

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016451.D
 Acq On : 27 May 2020 16:13
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 27 16:33:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 15:52:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	285001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	447595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	518943	138.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.44%	
35) Dibromofluoromethane	5.47	113	410270	144.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.20%	
50) Toluene-d8	8.70	98	1625543	147.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.54%	
62) 4-Bromofluorobenzene	11.12	95	656578	157.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	419098	139.553	ug/l	97
3) Chloromethane	1.31	50	498826	142.879	ug/l	99
4) Vinyl Chloride	1.39	62	525372	140.763	ug/l	97
5) Bromomethane	1.62	94	245146	131.965	ug/l	98
6) Chloroethane	1.69	64	270769	120.406	ug/l	97
7) Trichlorofluoromethane	1.90	101	692848	141.445	ug/l	100
8) Diethyl Ether	2.17	74	277330	134.957	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	370023	131.949	ug/l	99
10) Methyl Iodide	2.48	142	474385	131.106	ug/l	99
11) Tert butyl alcohol	3.04	59	682530	721.823	ug/l	100
12) 1,1-Dichloroethene	2.35	96	390975	133.139	ug/l	99
13) Acrolein	2.28	56	313159	567.668	ug/l	97
14) Allyl chloride	2.70	41	733472	135.764	ug/l	99
15) Acrylonitrile	3.12	53	1410088	716.451	ug/l	99
16) Acetone	2.43	43	1123517	673.894	ug/l	98
17) Carbon Disulfide	2.54	76	1176743	117.798	ug/l	99
18) Methyl Acetate	2.75	43	584738	141.508	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1468913	143.784	ug/l	99
20) Methylene Chloride	2.83	84	445901	129.598	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	444011	134.775	ug/l	97
22) Diisopropyl ether	3.83	45	1417959	138.213	ug/l	92
23) Vinyl Acetate	3.79	43	6406517	710.698	ug/l	98
24) 1,1-Dichloroethane	3.67	63	797647	139.056	ug/l	100
25) 2-Butanone	4.64	43	2002088	739.849	ug/l	98
26) 2,2-Dichloropropane	4.55	77	648738	126.484	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	502023	139.036	ug/l	99
28) Bromochloromethane	4.98	49	365480	140.325	ug/l	98
29) Tetrahydrofuran	5.09	42	1297281	724.430	ug/l	99
30) Chloroform	5.18	83	805788	141.157	ug/l	98
31) Cyclohexane	5.55	56	721523	139.897	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	732244	140.967	ug/l	99
36) 1,1-Dichloropropene	5.77	75	626276	141.854	ug/l	99
37) Ethyl Acetate	4.80	43	748172	145.984	ug/l	99
38) Carbon Tetrachloride	5.75	117	661008	146.831	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	696943	133.563	ug/l	99
40) Benzene	6.12	78	1849797	142.880	ug/l	100
41) Methacrylonitrile	5.01	41	409653	148.303	ug/l	99
42) 1,2-Dichloroethane	6.17	62	656046	140.876	ug/l	100
43) Isopropyl Acetate	6.42	43	1196095	146.624	ug/l	99
44) Trichloroethene	7.19	130	547276	121.176	ug/l	98
45) 1,2-Dichloropropane	7.49	63	477116	145.873	ug/l	99
46) Dibromomethane	7.64	93	318716	143.412	ug/l	99
47) Bromodichloromethane	7.88	83	675108	149.084	ug/l	98
48) Methyl methacrylate	7.75	41	590146	152.220	ug/l	99
49) 1,4-Dioxane	7.72	88	274478	2960.409	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	3804258	759.736	ug/l	99
52) Toluene	8.77	92	1186543	147.055	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	792257	147.261	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	820159	145.853	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	479815	151.291	ug/l	97
56) Ethyl methacrylate	9.16	69	832884	160.457	ug/l	100
57) 1,3-Dichloropropane	9.35	76	819443	147.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2028225	738.403	ug/l	99
59) 2-Hexanone	9.48	43	3036080	770.910	ug/l	99
60) Dibromochloromethane	9.57	129	556389	158.655	ug/l	100
61) 1,2-Dibromoethane	9.66	107	518046	151.243	ug/l	100
64) Tetrachloroethene	9.32	164	612893	118.758	ug/l	95
65) Chlorobenzene	10.12	112	1273788	142.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	491522	148.957	ug/l	99
67) Ethyl Benzene	10.24	91	2301655	144.824	ug/l	100
68) m/p-Xylenes	10.34	106	1731769	291.502	ug/l	99
69) o-Xylene	10.68	106	850057	148.980	ug/l	98
70) Styrene	10.70	104	1506033	154.842	ug/l	99
71) Bromoform	10.84	173	457171	168.745	ug/l	99
73) Isopropylbenzene	11.01	105	2262416	137.028	ug/l	99
74) N-amyl acetate	10.88	43	1113061	144.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	659083	214.087	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	989631	191.789	ug/l	84
77) Bromobenzene	11.24	156	588449	137.537	ug/l	99
78) n-propylbenzene	11.35	91	2603895	135.897	ug/l	100
79) 2-Chlorotoluene	11.41	91	1576947	138.708	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1961622	140.528	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	313405	146.539	ug/l	98
82) 4-Chlorotoluene	11.49	91	1882164	140.308	ug/l	99
83) tert-Butylbenzene	11.76	119	1737656	144.325	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1999541	141.682	ug/l	100
85) sec-Butylbenzene	11.93	105	2150521	134.226	ug/l	100
86) p-Isopropyltoluene	12.05	119	2003464	134.435	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1052807	137.443	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1064654	136.935	ug/l	98
89) n-Butylbenzene	12.37	91	1731158	128.301	ug/l	99
90) Hexachloroethane	12.58	117	368276	144.363	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1022838	138.760	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	197546	145.301	ug/l	99

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QLast Update : Wed May 27 15:52:24 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	724262	133.925	ug/l	100
94) Hexachlorobutadiene	13.77	225	287150	117.949	ug/l	96
95) Naphthalene	13.82	128	2465733	140.292	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	683056	130.213	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

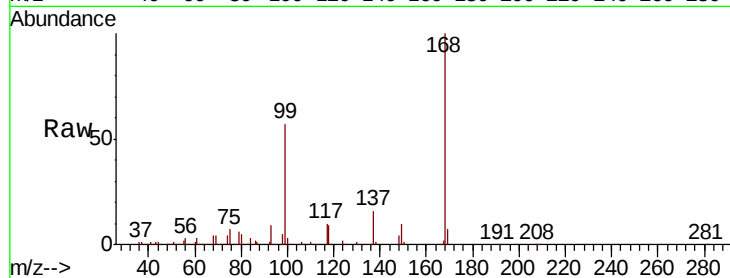
VSTDIC150

Tot Ion:168 Resp: 285001

Ion Ratio Lower Upper

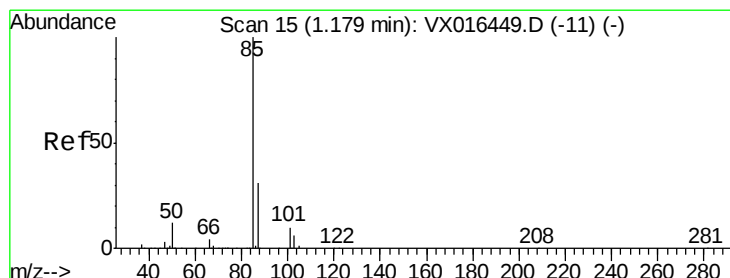
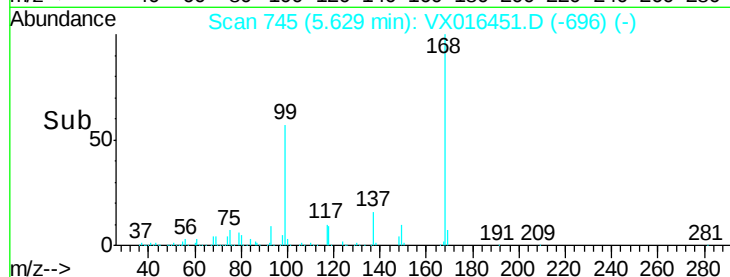
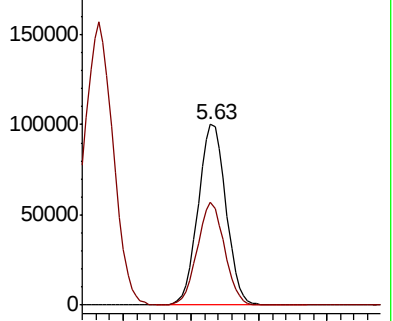
168 100

99 56.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 139.553 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016451.D

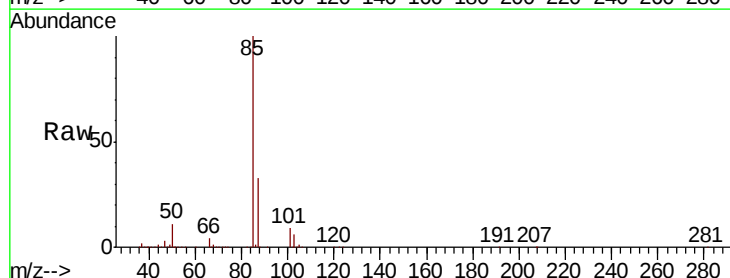
Acq: 27 May 2020 16:13

Tgt Ion: 85 Resp: 419098

Ion Ratio Lower Upper

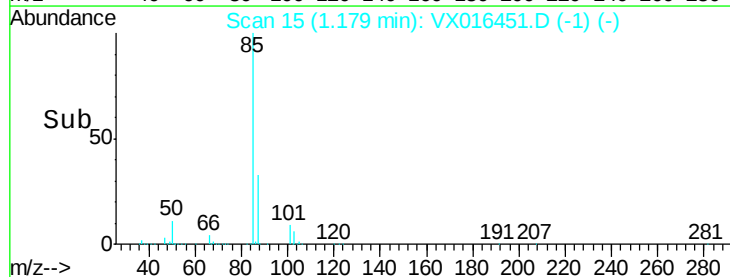
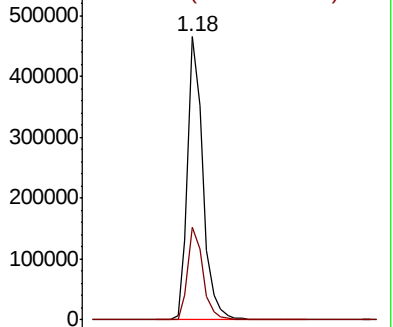
85 100

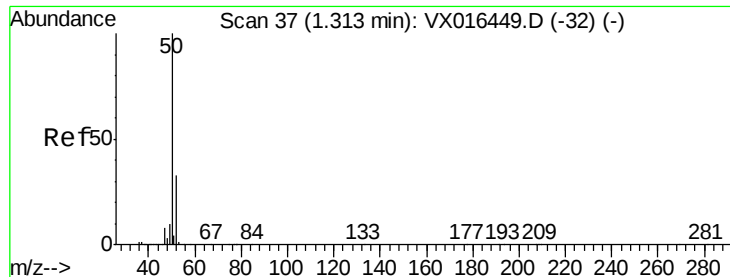
87 32.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 142.879 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

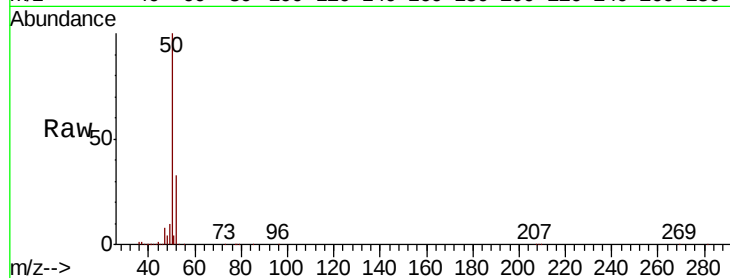
VSTDICC150

Tot Ion: 50 Resp: 498826

Ion Ratio Lower Upper

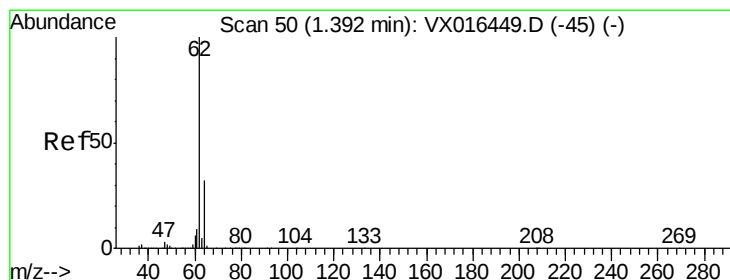
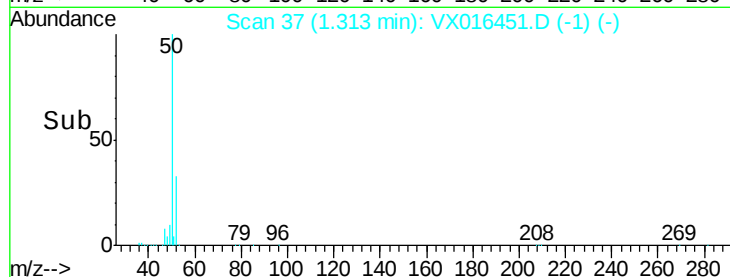
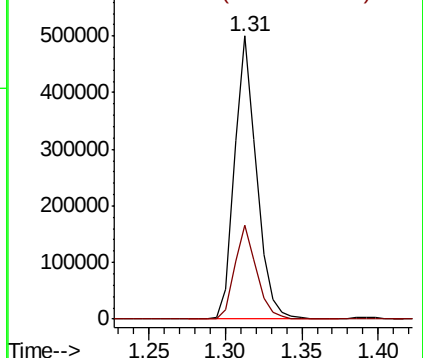
50 100

52 33.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 140.763 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016451.D

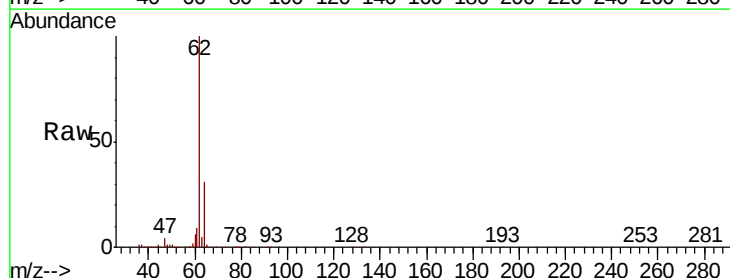
Acq: 27 May 2020 16:13

Tgt Ion: 62 Resp: 525372

Ion Ratio Lower Upper

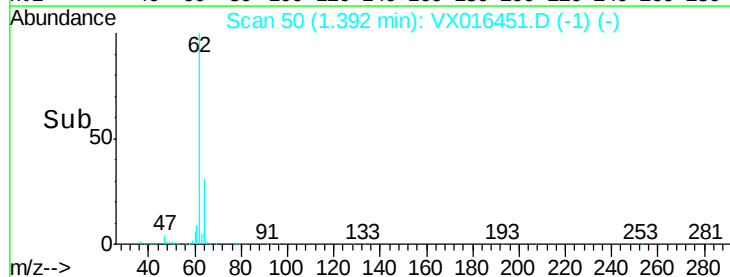
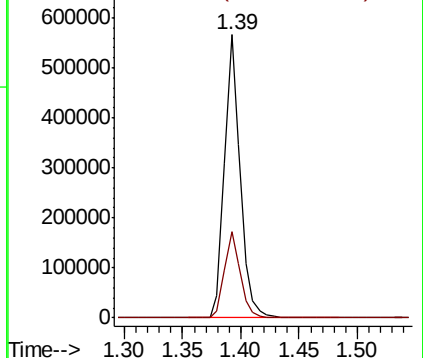
62 100

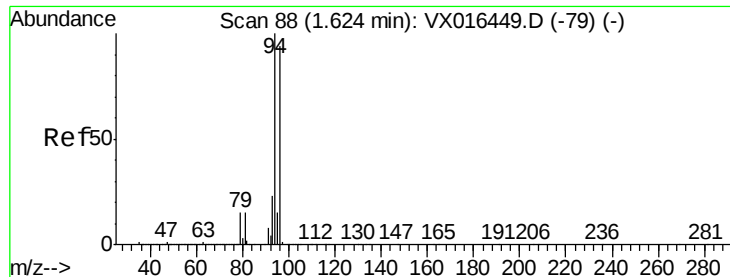
64 30.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 131.965 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

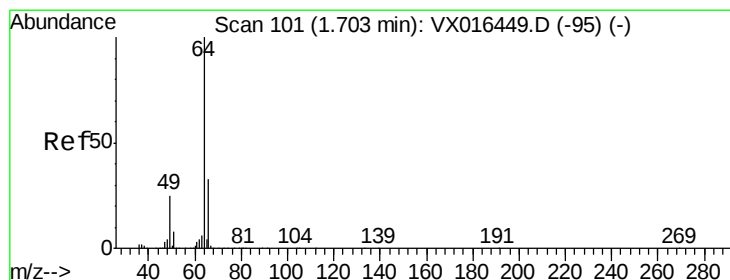
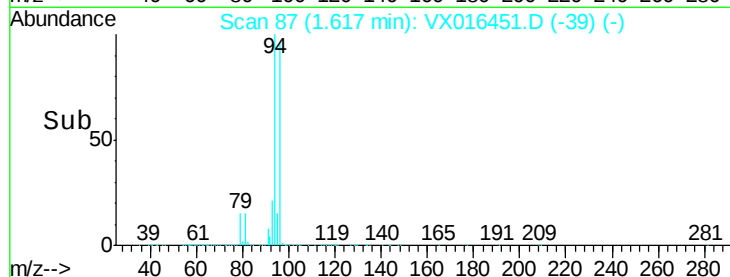
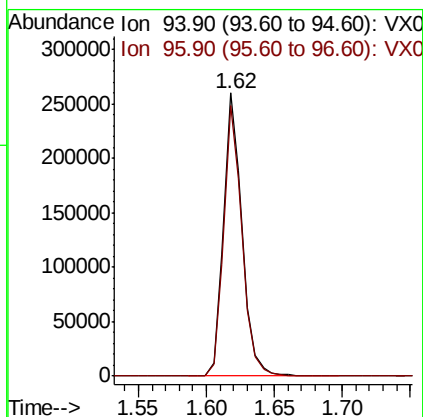
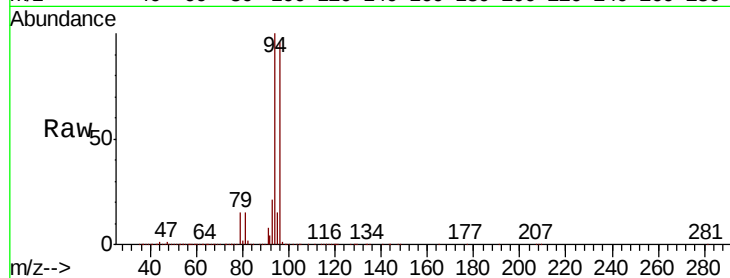
VSTDIC150

Tot Ion: 94 Resp: 245146

Ion Ratio Lower Upper

94 100

96 95.7 75.1 112.7



#6

Chloroethane

Concen: 120.406 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX016451.D

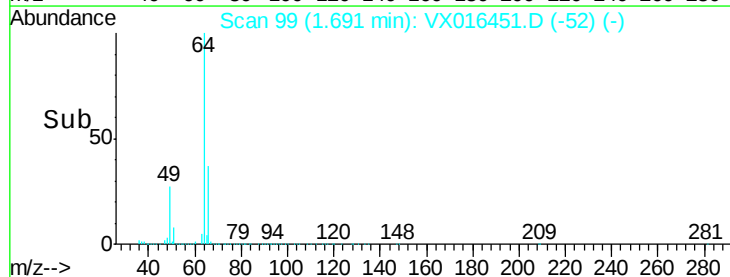
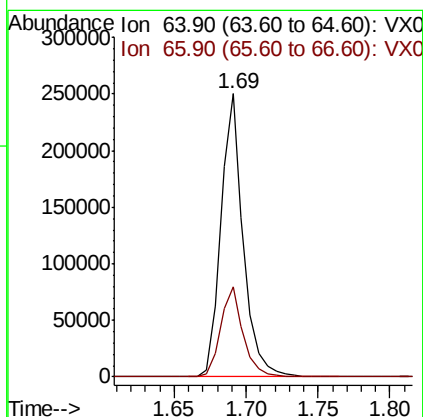
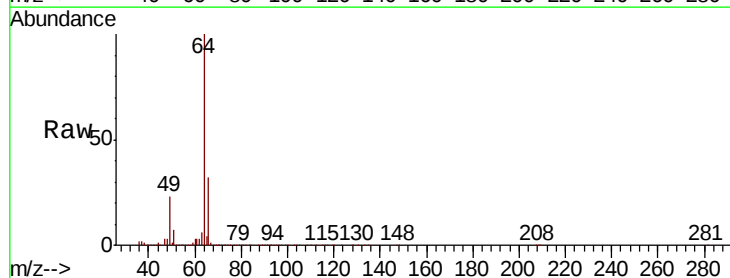
Acq: 27 May 2020 16:13

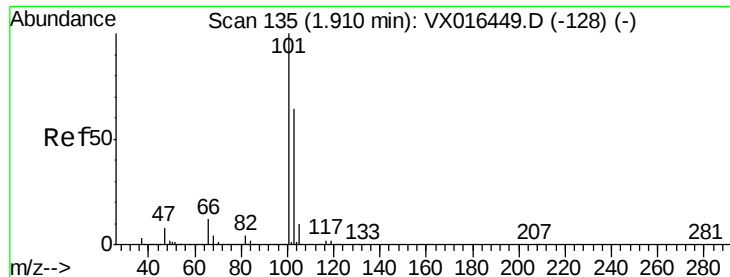
Tgt Ion: 64 Resp: 270769

Ion Ratio Lower Upper

64 100

66 31.9 26.7 40.1



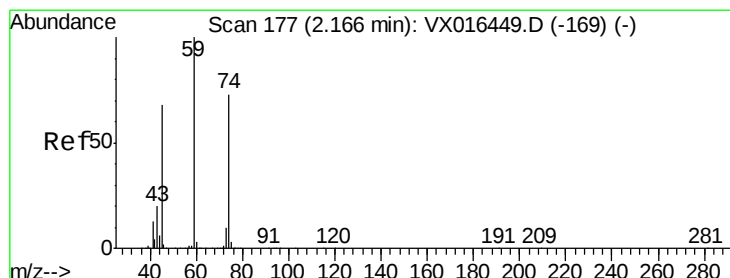
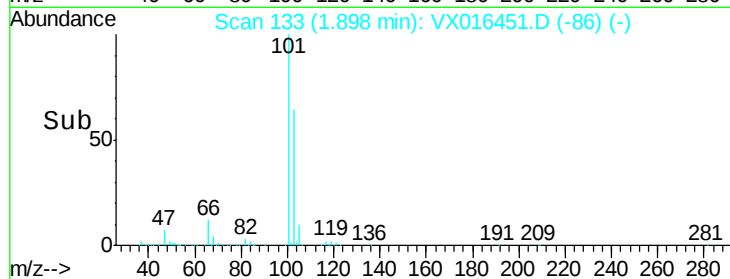
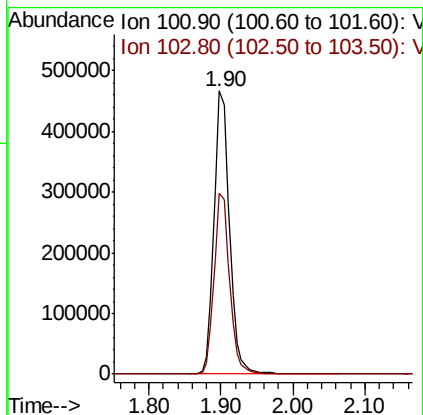
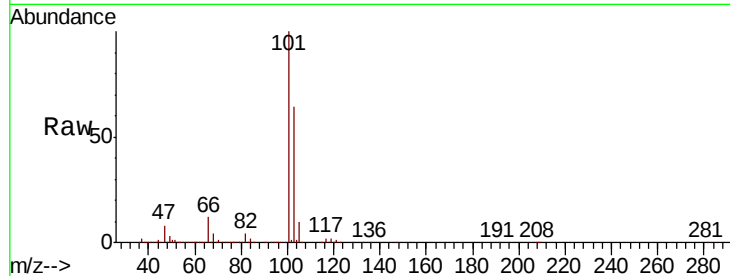


#7

Trichlorofluoromethane
 Concen: 141.445 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. -0.01 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

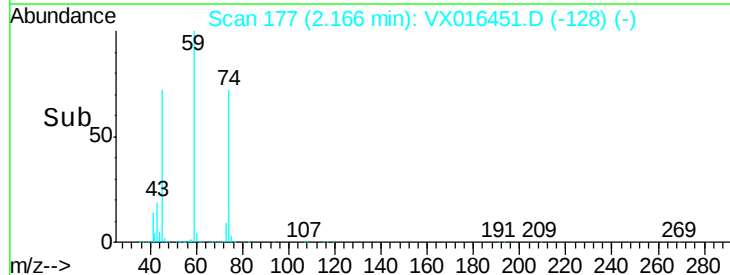
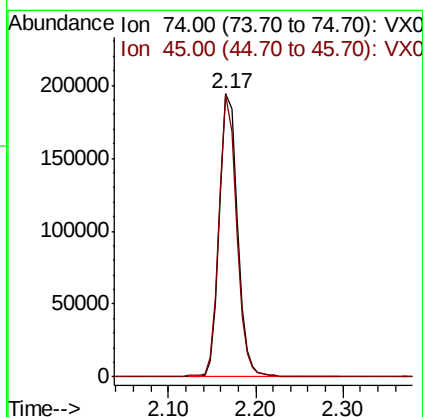
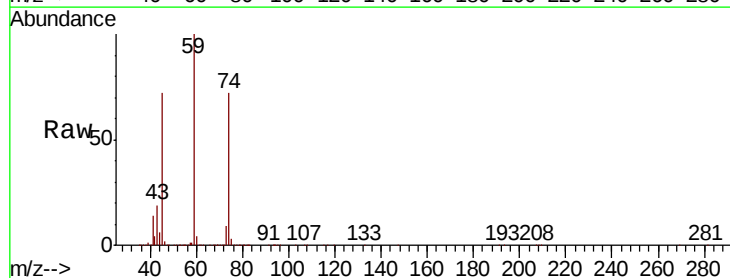
Tot Ion:101 Resp: 692848
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.9 76.3



#8

Diethyl Ether
 Concen: 134.957 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion: 74 Resp: 277330
 Ion Ratio Lower Upper
 74 100
 45 96.8 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 131.949 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

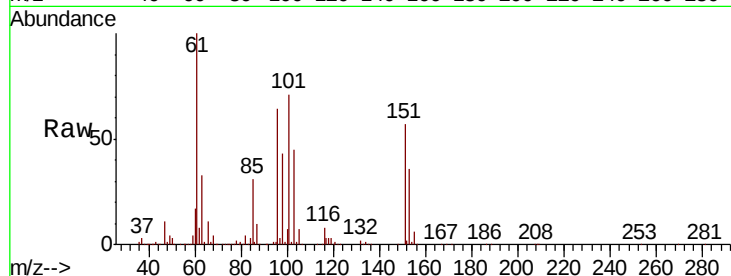
Tot Ion:101 Resp: 370023

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

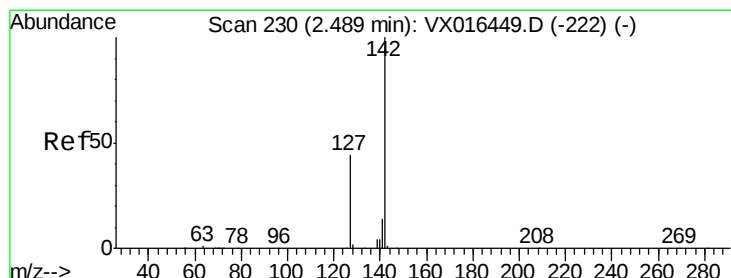
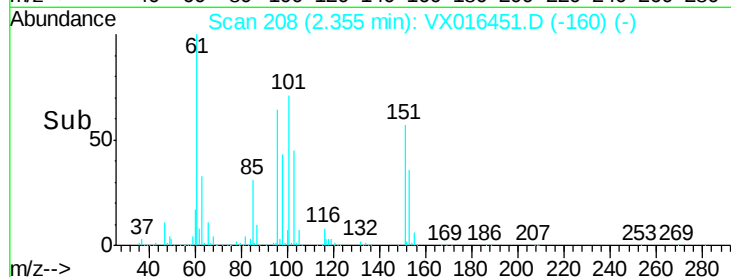
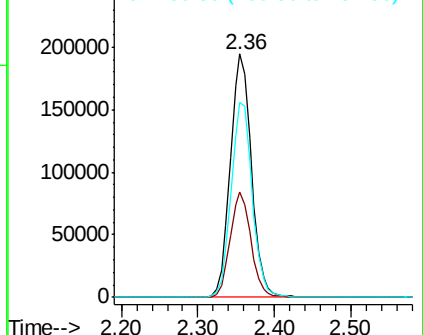
151 80.6 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 131.106 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

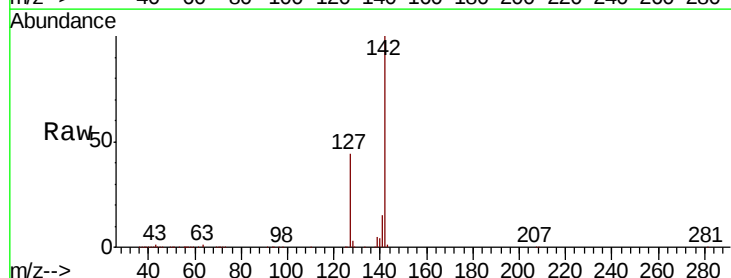
Tgt Ion:142 Resp: 474385

Ion Ratio Lower Upper

142 100

127 43.1 35.3 52.9

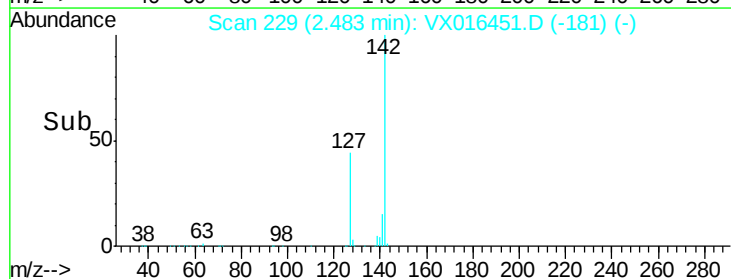
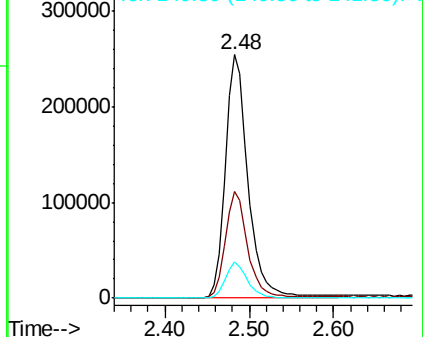
141 14.3 11.4 17.2

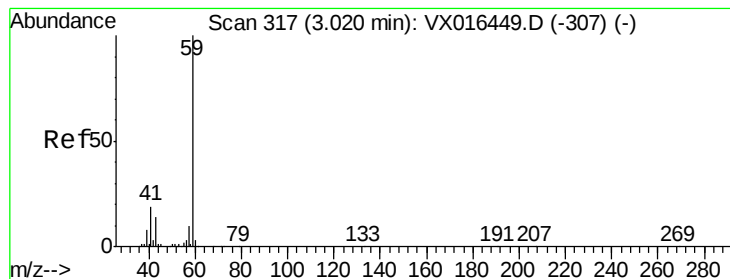


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



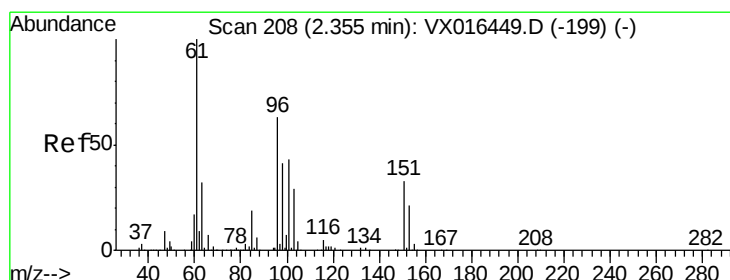
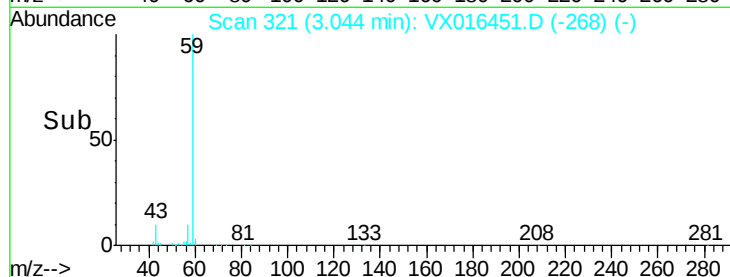
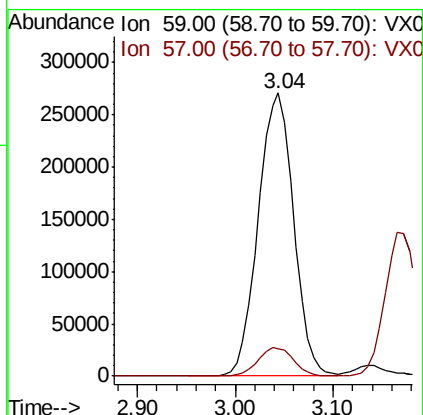
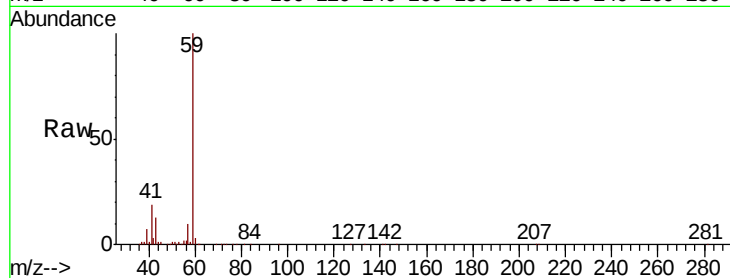


#11

Tert butyl alcohol
 Concen: 721.823 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. 0.02 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

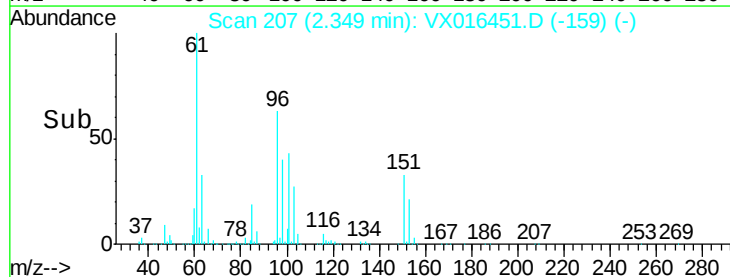
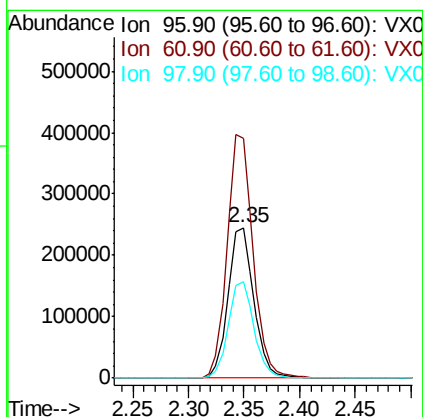
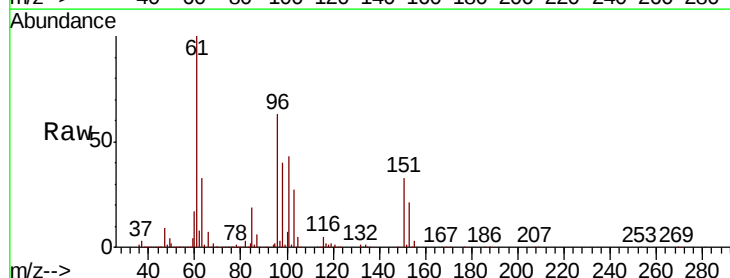
Tot Ion: 59 Resp: 682530
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

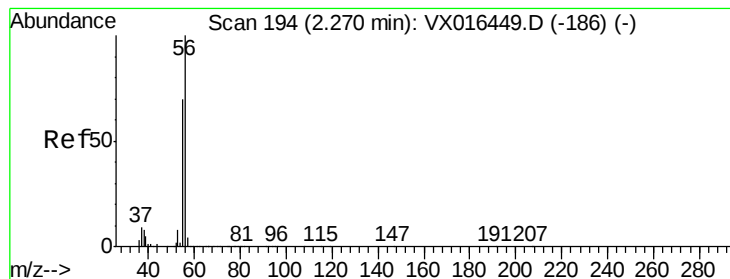


#12

1,1-Dichloroethene
 Concen: 133.139 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion: 96 Resp: 390975
 Ion Ratio Lower Upper
 96 100
 61 159.5 126.6 189.8
 98 63.7 51.3 76.9





#13

Acrolein

Concen: 567.668 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

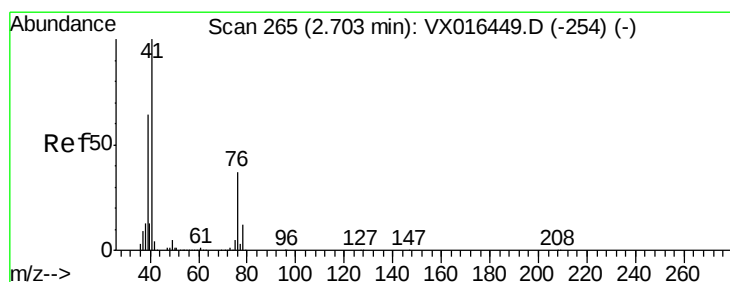
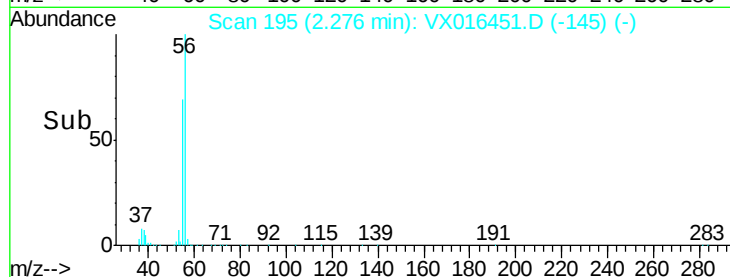
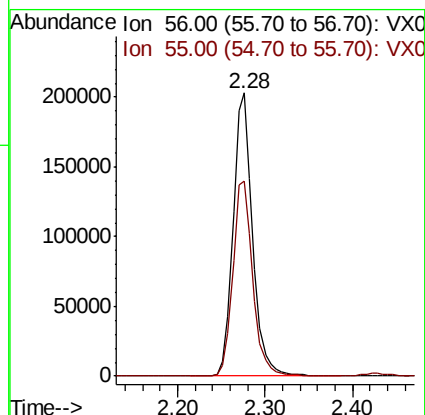
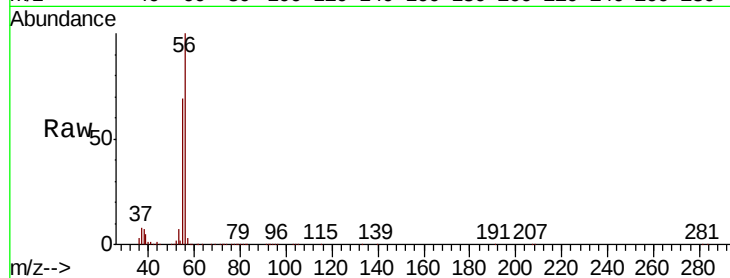
VSTDIC150

Tot Ion: 56 Resp: 313159

Ion Ratio Lower Upper

56 100

55 70.7 58.3 87.5



#14

Allyl chloride

Concen: 135.764 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

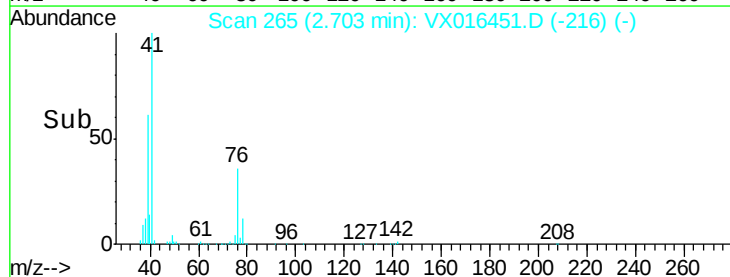
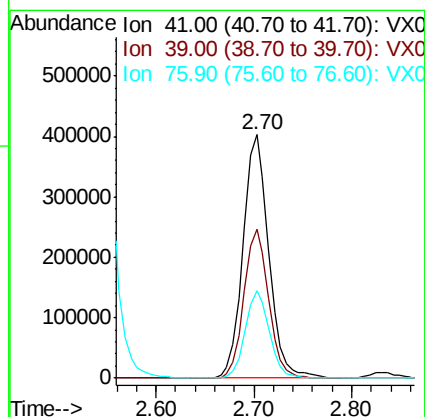
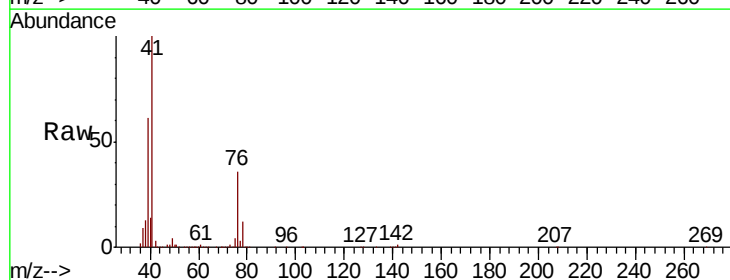
Tgt Ion: 41 Resp: 733472

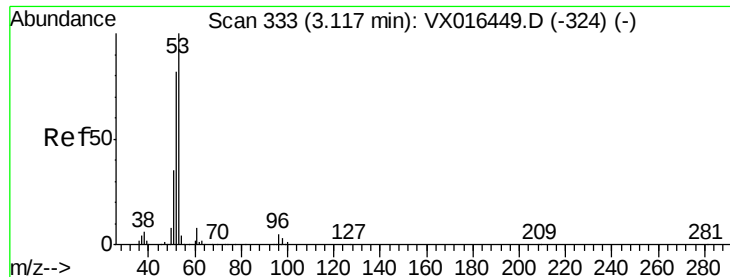
Ion Ratio Lower Upper

41 100

39 58.8 47.7 71.5

76 33.6 26.6 40.0



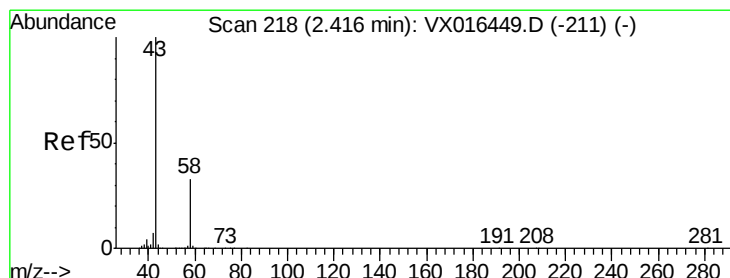
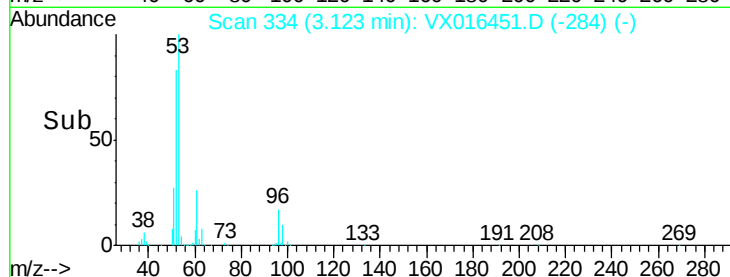
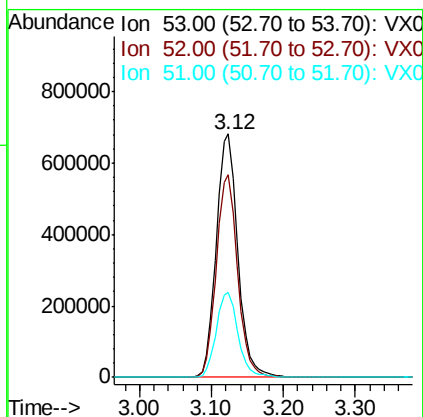
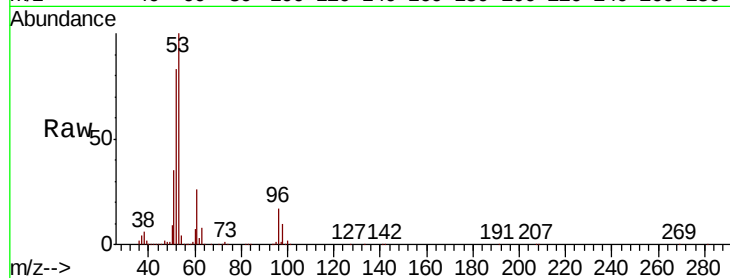


#15
 Acrylonitrile
 Concen: 716.451 ug/l
 RT: 3.12 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 53 Resp: 1410088

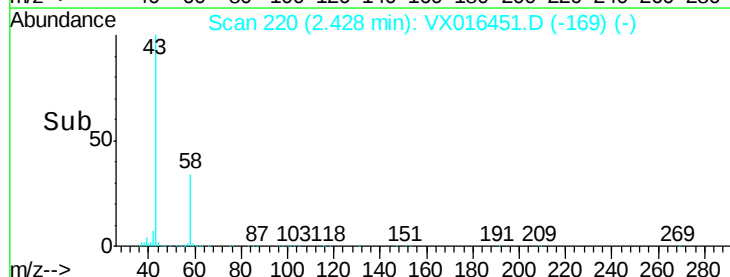
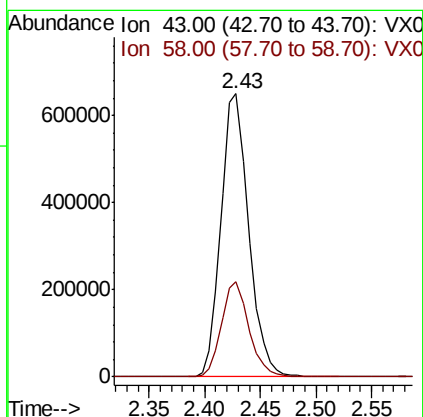
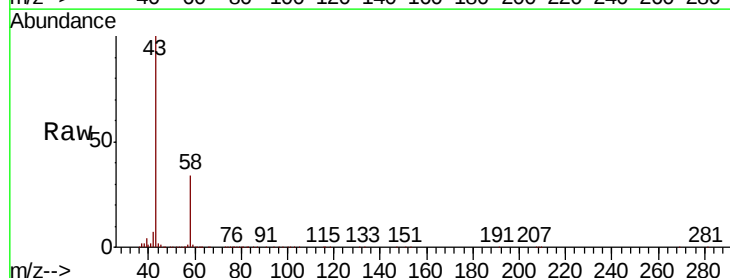
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.7	100.1
51	35.4	28.6	43.0

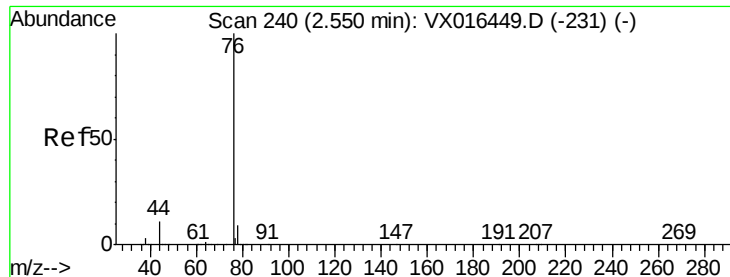


#16
 Acetone
 Concen: 673.894 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion: 43 Resp: 1123517

Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.1	39.1





#17

Carbon Disulfide

Concen: 117.798 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

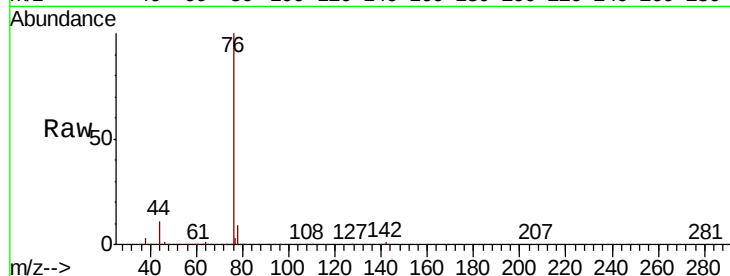
VSTDIC150

Tot Ion: 76 Resp: 1176743

Ion Ratio Lower Upper

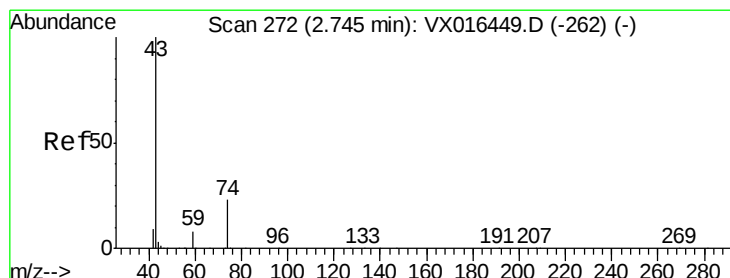
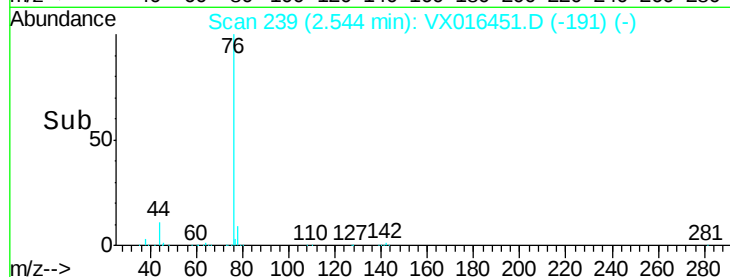
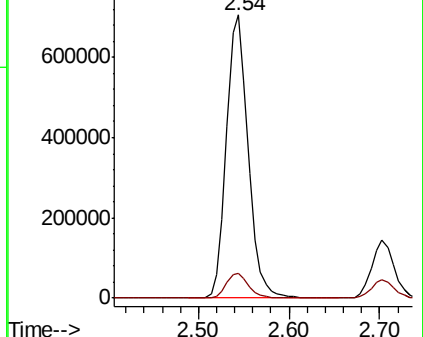
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 141.508 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016451.D

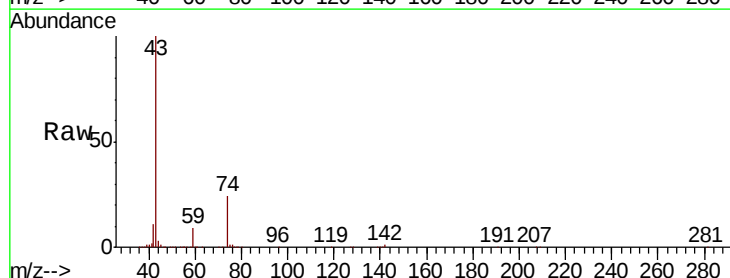
Acq: 27 May 2020 16:13

Tgt Ion: 43 Resp: 584738

Ion Ratio Lower Upper

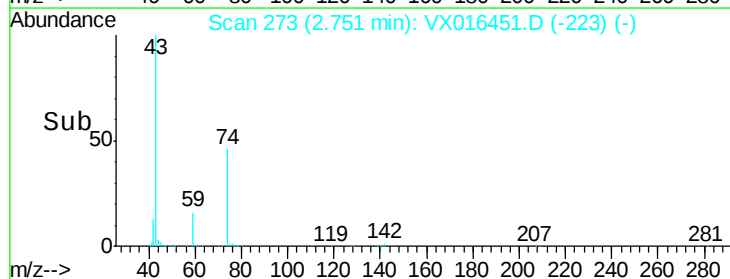
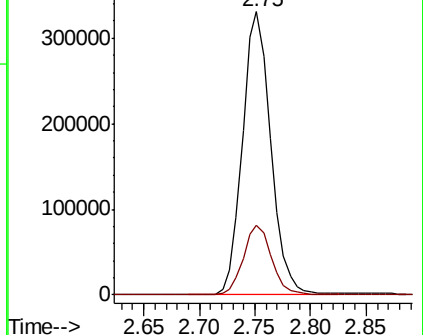
43 100

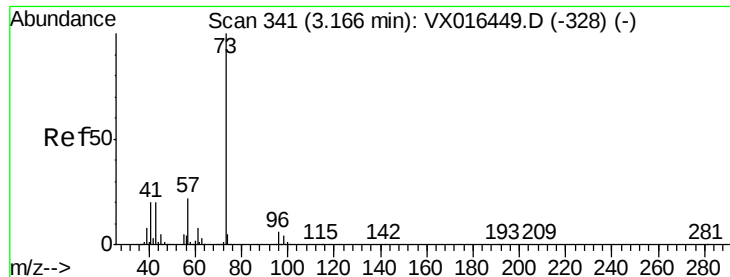
74 24.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



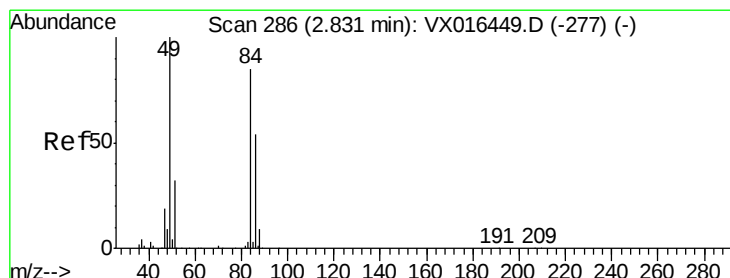
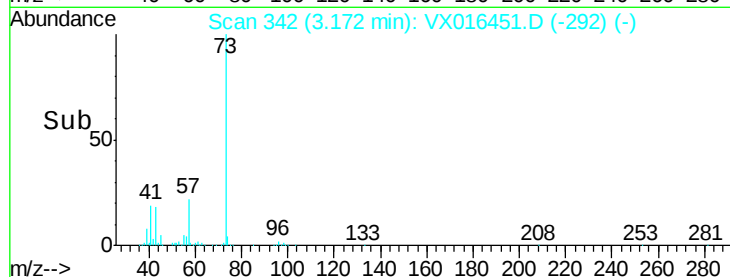
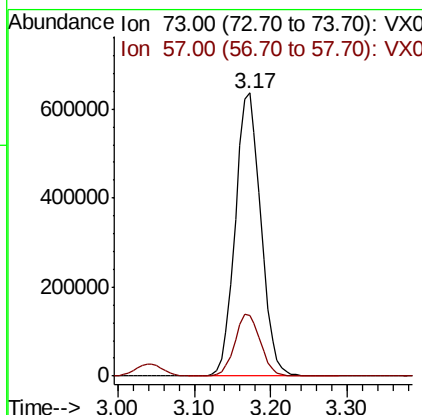
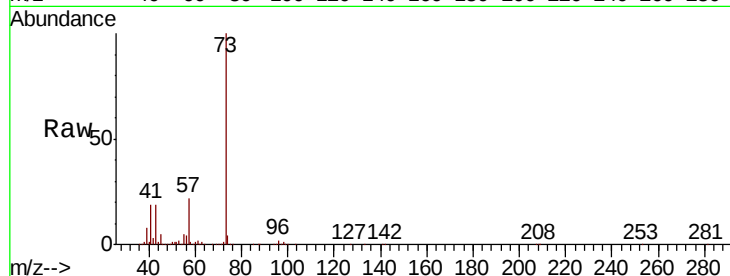


#19

Methyl tert-butyl Ether
 Concen: 143.784 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

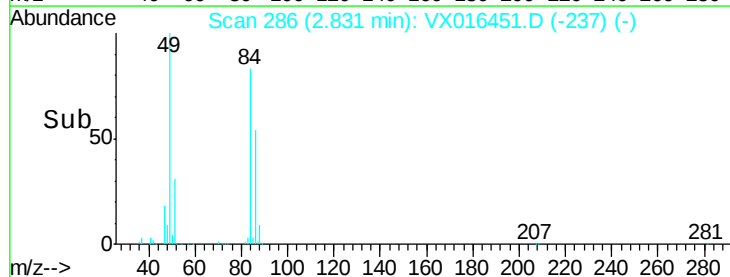
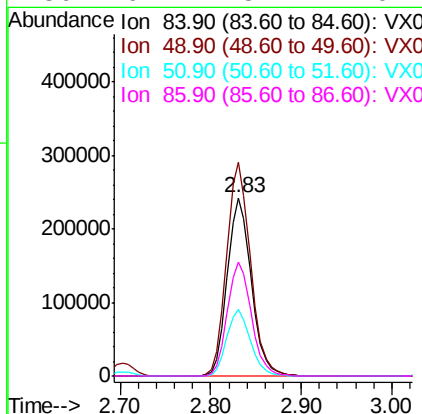
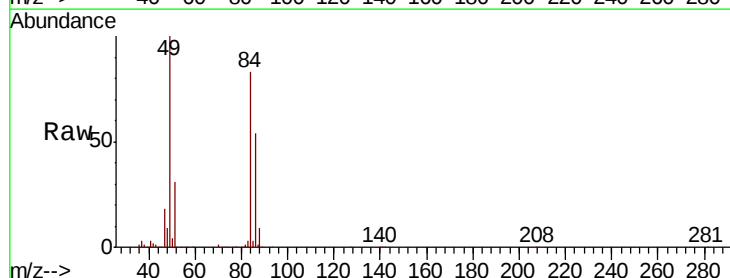
Tot Ion: 73 Resp: 1468913
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.8 26.6



#20

Methylene Chloride
 Concen: 129.598 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion: 84 Resp: 445901
 Ion Ratio Lower Upper
 84 100
 49 119.9 94.5 141.7
 51 37.1 30.2 45.4
 86 64.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 134.775 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

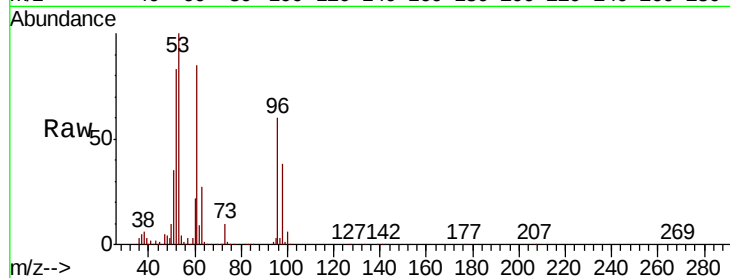
Tot Ion: 96 Resp: 444011

Ion Ratio Lower Upper

96 100

61 140.3 115.3 172.9

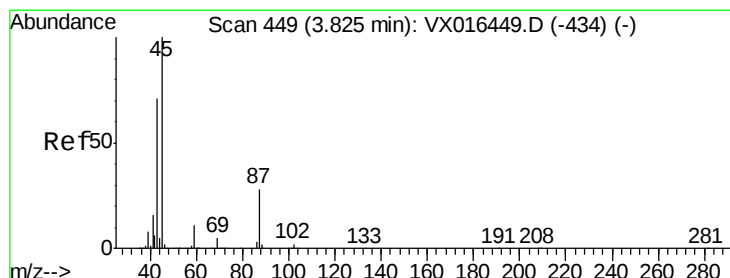
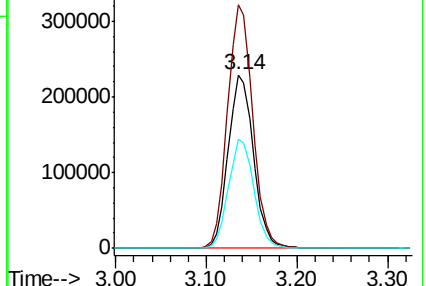
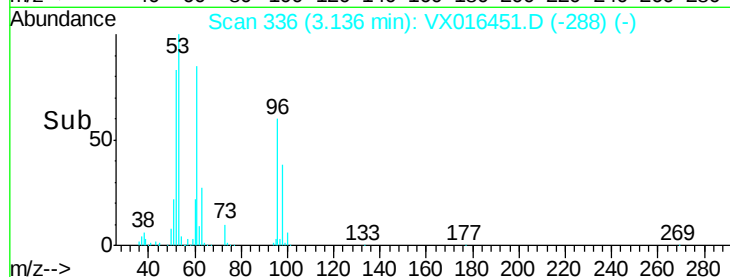
98 62.8 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 138.213 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Tgt Ion: 45 Resp: 1417959

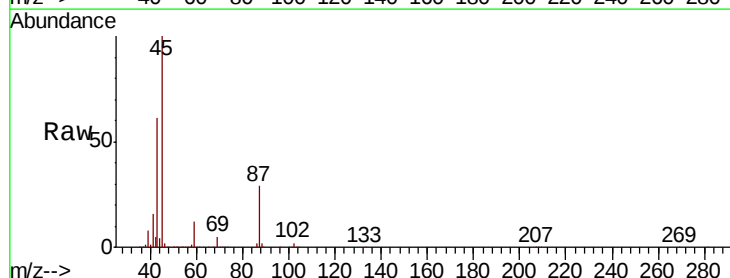
Ion Ratio Lower Upper

45 100

43 61.3 57.0 85.6

87 28.7 22.5 33.7

59 12.3 9.1 13.7

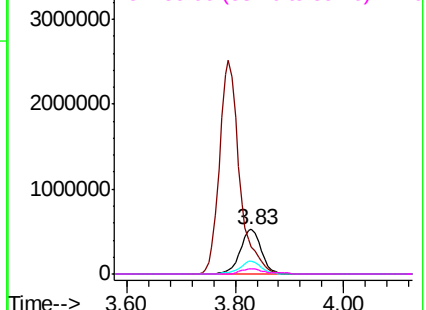
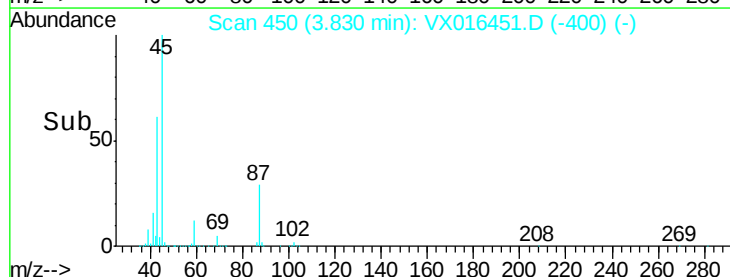


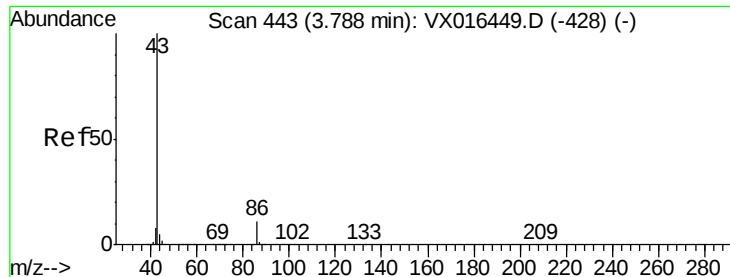
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 710.698 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

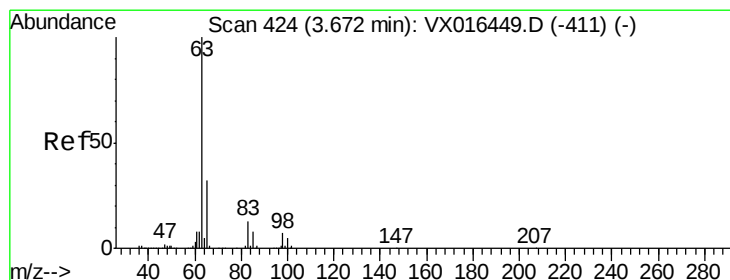
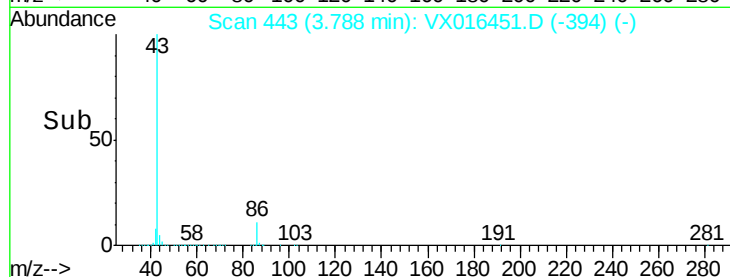
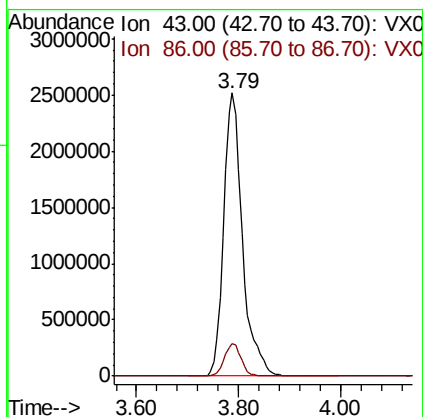
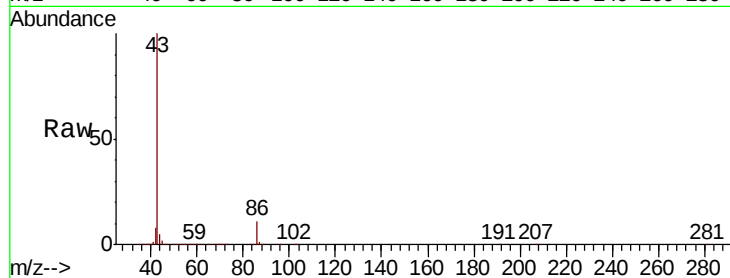
VSTDIC150

Tot Ion: 43 Resp: 6406517

Ion Ratio Lower Upper

43 100

86 11.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 139.056 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

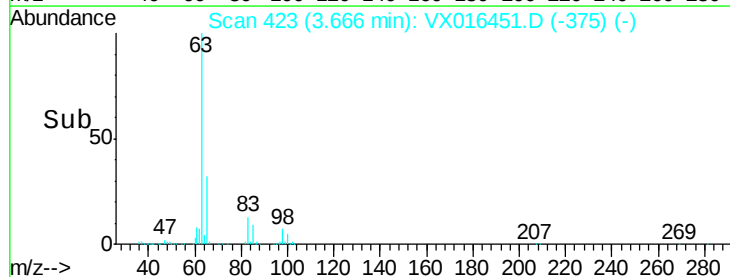
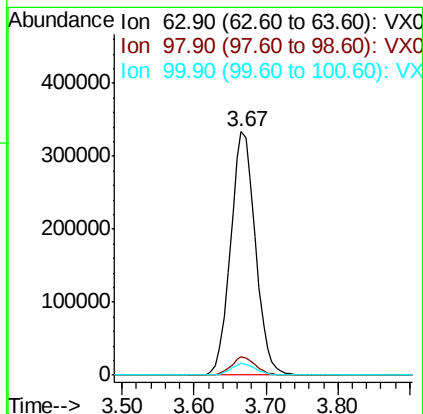
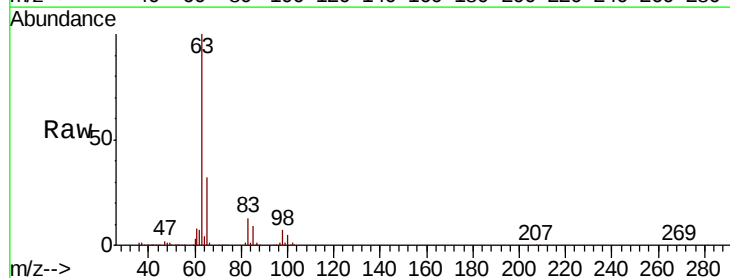
Tgt Ion: 63 Resp: 797647

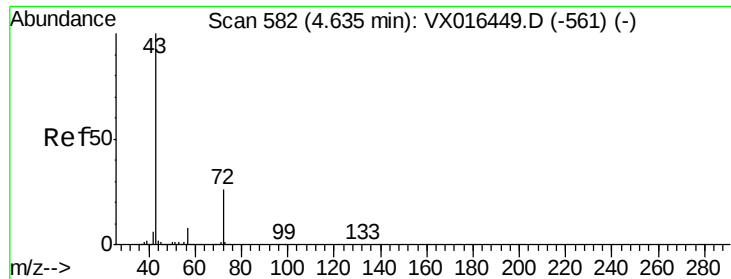
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 739.849 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

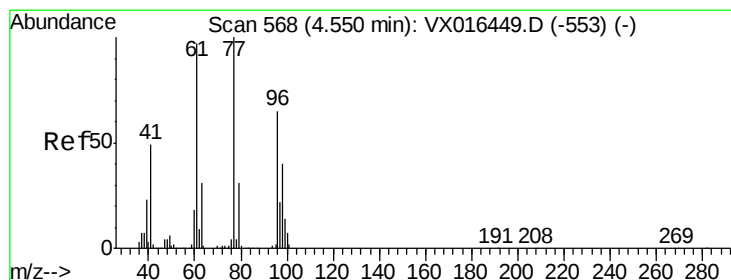
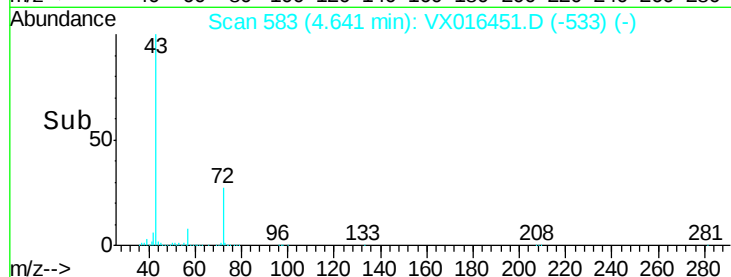
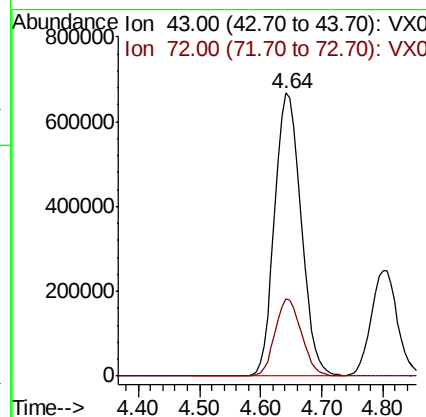
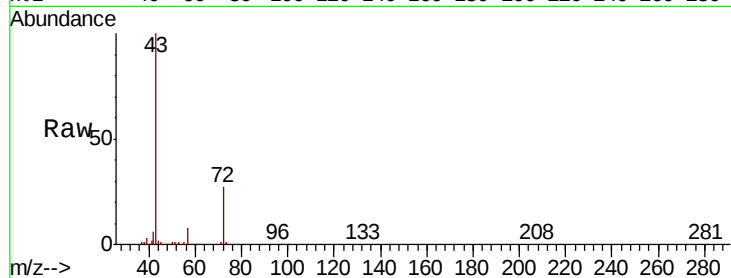
VSTDIC150

Tot Ion: 43 Resp: 2002088

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 126.484 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016451.D

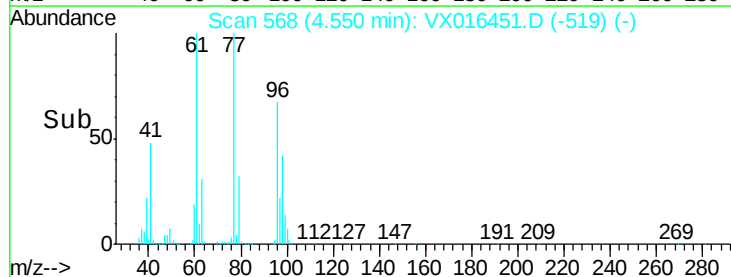
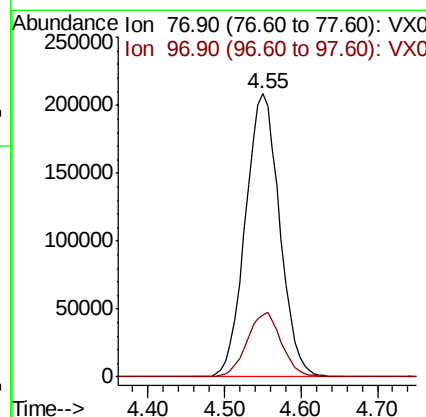
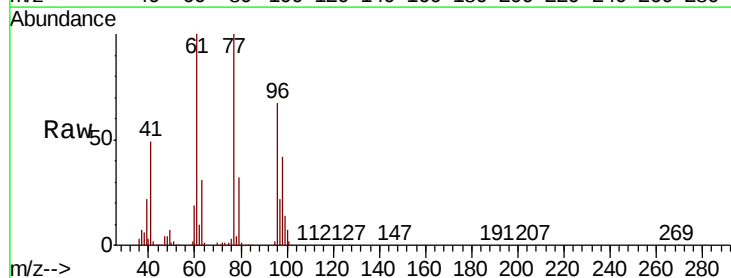
Acq: 27 May 2020 16:13

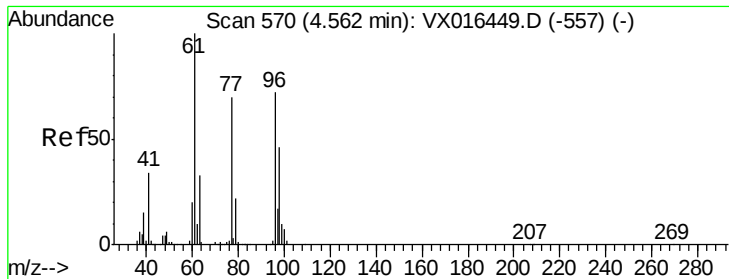
Tgt Ion: 77 Resp: 648738

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



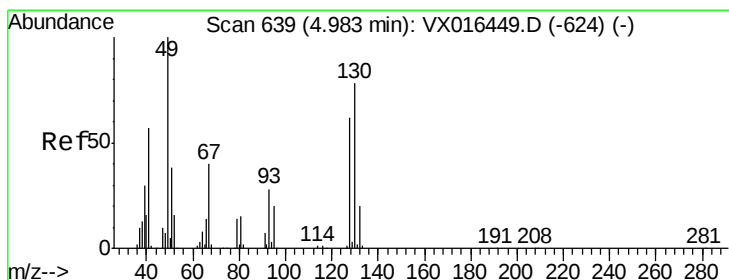
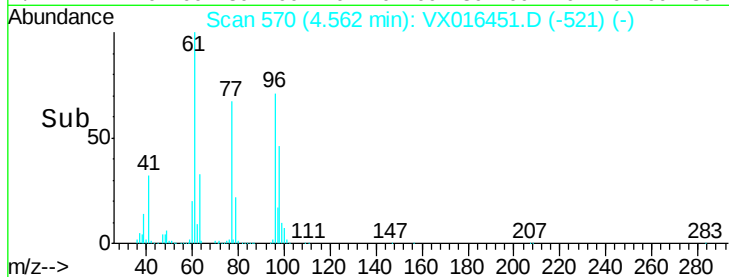
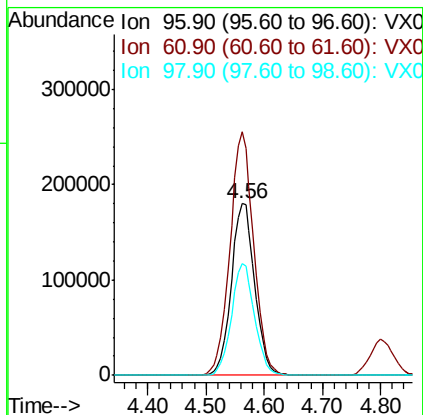
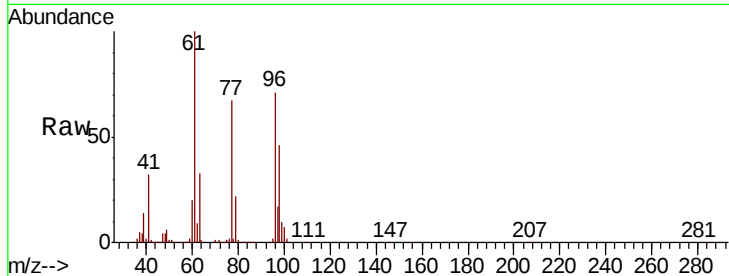


#27

cis-1,2-Dichloroethene
 Concen: 139.036 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

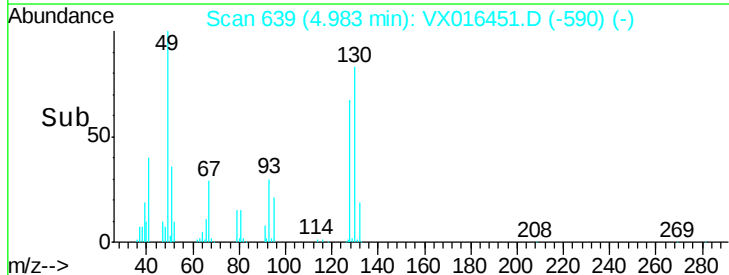
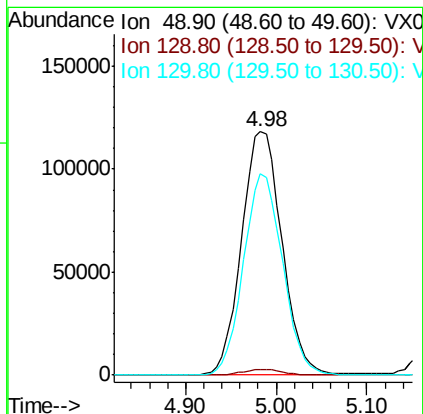
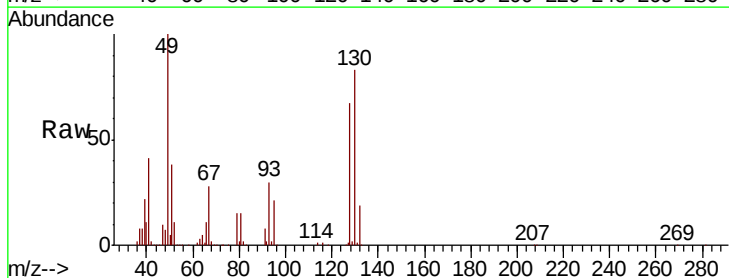
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	284.6
98	64.2	0.0	127.2

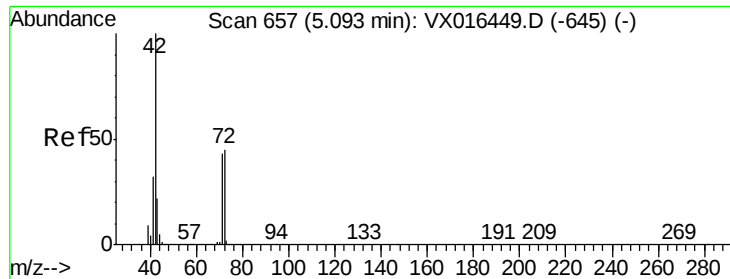


#28

Bromochloromethane
 Concen: 140.325 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	80.2	63.0	94.4





#29

Tetrahydrofuran

Concen: 724.430 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

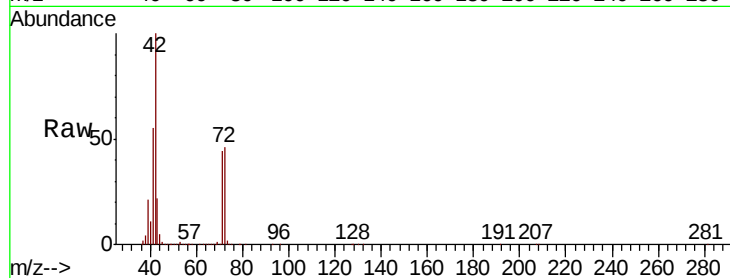
Tot Ion: 42 Resp: 1297281

Ion Ratio Lower Upper

42 100

72 46.6 37.0 55.4

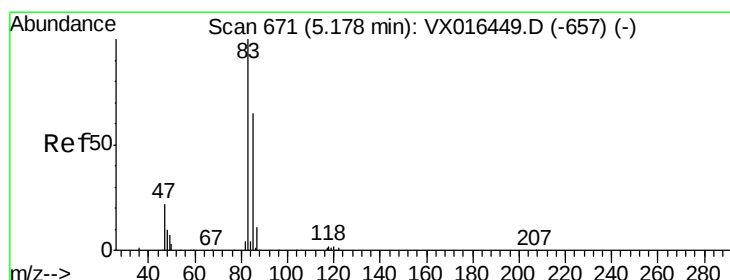
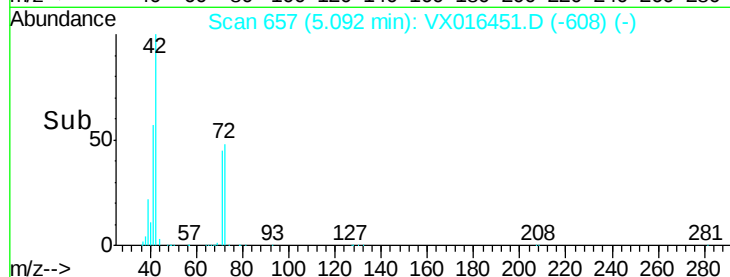
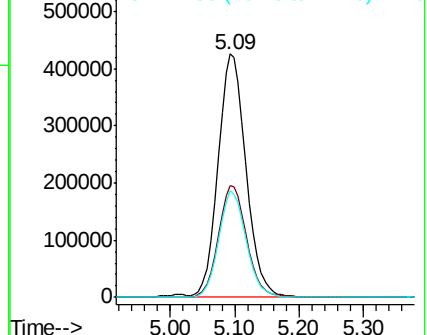
71 43.1 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 141.157 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016451.D

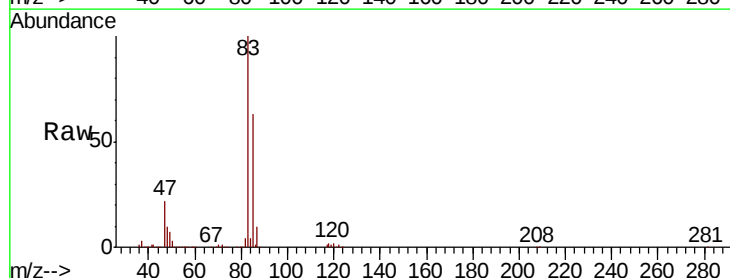
Acq: 27 May 2020 16:13

Tgt Ion: 83 Resp: 805788

Ion Ratio Lower Upper

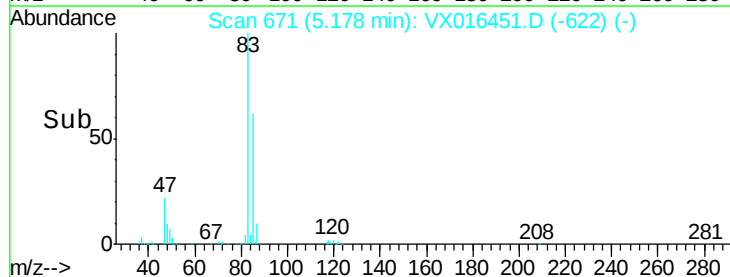
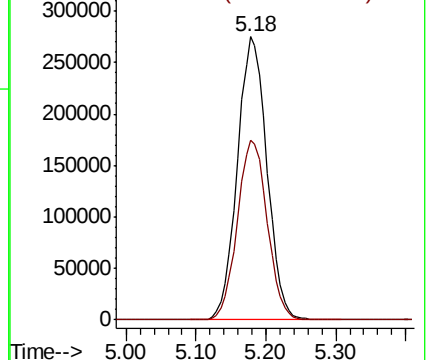
83 100

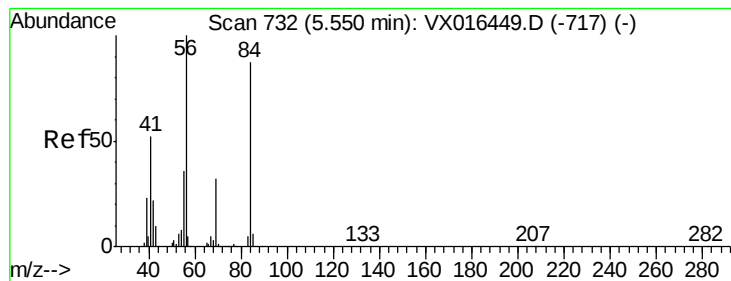
85 63.5 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 139.897 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

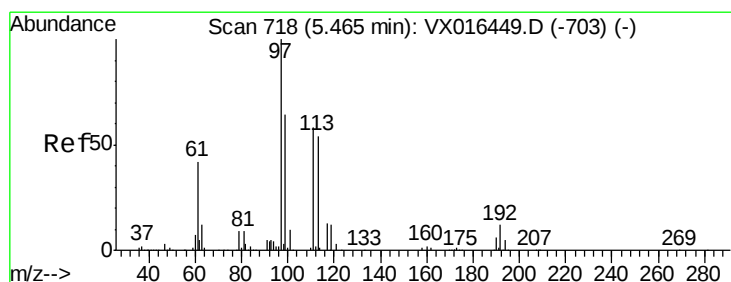
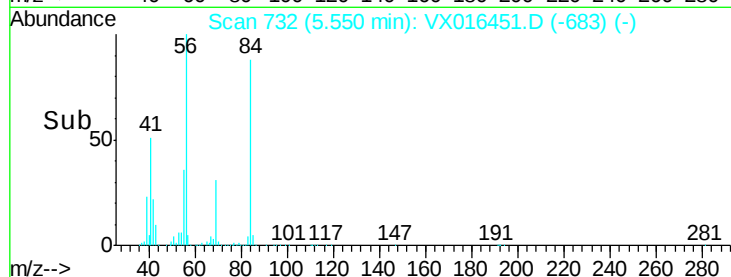
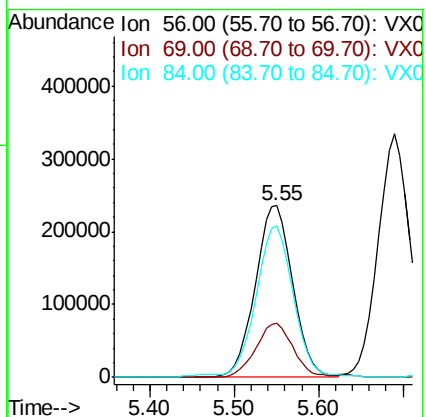
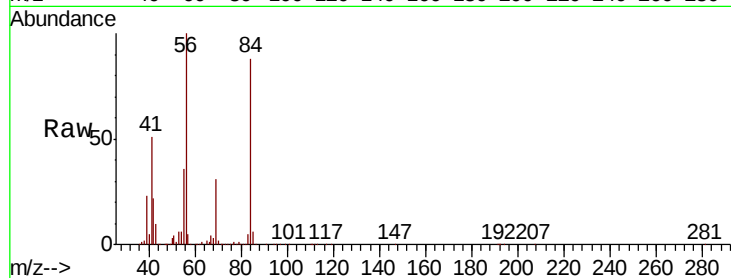
Tot Ion: 56 Resp: 721523

Ion Ratio Lower Upper

56 100

69 31.3 25.7 38.5

84 87.2 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 140.967 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

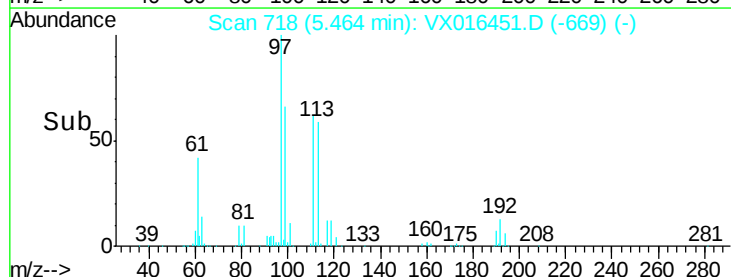
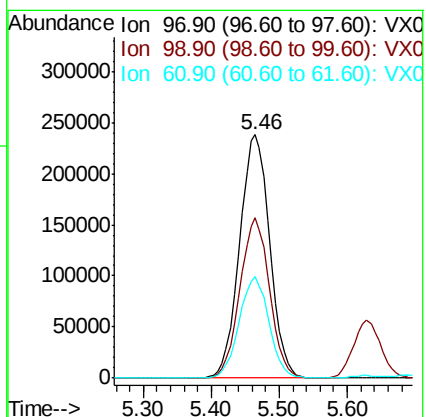
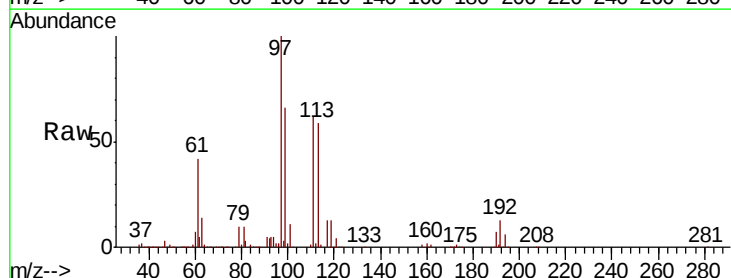
Tgt Ion: 97 Resp: 732244

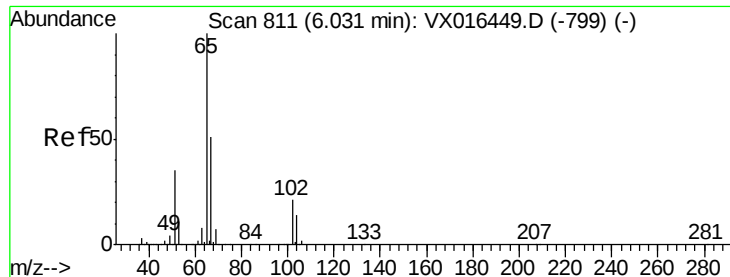
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.2

61 41.4 33.5 50.3

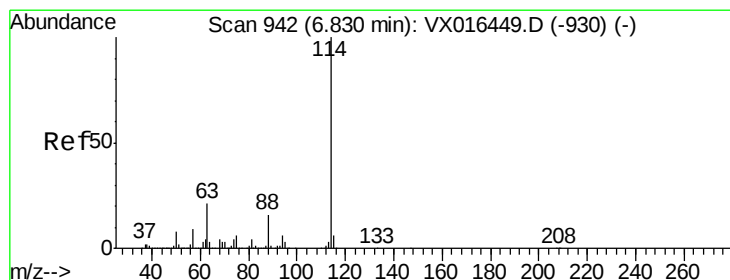
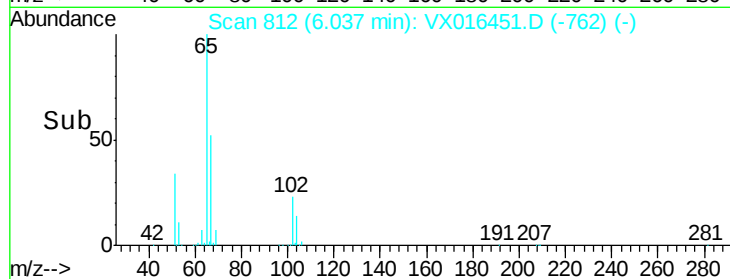
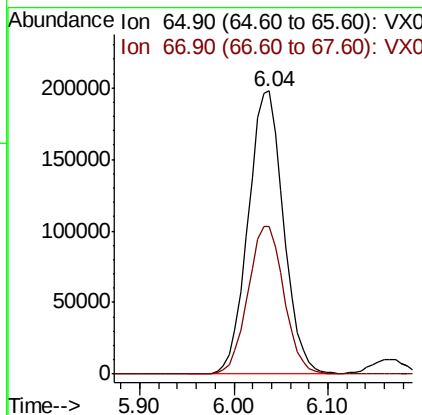
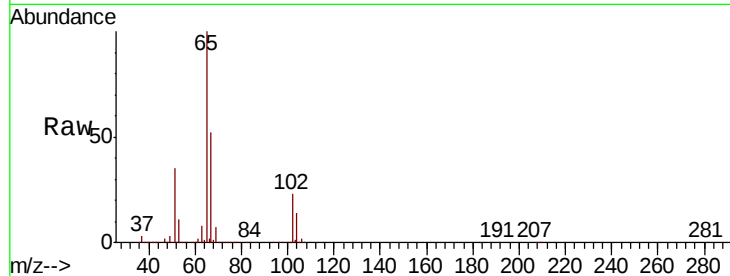




#33
 1,2-Dichloroethane-d4
 Concen: 138.218 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

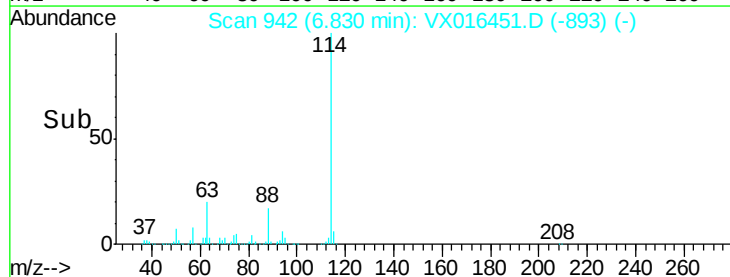
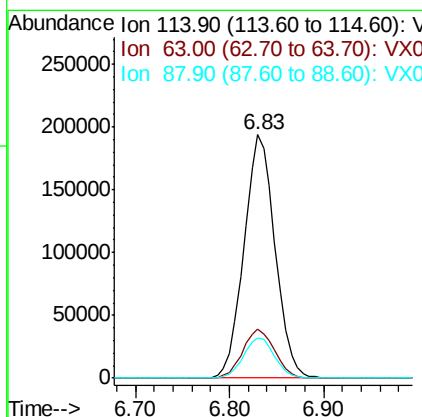
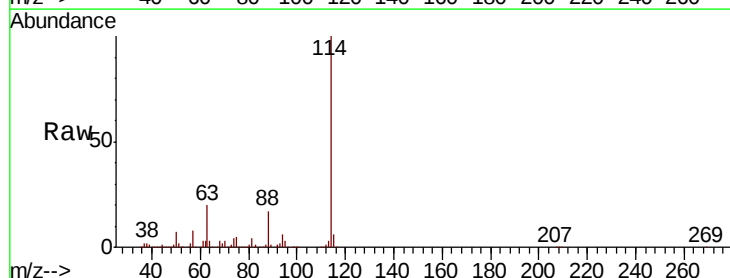
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

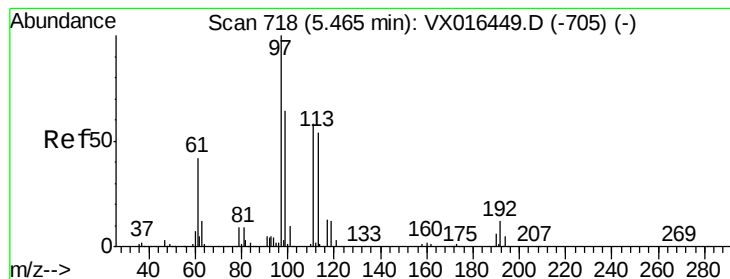
Tot Ion: 65 Resp: 518943
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion: 114 Resp: 447595
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 144.098 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

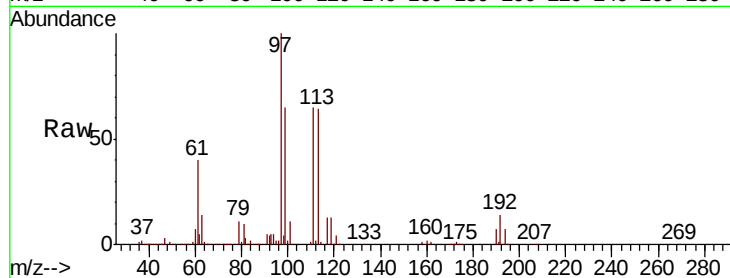
Tot Ion:113 Resp: 410270

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

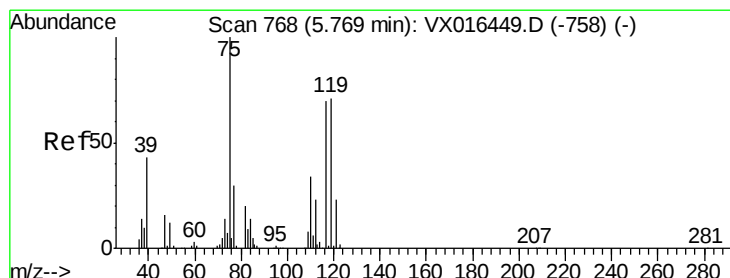
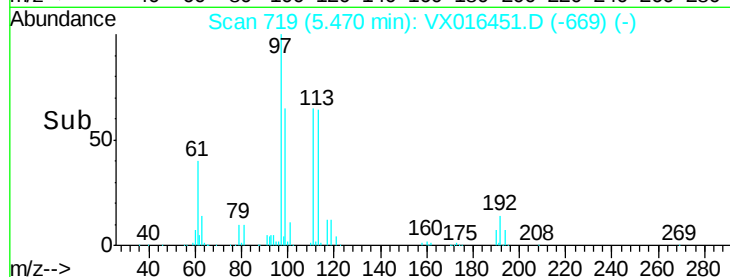
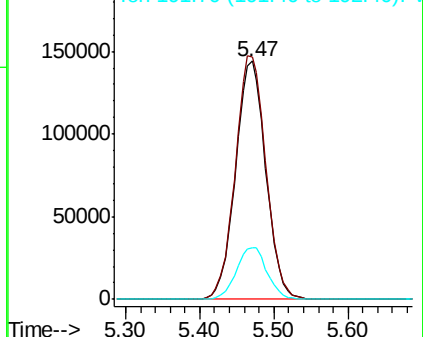
192 22.1 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 141.854 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

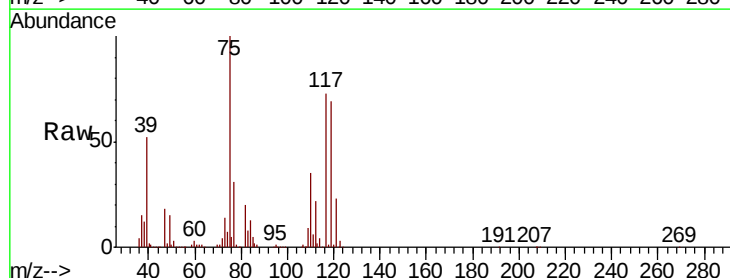
Tgt Ion: 75 Resp: 626276

Ion Ratio Lower Upper

75 100

110 35.5 17.4 52.3

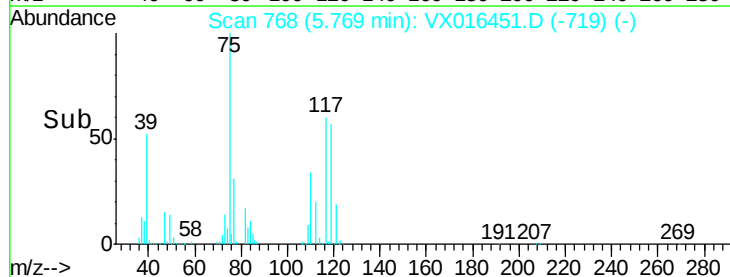
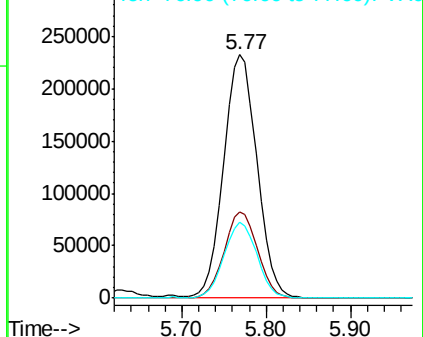
77 30.9 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

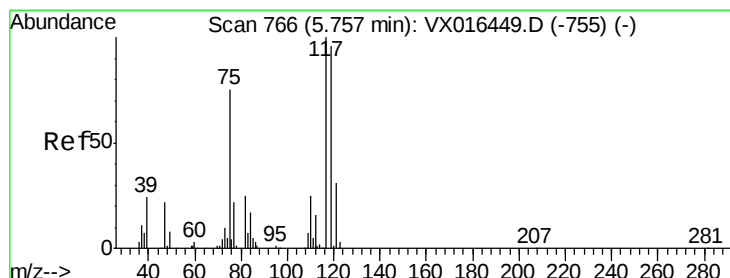
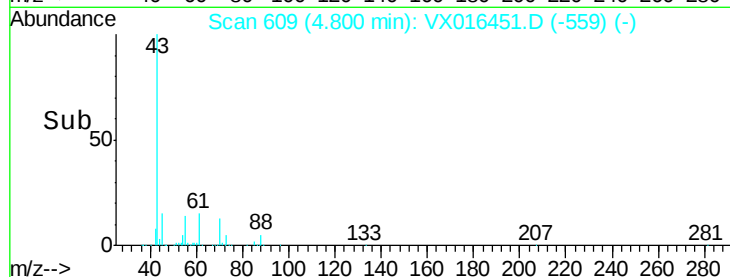
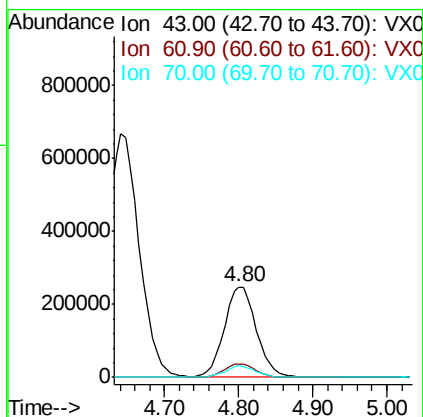
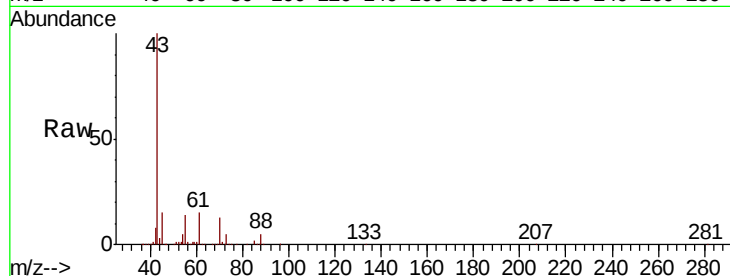




#37
Ethyl Acetate
Concen: 145.984 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

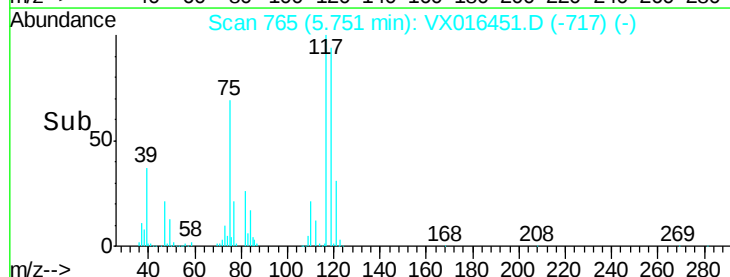
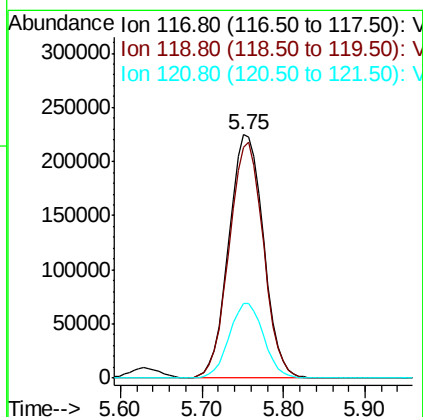
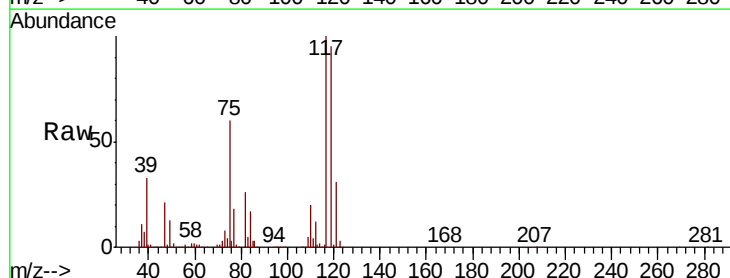
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 748172
Ion Ratio Lower Upper
43 100
61 14.3 11.3 16.9
70 12.0 9.3 13.9



#38
Carbon Tetrachloride
Concen: 146.831 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Tgt Ion: 117 Resp: 661008
Ion Ratio Lower Upper
117 100
119 94.6 76.3 114.5
121 30.7 24.6 37.0

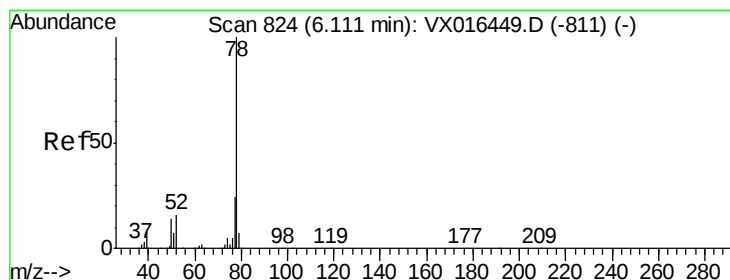
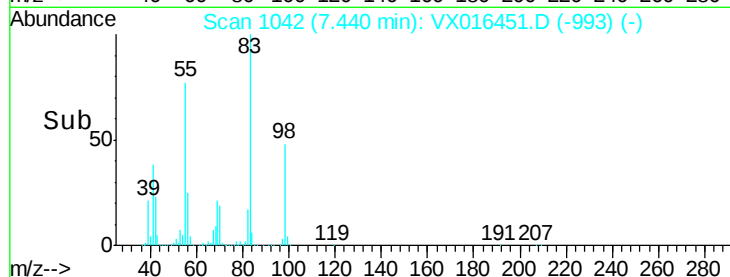
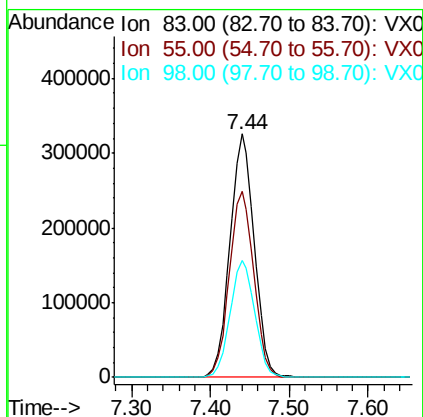
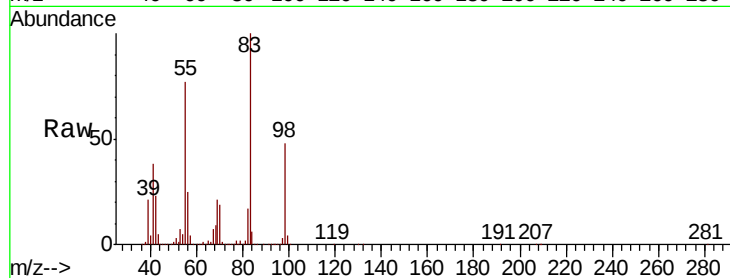




#39
Methvlcvclohexane
Concen: 133.563 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

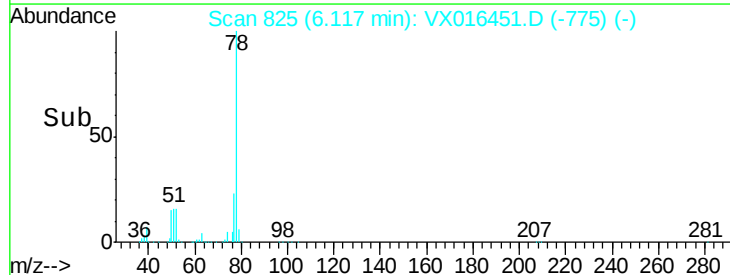
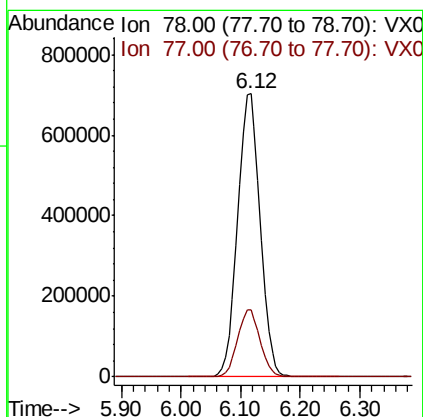
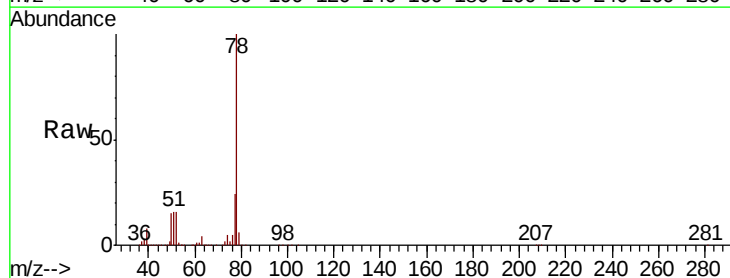
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 83 Resp: 696943
Ion Ratio Lower Upper
83 100
55 76.6 61.7 92.5
98 47.8 38.7 58.1



#40
Benzene
Concen: 142.880 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Tgt Ion: 78 Resp: 1849797
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

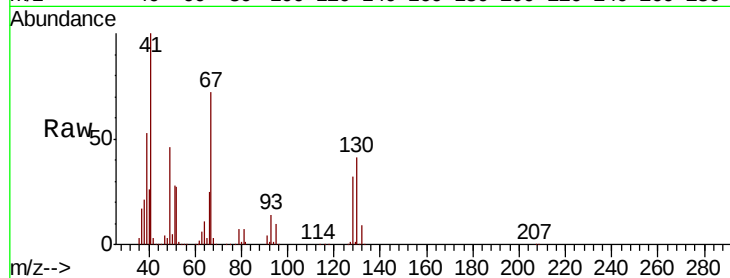




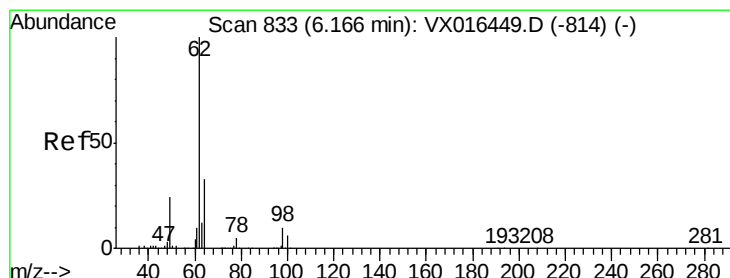
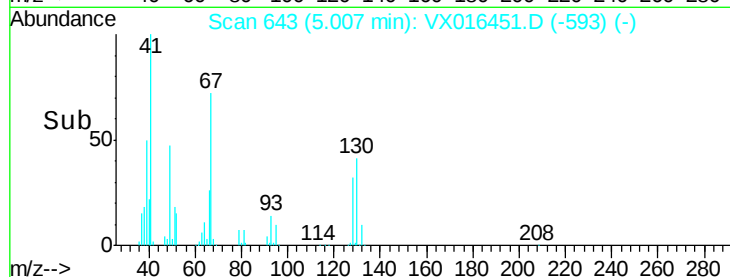
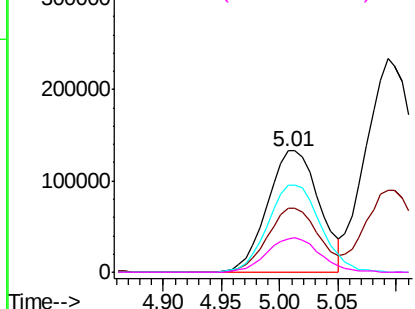
#41
Methacrylonitrile
Concen: 148.303 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	409653
Ion	Ratio	Lower	Upper
41	100		
39	52.2	43.0	64.4
67	73.2	58.9	88.3
52	29.0	23.1	34.7

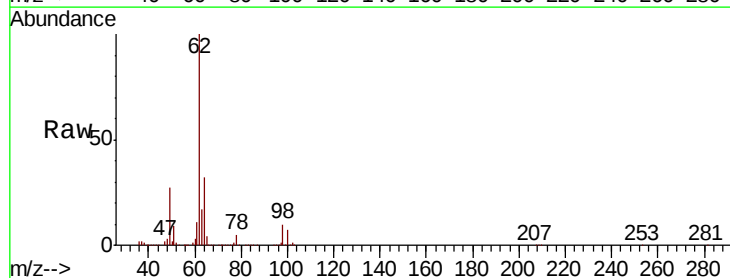


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

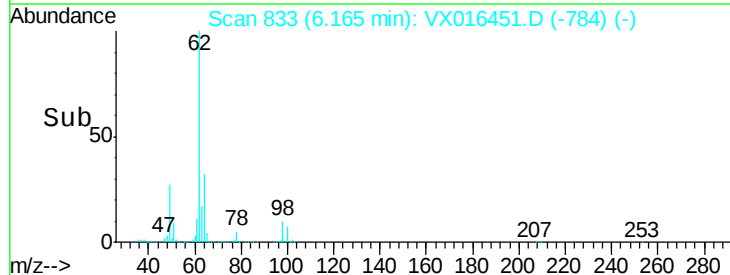
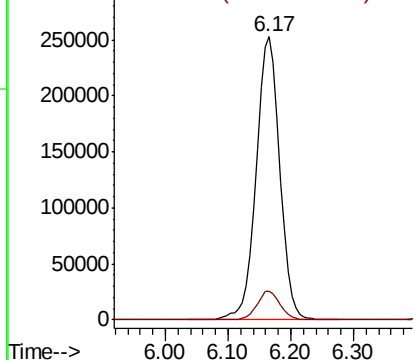


#42
1,2-Dichloroethane
Concen: 140.876 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Tgt Ion:	62	Resp:	656046
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



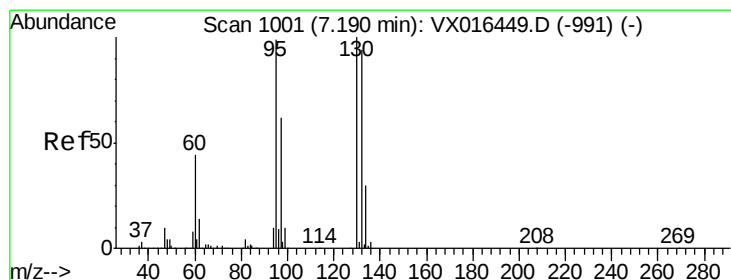
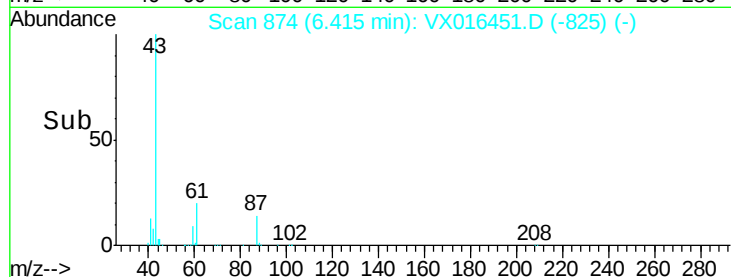
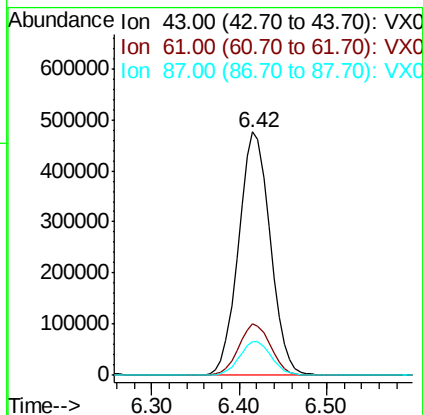
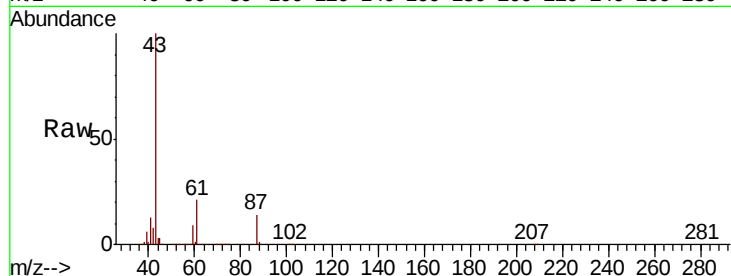


#43

Isopropyl Acetate
 Concen: 146.624 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

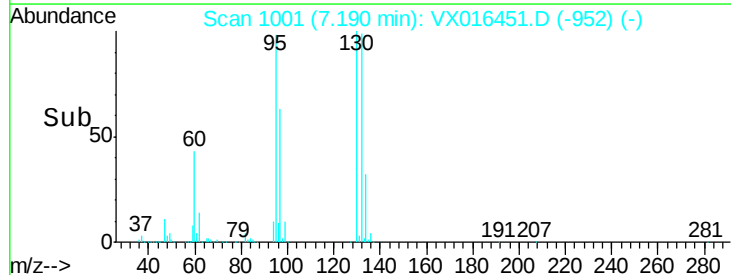
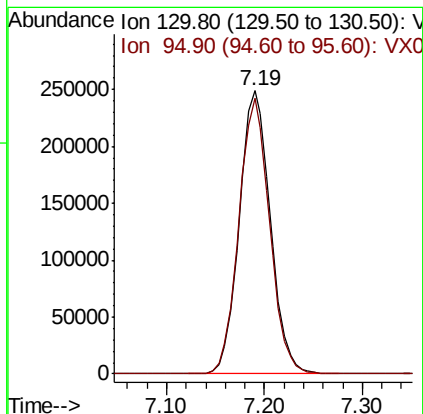
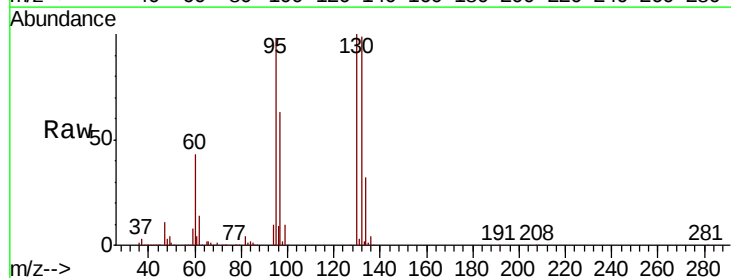
Tot Ion: 43 Resp: 1196095
 Ion Ratio Lower Upper
 43 100
 61 21.4 16.8 25.2
 87 14.1 11.2 16.8

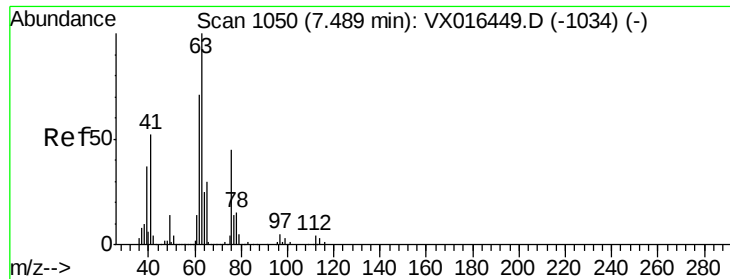


#44

Trichloroethene
 Concen: 121.176 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion: 130 Resp: 547276
 Ion Ratio Lower Upper
 130 100
 95 97.6 0.0 198.2





#45

1,2-Dichloropropane

Concen: 145.873 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

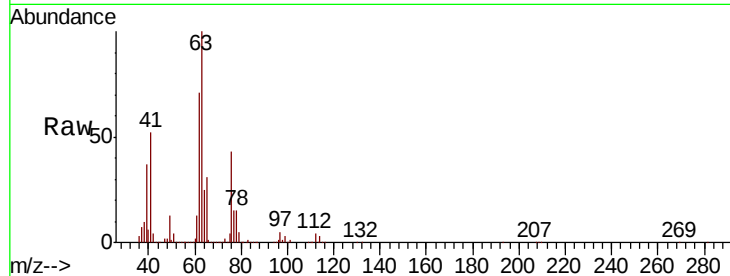
VSTDIC150

Tot Ion: 63 Resp: 477116

Ion Ratio Lower Upper

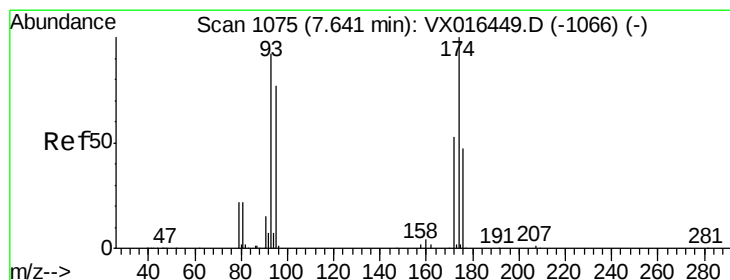
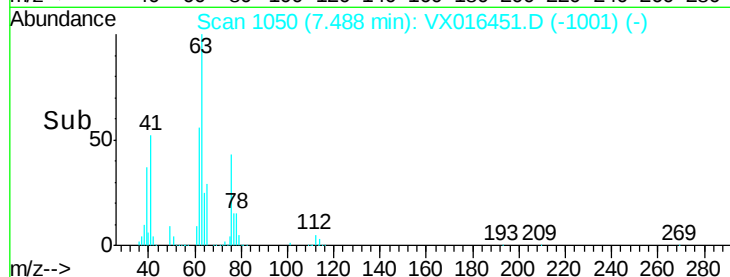
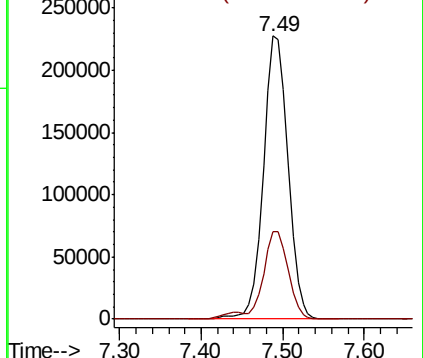
63 100

65 31.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 143.412 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

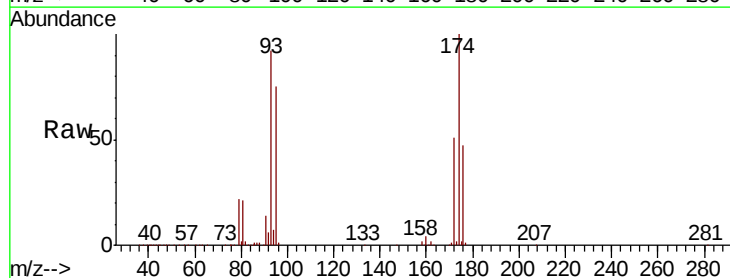
Tgt Ion: 93 Resp: 318716

Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

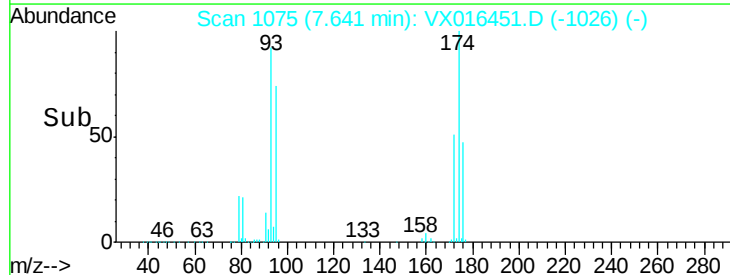
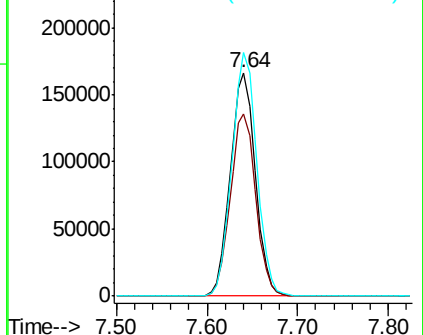
174 108.8 86.2 129.4

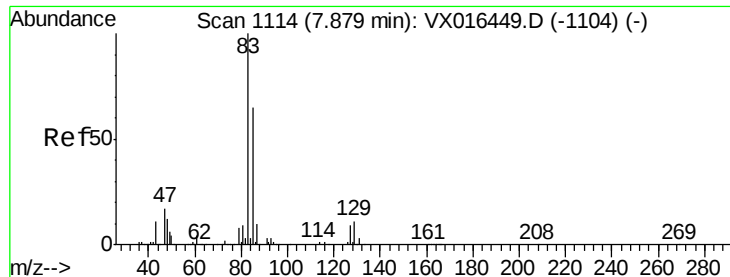


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 149.084 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

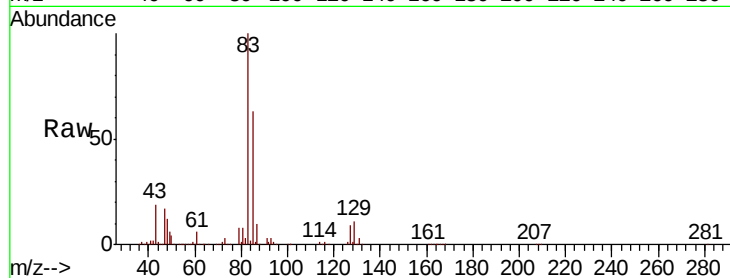
Tot Ion: 83 Resp: 675108

Ion Ratio Lower Upper

83 100

85 63.1 52.0 78.0

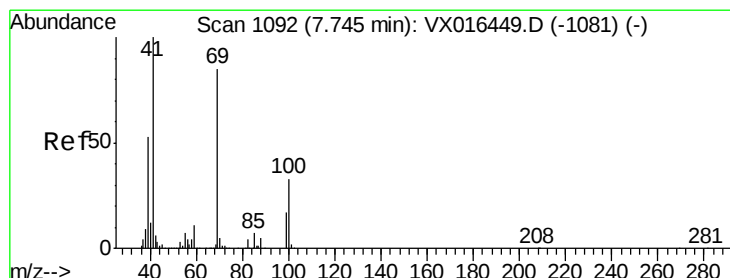
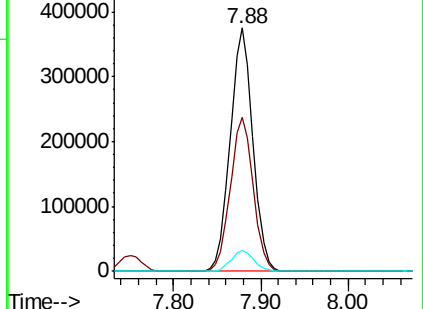
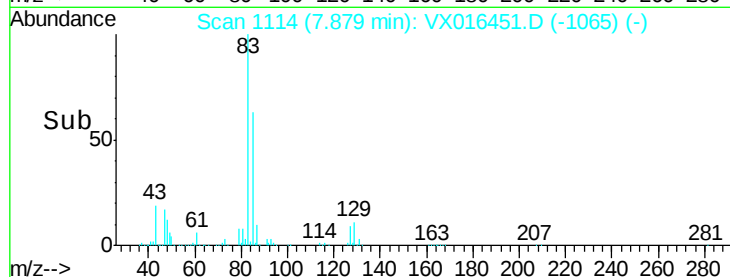
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 152.220 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

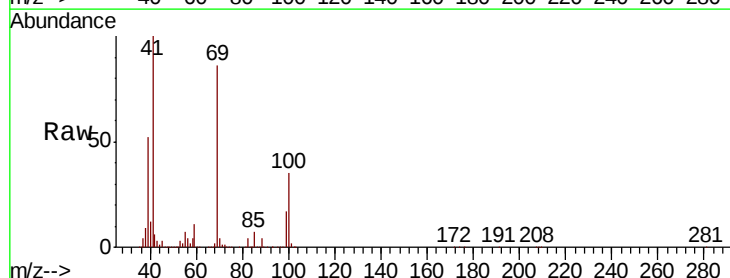
Tgt Ion: 41 Resp: 590146

Ion Ratio Lower Upper

41 100

69 85.6 68.6 102.8

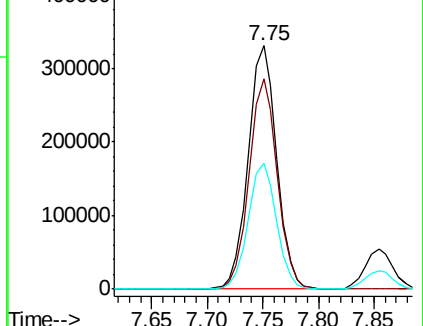
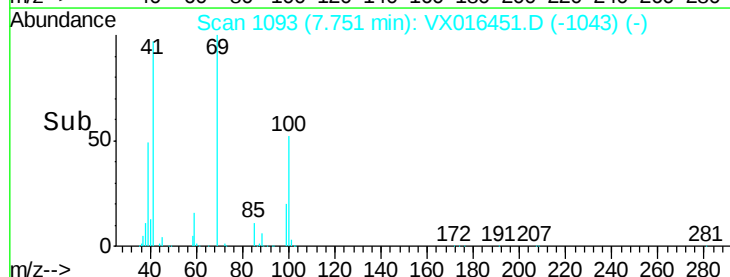
39 51.5 42.4 63.6

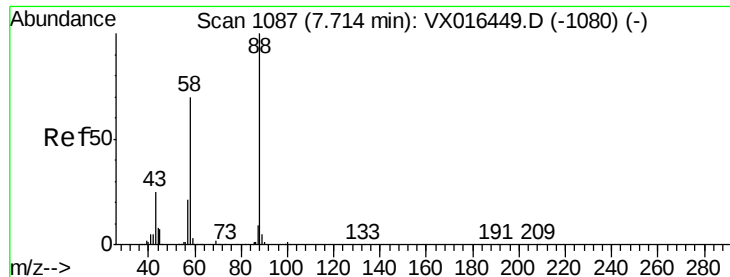


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2960.409 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

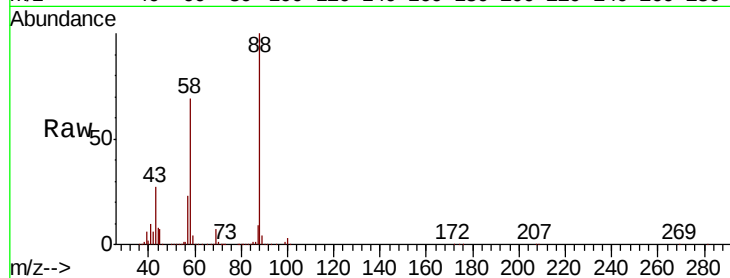
Tot Ion: 88 Resp: 274478

Ion Ratio Lower Upper

88 100

43 31.0 24.2 36.4

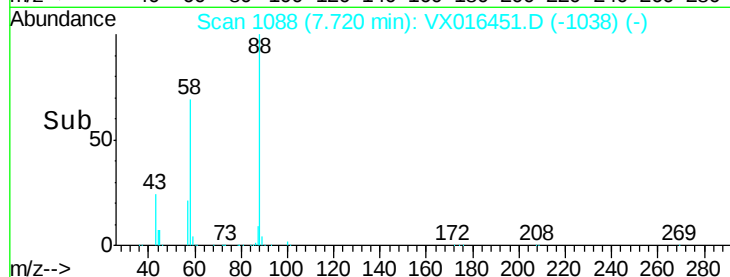
58 71.2 56.5 84.7



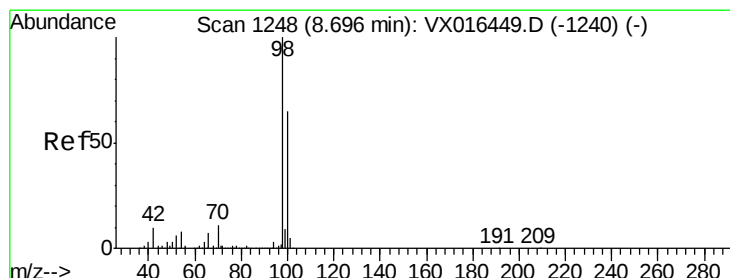
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 147.767 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX016451.D

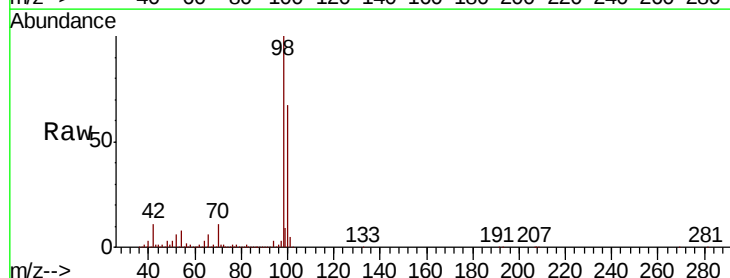
Acq: 27 May 2020 16:13

Tgt Ion: 98 Resp: 1625543

Ion Ratio Lower Upper

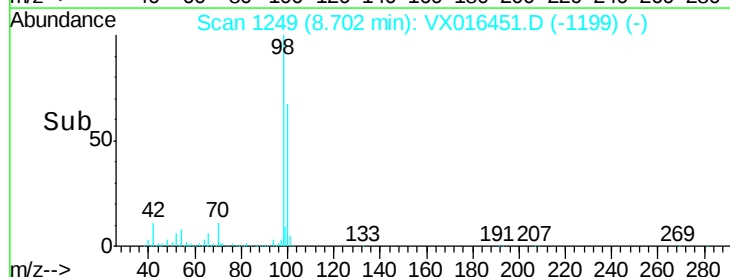
98 100

100 66.6 53.8 80.6

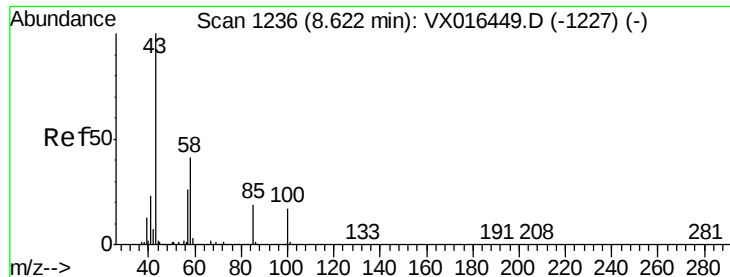


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



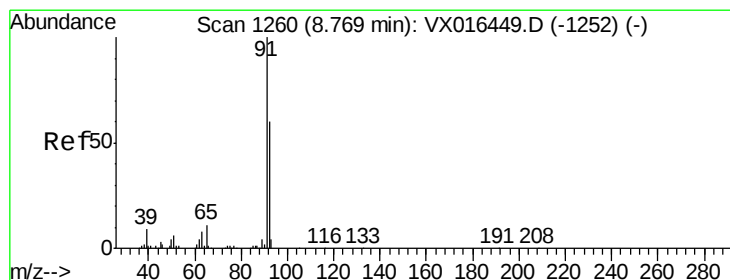
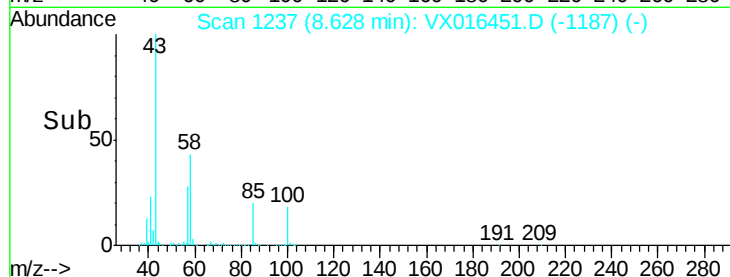
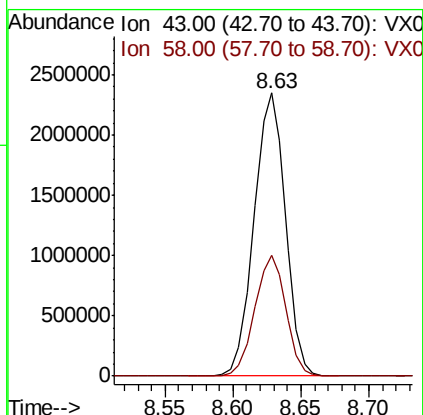
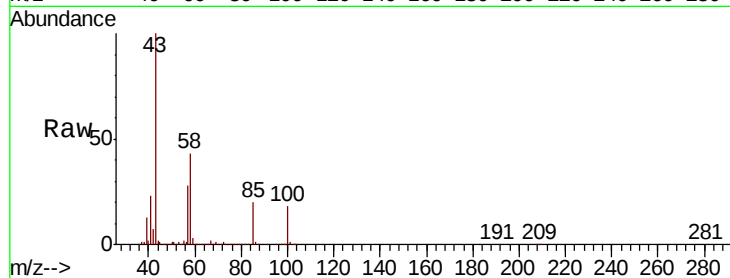
Time-->



#51
 4-Methyl-2-Pentanone
 Concen: 759.736 ug/l
 RT: 8.63 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

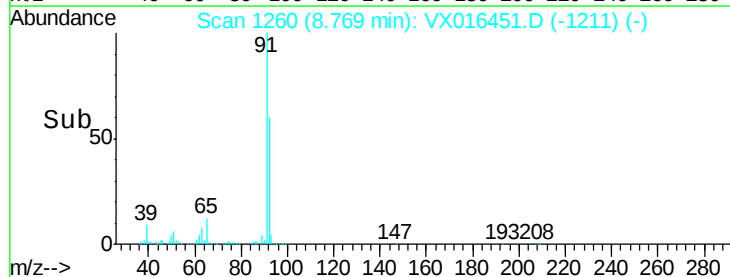
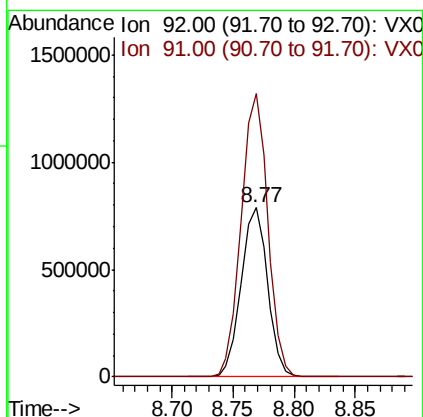
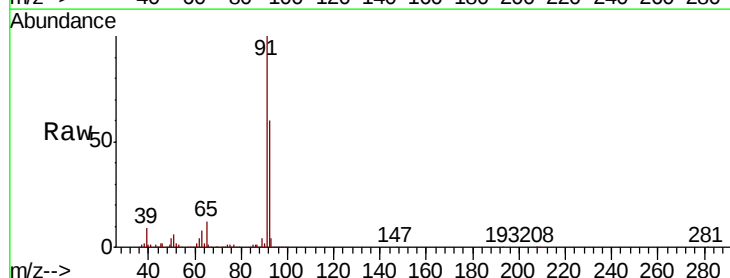
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

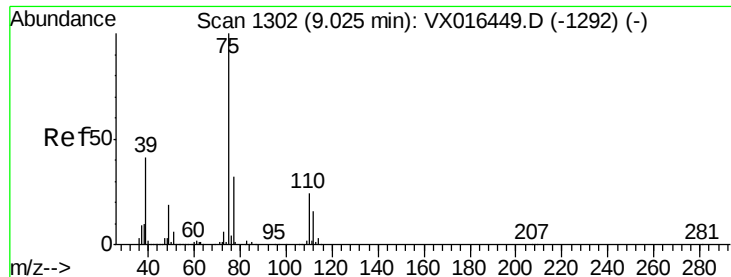
Tot Ion: 43 Resp: 3804258
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.0 49.6



#52
 Toluene
 Concen: 147.055 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion: 92 Resp: 1186543
 Ion Ratio Lower Upper
 92 100
 91 167.6 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 147.261 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

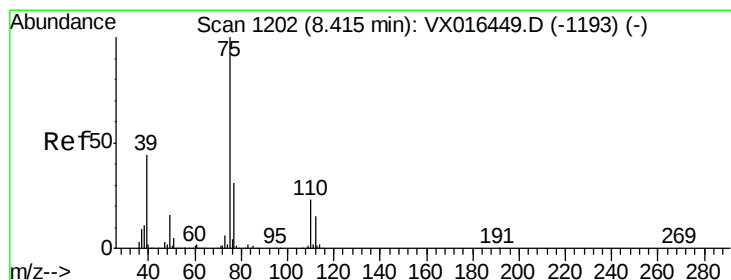
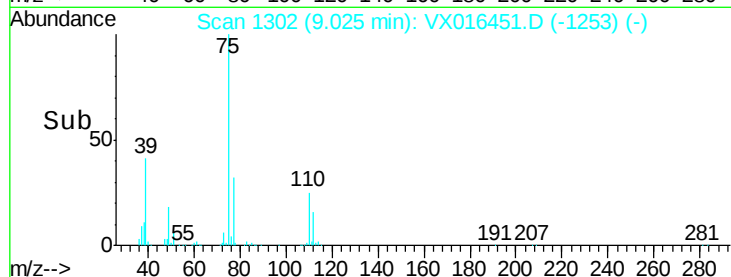
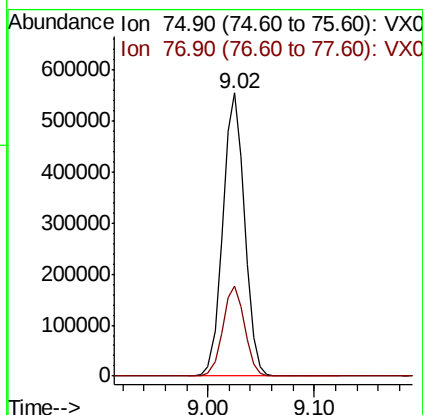
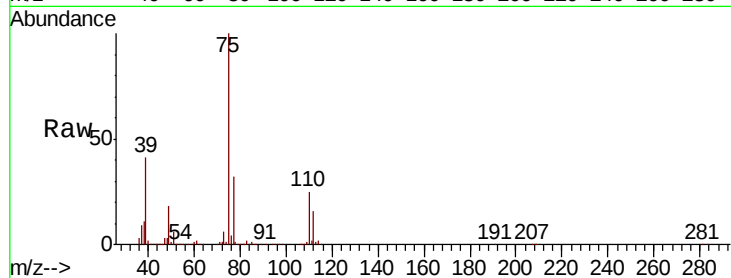
VSTDIC150

Tot Ion: 75 Resp: 792257

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 145.853 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

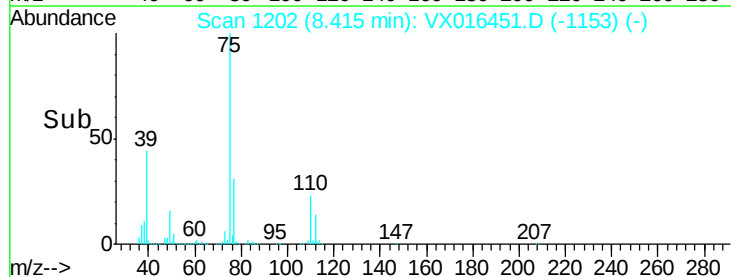
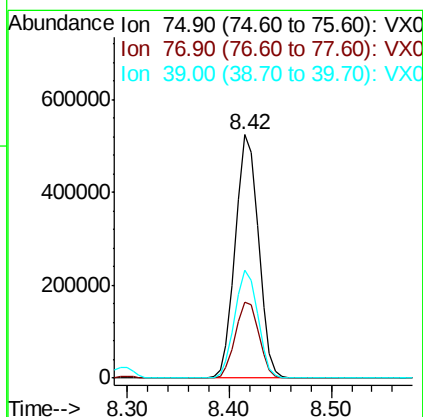
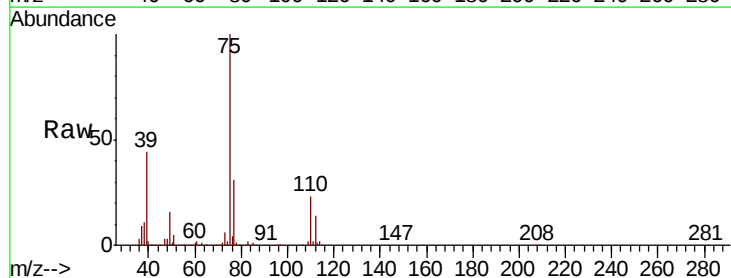
Tgt Ion: 75 Resp: 820159

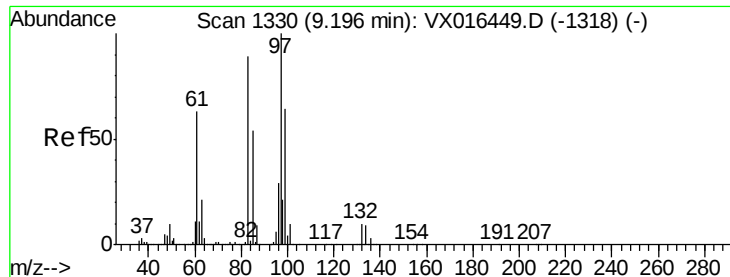
Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 44.4 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 151.291 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 479815

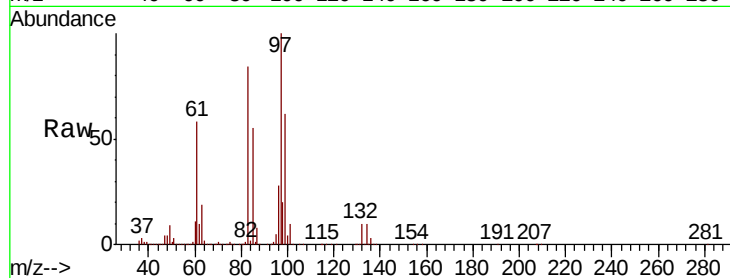
Ion Ratio Lower Upper

97 100

83 84.4 70.9 106.3

85 55.1 43.4 65.2

99 61.7 51.0 76.6

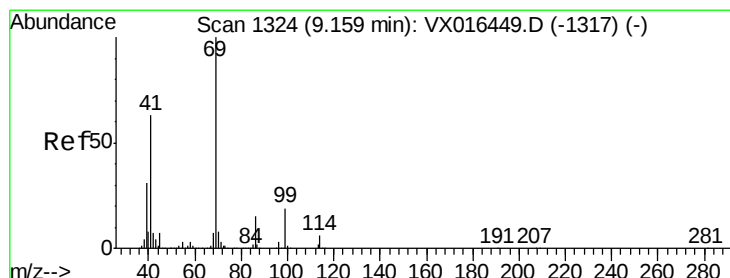
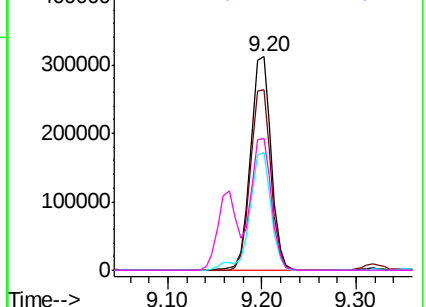
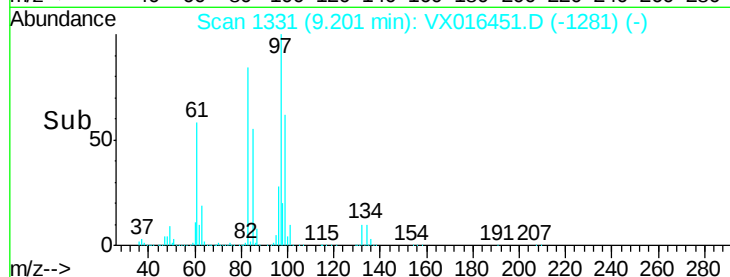


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 160.457 ug/l

RT: 9.16 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

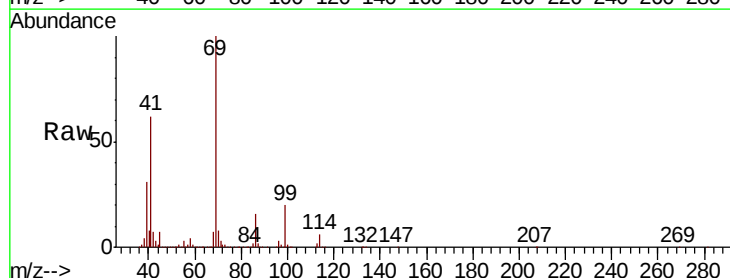
Tgt Ion: 69 Resp: 832884

Ion Ratio Lower Upper

69 100

41 63.6 50.7 76.1

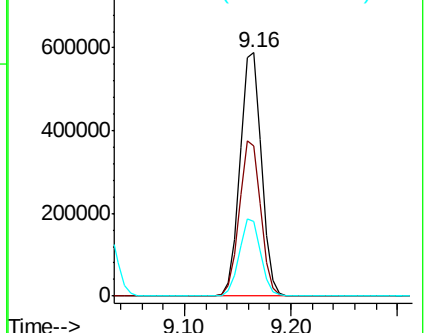
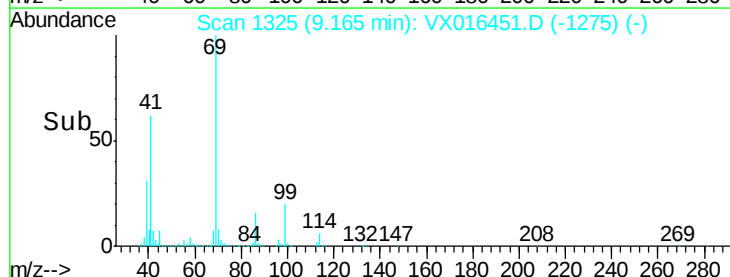
39 31.7 25.8 38.6

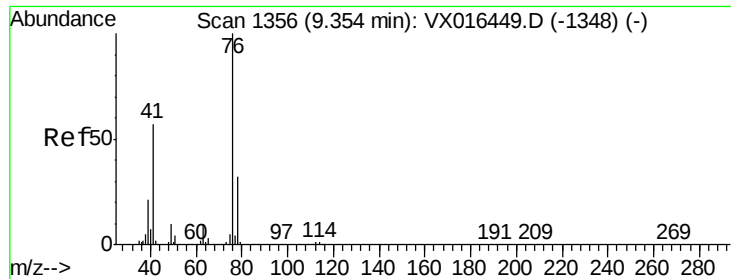


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 147.947 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

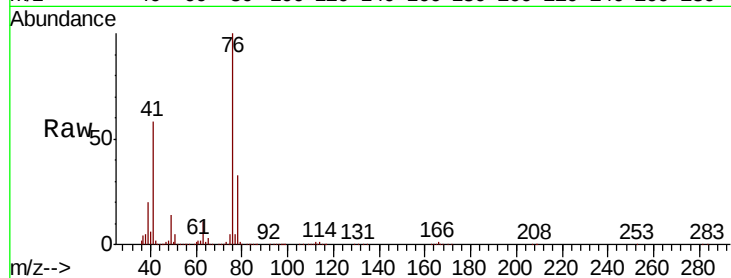
VSTDIC150

Tot Ion: 76 Resp: 819443

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

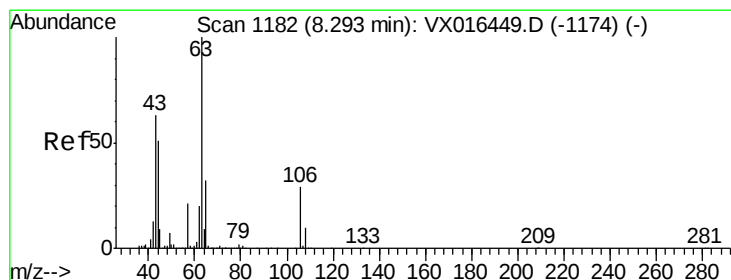
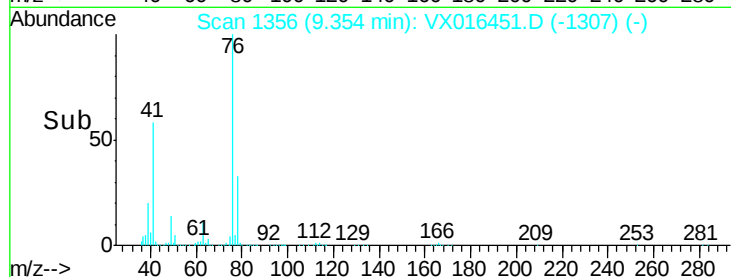
600000

400000

200000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 738.403 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016451.D

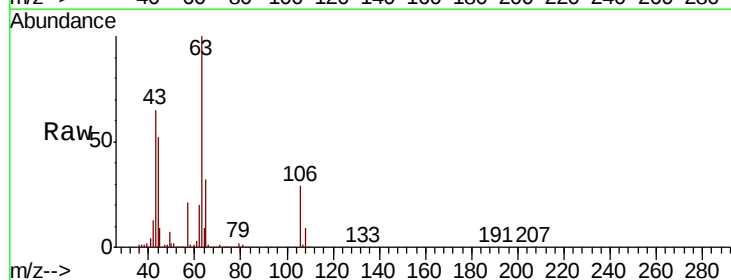
Acq: 27 May 2020 16:13

Tgt Ion: 63 Resp: 2028225

Ion Ratio Lower Upper

63 100

106 29.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

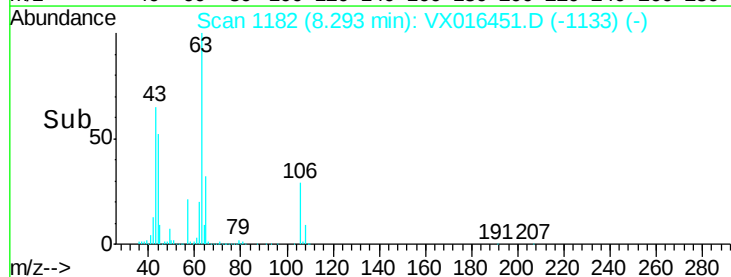
1500000

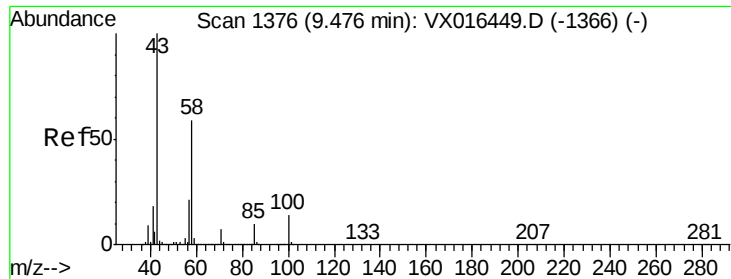
1000000

500000

0

Time-->

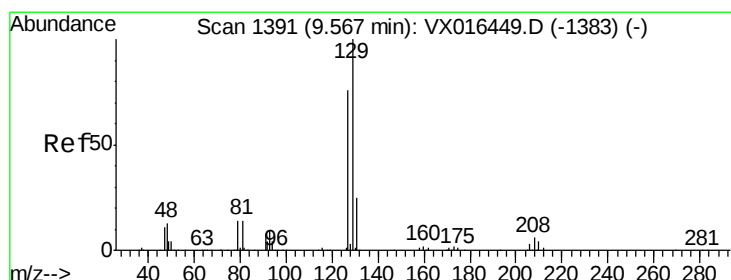
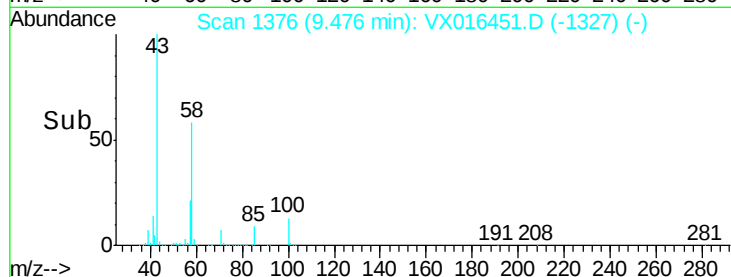
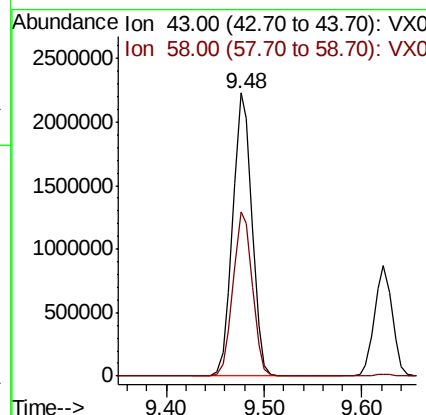
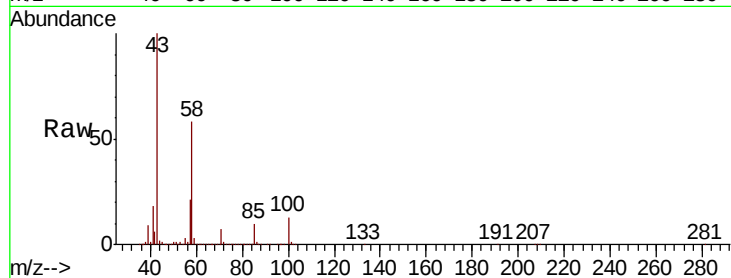




#59
2-Hexanone
Concen: 770.910 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

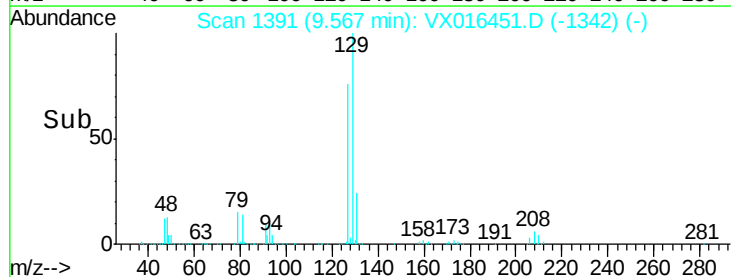
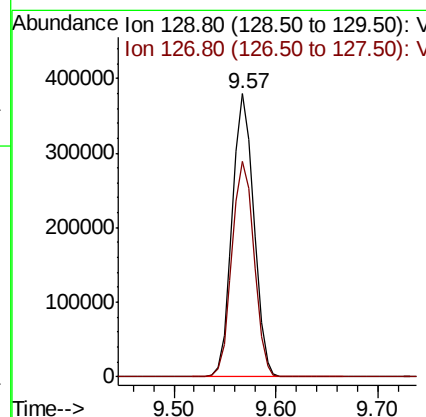
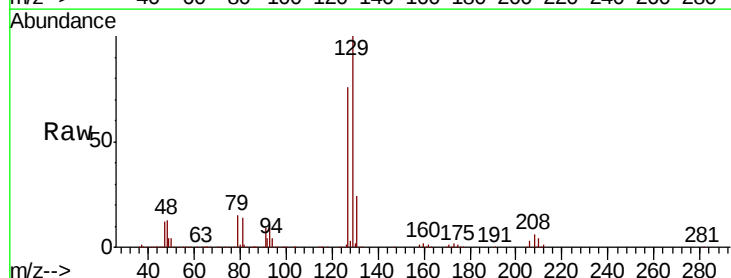
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

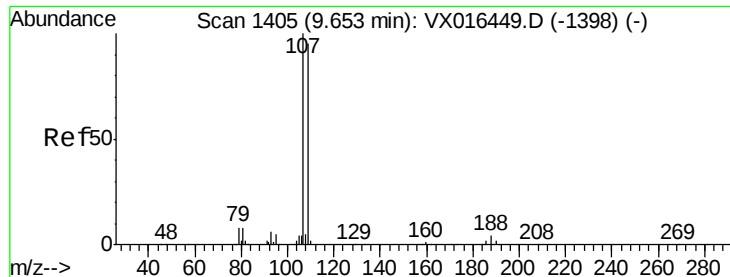
Tot Ion: 43 Resp: 3036080
Ion Ratio Lower Upper
43 100
58 58.2 28.8 86.4



#60
Dibromochloromethane
Concen: 158.655 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Tgt Ion: 129 Resp: 556389
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 151.243 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

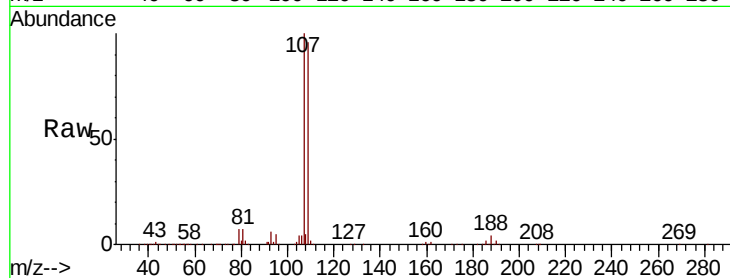
VSTDIC150

Tot Ion:107 Resp: 518046

Ion Ratio Lower Upper

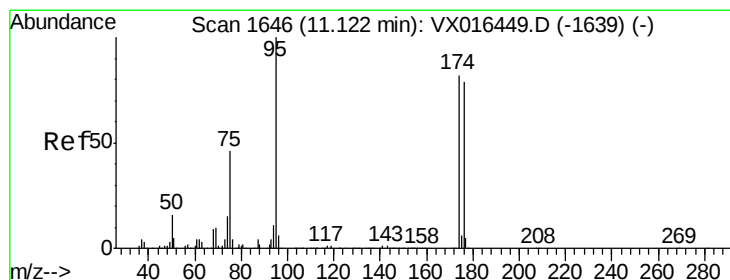
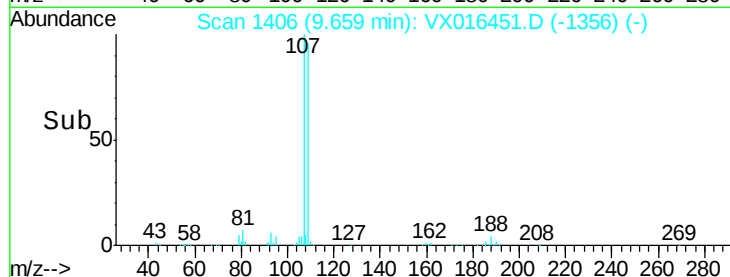
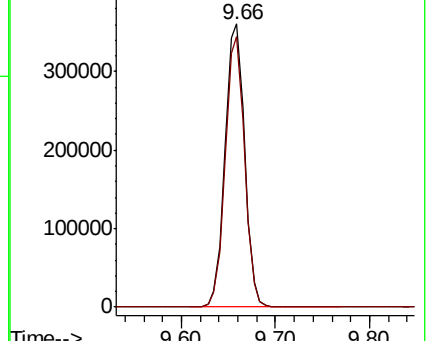
107 100

109 94.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 157.248 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

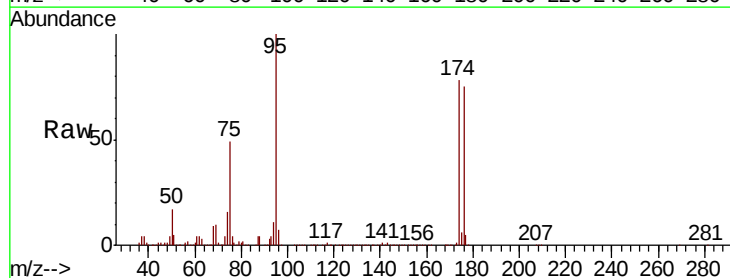
Tgt Ion: 95 Resp: 656578

Ion Ratio Lower Upper

95 100

174 81.8 0.0 163.0

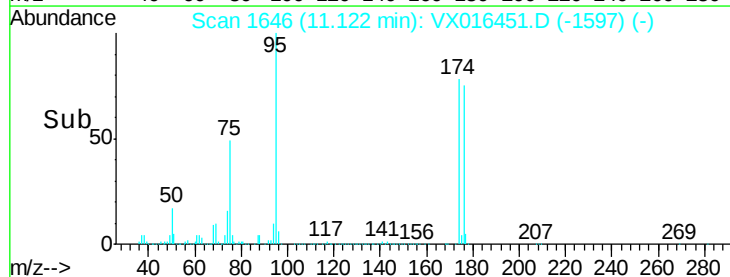
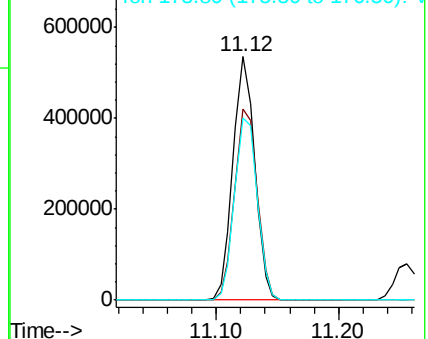
176 78.7 0.0 156.8

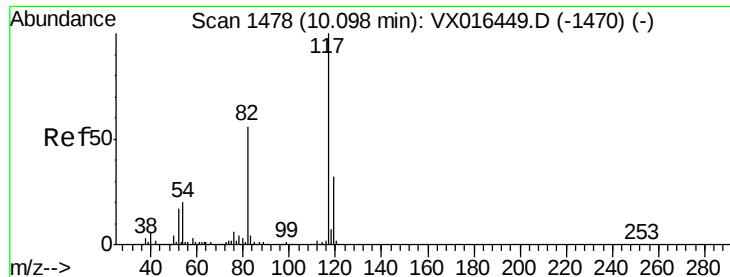


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

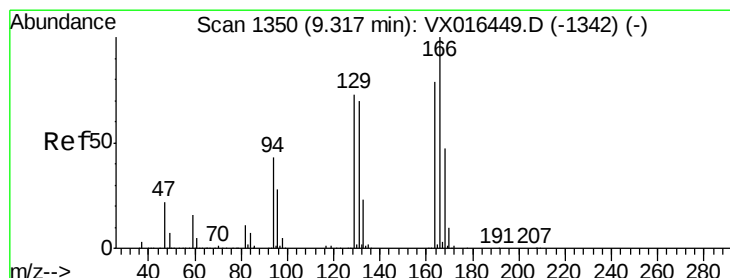
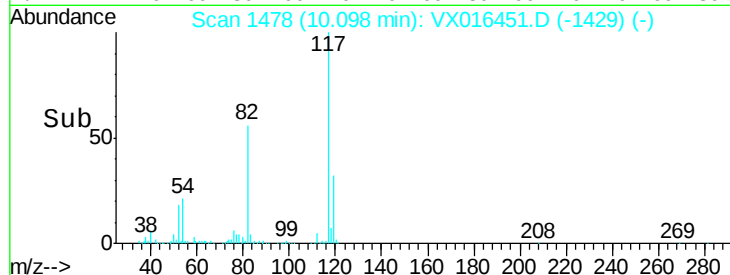
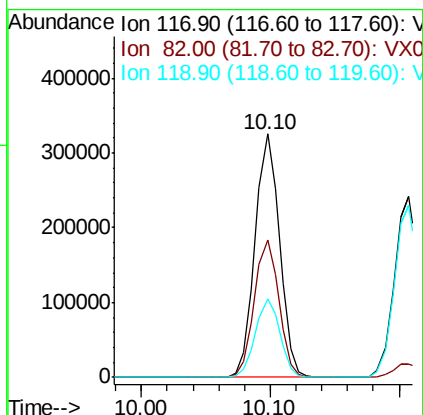
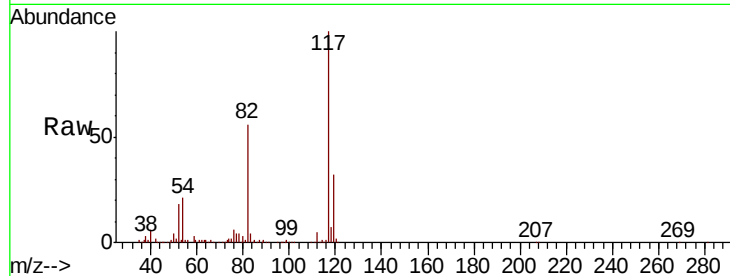




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

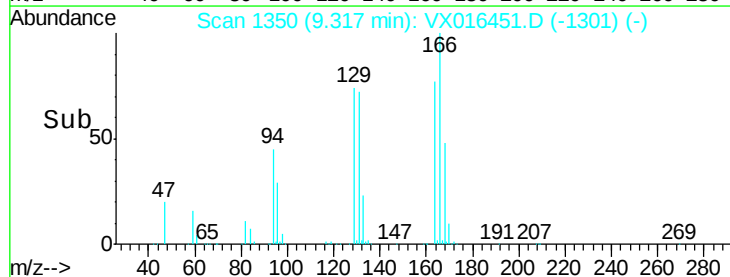
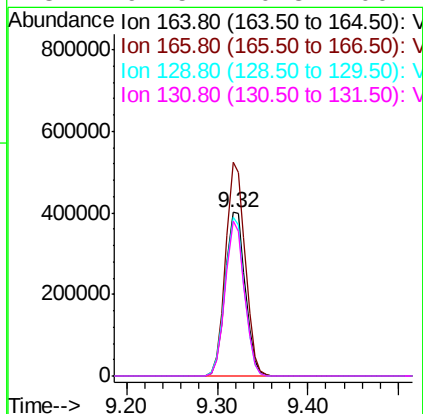
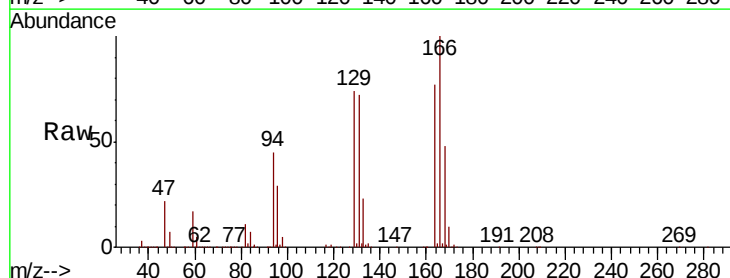
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

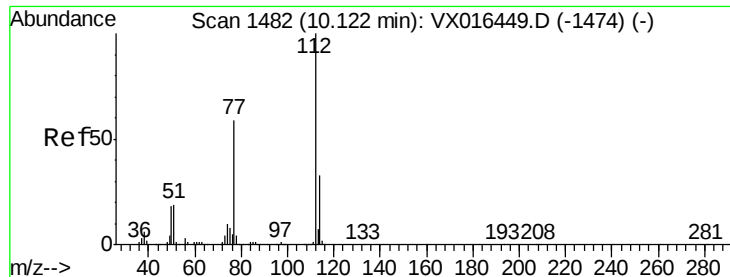
Tot Ion:117 Resp: 424652
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.6
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 118.758 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Tgt Ion:164 Resp: 612893
Ion Ratio Lower Upper
164 100
166 130.5 100.9 151.3
129 96.8 73.2 109.8
131 94.5 70.8 106.2

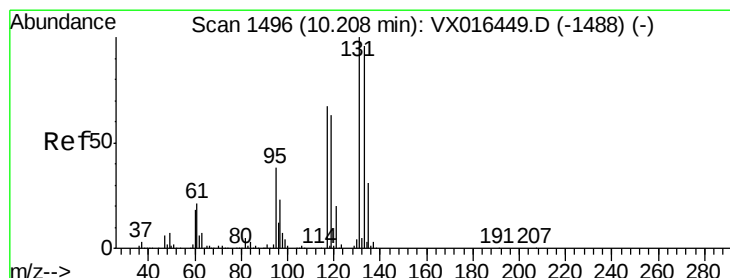
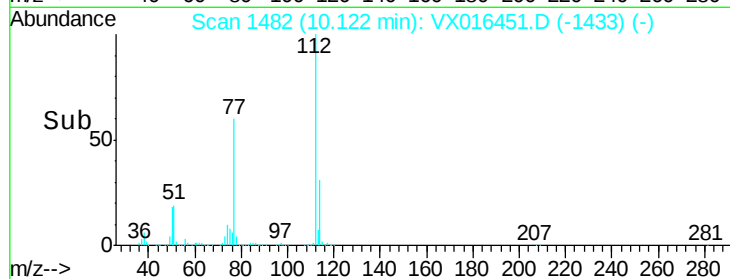
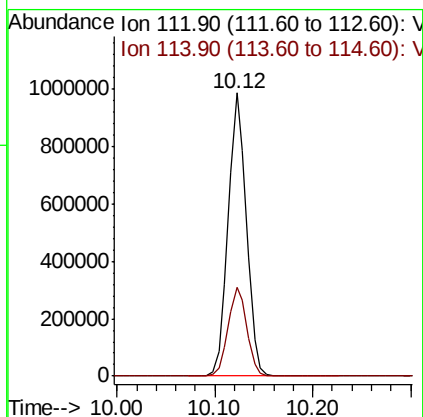
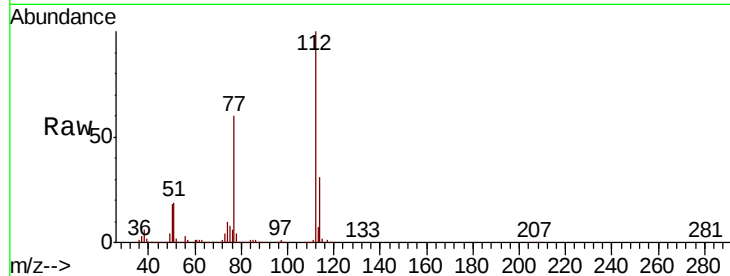




#65
Chlorobenzene
Concen: 142.929 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

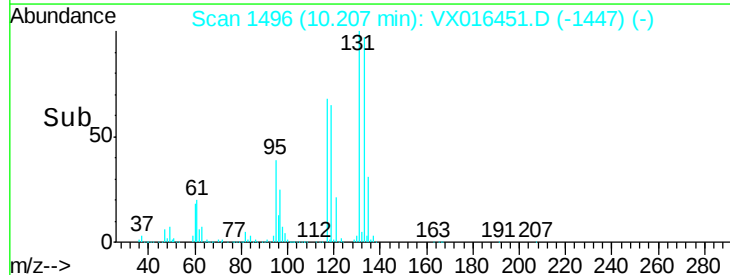
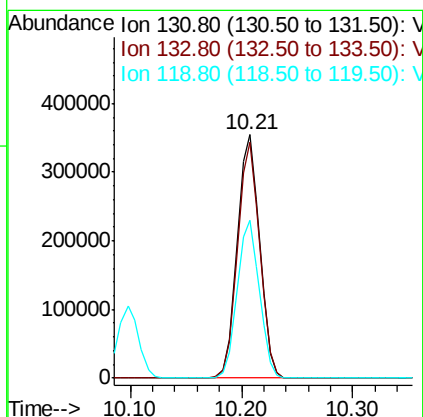
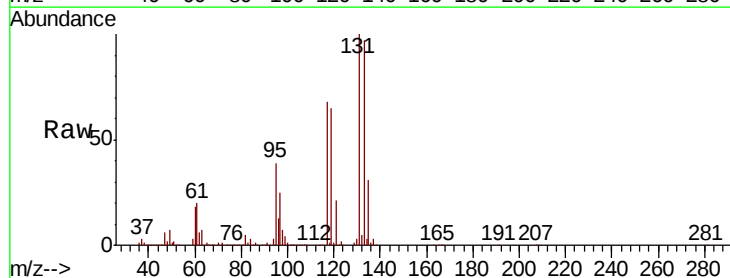
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

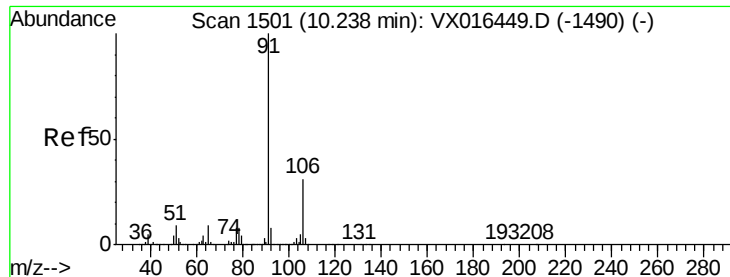
Tot Ion:112 Resp: 1273788
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 148.957 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Tgt Ion:131 Resp: 491522
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.3
119 64.3 32.0 96.2





#67

Ethyl Benzene

Concen: 144.824 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

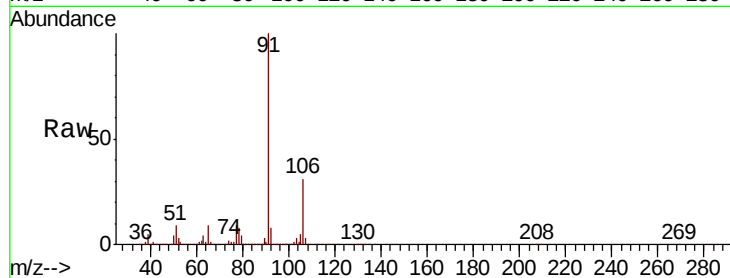
VSTDIC150

Tot Ion: 91 Resp: 2301655

Ion Ratio Lower Upper

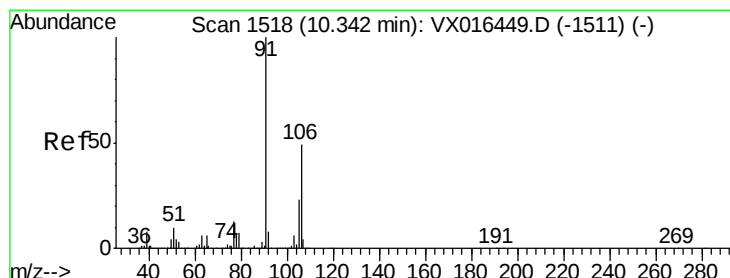
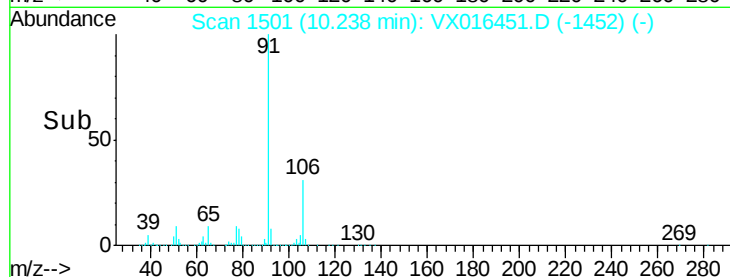
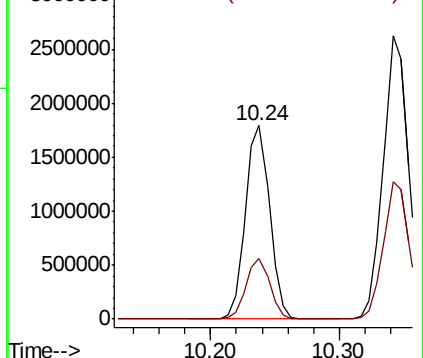
91 100

106 31.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 291.502 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016451.D

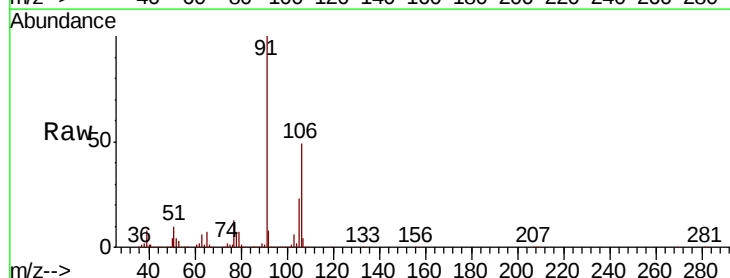
Acq: 27 May 2020 16:13

Tgt Ion:106 Resp: 1731769

Ion Ratio Lower Upper

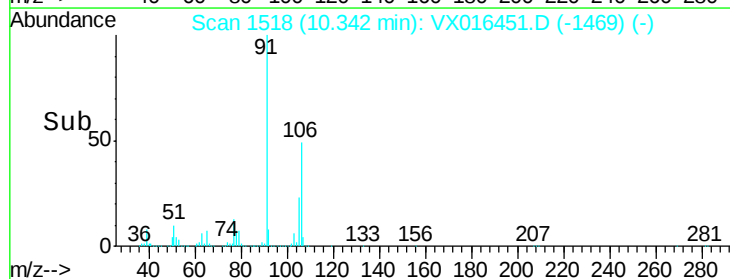
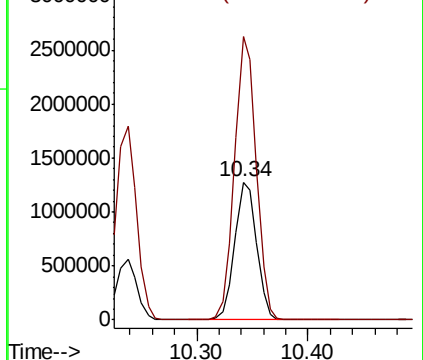
106 100

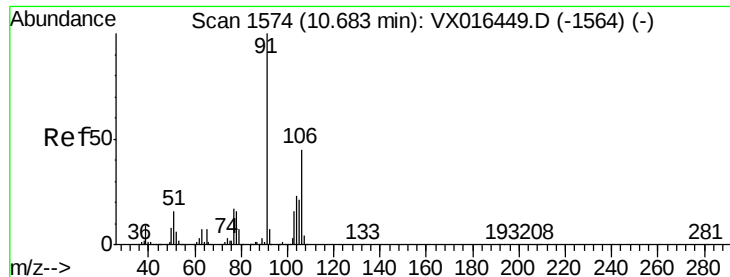
91 203.8 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

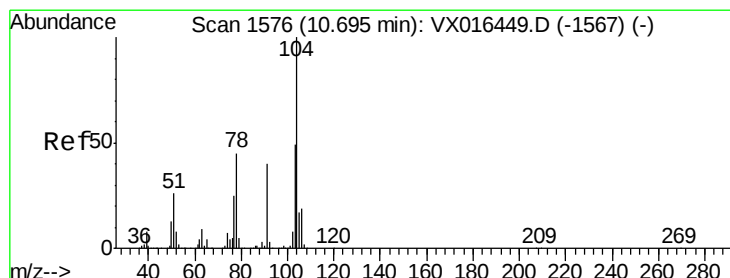
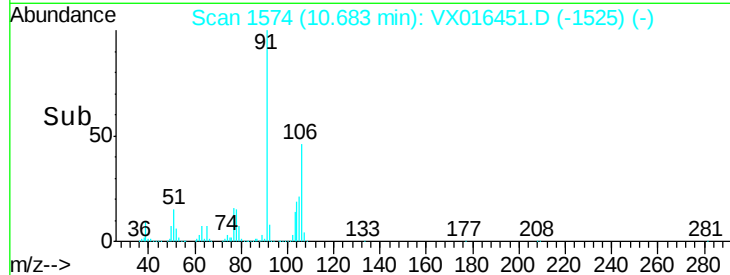
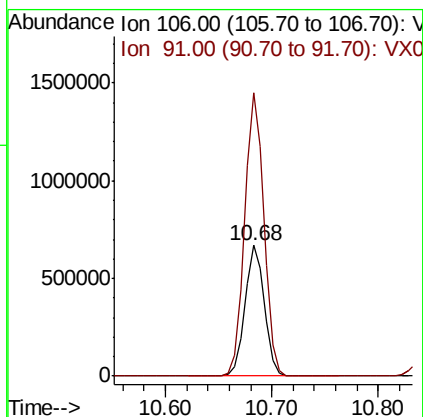
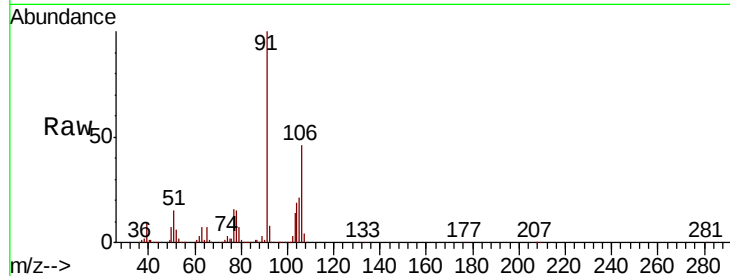




#69
o-Xylene
Concen: 148.980 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

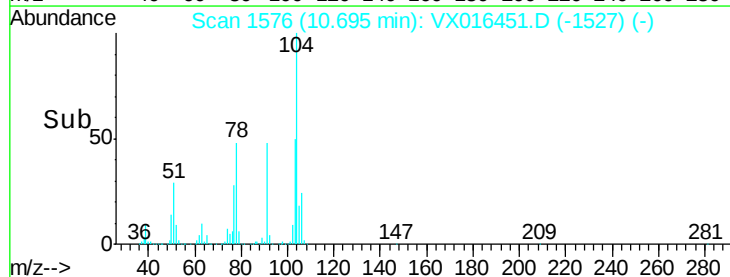
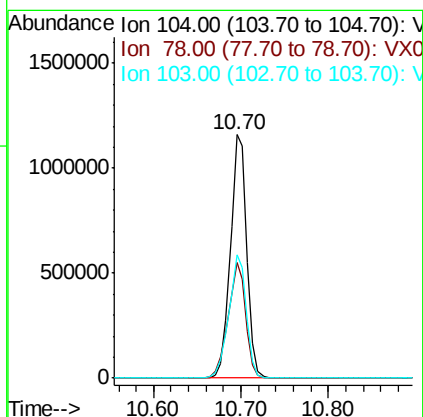
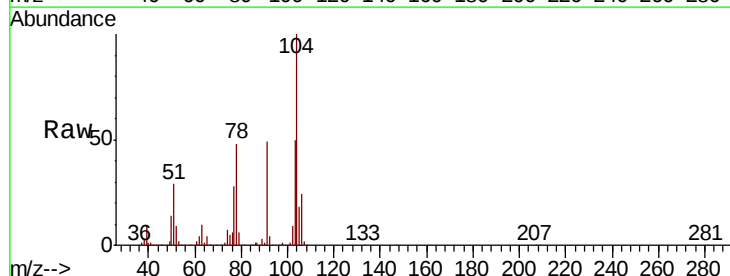
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

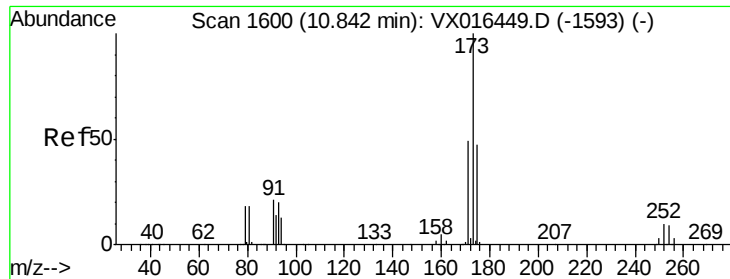
Tot Ion:106 Resp: 850057
Ion Ratio Lower Upper
106 100
91 216.0 109.6 328.8



#70
Styrene
Concen: 154.842 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Tgt Ion:104 Resp: 1506033
Ion Ratio Lower Upper
104 100
78 50.9 40.2 60.2
103 54.1 43.1 64.7

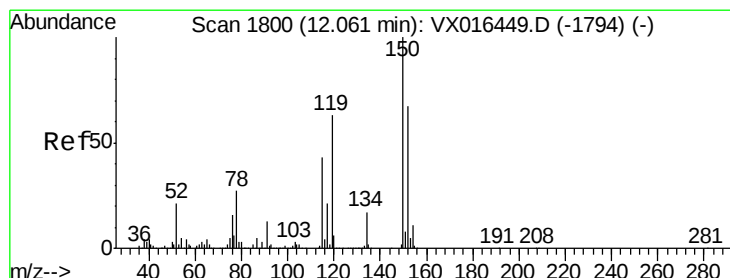
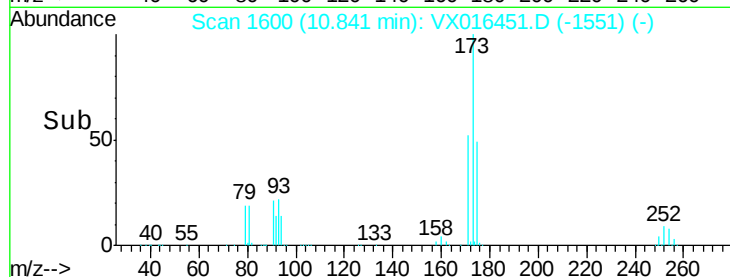
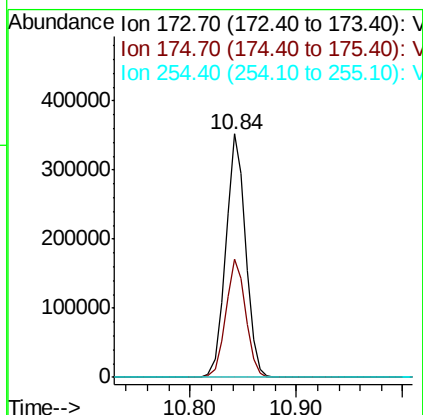
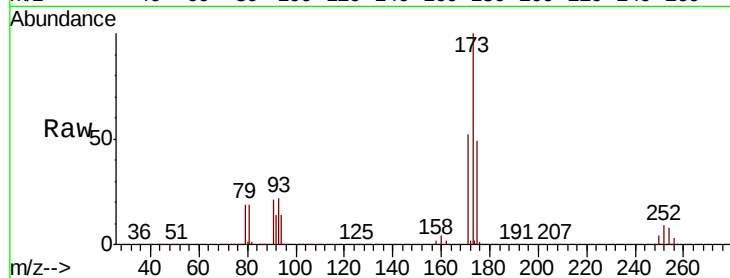




#71
Bromoform
Concen: 168.745 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

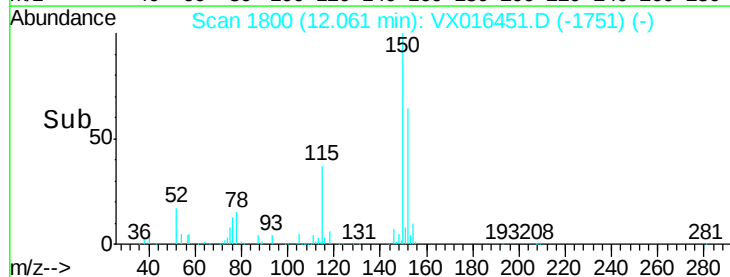
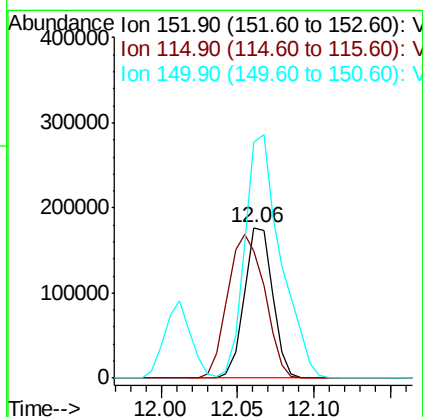
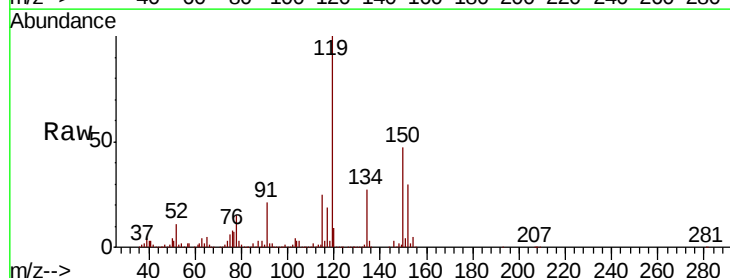
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

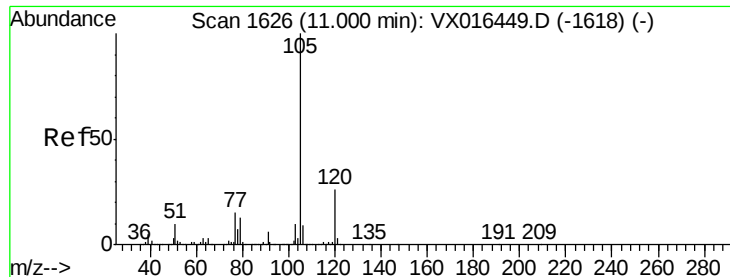
Tot Ion:173 Resp: 457171
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Tgt Ion:152 Resp: 227700
Ion Ratio Lower Upper
152 100
115 124.1 39.9 119.6#
150 204.6 0.0 341.0





#73

Isopropylbenzene

Concen: 137.028 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

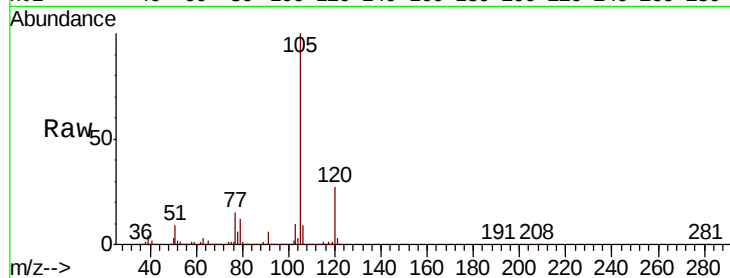
VSTDIC150

Tot Ion:105 Resp: 2262416

Ion Ratio Lower Upper

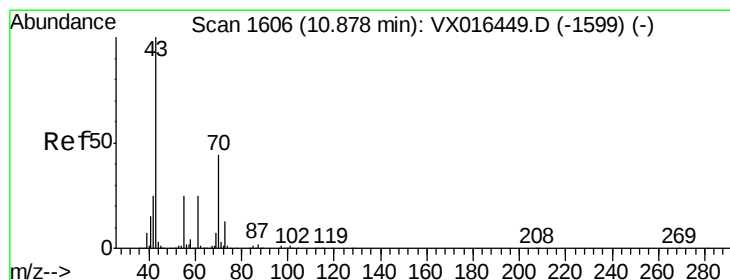
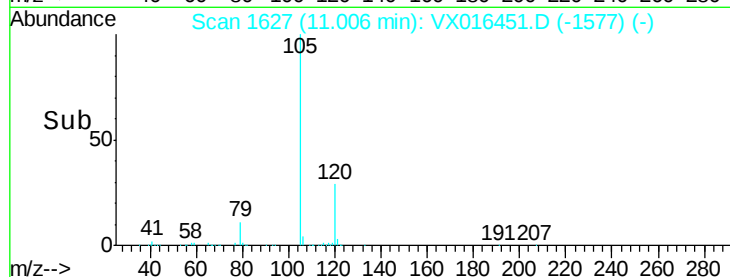
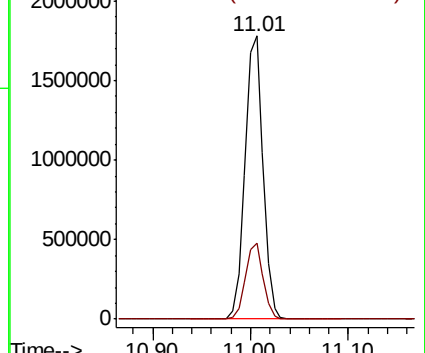
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 144.526 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Tgt Ion: 43 Resp: 1113061

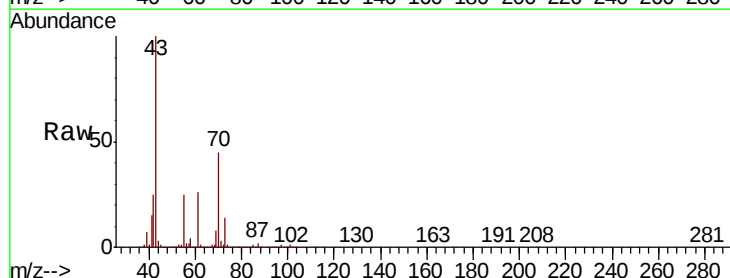
Ion Ratio Lower Upper

43 100

70 45.2 36.1 54.1

55 24.5 20.2 30.4

61 25.9 20.3 30.5

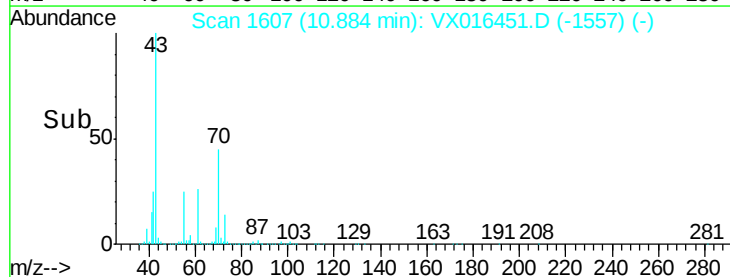
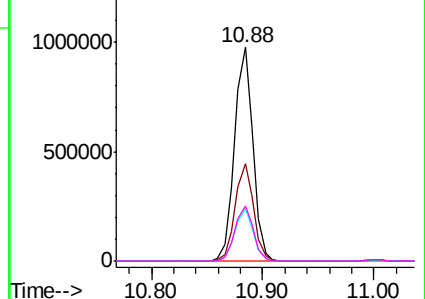


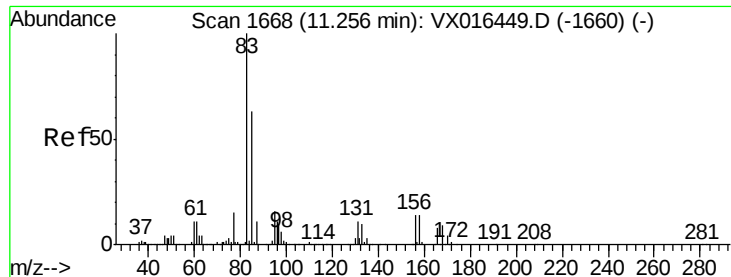
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 214.087 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

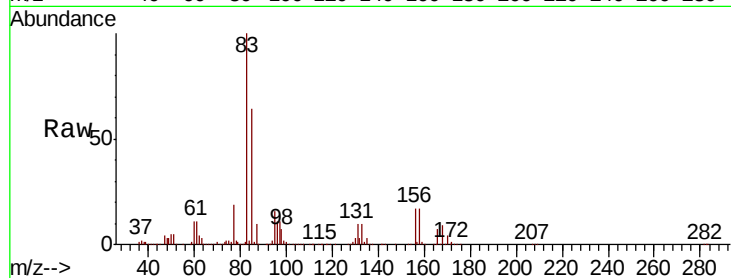
Tot Ion: 83 Resp: 659083

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

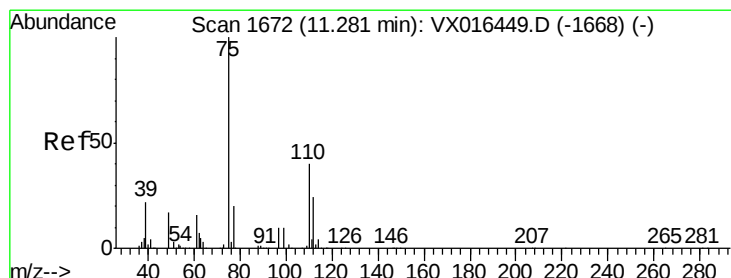
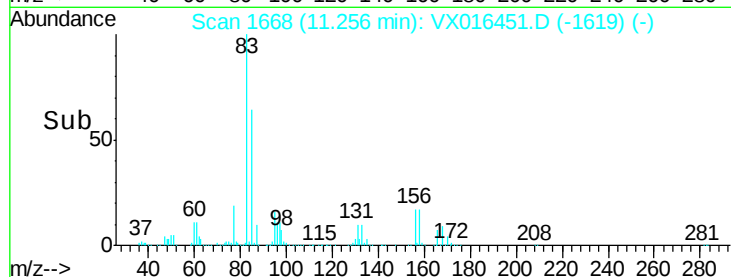
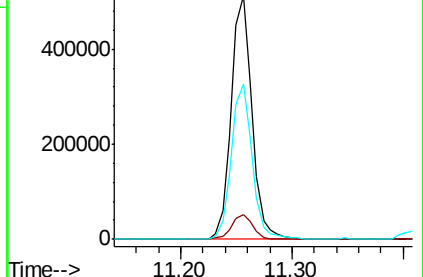
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 191.789 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016451.D

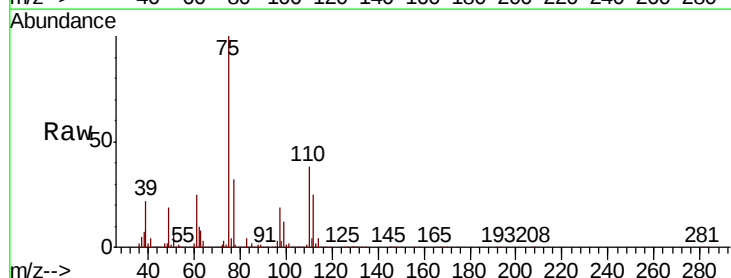
Acq: 27 May 2020 16:13

Tgt Ion: 75 Resp: 989631

Ion Ratio Lower Upper

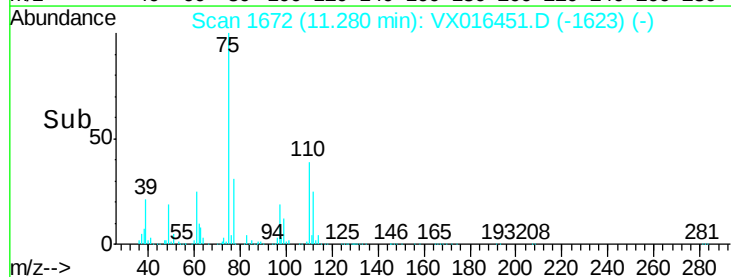
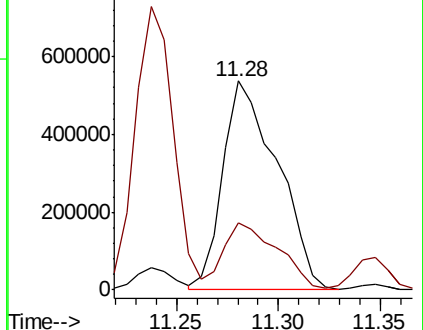
75 100

77 32.3 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 137.537 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

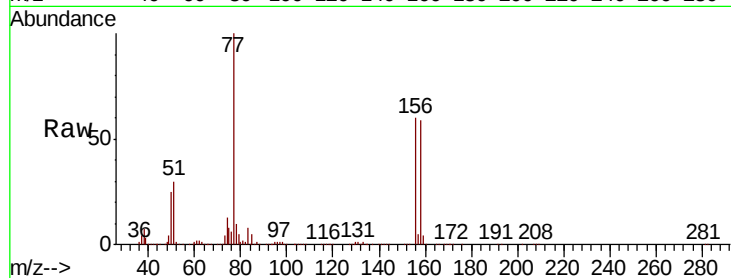
Tot Ion:156 Resp: 588449

Ion Ratio Lower Upper

156 100

77 161.1 79.6 238.8

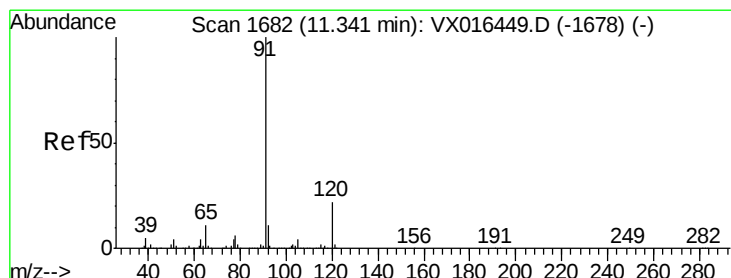
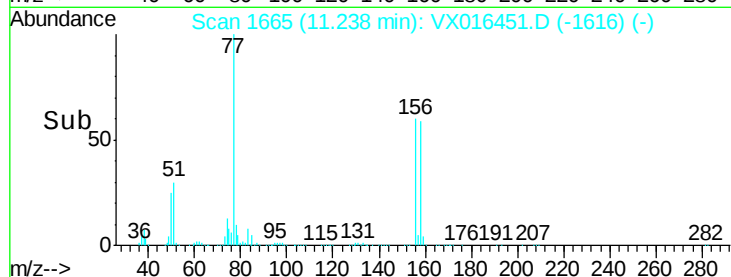
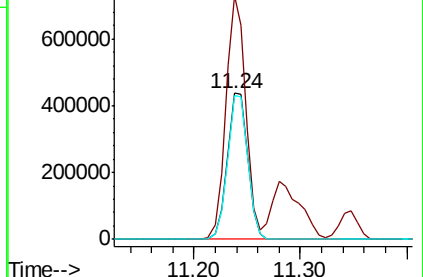
158 97.3 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 135.897 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016451.D

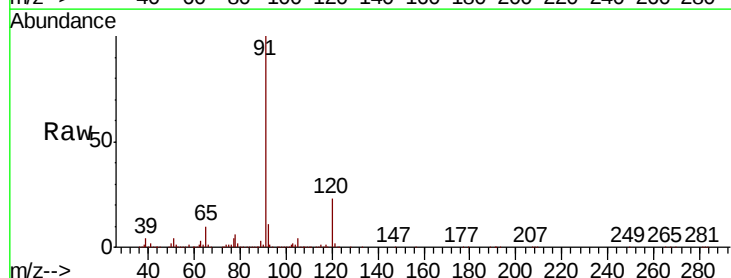
Acq: 27 May 2020 16:13

Tgt Ion: 91 Resp: 2603895

Ion Ratio Lower Upper

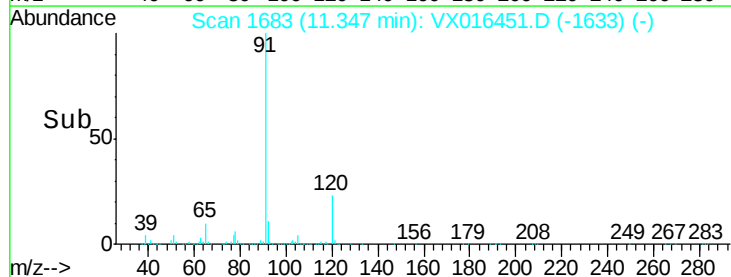
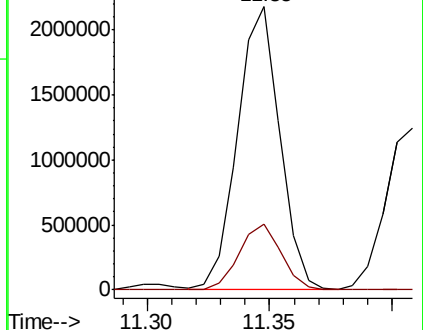
91 100

120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 138.708 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

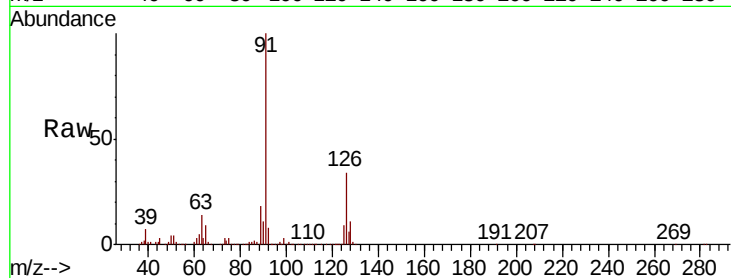
VSTDIC150

Tot Ion: 91 Resp: 1576947

Ion Ratio Lower Upper

91 100

126 33.3 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

2500000

2000000

1500000

1000000

500000

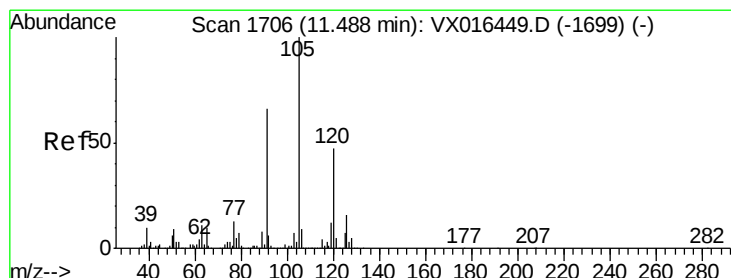
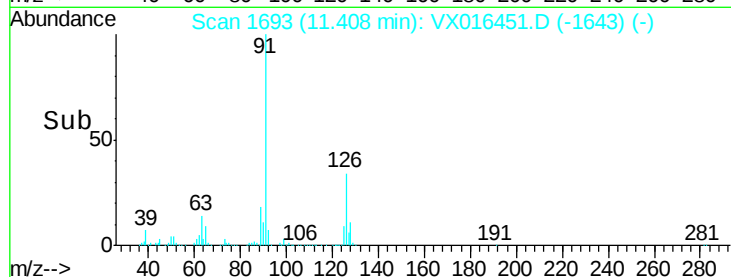
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 140.528 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016451.D

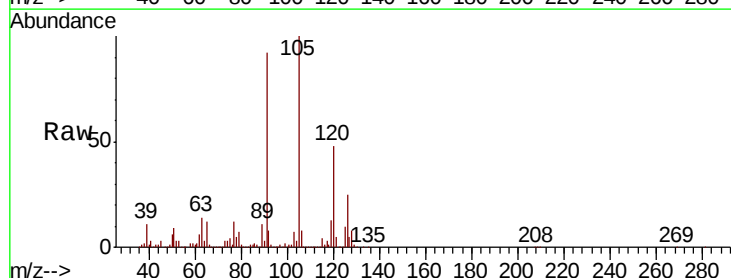
Acq: 27 May 2020 16:13

Tgt Ion:105 Resp: 1961622

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

1500000

1000000

500000

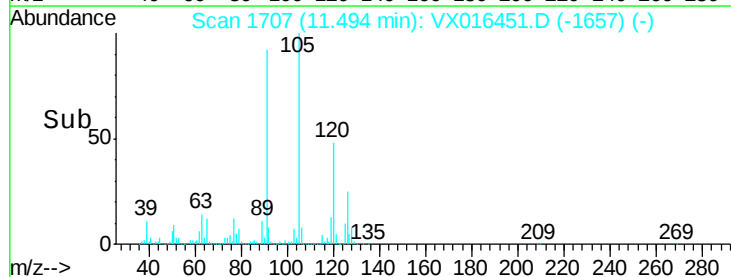
0

11.45

11.50

11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 146.539 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

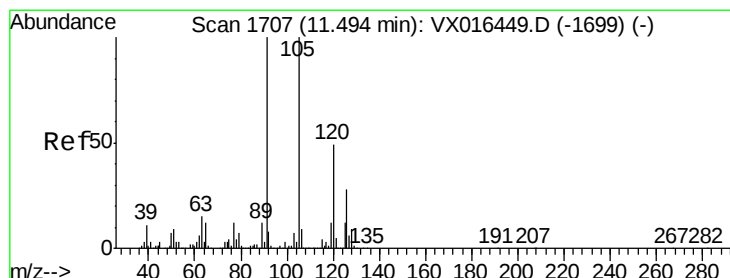
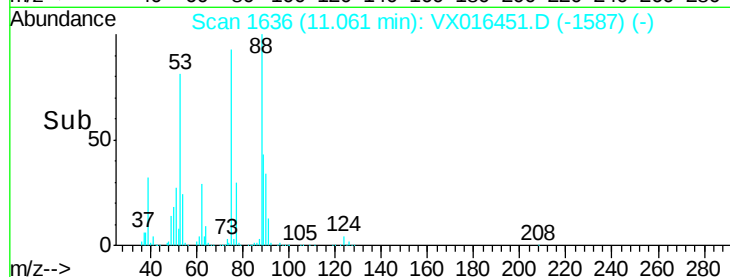
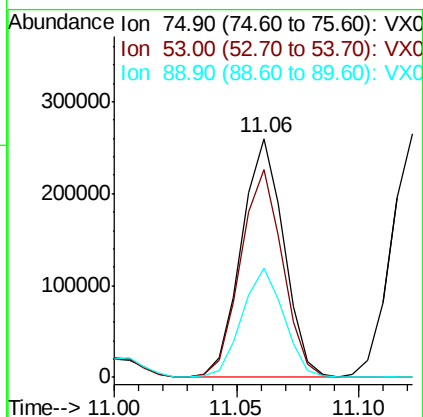
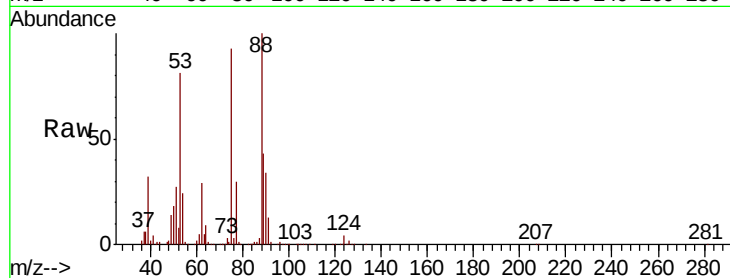
Tot Ion: 75 Resp: 313405

Ion Ratio Lower Upper

75 100

53 86.7 71.3 106.9

89 45.2 36.6 55.0



#82

4-Chlorotoluene

Concen: 140.308 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016451.D

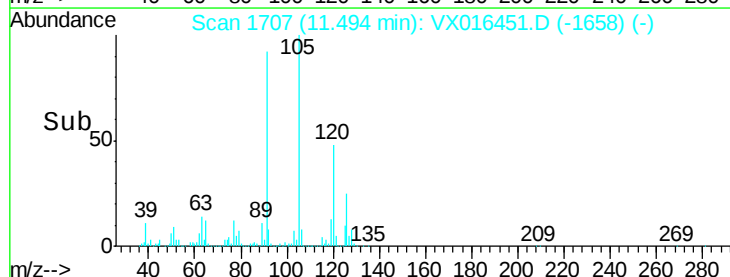
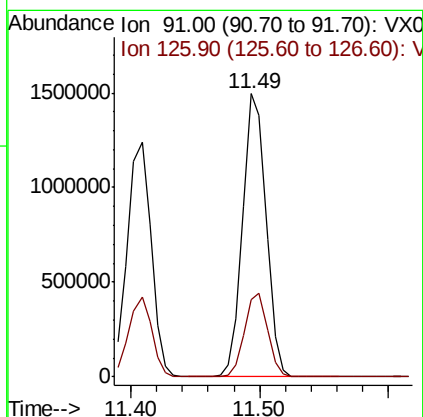
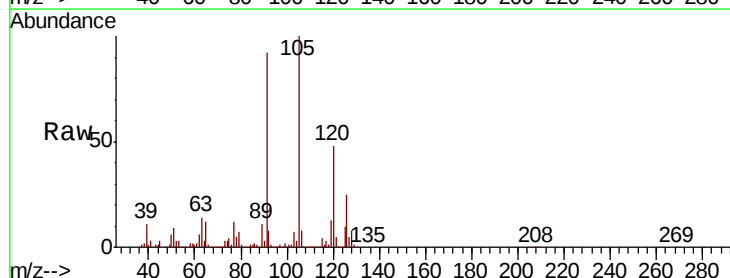
Acq: 27 May 2020 16:13

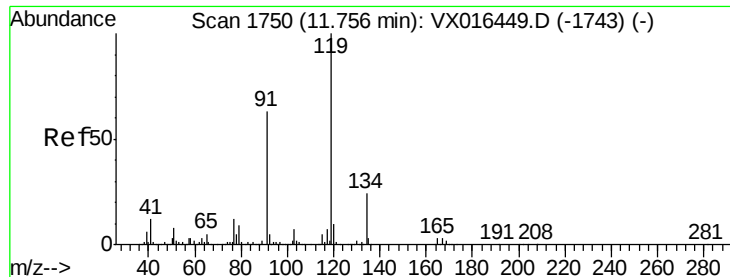
Tgt Ion: 91 Resp: 1882164

Ion Ratio Lower Upper

91 100

126 29.0 14.7 44.1

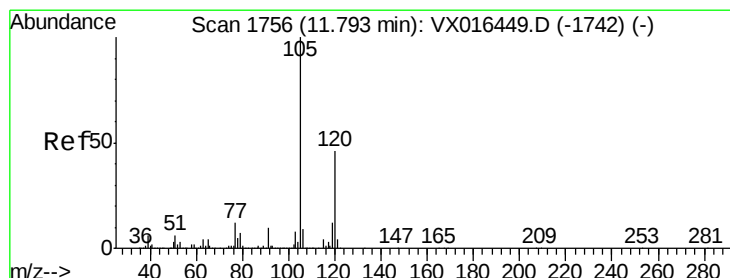
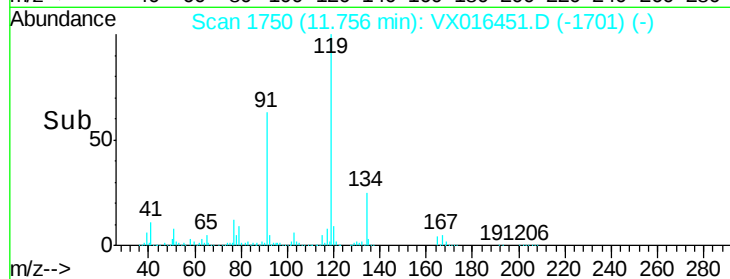
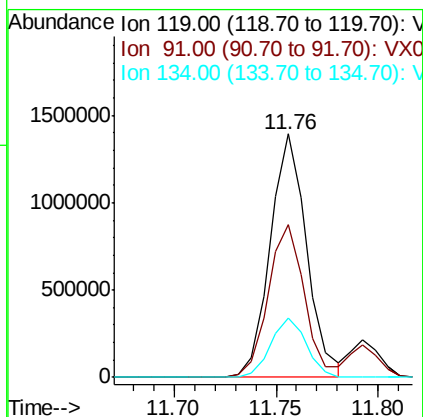
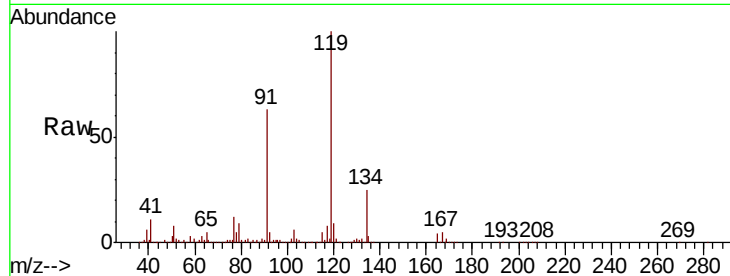




#83
tert-Butylbenzene
Concen: 144.325 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

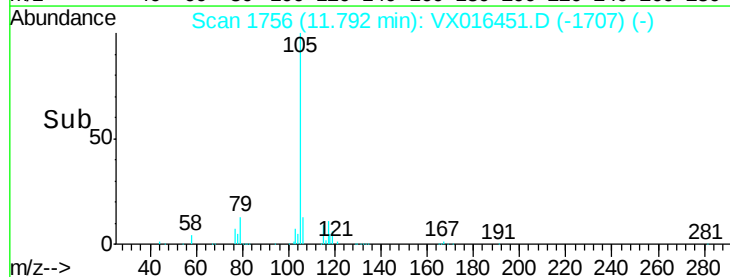
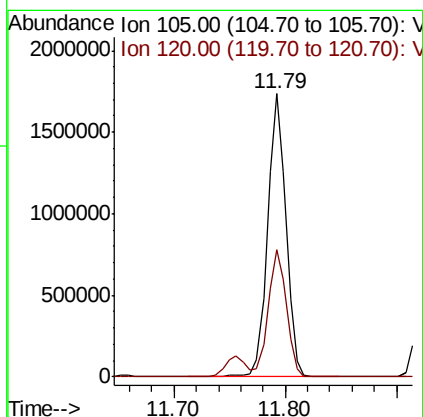
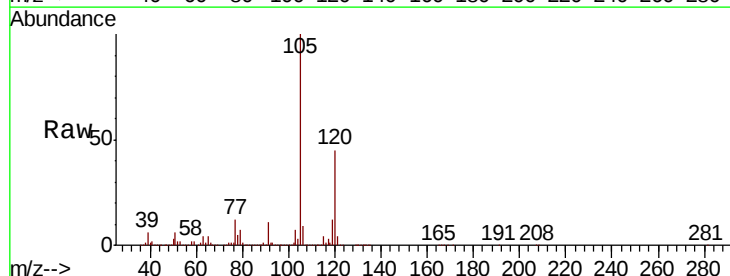
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 1737656
Ion Ratio Lower Upper
119 100
91 62.7 31.3 93.8
134 23.8 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 141.682 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Tgt Ion:105 Resp: 1999541
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.7

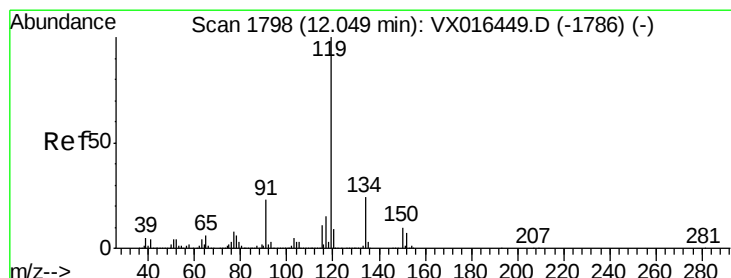
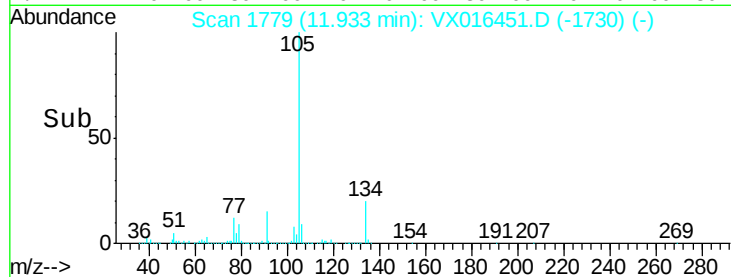
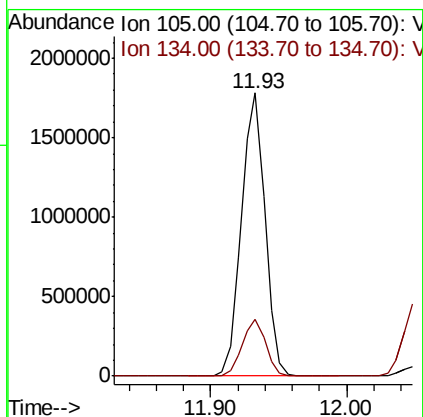
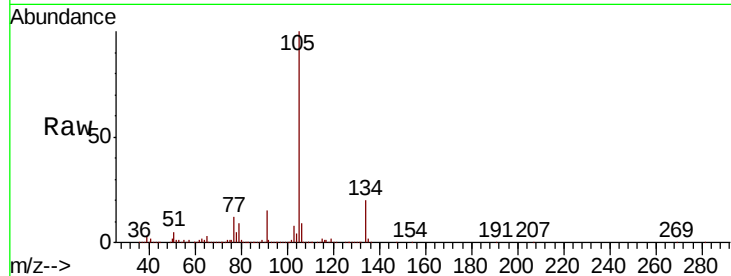




#85
 sec-Butylbenzene
 Concen: 134.226 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

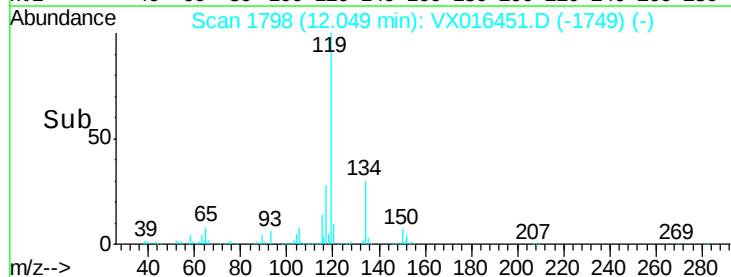
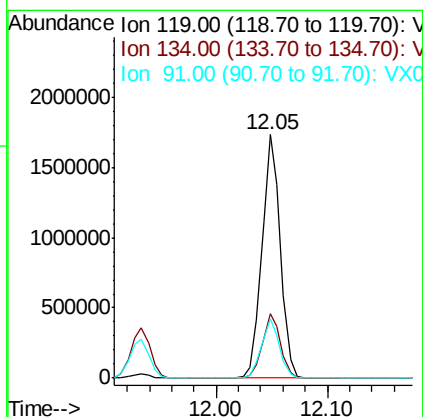
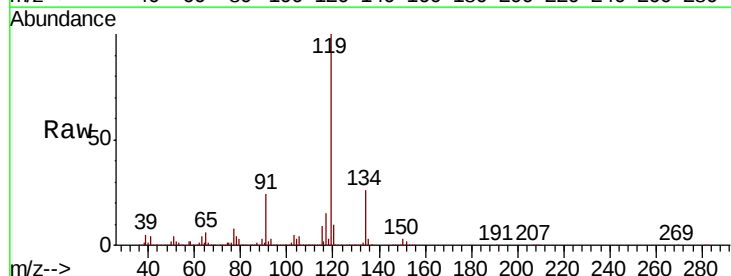
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

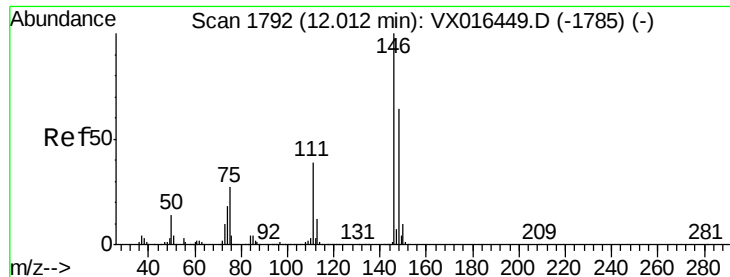
Tot Ion:105 Resp: 2150521
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 134.435 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion:119 Resp: 2003464
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.0
 91 23.7 11.7 35.0

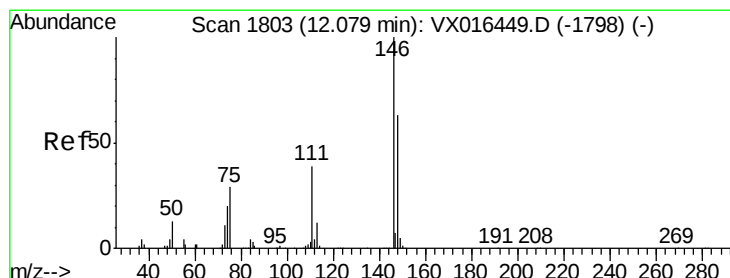
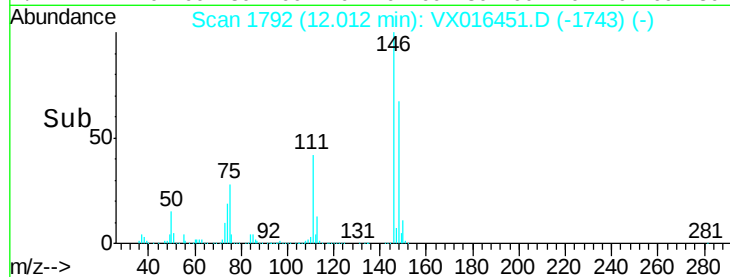
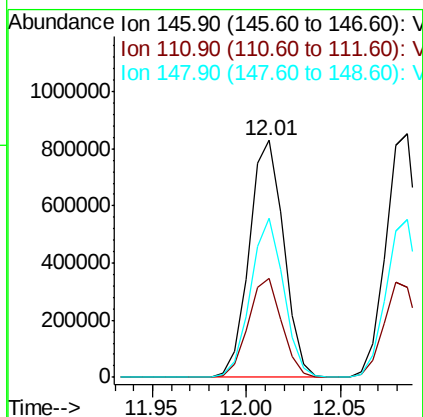
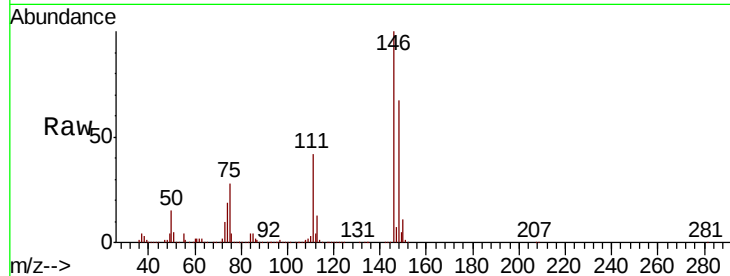




#87
 1,3-Dichlorobenzene
 Concen: 137.443 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

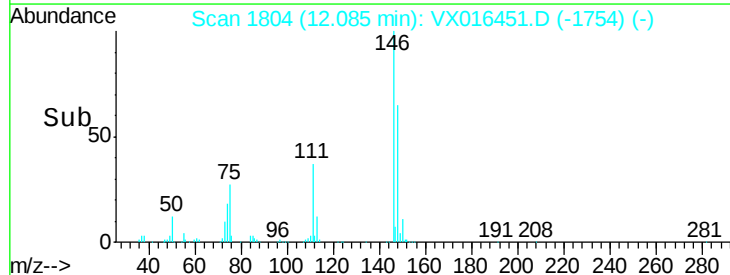
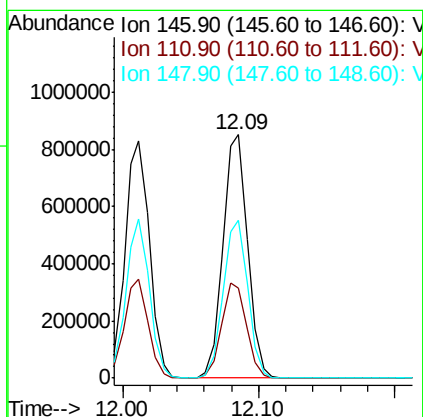
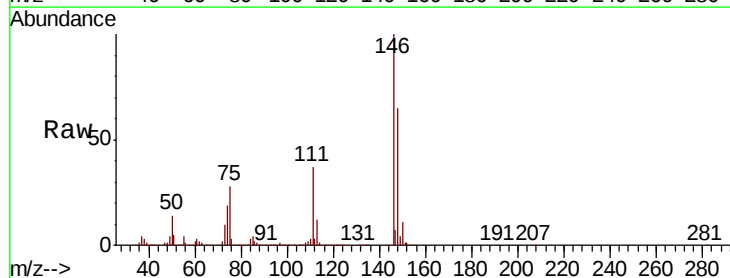
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

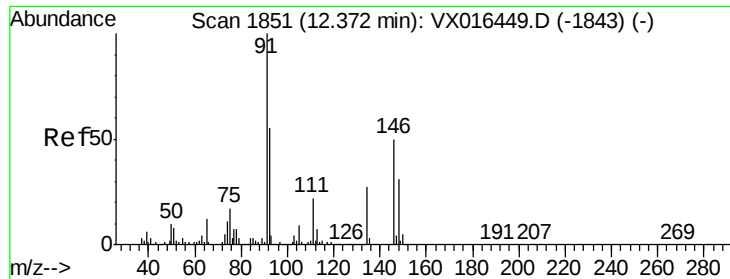
Tot Ion:146 Resp: 1052807
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 60.0
 148 64.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 136.935 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion:146 Resp: 1064654
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.4 58.2
 148 64.8 31.4 94.3

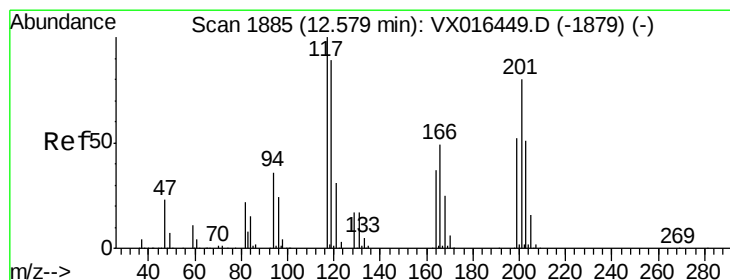
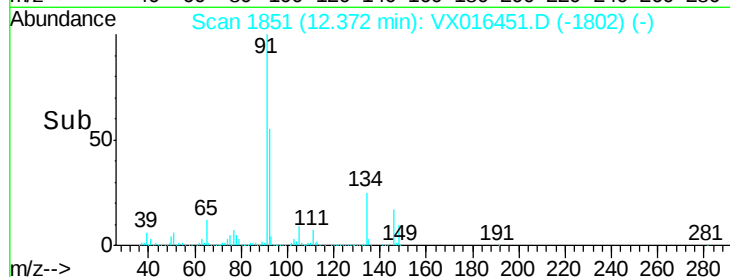
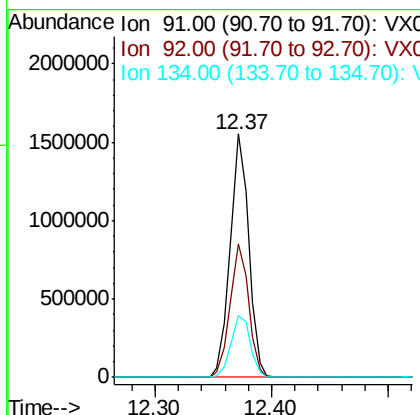
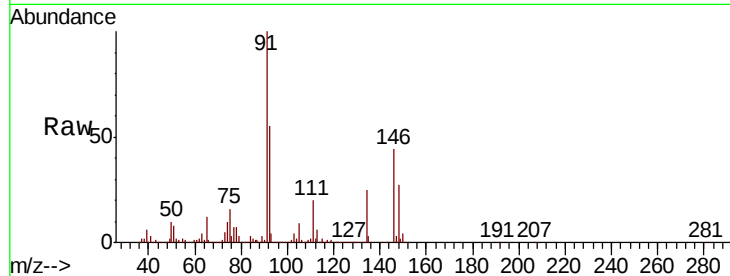




#89
n-Butylbenzene
Concen: 128.301 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

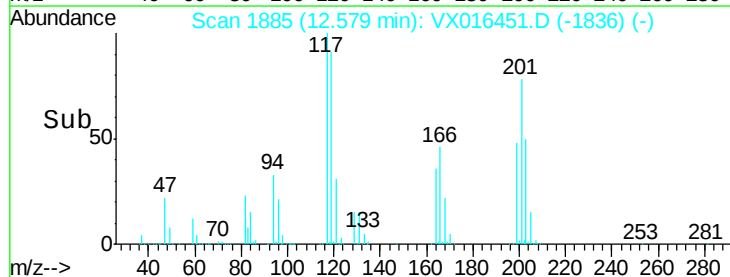
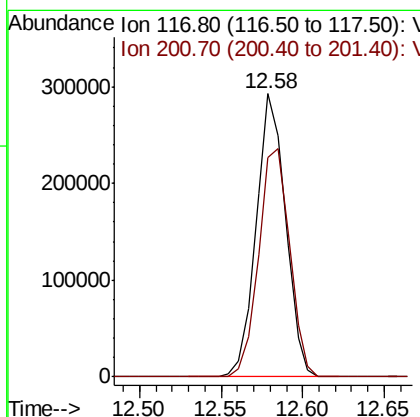
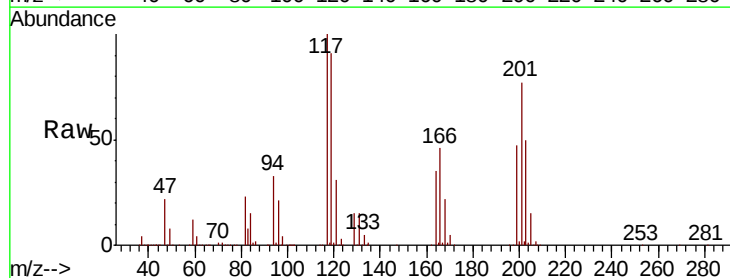
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

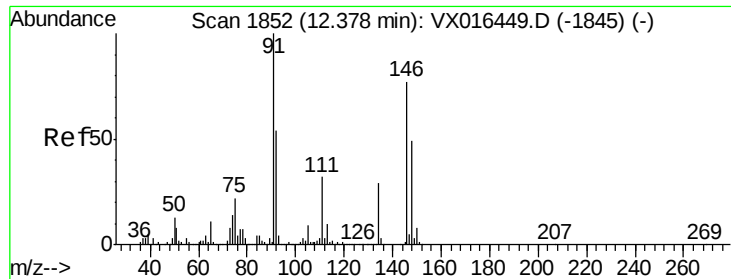
Tot Ion: 91 Resp: 1731158
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 26.6 13.1 39.3



#90
Hexachloroethane
Concen: 144.363 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016451.D
Acq: 27 May 2020 16:13

Tgt Ion: 117 Resp: 368276
Ion Ratio Lower Upper
117 100
201 84.9 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 138.760 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

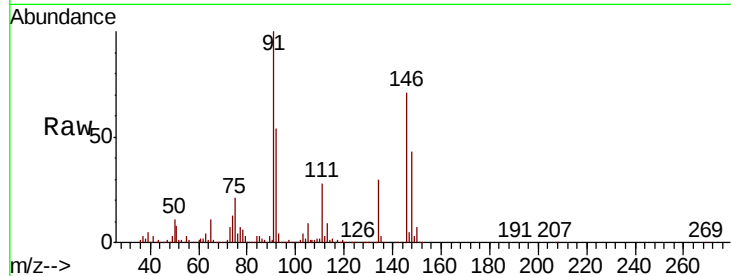
Tot Ion:146 Resp: 1022838

Ion Ratio Lower Upper

146 100

111 41.3 21.4 64.3

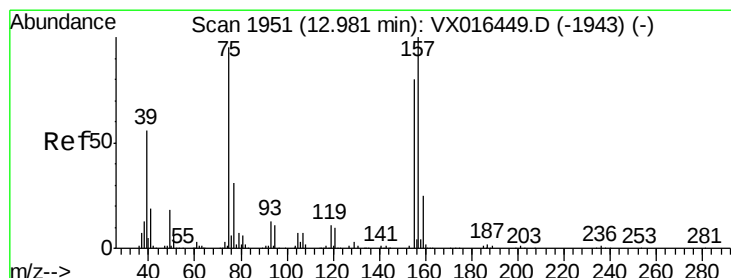
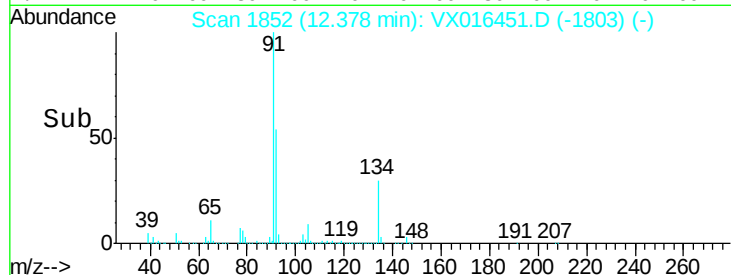
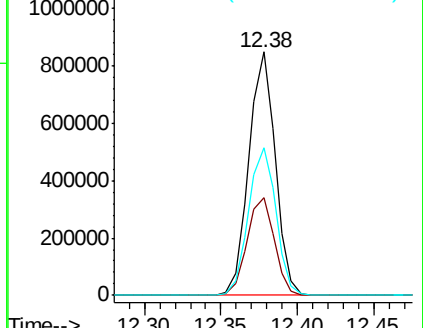
148 62.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 145.301 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

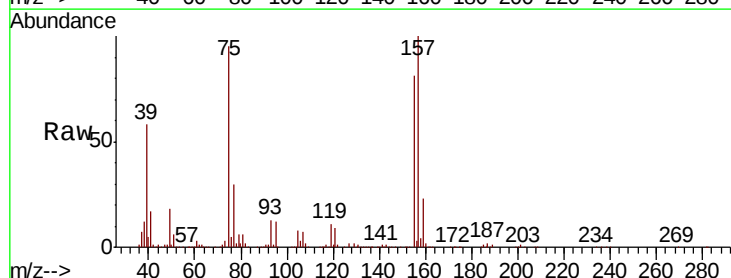
Tgt Ion: 75 Resp: 197546

Ion Ratio Lower Upper

75 100

155 88.3 44.1 132.4

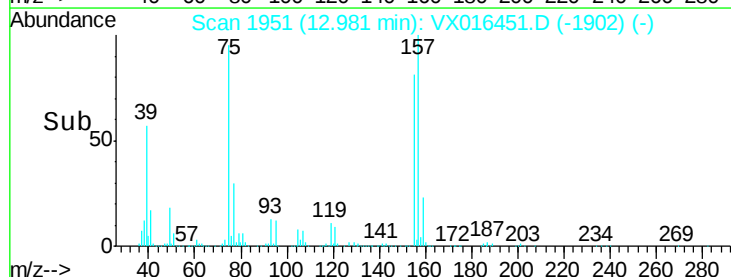
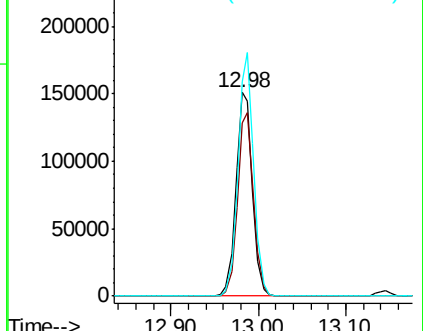
157 113.8 57.8 173.3

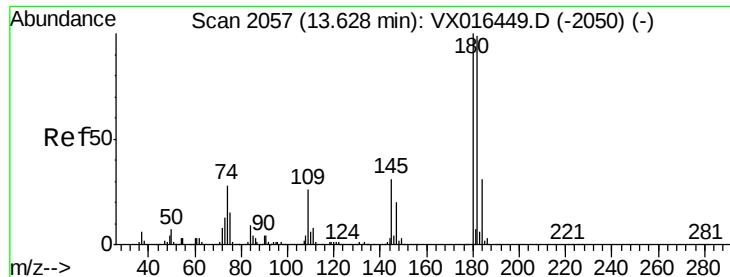


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

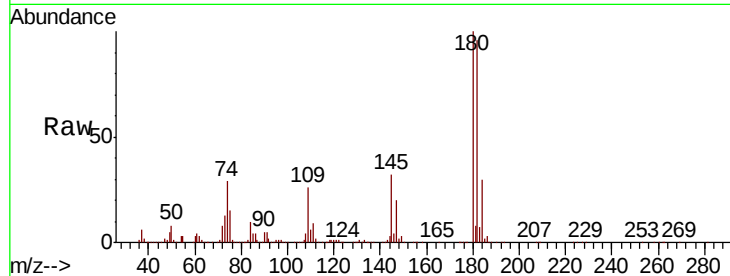




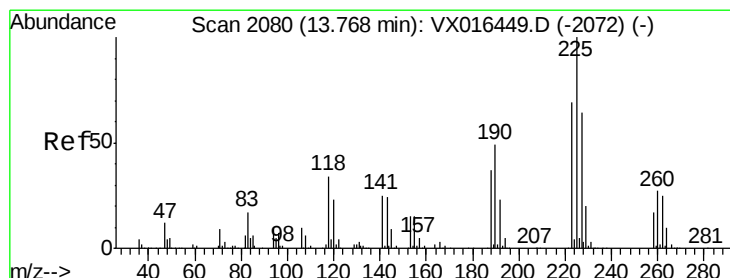
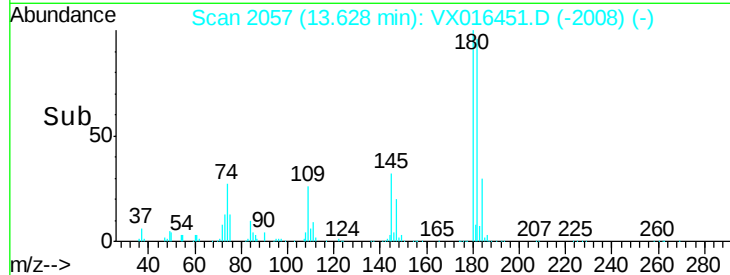
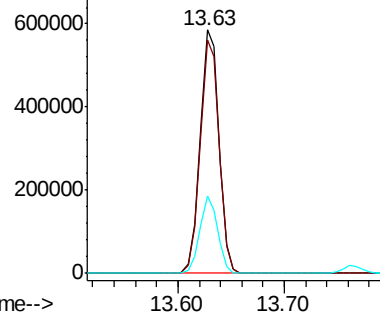
#93
 1,2,4-Trichlorobenzene
 Concen: 133.925 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.3	144.8
145	30.5	15.4	46.2

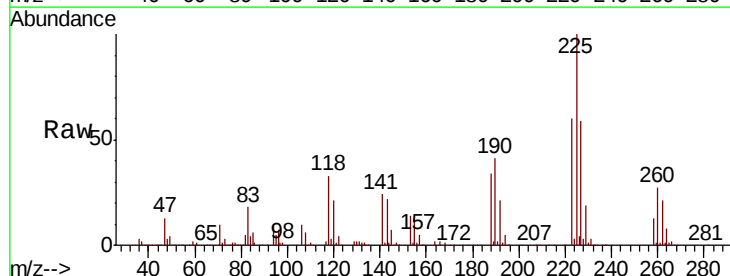


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

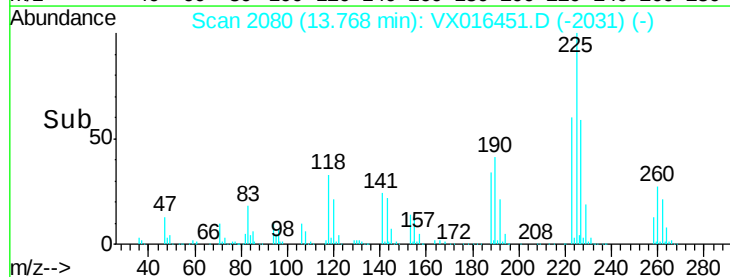
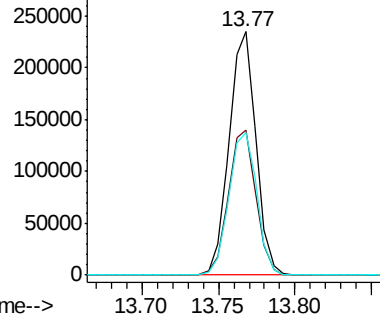


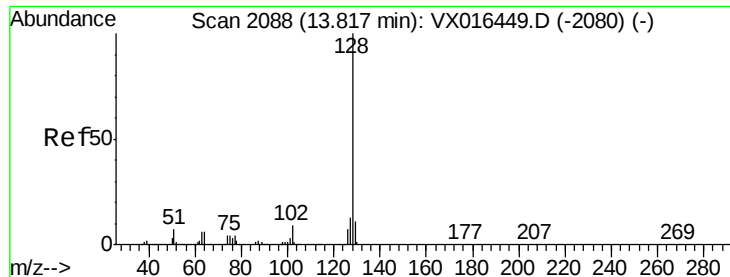
#94
 Hexachlorobutadiene
 Concen: 117.949 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016451.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	32.3	96.8
227	61.1	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 140.292 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

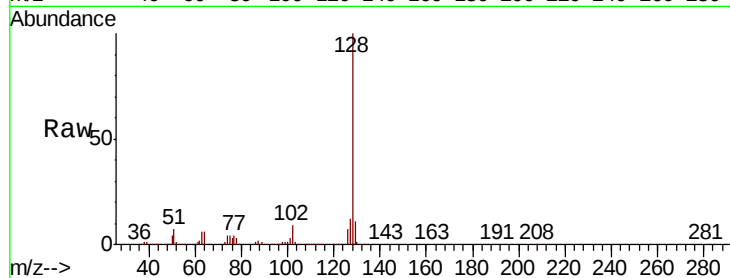
Tot Ion:128 Resp: 2465733

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

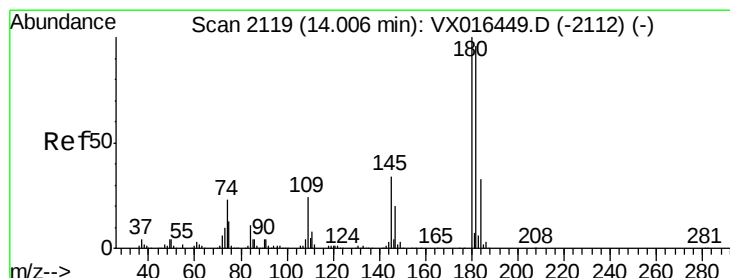
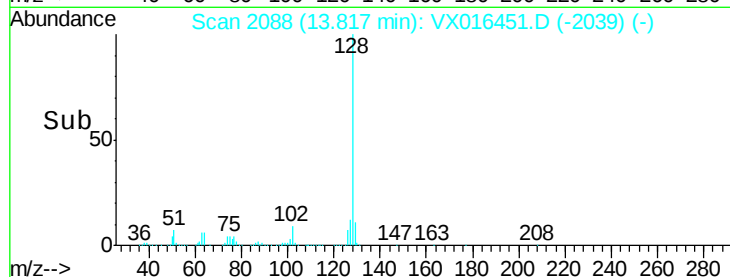
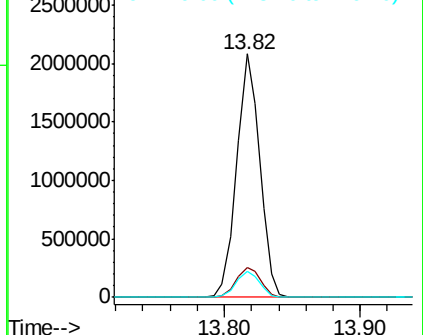
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 130.213 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016451.D

Acq: 27 May 2020 16:13

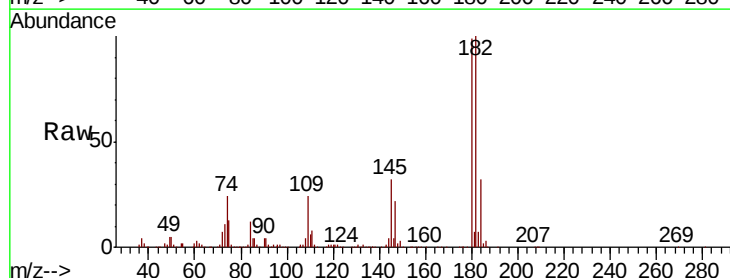
Tgt Ion:180 Resp: 683056

Ion Ratio Lower Upper

180 100

182 95.7 48.6 145.8

145 33.0 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

