

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
 Data File : VX016952.D
 Acq On : 25 Jun 2020 14:12
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: Jun 26 08:53:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 08:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	39813	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	218274	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	206450	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	93477	30.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.57%
60) 4-Bromofluorobenzene	11.12	95	106395	30.90	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.00%
63) Toluene-d8	8.70	98	269186	29.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	322526	166.593	ug/l	97
3) Chloromethane	1.31	50	379133	144.409	ug/l	100
4) Vinyl Chloride	1.39	62	388450	145.087	ug/l	95
5) Bromomethane	1.62	94	242096	125.583	ug/l	98
6) Chloroethane	1.70	64	254391	147.323	ug/l	99
7) Trichlorofluoromethane	1.91	101	638186	146.567	ug/l	98
8) Diethyl Ether	2.17	74	232507	146.752	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	324886	140.587	ug/l	98
10) 1,1-Dichloroethene	2.35	96	331735	145.550	ug/l	93
11) Methyl Iodide	2.49	142	510574	167.775	ug/l	98
12) Methyl Acetate	2.75	43	427040	148.538	ug/l	99
13) Acrolein	2.28	56	357444	787.932	ug/l	100
14) Acrylonitrile	3.12	53	1026648	753.965	ug/l	99
15) Acetone	2.42	58	260939	740.498	ug/l	100
16) Carbon Disulfide	2.54	76	1031230	143.927	ug/l	99
17) Allyl chloride	2.70	41	638030	149.539	ug/l	99
18) Methylene Chloride	2.83	84	386975	140.964	ug/l	97
19) trans-1,2-Dichloroethene	3.14	96	378691	146.643	ug/l	99
20) Diisopropyl ether	3.82	45	1290026	151.289	ug/l	97
21) 1,1-Dichloroethane	3.67	63	690631	146.887	ug/l	99
22) cis-1,2-Dichloroethene	4.57	96	430378	149.689	ug/l	98
23) tert-Butyl Alcohol	3.03	59	452826	2837.071	ug/l	100
24) Methyl tert-Butyl Ether	3.17	73	1232361	151.429	ug/l	99
25) Chloroform	5.18	83	704385	147.760	ug/l	99
26) Cyclohexane	5.55	56	599656	146.204	ug/l	# 96
29) 1,1-Dichloropropene	5.77	75	530421	149.171	ug/l	99
30) 2-Butanone	4.64	43	1423758	768.180	ug/l	100
31) 2,2-Dichloropropane	4.56	77	595158	145.945	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	643510	149.564	ug/l	98
33) Carbon Tetrachloride	5.76	117	571940	149.893	ug/l	97
34) Benzene	6.11	78	1541929	148.927	ug/l	98
35) Methacrylonitrile	5.01	41	313258	153.147	ug/l	97
36) 1,2-Dichloroethane	6.17	62	582299	146.849	ug/l	98
37) Trichloroethene	7.19	130	417460	147.764	ug/l	95
38) Methylcyclohexane	7.44	83	605869	149.620	ug/l	100
39) 1,2-Dichloropropane	7.49	63	399693	148.178	ug/l	97
40) Dibromomethane	7.64	93	278956	150.053	ug/l	99

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 VSTDICC150

Quant Time: Jun 26 08:53:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 08:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	582303	151.264	ug/l	94
42) Vinyl Acetate	3.79	43	5769833	772.515	ug/l	100
43) Ethyl Acetate	4.80	43	582605	152.140	ug/l	99
44) Isopropyl Acetate	6.42	43	977712	154.504	ug/l	99
45) 1,4-Dioxane	7.71	88	194748	3050.546	ug/l	97
46) Methyl methacrylate	7.74	41	470700	160.732	ug/l	96
47) n-amyl Acetate	10.88	43	906002	161.976	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	664003	156.001	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	682448	152.562	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	390606	150.551	ug/l	98
51) Ethyl methacrylate	9.16	69	654065	164.267	ug/l	97
52) 1,3-Dichloropropane	9.35	76	666668	149.666	ug/l	98
53) Dibromochloromethane	9.57	129	465270	156.023	ug/l	99
54) 1,2-Dibromoethane	9.65	107	421133	152.967	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	1634128	779.894	ug/l	100
56) Bromoform	10.84	173	347201	164.019	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	2928928	770.190	ug/l	99
59) 2-Hexanone	9.48	43	2198700	774.701	ug/l	99
61) Tetrachloroethene	9.32	164	372441	141.459	ug/l	96
62) Toluene	8.77	91	1650790	146.193	ug/l	99
64) Chlorobenzene	10.12	112	1059770	149.806	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	403322	151.444	ug/l	100
66) Ethyl Benzene	10.24	91	1886067	150.620	ug/l	99
67) m/p-Xylenes	10.34	106	1440723	304.995	ug/l	98
68) o-Xylene	10.68	106	699778	154.219	ug/l	99
69) Styrene	10.70	104	1245992	160.372	ug/l	98
70) Isopropylbenzene	11.00	105	1900025	154.384	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	576956	152.646	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	723843	199.421	ug/l	89
73) Bromobenzene	11.24	156	473609	152.479	ug/l	98
74) n-propylbenzene	11.35	91	2239013	153.222	ug/l	100
75) 2-Chlorotoluene	11.41	91	1296378	152.136	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	1600912	154.971	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	231184	157.163	ug/l	97
78) 4-Chlorotoluene	11.49	91	1551443	153.773	ug/l	97
79) tert-butylbenzene	11.76	119	1543217	155.941	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1590109	153.322	ug/l	99
81) sec-Butylbenzene	11.93	105	1835645	153.204	ug/l	99
82) p-Isopropyltoluene	12.05	119	1653652	152.854	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	826700	148.523	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	852331	152.404	ug/l	99
85) n-Butylbenzene	12.37	91	1569950	156.780	ug/l	99
86) Hexachloroethane	12.58	117	331680	156.661	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	790989	151.825	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	134337	156.216	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	555297	157.982	ug/l	94
90) Hexachlorobutadiene	13.77	225	199649	149.314	ug/l	98
91) Naphthalene	13.82	128	1804308	156.607	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	521502	152.033	ug/l	95

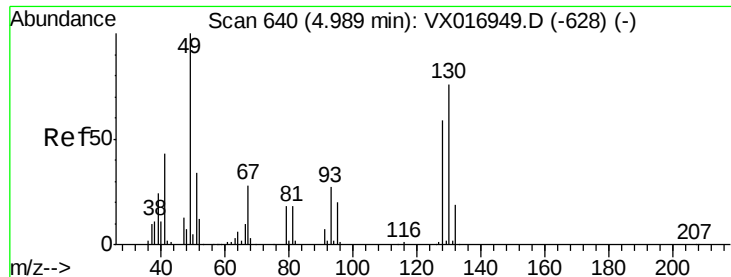
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

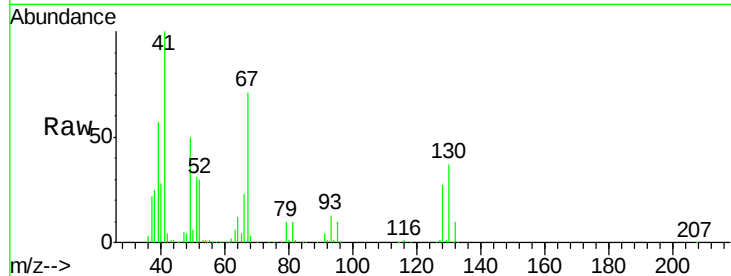
Tgt Ion:128 Resp: 39813

Ion Ratio Lower Upper

128 100

49 181.3 0.0 428.0

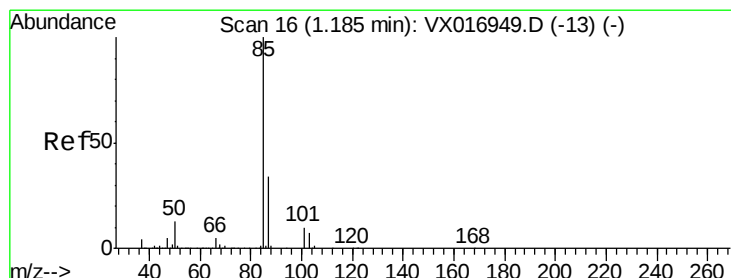
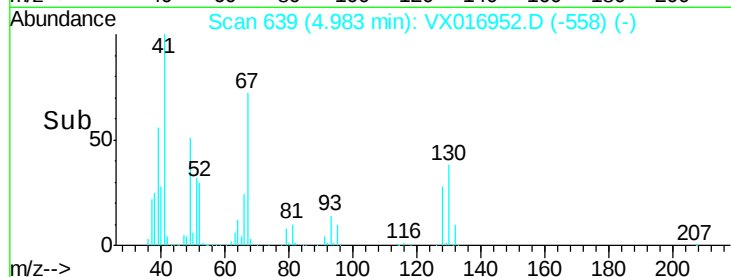
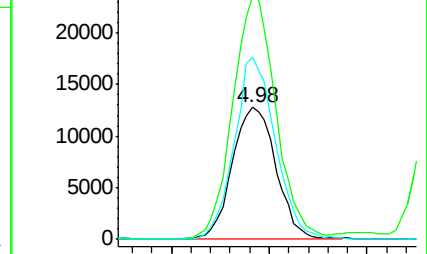
130 129.6 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 166.593 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016952.D

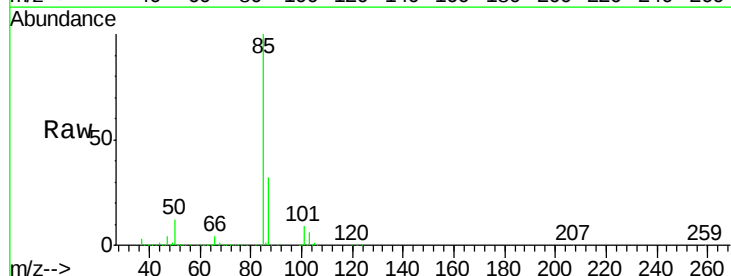
Acq: 25 Jun 2020 14:12

Tgt Ion: 85 Resp: 322526

Ion Ratio Lower Upper

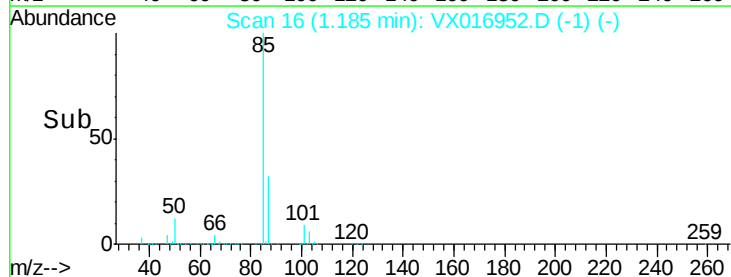
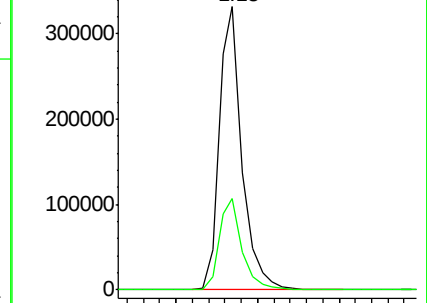
85 100

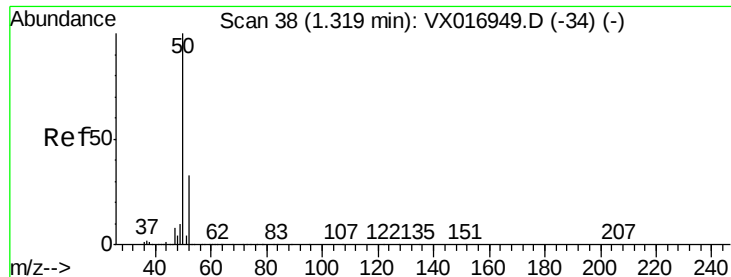
87 32.2 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 144.409 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

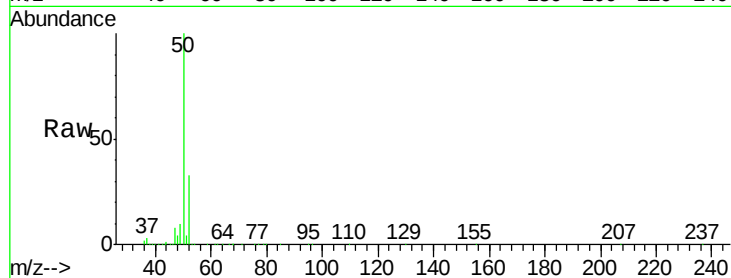
VSTDIC150

Tgt Ion: 50 Resp: 379133

Ion Ratio Lower Upper

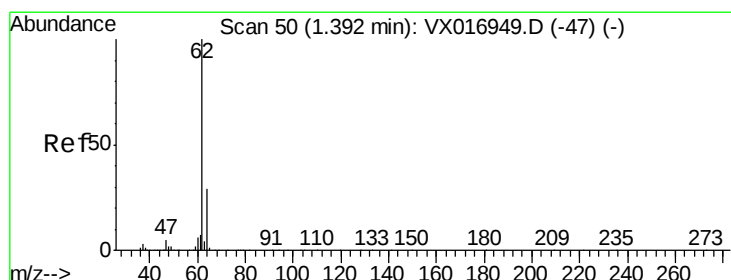
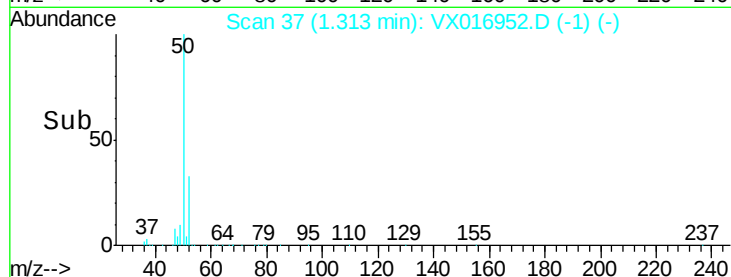
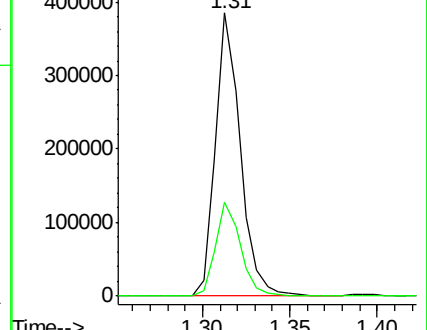
50 100

52 33.1 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 145.087 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016952.D

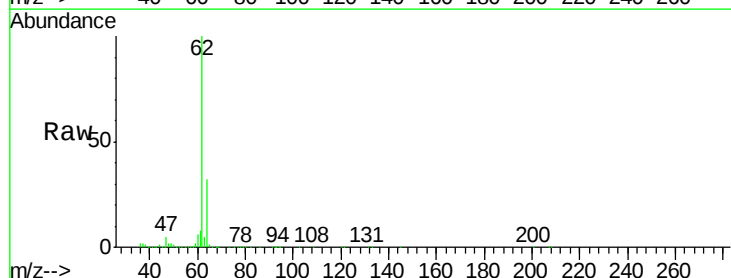
Acq: 25 Jun 2020 14:12

Tgt Ion: 62 Resp: 388450

Ion Ratio Lower Upper

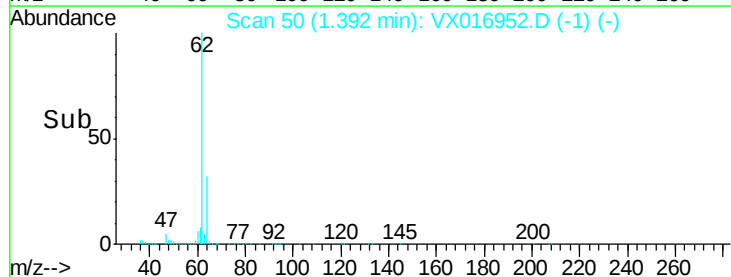
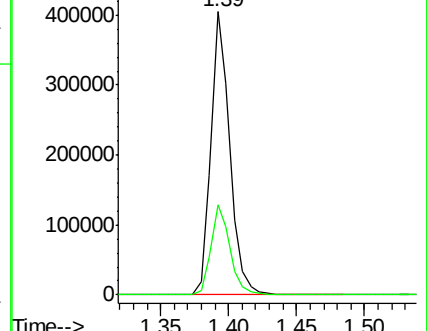
62 100

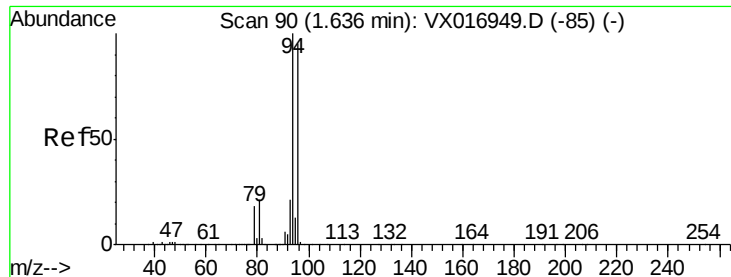
64 31.9 23.4 35.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 125.583 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampled :

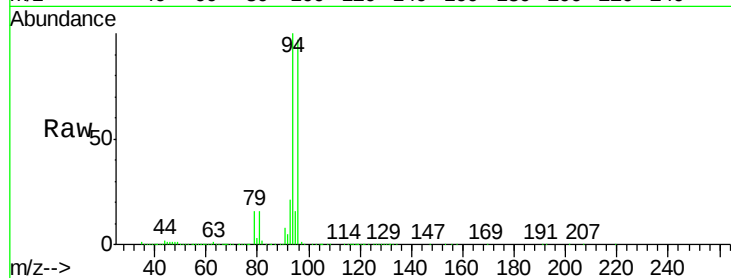
VSTDIC150

Tgt Ion: 94 Resp: 242096

Ion Ratio Lower Upper

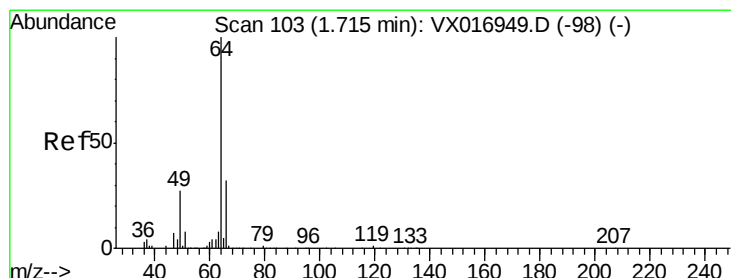
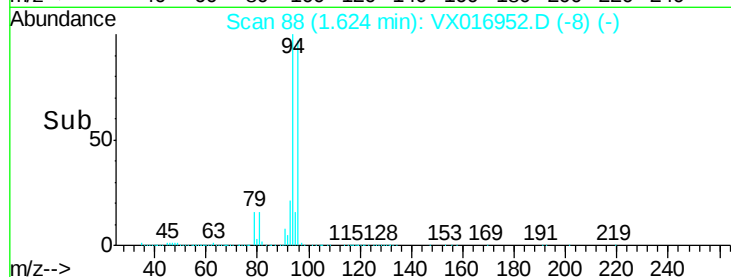
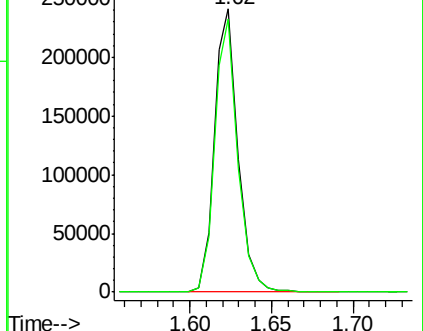
94 100

96 96.7 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 147.323 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.02 min

Lab File: VX016952.D

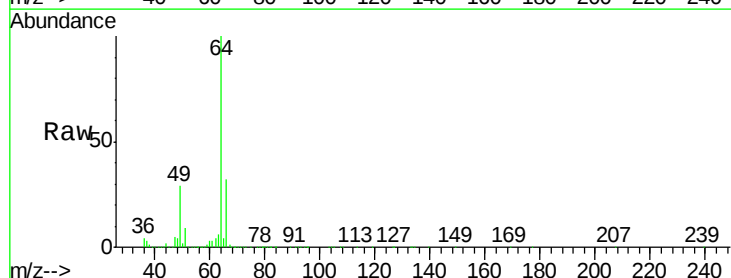
Acq: 25 Jun 2020 14:12

Tgt Ion: 64 Resp: 254391

Ion Ratio Lower Upper

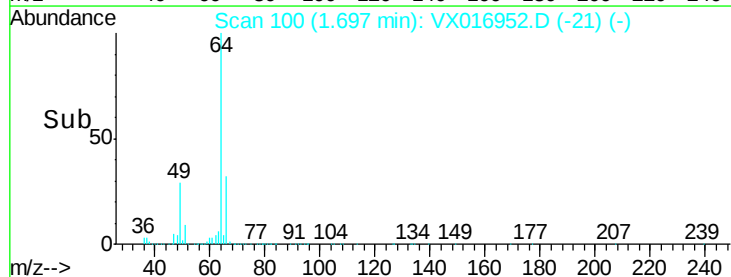
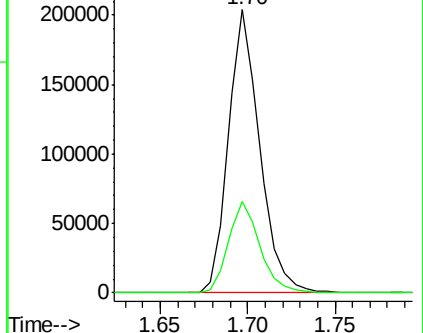
64 100

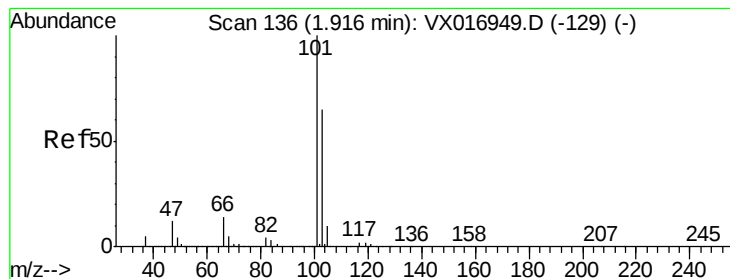
66 32.3 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



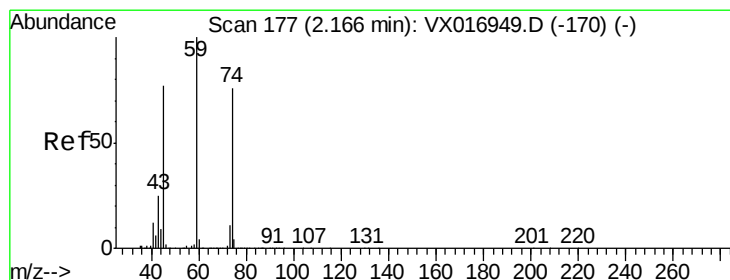
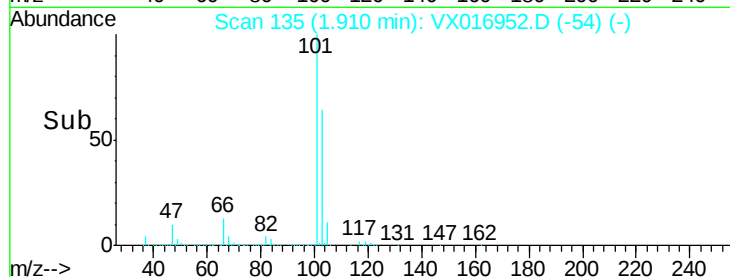
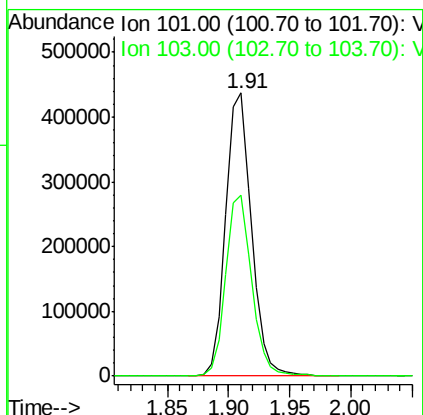
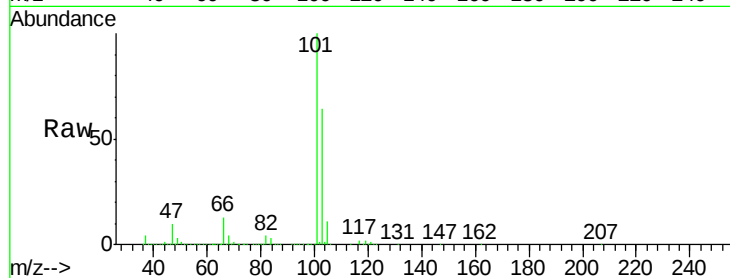


#7

Trichlorofluoromethane
Concen: 146.567 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

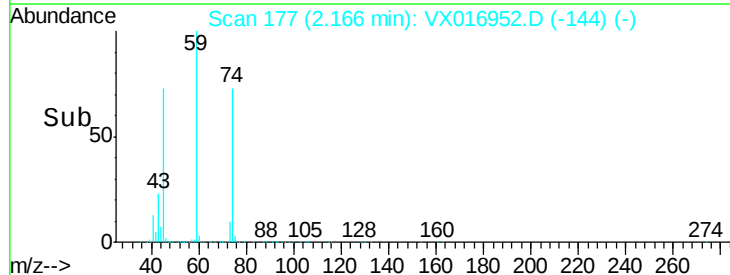
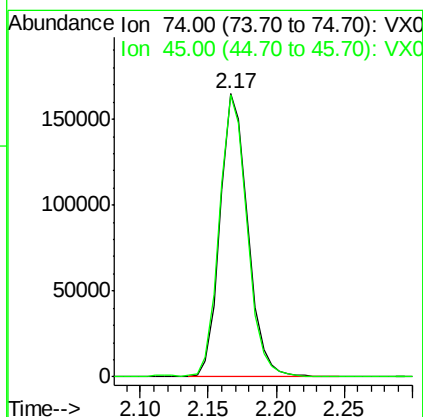
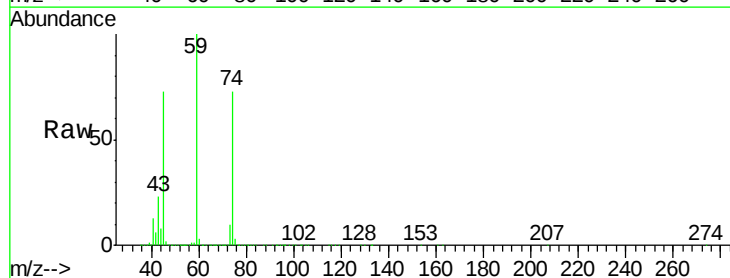
Tgt Ion: 101 Resp: 638186
Ion Ratio Lower Upper
101 100
103 63.9 52.1 78.1

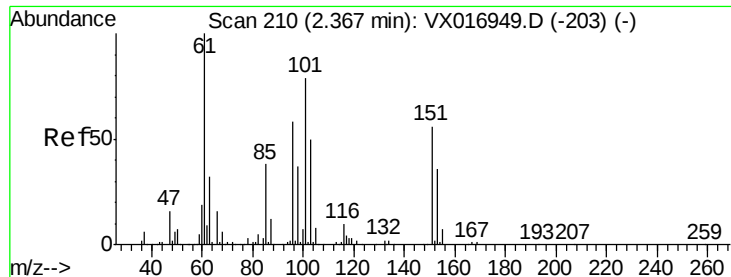


#8

Diethyl Ether
Concen: 146.752 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Tgt Ion: 74 Resp: 232507
Ion Ratio Lower Upper
74 100
45 100.0 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.587 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

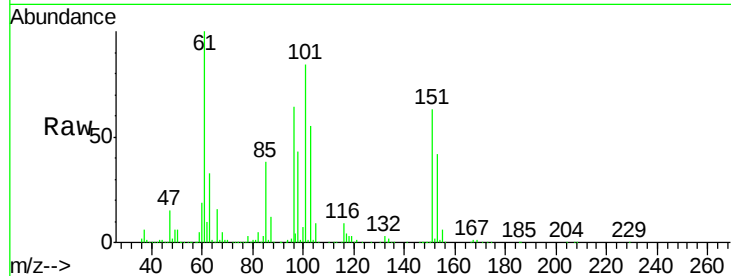
Tgt Ion:101 Resp: 324886

Ion Ratio Lower Upper

101 100

85 45.3 0.0 94.6

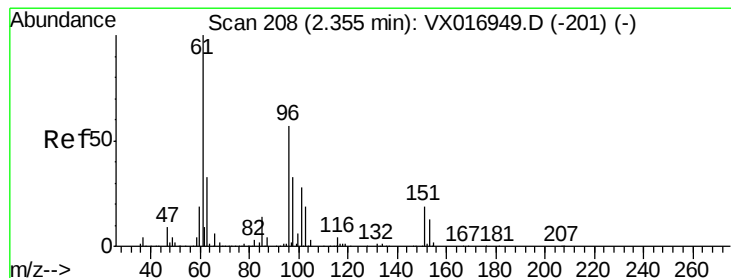
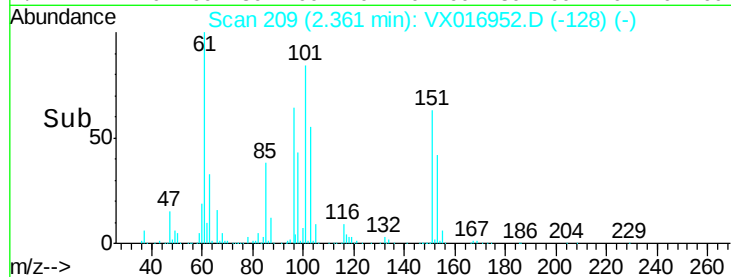
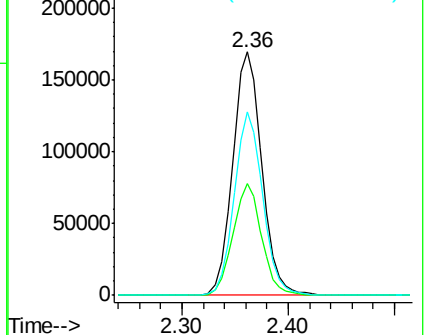
151 74.0 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 145.550 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

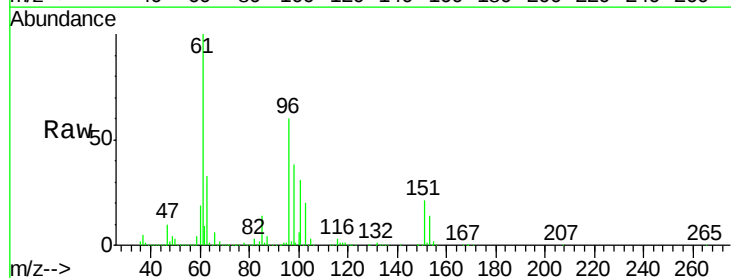
Tgt Ion: 96 Resp: 331735

Ion Ratio Lower Upper

96 100

61 166.9 141.3 211.9

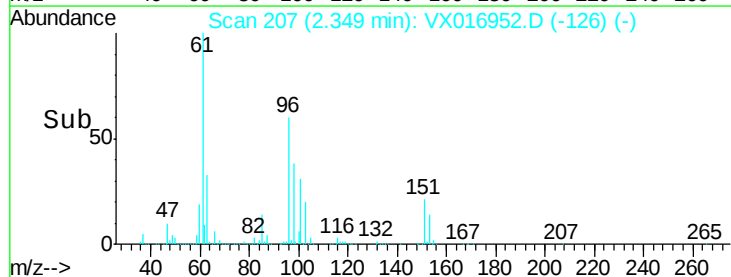
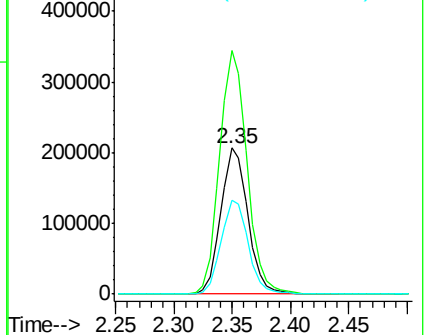
98 64.2 47.0 70.4

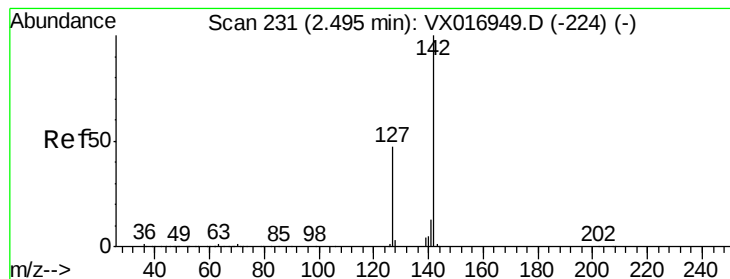


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 167.775 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

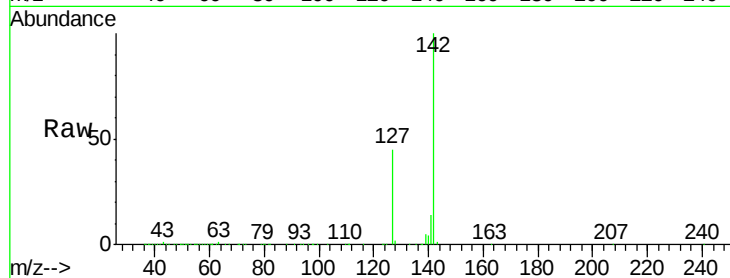
Tgt Ion:142 Resp: 510574

Ion Ratio Lower Upper

142 100

127 45.3 23.3 69.9

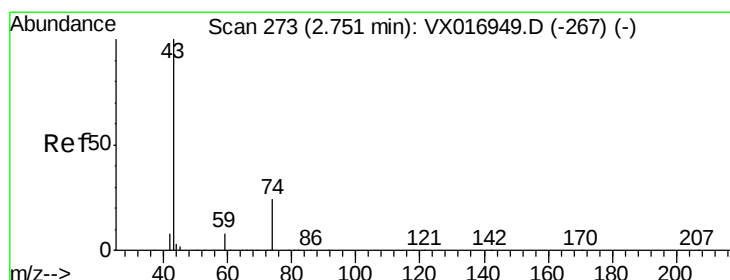
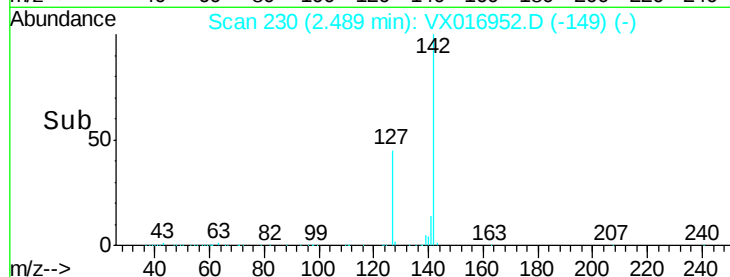
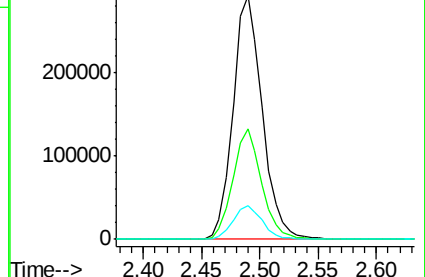
141 14.0 6.7 20.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 148.538 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016952.D

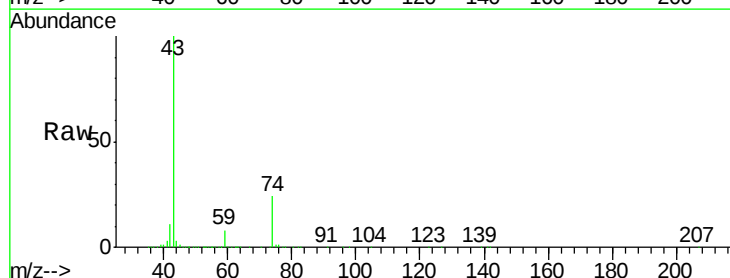
Acq: 25 Jun 2020 14:12

Tgt Ion: 43 Resp: 427040

Ion Ratio Lower Upper

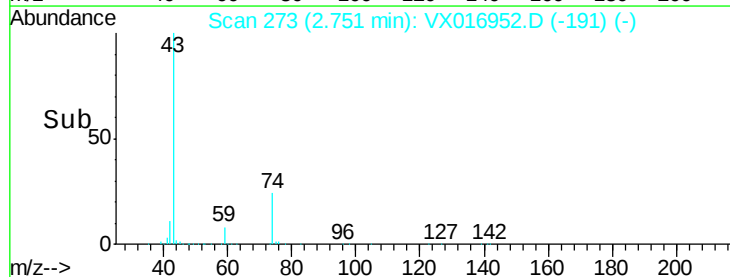
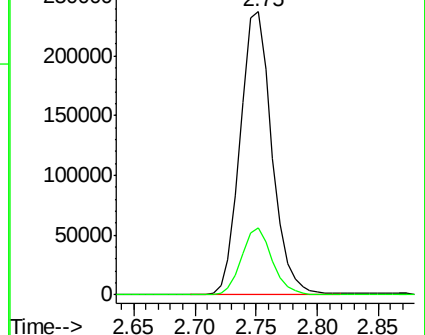
43 100

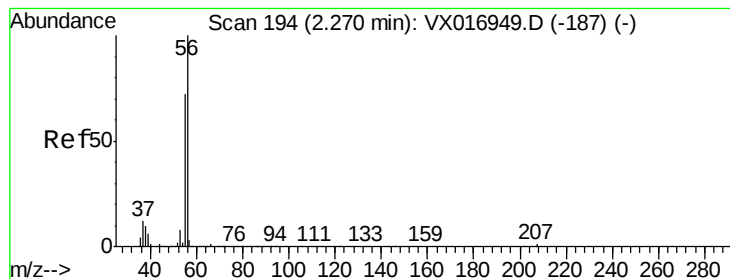
74 23.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 787.932 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

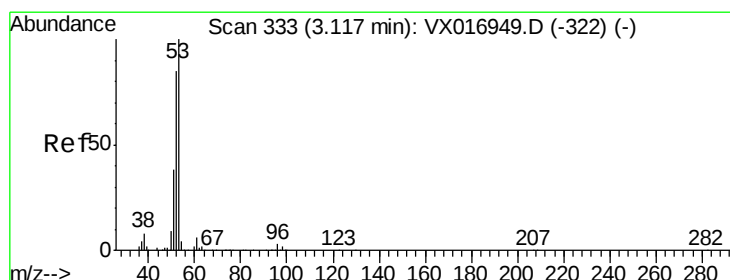
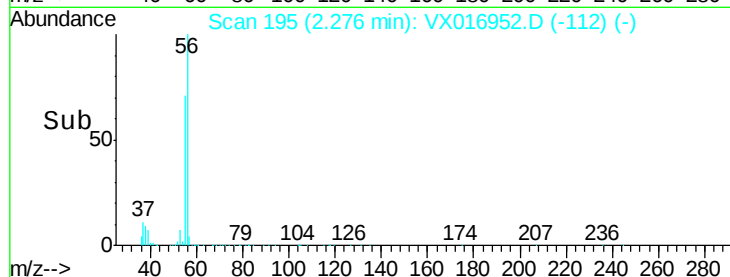
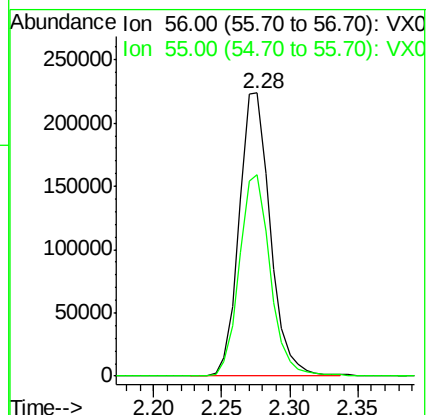
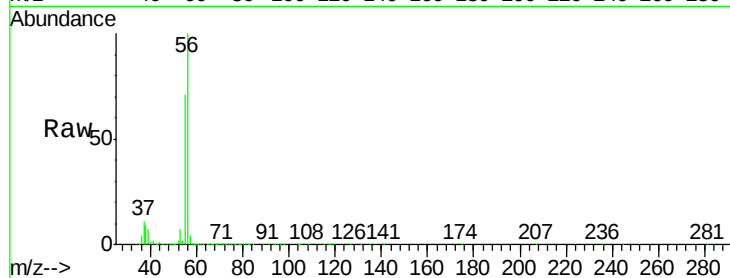
VSTDIC150

Tgt Ion: 56 Resp: 357444

Ion Ratio Lower Upper

56 100

55 70.1 56.2 84.4



#14

Acrylonitrile

Concen: 753.965 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

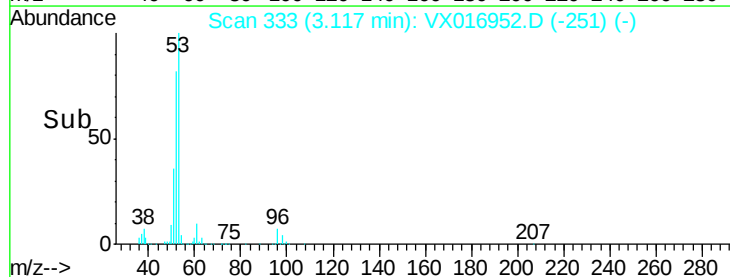
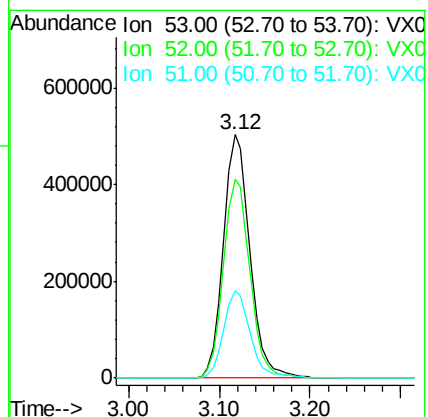
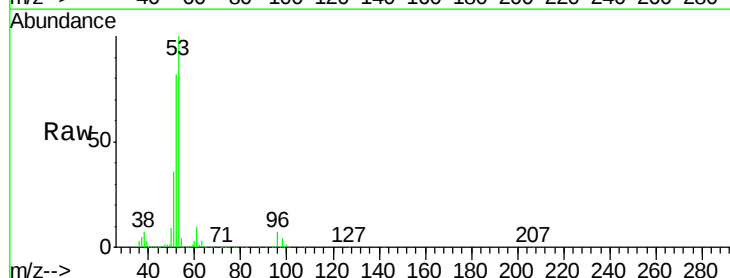
Tgt Ion: 53 Resp: 1026648

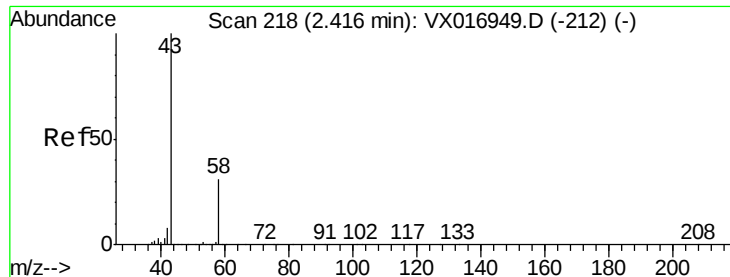
Ion Ratio Lower Upper

53 100

52 82.1 40.6 121.8

51 36.2 18.4 55.4





#15

Acetone

Concen: 740.498 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

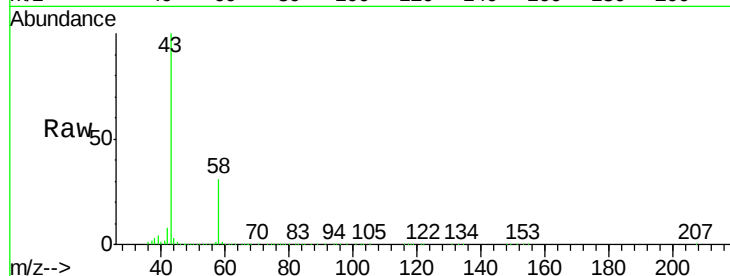
VSTDIC150

Tgt Ion: 58 Resp: 260939

Ion Ratio Lower Upper

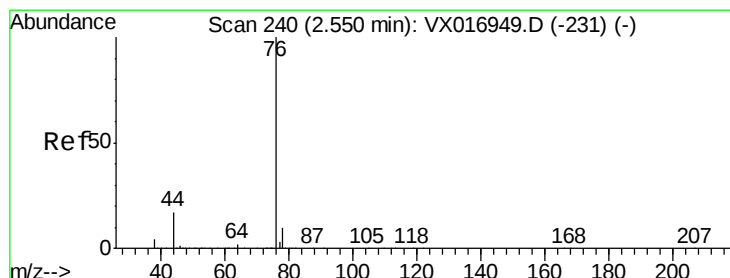
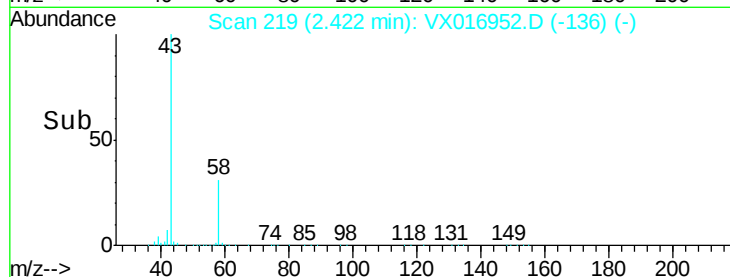
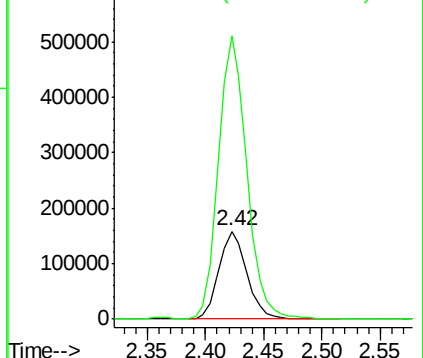
58 100

43 321.3 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 143.927 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016952.D

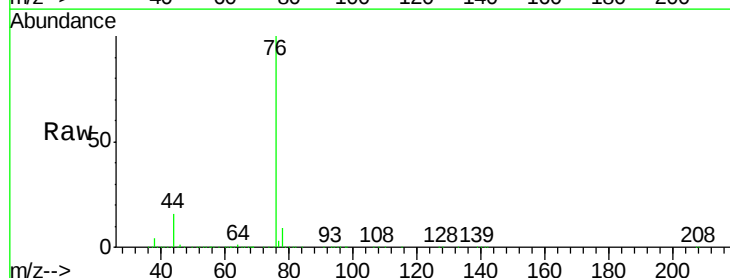
Acq: 25 Jun 2020 14:12

Tgt Ion: 76 Resp: 1031230

Ion Ratio Lower Upper

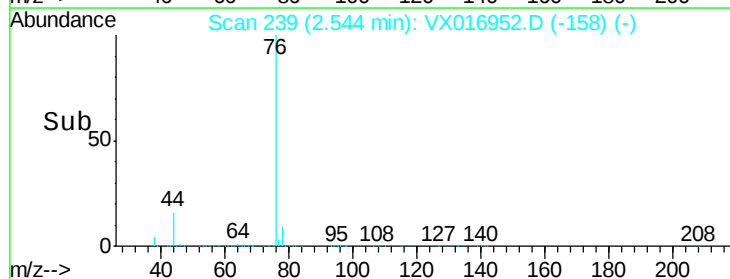
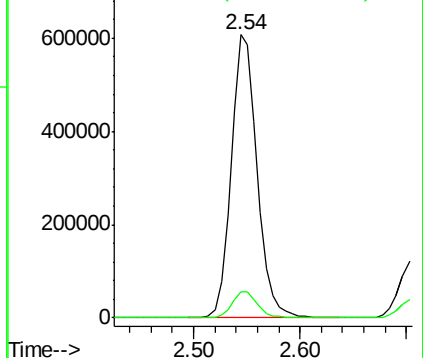
76 100

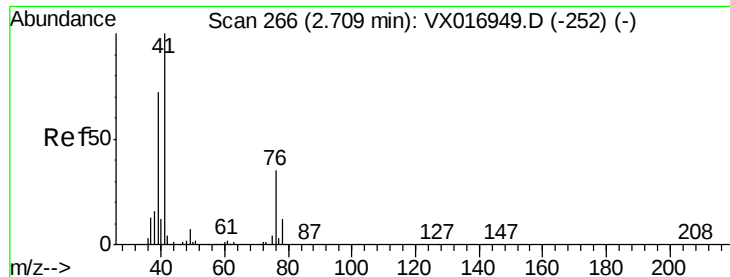
78 9.3 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

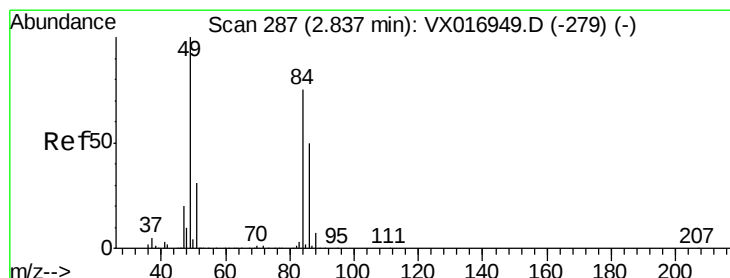
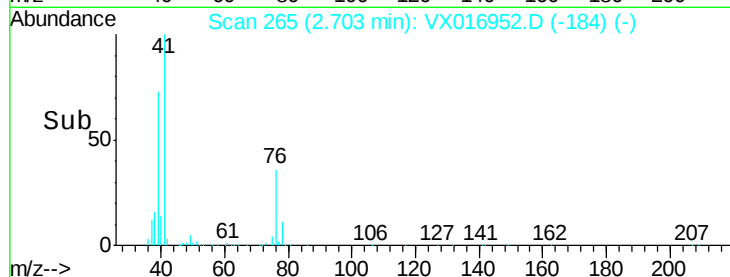
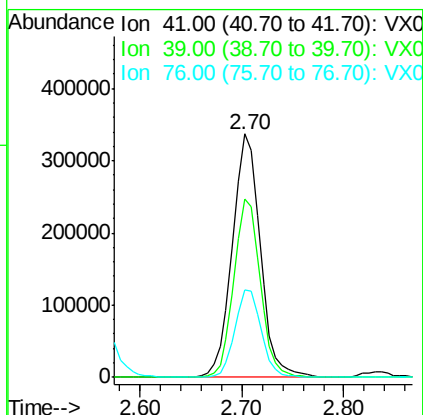
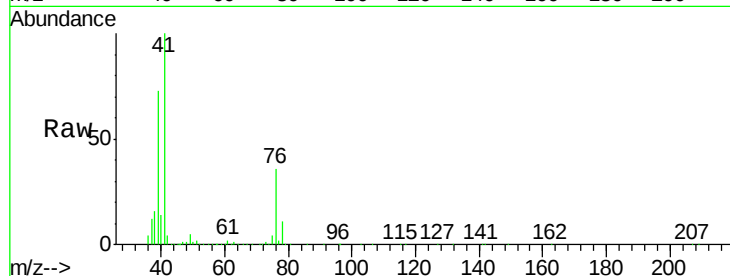




#17
 Allyl chloride
 Concen: 149.539 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. -0.01 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

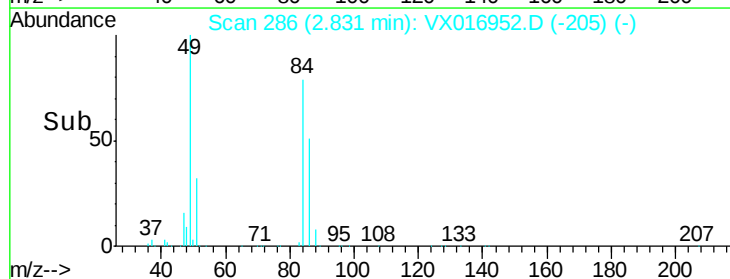
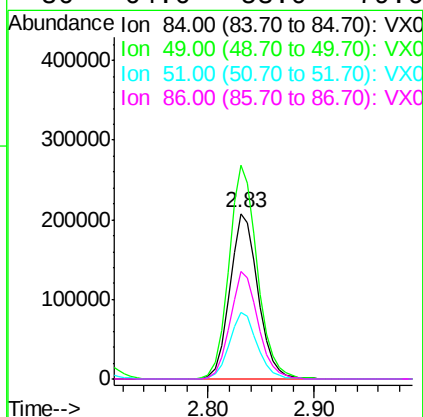
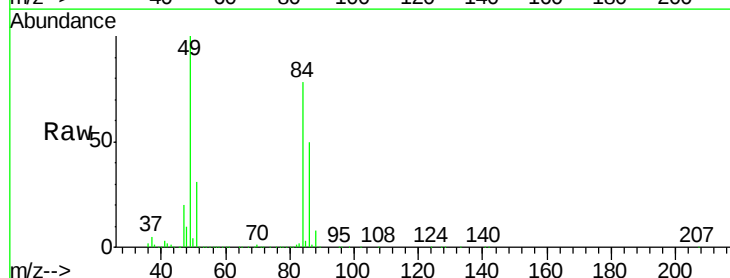
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

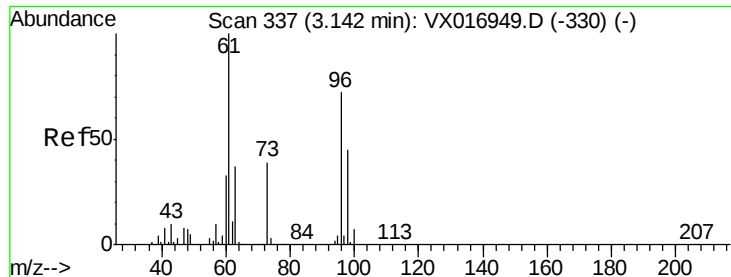
Tgt Ion: 41 Resp: 638030
 Ion Ratio Lower Upper
 41 100
 39 73.1 35.9 107.8
 76 36.0 17.6 52.8



#18
 Methylene Chloride
 Concen: 140.964 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

Tgt Ion: 84 Resp: 386975
 Ion Ratio Lower Upper
 84 100
 49 128.9 106.6 159.8
 51 40.1 32.7 49.1
 86 64.6 53.0 79.6





#19

trans-1,2-Dichloroethene

Concen: 146.643 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

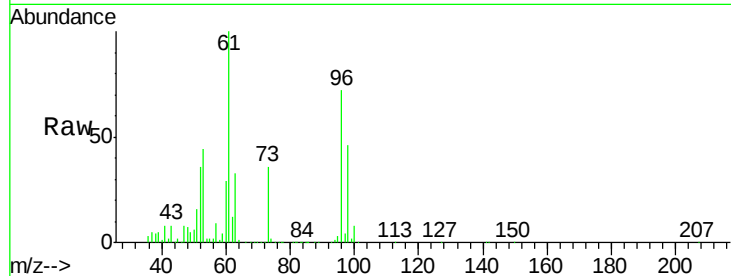
Tgt Ion: 96 Resp: 378691

Ion Ratio Lower Upper

96 100

61 137.9 110.6 165.8

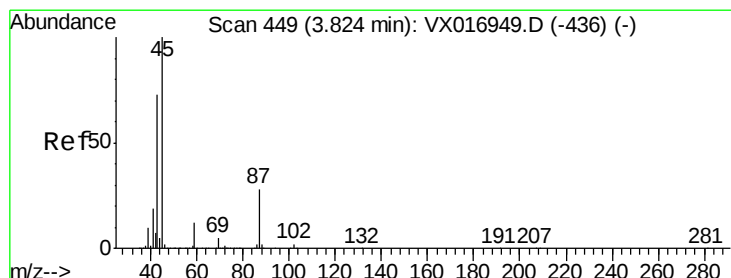
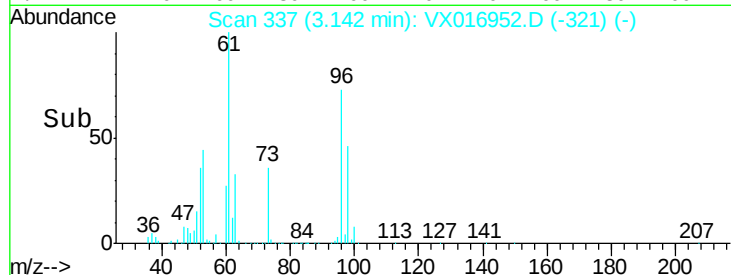
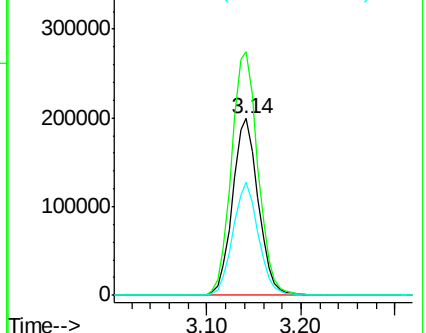
98 64.0 49.8 74.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 151.289 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Tgt Ion: 45 Resp: 1290026

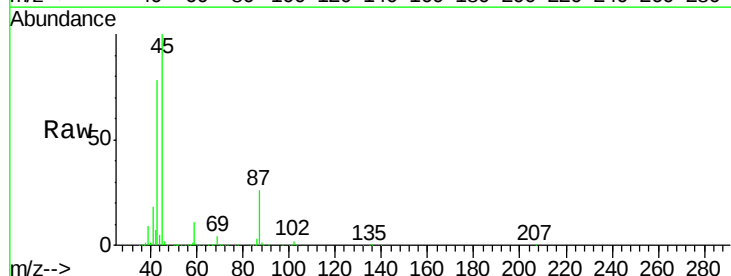
Ion Ratio Lower Upper

45 100

43 77.8 63.9 95.9

87 25.5 22.2 33.4

59 11.4 9.8 14.6

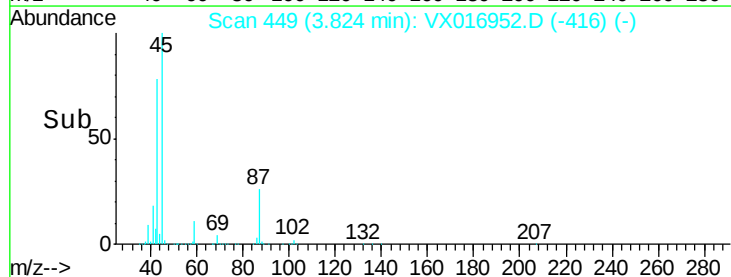
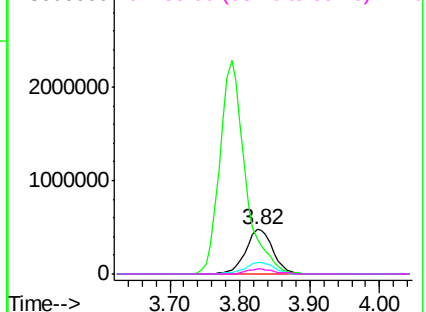


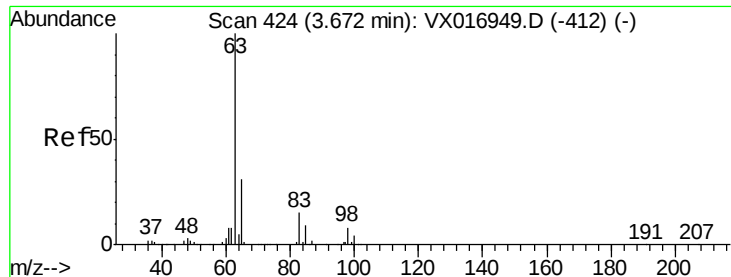
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

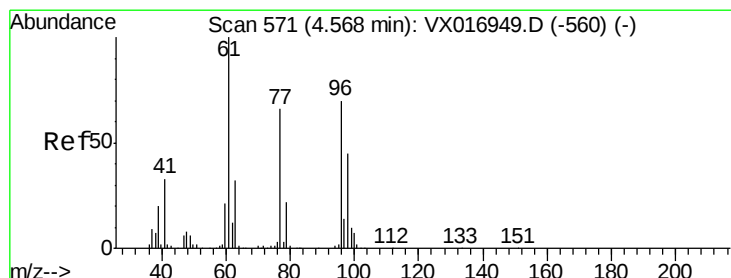
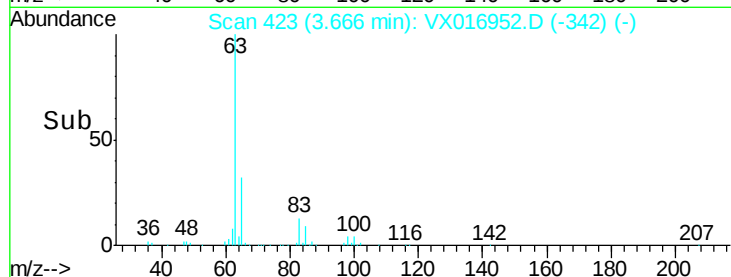
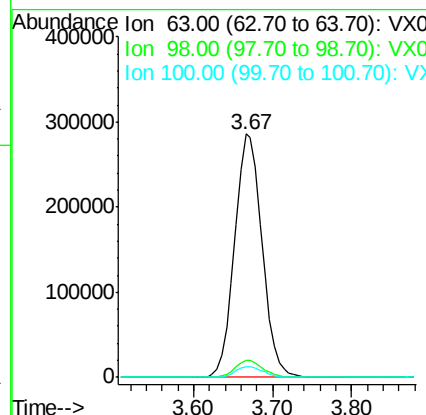
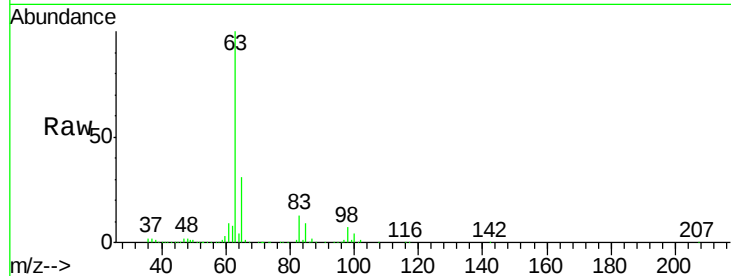




#21
 1,1-Dichloroethane
 Concen: 146.887 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

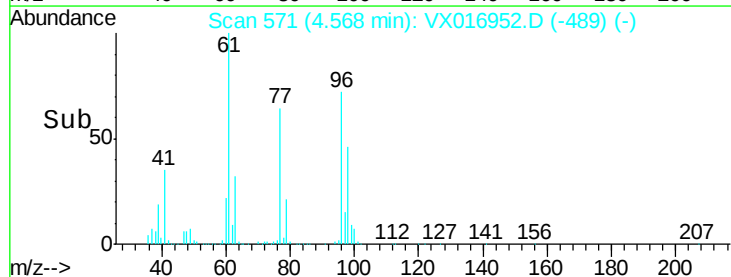
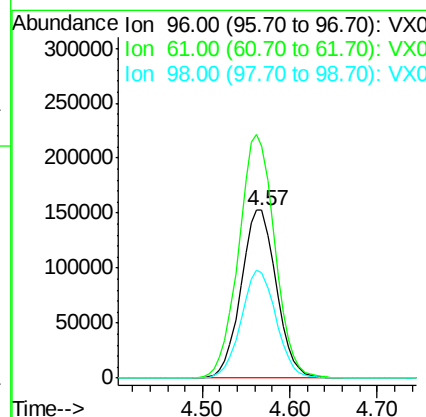
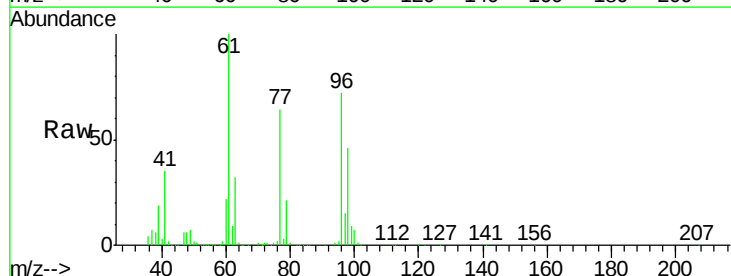
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

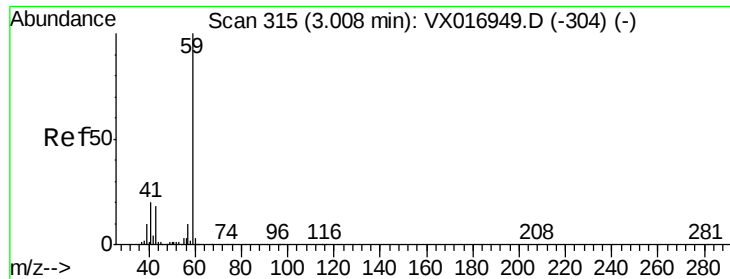
Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.4
100	4.2	2.2	6.6



#22
 cis-1,2-Dichloroethene
 Concen: 149.689 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.1	120.8	181.2
98	63.7	51.7	77.5

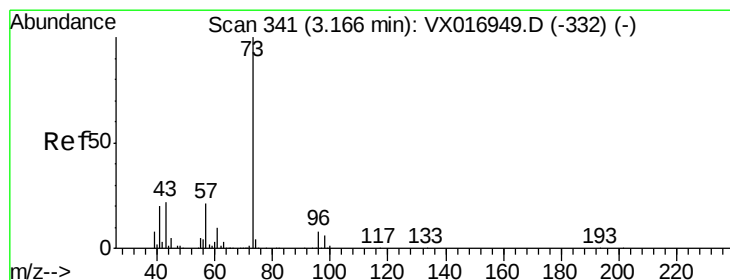
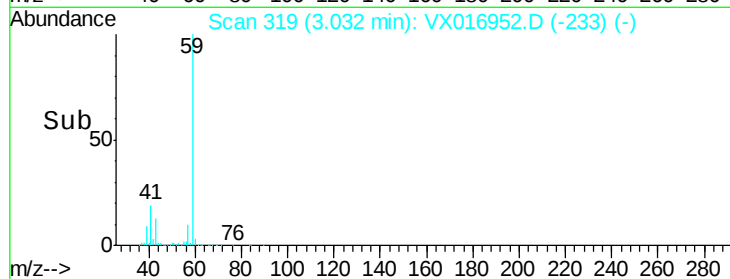
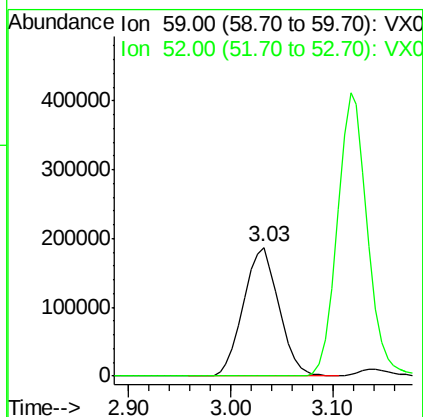
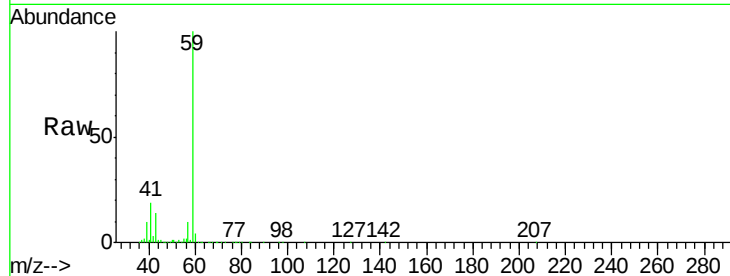




#23
tert-Butyl Alcohol
Concen: 2837.071 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

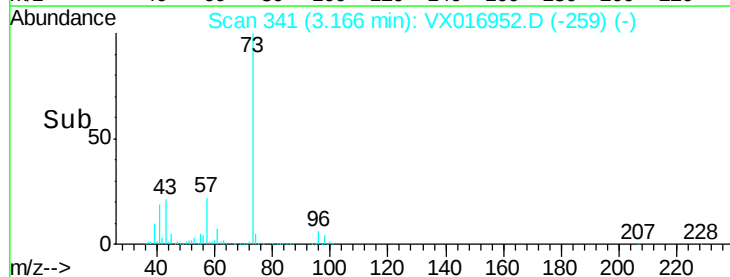
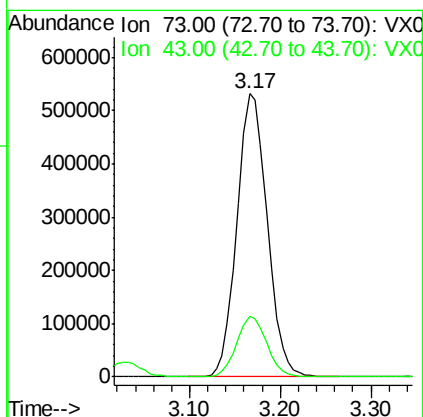
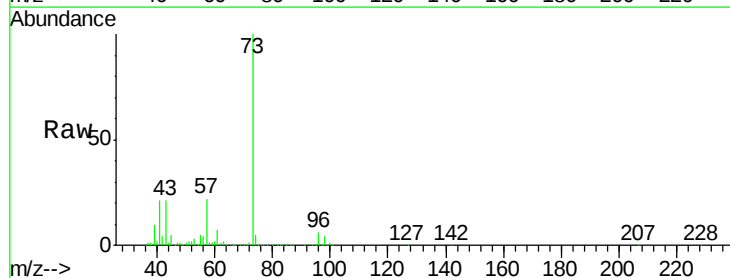
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

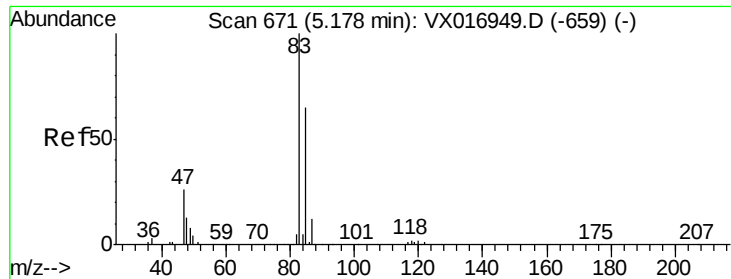
Tgt Ion: 59 Resp: 452826
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1



#24
Methyl tert-Butyl Ether
Concen: 151.429 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Tgt Ion: 73 Resp: 1232361
Ion Ratio Lower Upper
73 100
43 21.2 17.2 25.8





#25

Chloroform

Concen: 147.760 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampled :

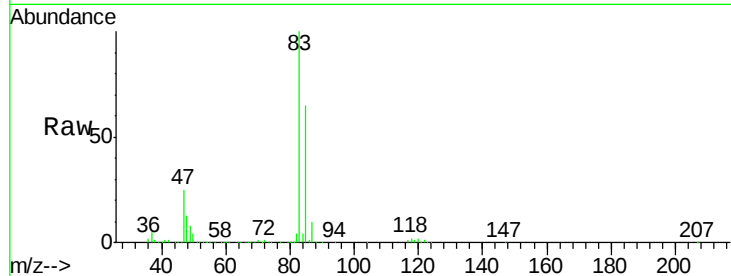
VSTDIC150

Tgt Ion: 83 Resp: 704385

Ion Ratio Lower Upper

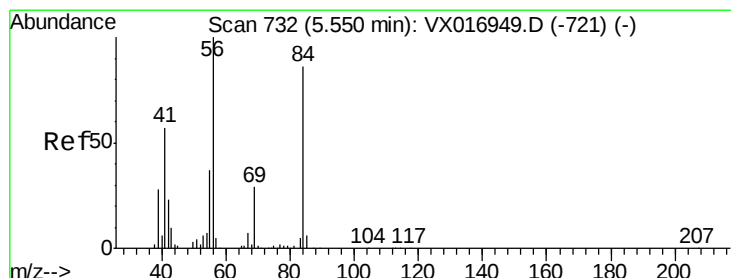
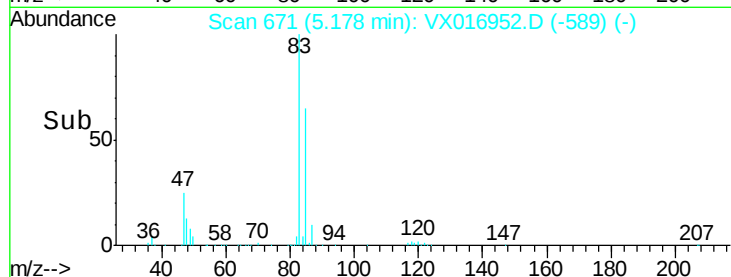
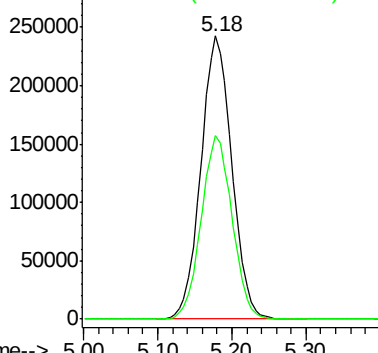
83 100

85 64.6 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 146.204 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

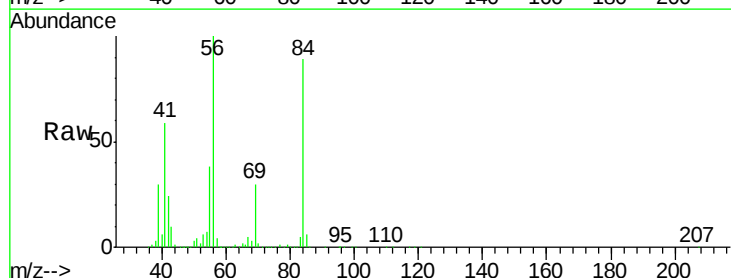
Tgt Ion: 56 Resp: 599656

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

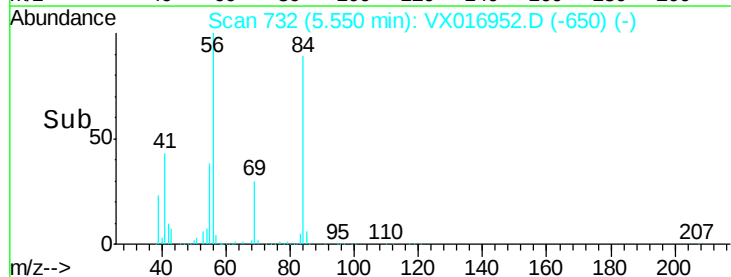
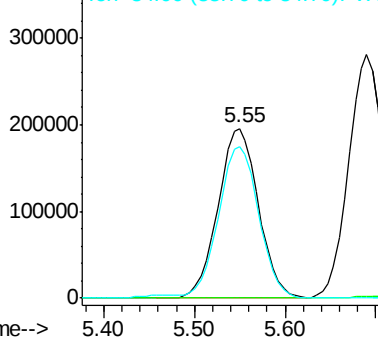
84 89.8 69.0 103.6

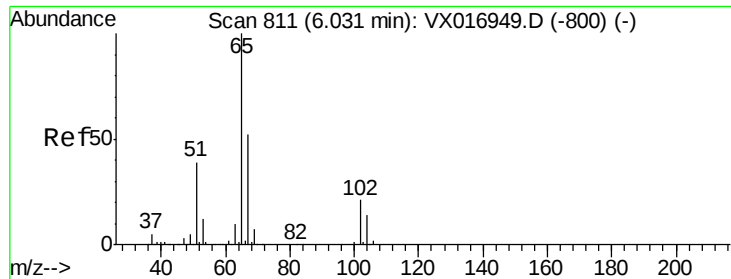


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.165 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

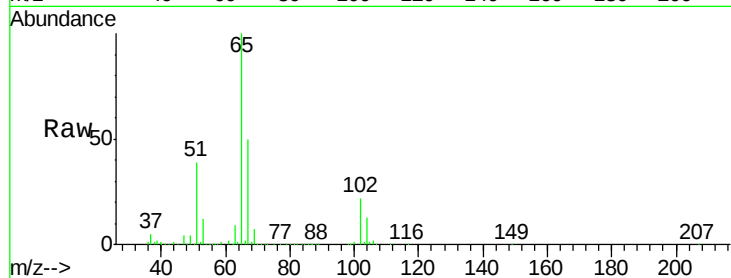
VSTDIC150

Tgt Ion: 65 Resp: 93477

Ion Ratio Lower Upper

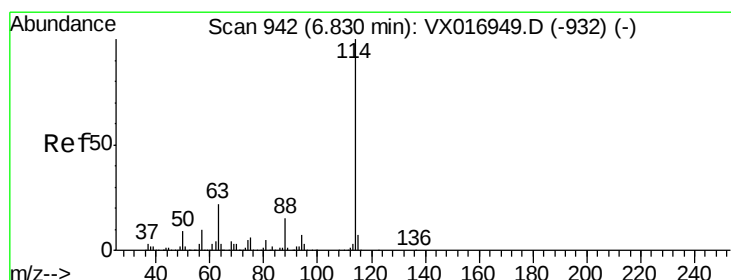
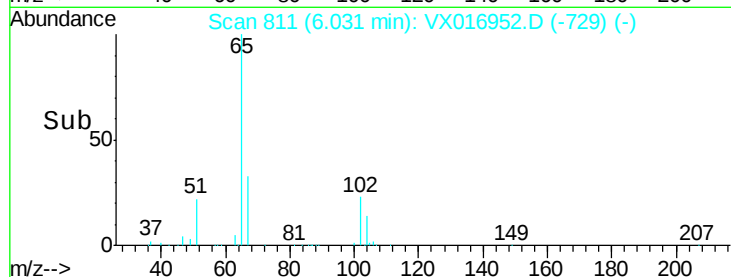
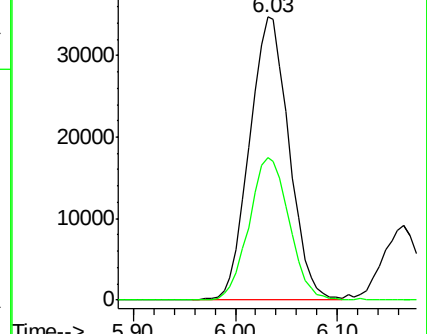
65 100

67 51.3 41.5 62.3



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: VX016952.D

Acq: 25 Jun 2020 14:12

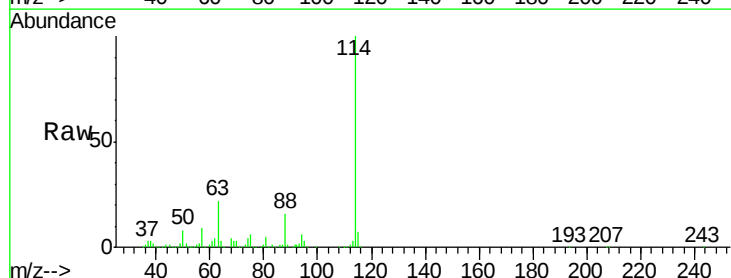
Tgt Ion: 114 Resp: 218274

Ion Ratio Lower Upper

114 100

63 21.6 17.4 26.2

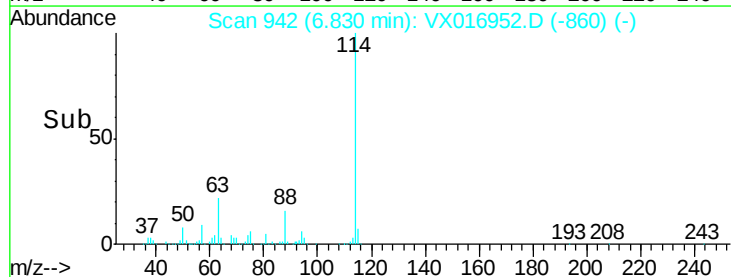
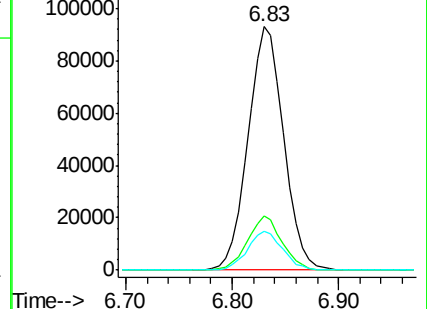
88 15.8 13.0 19.6

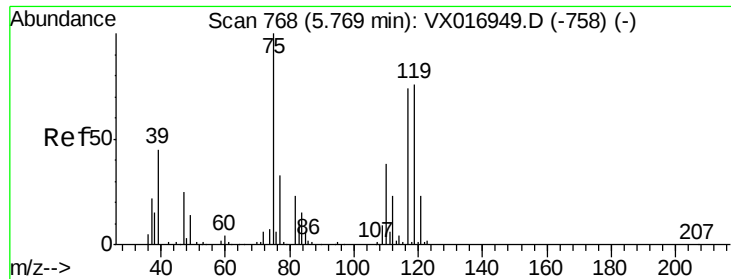


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 149.171 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

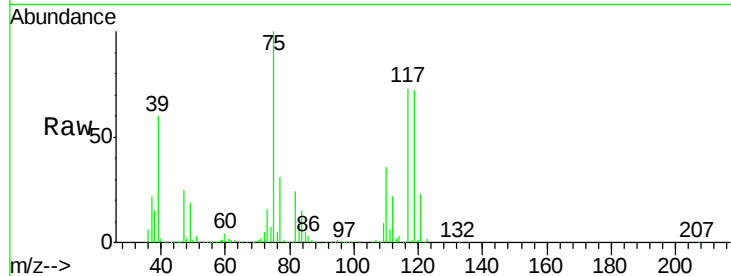
Tgt Ion: 75 Resp: 530421

Ion Ratio Lower Upper

75 100

110 35.2 0.0 71.6

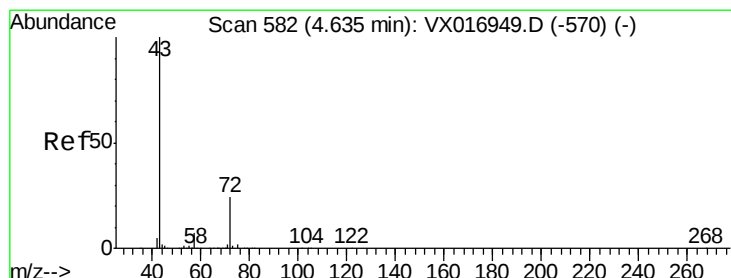
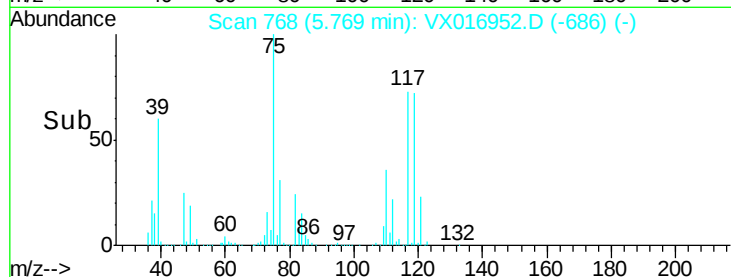
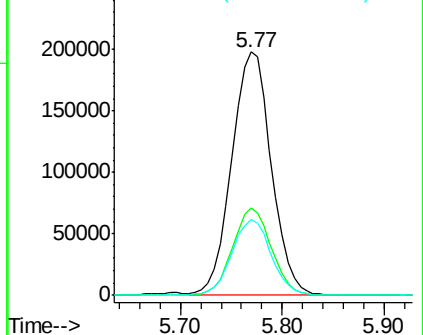
77 31.1 0.0 64.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 768.180 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

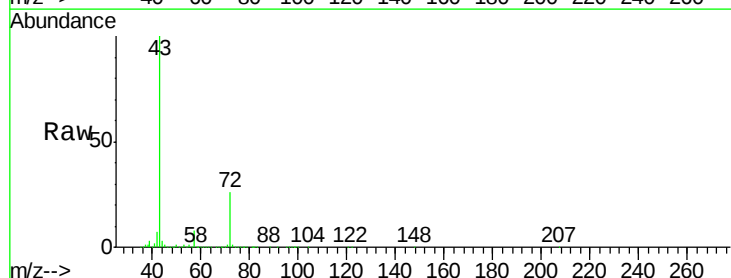
Tgt Ion: 43 Resp: 1423758

Ion Ratio Lower Upper

43 100

57 8.0 6.2 9.4

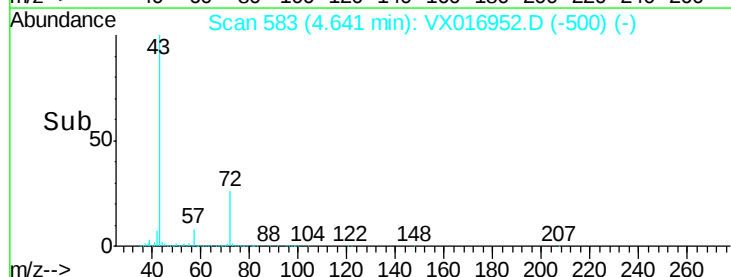
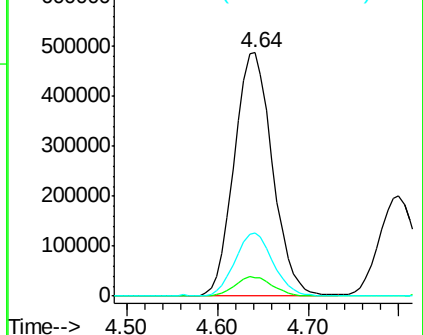
72 25.7 20.6 31.0

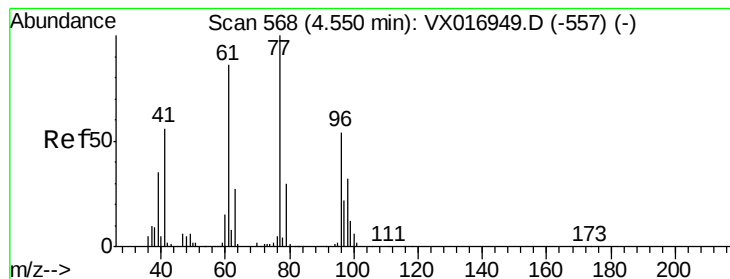


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 145.945 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

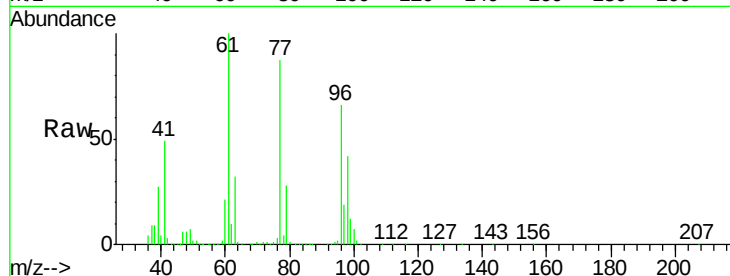
VSTDIC150

Tgt Ion: 77 Resp: 595158

Ion Ratio Lower Upper

77 100

97 22.3 18.5 27.7



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

4.56

200000

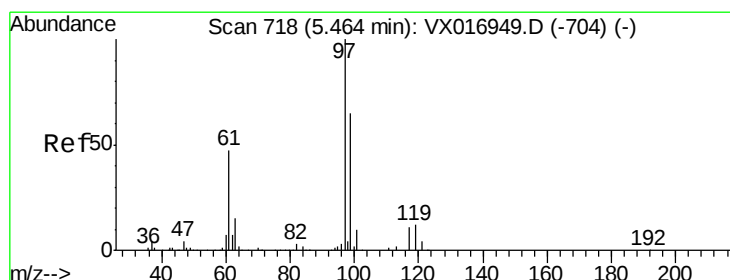
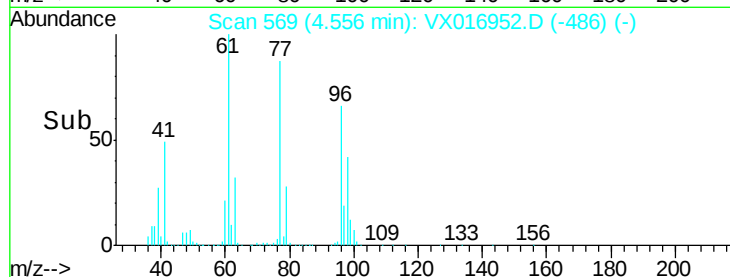
150000

100000

50000

0

Time-->



#32

1,1,1-Trichloroethane

Concen: 149.564 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

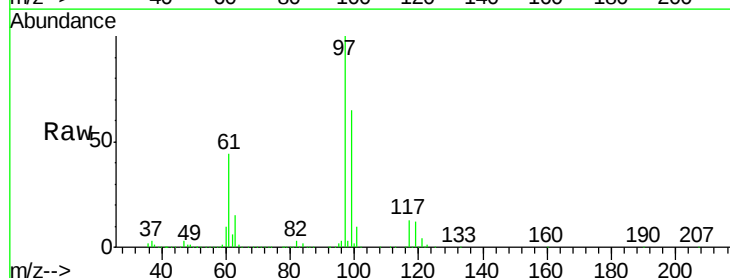
Tgt Ion: 97 Resp: 643510

Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.2

61 44.6 36.9 55.3



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

5.46

250000

200000

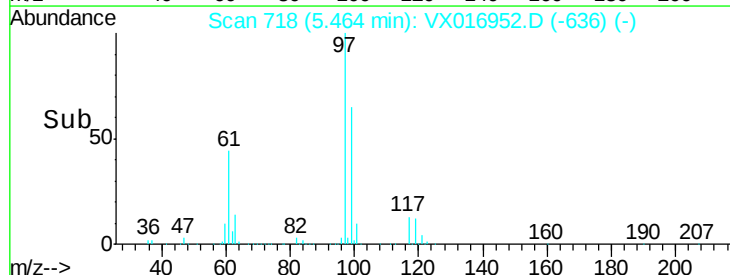
150000

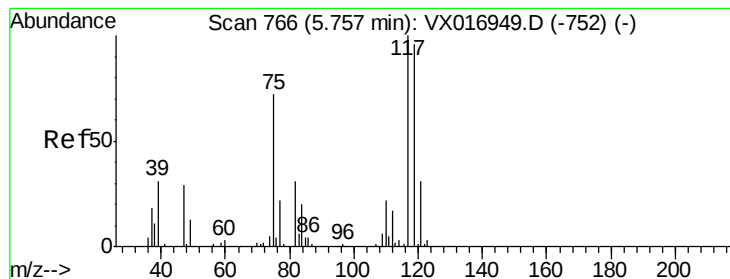
100000

50000

0

Time-->





#33

Carbon Tetrachloride

Concen: 149.893 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

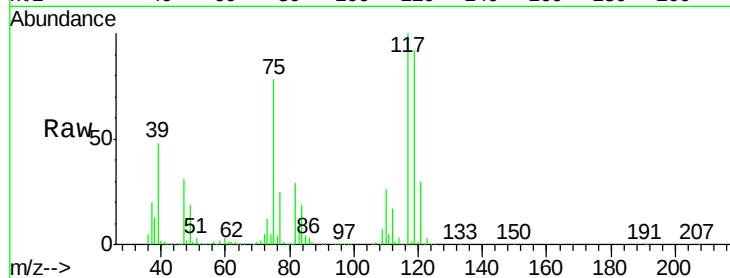
Tgt Ion:117 Resp: 571940

Ion Ratio Lower Upper

117 100

119 92.5 77.0 115.4

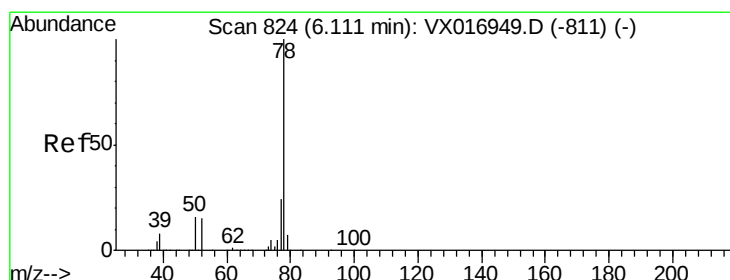
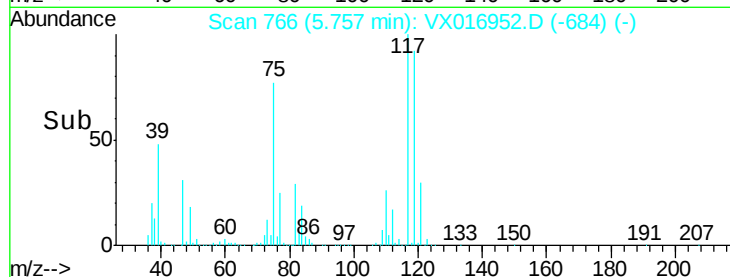
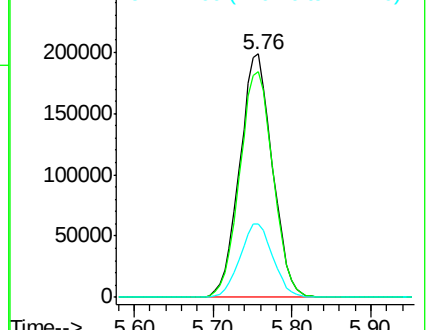
121 30.3 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 148.927 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

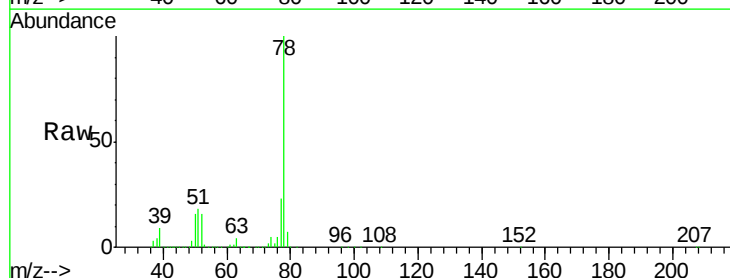
Tgt Ion: 78 Resp: 1541929

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

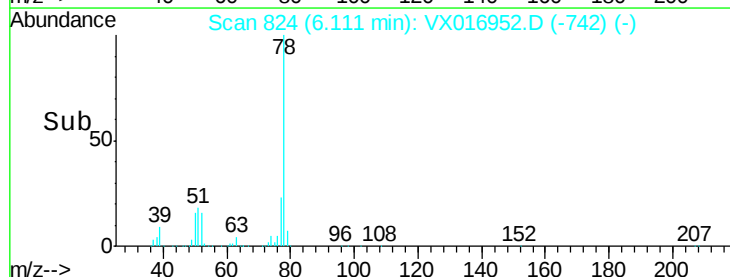
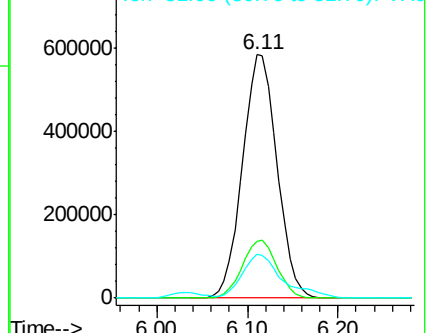
51 17.7 12.8 19.2

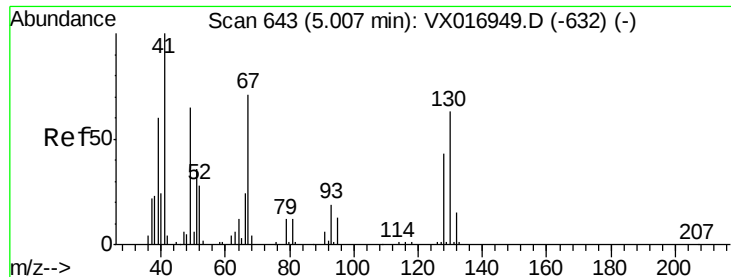


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

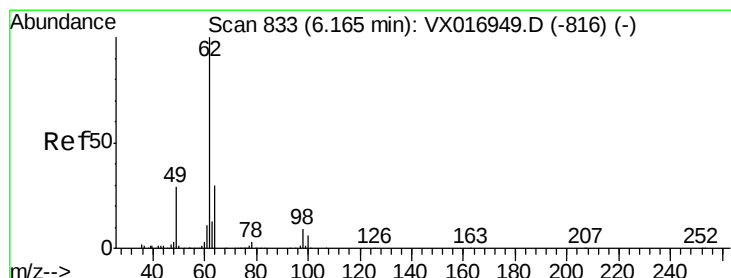
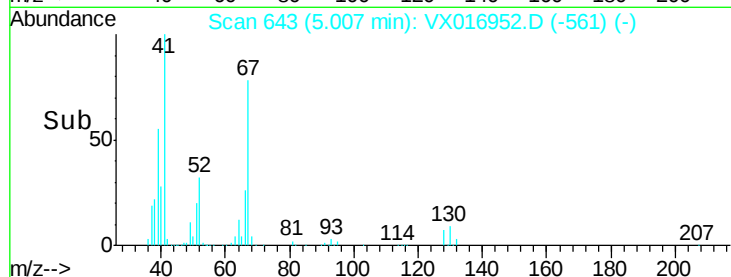
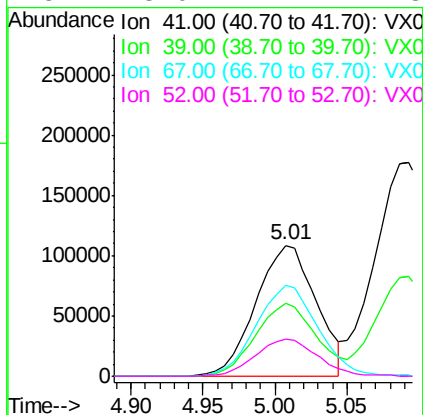
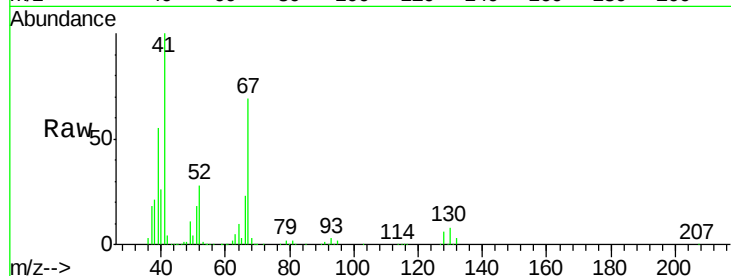




#35
Methacrylonitrile
Concen: 153.147 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

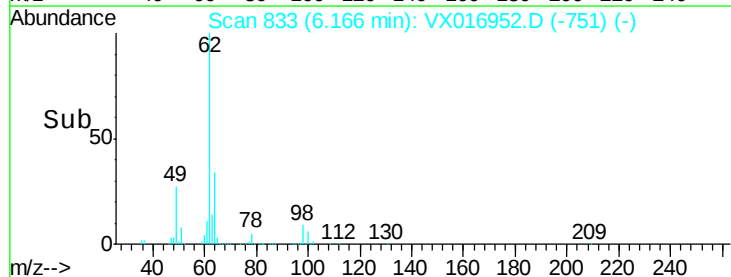
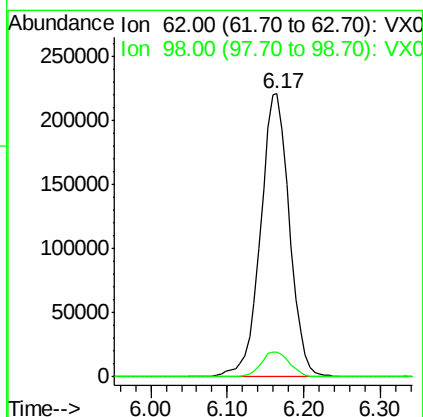
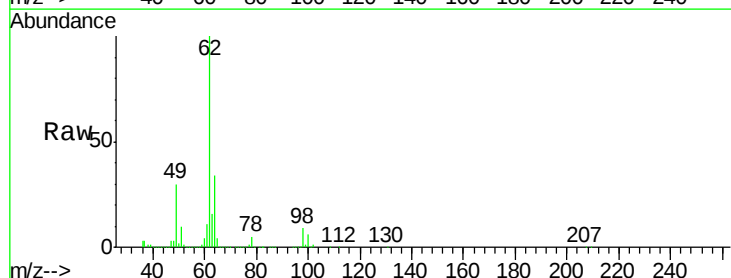
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

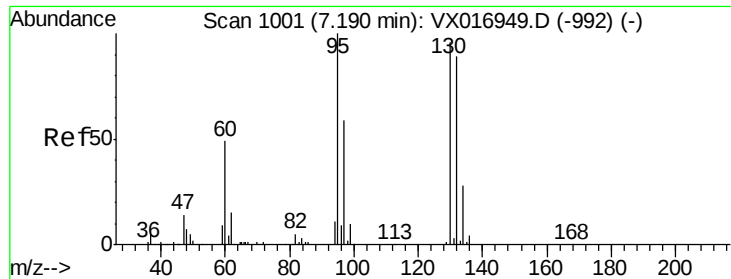
Tgt Ion:	41	Resp:	313258
Ion	Ratio	Lower	Upper
41	100		
39	55.4	29.8	89.5
67	69.2	35.3	105.9
52	28.0	14.1	42.3



#36
1,2-Dichloroethane
Concen: 146.849 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Tgt Ion:	62	Resp:	582299
Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.6	11.4

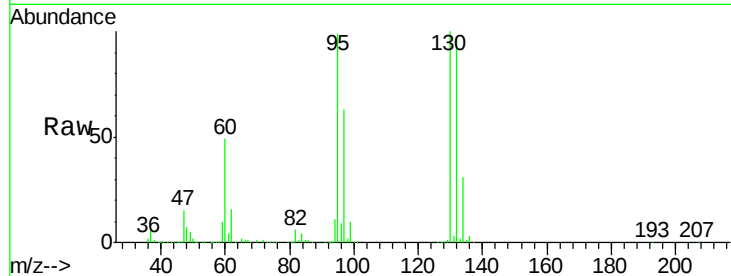




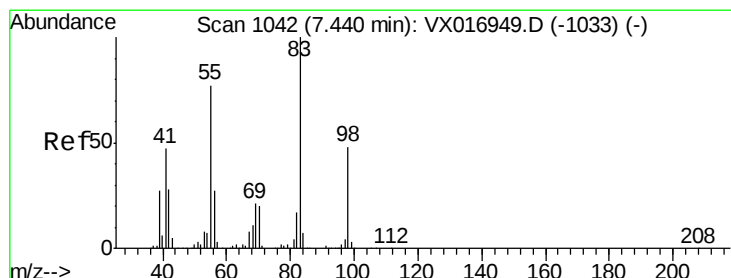
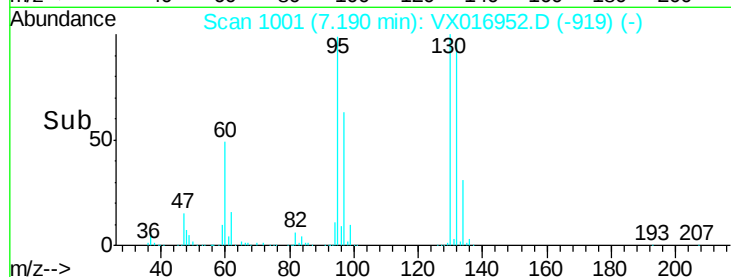
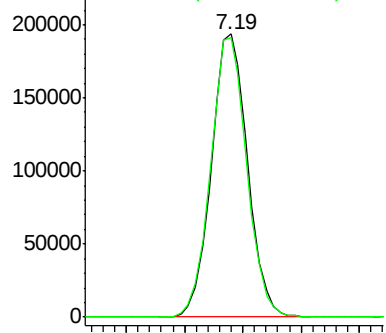
#37
 Trichloroethene
 Concen: 147.764 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:130 Resp: 417460
 Ion Ratio Lower Upper
 130 100
 95 98.6 83.1 124.7

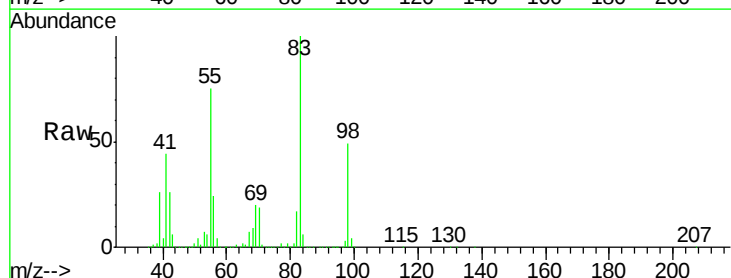


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

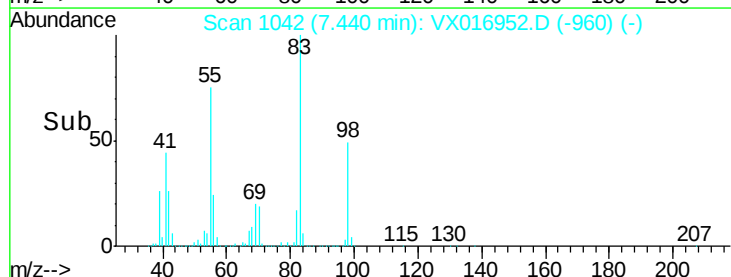
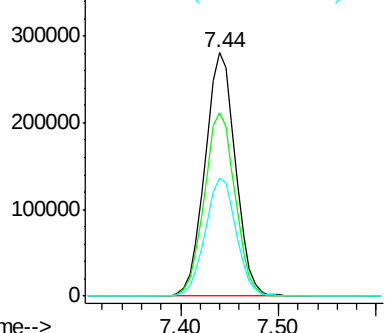


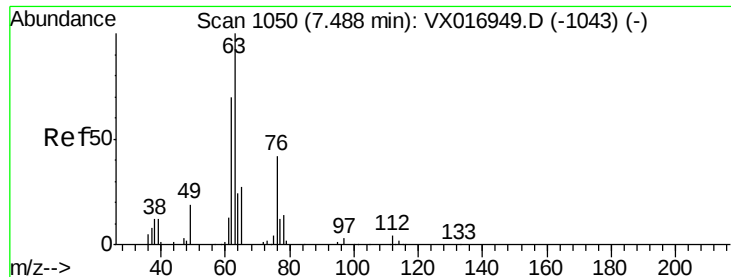
#38
 Methylcyclohexane
 Concen: 149.620 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

Tgt Ion: 83 Resp: 605869
 Ion Ratio Lower Upper
 83 100
 55 76.2 38.1 114.5
 98 49.4 24.6 73.6



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

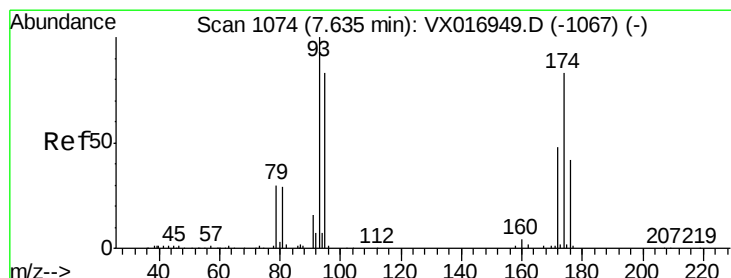
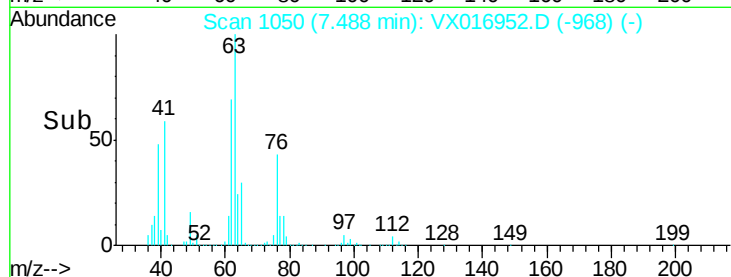
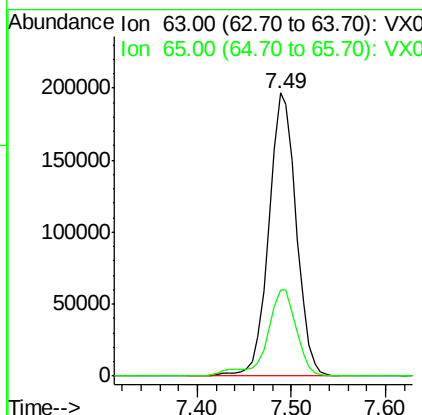
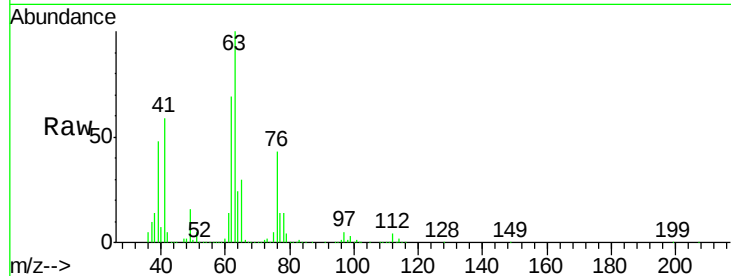




#39
 1,2-Dichloropropane
 Concen: 148.178 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

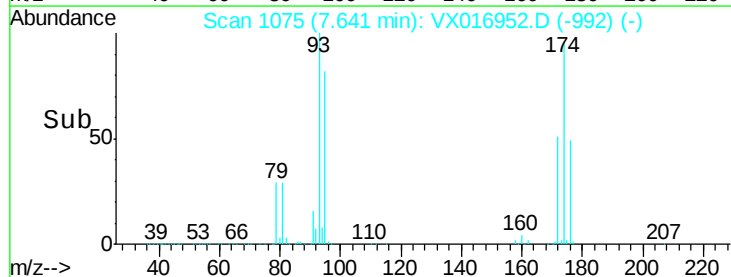
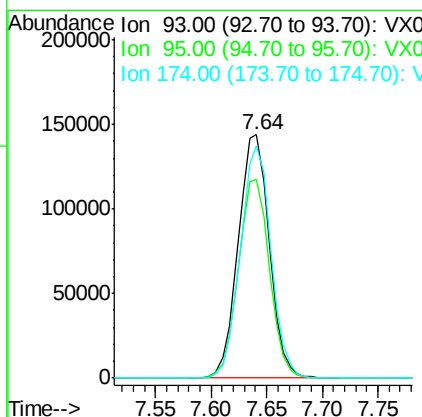
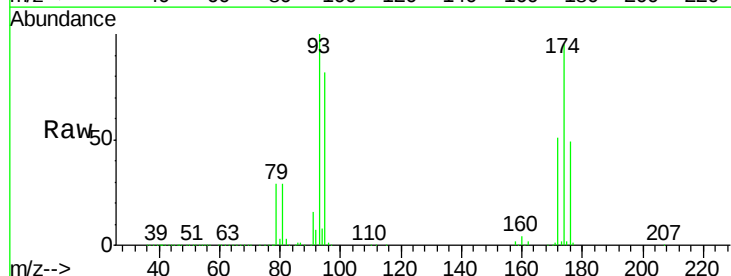
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

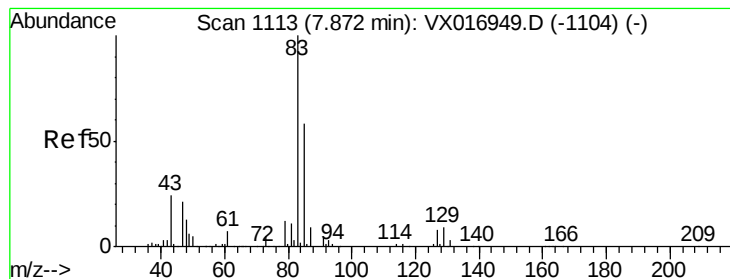
Tgt Ion: 63 Resp: 399693
 Ion Ratio Lower Upper
 63 100
 65 30.3 22.8 34.2



#40
 Dibromomethane
 Concen: 150.053 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

Tgt Ion: 93 Resp: 278956
 Ion Ratio Lower Upper
 93 100
 95 81.6 0.0 165.4
 174 94.5 0.0 192.0





#41

Bromodichloromethane

Concen: 151.264 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

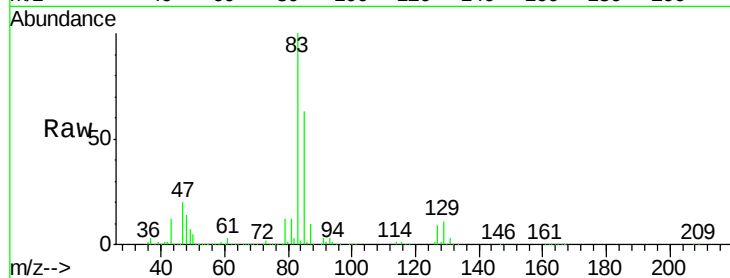
Tgt Ion: 83 Resp: 582303

Ion Ratio Lower Upper

83 100

85 63.3 46.7 70.1

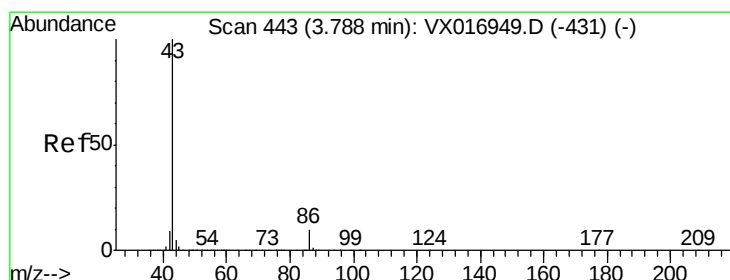
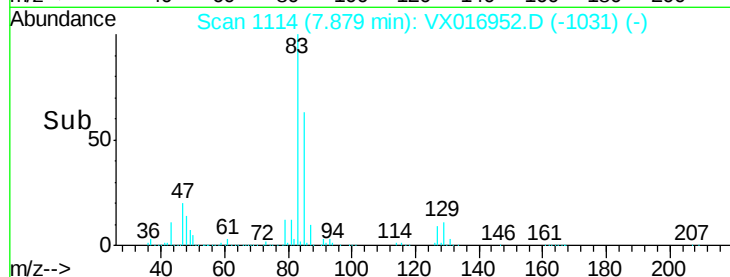
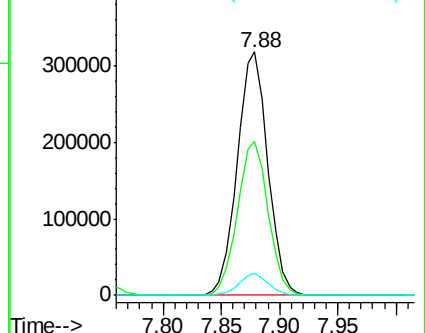
127 8.9 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 772.515 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016952.D

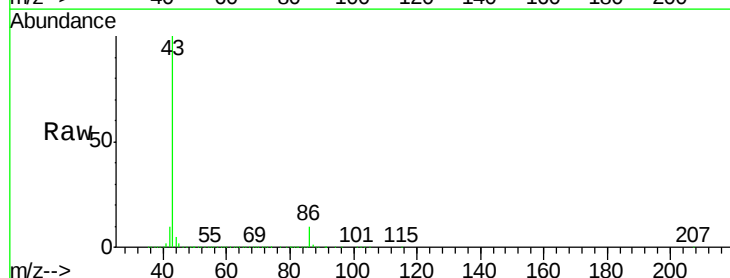
Acq: 25 Jun 2020 14:12

Tgt Ion: 43 Resp: 5769833

Ion Ratio Lower Upper

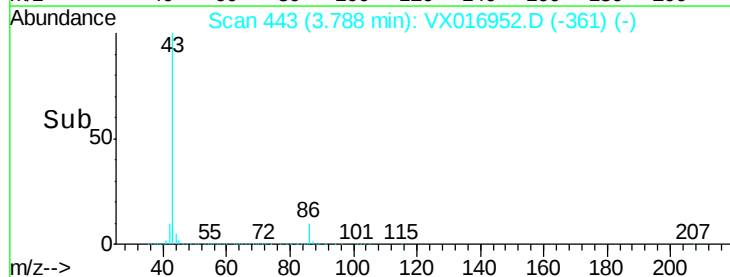
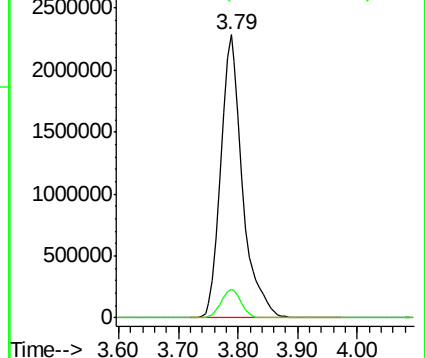
43 100

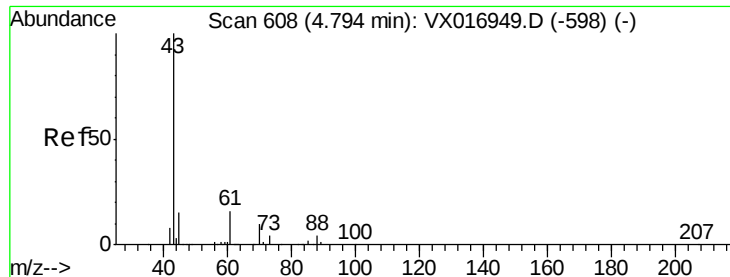
86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

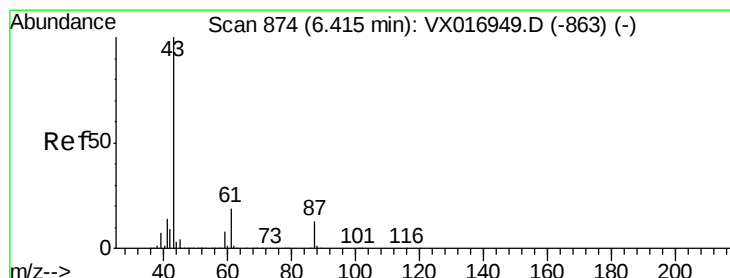
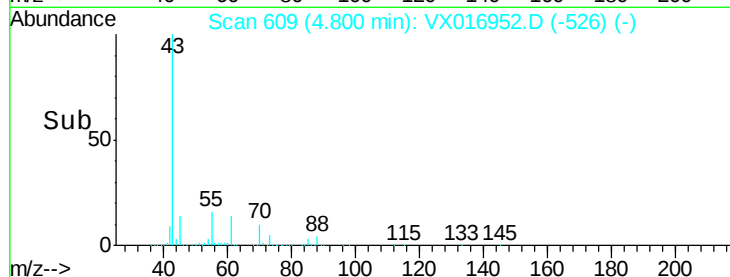
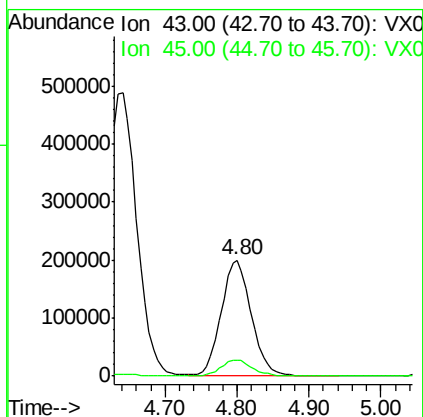
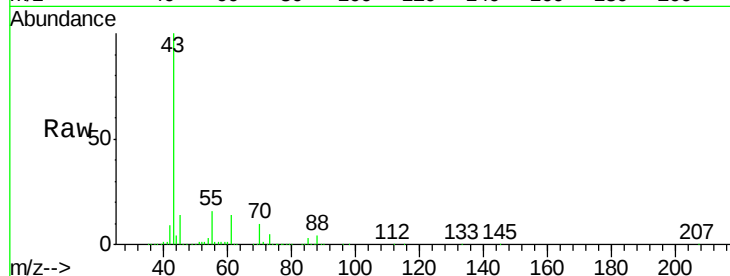




#43
Ethyl Acetate
Concen: 152.140 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

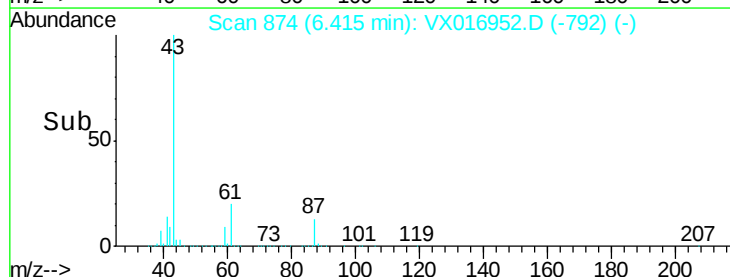
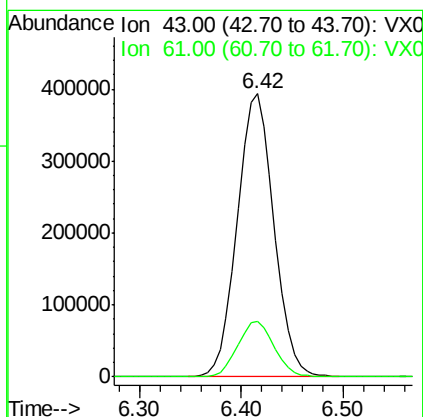
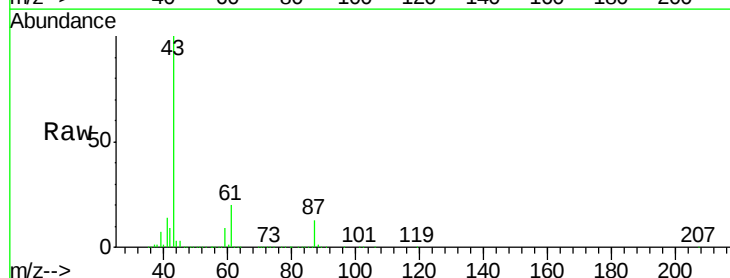
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

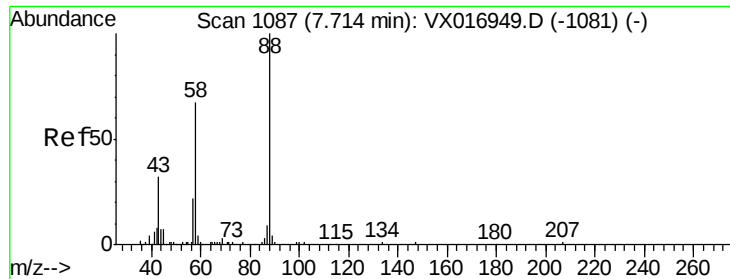
Tgt Ion: 43 Resp: 582605
Ion Ratio Lower Upper
43 100
45 14.4 11.8 17.6



#44
Isopropyl Acetate
Concen: 154.504 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Tgt Ion: 43 Resp: 977712
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.2





#45

1,4-Dioxane

Concen: 3050.546 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

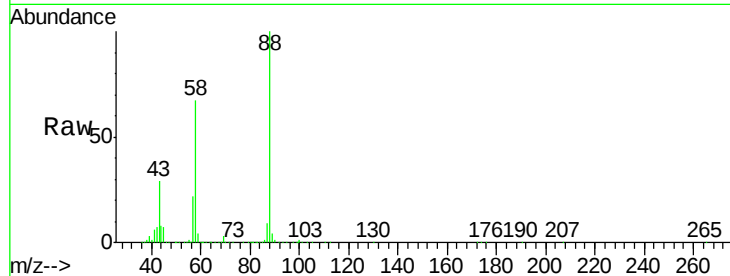
Tgt Ion: 88 Resp: 194748

Ion Ratio Lower Upper

88 100

43 33.1 28.9 43.3

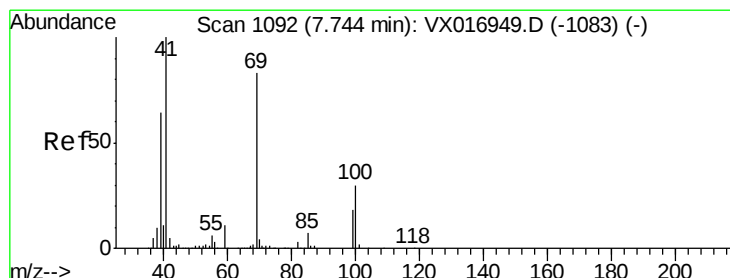
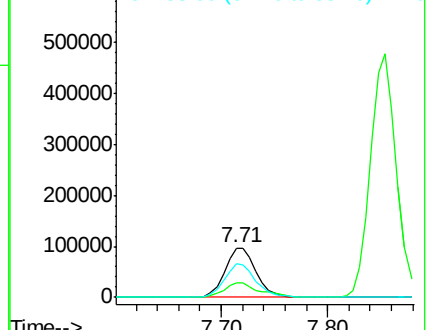
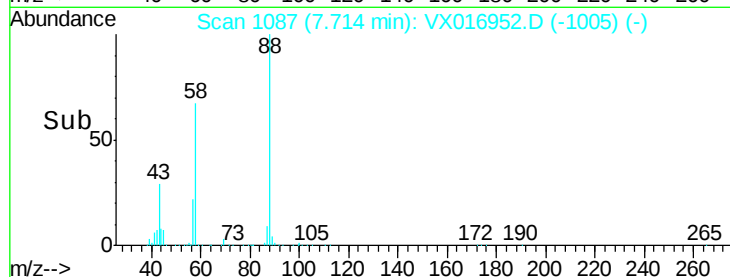
58 68.8 56.7 85.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 160.732 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

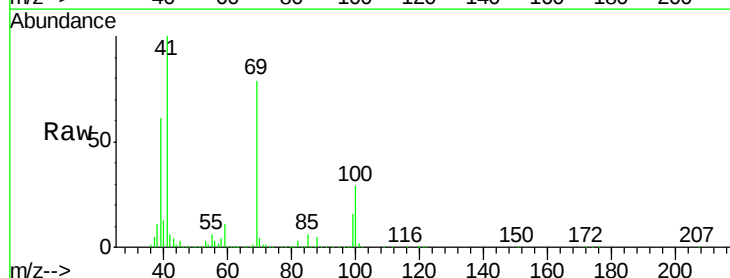
Tgt Ion: 41 Resp: 470700

Ion Ratio Lower Upper

41 100

69 79.4 41.3 123.9

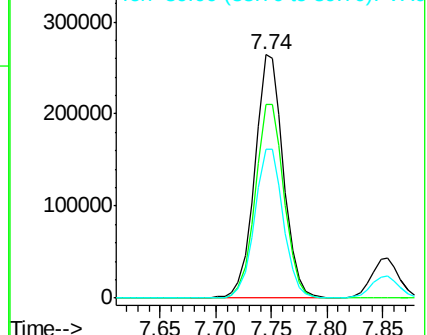
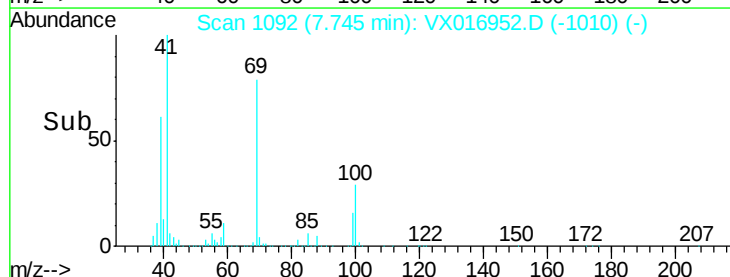
39 61.3 32.0 96.2

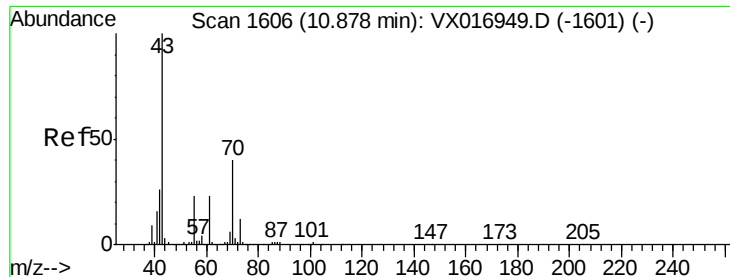


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

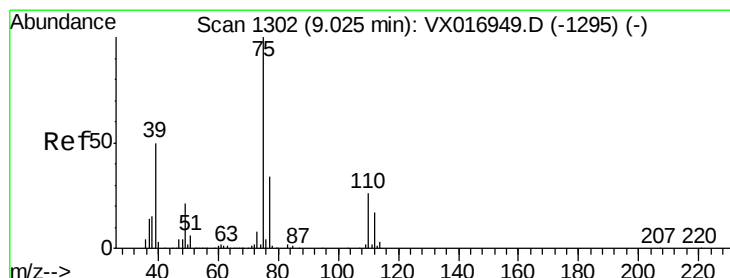
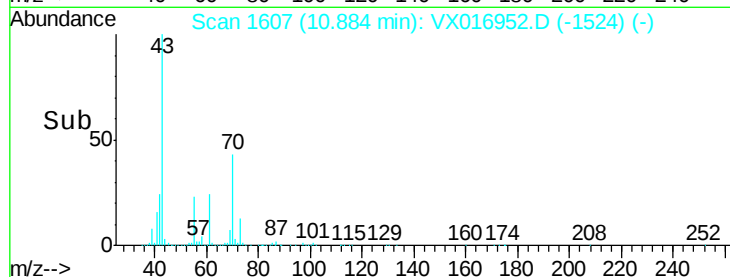
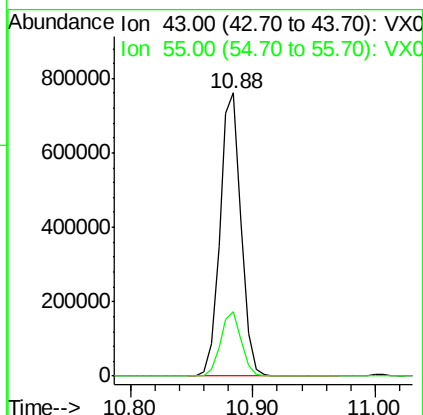
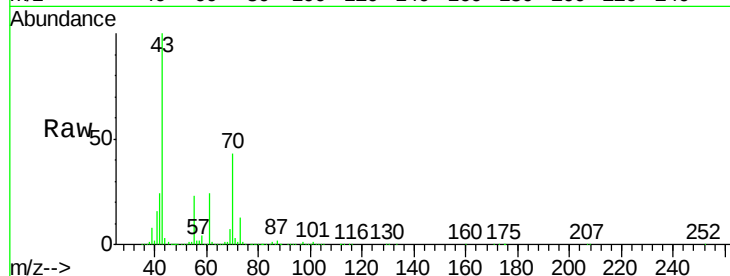




#47
n-amy1 Acetate
Concen: 161.976 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

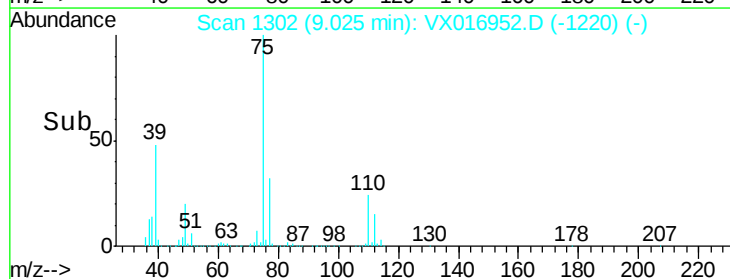
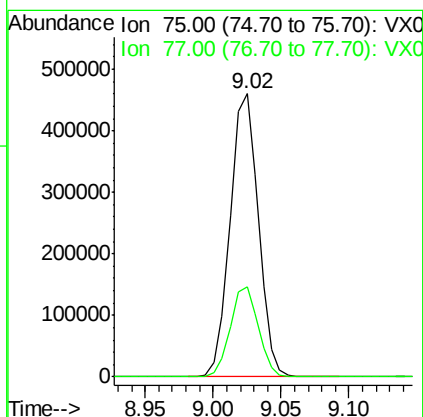
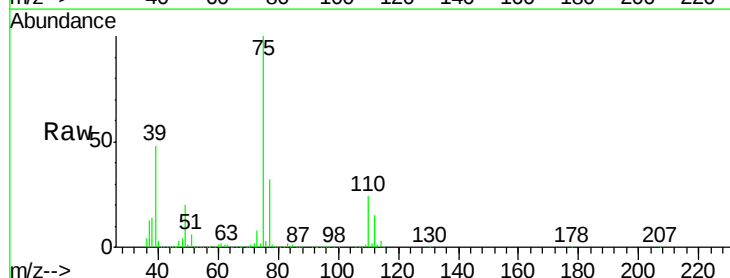
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

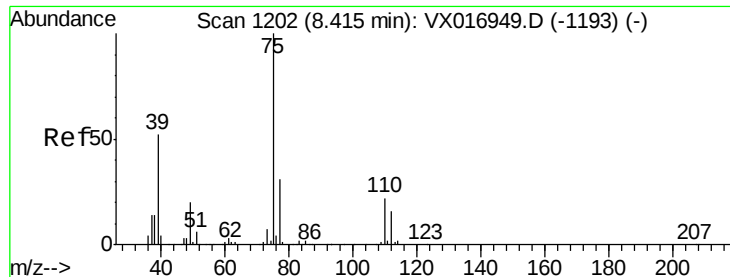
Tgt Ion: 43 Resp: 906002
Ion Ratio Lower Upper
43 100
55 22.3 18.6 27.8



#48
t-1,3-Dichloropropene
Concen: 156.001 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Tgt Ion: 75 Resp: 664003
Ion Ratio Lower Upper
75 100
77 31.9 27.0 40.4



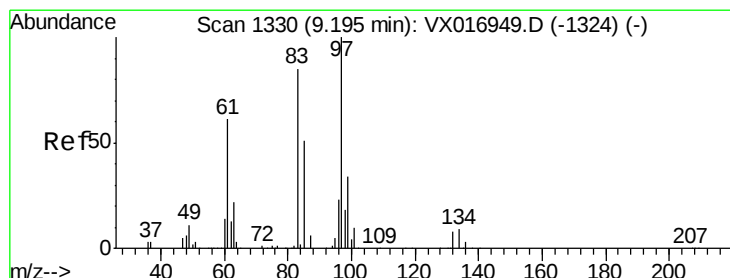
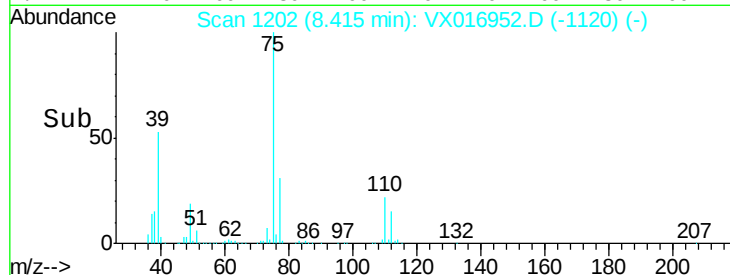
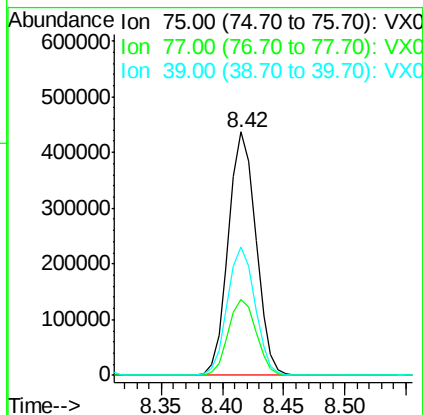
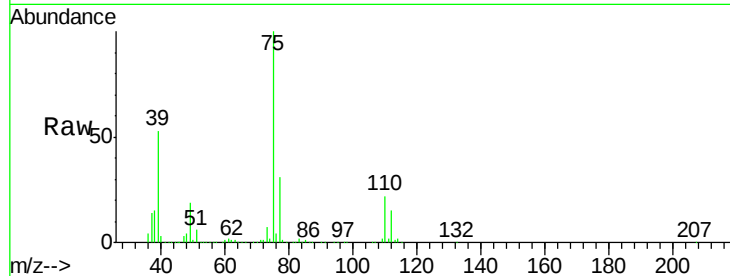


#49

cis-1,3-Dichloropropene
Concen: 152.562 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

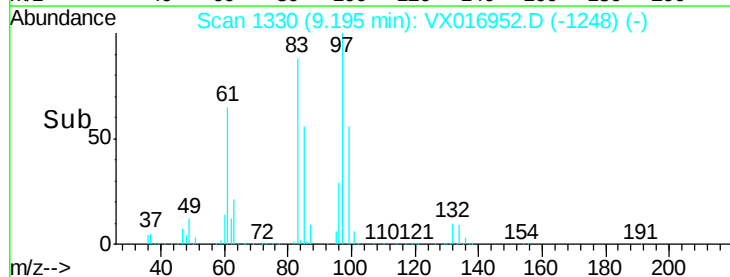
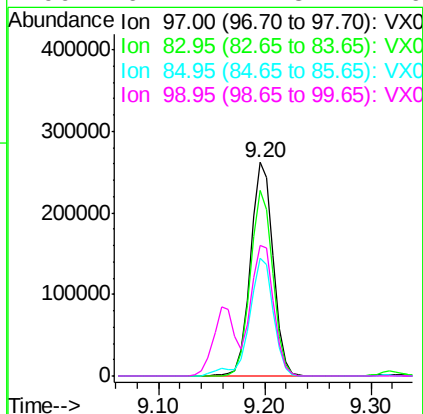
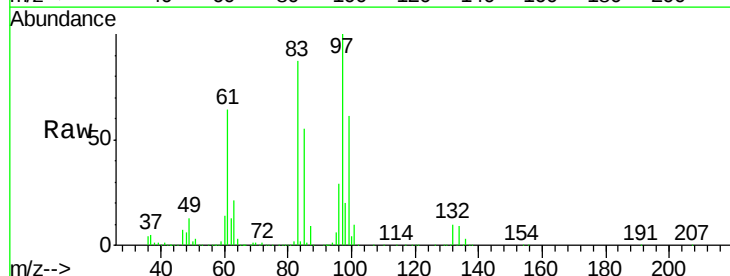
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2
39	52.8	41.8	62.6

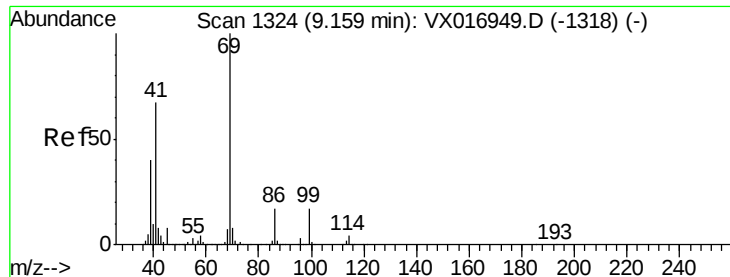


#50

1,1,2-Trichloroethane
Concen: 150.551 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.4	101.0
85	55.0	42.9	64.3
99	61.2	47.8	71.6





#51

Ethyl methacrylate

Concen: 164.267 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

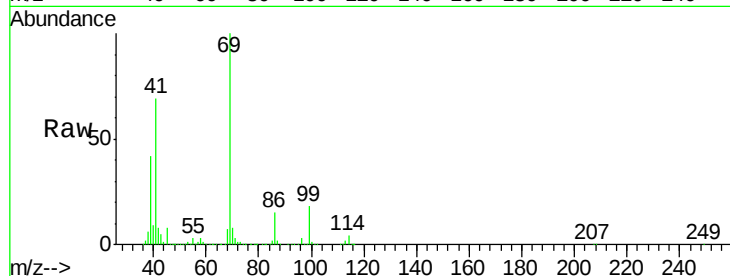
Tgt Ion: 69 Resp: 654065

Ion Ratio Lower Upper

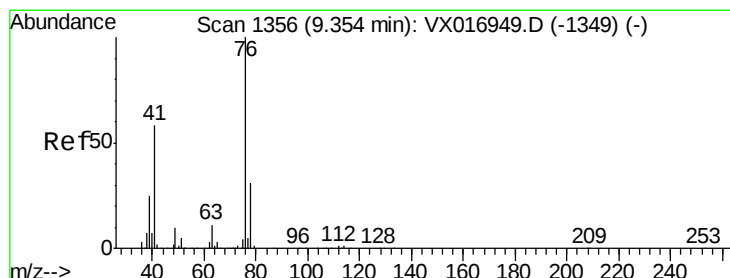
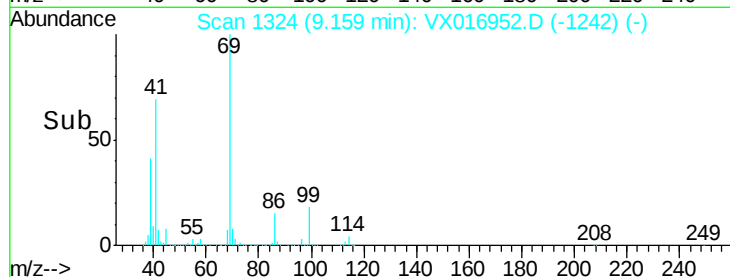
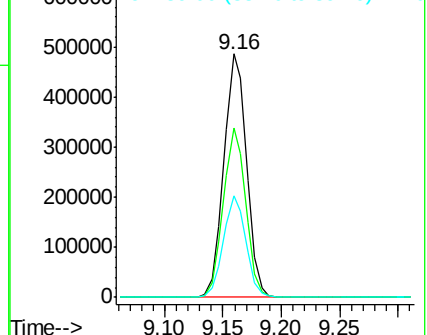
69 100

41 69.3 33.7 101.1

39 41.6 19.9 59.7



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 149.666 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016952.D

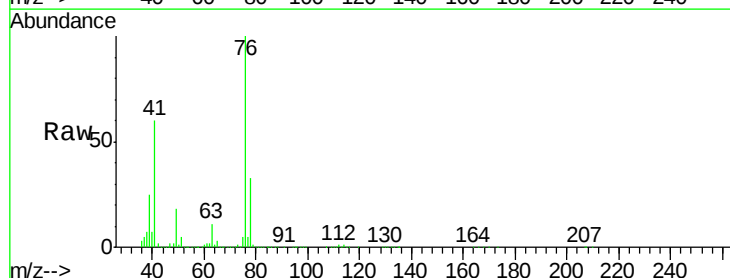
Acq: 25 Jun 2020 14:12

Tgt Ion: 76 Resp: 666668

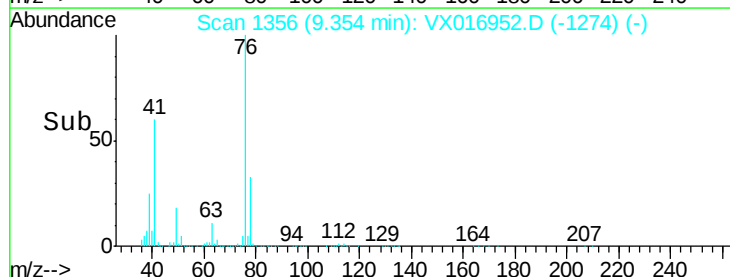
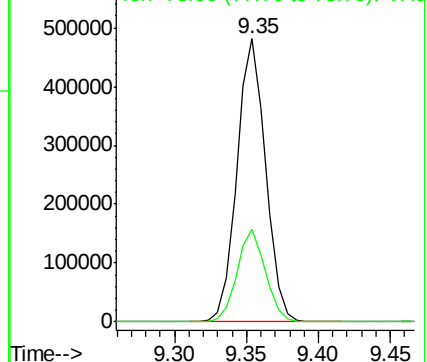
Ion Ratio Lower Upper

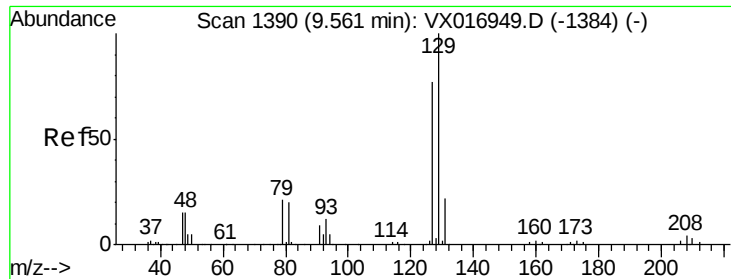
76 100

78 32.2 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 156.023 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

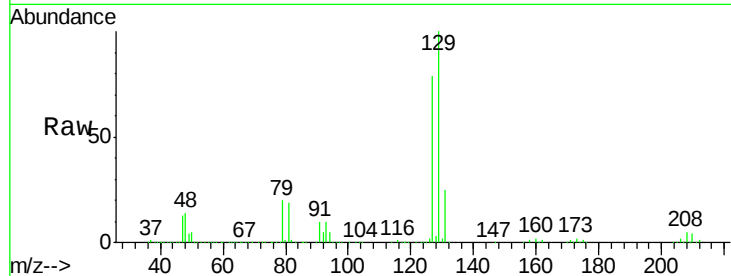
VSTDIC150

Tgt Ion:129 Resp: 465270

Ion Ratio Lower Upper

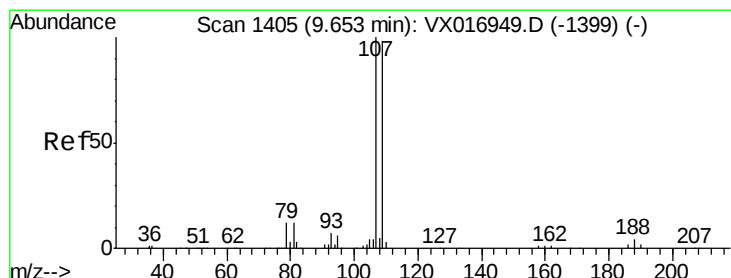
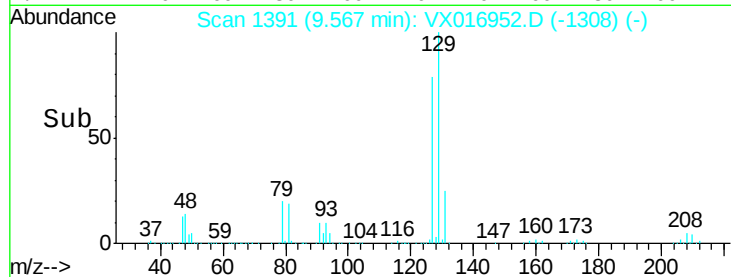
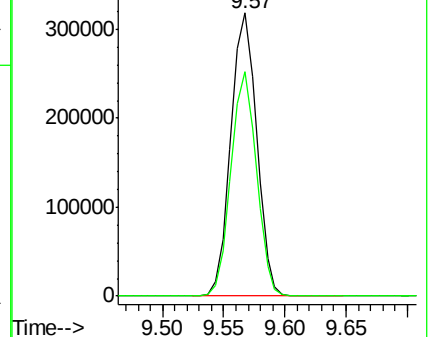
129 100

127 78.2 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 152.967 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016952.D

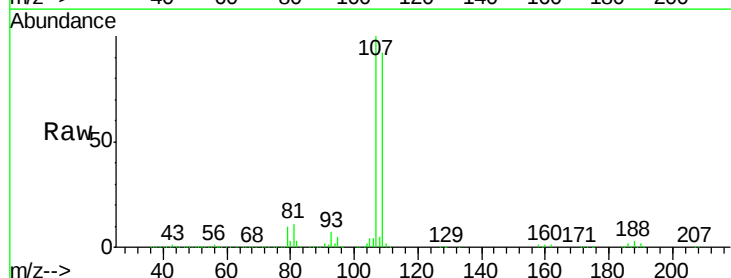
Acq: 25 Jun 2020 14:12

Tgt Ion:107 Resp: 421133

Ion Ratio Lower Upper

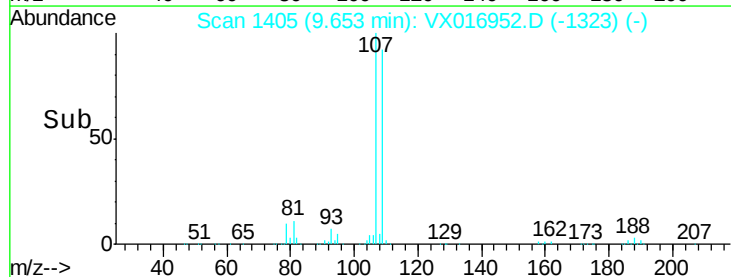
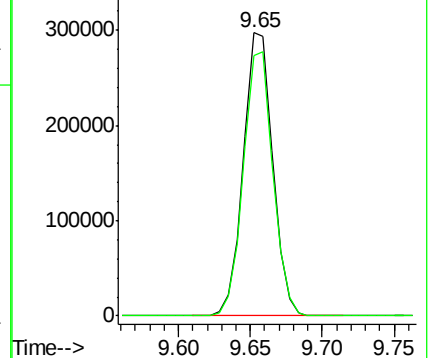
107 100

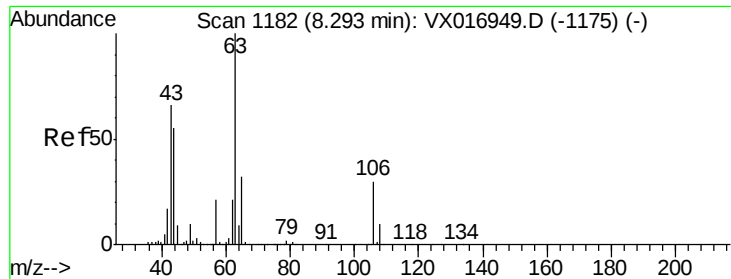
109 94.0 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

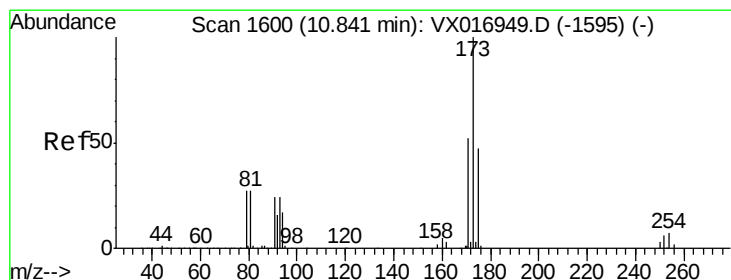
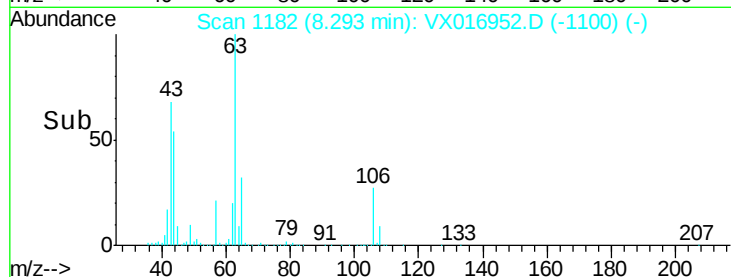
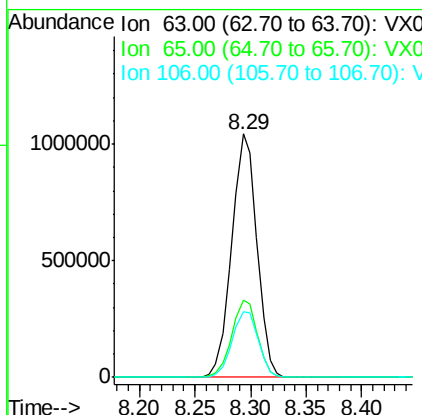
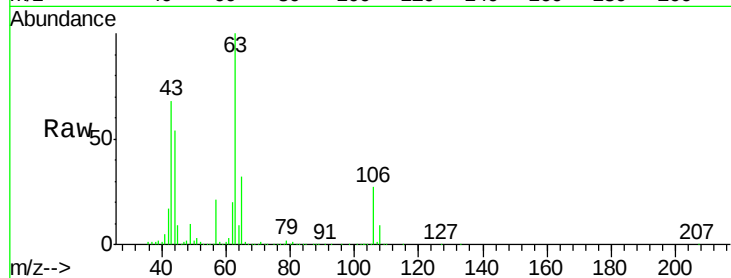




#55
 2-Chloroethyl vinyl ether
 Concen: 779.894 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

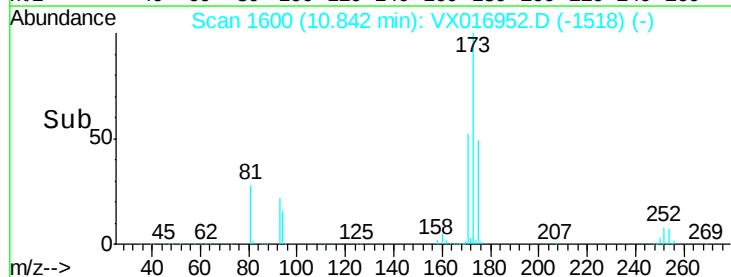
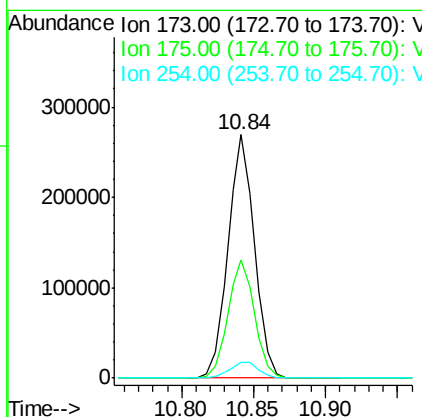
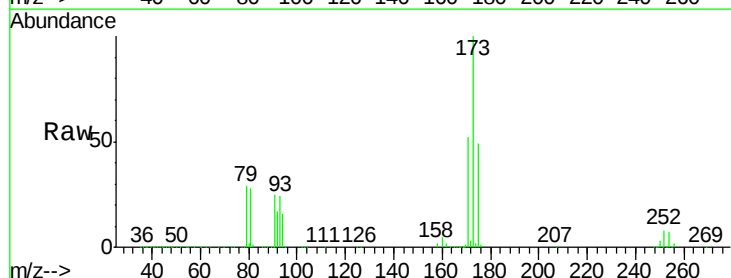
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

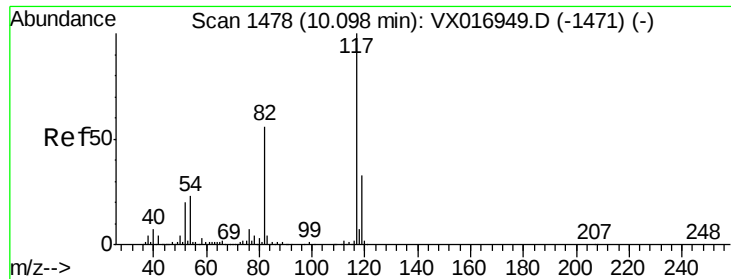
Tgt Ion: 63 Resp: 1634128
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.9 38.9
 106 28.2 22.6 33.8



#56
 Bromoform
 Concen: 164.019 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

Tgt Ion: 173 Resp: 347201
 Ion Ratio Lower Upper
 173 100
 175 48.9 38.7 58.1
 254 7.1 5.8 8.6

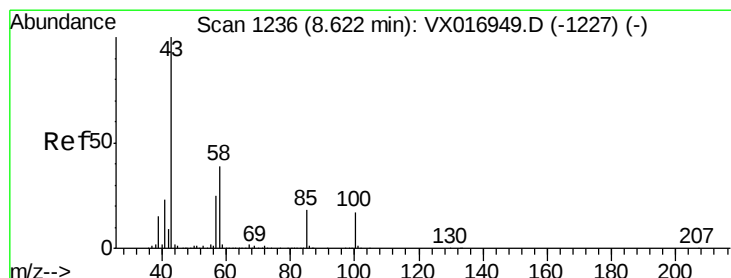
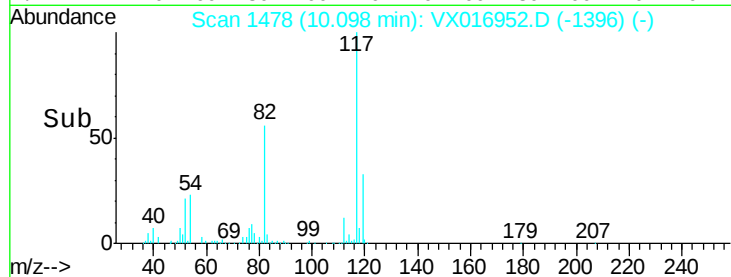
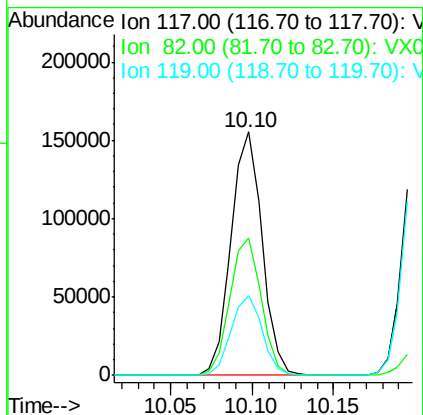
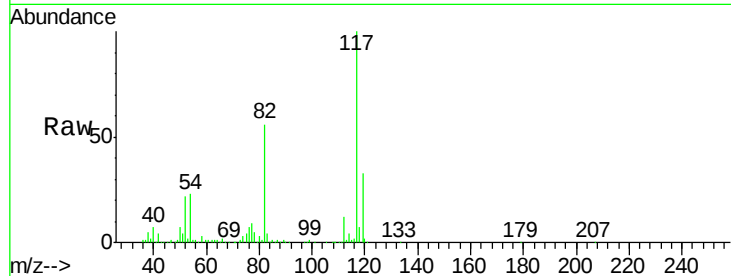




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

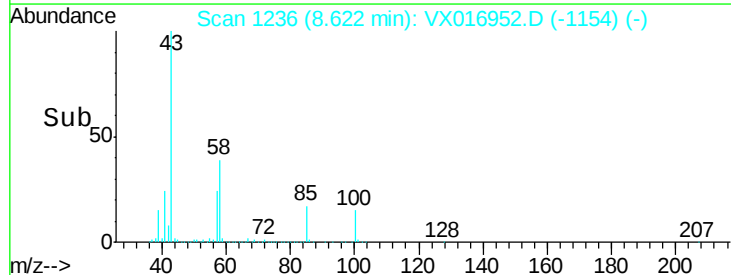
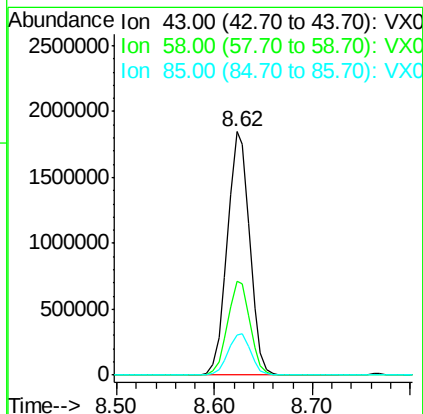
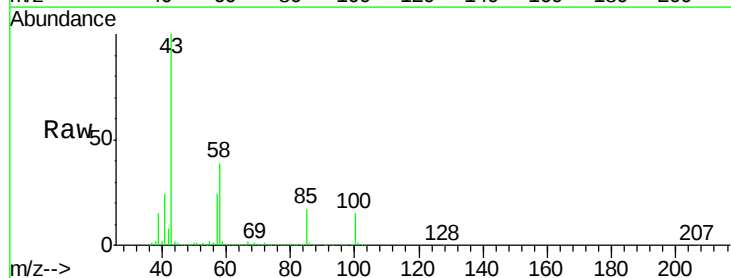
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

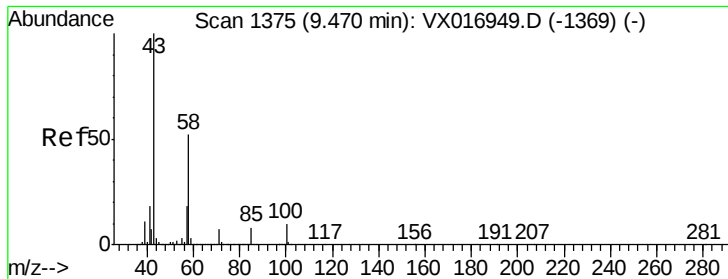
Tgt Ion: 117 Resp: 206450
Ion Ratio Lower Upper
117 100
82 56.8 44.9 67.3
119 32.8 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 770.190 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Tgt Ion: 43 Resp: 2928928
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6
85 17.2 13.5 20.3





#59

2-Hexanone

Concen: 774.701 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

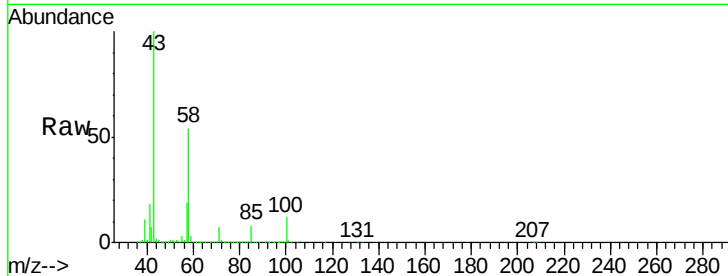
Tgt Ion: 43 Resp: 2198700

Ion Ratio Lower Upper

43 100

58 53.8 42.3 63.5

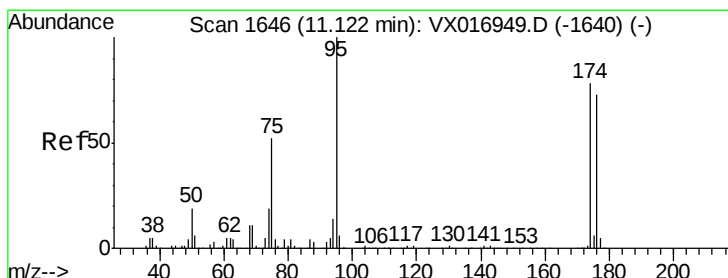
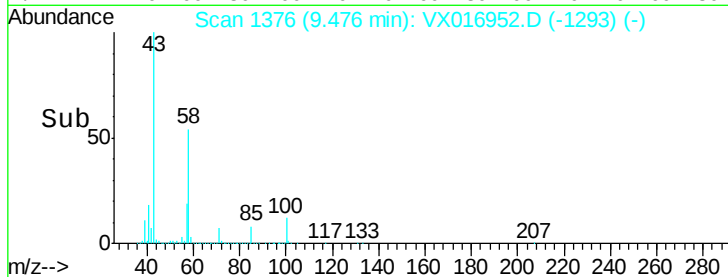
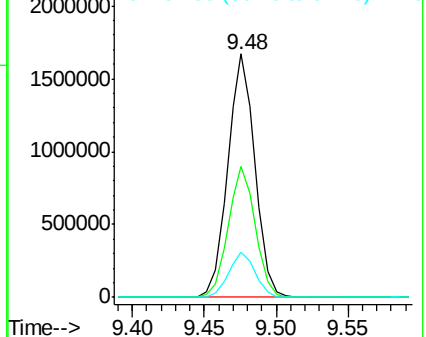
57 18.6 14.1 21.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#60

4-Bromofluorobenzene

Concen: 30.902 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

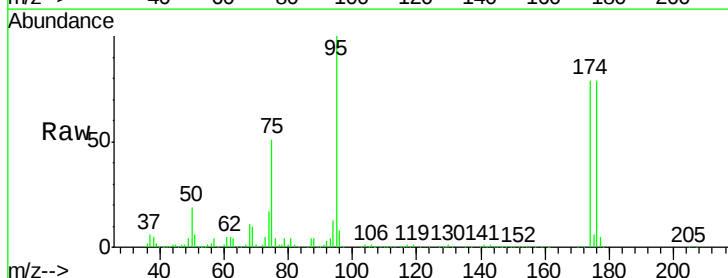
Tgt Ion: 95 Resp: 106395

Ion Ratio Lower Upper

95 100

174 79.3 62.2 93.4

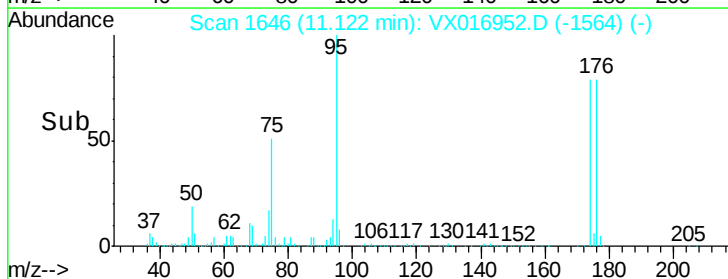
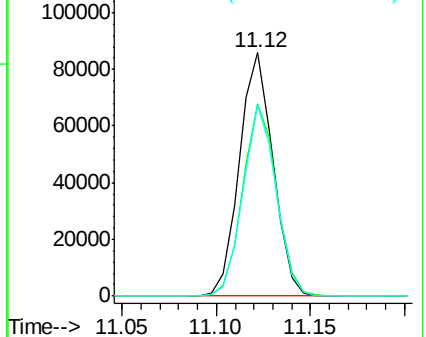
176 77.0 58.9 88.3

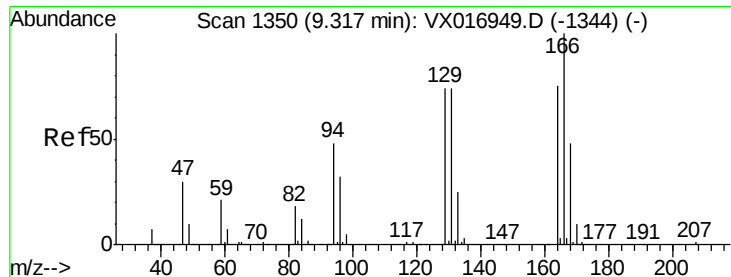


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 141.459 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 372441

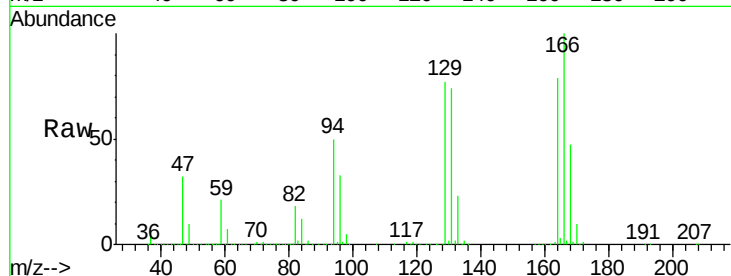
Ion Ratio Lower Upper

164 100

166 126.9 106.3 159.5

129 97.3 78.9 118.3

131 93.7 78.2 117.4

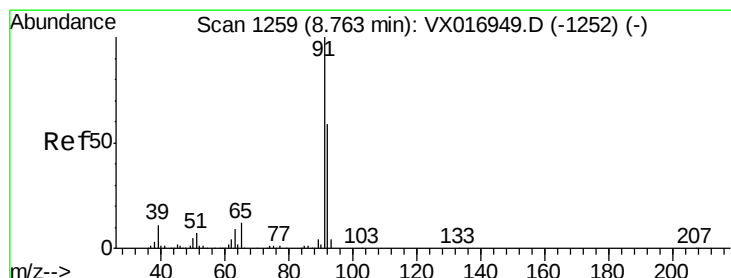
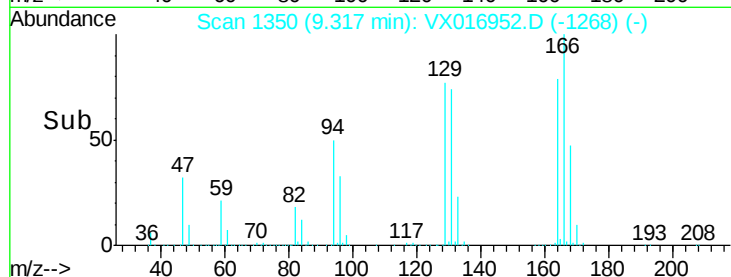
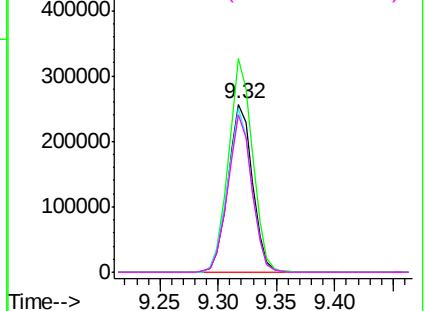


Abundance Ion 163.85 (163.55 to 164.55): V

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



#62

Toluene

Concen: 146.193 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016952.D

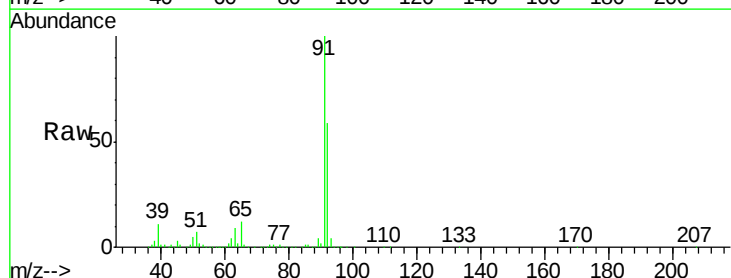
Acq: 25 Jun 2020 14:12

Tgt Ion: 91 Resp: 1650790

Ion Ratio Lower Upper

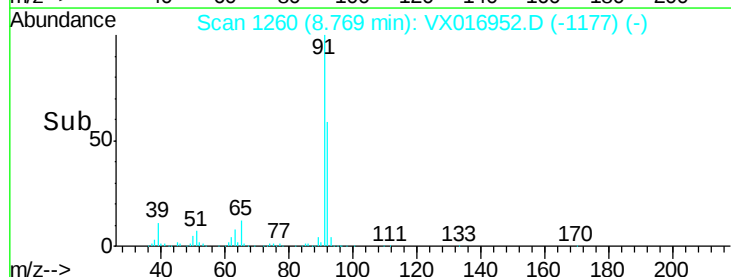
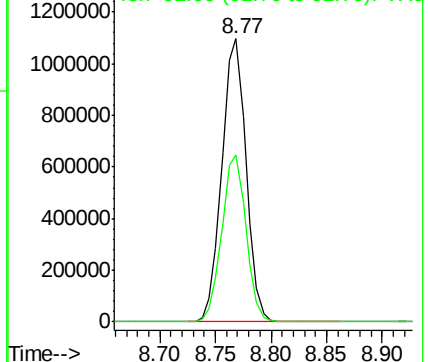
91 100

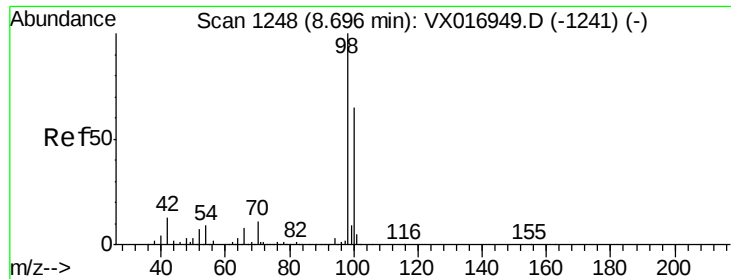
92 59.0 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.579 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

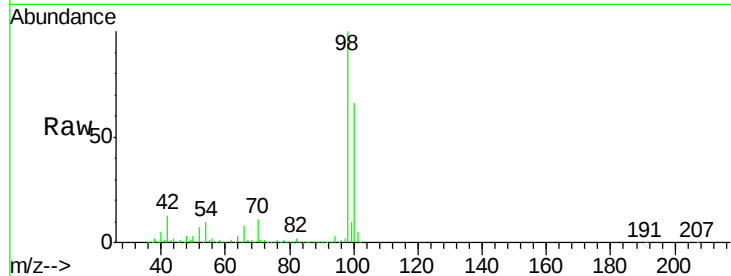
VSTDIC150

Tgt Ion: 98 Resp: 269186

Ion Ratio Lower Upper

98 100

100 66.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX016949.D (-1241) (-)

Ion 100.00 (99.70 to 100.70): VX016949.D (-1241) (-)

300000

250000

200000

150000

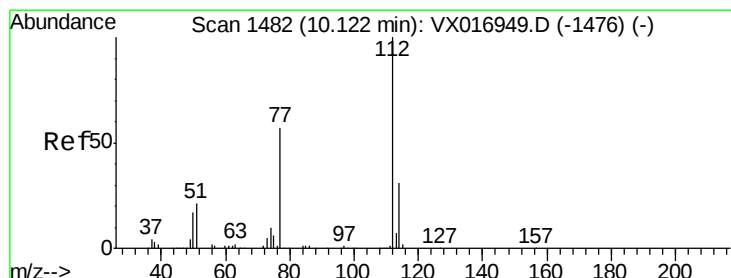
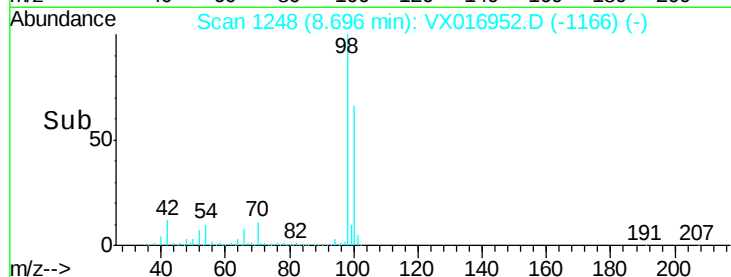
100000

50000

0

8.65 8.70 8.75

Time-->



#64

Chlorobenzene

Concen: 149.806 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016952.D

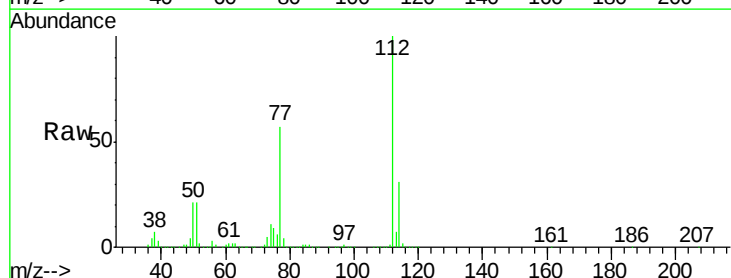
Acq: 25 Jun 2020 14:12

Tgt Ion: 112 Resp: 1059770

Ion Ratio Lower Upper

112 100

114 31.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): VX016949.D (-1476) (-)

Ion 114.00 (113.70 to 114.70): VX016949.D (-1476) (-)

800000

600000

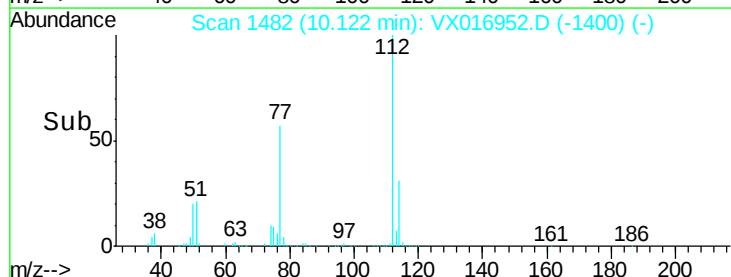
400000

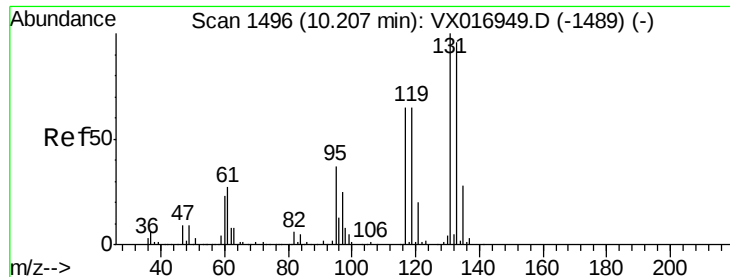
200000

0

10.10 10.12 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 151.444 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

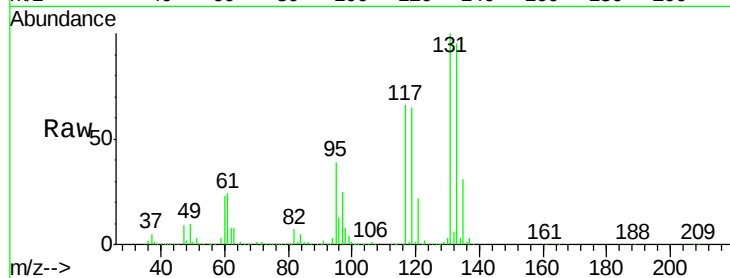
Tgt Ion:131 Resp: 403322

Ion Ratio Lower Upper

131 100

133 95.3 0.0 190.2

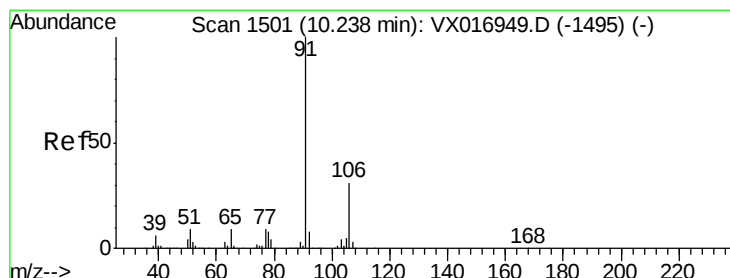
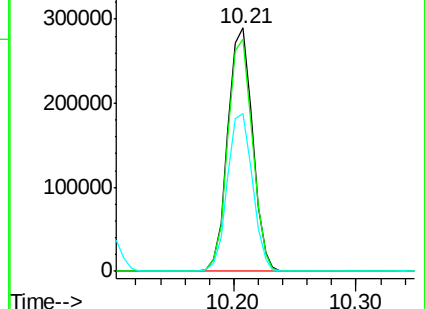
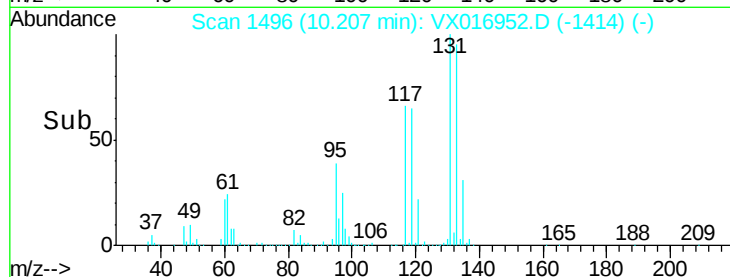
119 66.0 0.0 133.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 150.620 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016952.D

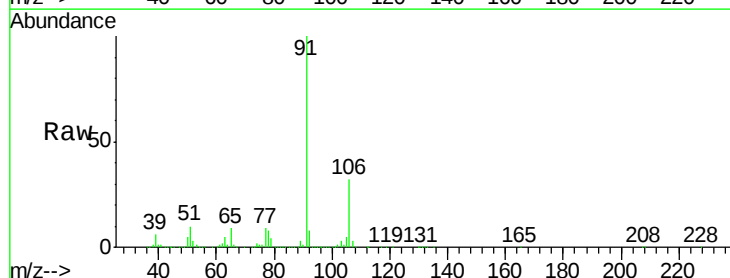
Acq: 25 Jun 2020 14:12

Tgt Ion: 91 Resp: 1886067

Ion Ratio Lower Upper

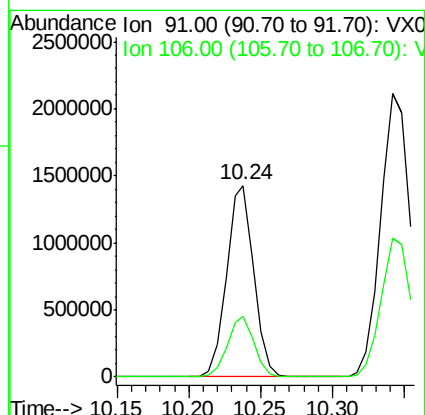
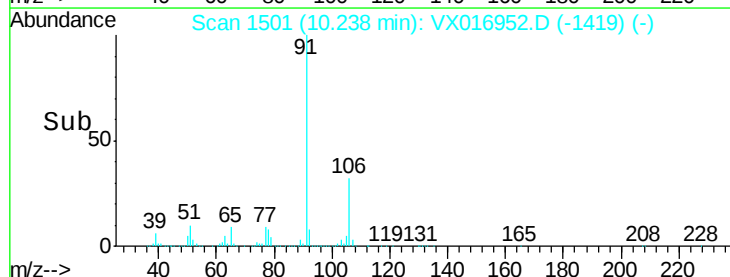
91 100

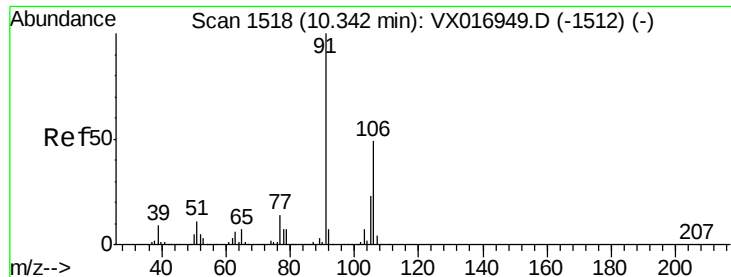
106 31.7 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 304.995 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

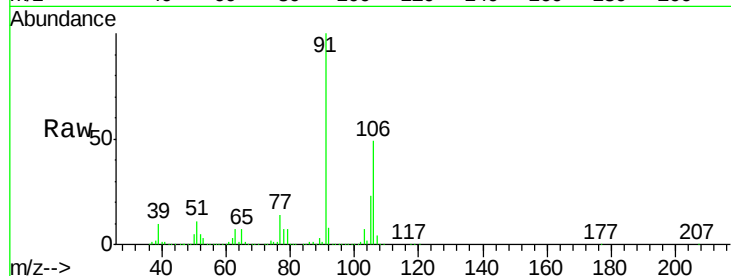
VSTDIC150

Tgt Ion:106 Resp: 1440723

Ion Ratio Lower Upper

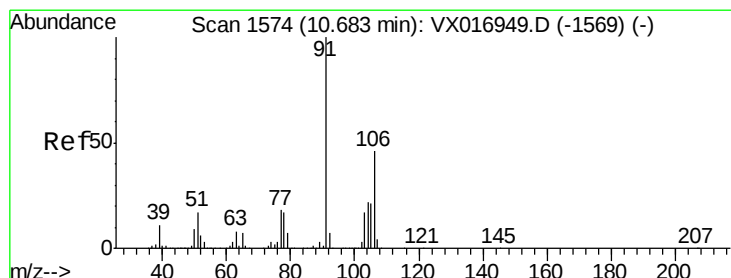
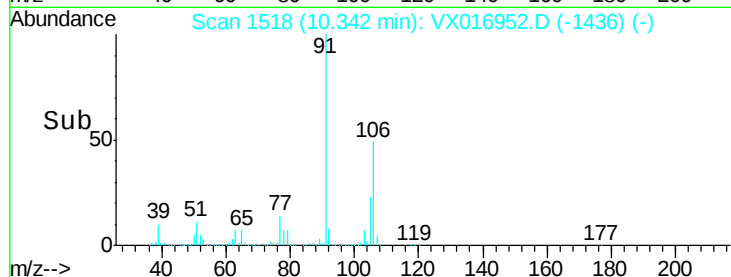
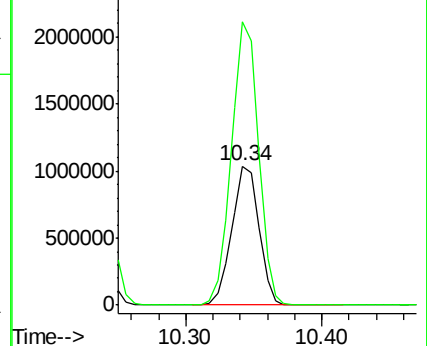
106 100

91 202.3 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 154.219 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016952.D

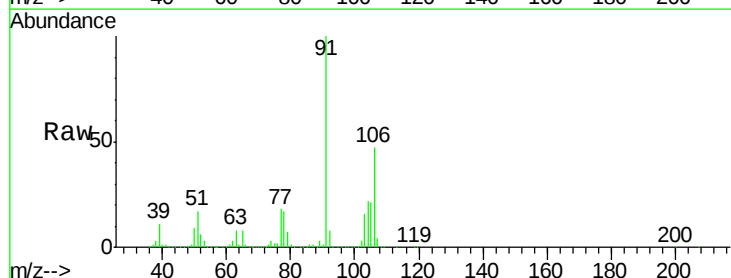
Acq: 25 Jun 2020 14:12

Tgt Ion:106 Resp: 699778

Ion Ratio Lower Upper

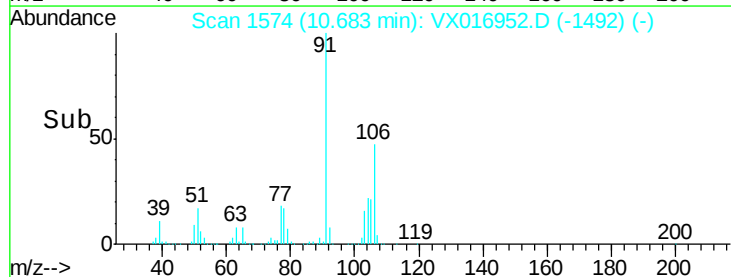
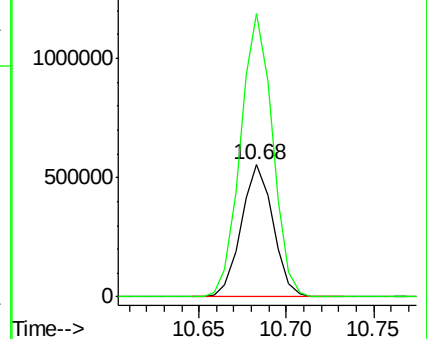
106 100

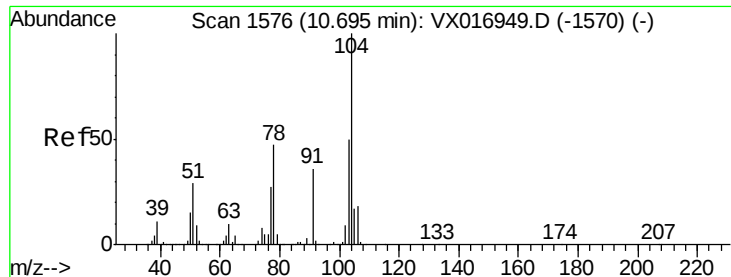
91 215.6 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 160.372 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

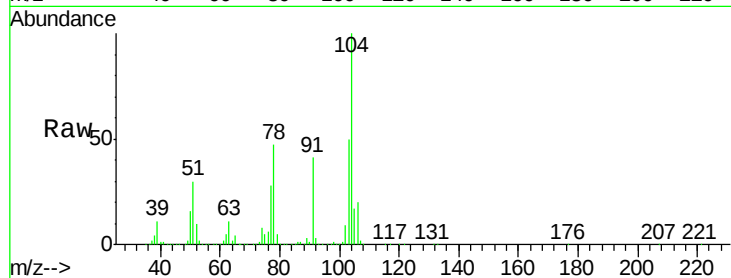
Tgt Ion:104 Resp: 1245992

Ion Ratio Lower Upper

104 100

78 51.5 42.6 64.0

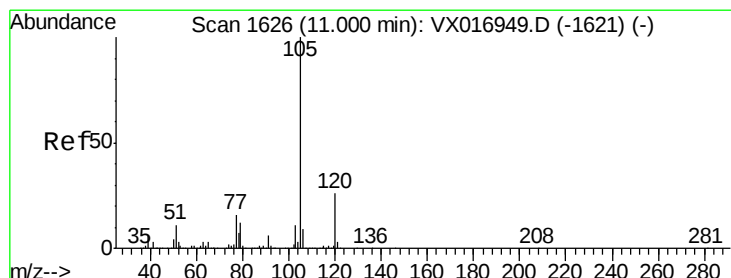
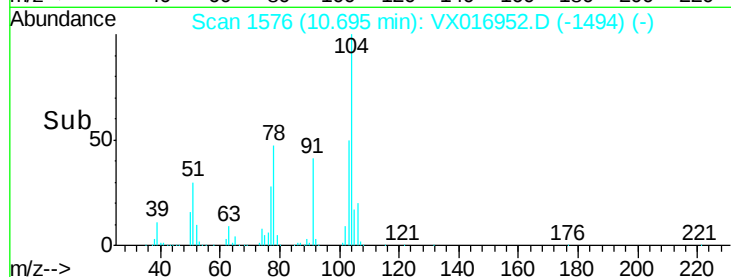
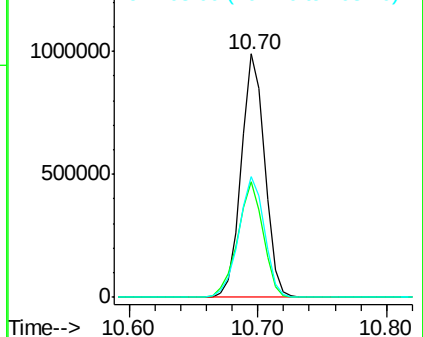
103 54.2 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 154.384 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016952.D

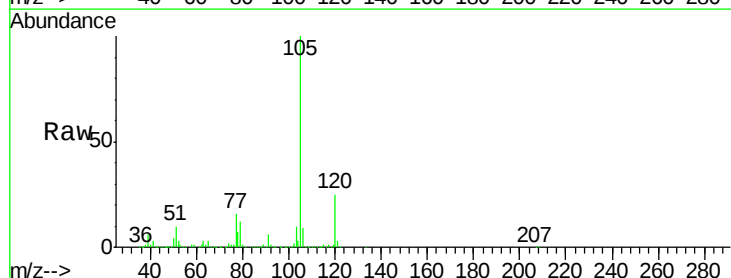
Acq: 25 Jun 2020 14:12

Tgt Ion:105 Resp: 1900025

Ion Ratio Lower Upper

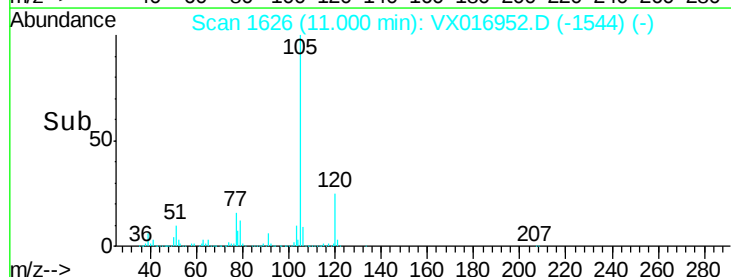
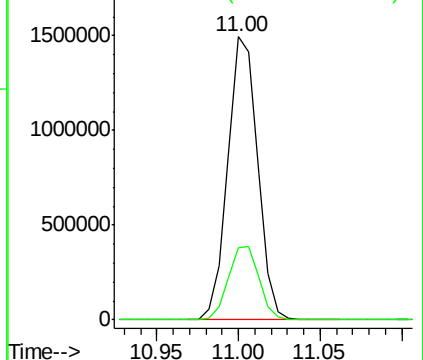
105 100

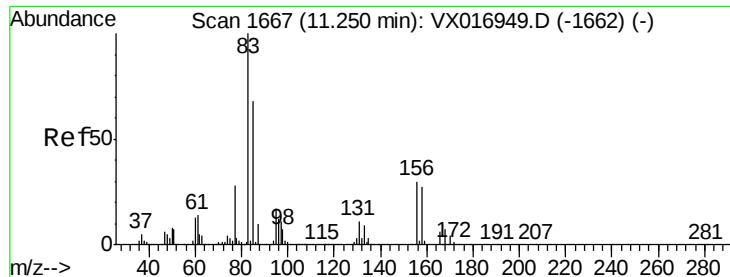
120 26.5 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 152.646 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

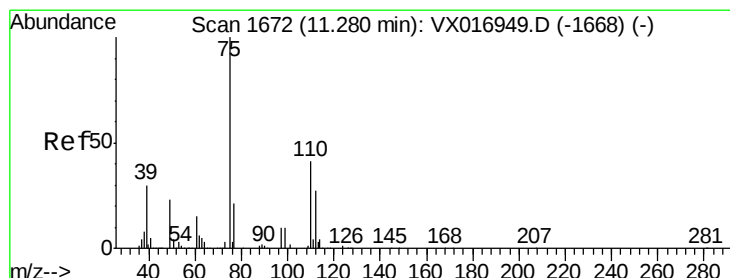
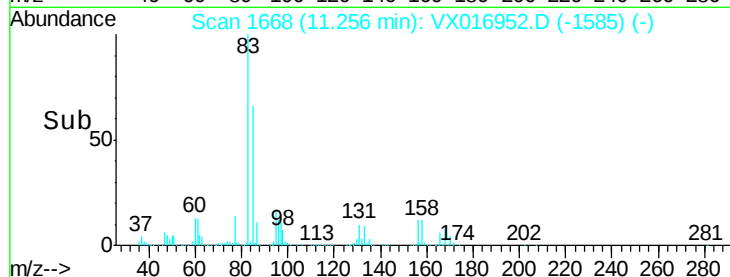
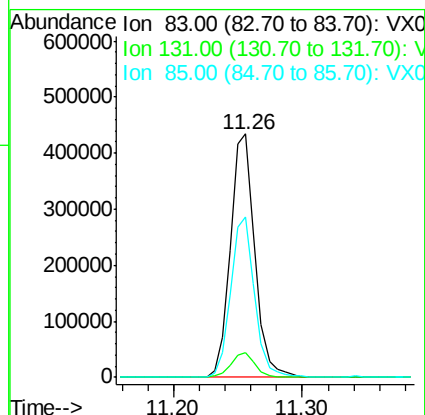
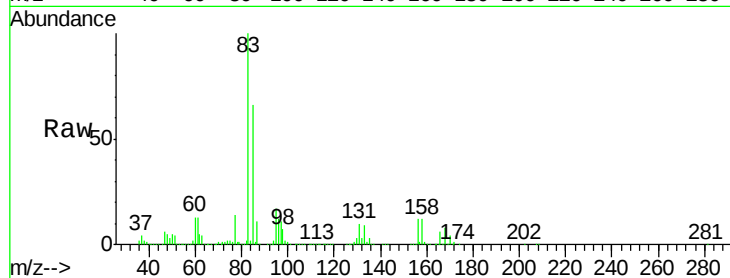
Tgt Ion: 83 Resp: 576956

Ion Ratio Lower Upper

83 100

131 10.0 5.2 15.6

85 64.8 33.1 99.3



#72

1,2,3-Trichloropropane

Concen: 199.421 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016952.D

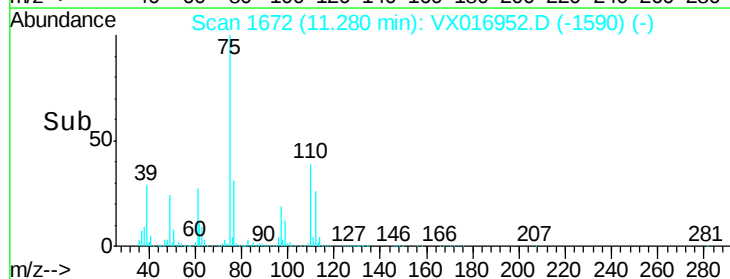
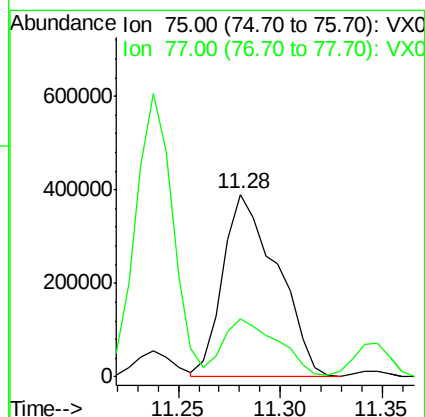
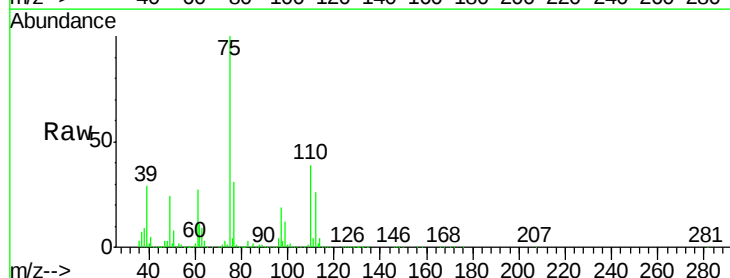
Acq: 25 Jun 2020 14:12

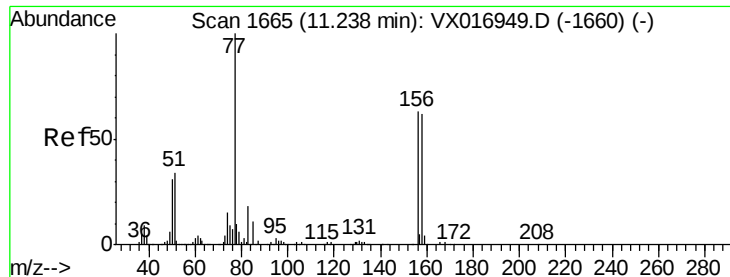
Tgt Ion: 75 Resp: 723843

Ion Ratio Lower Upper

75 100

77 31.9 0.0 77.2





#73

Bromobenzene

Concen: 152.479 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

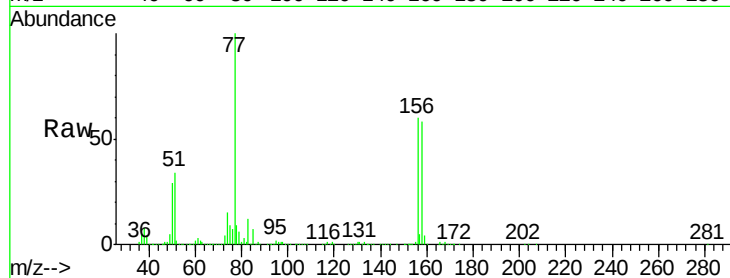
Tgt Ion:156 Resp: 473609

Ion Ratio Lower Upper

156 100

77 161.5 0.0 317.2

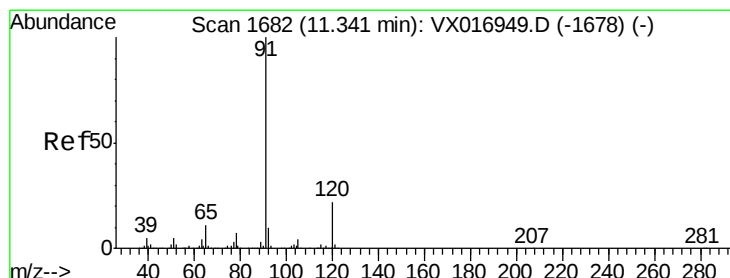
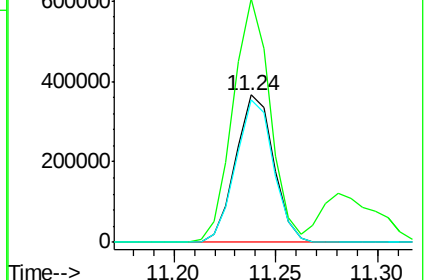
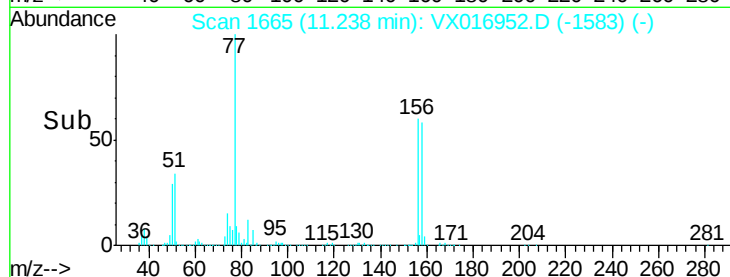
158 95.9 0.0 188.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 153.222 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016952.D

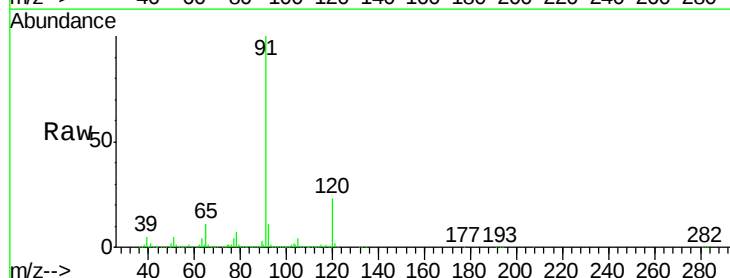
Acq: 25 Jun 2020 14:12

Tgt Ion: 91 Resp: 2239013

Ion Ratio Lower Upper

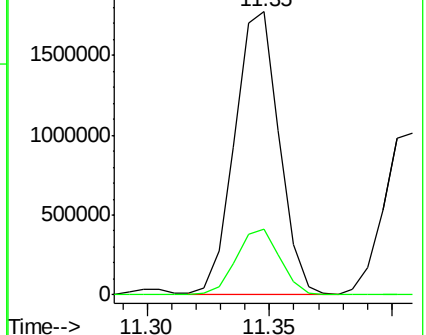
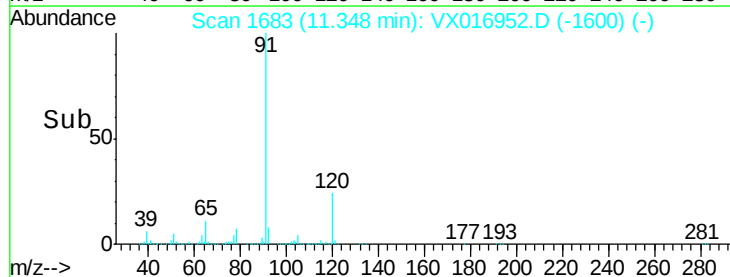
91 100

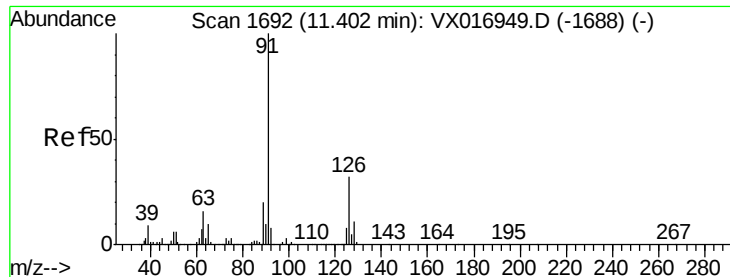
120 22.9 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 152.136 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

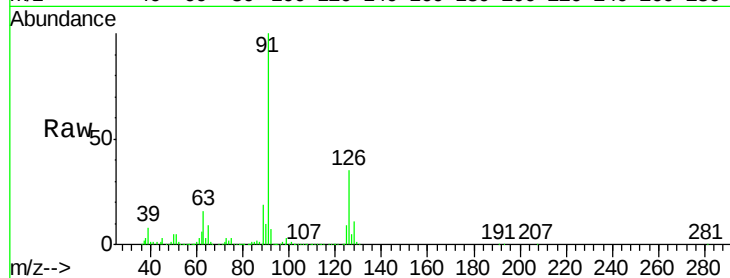
VSTDIC150

Tgt Ion: 91 Resp: 1296378

Ion Ratio Lower Upper

91 100

126 33.9 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX016949.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX016949.D (-1688) (-)

2000000

1500000

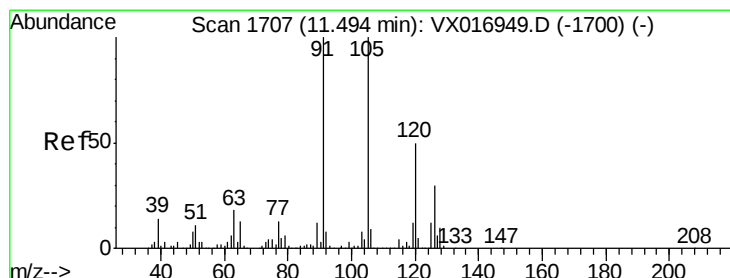
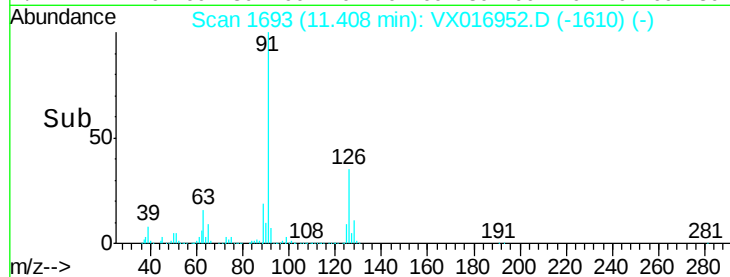
1000000

500000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 154.971 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016952.D

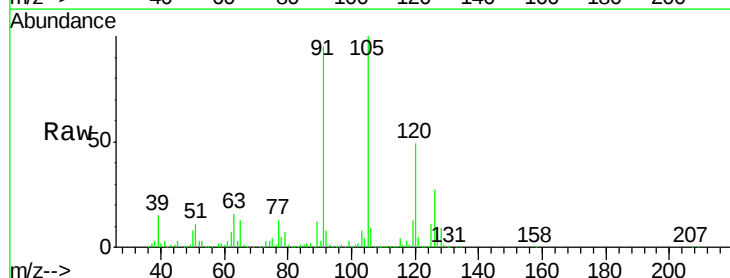
Acq: 25 Jun 2020 14:12

Tgt Ion: 105 Resp: 1600912

Ion Ratio Lower Upper

105 100

120 48.8 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX016949.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016949.D (-1700) (-)

1500000

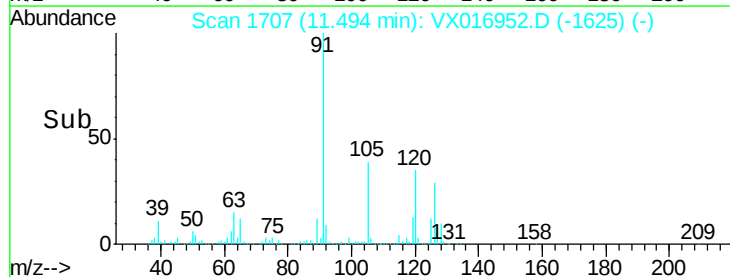
1000000

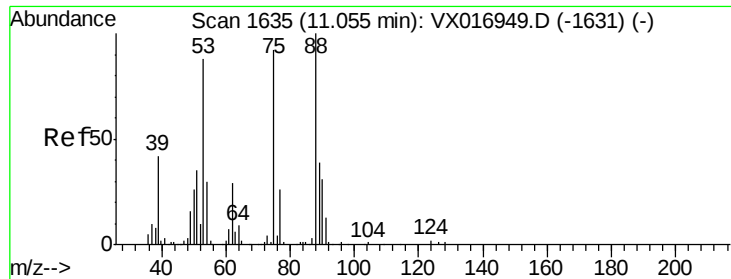
500000

0

11.45 11.50

Time-->

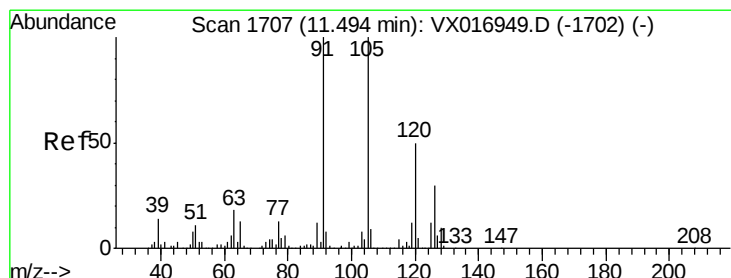
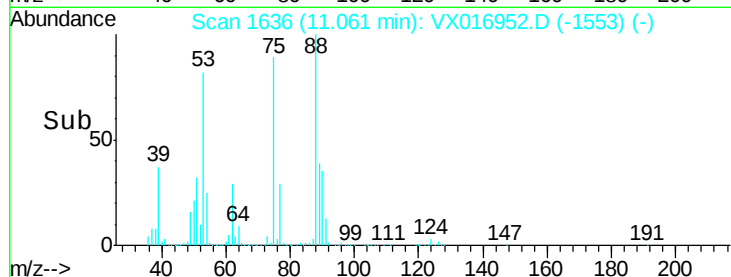
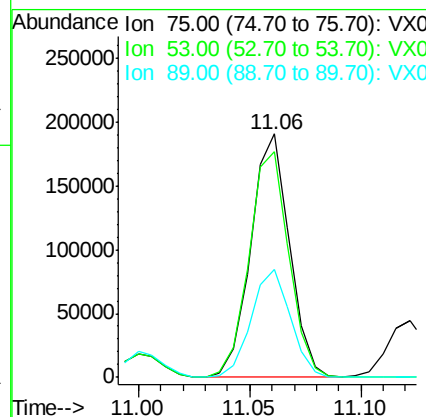
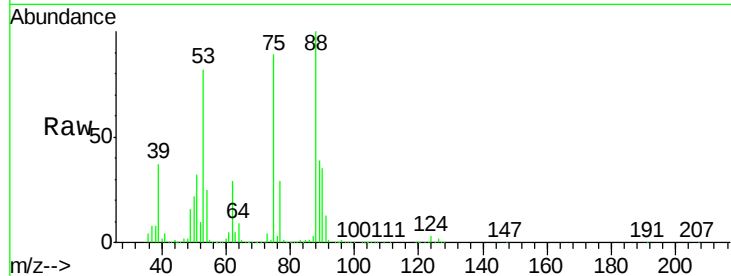




#77
t-1,4-Dichloro-2-butene
Concen: 157.163 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

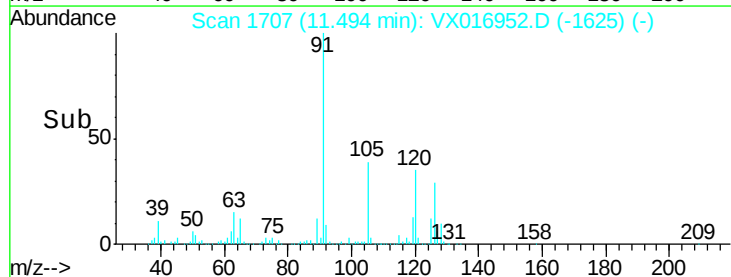
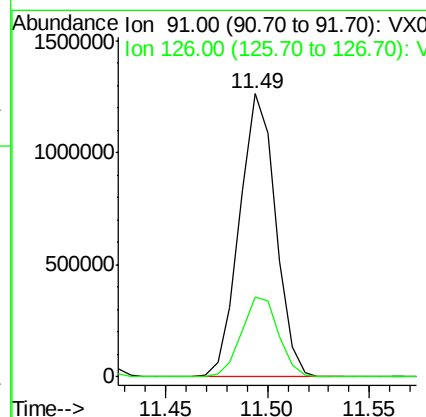
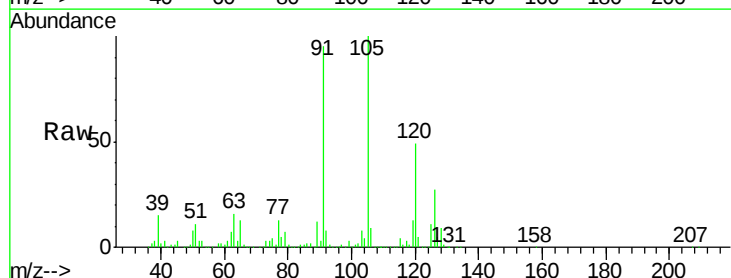
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

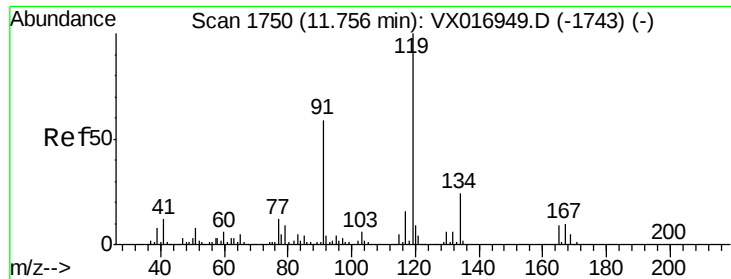
Tgt Ion: 75 Resp: 231184
Ion Ratio Lower Upper
75 100
53 92.7 47.6 142.9
89 44.4 21.1 63.4



#78
4-Chlorotoluene
Concen: 153.773 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Tgt Ion: 91 Resp: 1551443
Ion Ratio Lower Upper
91 100
126 28.8 0.0 60.6

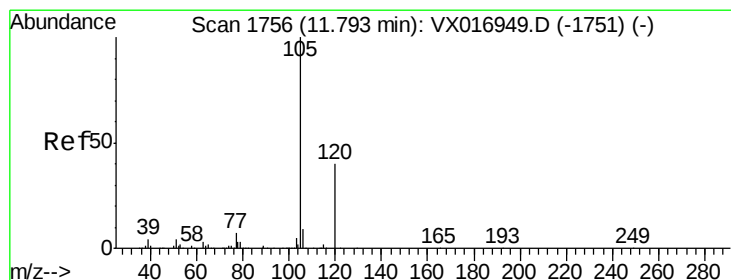
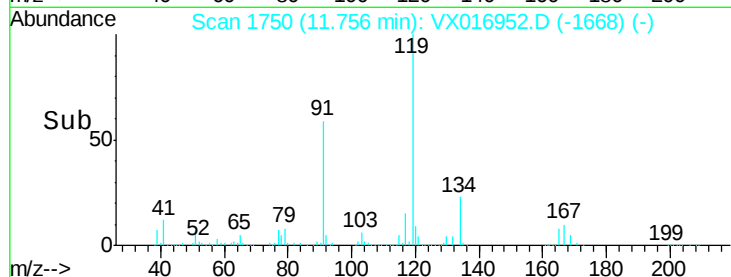
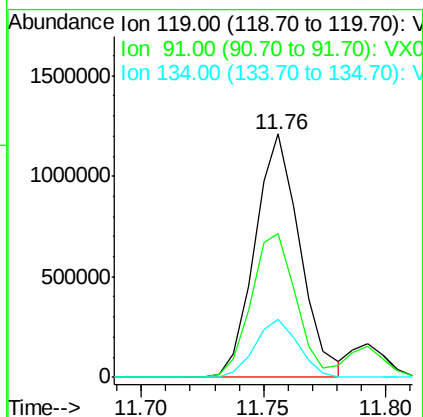
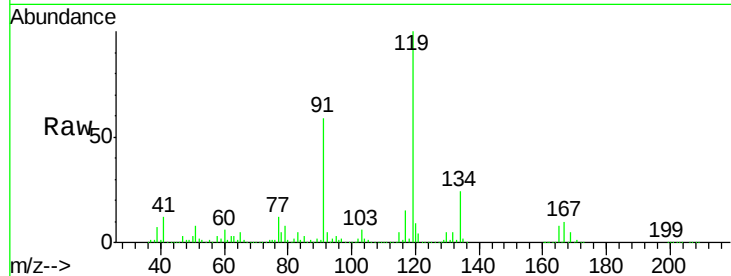




#79
tert-butylbenzene
Concen: 155.941 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

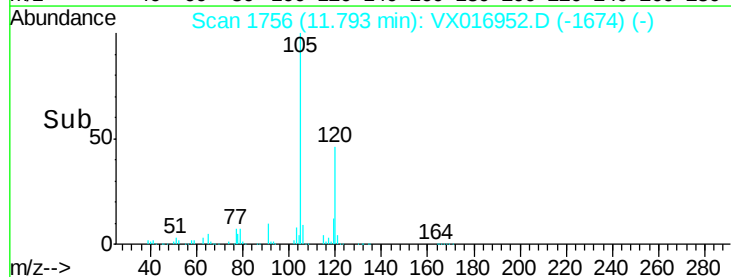
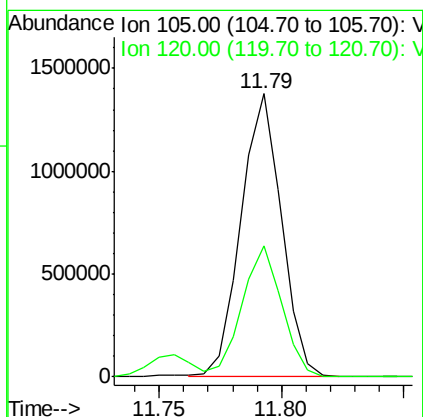
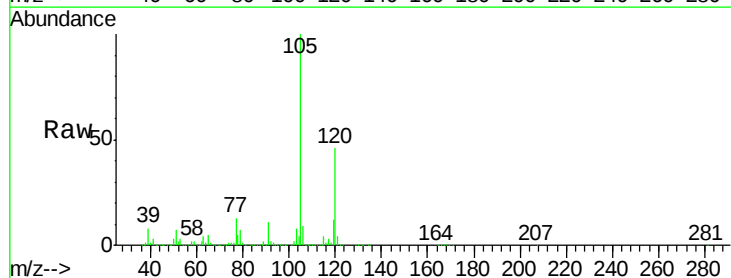
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

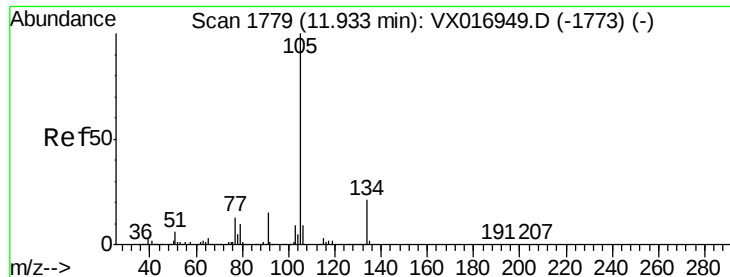
Tgt Ion:119 Resp: 1543217
Ion Ratio Lower Upper
119 100
91 58.6 0.0 115.2
134 23.2 0.0 45.8



#80
1,2,4-Trimethylbenzene
Concen: 153.322 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016952.D
Acq: 25 Jun 2020 14:12

Tgt Ion:105 Resp: 1590109
Ion Ratio Lower Upper
105 100
120 45.3 0.0 89.8

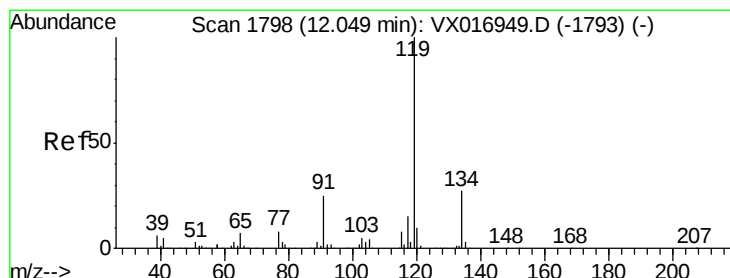
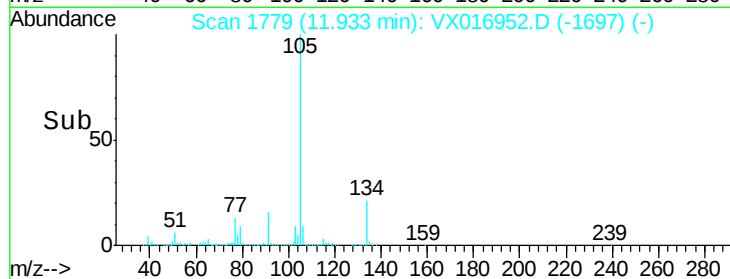
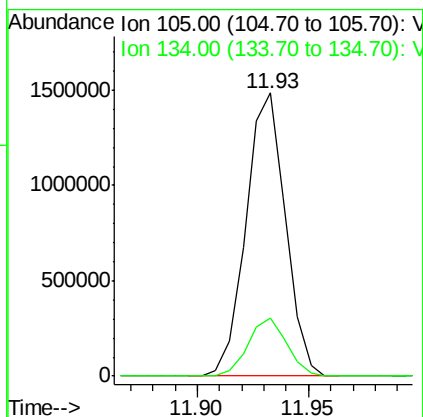
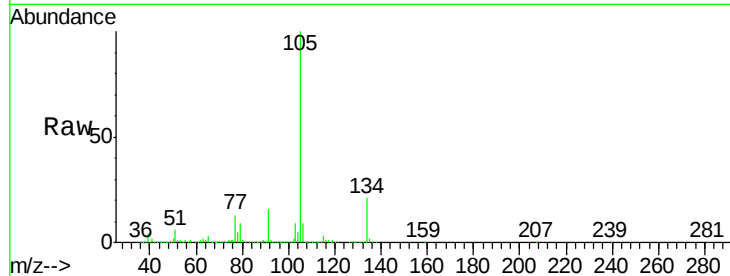




#81
 sec-Butylbenzene
 Concen: 153.204 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

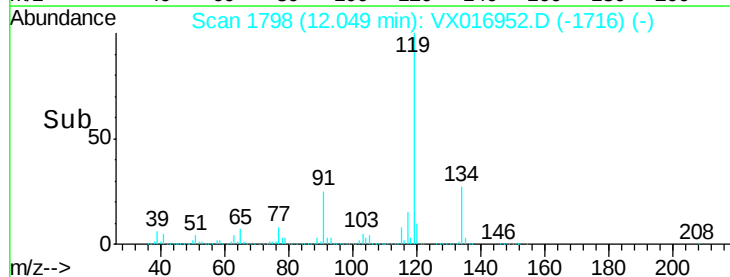
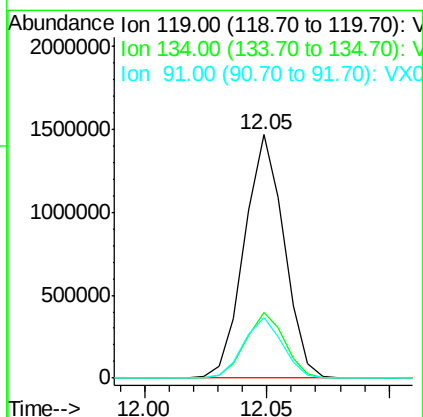
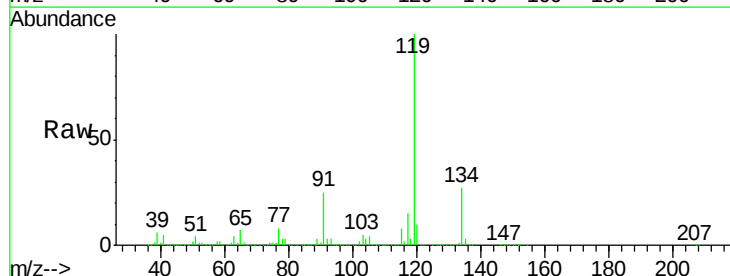
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

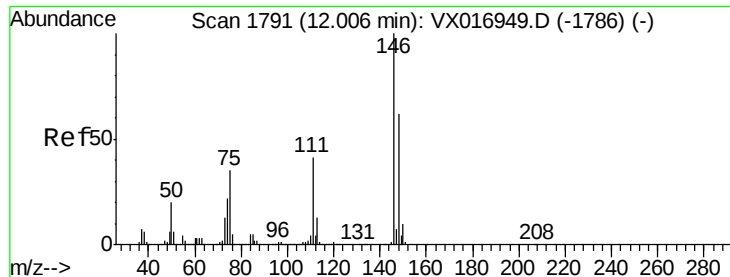
Tgt Ion:105 Resp: 1835645
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 152.854 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

Tgt Ion:119 Resp: 1653652
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.0
 91 24.6 0.0 49.0

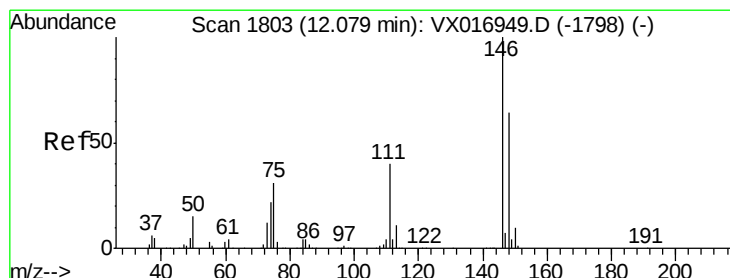
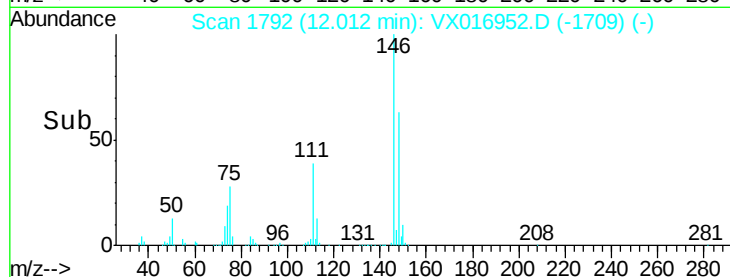
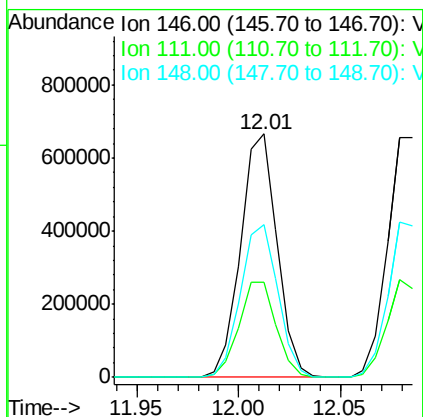
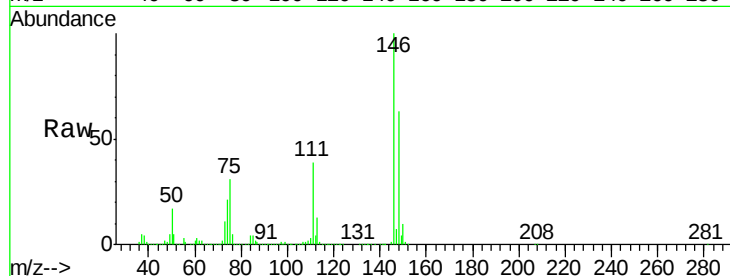




#83
 1,3-Dichlorobenzene
 Concen: 148.523 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

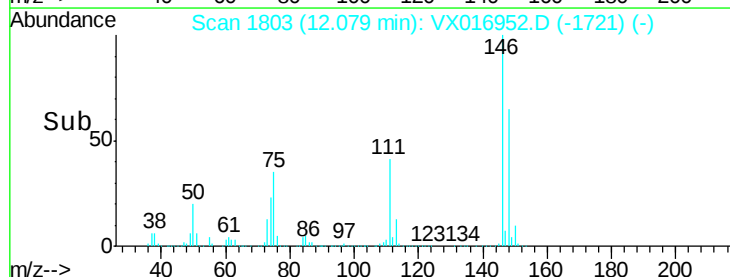
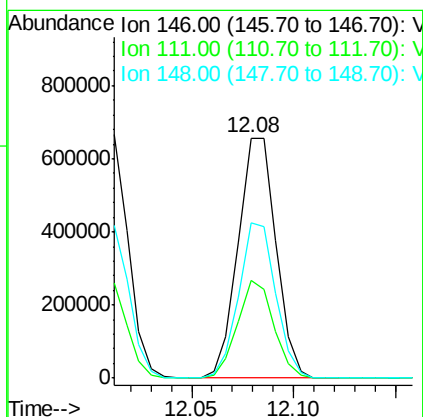
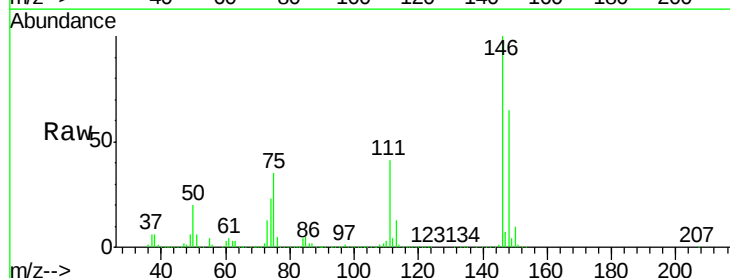
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

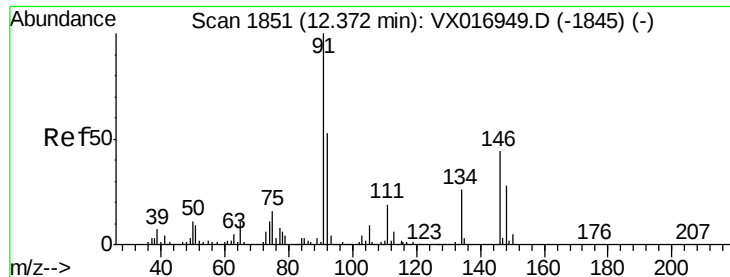
Tgt Ion:146 Resp: 826700
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.5 58.5
 148 64.3 31.8 95.4



#84
 1,4-Dichlorobenzene
 Concen: 152.404 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

Tgt Ion:146 Resp: 852331
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.2
 148 62.8 32.1 96.3





#85

n-Butylbenzene

Concen: 156.780 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

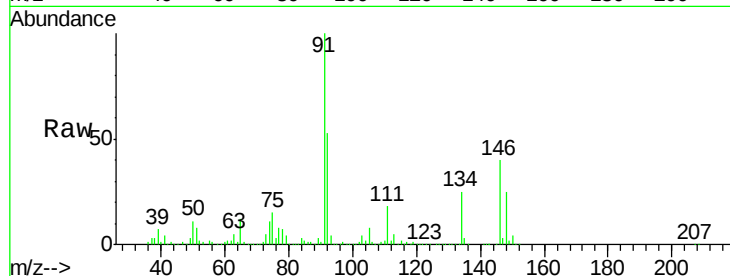
Tgt Ion: 91 Resp: 1569950

Ion Ratio Lower Upper

91 100

92 53.5 0.0 105.8

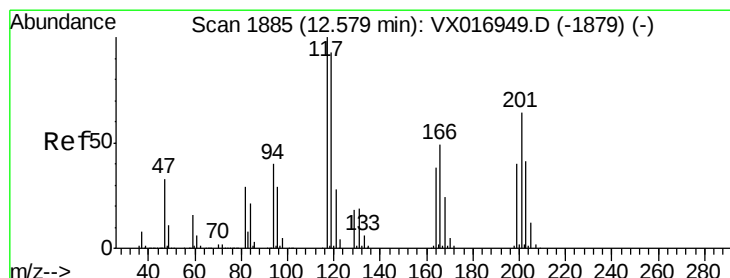
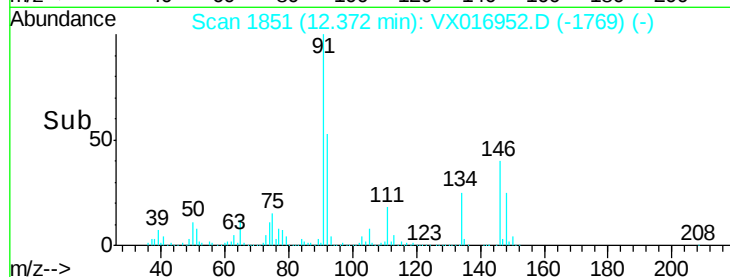
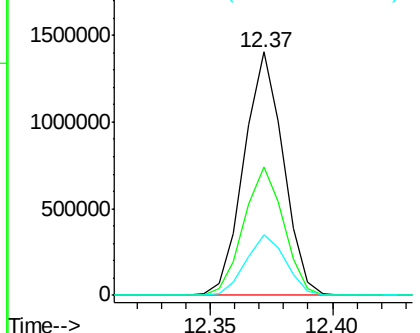
134 25.4 0.0 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 156.661 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016952.D

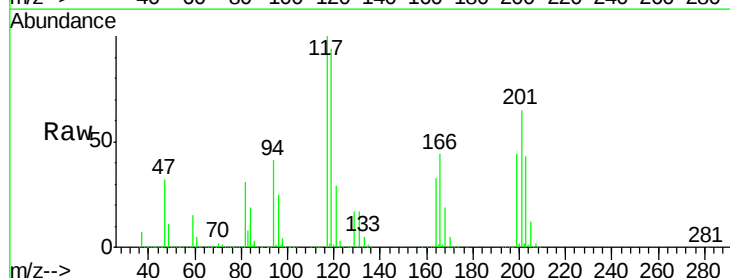
Acq: 25 Jun 2020 14:12

Tgt Ion: 117 Resp: 331680

Ion Ratio Lower Upper

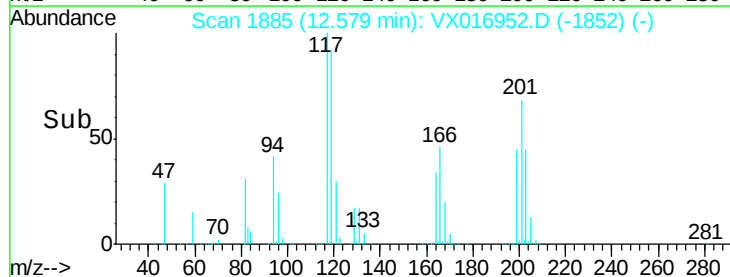
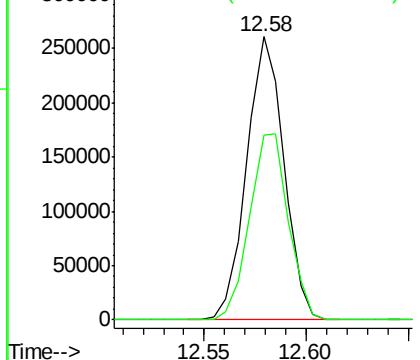
117 100

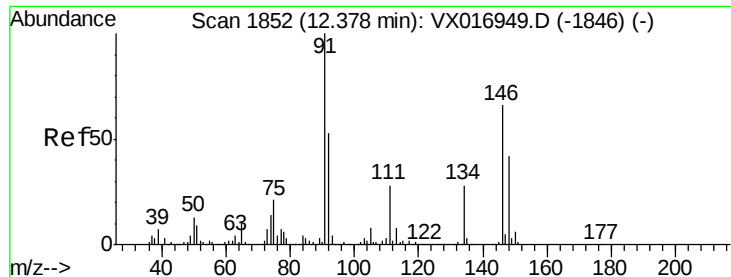
201 68.7 34.6 103.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#87

1,2-Dichlorobenzene

Concen: 151.825 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

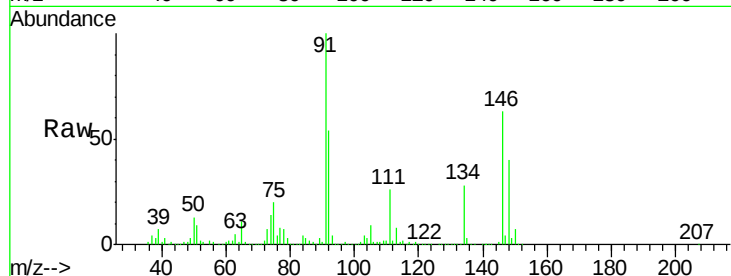
Tgt Ion:146 Resp: 790989

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

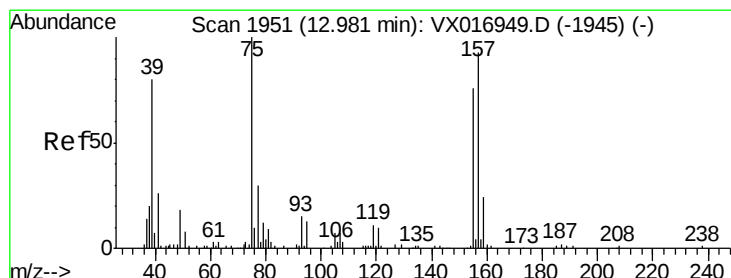
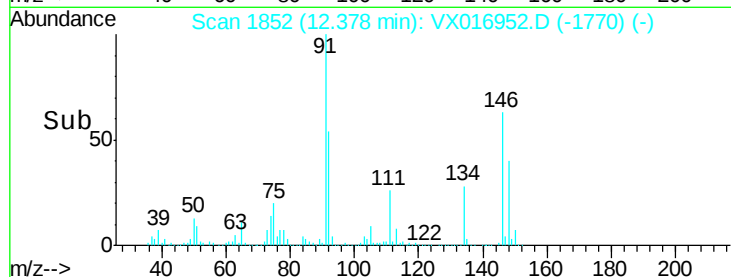
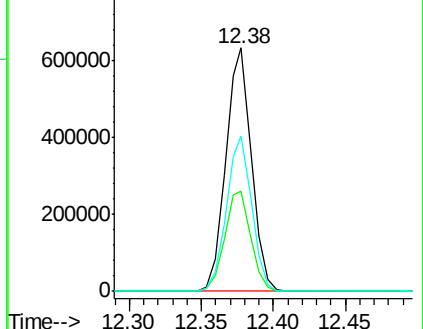
148 63.2 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 156.216 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

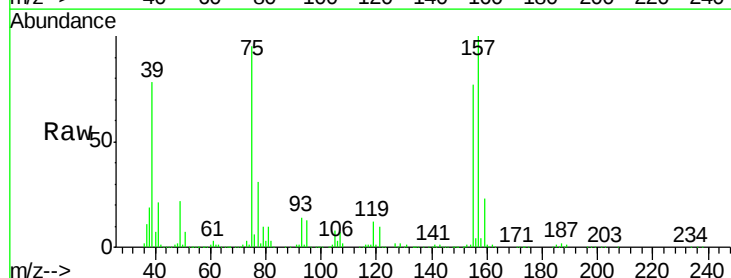
Tgt Ion: 75 Resp: 134337

Ion Ratio Lower Upper

75 100

155 83.9 65.0 97.6

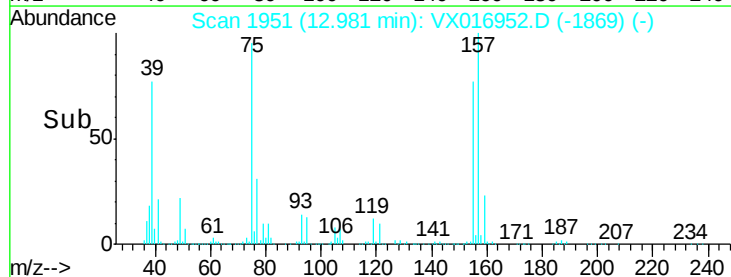
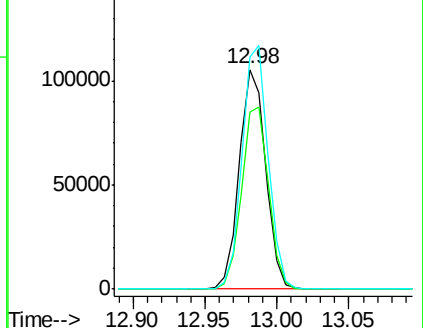
157 108.6 83.0 124.4

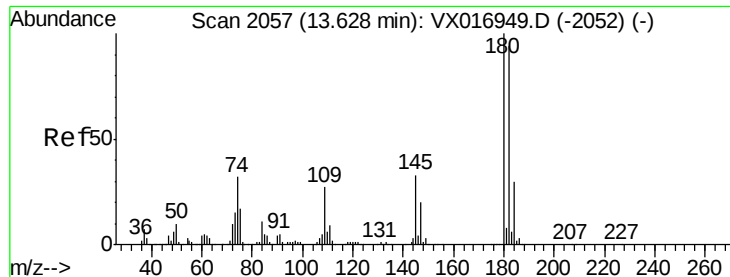


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

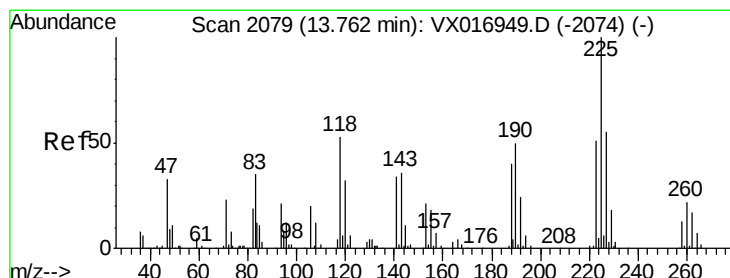
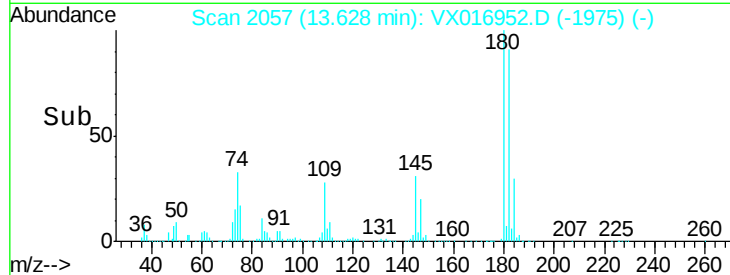
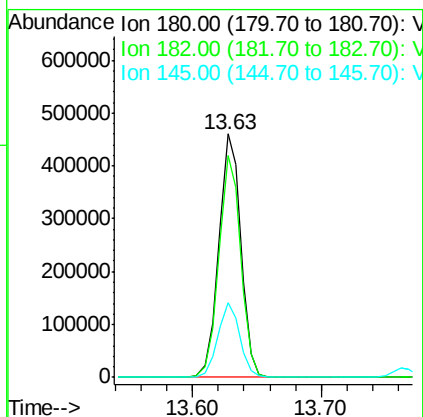
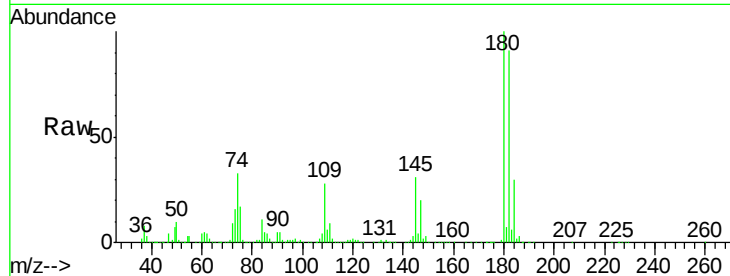




#89
 1,2,4-Trichlorobenzene
 Concen: 157.982 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

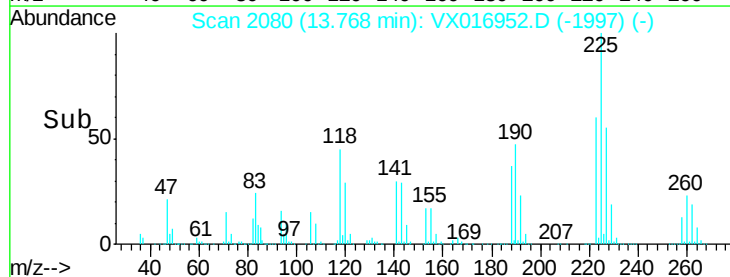
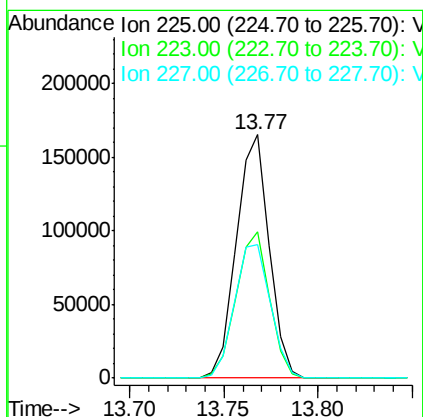
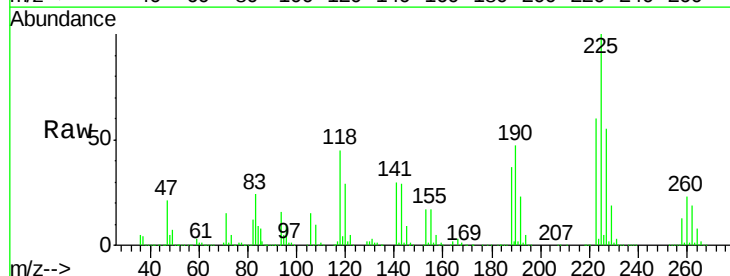
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

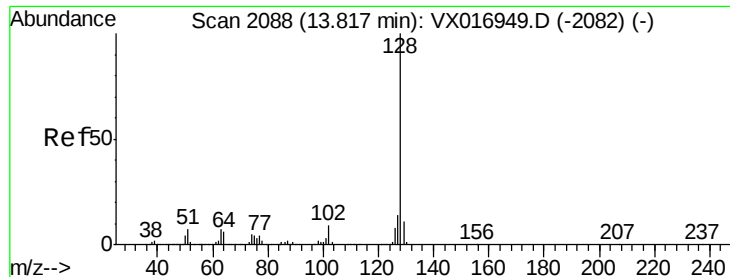
Tgt Ion:180 Resp: 555297
 Ion Ratio Lower Upper
 180 100
 182 90.2 77.7 116.5
 145 30.4 26.2 39.2



#90
 Hexachlorobutadiene
 Concen: 149.314 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016952.D
 Acq: 25 Jun 2020 14:12

Tgt Ion:225 Resp: 199649
 Ion Ratio Lower Upper
 225 100
 223 61.4 0.0 125.0
 227 59.7 0.0 124.0





#91

Naphthalene

Concen: 156.607 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

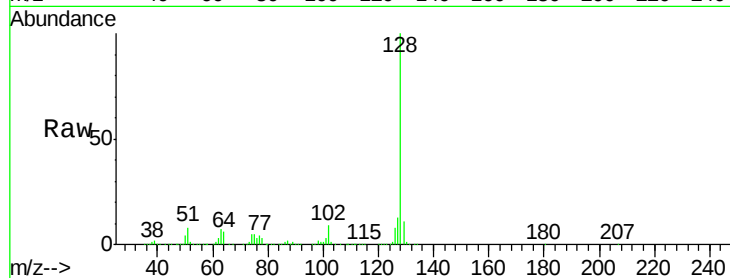
Tgt Ion:128 Resp: 1804308

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

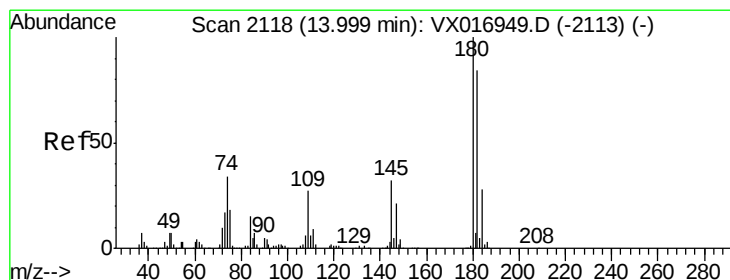
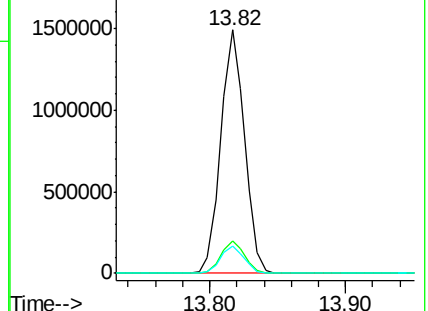
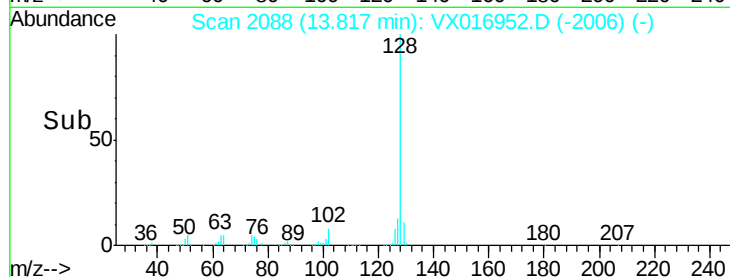
129 11.2 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 152.033 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016952.D

Acq: 25 Jun 2020 14:12

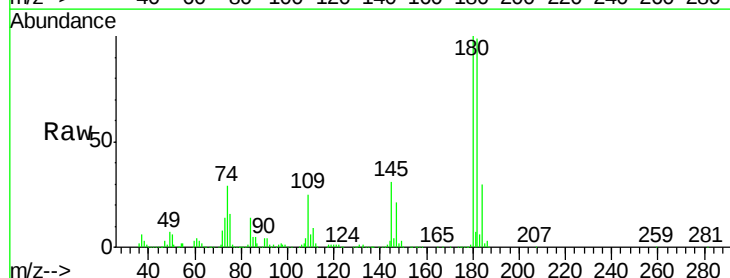
Tgt Ion:180 Resp: 521502

Ion Ratio Lower Upper

180 100

182 98.0 0.0 184.8

145 33.4 0.0 68.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

