

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011263.D
 Acq On : 01 Aug 2019 16:37
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 02 01:28:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	232703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	160231	95.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.38%	
35) Dibromofluoromethane	5.49	113	151249	102.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.68%	
50) Toluene-d8	8.71	98	575461	104.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.06%	
62) 4-Bromofluorobenzene	11.13	95	216934	107.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	115995	81.886	ug/l 99
3) Chloromethane	1.32	50	126573	87.098	ug/l 100
4) Vinyl Chloride	1.40	62	143575	95.786	ug/l 99
5) Bromomethane	1.63	94	99878	110.728	ug/l 98
6) Chloroethane	1.70	64	96769	100.024	ug/l 99
7) Trichlorofluoromethane	1.92	101	258236	100.058	ug/l 98
8) Diethyl Ether	2.18	74	90362	101.350	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135052	92.517	ug/l 99
10) Methyl Iodide	2.50	142	200209	104.851	ug/l 100
11) Tert butyl alcohol	3.05	59	156007	400.587	ug/l 100
12) 1,1-Dichloroethene	2.36	96	135210	94.683	ug/l 96
13) Acrolein	2.29	56	97781	435.005	ug/l 99
14) Allyl chloride	2.71	41	198021	95.595	ug/l 99
15) Acrylonitrile	3.14	53	377854	469.453	ug/l 99
16) Acetone	2.44	43	350715	455.171	ug/l 100
17) Carbon Disulfide	2.56	76	345353	95.076	ug/l 99
18) Methyl Acetate	2.76	43	166099	93.616	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	422463	92.025	ug/l 99
20) Methylene Chloride	2.85	84	151616	92.373	ug/l 94
21) trans-1,2-Dichloroethene	3.15	96	146136	95.658	ug/l 95
22) Diisopropyl ether	3.85	45	413545	94.466	ug/l 100
23) Vinyl Acetate	3.81	43	1865152	502.595	ug/l 99
24) 1,1-Dichloroethane	3.69	63	239773	93.909	ug/l 99
25) 2-Butanone	4.67	43	538205	485.263	ug/l 100
26) 2,2-Dichloropropane	4.57	77	199062	95.645	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	170567	96.664	ug/l 97
28) Bromochloromethane	5.01	49	109069	91.656	ug/l 99
29) Tetrahydrofuran	5.12	42	329477	469.759	ug/l 100
30) Chloroform	5.20	83	260677	94.382	ug/l 99
31) Cyclohexane	5.57	56	198335	86.644	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	233659	98.093	ug/l 100
36) 1,1-Dichloropropene	5.79	75	190206	98.416	ug/l 99
37) Ethyl Acetate	4.82	43	199513	101.744	ug/l 99
38) Carbon Tetrachloride	5.78	117	207163	103.050	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224480	90.969	ug/l	100
40) Benzene	6.13	78	590475	99.749	ug/l	99
41) Methacrylonitrile	5.04	41	109949	97.675	ug/l	99
42) 1,2-Dichloroethane	6.18	62	198012	96.676	ug/l	99
43) Isopropyl Acetate	6.44	43	326241	100.950	ug/l	100
44) Trichloroethene	7.21	130	172989	98.588	ug/l	97
45) 1,2-Dichloropropane	7.51	63	147300	97.786	ug/l	96
46) Dibromomethane	7.66	93	108584	100.949	ug/l	99
47) Bromodichloromethane	7.90	83	204192	107.021	ug/l	99
48) Methyl methacrylate	7.77	41	158885	101.068	ug/l	99
49) 1,4-Dioxane	7.74	88	82348	1862.414	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1082761	515.124	ug/l	99
52) Toluene	8.78	92	393502	101.111	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	226591	110.733	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	246928	108.217	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	162619	101.457	ug/l	98
56) Ethyl methacrylate	9.18	69	251609	108.133	ug/l	99
57) 1,3-Dichloropropane	9.37	76	255231	100.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	593533	532.292	ug/l	100
59) 2-Hexanone	9.49	43	834632	511.954	ug/l	99
60) Dibromochloromethane	9.58	129	187462	115.879	ug/l	98
61) 1,2-Dibromoethane	9.67	107	179308	105.356	ug/l	99
64) Tetrachloroethene	9.34	164	165484	93.110	ug/l	97
65) Chlorobenzene	10.13	112	449898	97.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	168723	104.114	ug/l	100
67) Ethyl Benzene	10.25	91	780285	99.385	ug/l	99
68) m/p-Xylenes	10.36	106	610625	201.720	ug/l	100
69) o-Xylene	10.69	106	294909	100.152	ug/l	100
70) Styrene	10.71	104	513582	104.473	ug/l	99
71) Bromoform	10.85	173	146338	113.212	ug/l	100
73) Isopropylbenzene	11.02	105	802663	99.434	ug/l	100
74) N-amyl acetate	10.90	43	308949	100.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	253782	96.006	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	283987	131.844	ug/l	84
77) Bromobenzene	11.26	156	217179	97.472	ug/l	98
78) n-propylbenzene	11.36	91	909685	102.101	ug/l	99
79) 2-Chlorotoluene	11.42	91	518986	97.208	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	677430	100.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	82609	106.327	ug/l	97
82) 4-Chlorotoluene	11.51	91	618342	99.350	ug/l	99
83) tert-Butylbenzene	11.77	119	660192	99.769	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	680480	100.150	ug/l	100
85) sec-Butylbenzene	11.94	105	790422	101.785	ug/l	99
86) p-Isopropyltoluene	12.06	119	741177	103.144	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	379742	97.930	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	385770	97.080	ug/l	99
89) n-Butylbenzene	12.38	91	647829	105.396	ug/l	99
90) Hexachloroethane	12.60	117	120518	106.809	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	372230	96.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54687	99.902	ug/l	97

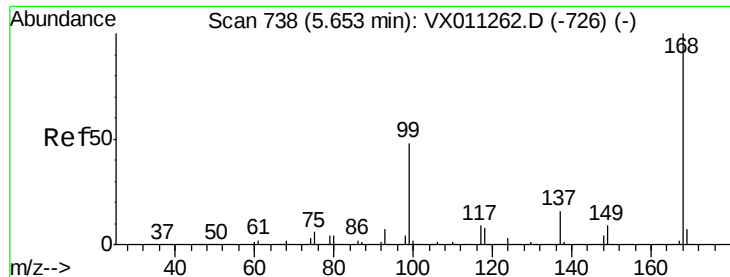
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262360	100.920	ug/l	100
94) Hexachlorobutadiene	13.78	225	129522	100.167	ug/l	98
95) Naphthalene	13.83	128	814726	106.037	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	267060	103.030	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

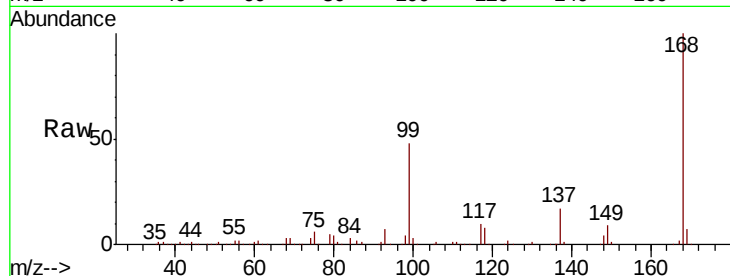
VSTDIC100

Tot Ion:168 Resp: 160262

Ion Ratio Lower Upper

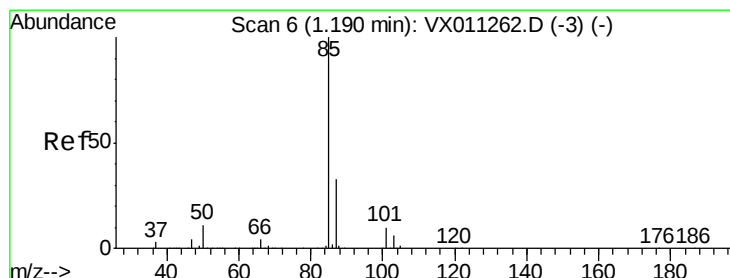
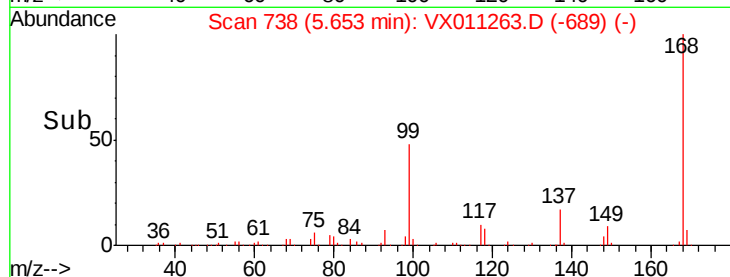
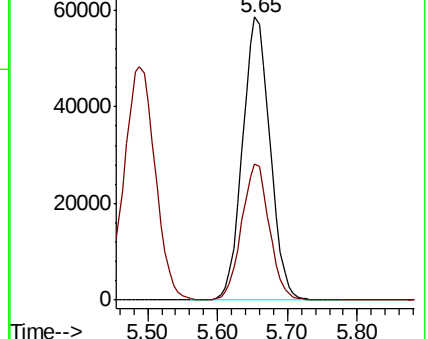
168 100

99 48.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 81.886 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011263.D

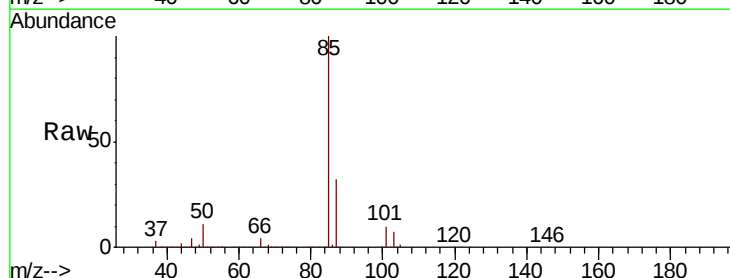
Acq: 01 Aug 2019 16:37

Tgt Ion: 85 Resp: 115995

Ion Ratio Lower Upper

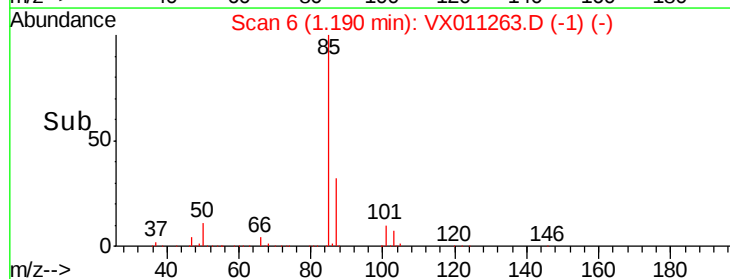
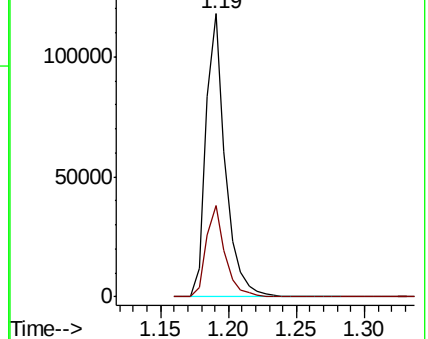
85 100

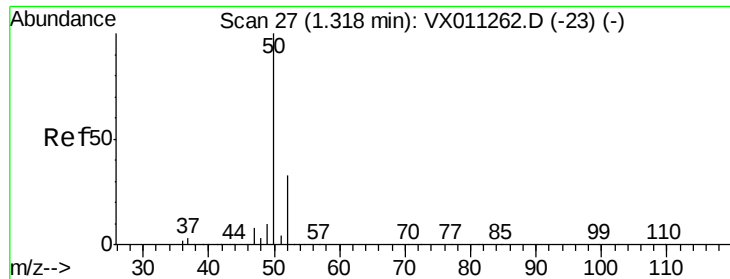
87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 87.098 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

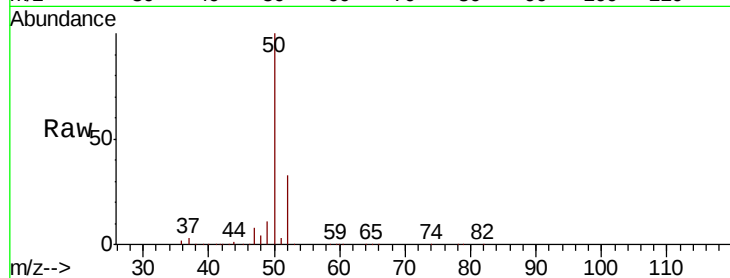
VSTDIC100

Tot Ion: 50 Resp: 126573

Ion Ratio Lower Upper

50 100

52 32.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

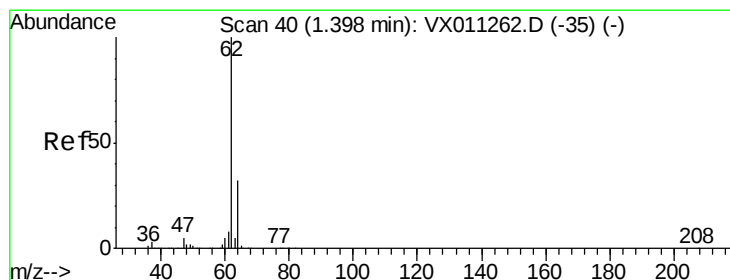
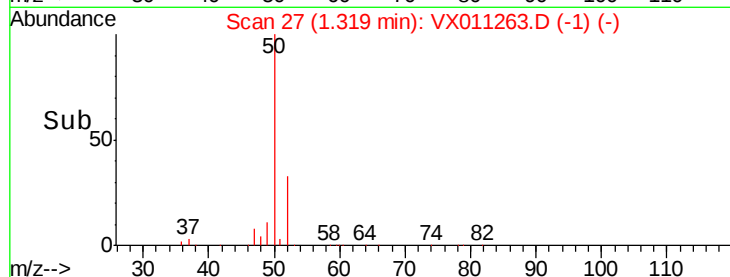
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 95.786 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011263.D

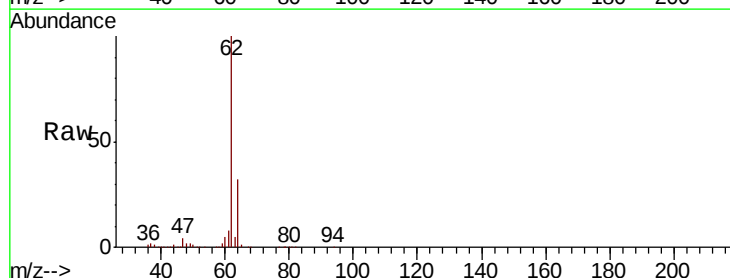
Acq: 01 Aug 2019 16:37

Tgt Ion: 62 Resp: 143575

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

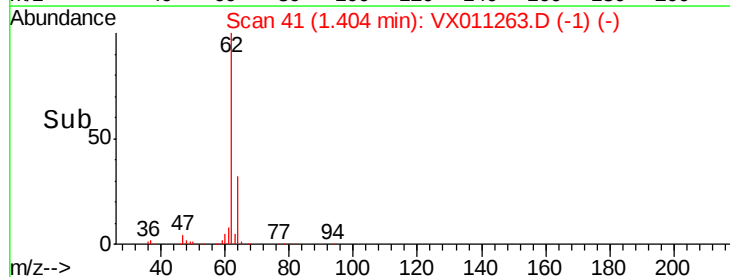
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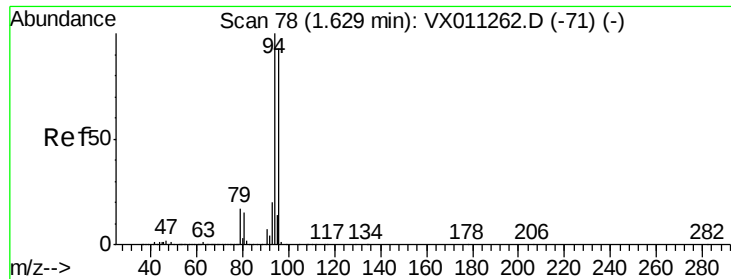
100000

50000

0

Time--> 1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 110.728 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

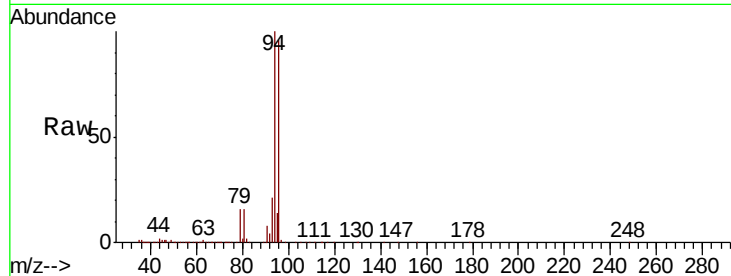
VSTDIC100

Tot Ion: 94 Resp: 99878

Ion Ratio Lower Upper

94 100

96 95.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

120000

100000

80000

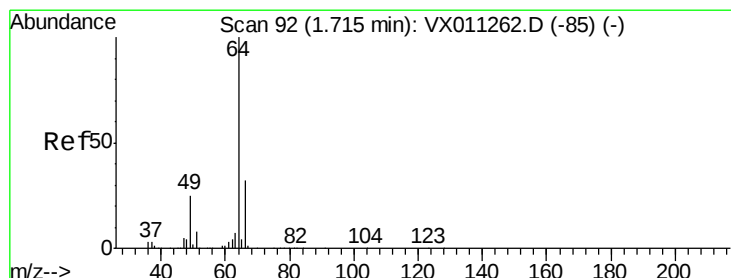
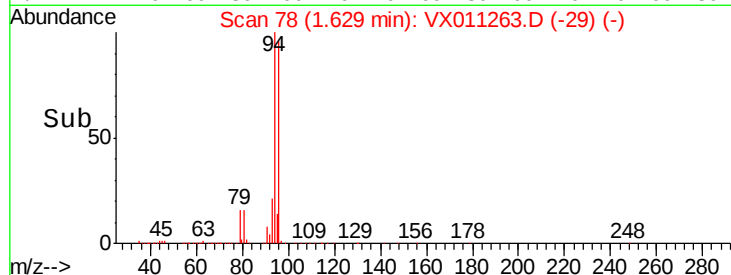
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 100.024 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX011263.D

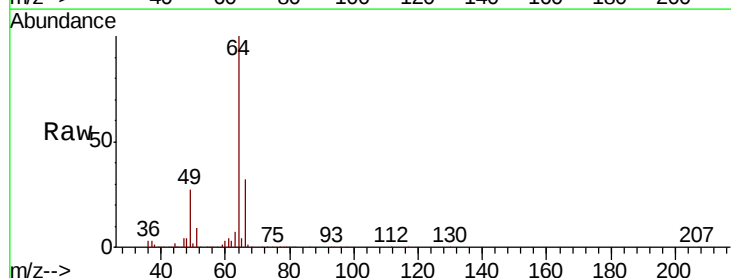
Acq: 01 Aug 2019 16:37

Tgt Ion: 64 Resp: 96769

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

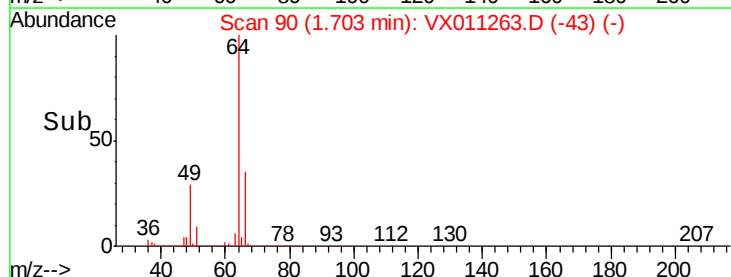
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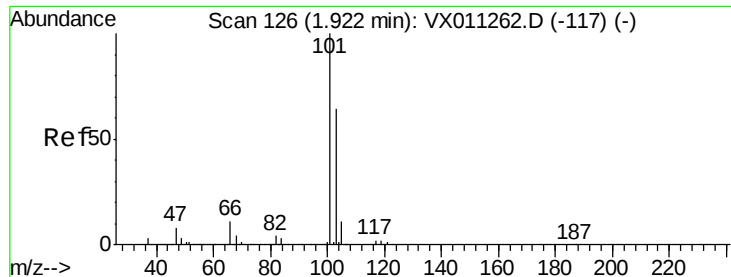
40000

20000

0

Time-->



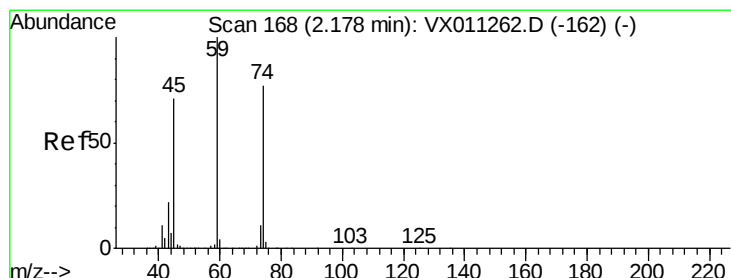
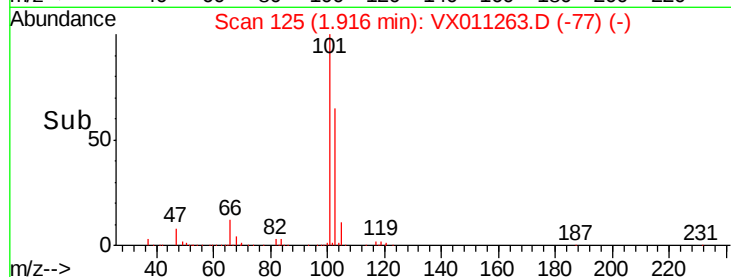
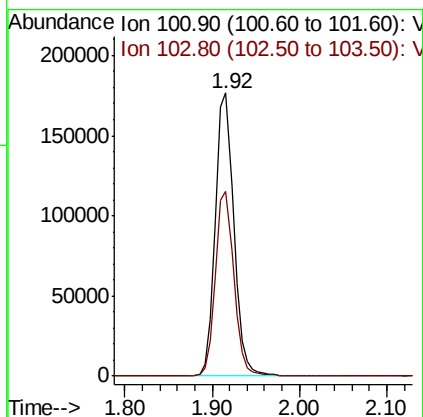
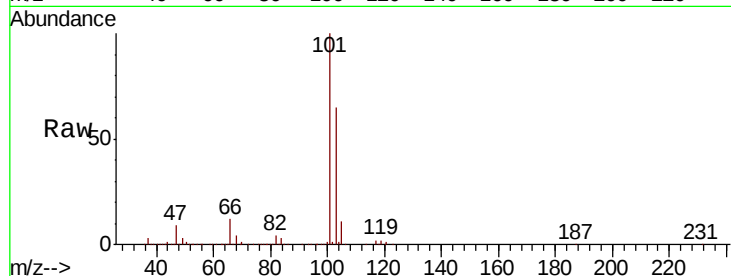


#7

Trichlorofluoromethane
Concen: 100.058 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

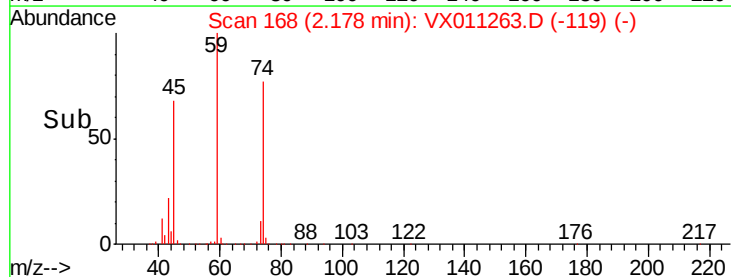
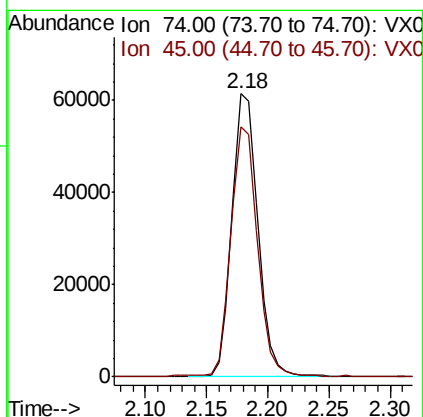
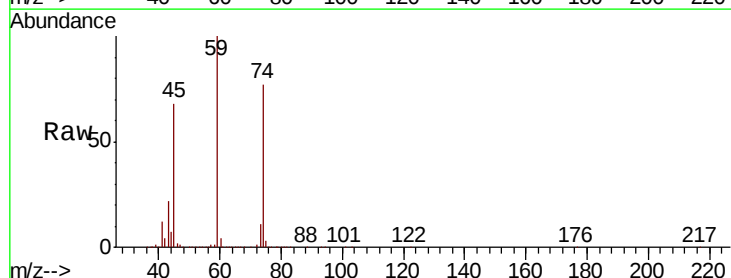
Tot Ion:101 Resp: 258236
Ion Ratio Lower Upper
101 100
103 65.4 50.9 76.3

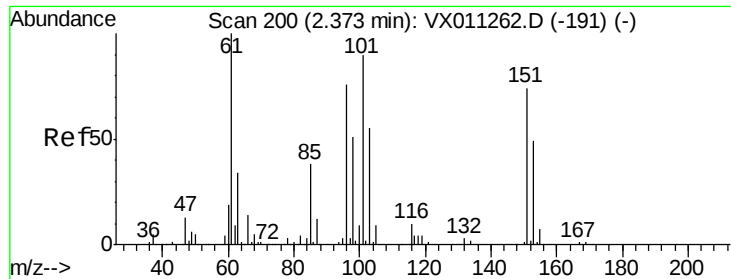


#8

Diethyl Ether
Concen: 101.350 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 74 Resp: 90362
Ion Ratio Lower Upper
74 100
45 89.6 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.517 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

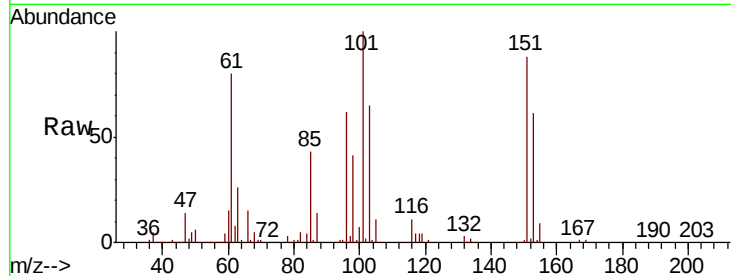
Tot Ion:101 Resp: 135052

Ion Ratio Lower Upper

101 100

85 42.7 33.8 50.6

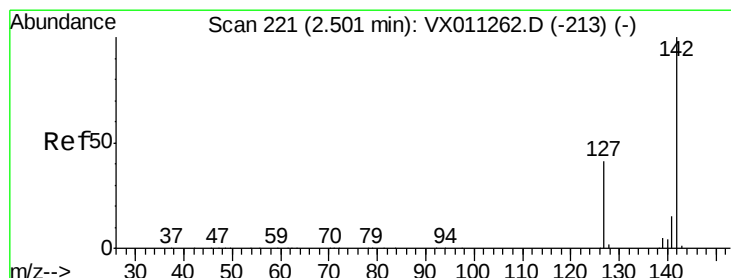
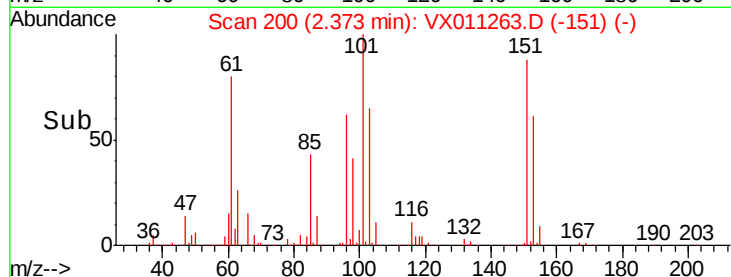
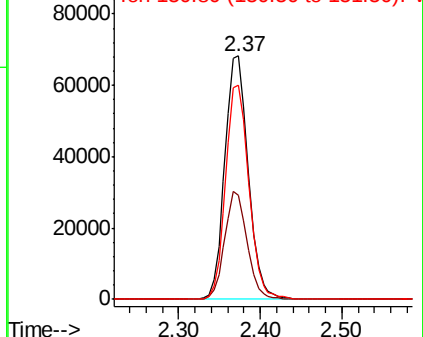
151 87.4 69.5 104.3



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: 104.851 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

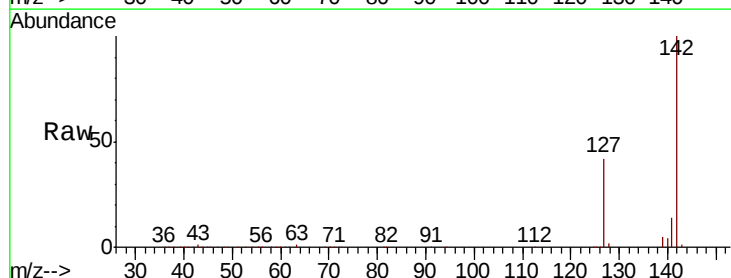
Tgt Ion:142 Resp: 200209

Ion Ratio Lower Upper

142 100

127 42.1 33.8 50.8

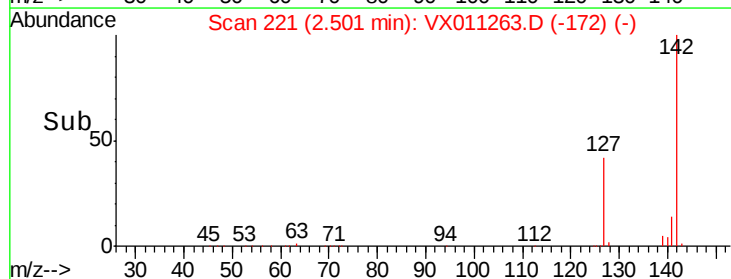
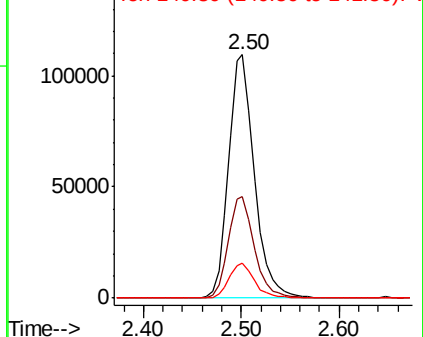
141 14.2 11.4 17.2

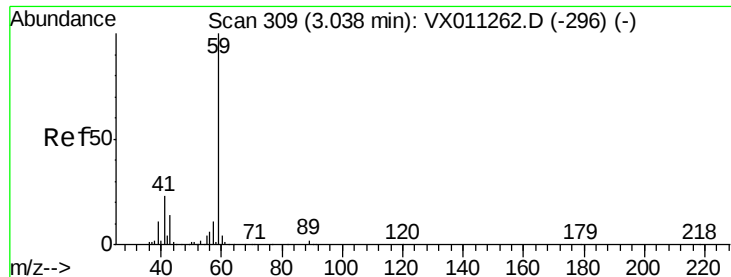


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



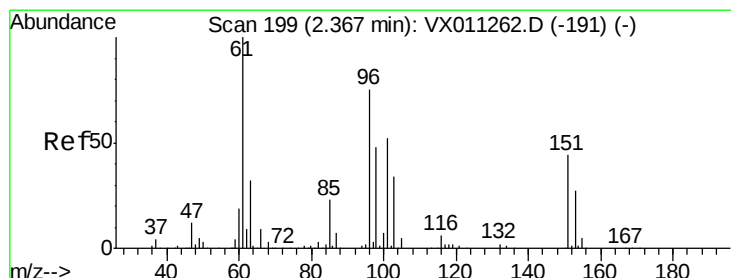
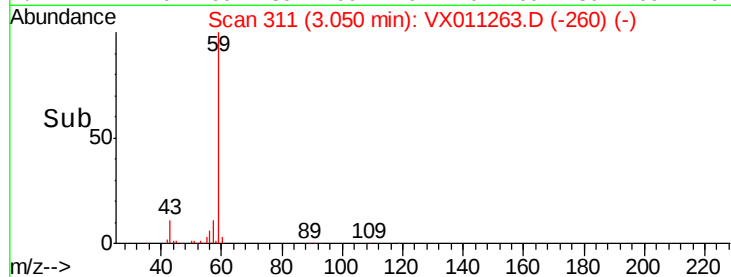
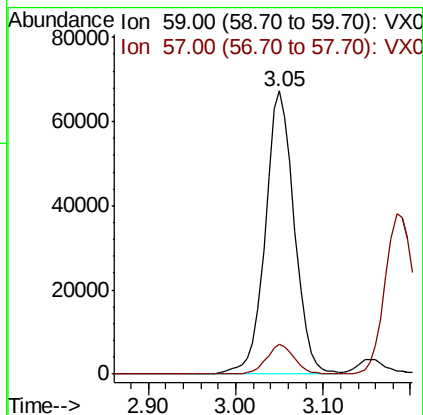
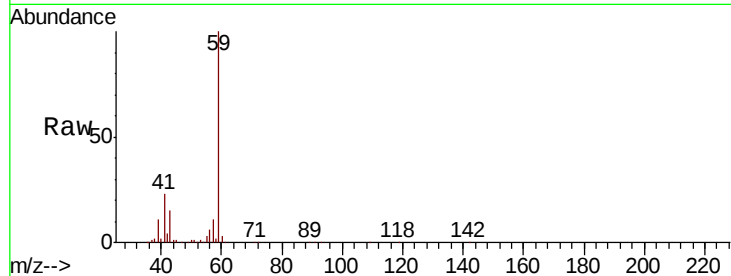


#11

Tert butyl alcohol
Concen: 400.587 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

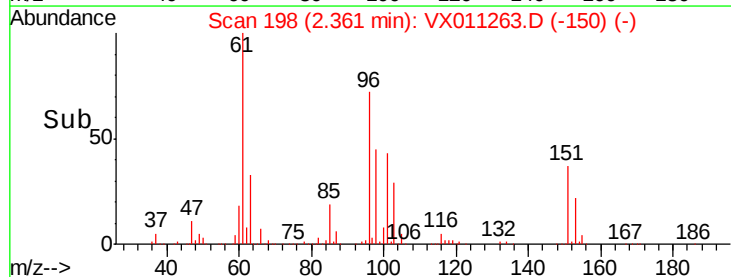
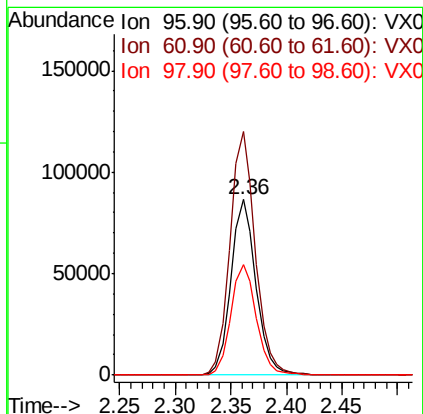
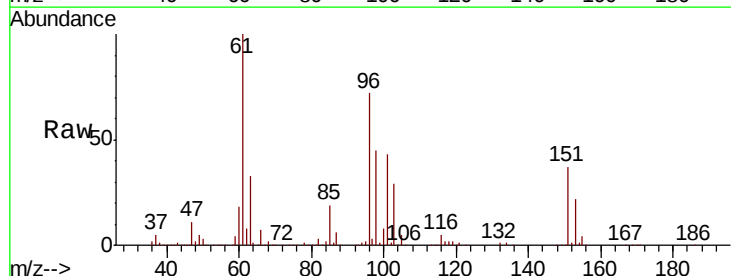
Tot Ion: 59 Resp: 156007
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

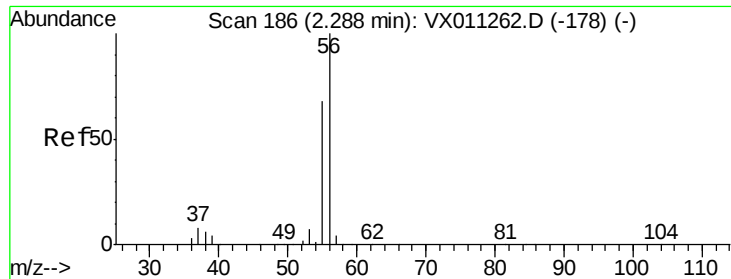


#12

1,1-Dichloroethene
Concen: 94.683 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 96 Resp: 135210
Ion Ratio Lower Upper
96 100
61 138.8 106.2 159.2
98 62.7 50.6 75.8

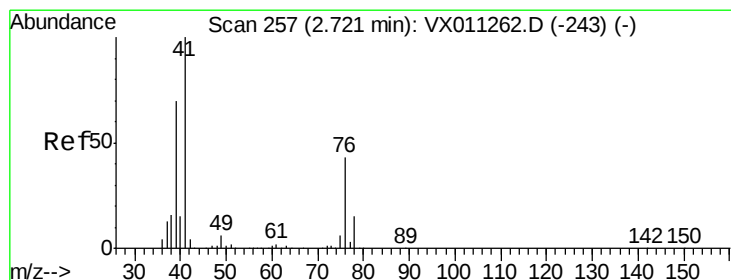
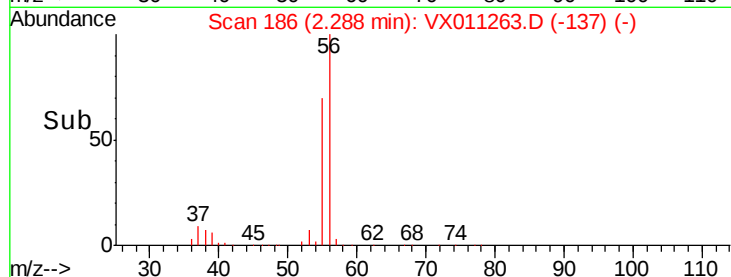
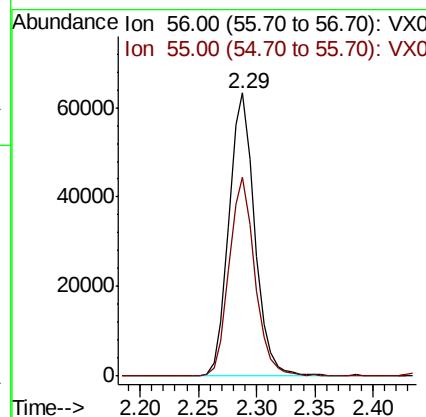
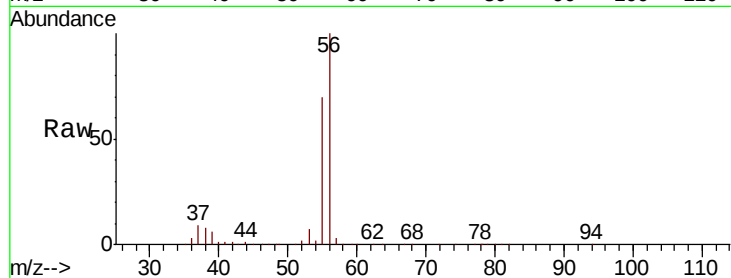




#13
Acrolein
Concen: 435.005 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

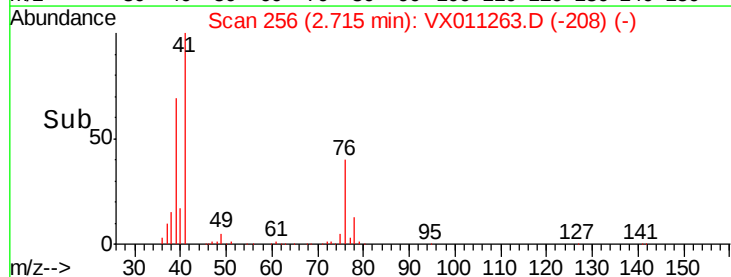
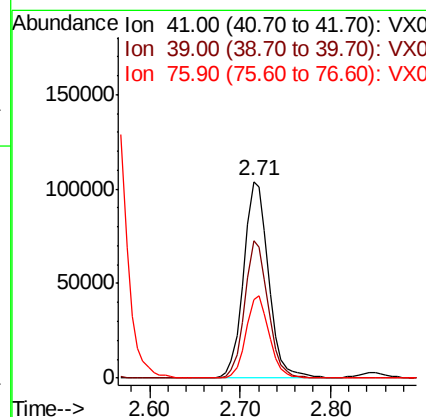
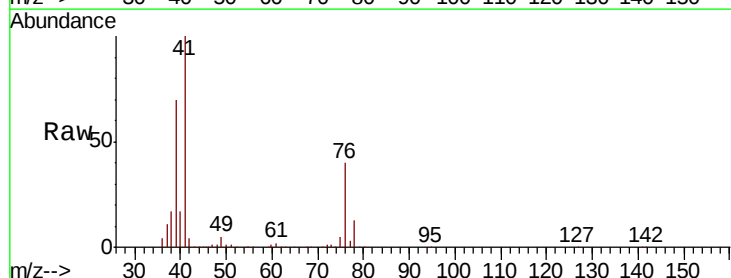
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 56 Resp: 97781
Ion Ratio Lower Upper
56 100
55 69.6 56.0 84.0



#14
Allyl chloride
Concen: 95.595 ug/l
RT: 2.71 min Scan# 256
Delta R.T. -0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 41 Resp: 198021
Ion Ratio Lower Upper
41 100
39 65.1 52.8 79.2
76 38.9 31.1 46.7





#15

Acrylonitrile

Concen: 469.453 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

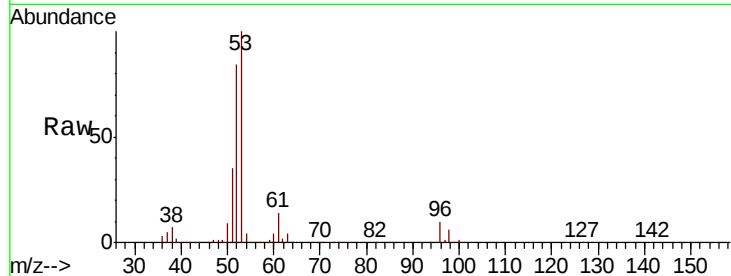
Tot Ion: 53 Resp: 377854

Ion Ratio Lower Upper

53 100

52 82.8 65.5 98.3

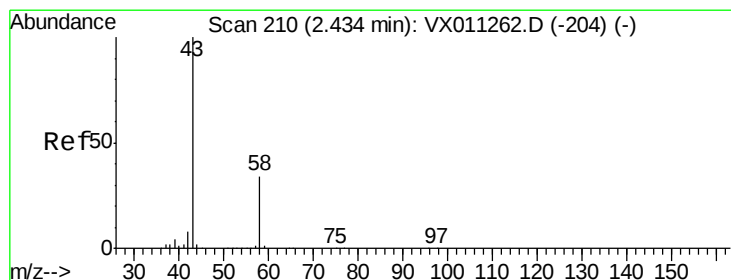
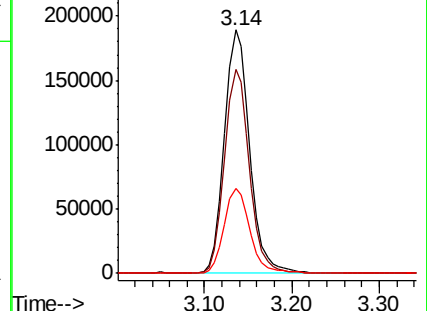
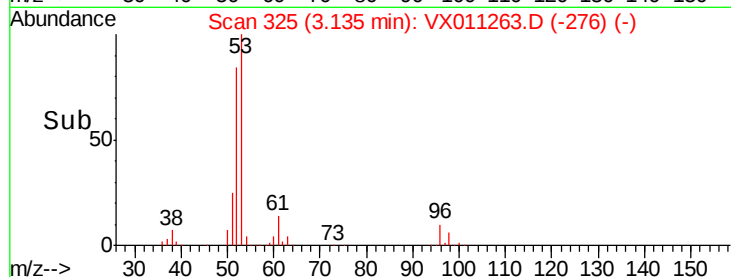
51 35.8 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 455.171 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011263.D

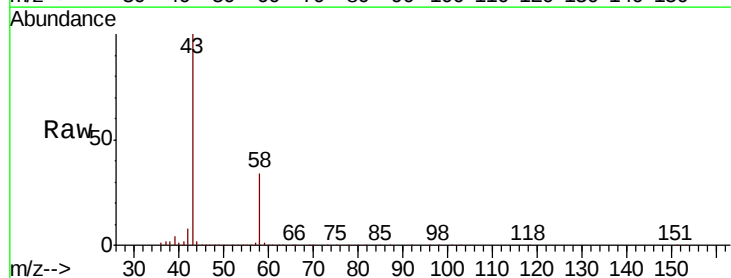
Acq: 01 Aug 2019 16:37

Tgt Ion: 43 Resp: 350715

Ion Ratio Lower Upper

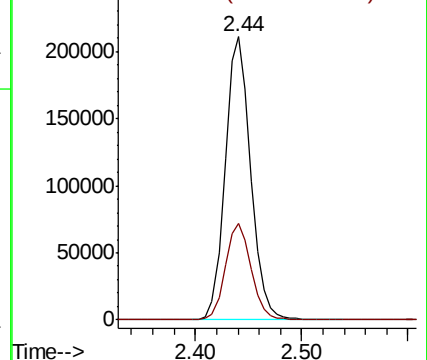
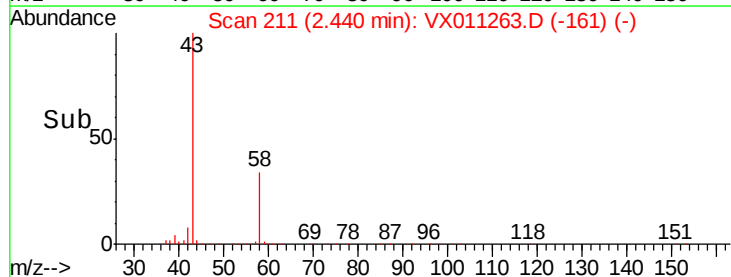
43 100

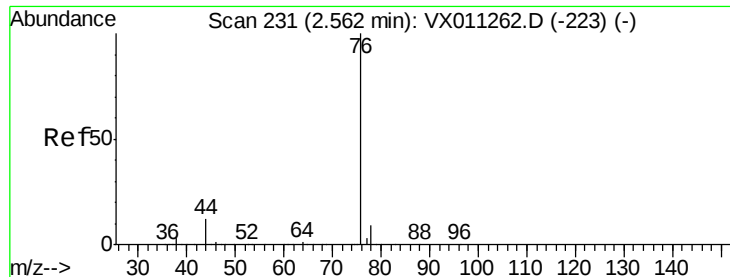
58 34.1 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

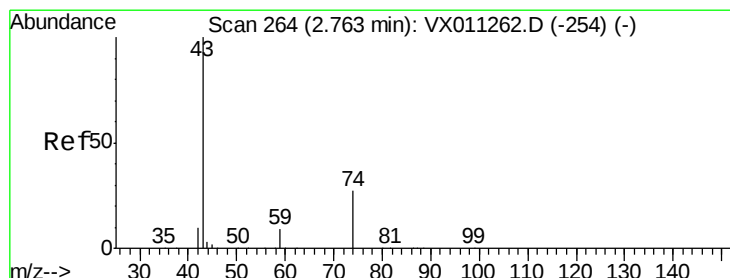
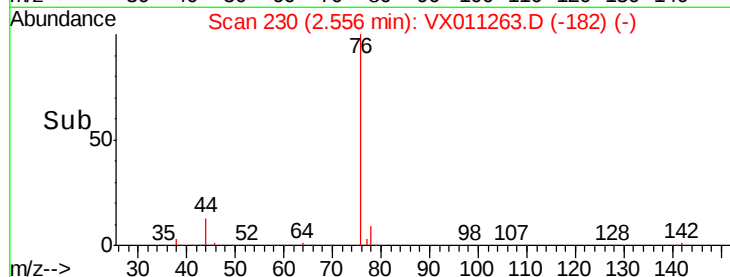
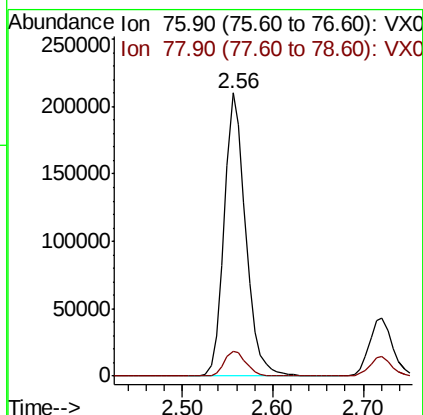
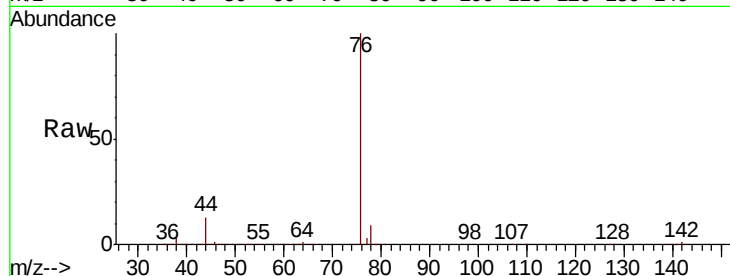




#17
Carbon Disulfide
Concen: 95.076 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

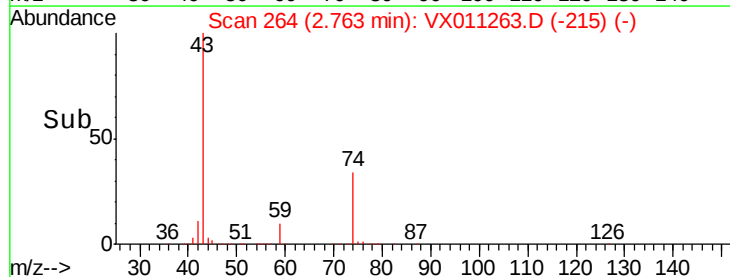
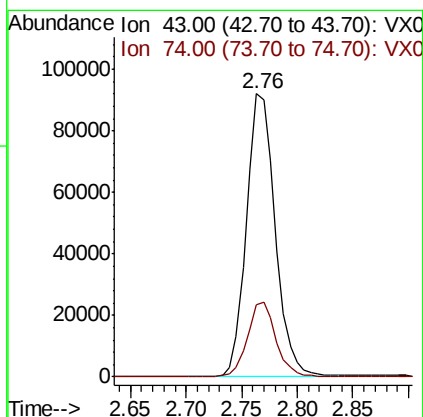
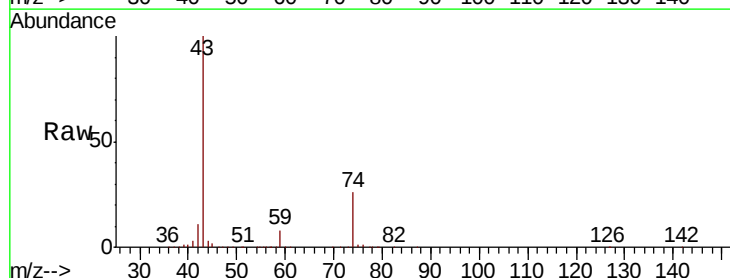
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

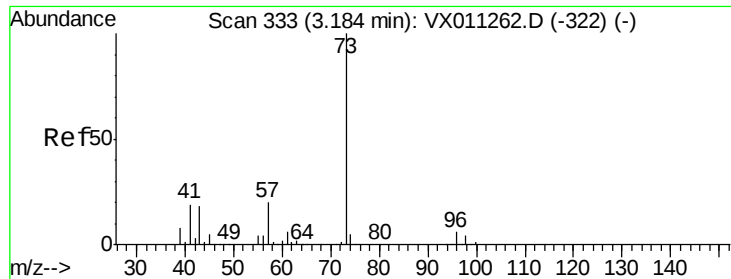
Tot Ion: 76 Resp: 345353
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 93.616 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 43 Resp: 166099
Ion Ratio Lower Upper
43 100
74 25.8 21.0 31.6

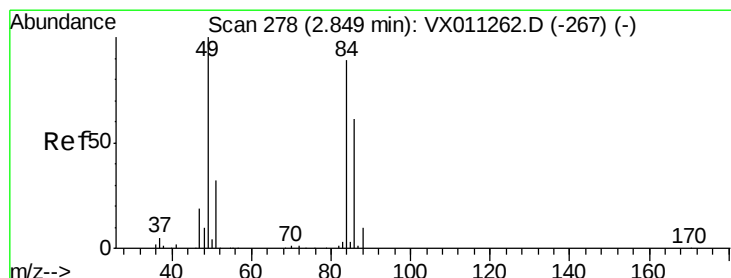
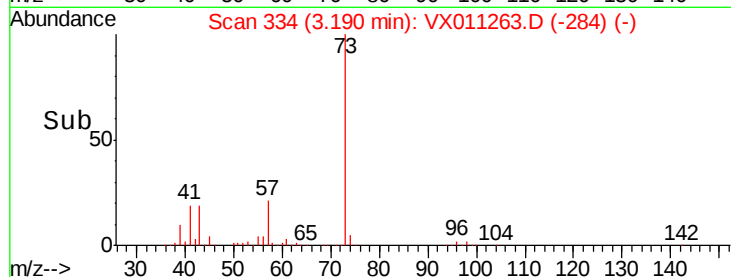
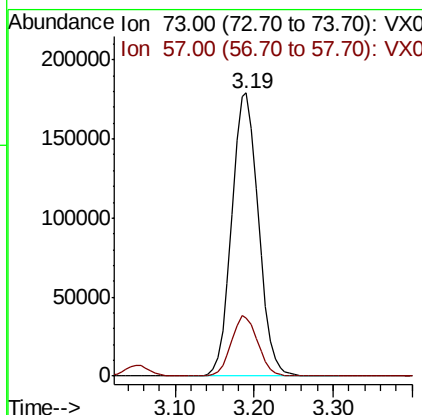
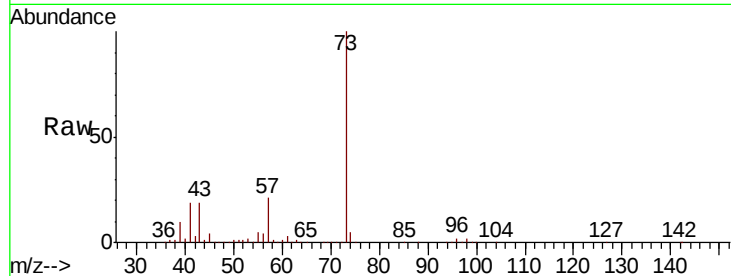




#19
Methvl tert-butvl Ether
Concen: 92.025 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

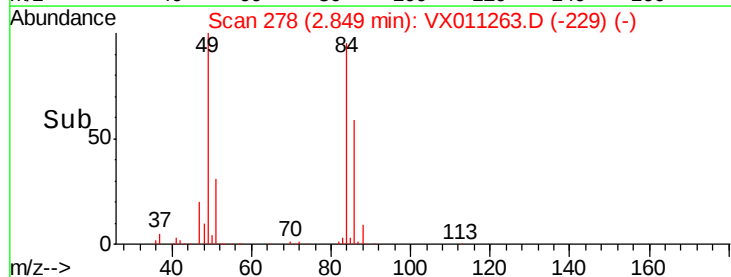
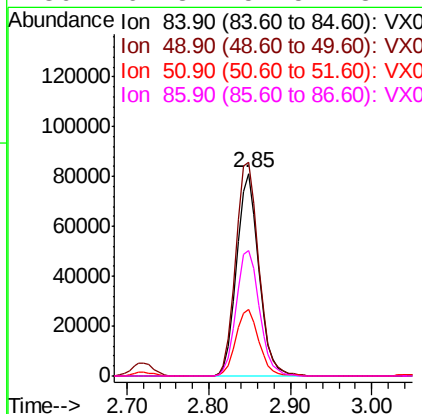
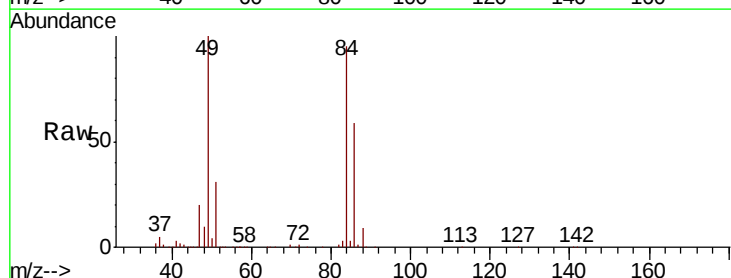
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

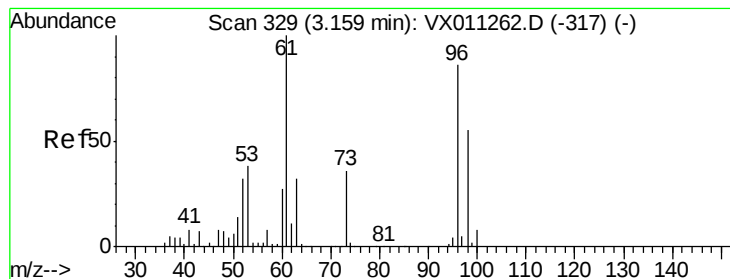
Tot Ion: 73 Resp: 422463
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.2



#20
Methylene Chloride
Concen: 92.373 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 84 Resp: 151616
Ion Ratio Lower Upper
84 100
49 105.5 89.3 133.9
51 33.1 28.3 42.5
86 62.3 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 95.658 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

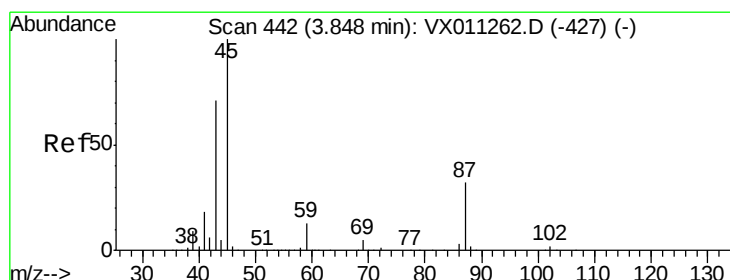
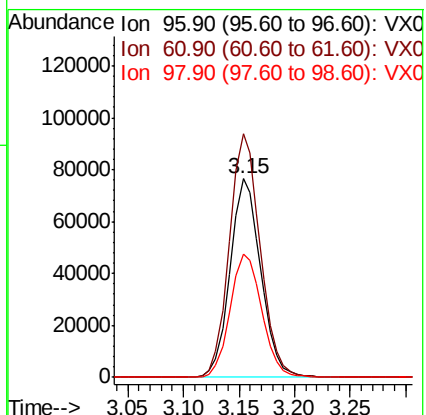
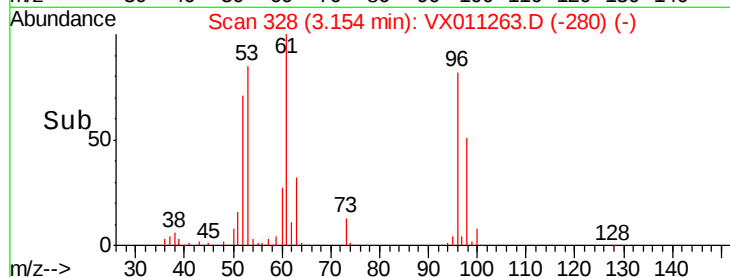
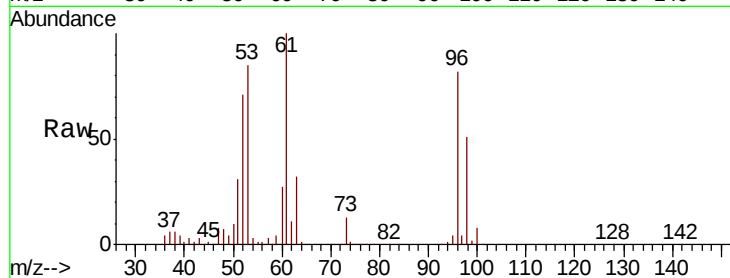
Tot Ion: 96 Resp: 146136

Ion Ratio Lower Upper

96 100

61 122.5 92.8 139.2

98 61.9 51.2 76.8



#22

Diisopropyl ether

Concen: 94.466 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion: 45 Resp: 413545

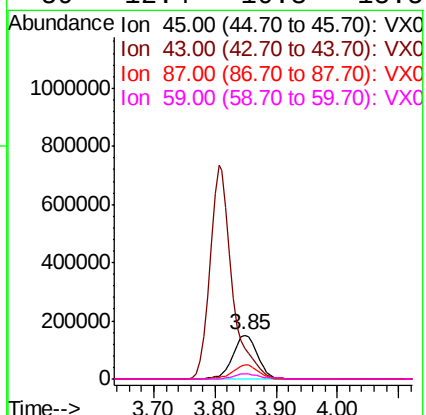
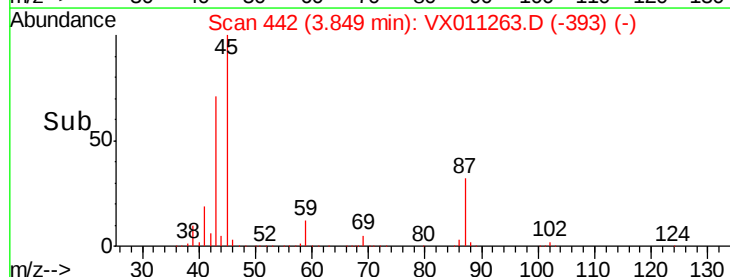
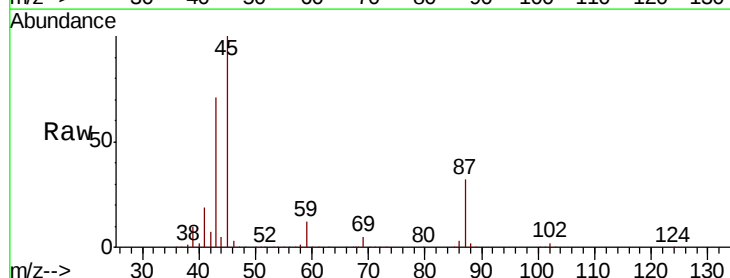
Ion Ratio Lower Upper

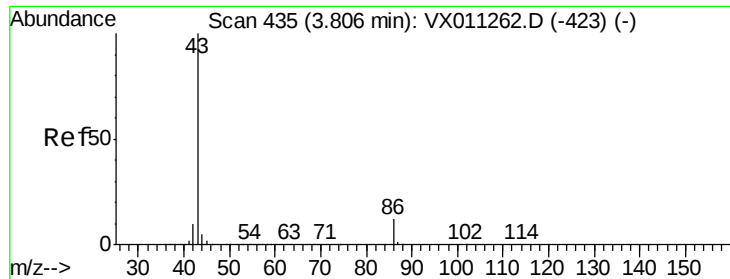
45 100

43 70.9 56.8 85.2

87 31.9 25.8 38.6

59 12.4 10.3 15.5

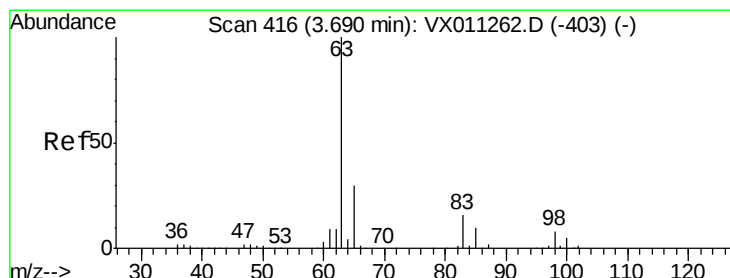
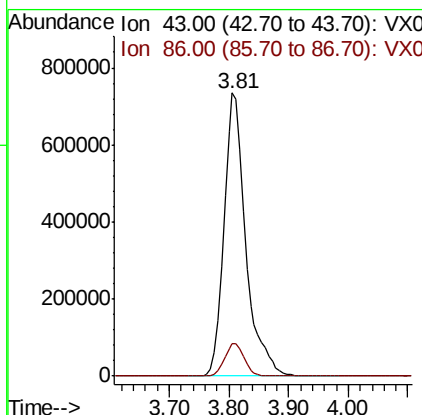
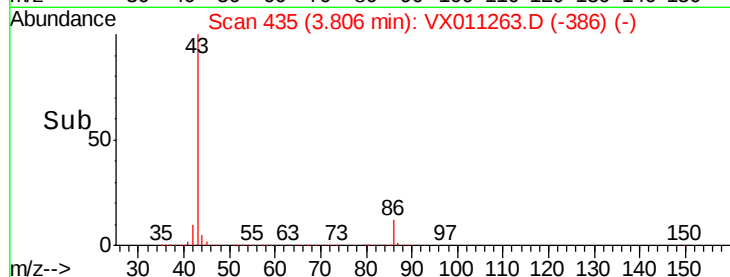
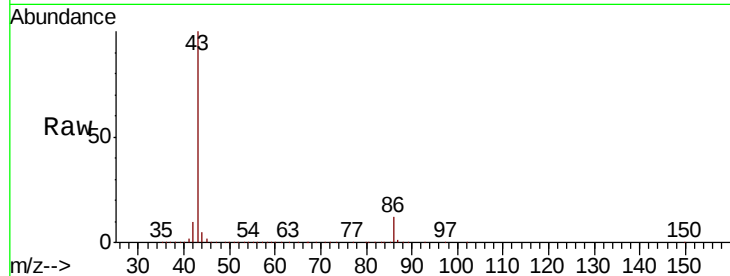




#23
 Vinyl Acetate
 Concen: 502.595 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

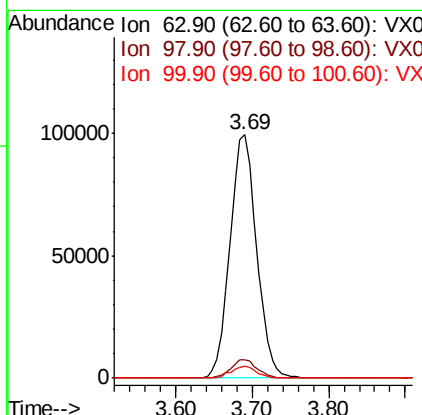
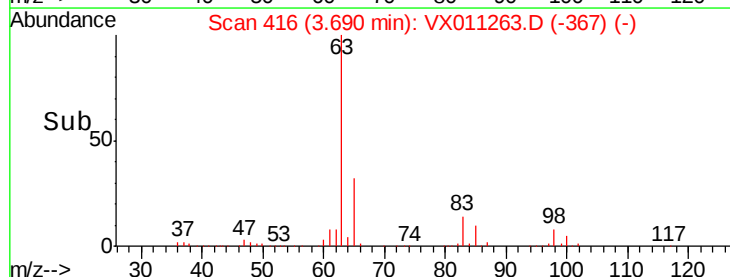
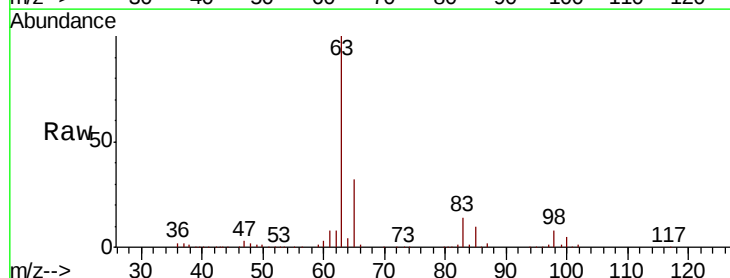
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

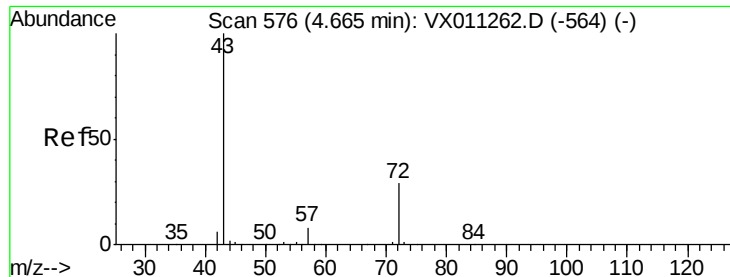
Tot Ion: 43 Resp: 1865152
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 93.909 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion: 63 Resp: 239773
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 5.0 2.7 8.1





#25

2-Butanone

Concen: 485.263 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

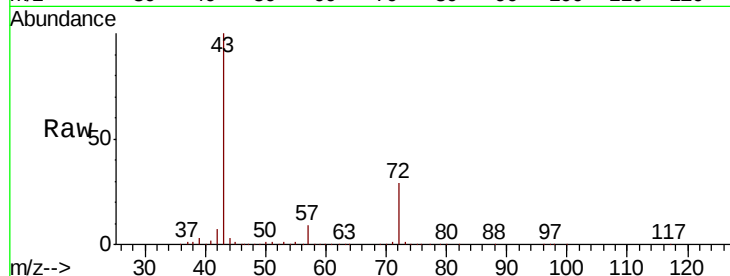
VSTDIC100

Tot Ion: 43 Resp: 538205

Ion Ratio Lower Upper

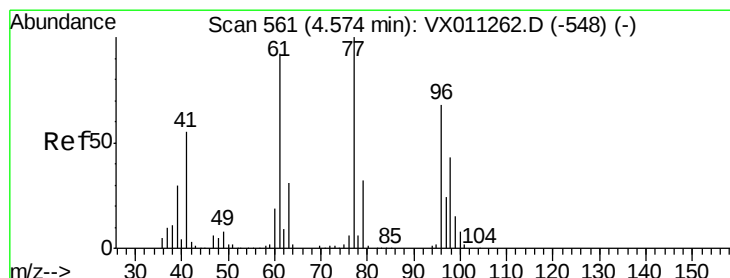
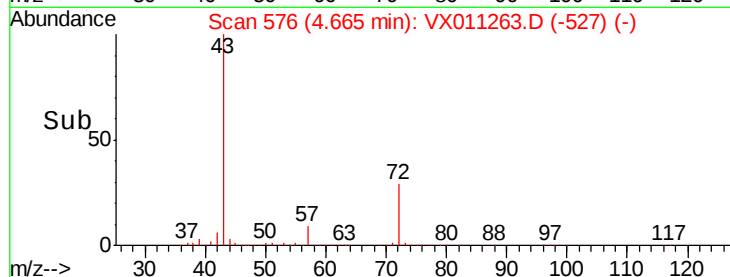
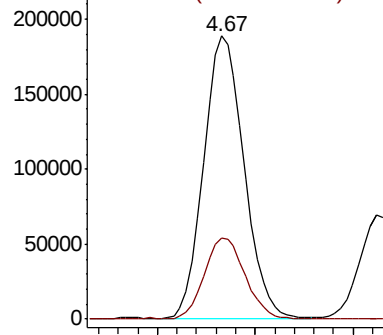
43 100

72 28.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 95.645 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011263.D

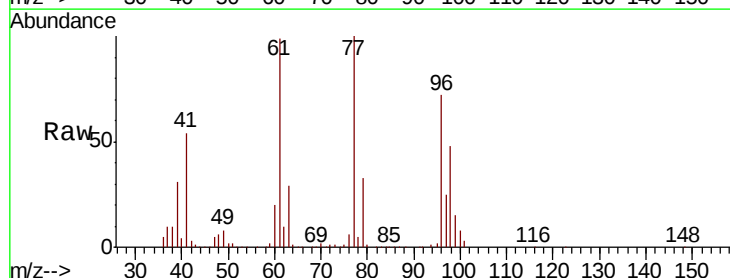
Acq: 01 Aug 2019 16:37

Tgt Ion: 77 Resp: 199062

Ion Ratio Lower Upper

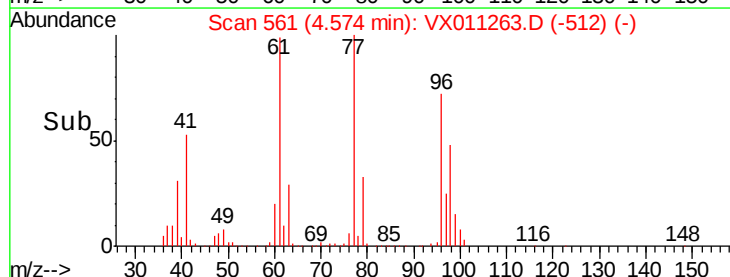
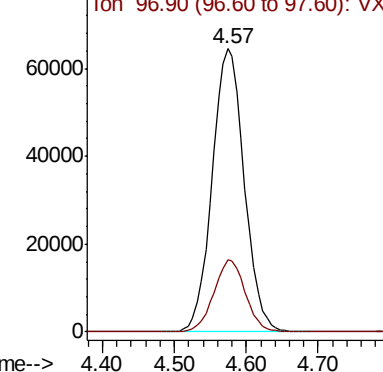
77 100

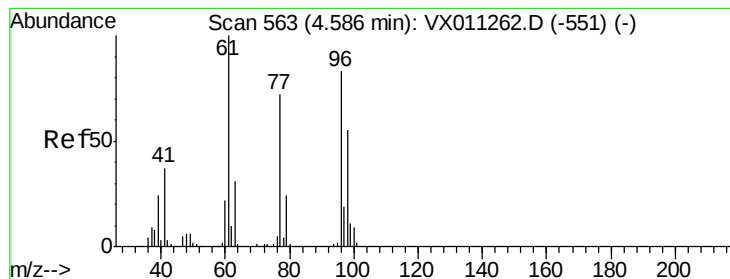
97 25.1 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



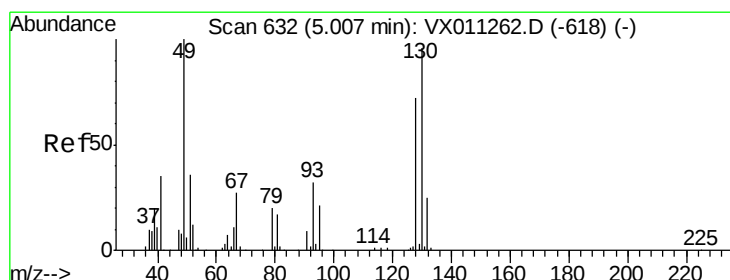
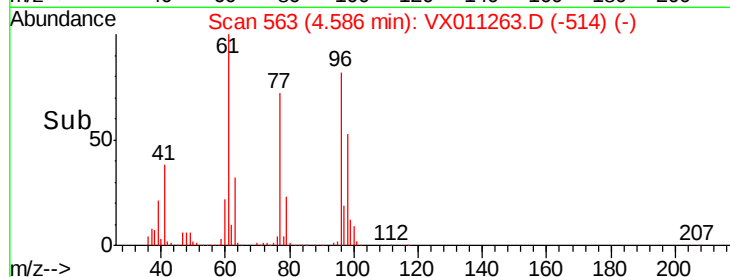
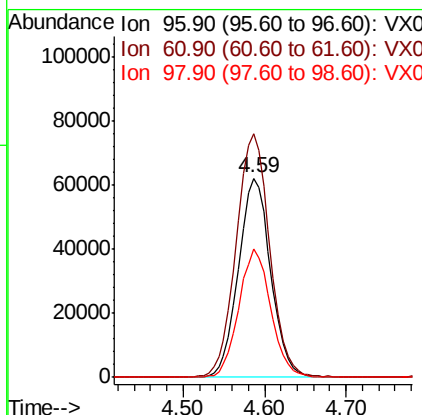
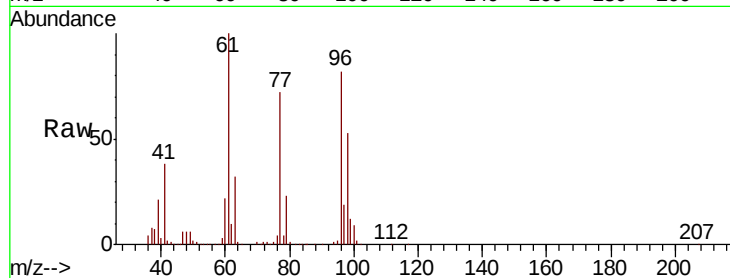


#27

cis-1,2-Dichloroethene
 Concen: 96.664 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

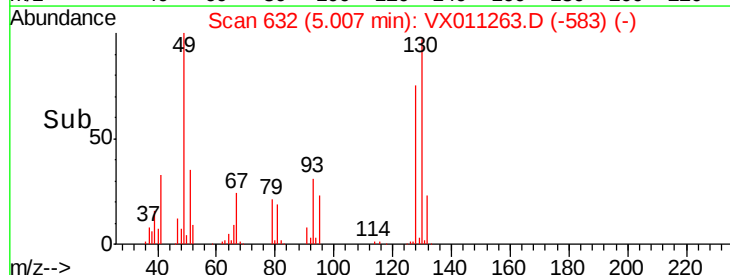
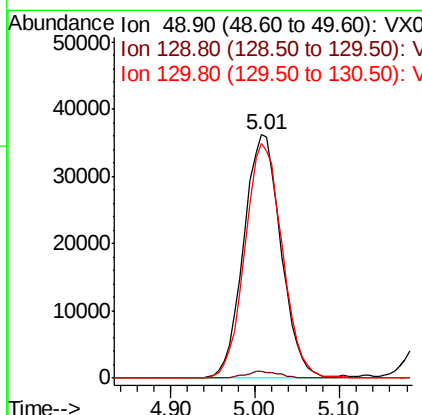
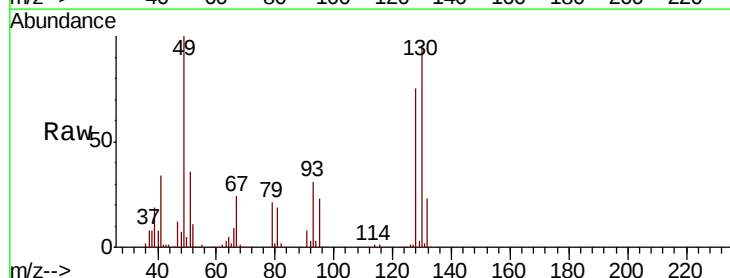
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.0	0.0	260.2
98	63.6	0.0	133.2

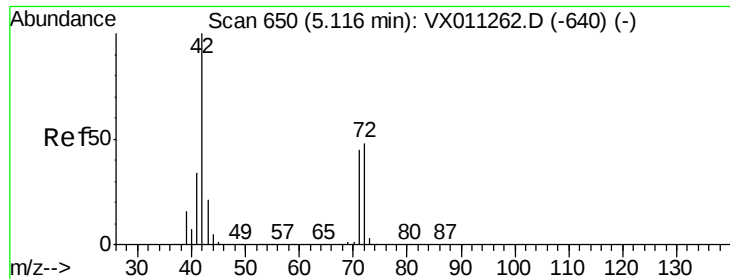


#28

Bromochloromethane
 Concen: 91.656 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.8
130	96.4	77.9	116.9

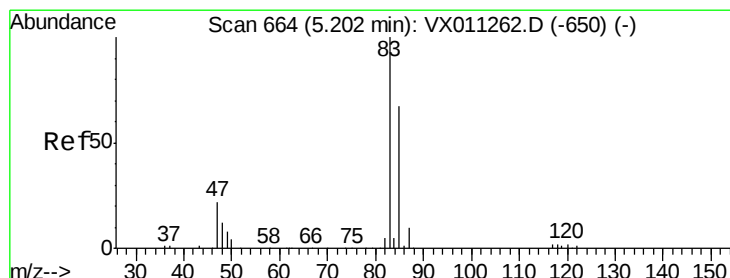
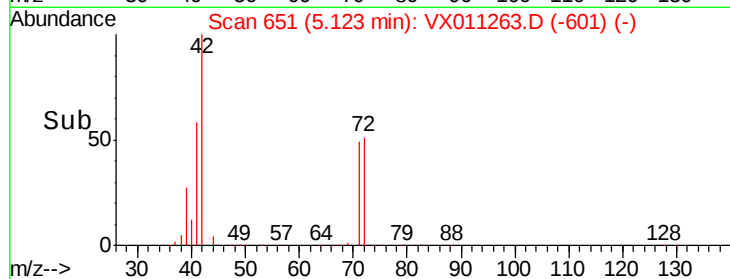
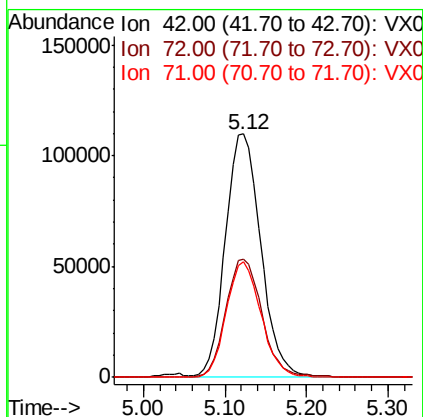
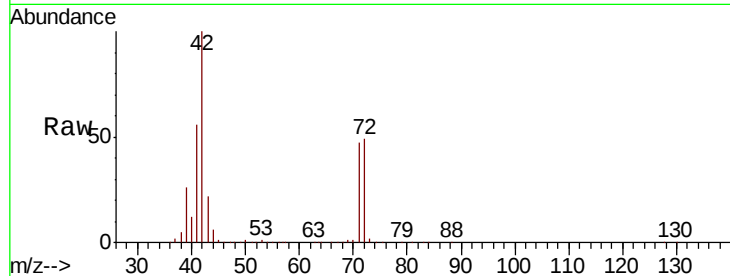




#29
Tetrahydrofuran
Concen: 469.759 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

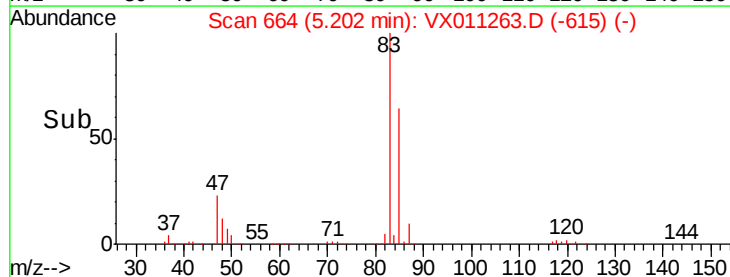
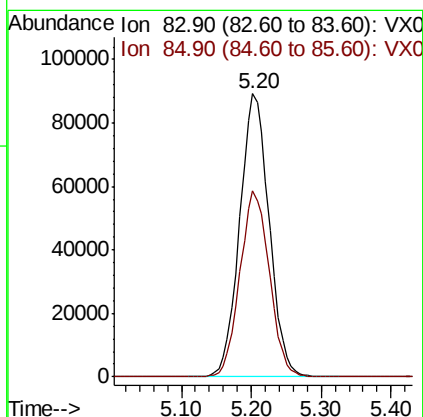
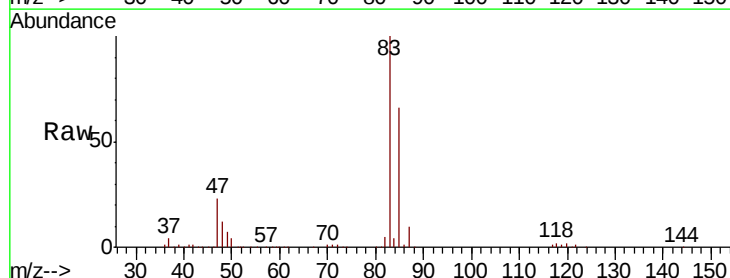
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

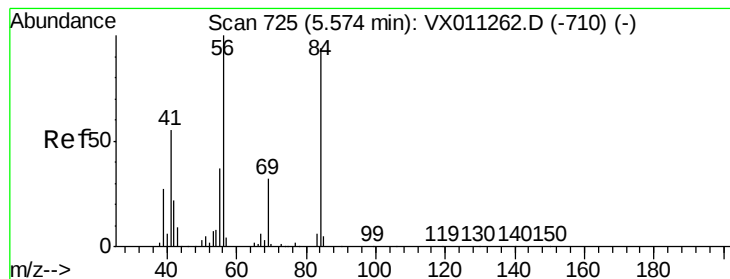
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.9	39.9	59.9
71	46.7	36.9	55.3



#30
Chloroform
Concen: 94.382 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.4	80.0





#31

Cyclohexane

Concen: 86.644 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

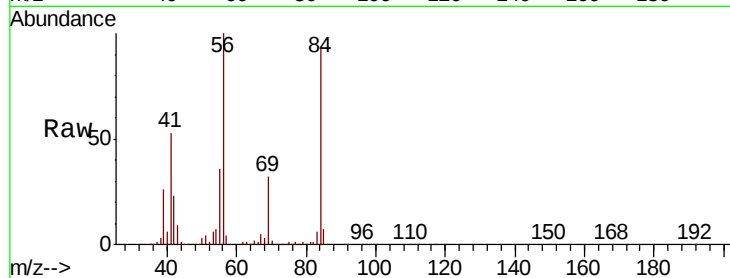
Tot Ion: 56 Resp: 198335

Ion Ratio Lower Upper

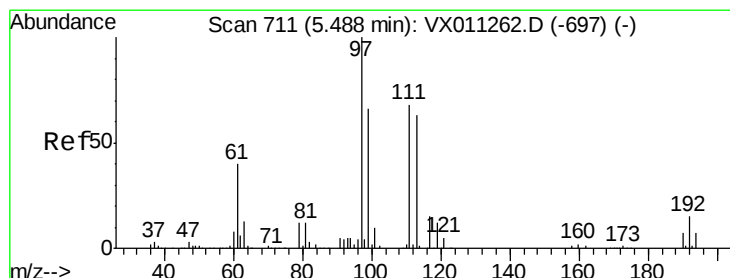
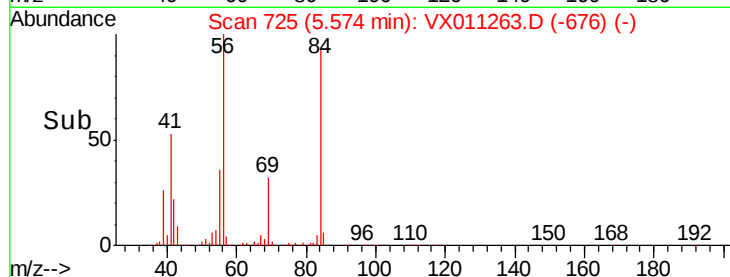
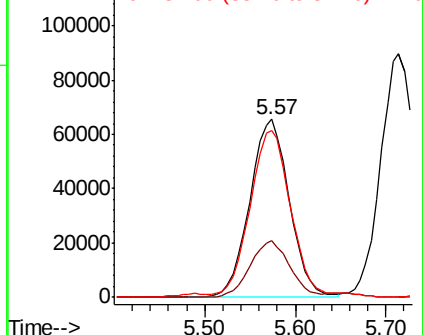
56 100

69 31.7 25.5 38.3

84 91.4 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 98.093 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

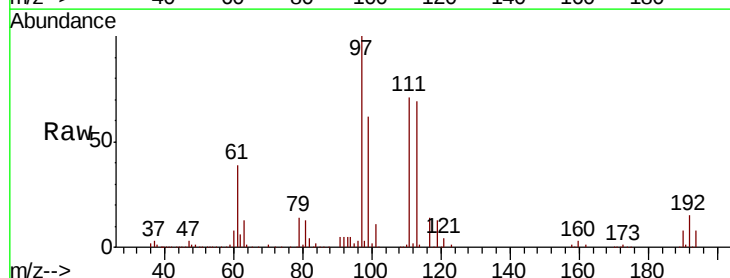
Tgt Ion: 97 Resp: 233659

Ion Ratio Lower Upper

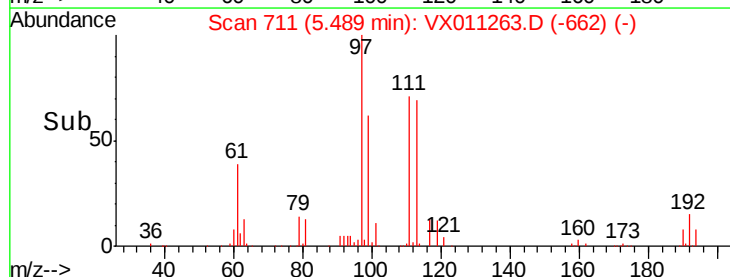
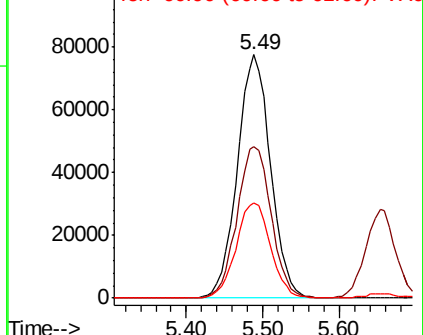
97 100

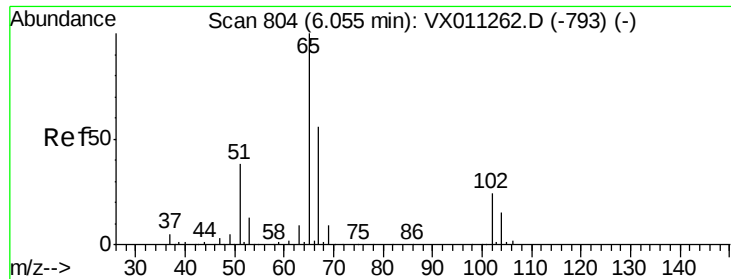
99 64.1 51.6 77.4

61 40.6 32.3 48.5



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 95.191 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

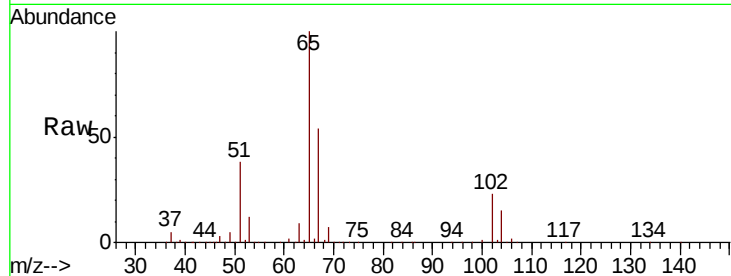
VSTDIC100

Tot Ion: 65 Resp: 160231

Ion Ratio Lower Upper

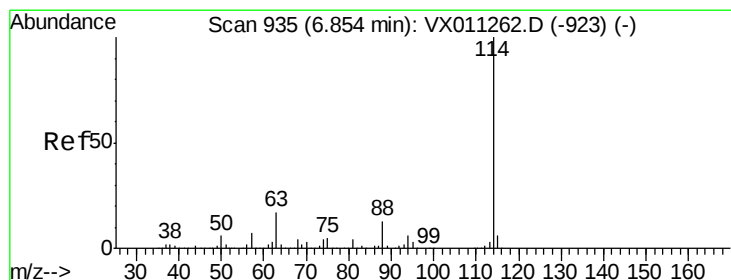
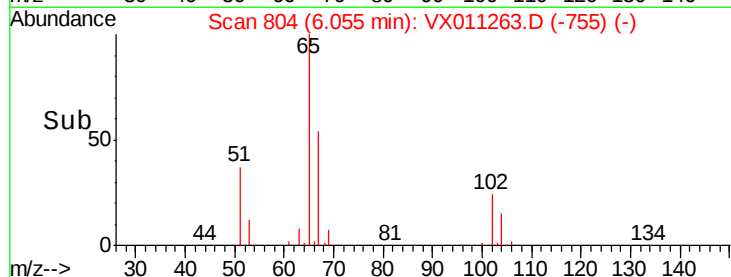
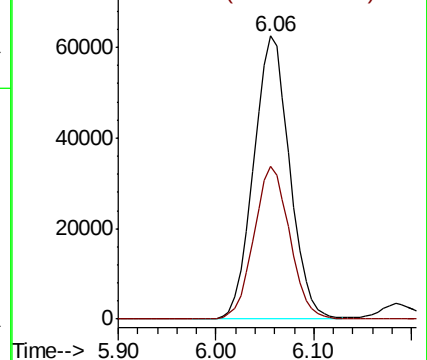
65 100

67 53.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

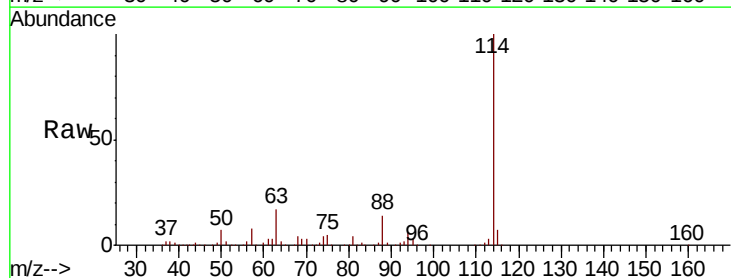
Tgt Ion: 114 Resp: 232703

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

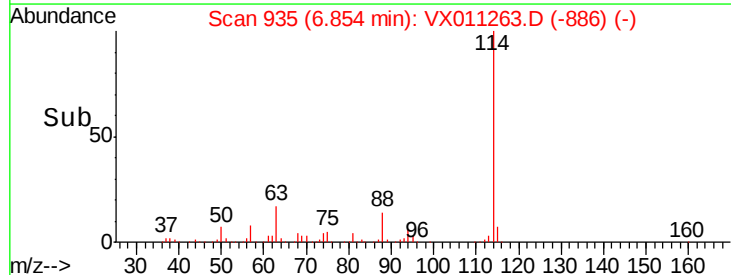
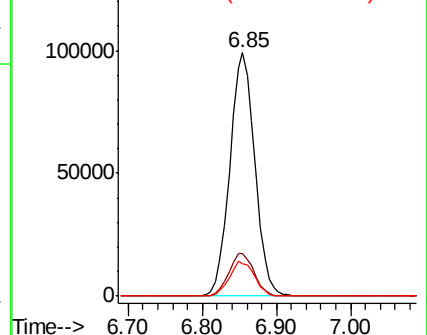
88 13.6 0.0 26.4

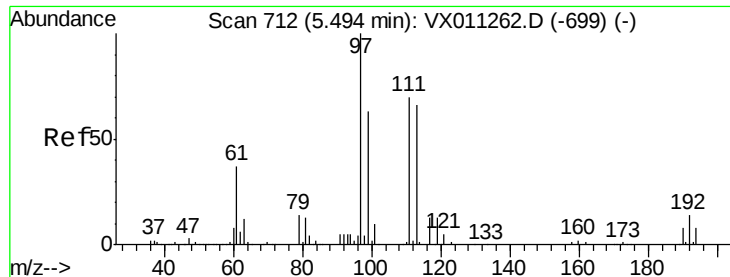


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 102.340 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

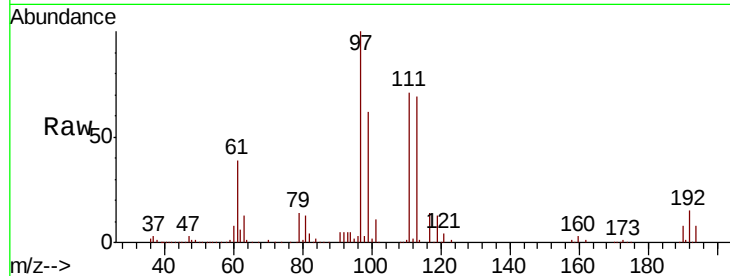
Tot Ion:113 Resp: 151249

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

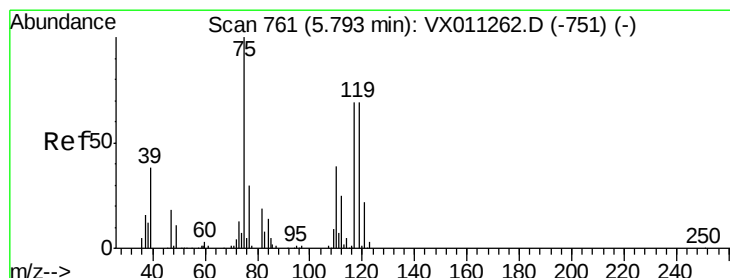
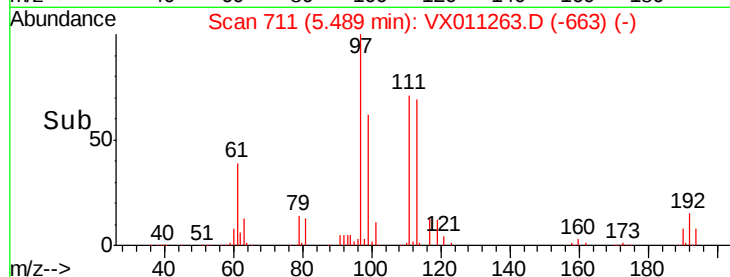
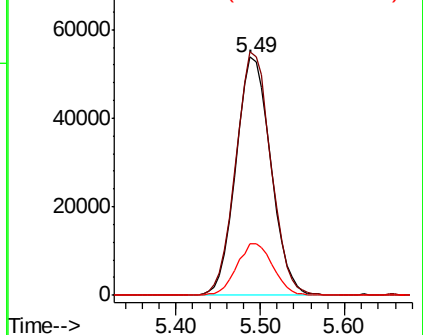
192 22.5 17.8 26.8



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: 98.416 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

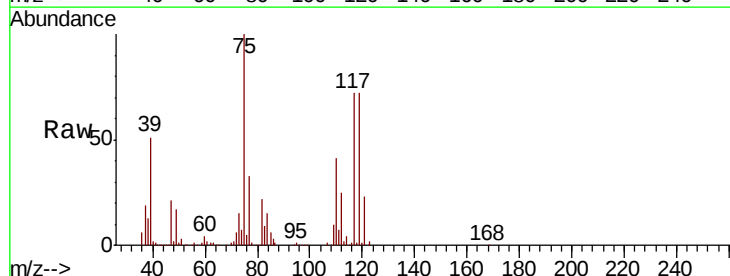
Tgt Ion: 75 Resp: 190206

Ion Ratio Lower Upper

75 100

110 41.1 20.0 59.9

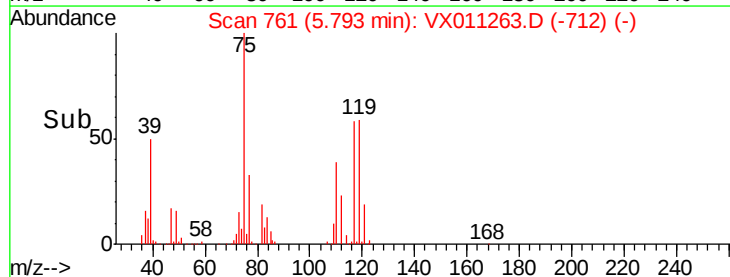
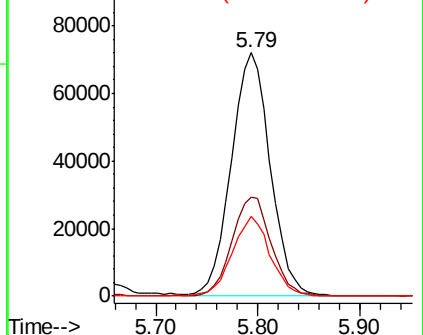
77 31.5 24.8 37.2

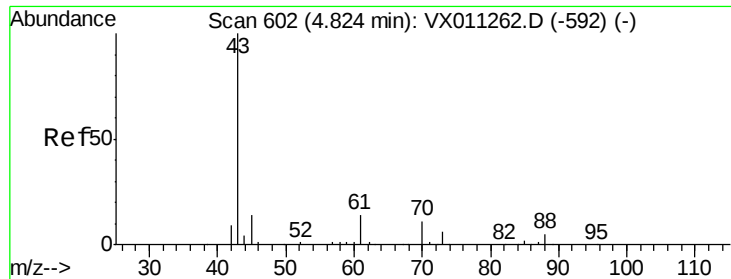


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 101.744 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

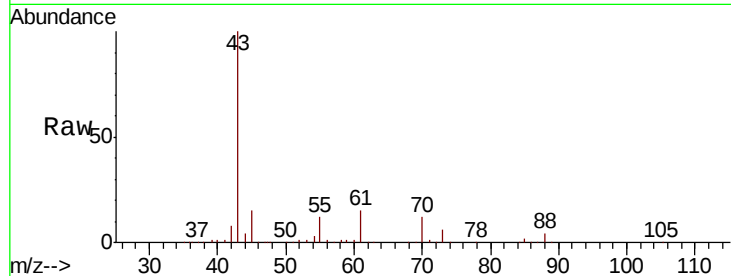
Tot Ion: 43 Resp: 199513

Ion Ratio Lower Upper

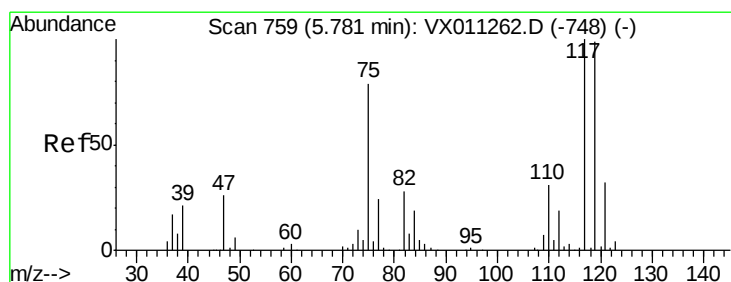
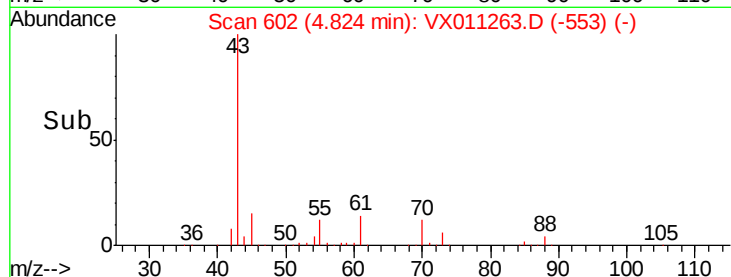
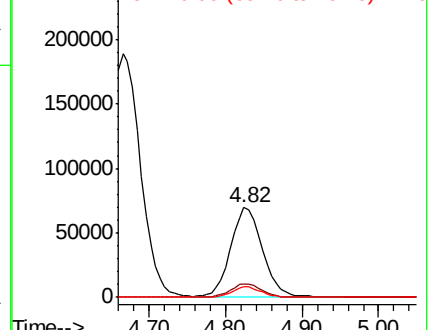
43 100

61 15.3 12.6 18.8

70 11.3 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 103.050 ug/l

RT: 5.78 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

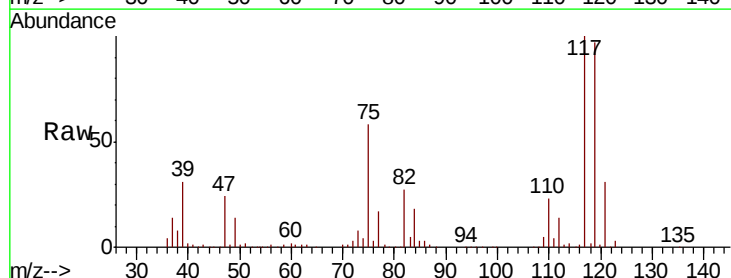
Tgt Ion: 117 Resp: 207163

Ion Ratio Lower Upper

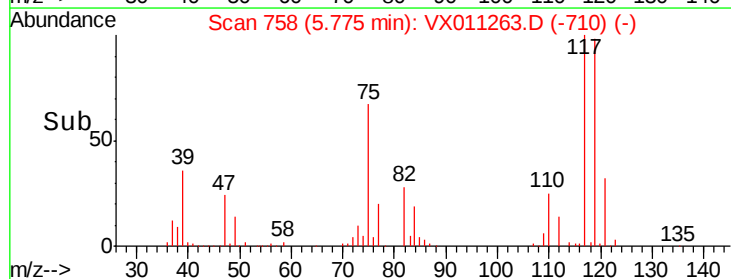
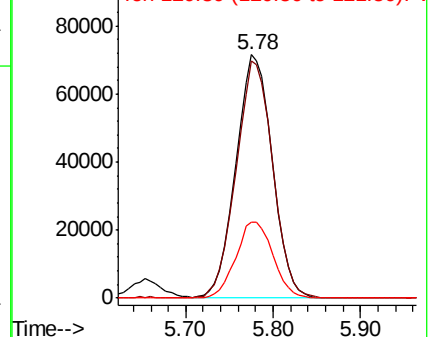
117 100

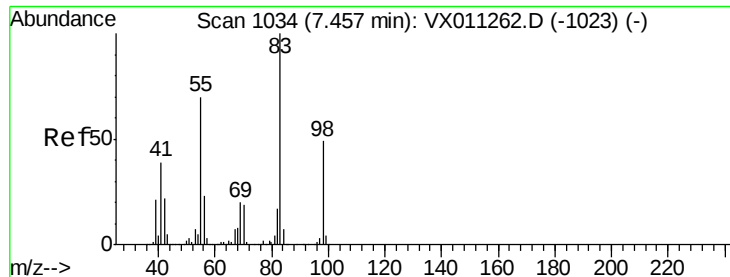
119 97.3 79.0 118.4

121 31.3 25.9 38.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

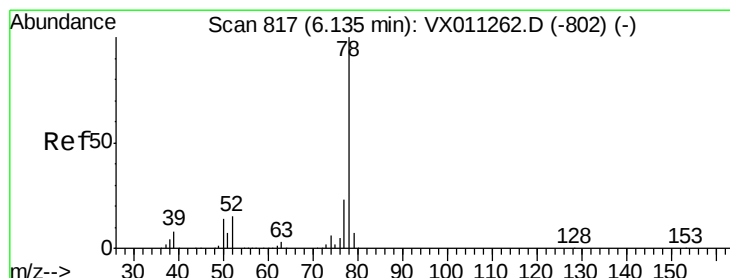
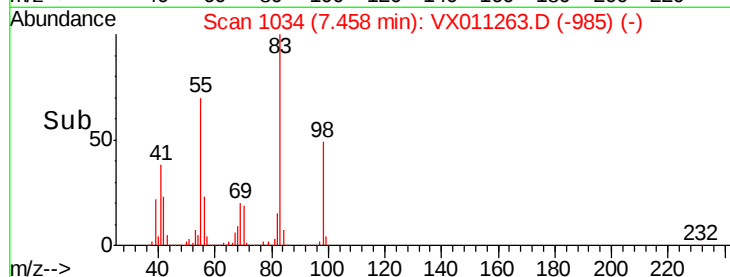
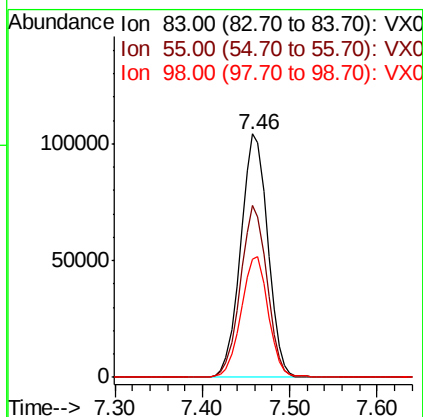
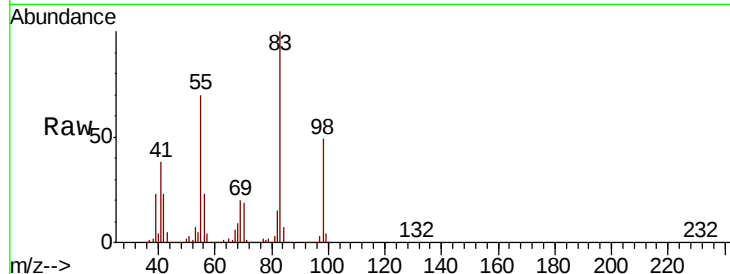




#39
Methylvlcvclohexane
Concen: 90.969 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

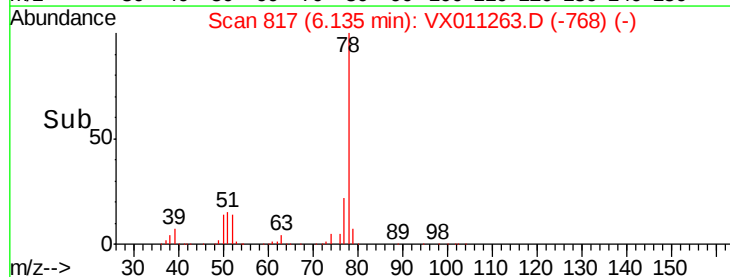
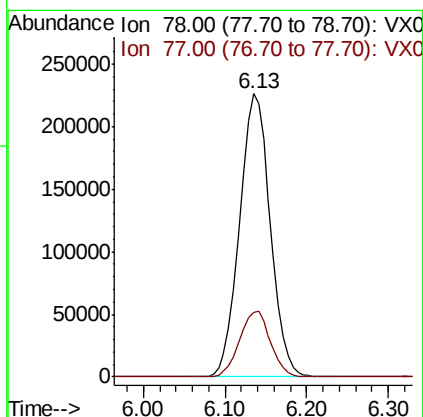
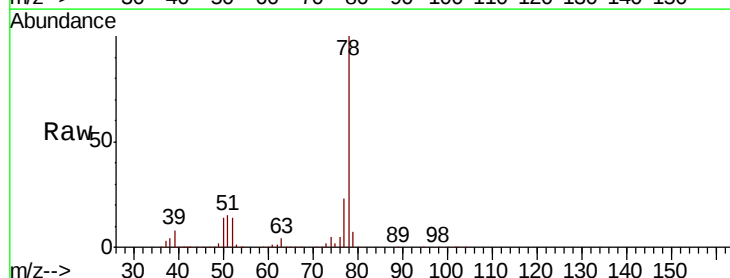
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

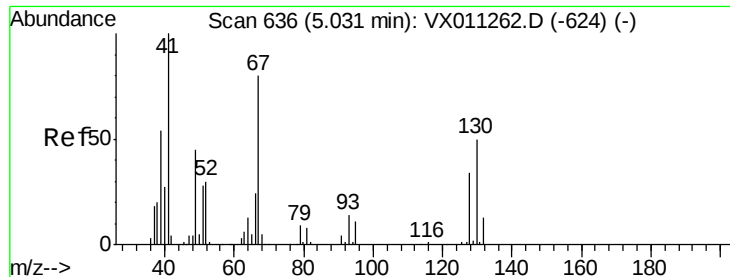
Tot Ion: 83 Resp: 224480
Ion Ratio Lower Upper
83 100
55 70.4 56.1 84.1
98 48.8 39.0 58.4



#40
Benzene
Concen: 99.749 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 78 Resp: 590475
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.2





#41

Methacrylonitrile

Concen: 97.675 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 109949

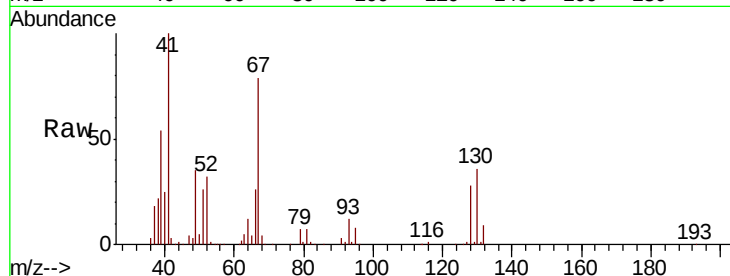
Ion Ratio Lower Upper

41 100

39 55.2 43.0 64.6

67 80.6 65.1 97.7

52 31.8 24.8 37.2

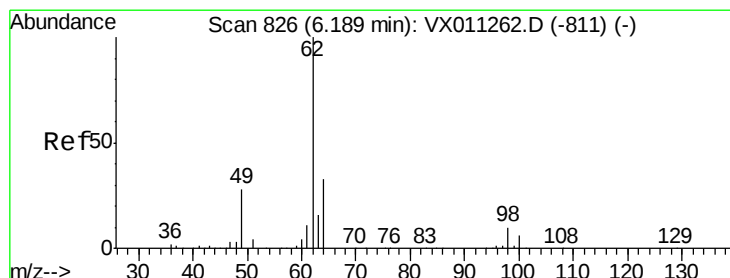
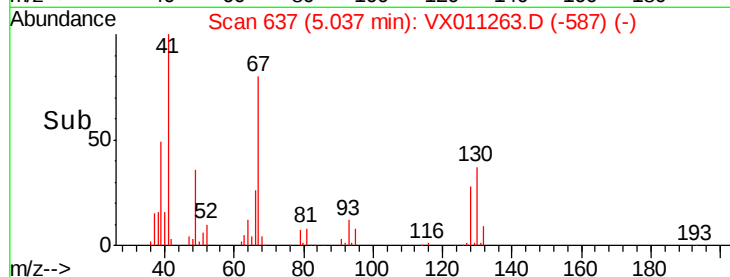
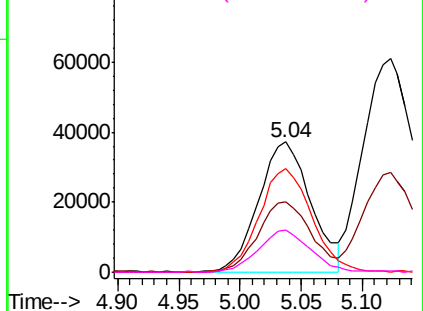


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 96.676 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX011263.D

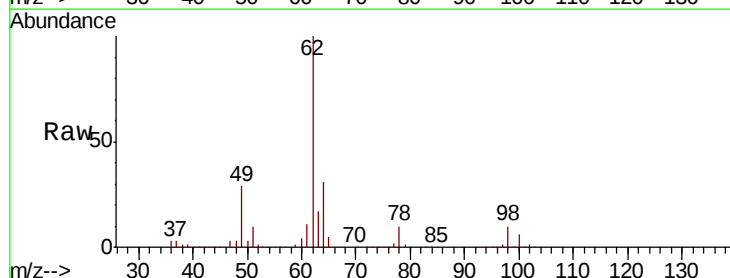
Acq: 01 Aug 2019 16:37

Tgt Ion: 62 Resp: 198012

Ion Ratio Lower Upper

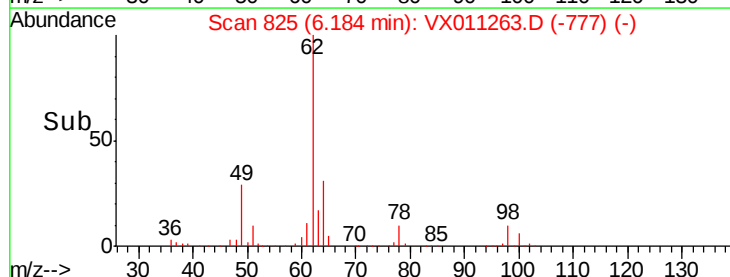
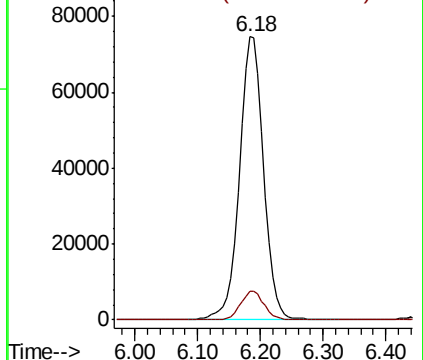
62 100

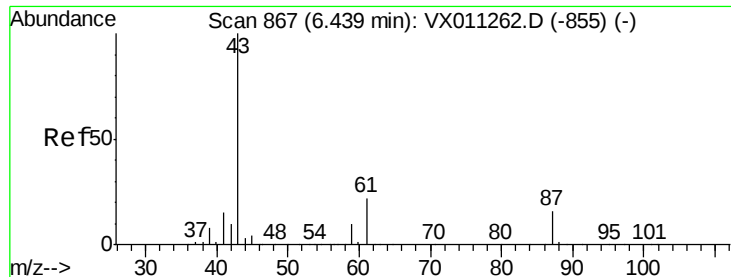
98 9.9 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



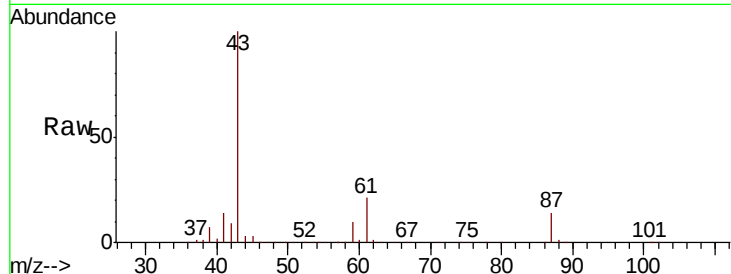


#43

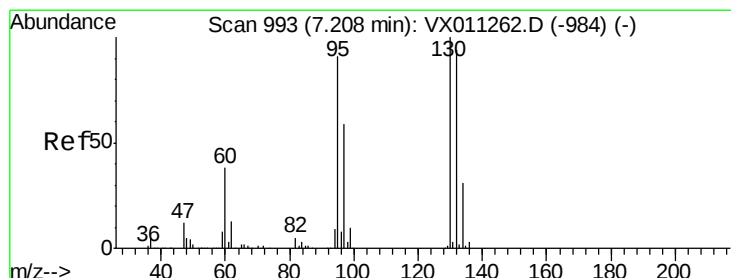
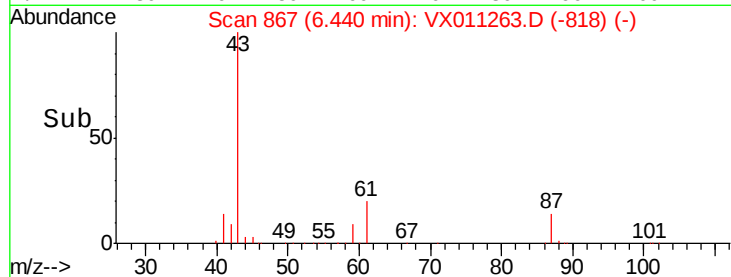
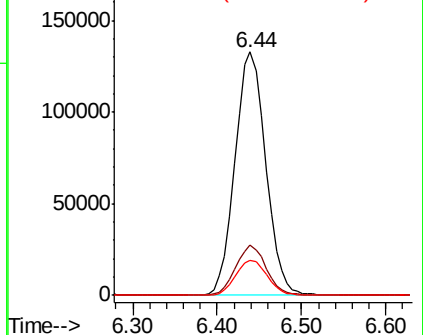
Isopropyl Acetate
 Concen: 100.950 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 326241
 Ion Ratio Lower Upper
 43 100
 61 20.7 16.5 24.7
 87 15.0 12.1 18.1



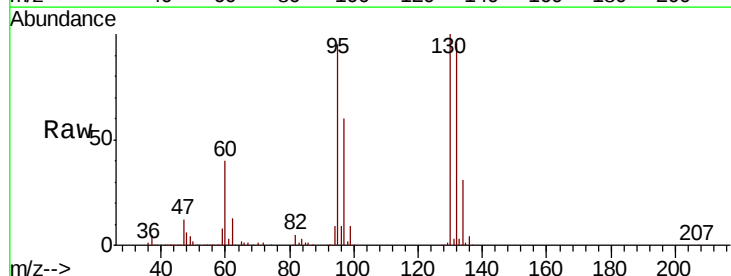
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



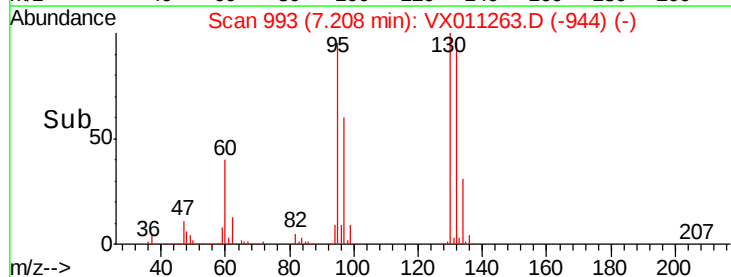
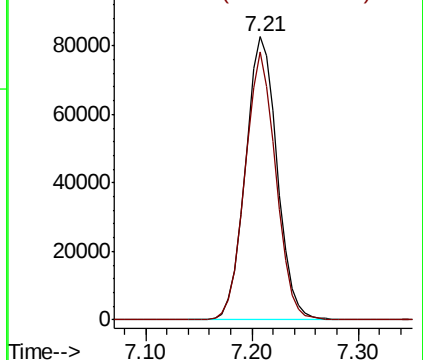
#44

Trichloroethene
 Concen: 98.588 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion:130 Resp: 172989
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 97.786 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

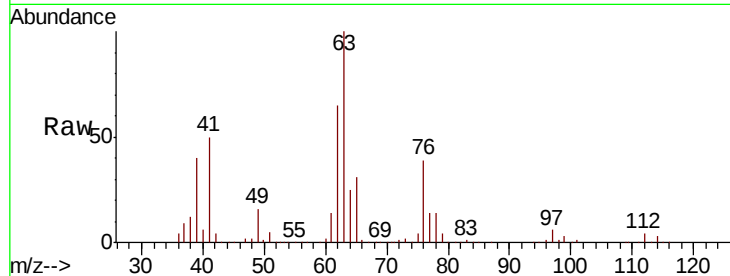
VSTDIC100

Tot Ion: 63 Resp: 147300

Ion Ratio Lower Upper

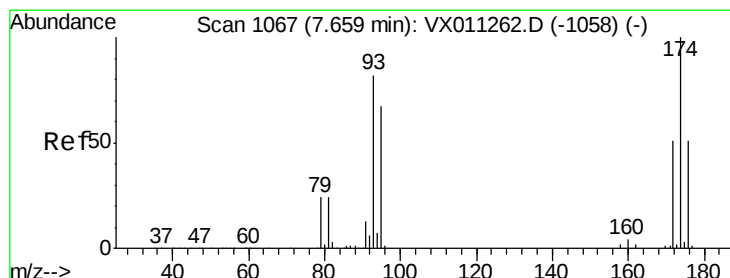
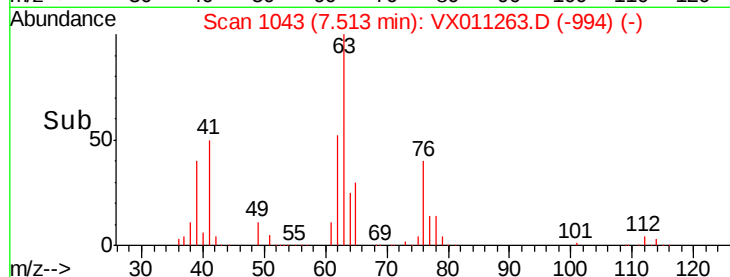
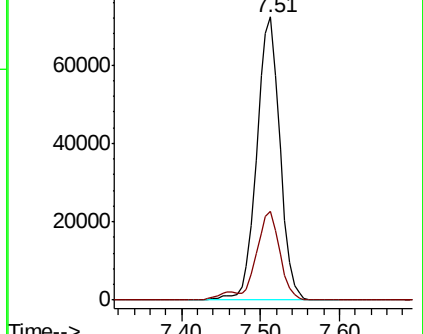
63 100

65 31.3 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 100.949 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

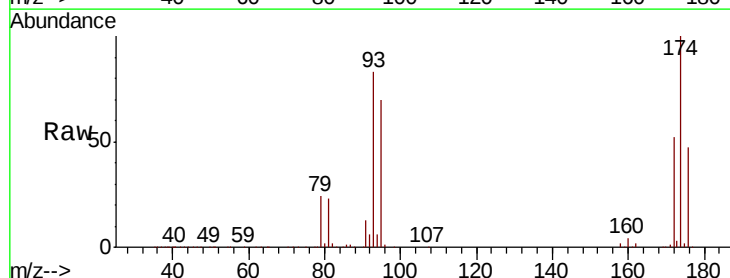
Tgt Ion: 93 Resp: 108584

Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

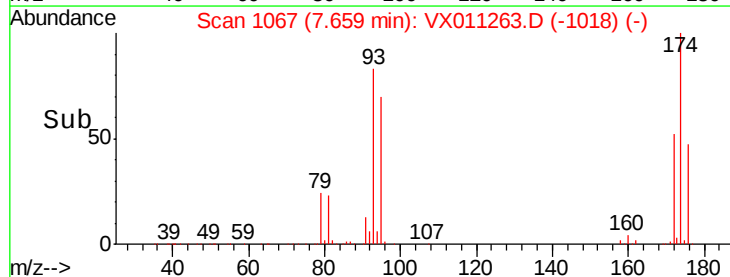
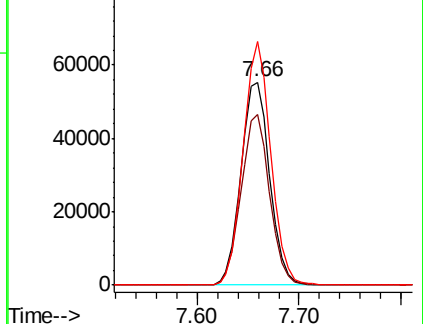
174 115.9 93.4 140.2

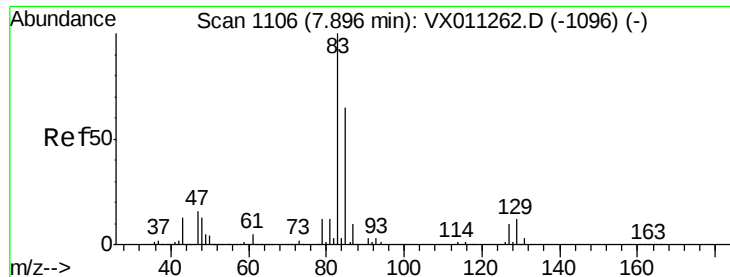


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 107.021 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

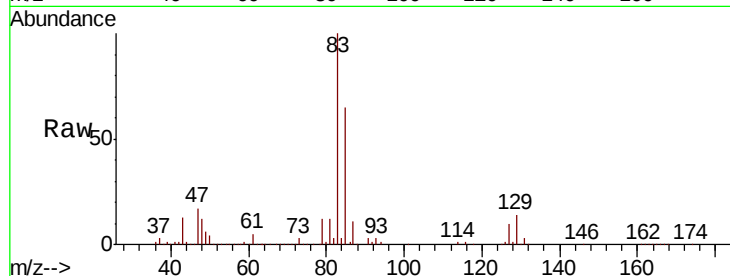
Tot Ion: 83 Resp: 204192

Ion Ratio Lower Upper

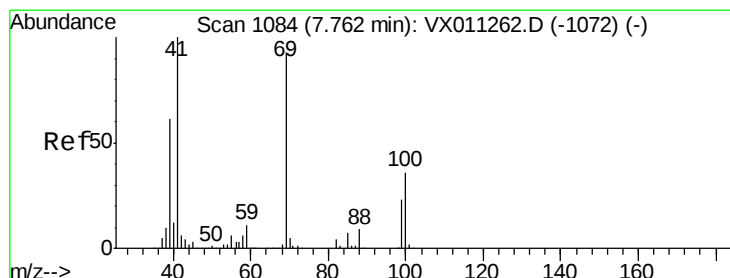
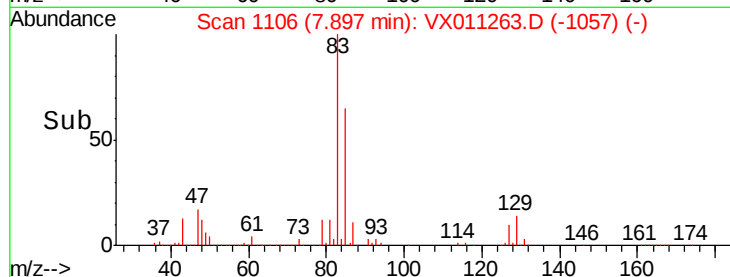
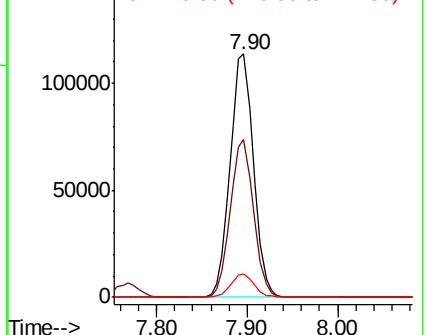
83 100

85 64.7 52.2 78.2

127 9.5 7.8 11.8



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: 101.068 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

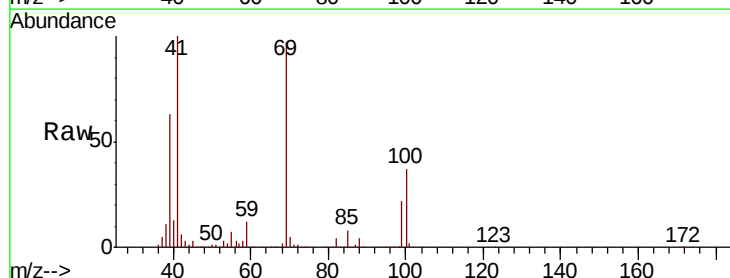
Tgt Ion: 41 Resp: 158885

Ion Ratio Lower Upper

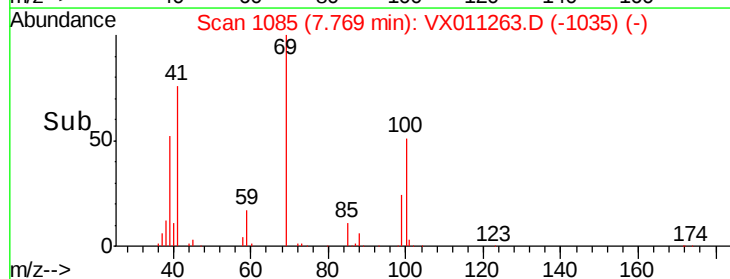
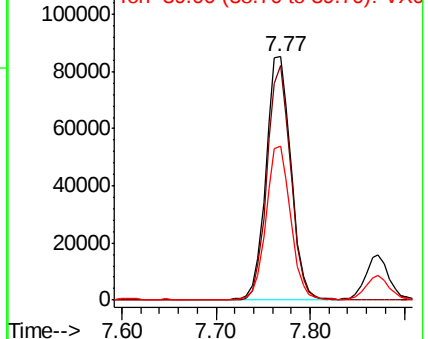
41 100

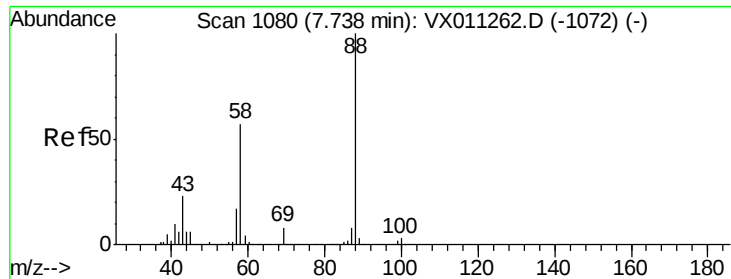
69 92.0 74.5 111.7

39 61.9 48.6 72.8



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

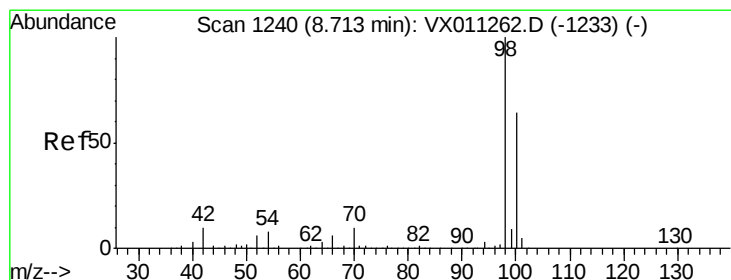
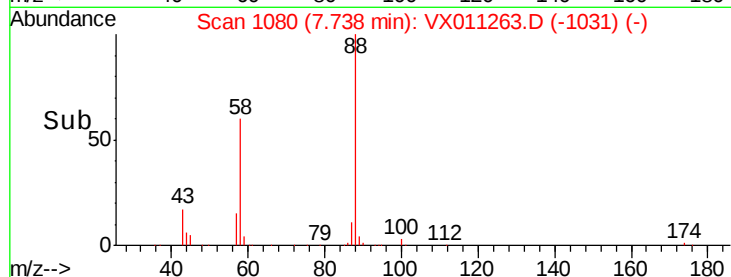
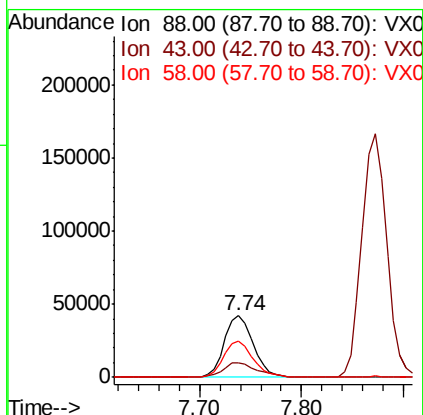
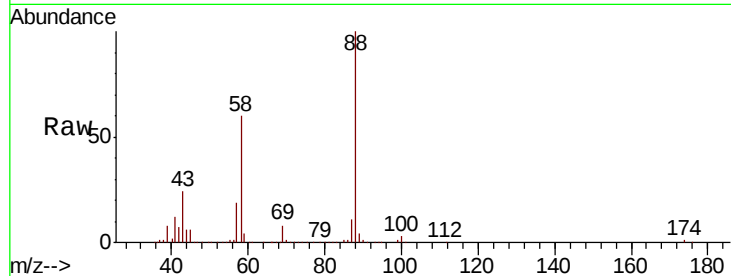




#49
1,4-Dioxane
Concen: 1862.414 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

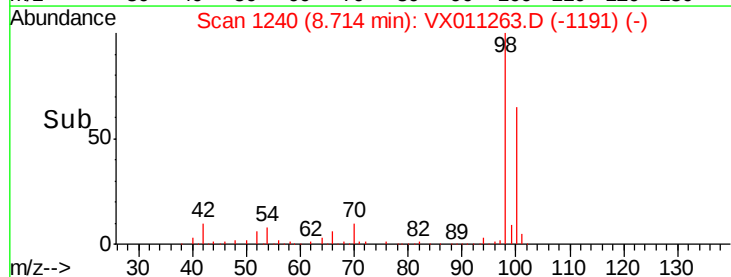
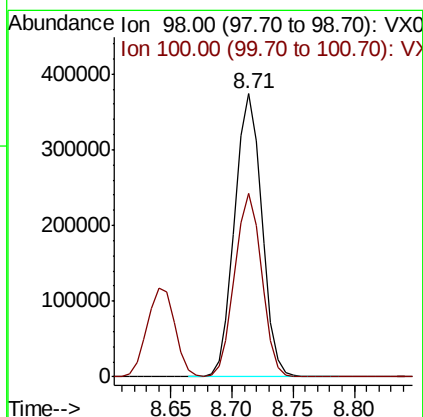
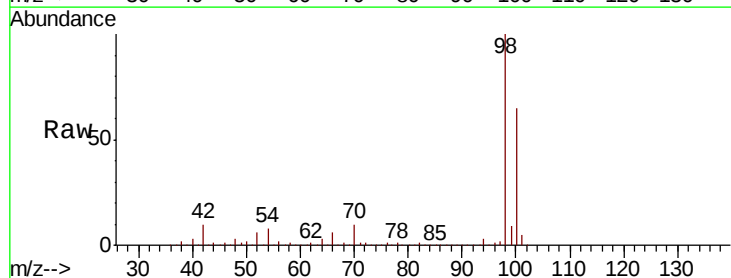
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 82348
Ion Ratio Lower Upper
88 100
43 27.7 22.2 33.2
58 61.2 47.8 71.8



#50
Toluene-d8
Concen: 104.029 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 98 Resp: 575461
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

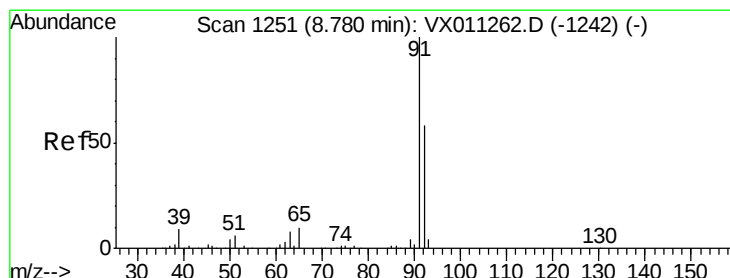
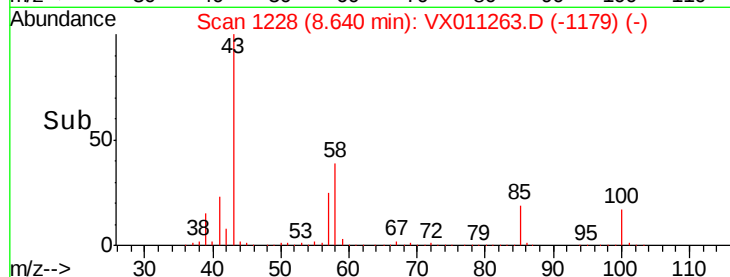
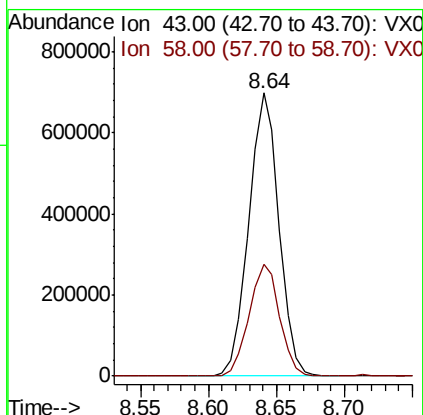
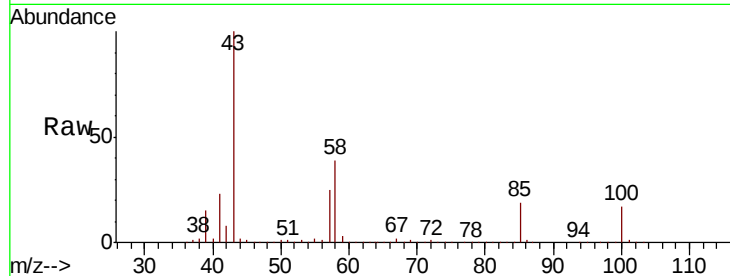




#51
4-Methyl-2-Pentanone
Concen: 515.124 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

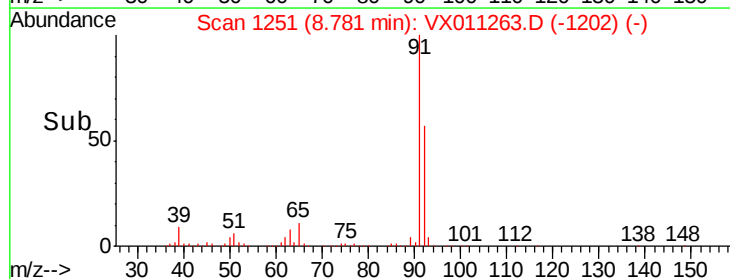
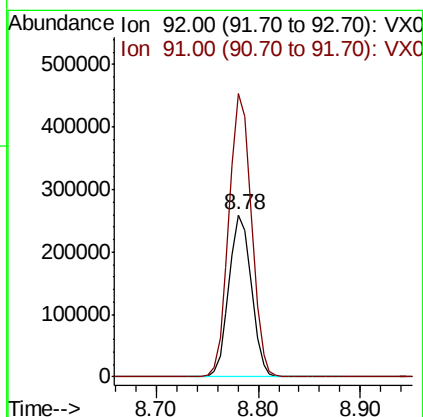
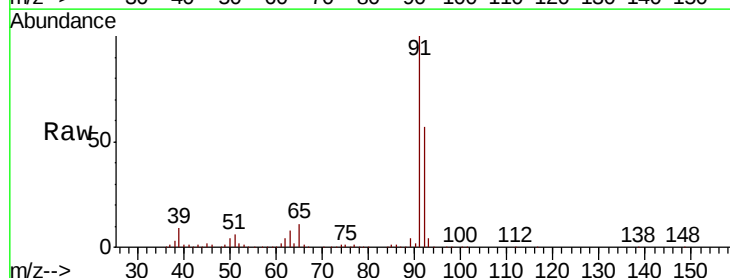
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

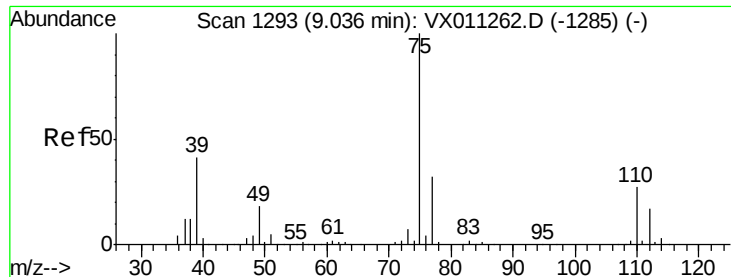
Tot Ion: 43 Resp: 1082761
Ion Ratio Lower Upper
43 100
58 40.0 32.3 48.5



#52
Toluene
Concen: 101.111 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 92 Resp: 393502
Ion Ratio Lower Upper
92 100
91 175.7 139.4 209.0

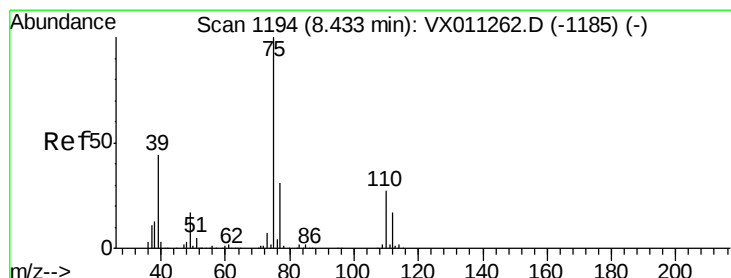
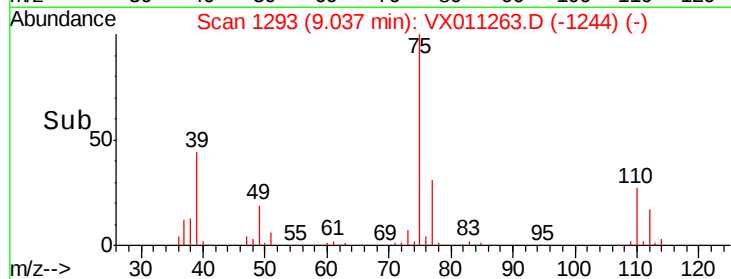
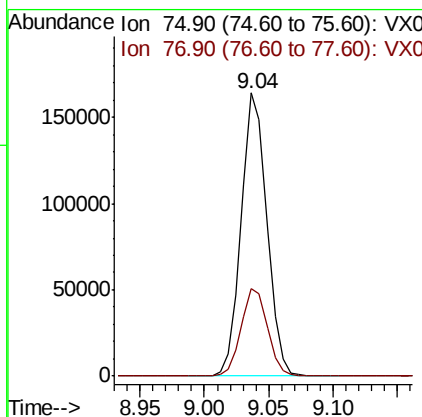
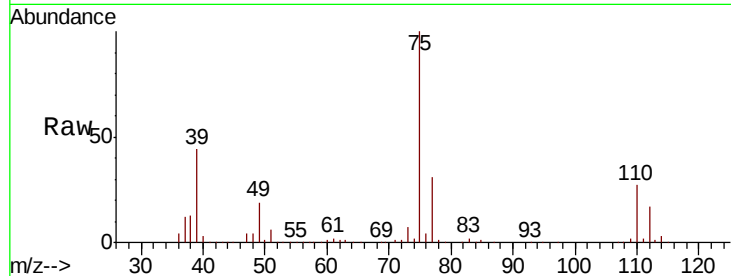




#53
 t-1,3-Dichloropropene
 Concen: 110.733 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

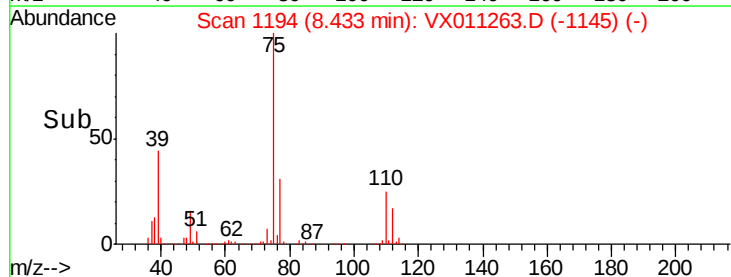
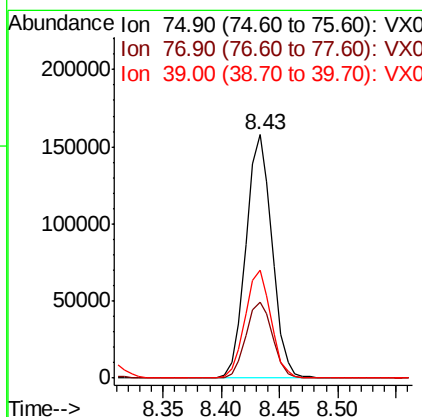
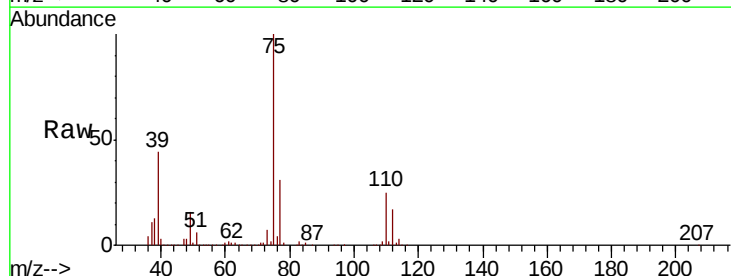
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

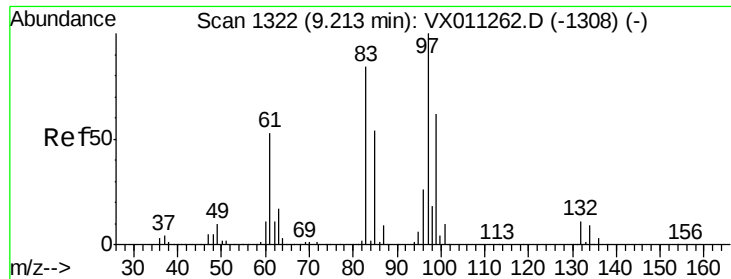
Tot Ion: 75 Resp: 226591
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 108.217 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion: 75 Resp: 246928
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6
 39 44.1 35.3 52.9

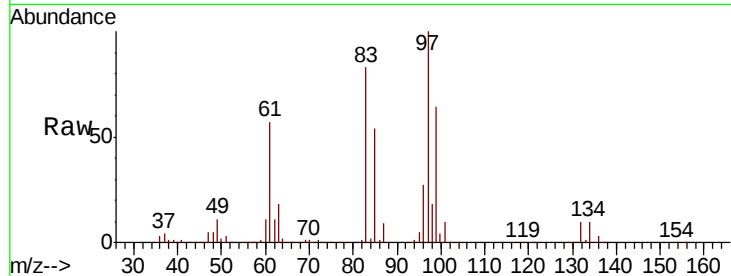




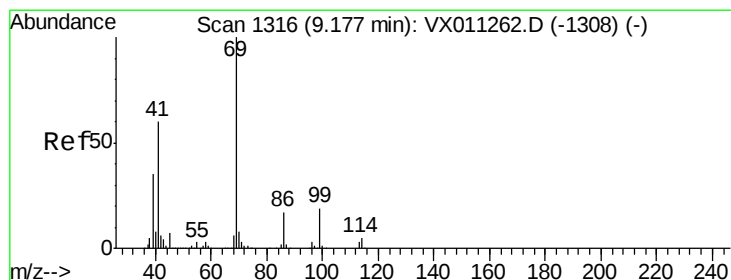
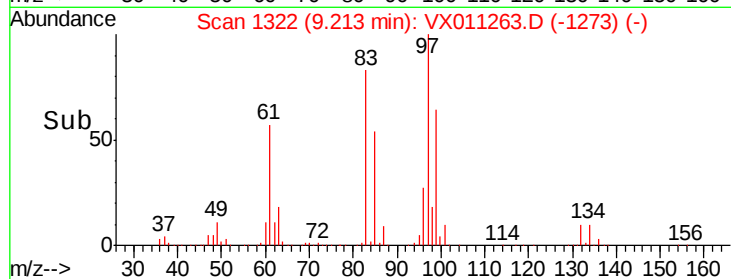
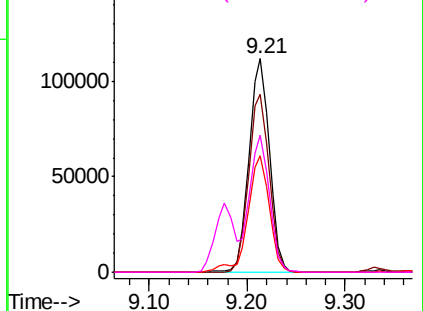
#55
 1,1,2-Trichloroethane
 Concen: 101.457 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	162619
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.6	101.4
85	54.3	43.4	65.0
99	64.2	49.6	74.4

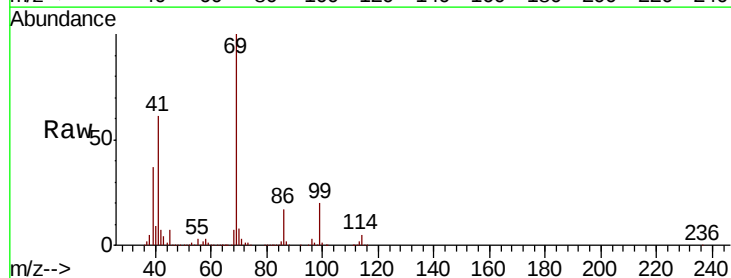


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

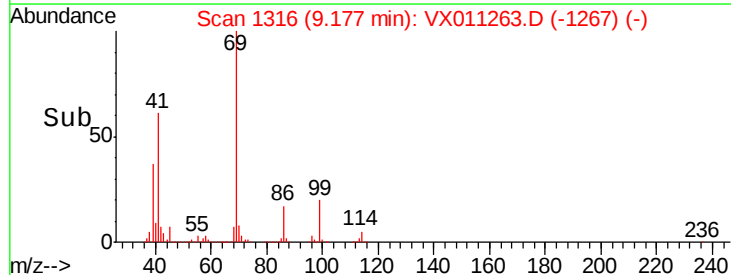
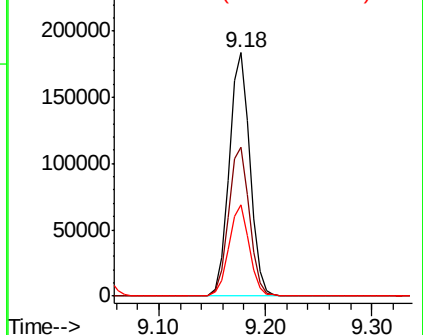


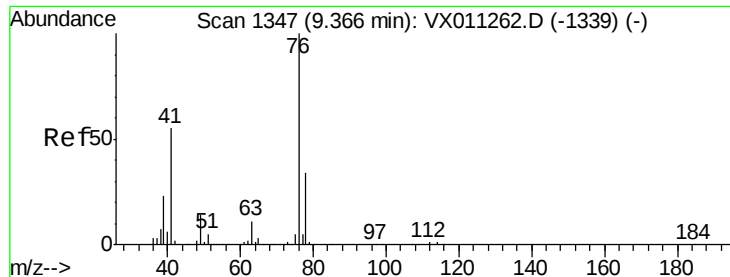
#56
 Ethyl methacrylate
 Concen: 108.133 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion:	69	Resp:	251609
Ion	Ratio	Lower	Upper
69	100		
41	61.6	48.6	73.0
39	36.8	29.4	44.2



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: 100.746 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

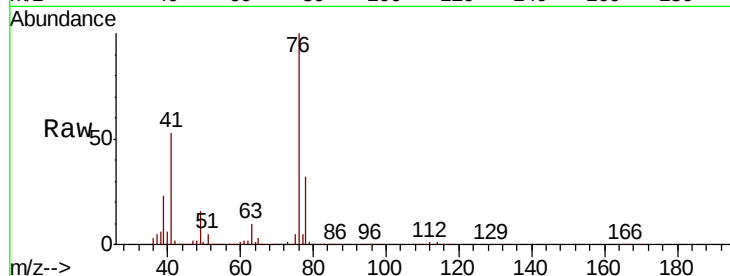
VSTDIC100

Tot Ion: 76 Resp: 255231

Ion Ratio Lower Upper

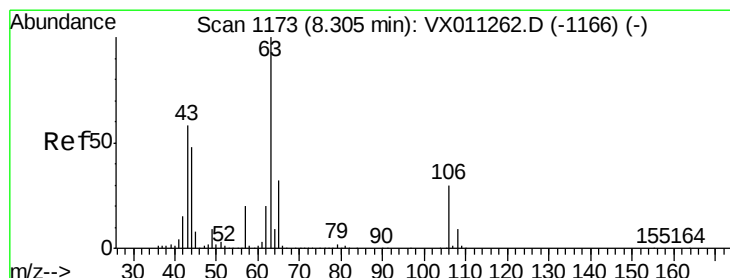
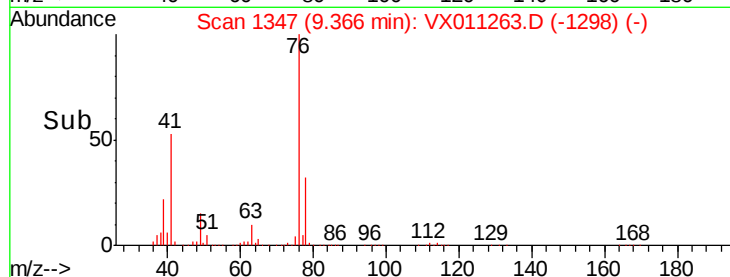
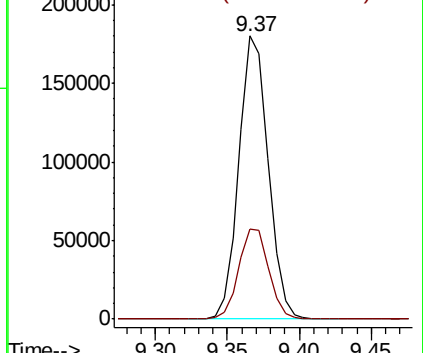
76 100

78 32.7 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 532.292 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011263.D

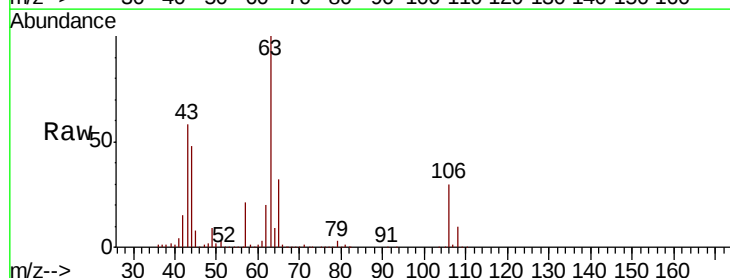
Acq: 01 Aug 2019 16:37

Tgt Ion: 63 Resp: 593533

Ion Ratio Lower Upper

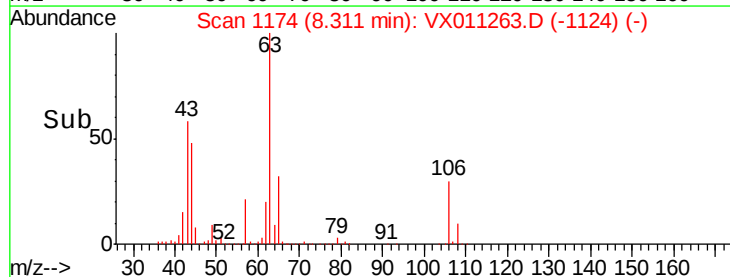
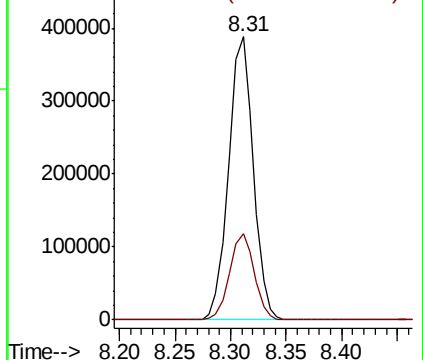
63 100

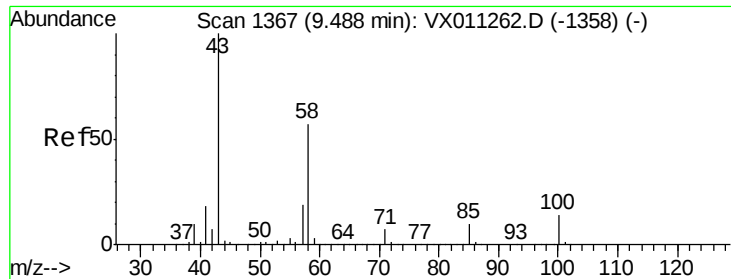
106 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

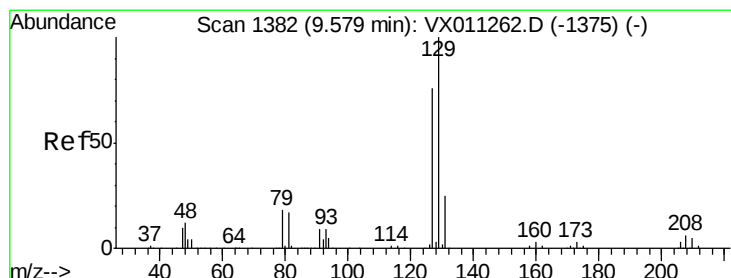
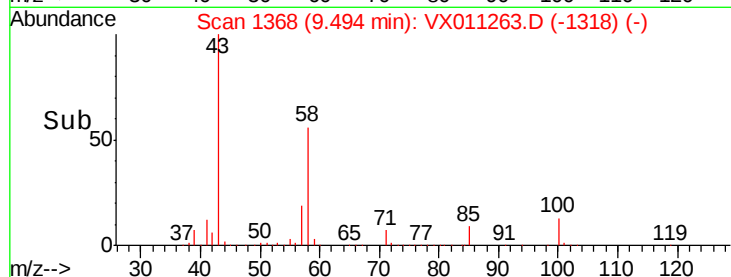
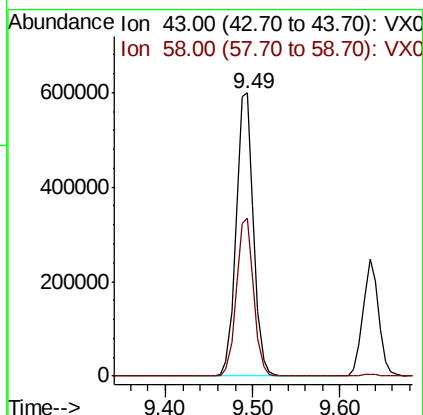
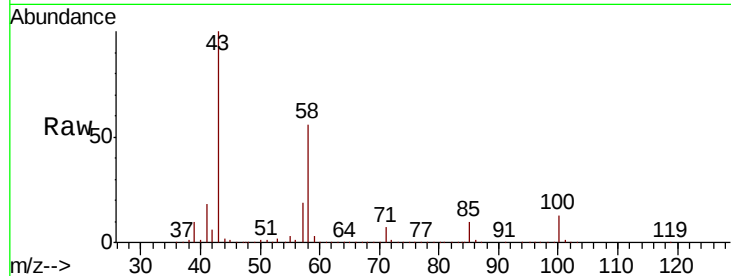




#59
2-Hexanone
Concen: 511.954 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

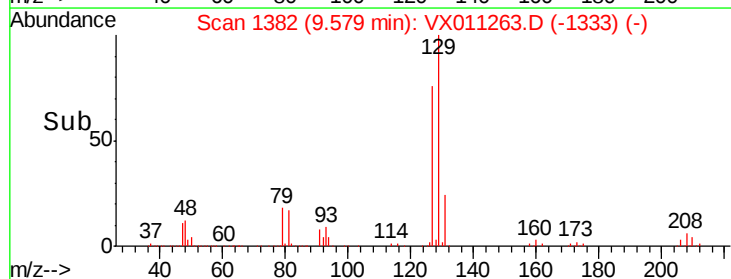
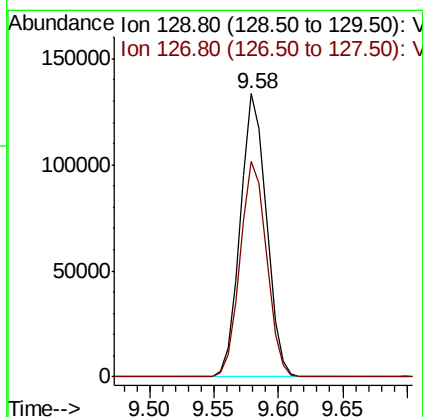
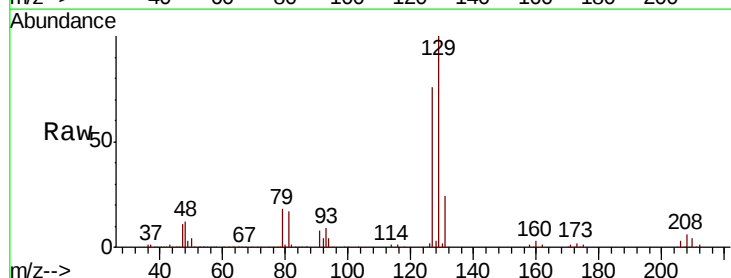
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

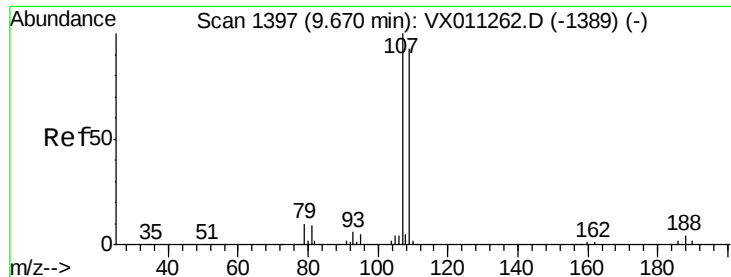
Tot Ion: 43 Resp: 834632
Ion Ratio Lower Upper
43 100
58 55.7 28.2 84.6



#60
Dibromochloromethane
Concen: 115.879 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 129 Resp: 187462
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 105.356 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

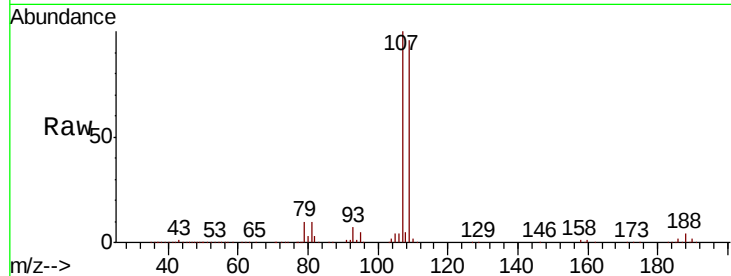
VSTDIC100

Tot Ion:107 Resp: 179308

Ion Ratio Lower Upper

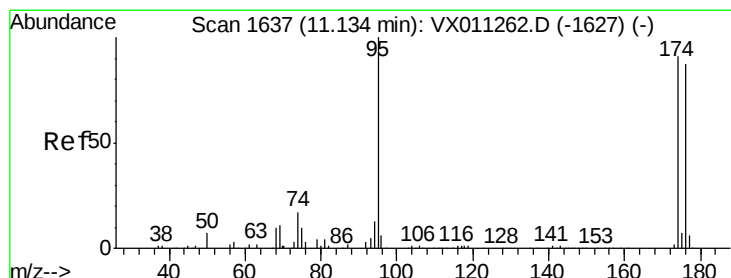
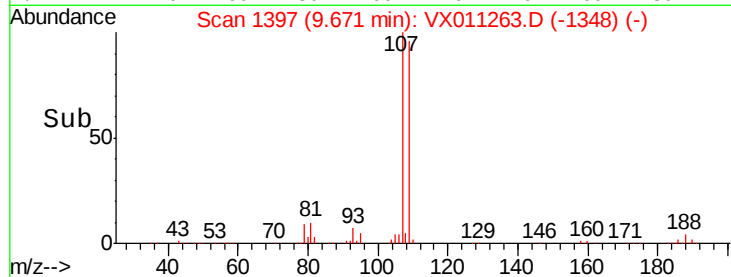
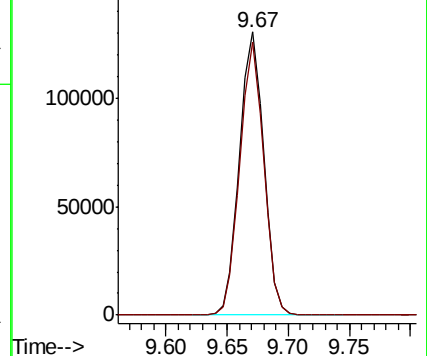
107 100

109 95.1 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 107.182 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

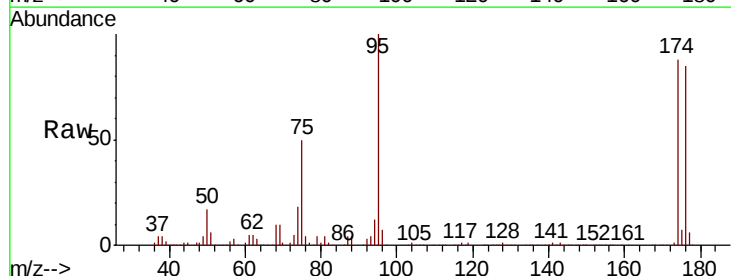
Tgt Ion: 95 Resp: 216934

Ion Ratio Lower Upper

95 100

174 93.3 0.0 191.2

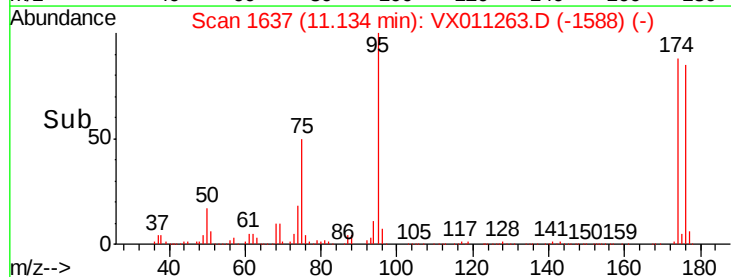
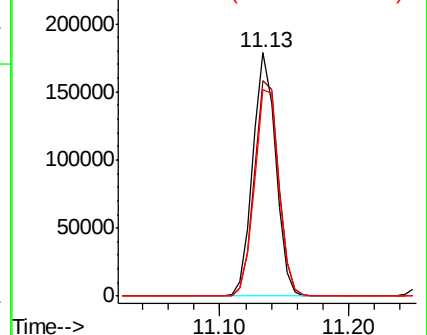
176 89.8 0.0 184.8

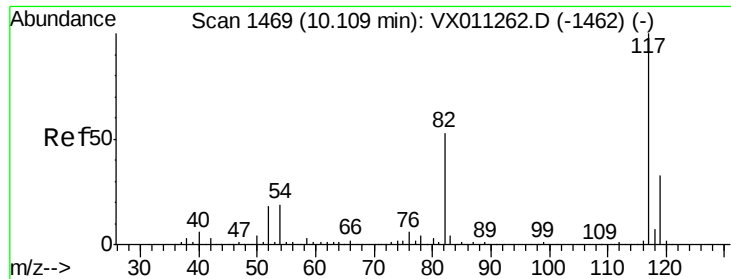


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

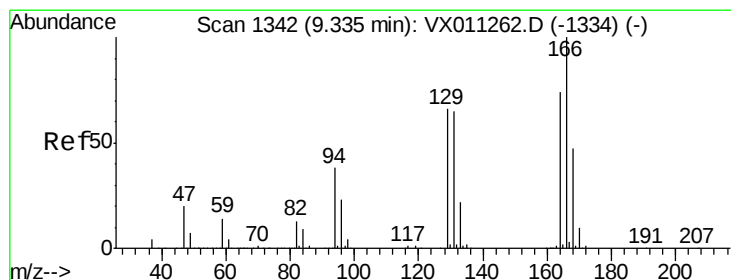
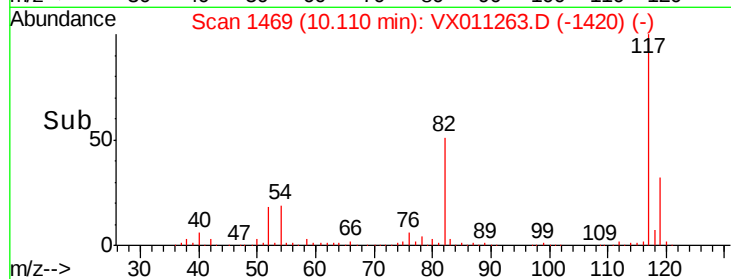
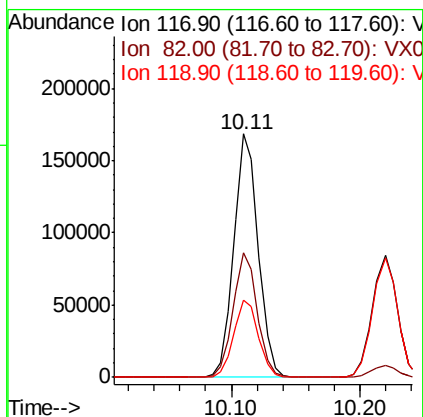
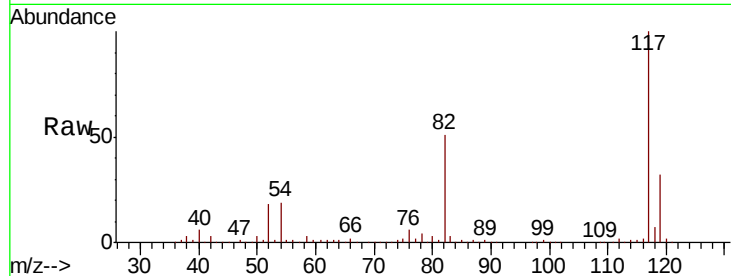




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

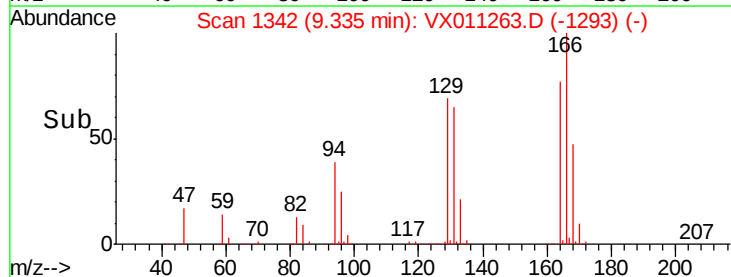
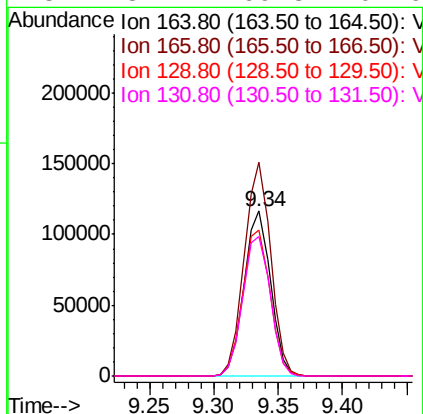
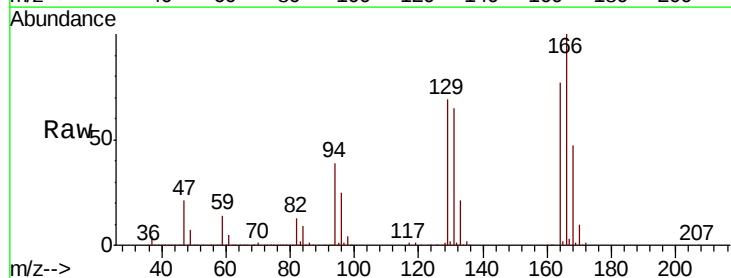
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 222181
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.2
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 93.110 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion:164 Resp: 165484
Ion Ratio Lower Upper
164 100
166 129.5 107.5 161.3
129 88.8 71.0 106.4
131 84.4 69.8 104.6

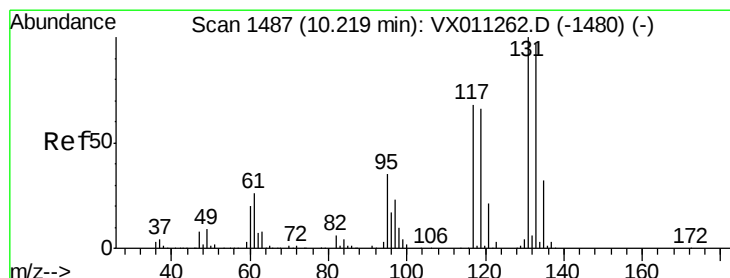
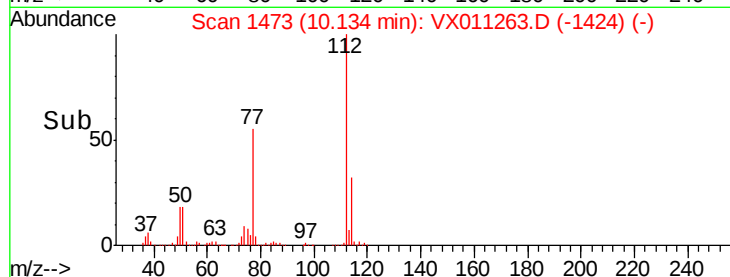
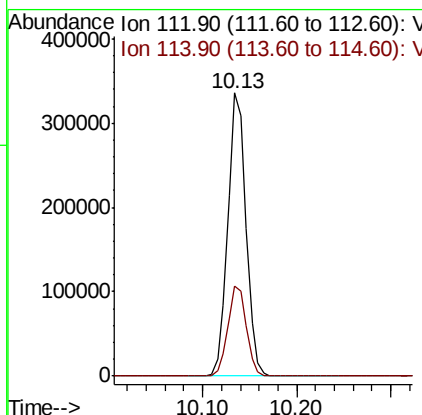
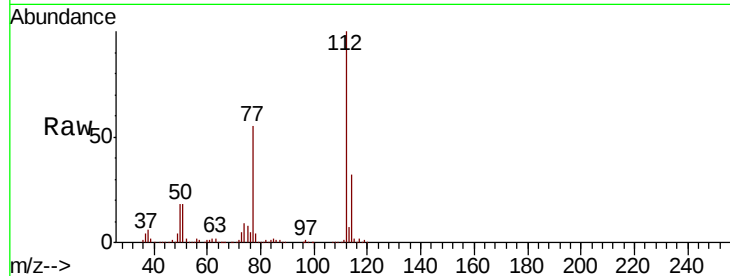




#65
Chlorobenzene
Concen: 97.202 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

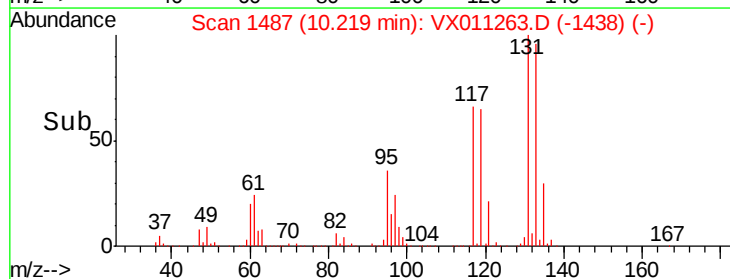
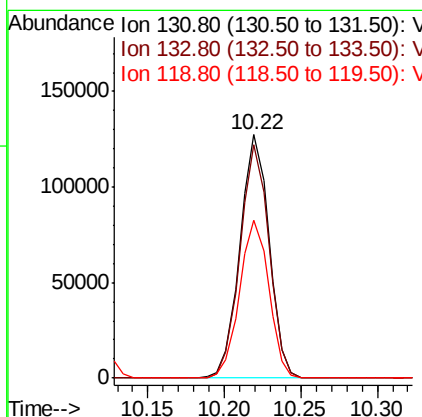
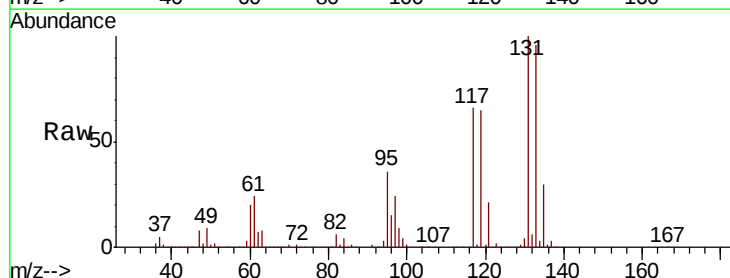
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

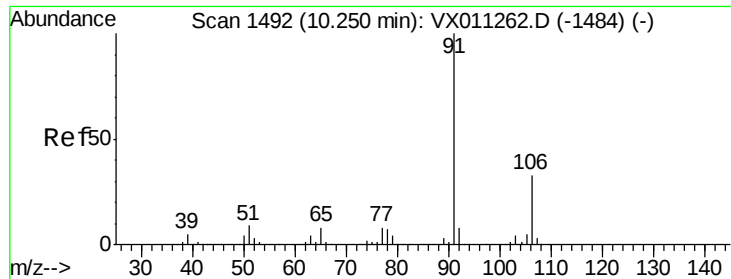
Tot Ion:112 Resp: 449898
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 104.114 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion:131 Resp: 168723
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 65.4 32.8 98.3





#67

Ethyl Benzene

Concen: 99.385 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

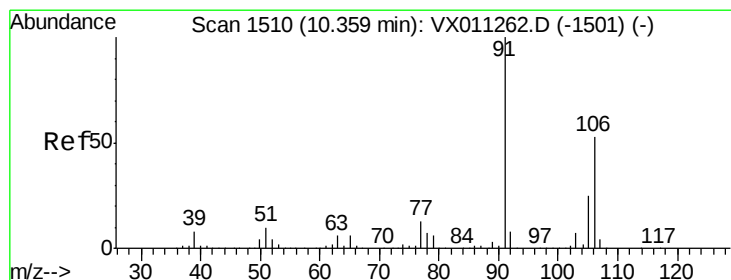
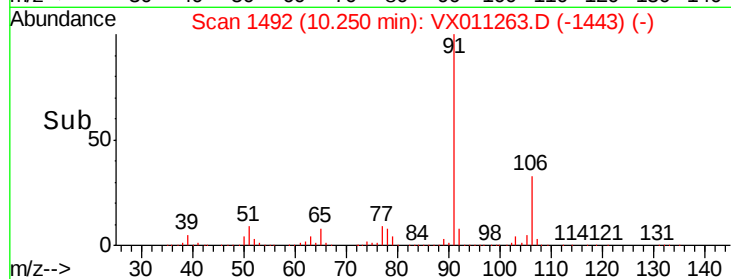
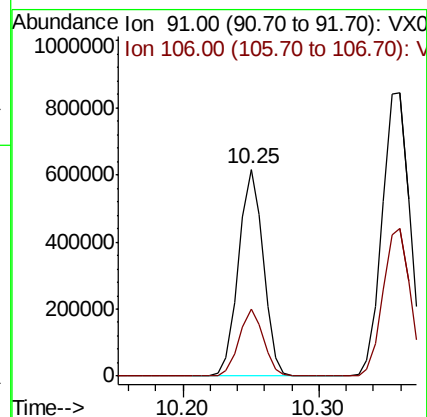
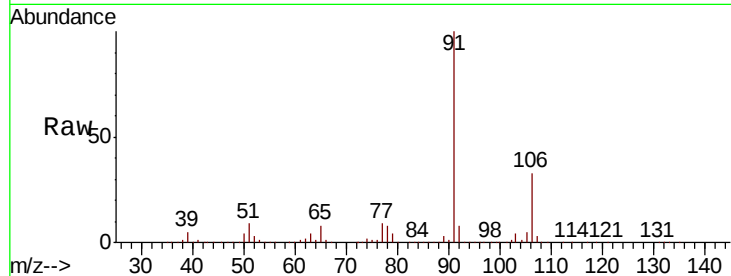
VSTDIC100

Tot Ion: 91 Resp: 780285

Ion Ratio Lower Upper

91 100

106 32.5 26.2 39.4



#68

m/p-Xylenes

Concen: 201.720 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX011263.D

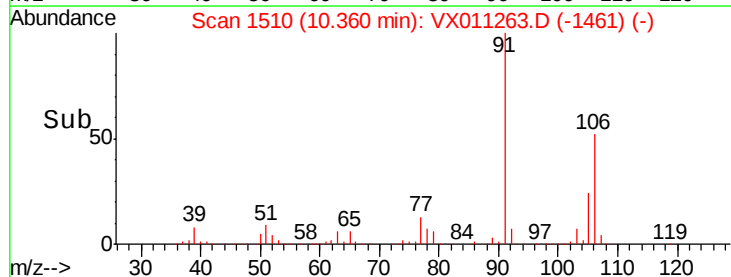
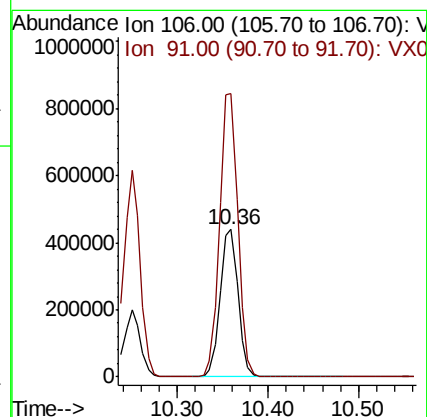
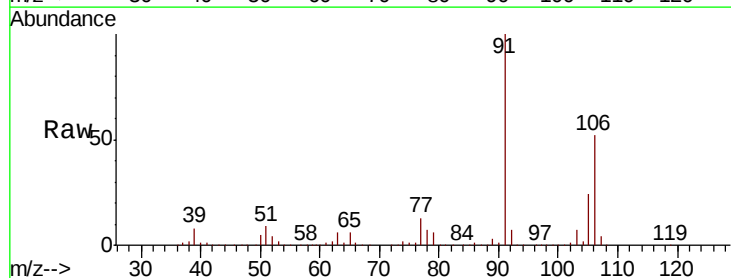
Acq: 01 Aug 2019 16:37

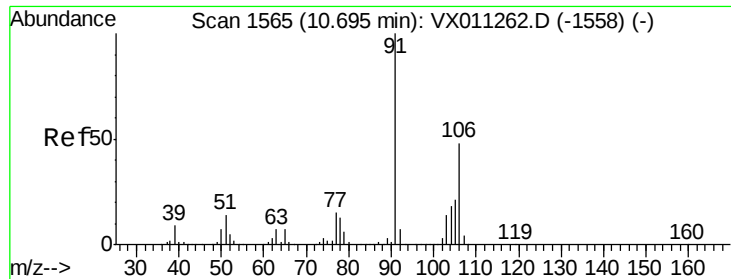
Tgt Ion: 106 Resp: 610625

Ion Ratio Lower Upper

106 100

91 195.4 155.9 233.9

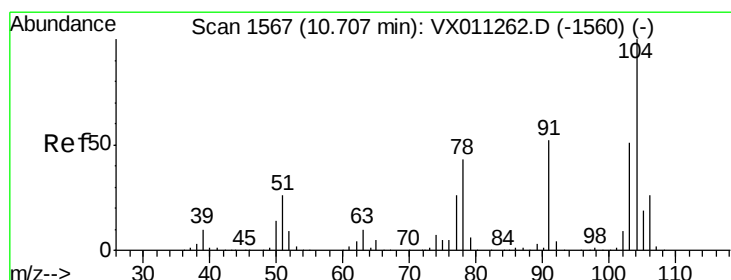
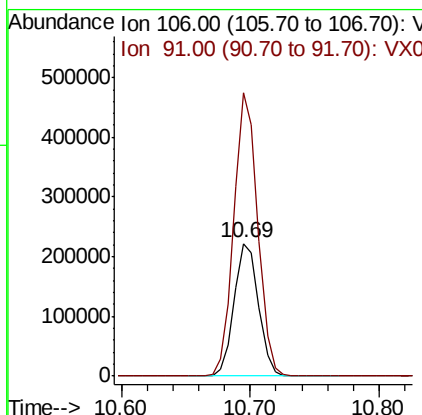
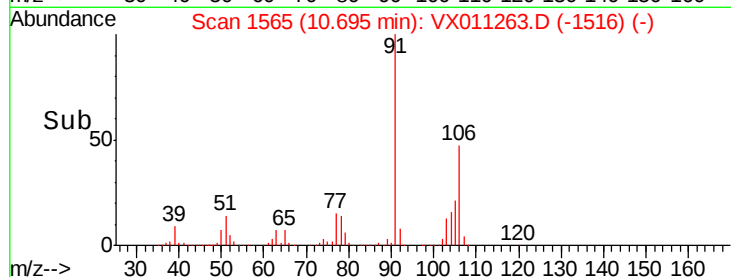
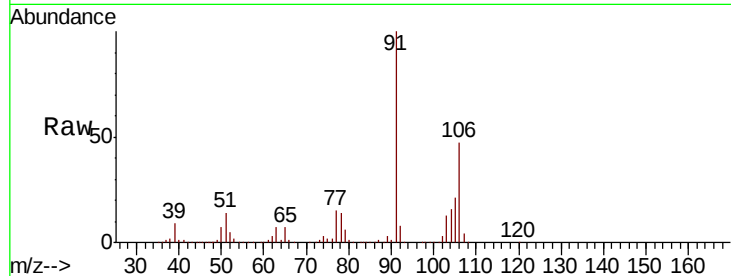




#69
o-Xylene
Concen: 100.152 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

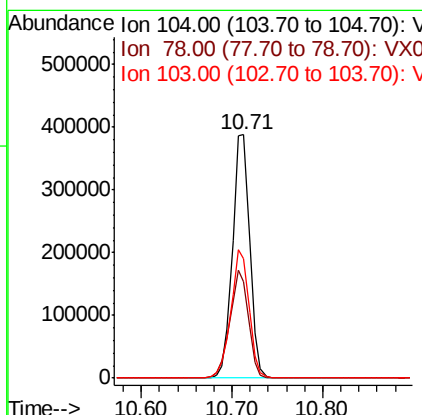
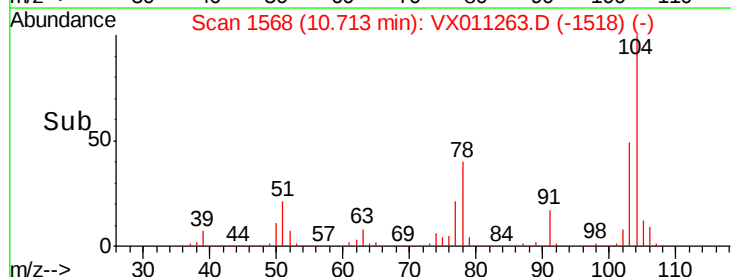
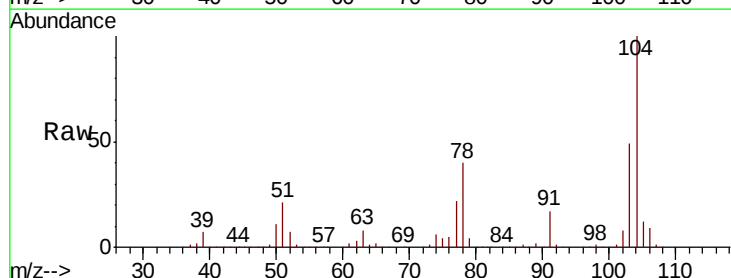
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

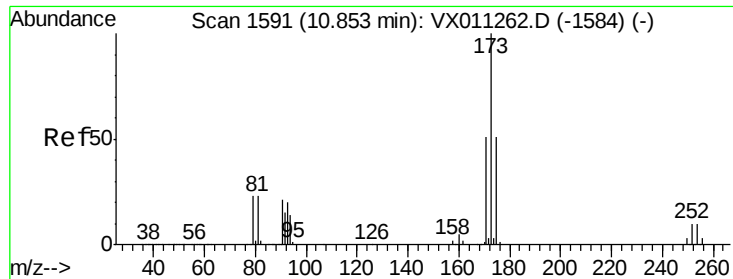
Tot Ion:106 Resp: 294909
Ion Ratio Lower Upper
106 100
91 207.8 103.8 311.3



#70
Styrene
Concen: 104.473 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion:104 Resp: 513582
Ion Ratio Lower Upper
104 100
78 47.5 36.9 55.3
103 55.5 44.4 66.6





#71

Bromoform

Concen: 113.212 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

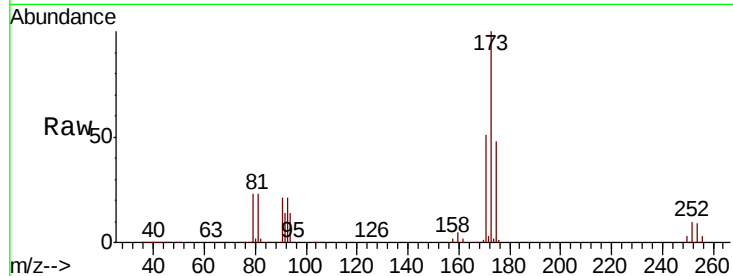
Tot Ion:173 Resp: 146338

Ion Ratio Lower Upper

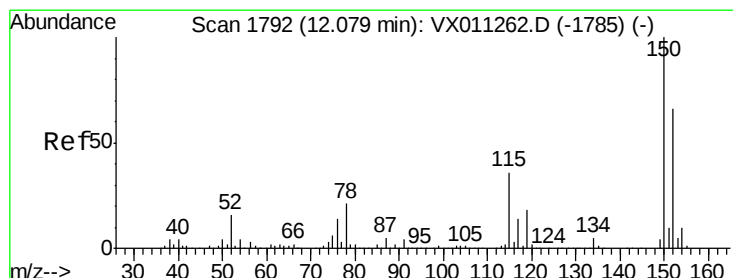
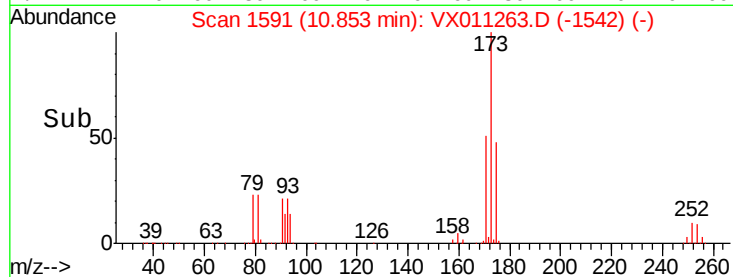
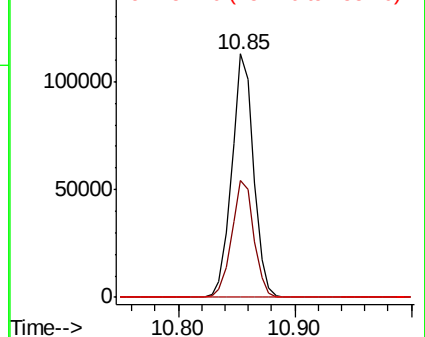
173 100

175 48.6 24.4 73.4

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

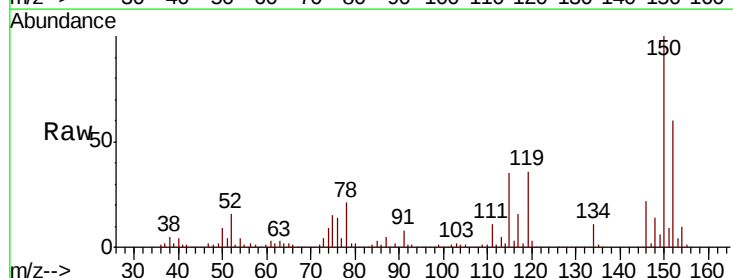
Tgt Ion:152 Resp: 118258

Ion Ratio Lower Upper

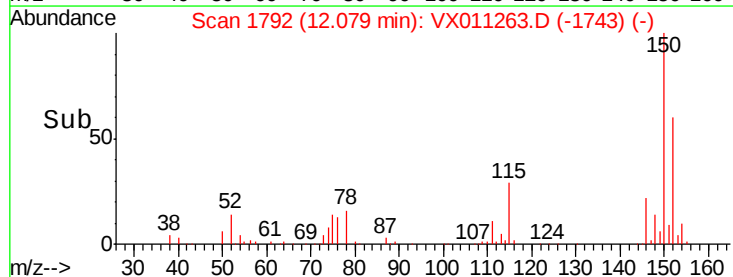
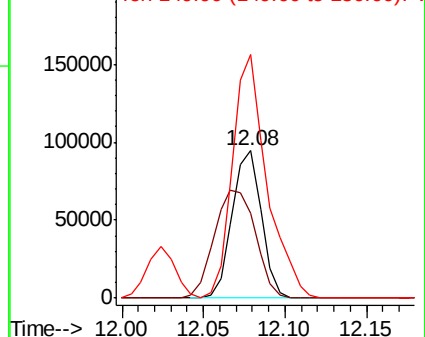
152 100

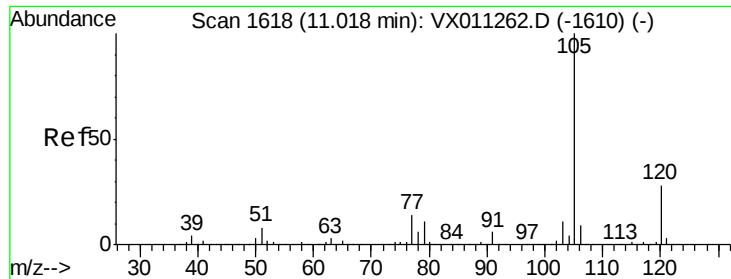
115 102.9 40.0 119.9

150 193.1 0.0 350.4



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





#73

Isopropylbenzene

Concen: 99.434 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

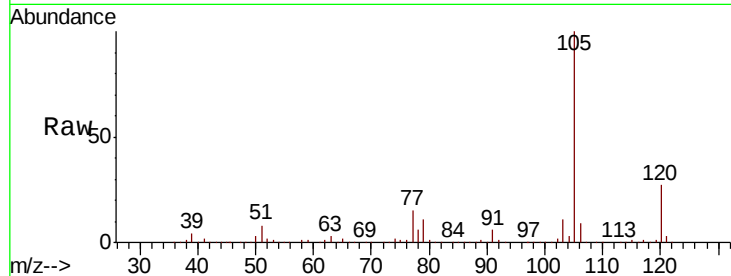
VSTDIC100

Tot Ion:105 Resp: 802663

Ion Ratio Lower Upper

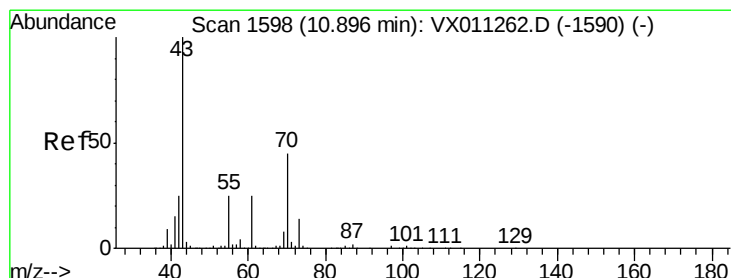
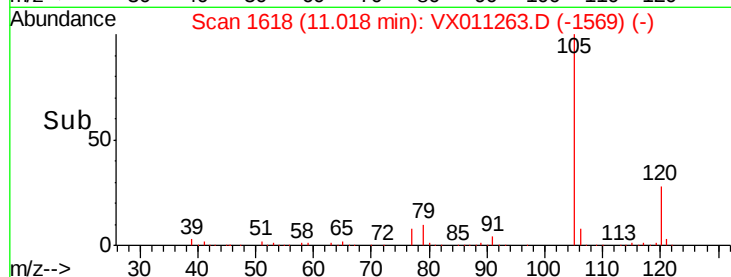
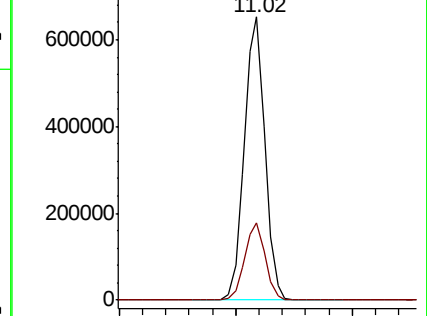
105 100

120 27.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 100.737 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion: 43 Resp: 308949

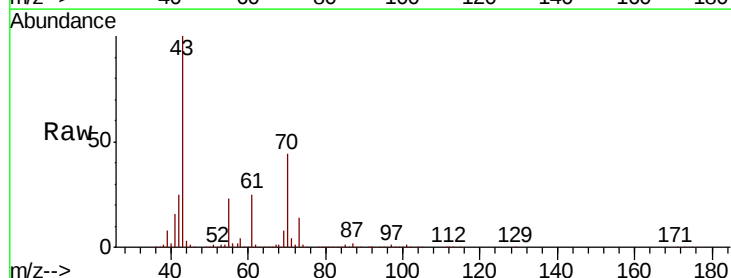
Ion Ratio Lower Upper

43 100

70 44.0 35.9 53.9

55 23.7 19.8 29.6

61 24.7 19.7 29.5

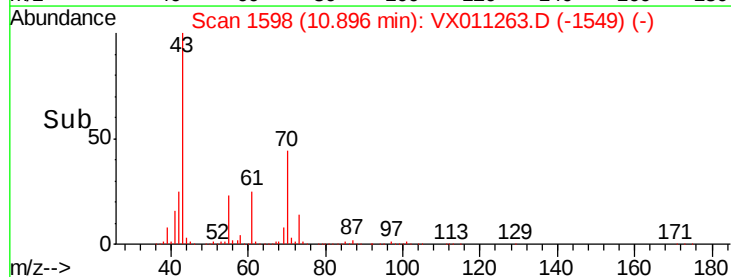
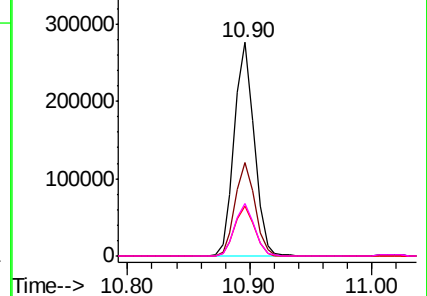


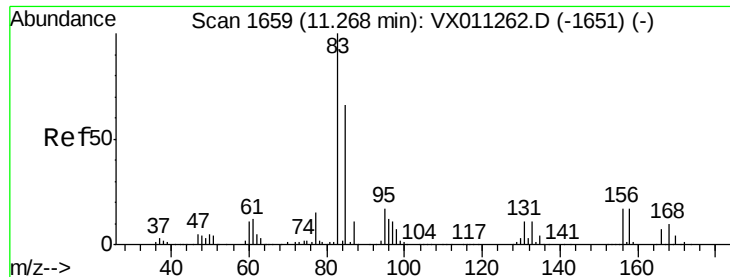
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 96.006 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

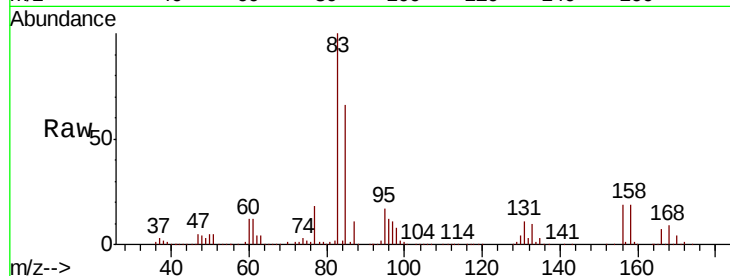
Tot Ion: 83 Resp: 253782

Ion Ratio Lower Upper

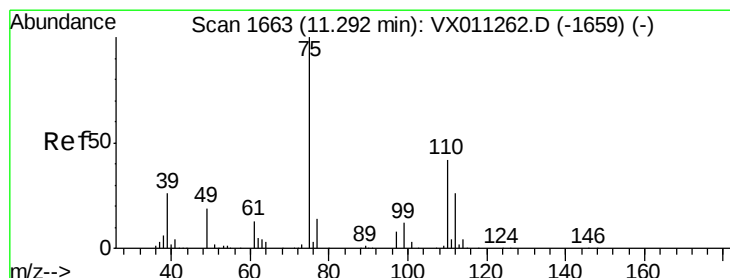
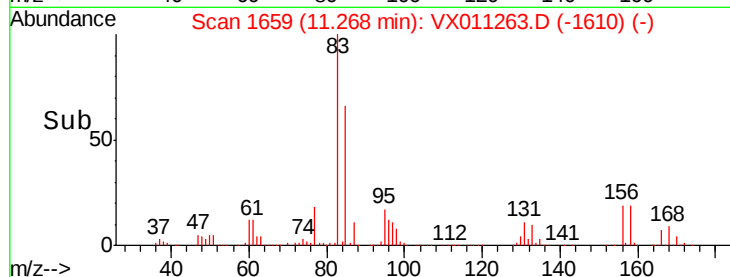
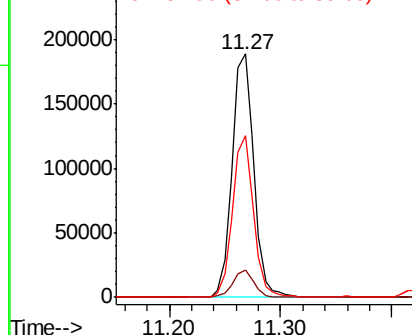
83 100

131 10.8 5.6 16.8

85 64.5 32.1 96.5



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: 131.844 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011263.D

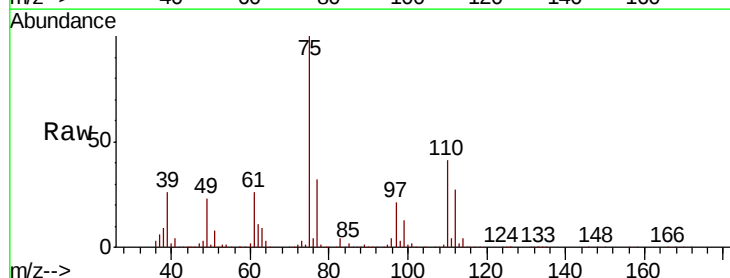
Acq: 01 Aug 2019 16:37

Tgt Ion: 75 Resp: 283987

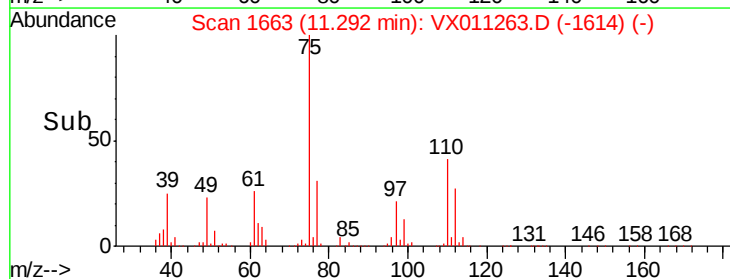
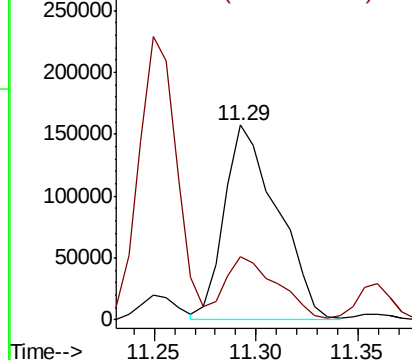
Ion Ratio Lower Upper

75 100

77 32.2 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 97.472 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

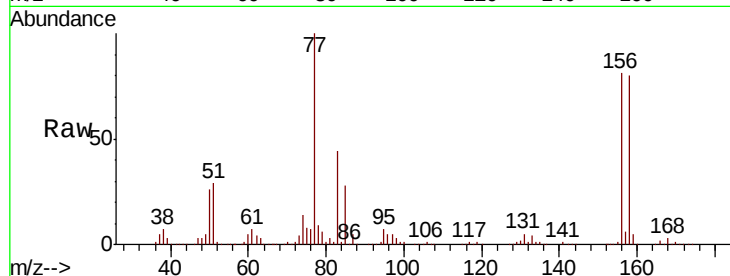
Tot Ion:156 Resp: 217179

Ion Ratio Lower Upper

156 100

77 135.5 66.2 198.6

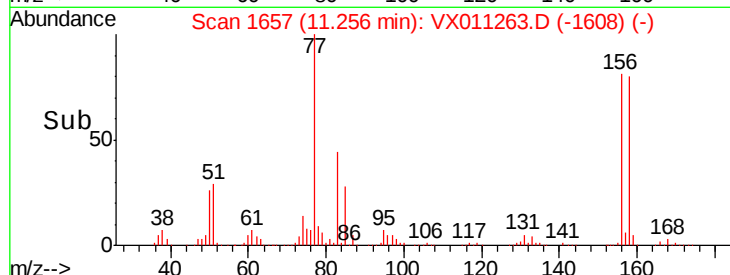
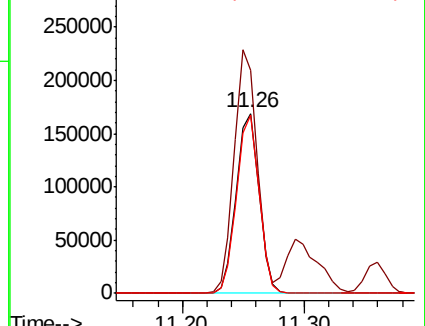
158 97.4 49.1 147.3



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: 102.101 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011263.D

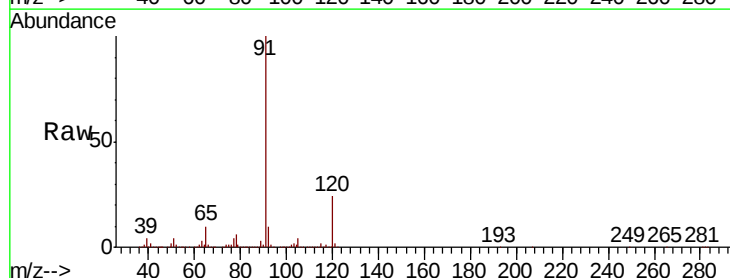
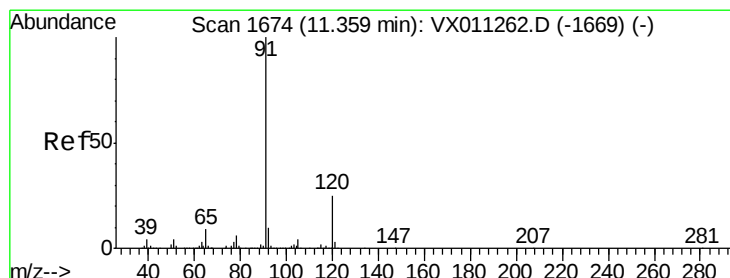
Acq: 01 Aug 2019 16:37

Tgt Ion: 91 Resp: 909685

Ion Ratio Lower Upper

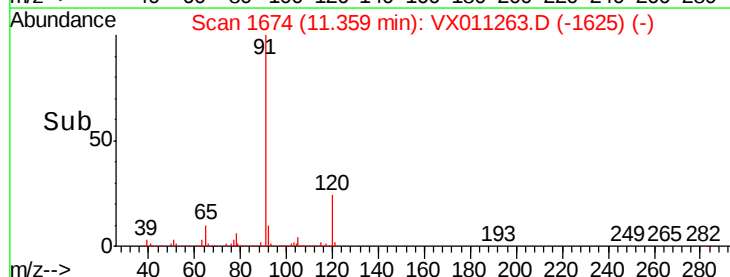
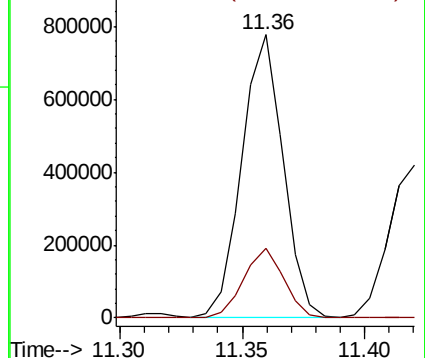
91 100

120 24.1 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

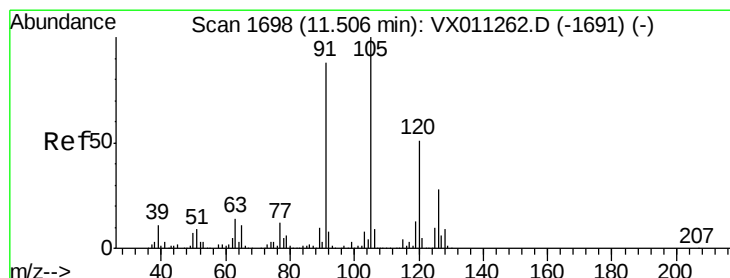
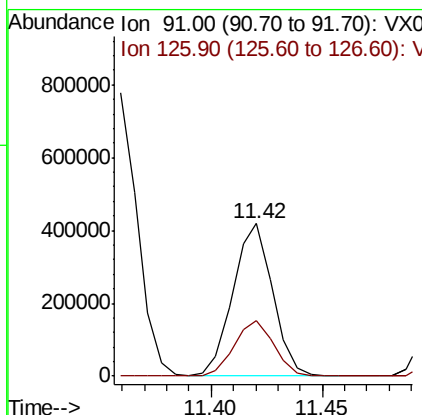
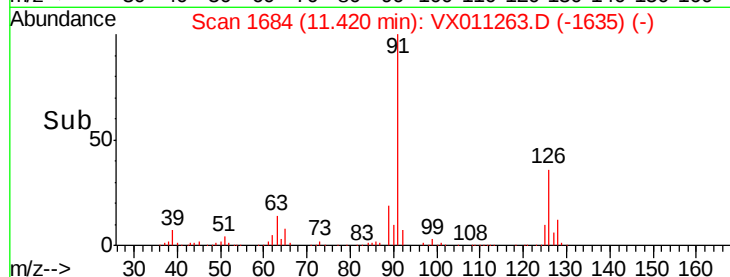
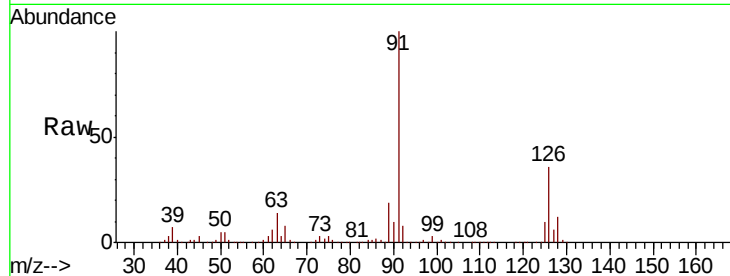




#79
2-Chlorotoluene
Concen: 97.208 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

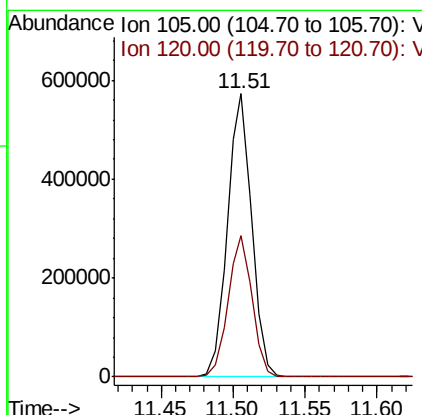
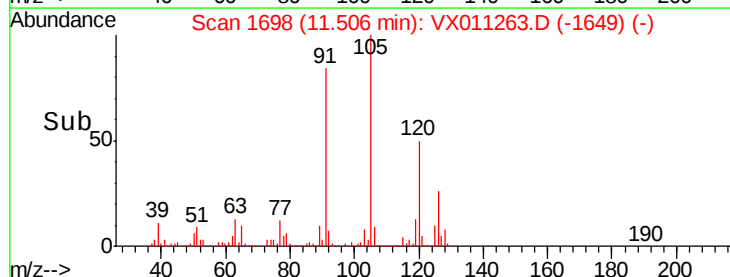
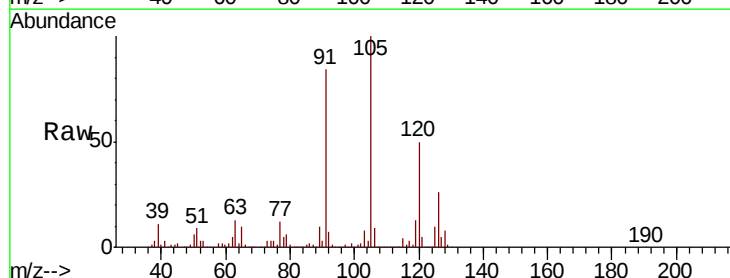
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

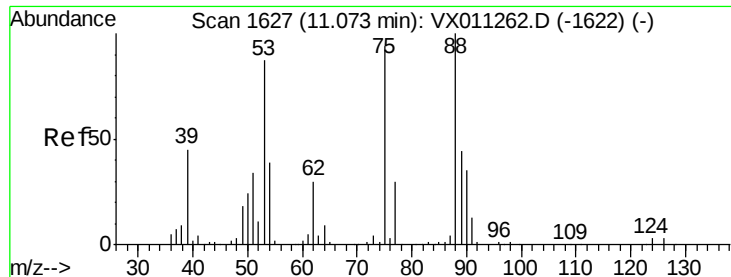
Tot Ion: 91 Resp: 518986
Ion Ratio Lower Upper
91 100
126 36.6 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 100.862 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion:105 Resp: 677430
Ion Ratio Lower Upper
105 100
120 49.4 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 106.327 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

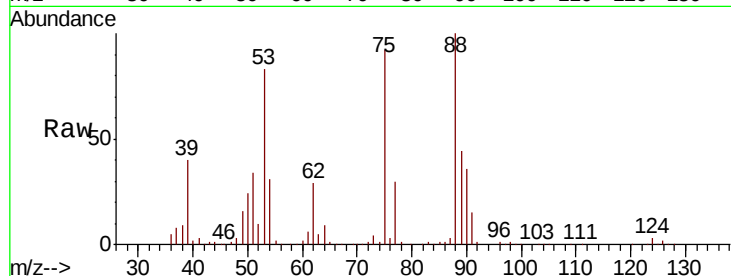
Tot Ion: 75 Resp: 82609

Ion Ratio Lower Upper

75 100

53 93.6 78.2 117.4

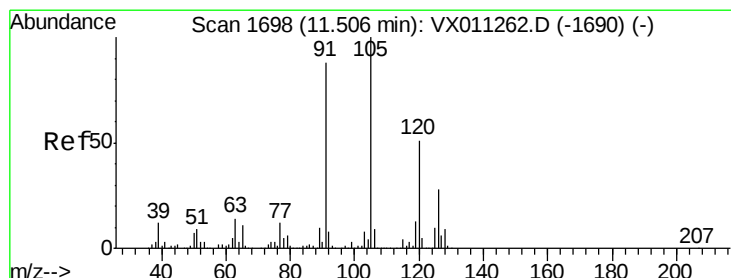
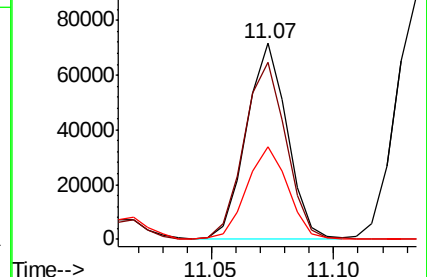
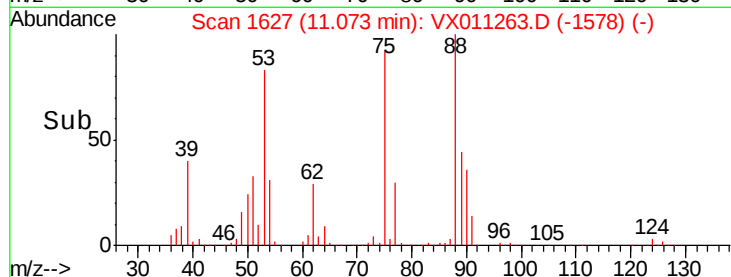
89 48.6 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 99.350 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011263.D

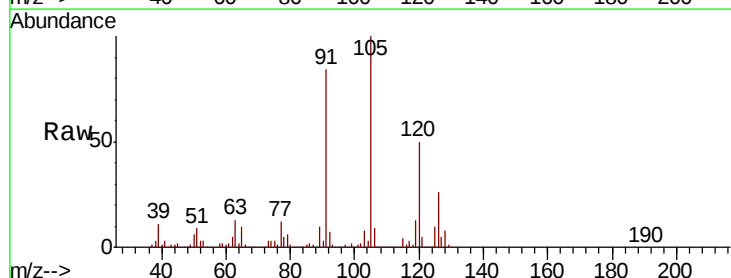
Acq: 01 Aug 2019 16:37

Tgt Ion: 91 Resp: 618342

Ion Ratio Lower Upper

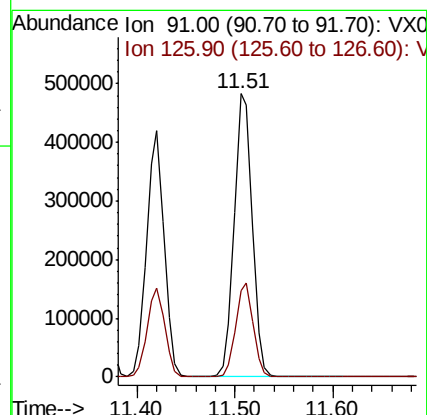
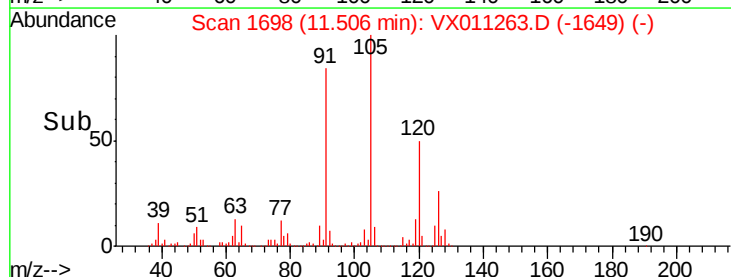
91 100

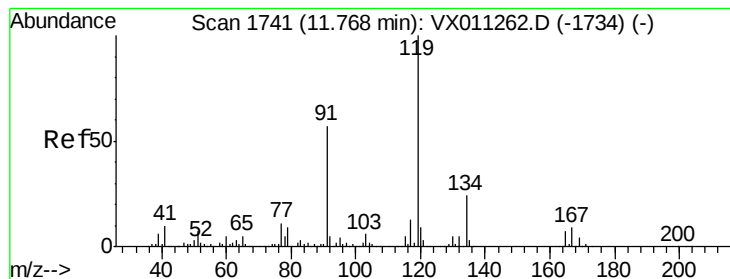
126 32.2 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 99.769 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

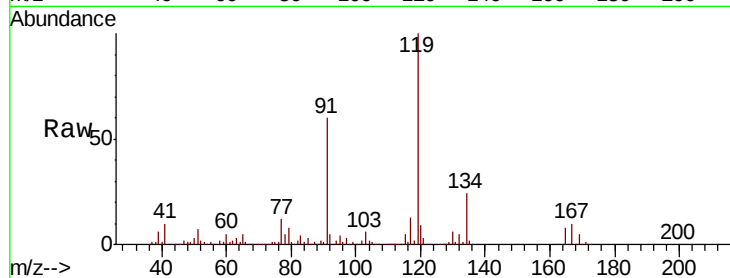
Tot Ion:119 Resp: 660192

Ion Ratio Lower Upper

119 100

91 56.5 28.0 84.0

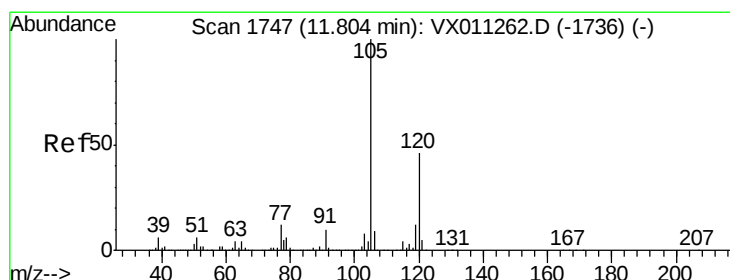
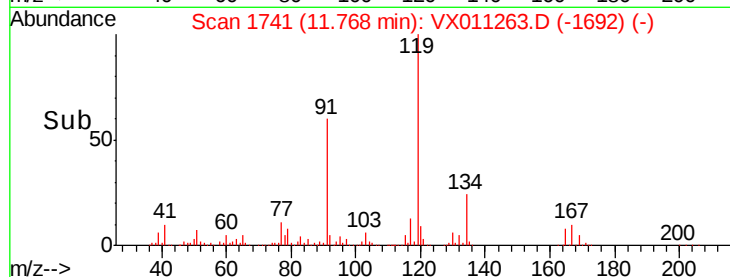
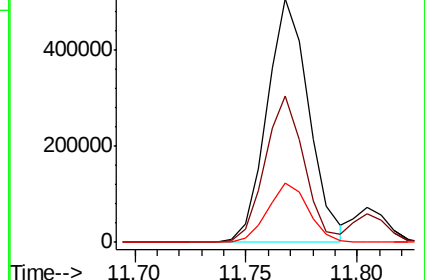
134 23.5 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 100.150 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011263.D

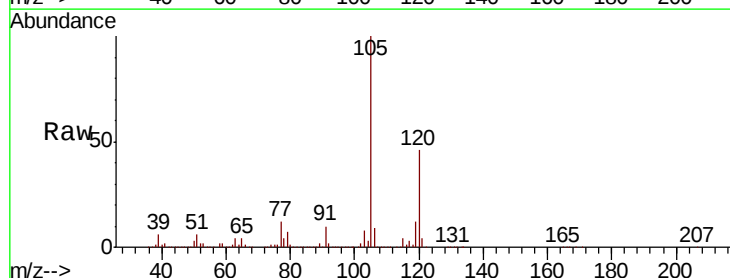
Acq: 01 Aug 2019 16:37

Tgt Ion:105 Resp: 680480

Ion Ratio Lower Upper

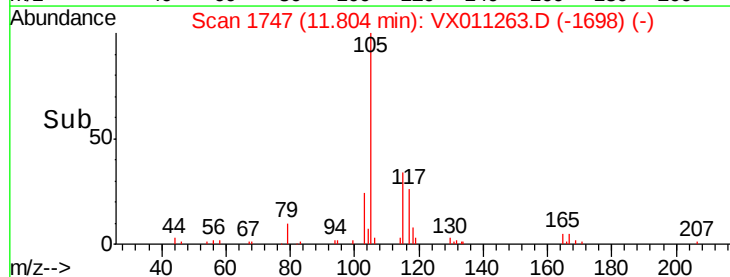
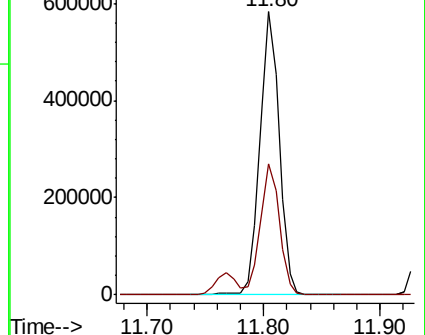
105 100

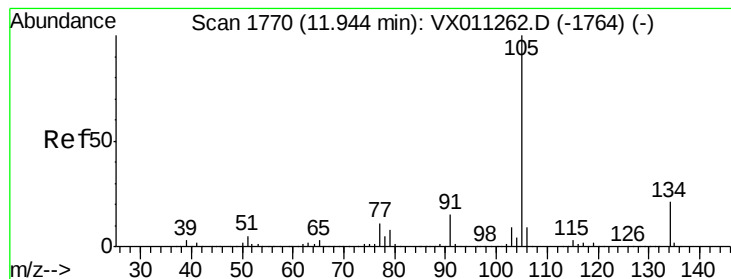
120 46.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 101.785 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

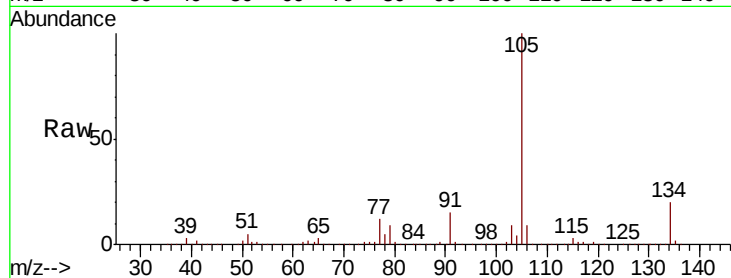
VSTDIC100

Tot Ion:105 Resp: 790422

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

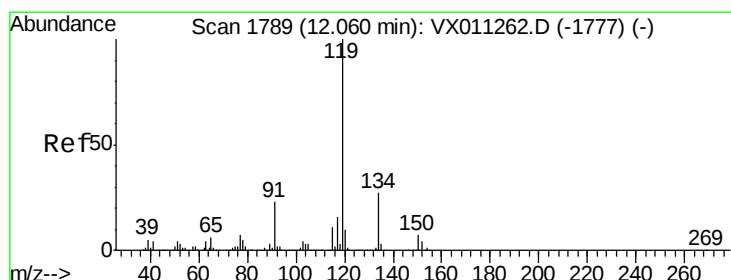
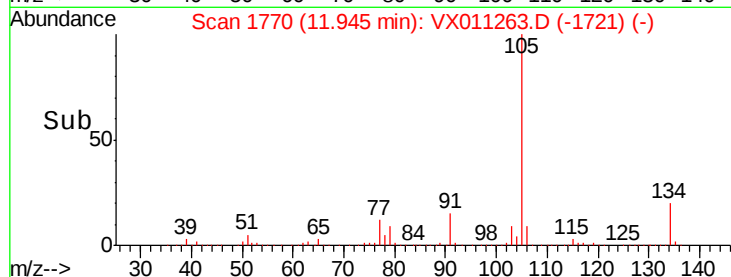
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 103.144 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

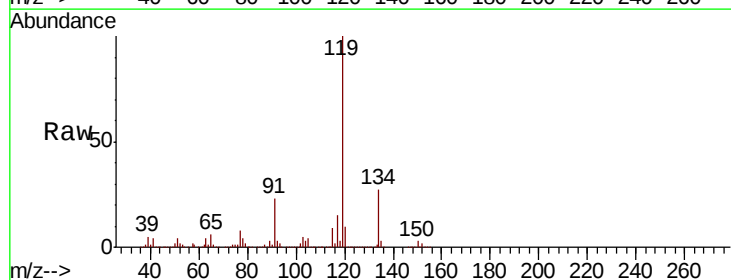
Tgt Ion:119 Resp: 741177

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 22.9 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

800000

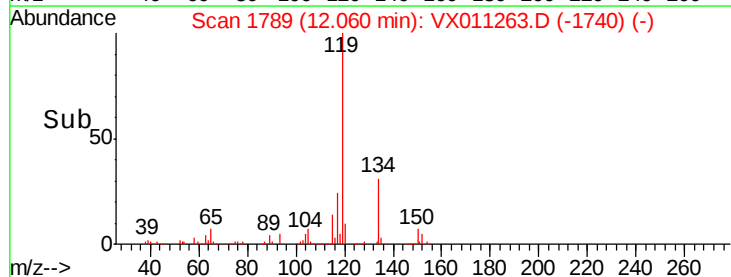
600000

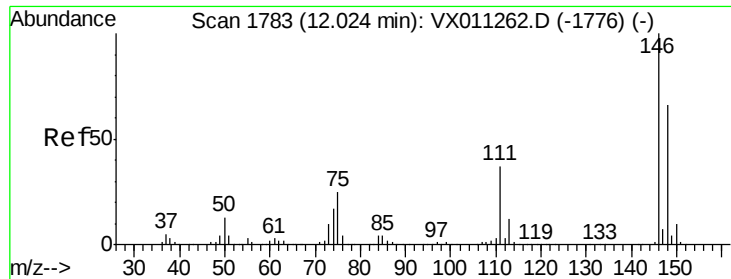
400000

200000

0

Time-->

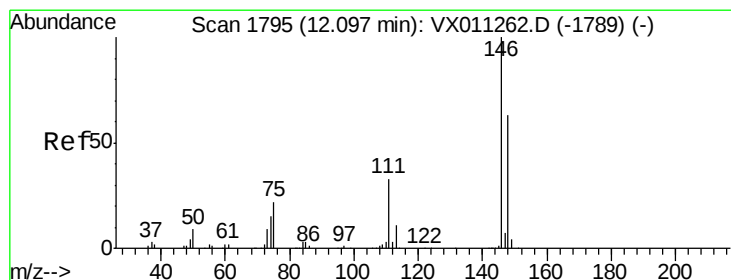
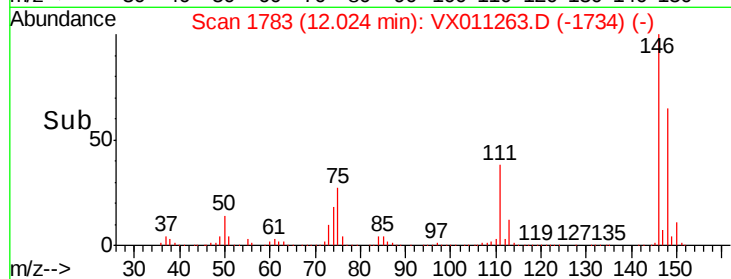
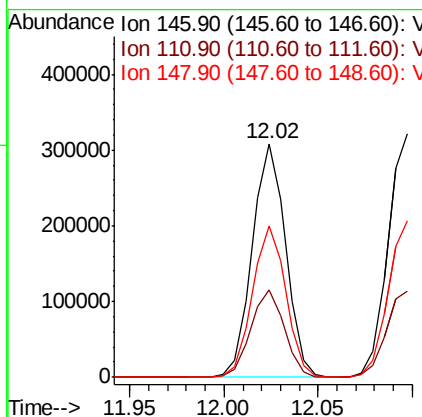
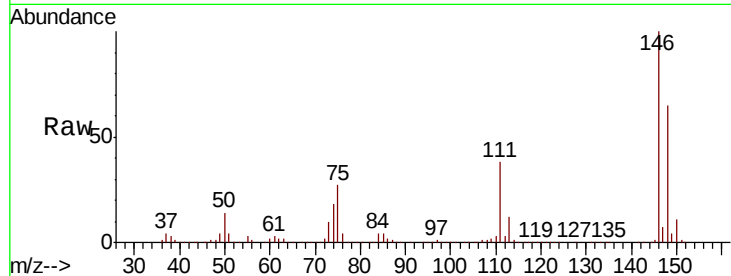




#87
 1,3-Dichlorobenzene
 Concen: 97.930 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

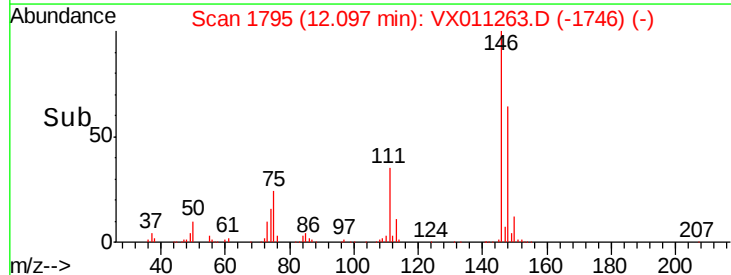
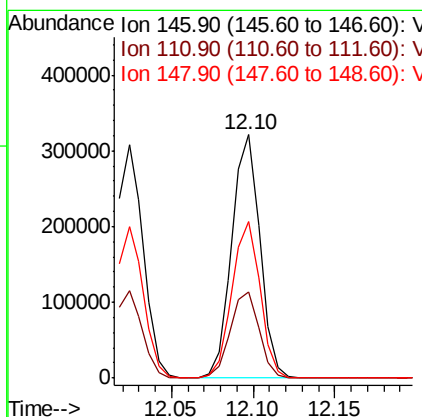
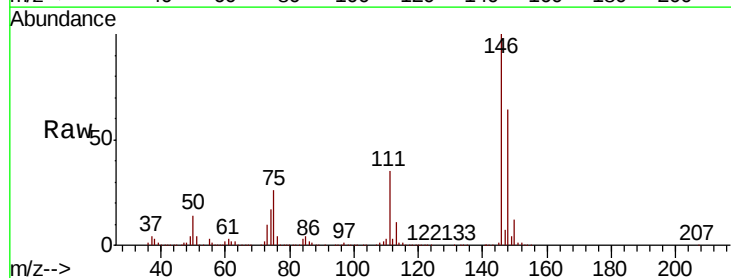
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:146 Resp: 379742
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 64.5 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 97.080 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion:146 Resp: 385770
 Ion Ratio Lower Upper
 146 100
 111 36.5 17.8 53.4
 148 64.1 31.8 95.3

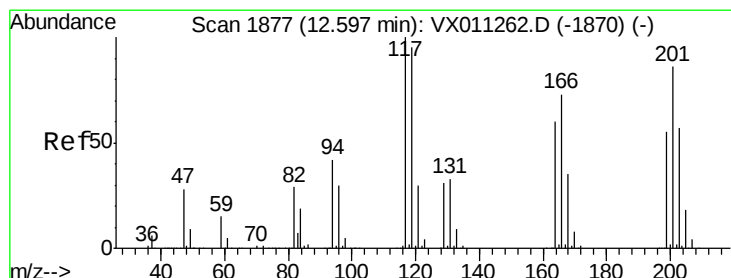
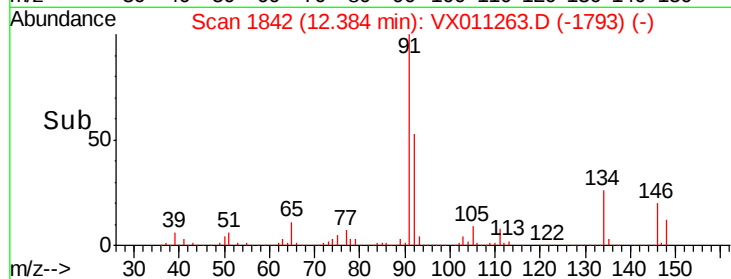
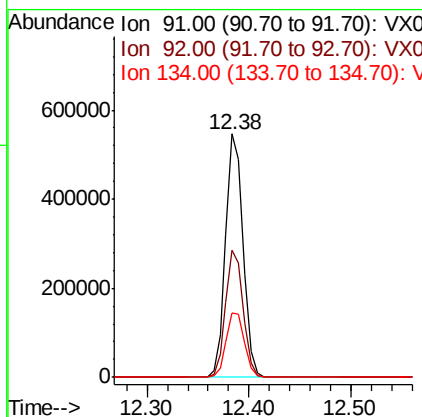
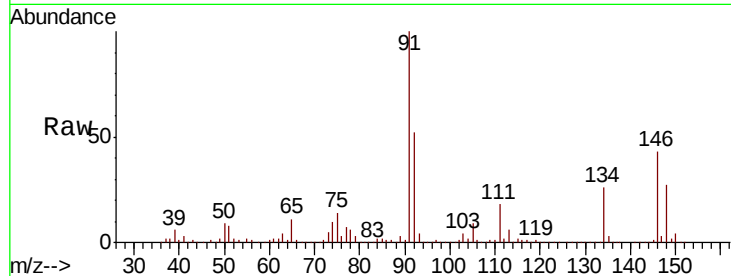




#89
n-Butylbenzene
Concen: 105.396 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

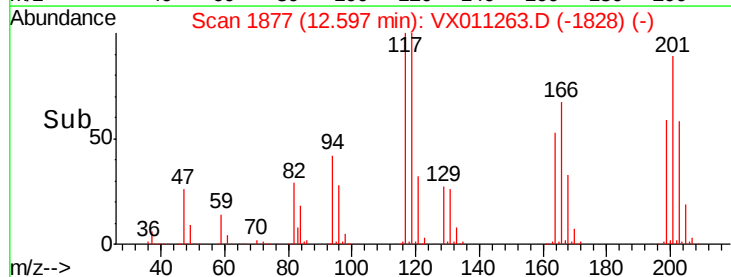
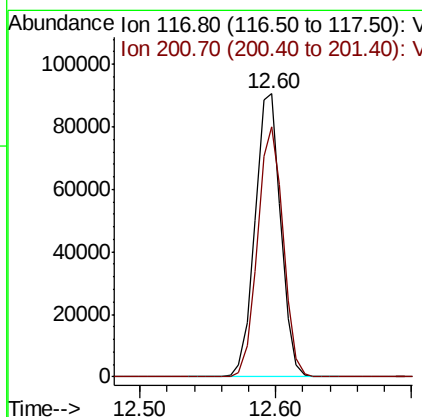
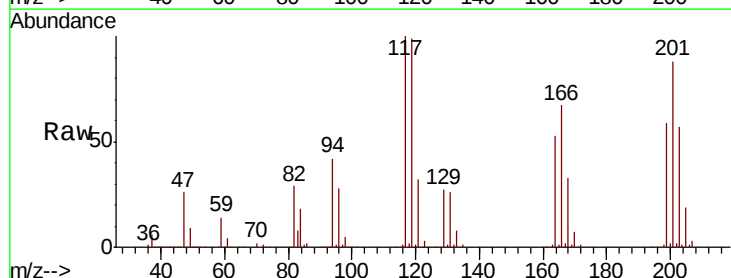
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 647829
Ion Ratio Lower Upper
91 100
92 52.5 25.8 77.3
134 27.5 13.7 41.0



#90
Hexachloroethane
Concen: 106.809 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 117 Resp: 120518
Ion Ratio Lower Upper
117 100
201 87.8 41.8 125.4





#91

1,2-Dichlorobenzene

Concen: 96.752 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

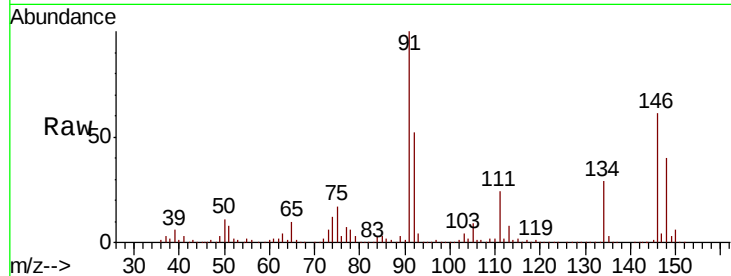
Tot Ion:146 Resp: 372230

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.1

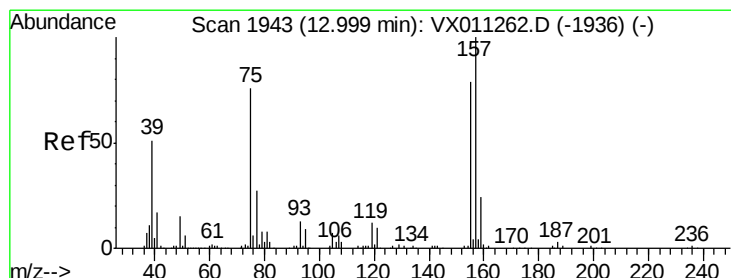
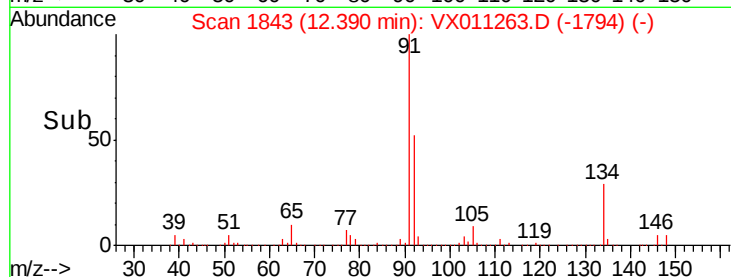
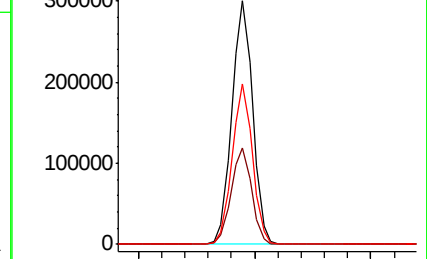
148 64.2 32.3 96.8



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: 99.902 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

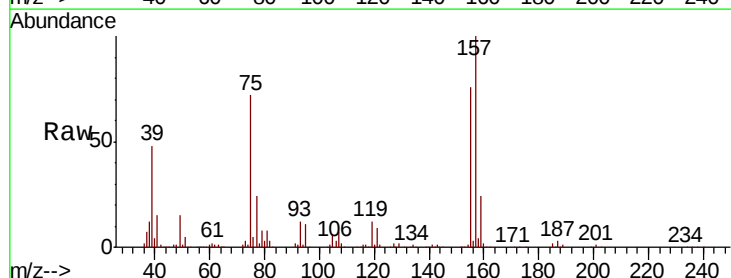
Tgt Ion: 75 Resp: 54687

Ion Ratio Lower Upper

75 100

155 100.1 51.9 155.8

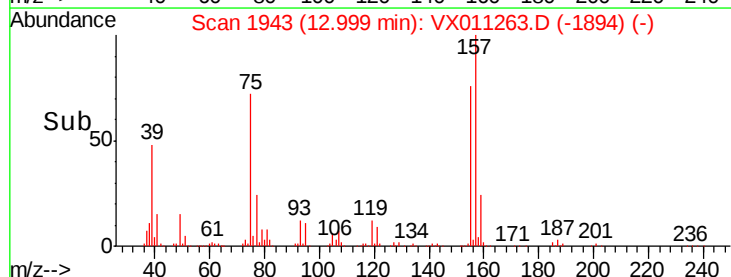
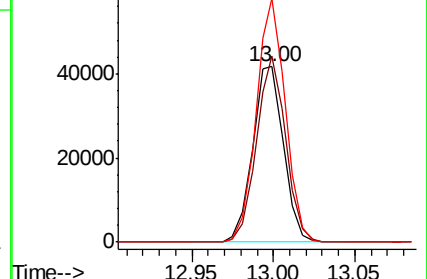
157 130.6 64.3 192.7

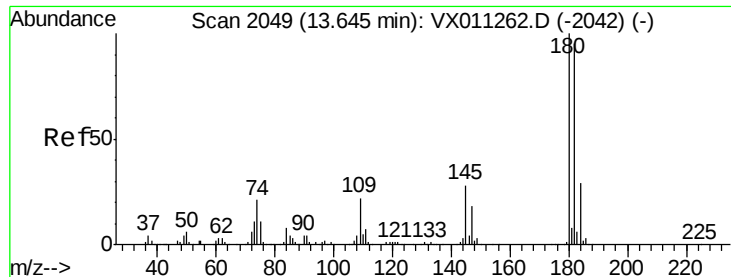


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

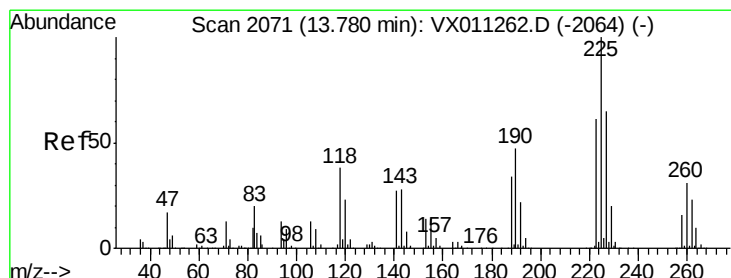
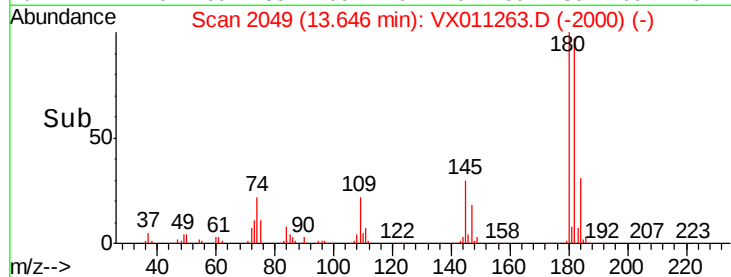
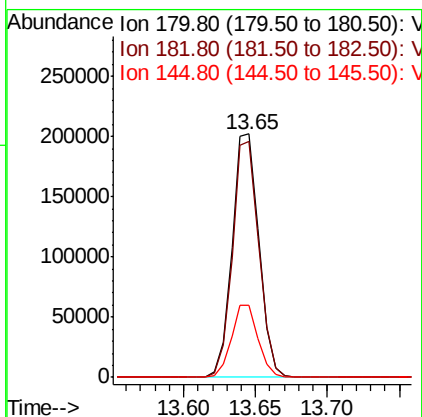
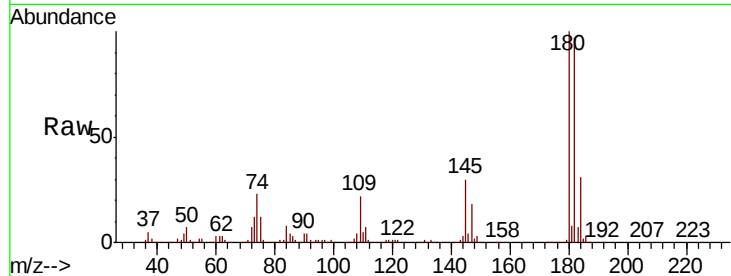




#93
1,2,4-Trichlorobenzene
Concen: 100.920 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

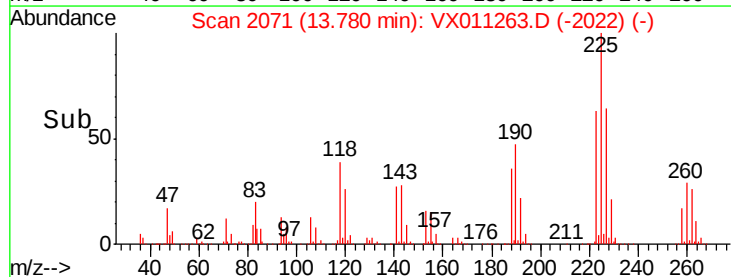
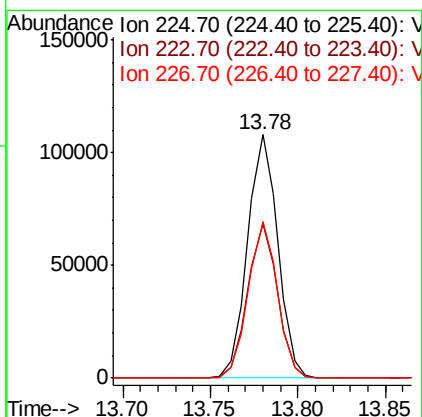
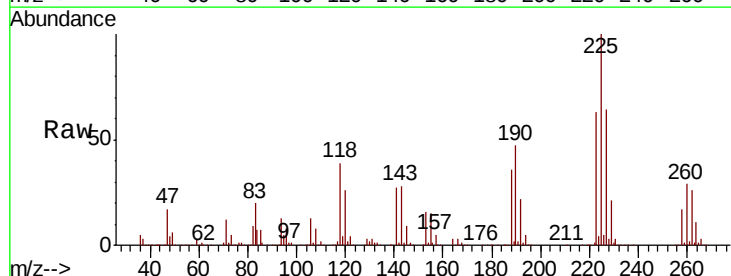
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:180 Resp: 262360
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.4
145 29.8 14.8 44.3



#94
Hexachlorobutadiene
Concen: 100.167 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion:225 Resp: 129522
Ion Ratio Lower Upper
225 100
223 62.8 31.0 93.0
227 62.1 32.2 96.6

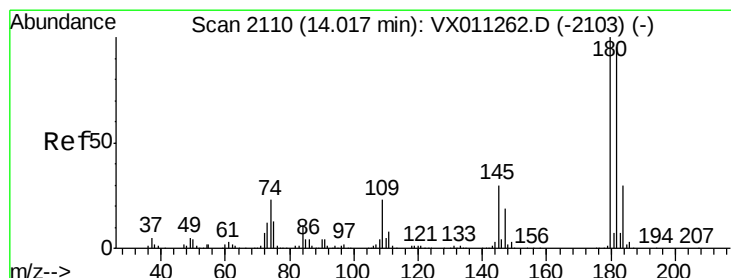
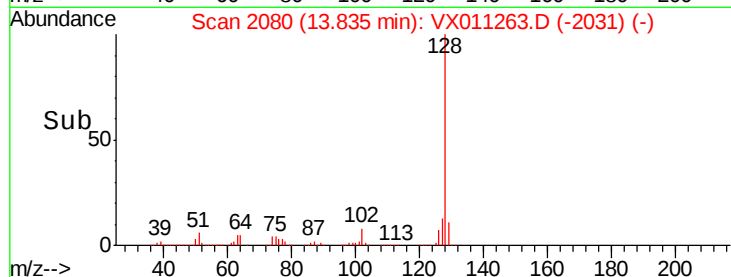
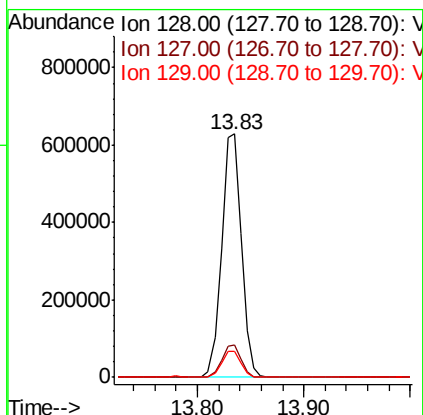
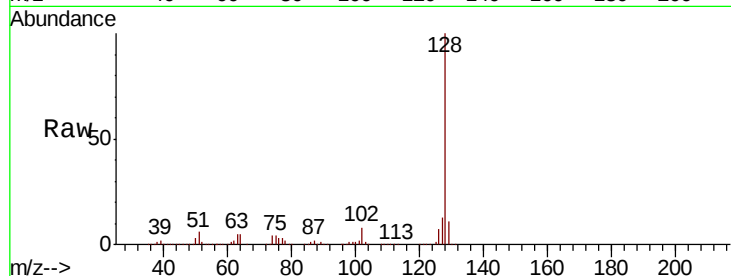




#95
Naphthalene
Concen: 106.037 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 814726
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 103.030 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion:180 Resp: 267060
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 30.7 15.2 45.6

