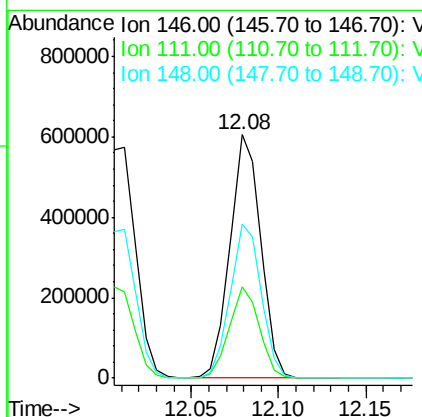
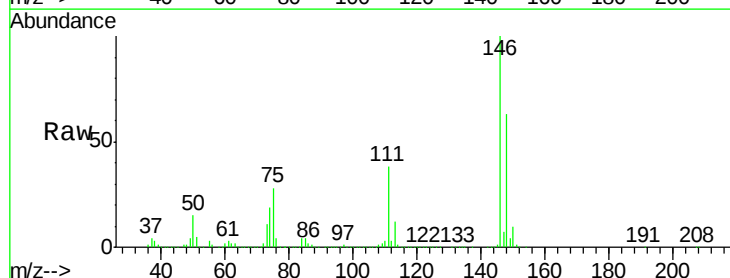
Manual Integrations
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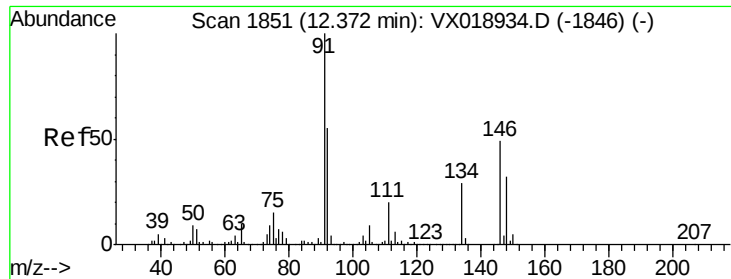
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#84
 1,4-Dichlorobenzene
 Concen: 108.121 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.6
148	63.9	32.1	96.5





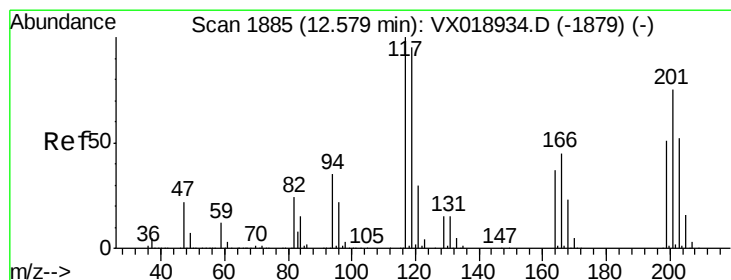
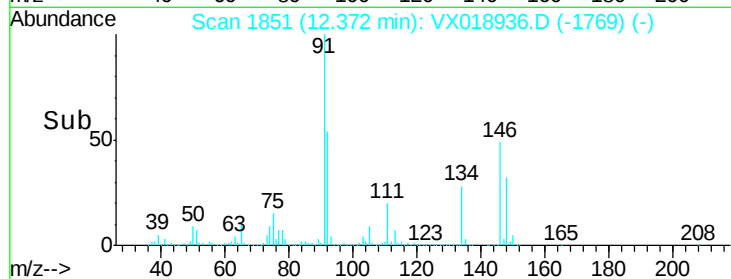
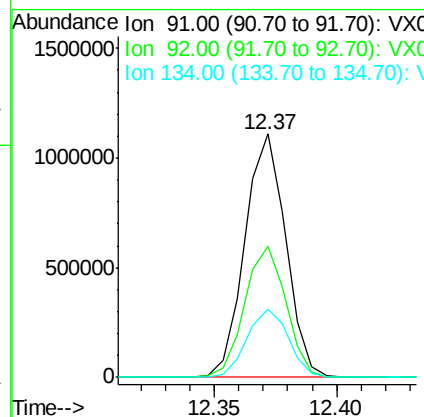
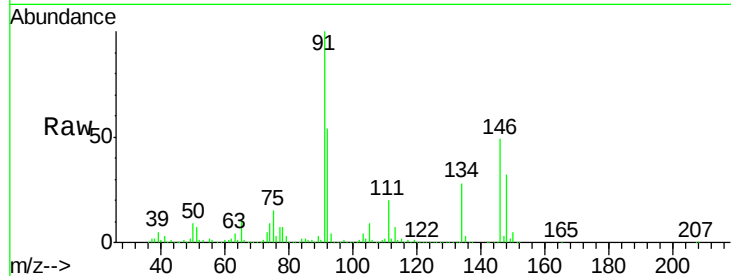
#85
n-Butylbenzene
Concen: 111.954 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	0.0	109.6
134	28.5	0.0	56.4

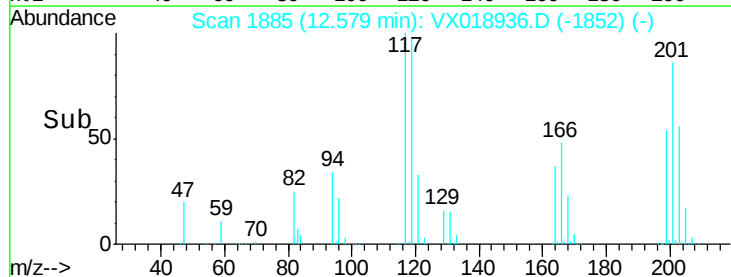
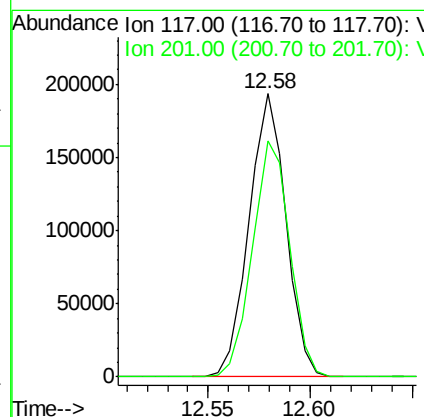
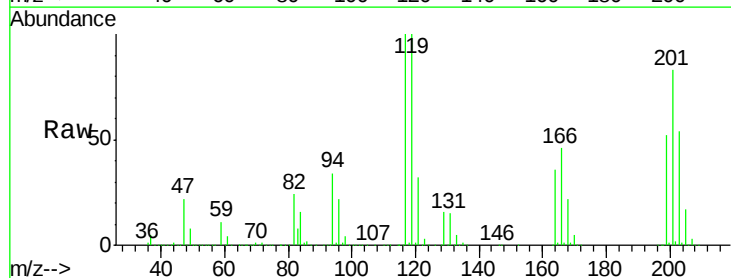
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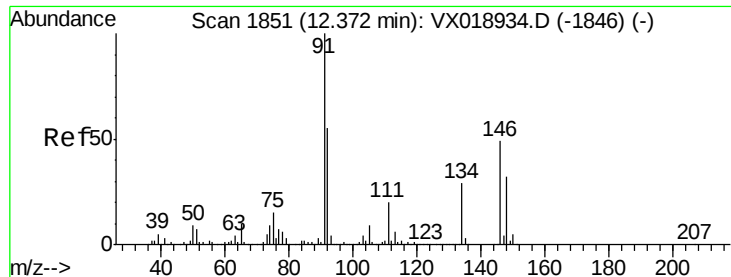
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#86
Hexachloroethane
Concen: 97.246 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.5	38.9	116.6





#87

1,2-Dichlorobenzene

Concen: 109.625 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

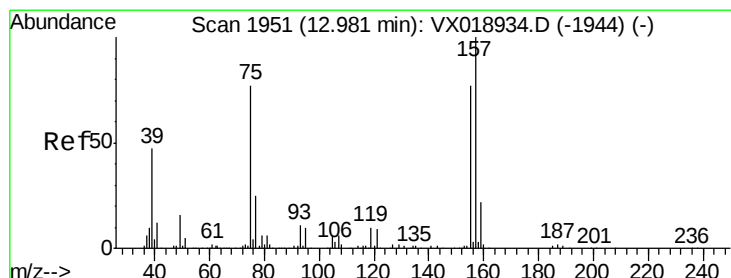
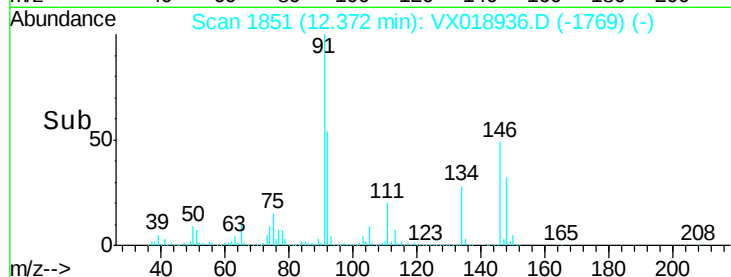
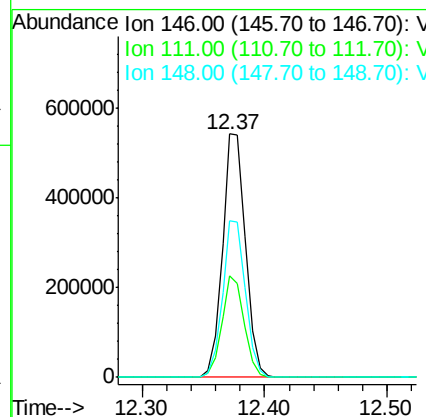
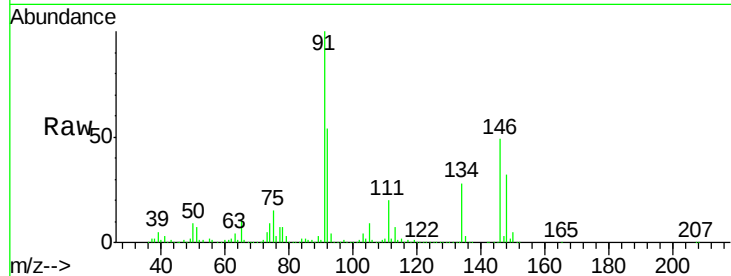
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	708373
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.9	59.6
148	64.0	31.9	95.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 103.750 ug/l

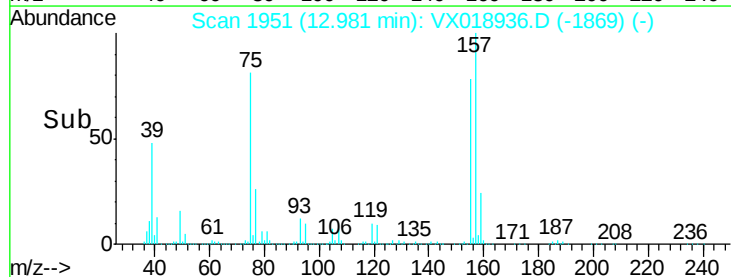
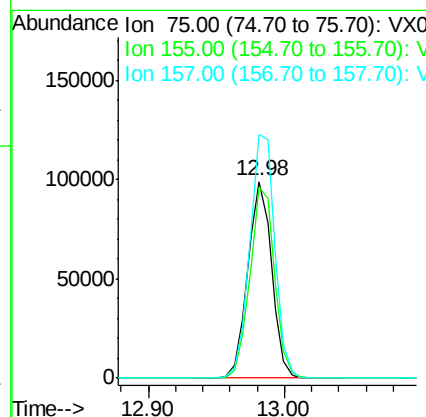
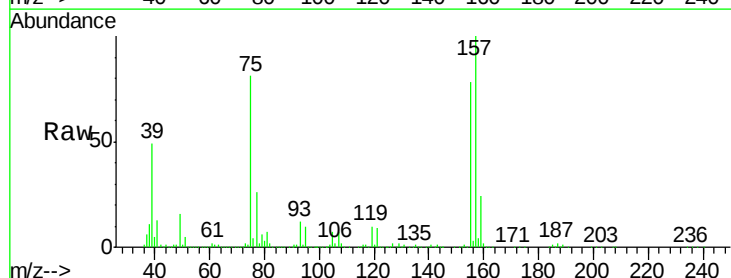
RT: 12.98 min Scan# 1951

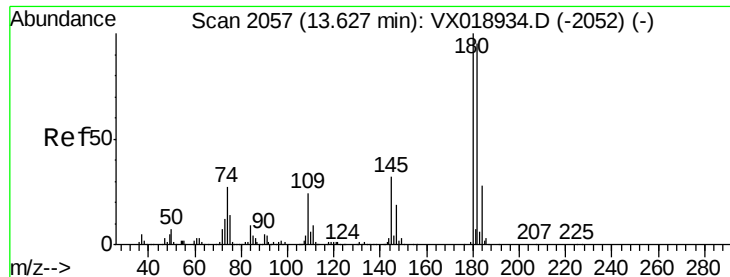
Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion:	75	Resp:	121557
Ion Ratio	Lower	Upper	
75	100		
155	100.1	79.3	118.9
157	129.7	104.2	156.4





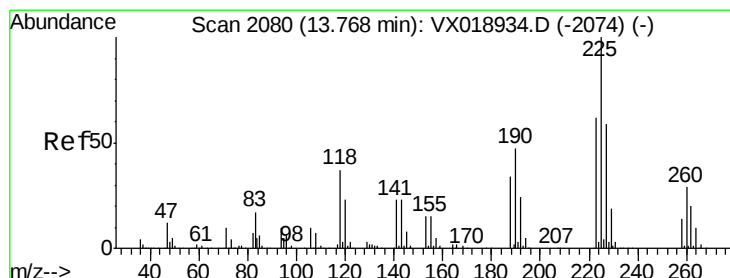
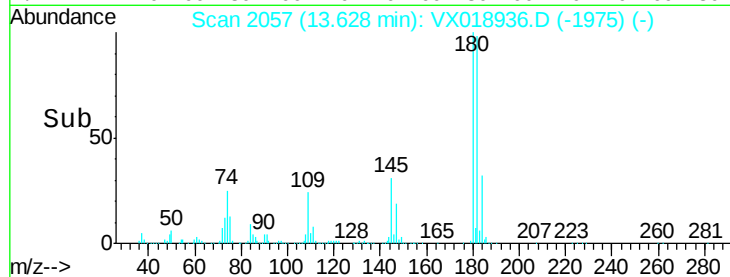
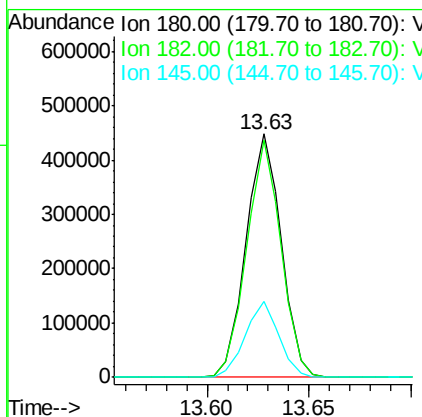
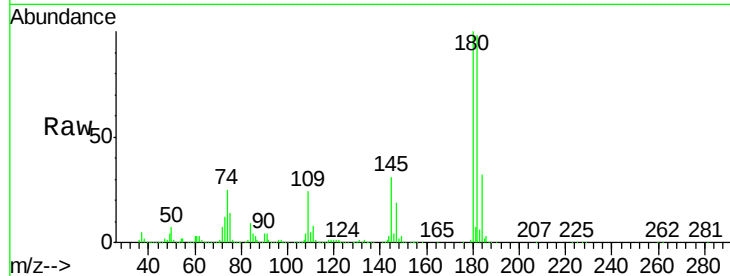
#89
 1,2,4-Trichlorobenzene
 Concen: 121.393 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	538552		
182	94.8	75.4	113.2	
145	29.9	24.8	37.2	

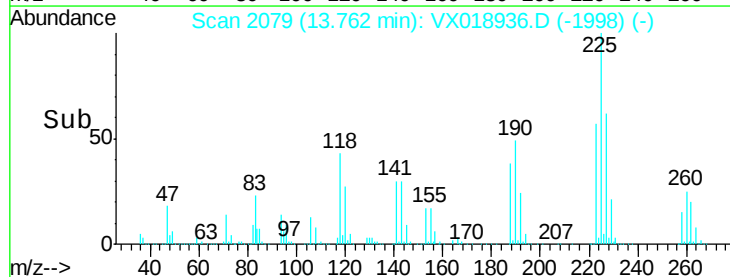
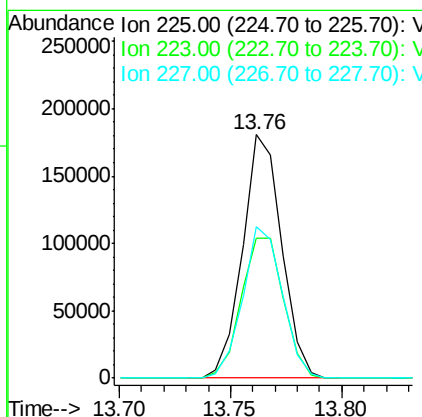
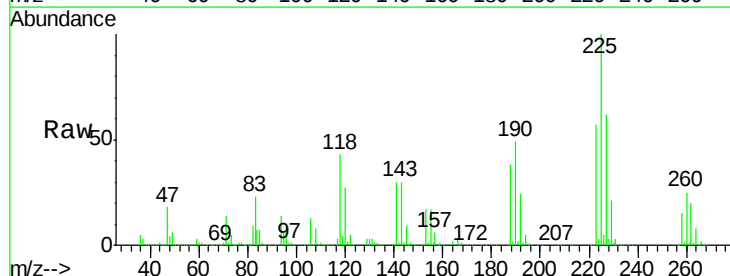
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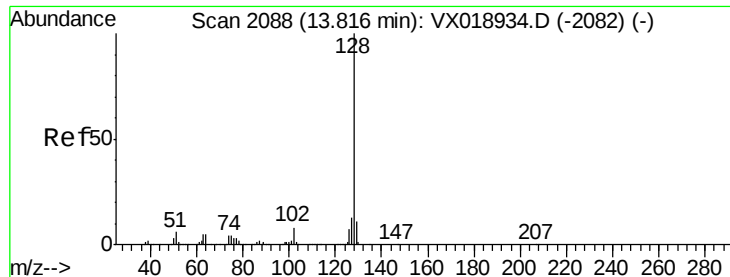
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#90
 Hexachlorobutadiene
 Concen: 119.523 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	221504		
223	62.7	0.0	128.8	
227	63.0	0.0	123.2	





#91

Naphthalene

Concen: 124.080 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

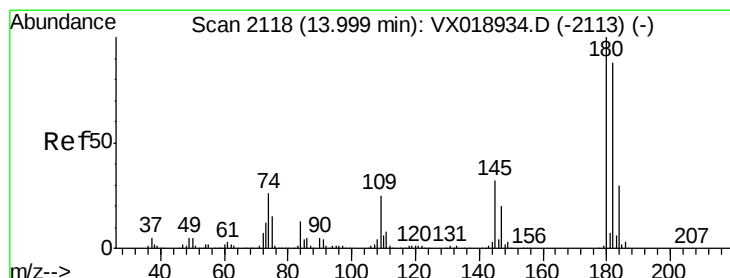
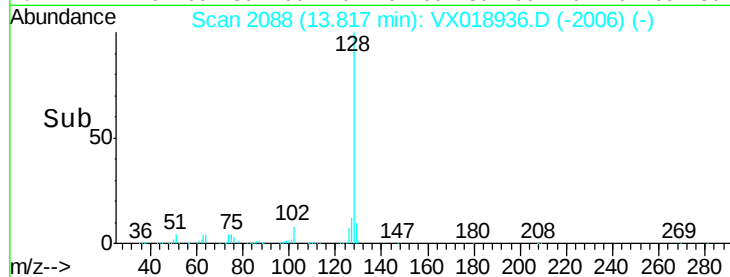
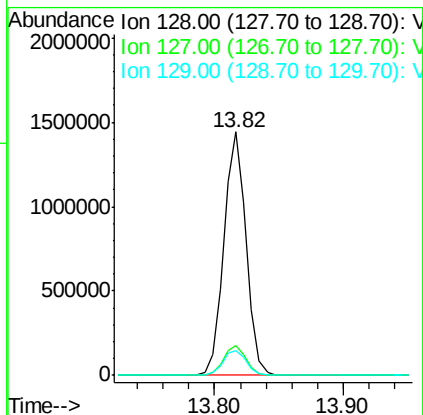
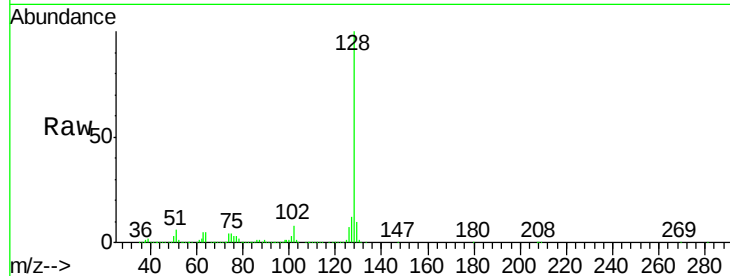
ClientSampleId :

VSTDIC100

Tot Ion:	128	Resp:	1739341
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.7	13.1

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#92

1,2,3-Trichlorobenzene

Concen: 119.341 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion:	180	Resp:	523305
Ion	Ratio	Lower	Upper
180	100		
182	96.9	0.0	190.8
145	31.5	0.0	64.4

