

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011288.D
 Acq On : 02 Aug 2019 03:07
 Operator : JC/SP
 Sample : K4118-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

Quant Time: Aug 02 03:53:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	214282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	199997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109395	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	63631	43.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.94%	
35) Dibromofluoromethane	5.49	113	60106	42.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.92%	
50) Toluene-d8	8.71	98	224449	42.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.00%	
62) 4-Bromofluorobenzene	11.13	95	82776	43.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	52340	47.161	ug/l	98
3) Chloromethane	1.32	50	61511	49.355	ug/l	99
4) Vinyl Chloride	1.40	62	67826	49.475	ug/l	100
5) Bromomethane	1.63	94	47481	48.563	ug/l	99
6) Chloroethane	1.71	64	46038	54.478	ug/l	97
7) Trichlorofluoromethane	1.92	101	120204	49.313	ug/l	99
8) Diethyl Ether	2.18	74	42262	48.555	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59533	45.138	ug/l	99
10) Methyl Iodide	2.50	142	87428	52.578	ug/l	100
11) Tert butyl alcohol	3.04	59	72492	251.218	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63228	48.361	ug/l	93
13) Acrolein	2.29	56	42564	237.330	ug/l	100
14) Allyl chloride	2.72	41	87715	50.326	ug/l	99
15) Acrylonitrile	3.14	53	179248	260.306	ug/l	99
16) Acetone	2.43	43	149712	217.355	ug/l	99
17) Carbon Disulfide	2.56	76	155388	50.648	ug/l	100
18) Methyl Acetate	2.76	43	64968	41.274	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	197964	51.381	ug/l	99
20) Methylene Chloride	2.85	84	73431	48.679	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	68078	49.225	ug/l	96
22) Diisopropyl ether	3.85	45	191962	50.112	ug/l	97
23) Vinyl Acetate	3.81	43	675033	212.461	ug/l	99
24) 1,1-Dichloroethane	3.69	63	113428	50.216	ug/l	99
25) 2-Butanone	4.67	43	242382	247.378	ug/l	99
26) 2,2-Dichloropropane	4.57	77	59816	34.066	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	79513	49.915	ug/l	94
28) Bromochloromethane	5.01	49	52172	50.664	ug/l	99
29) Tetrahydrofuran	5.12	42	157090	261.483	ug/l	99
30) Chloroform	5.20	83	123248	50.203	ug/l	99
31) Cyclohexane	5.57	56	90046	48.319	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	106555	50.666	ug/l	100
36) 1,1-Dichloropropene	5.79	75	86610	46.294	ug/l	99
37) Ethyl Acetate	4.82	43	75278	40.113	ug/l	99
38) Carbon Tetrachloride	5.78	117	92995	49.407	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95218	42.937	ug/l	98
40) Benzene	6.13	78	274123	49.101	ug/l	98
41) Methacrylonitrile	5.04	41	49081	47.889	ug/l	97
42) 1,2-Dichloroethane	6.19	62	92347	48.917	ug/l	100
43) Isopropyl Acetate	6.44	43	129672	43.220	ug/l	99
44) Trichloroethene	7.21	130	79625	47.119	ug/l	100
45) 1,2-Dichloropropane	7.51	63	69387	47.990	ug/l	100
46) Dibromomethane	7.66	93	50128	47.492	ug/l	99
47) Bromodichloromethane	7.90	83	89025	49.817	ug/l	98
48) Methyl methacrylate	7.77	41	70058	49.617	ug/l	98
49) 1,4-Dioxane	7.74	88	38504	940.621	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	497478	256.924	ug/l	100
52) Toluene	8.78	92	178593	48.383	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	90743	43.965	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	98966	47.409	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	76065	50.120	ug/l	97
56) Ethyl methacrylate	9.18	69	110704	51.186	ug/l	99
57) 1,3-Dichloropropane	9.37	76	117799	49.079	ug/l	98
59) 2-Hexanone	9.49	43	393050	262.073	ug/l	99
60) Dibromochloromethane	9.58	129	80663	51.913	ug/l	97
61) 1,2-Dibromoethane	9.67	107	80806	49.281	ug/l	99
64) Tetrachloroethene	9.34	164	76994	45.332	ug/l	97
65) Chlorobenzene	10.13	112	203900	47.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	74165	50.518	ug/l	99
67) Ethyl Benzene	10.25	91	347173	48.342	ug/l	99
68) m/p-Xylenes	10.36	106	273314	98.390	ug/l	99
69) o-Xylene	10.69	106	133430	48.887	ug/l	98
70) Stvrene	10.71	104	227957	50.477	ug/l	99
71) Bromoform	10.85	173	60646	46.416	ug/l #	99
73) Isopropylbenzene	11.02	105	355758	47.550	ug/l	100
74) N-amyl acetate	10.90	43	111751	41.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	123029	49.343	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	124848	62.668	ug/l	83
77) Bromobenzene	11.26	156	99121	47.777	ug/l	99
78) n-propylbenzene	11.36	91	395976	47.592	ug/l	99
79) 2-Chlorotoluene	11.42	91	236694	47.729	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	300670	48.007	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	29957	41.045	ug/l	99
82) 4-Chlorotoluene	11.51	91	272741	47.191	ug/l	98
83) tert-Butylbenzene	11.77	119	296380	48.249	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	301435	48.340	ug/l	99
85) sec-Butylbenzene	11.94	105	344447	46.672	ug/l	100
86) p-Isopropyltoluene	12.06	119	321130	47.298	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	172613	47.088	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	173848	45.992	ug/l	98
89) n-Butylbenzene	12.38	91	269100	46.005	ug/l	99
90) Hexachloroethane	12.60	117	49549	49.362	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	174828	47.466	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24573	50.869	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	111148	45.503	ug/l	98

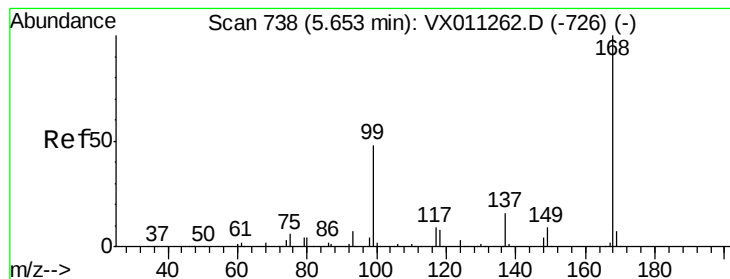
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	54029	43.596	ug/l	97
95) Naphthalene	13.83	128	356632	49.925	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	115844	46.649	ug/l	99

(#) = 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: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

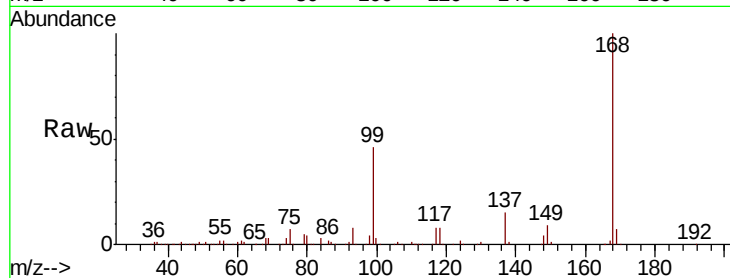
SA-MW127I-20190730MSD

Tot Ion:168 Resp: 143696

Ion Ratio Lower Upper

168 100

99 45.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

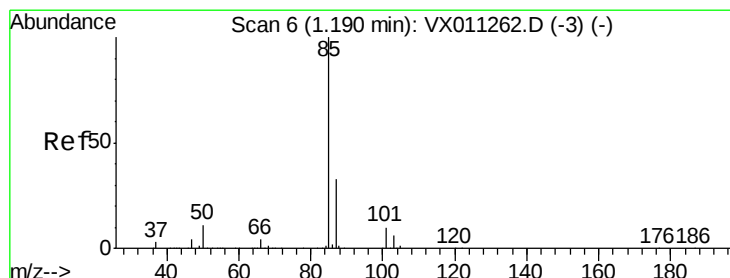
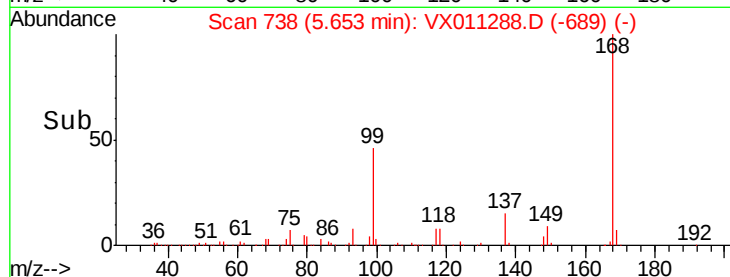
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.161 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011288.D

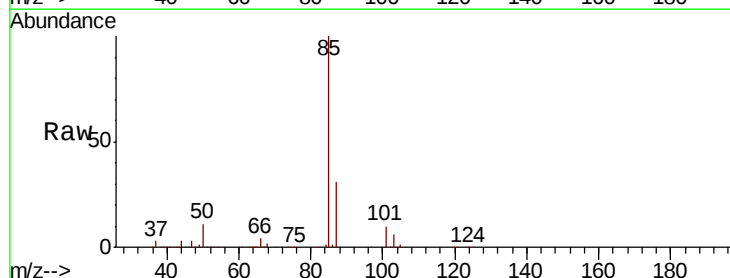
Acq: 02 Aug 2019 03:07

Tgt Ion: 85 Resp: 52340

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

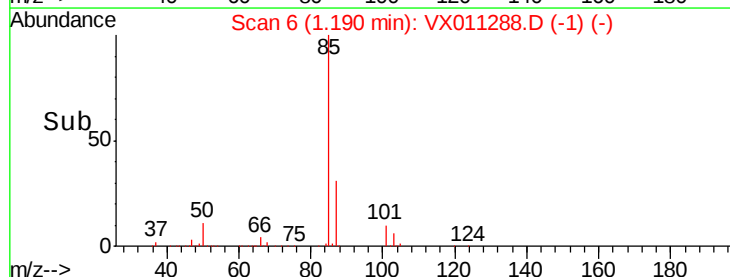
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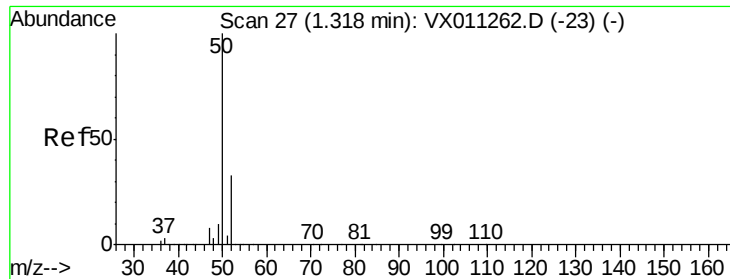
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.355 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

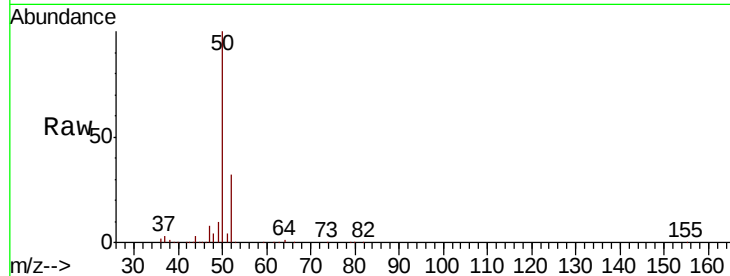
SA-MW127I-20190730MSD

Tot Ion: 50 Resp: 61511

Ion Ratio Lower Upper

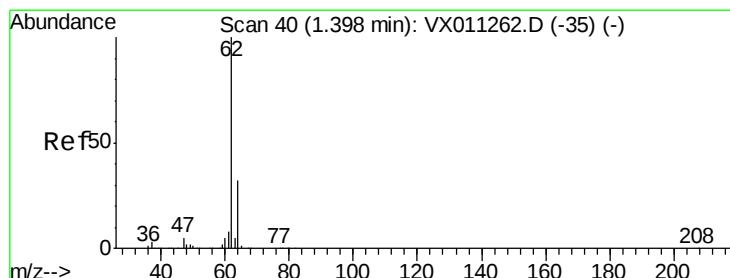
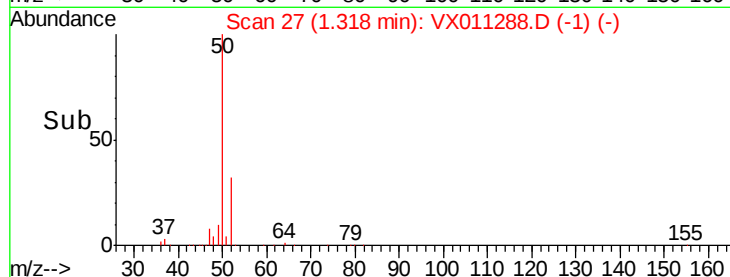
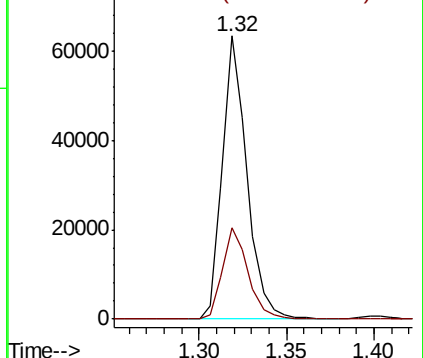
50 100

52 32.5 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.475 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011288.D

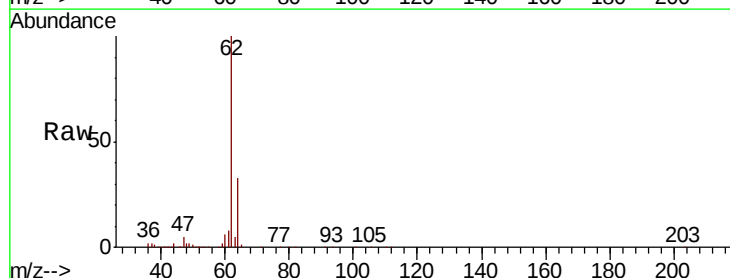
Acq: 02 Aug 2019 03:07

Tgt Ion: 62 Resp: 67826

Ion Ratio Lower Upper

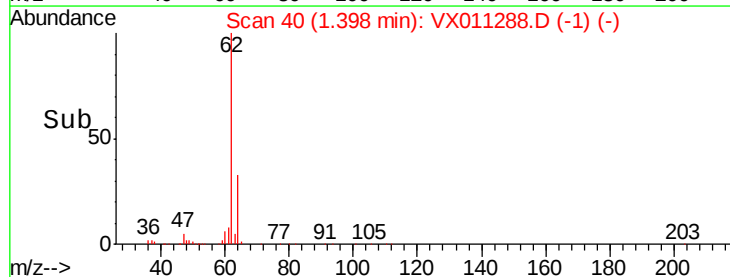
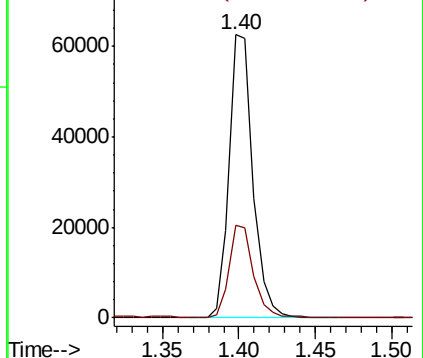
62 100

64 32.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.563 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

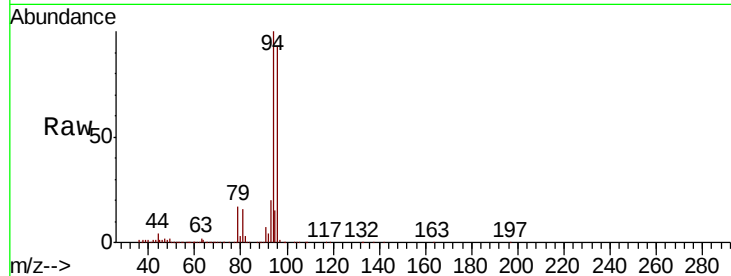
SA-MW127I-20190730MSD

Tot Ion: 94 Resp: 47481

Ion Ratio Lower Upper

94 100

96 92.7 74.6 112.0

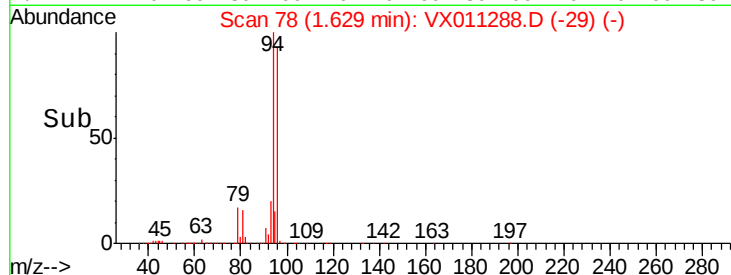


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

Time-->



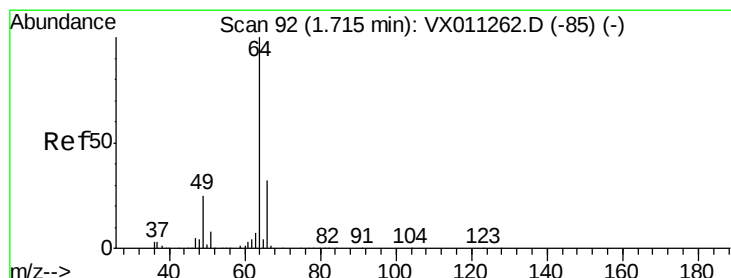
Abundance

Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

Time-->



#6

Chloroethane

Concen: 54.478 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011288.D

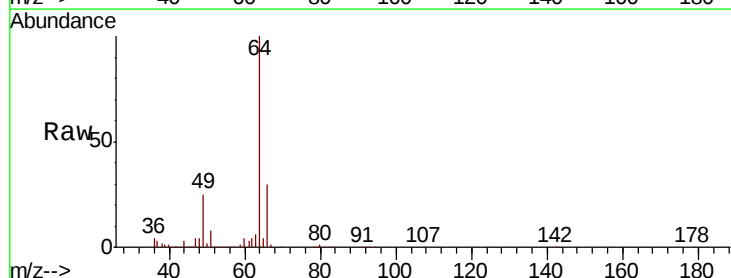
Acq: 02 Aug 2019 03:07

Tgt Ion: 64 Resp: 46038

Ion Ratio Lower Upper

64 100

66 29.8 25.1 37.7

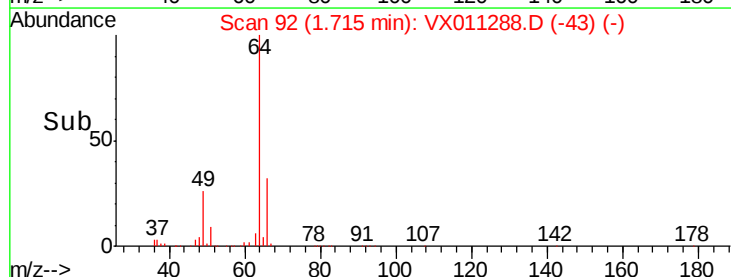


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

Time-->



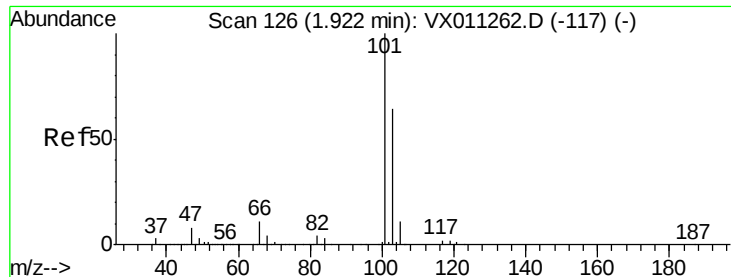
Abundance

Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

Time-->

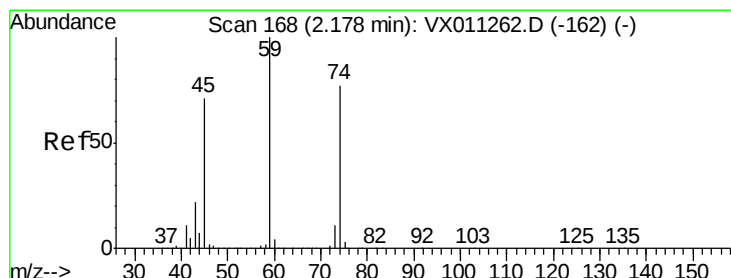
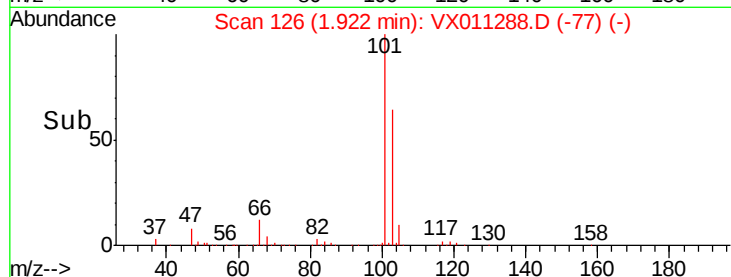
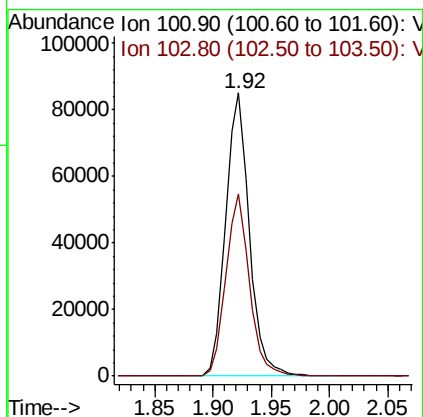
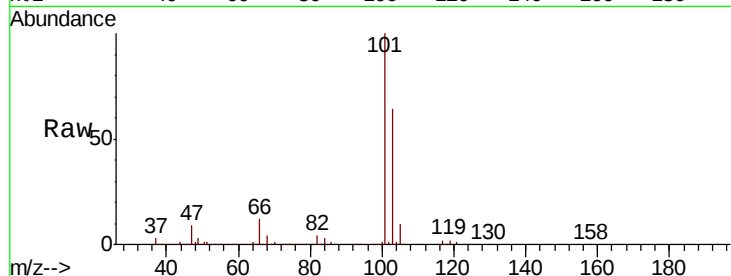


#7

Trichlorofluoromethane
Concen: 49.313 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

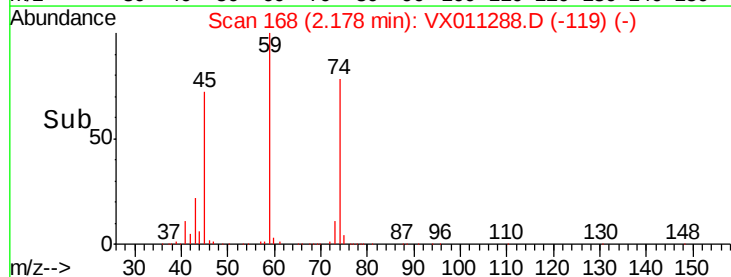
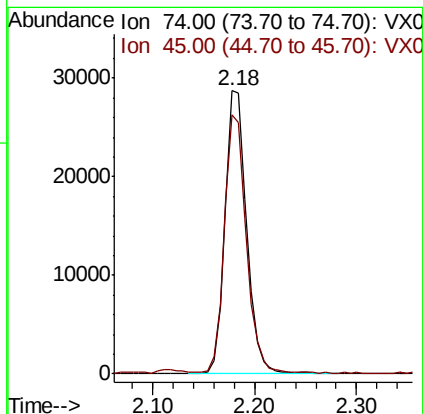
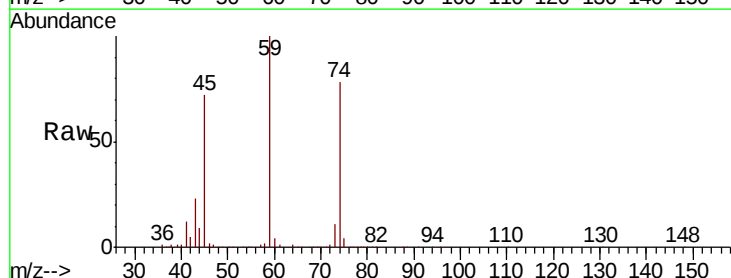
Tot Ion:101 Resp: 120204
Ion Ratio Lower Upper
101 100
103 64.2 50.9 76.3



#8

Diethyl Ether
Concen: 48.555 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 74 Resp: 42262
Ion Ratio Lower Upper
74 100
45 91.8 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.138 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

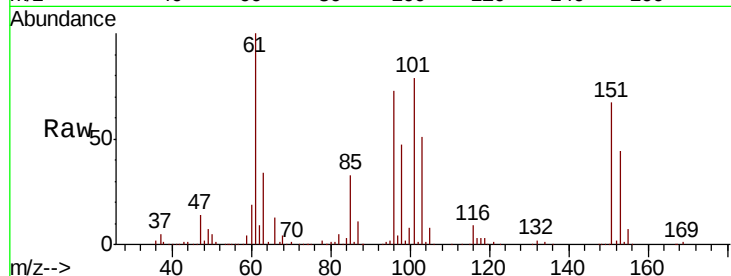
Tot Ion:101 Resp: 59533

Ion Ratio Lower Upper

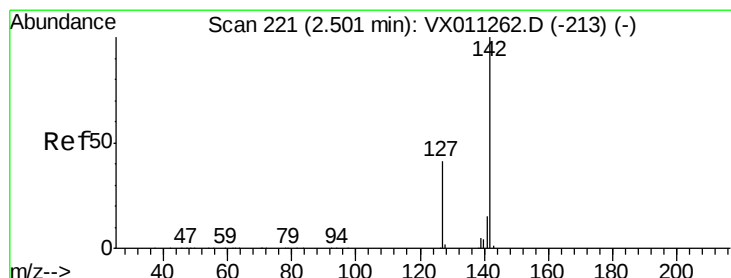
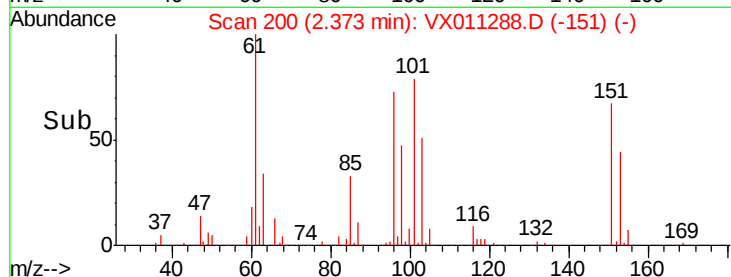
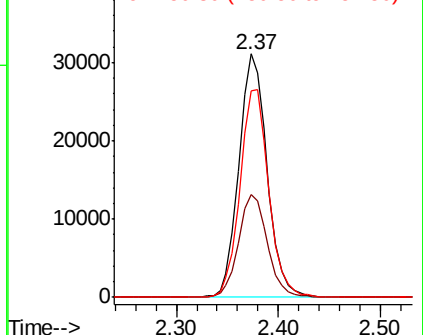
101 100

85 43.2 33.8 50.6

151 86.9 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: 52.578 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

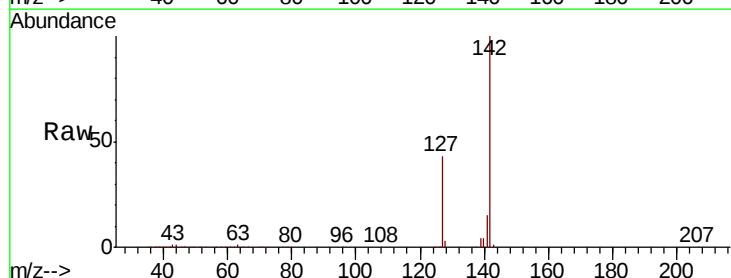
Tgt Ion:142 Resp: 87428

Ion Ratio Lower Upper

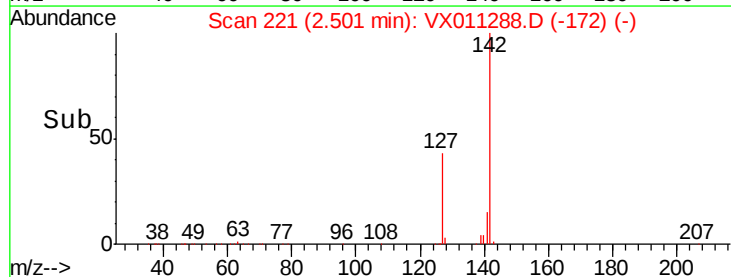
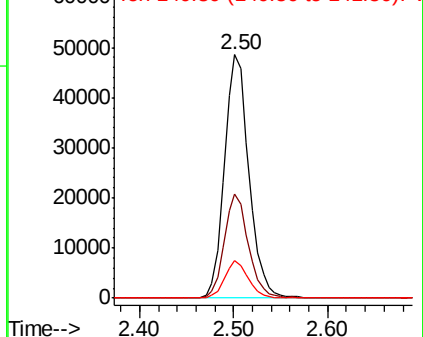
142 100

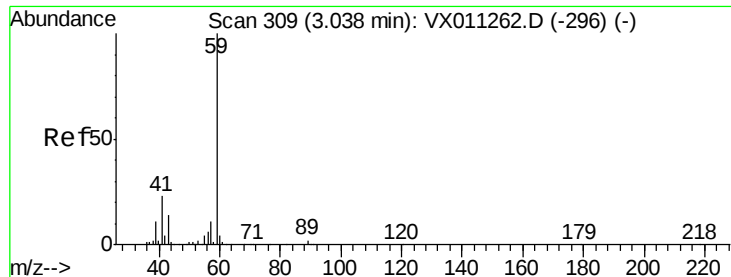
127 42.3 33.8 50.8

141 14.7 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

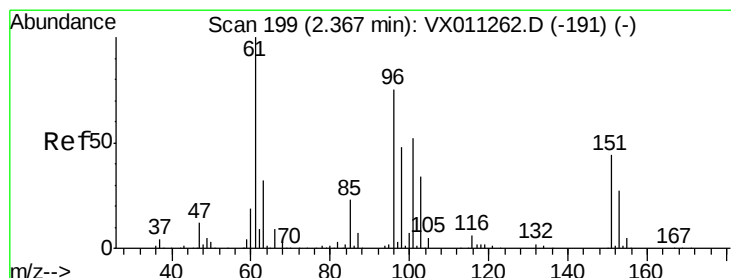
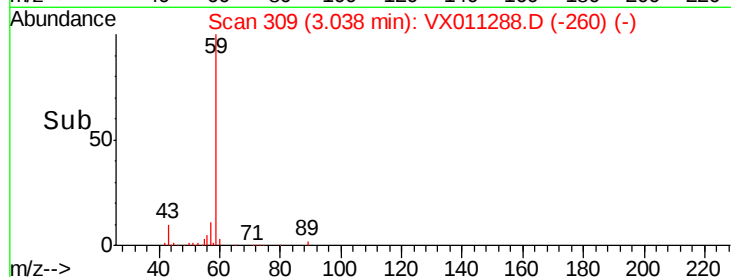
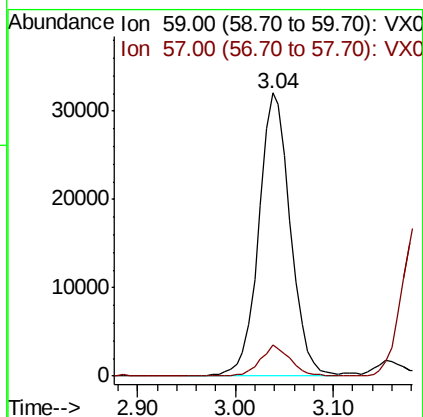
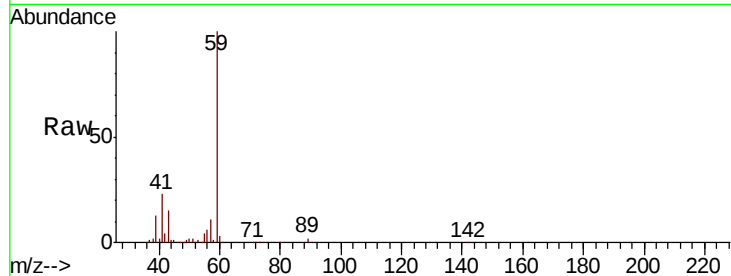




#11
Tert butyl alcohol
Concen: 251.218 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

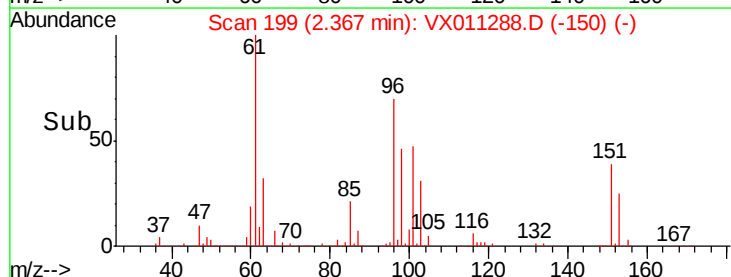
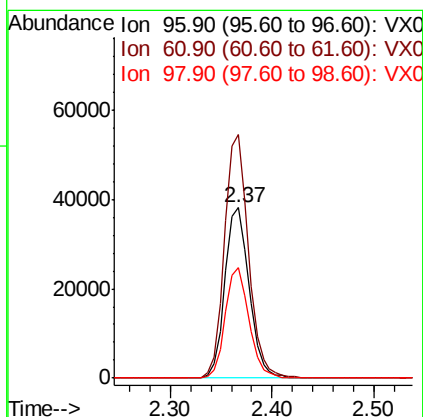
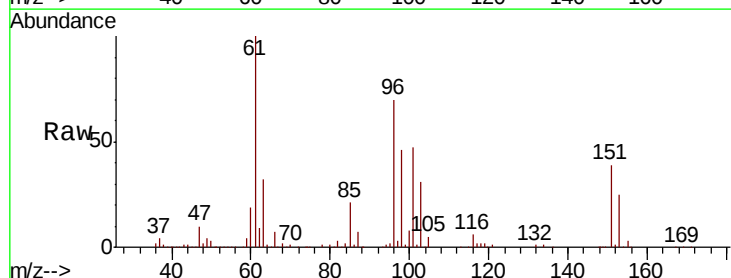
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

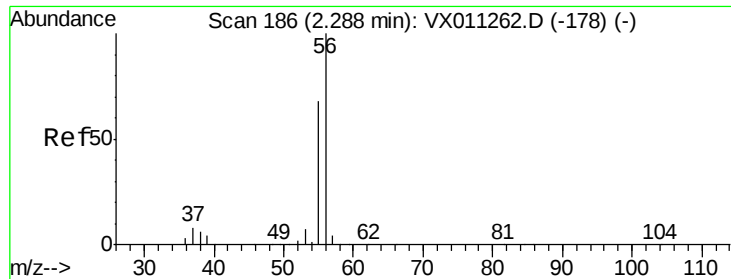
Tot Ion: 59 Resp: 72492
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.361 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 96 Resp: 63228
Ion Ratio Lower Upper
96 100
61 142.6 106.2 159.2
98 65.1 50.6 75.8





#13

Acrolein

Concen: 237.330 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

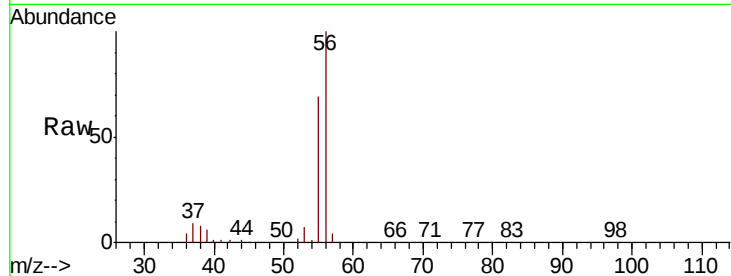
SA-MW127I-20190730MSD

Tot Ion: 56 Resp: 42564

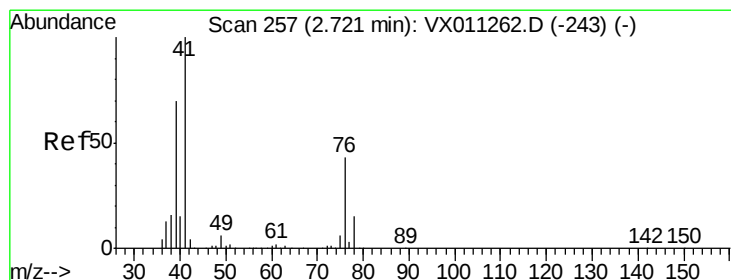
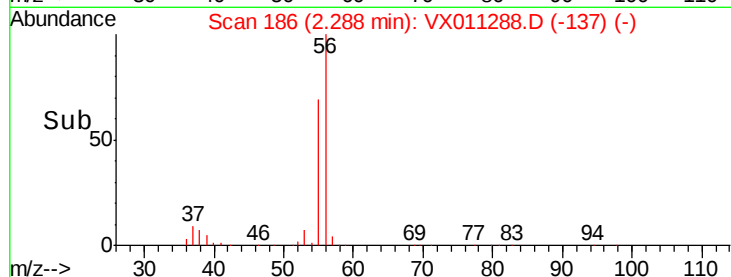
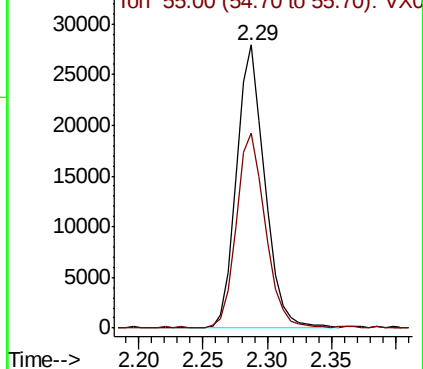
Ion Ratio Lower Upper

56 100

55 69.7 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0



#14

Allyl chloride

Concen: 50.326 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

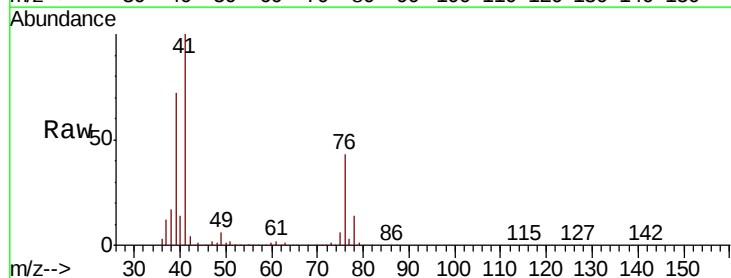
Tgt Ion: 41 Resp: 87715

Ion Ratio Lower Upper

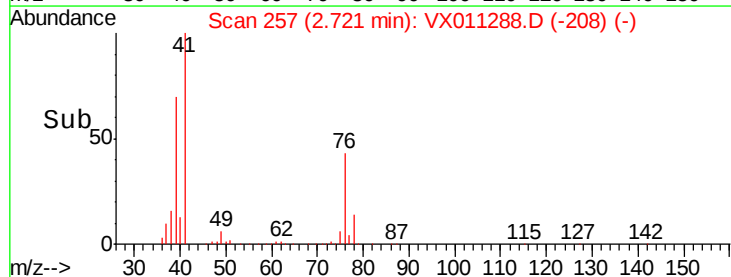
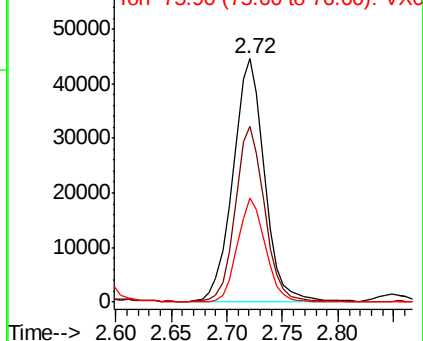
41 100

39 65.8 52.8 79.2

76 37.8 31.1 46.7



Abundance Ion 41.00 (40.70 to 41.70): VX0





#15

Acrylonitrile

Concen: 260.306 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

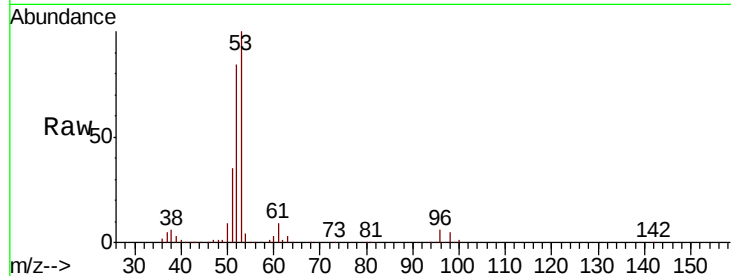
Tot Ion: 53 Resp: 179248

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

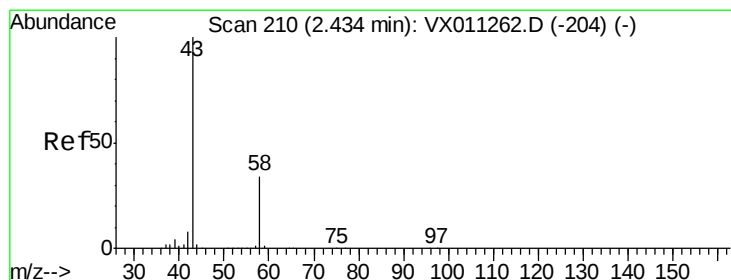
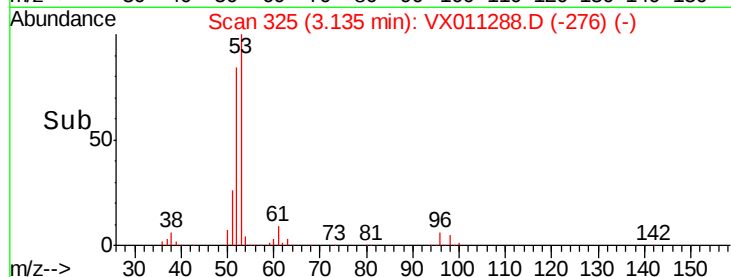
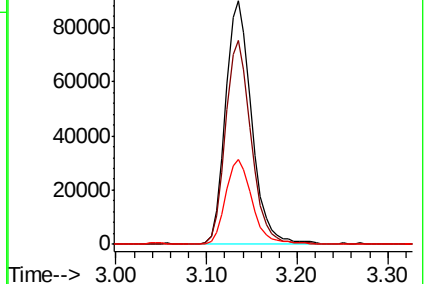
51 35.6 27.9 41.9



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: 217.355 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011288.D

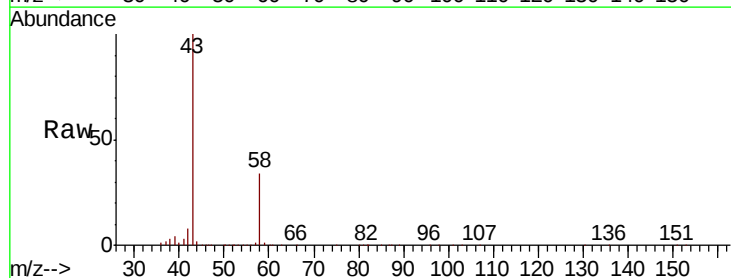
Acq: 02 Aug 2019 03:07

Tgt Ion: 43 Resp: 149712

Ion Ratio Lower Upper

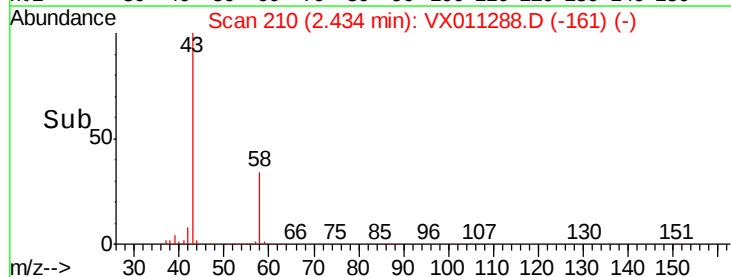
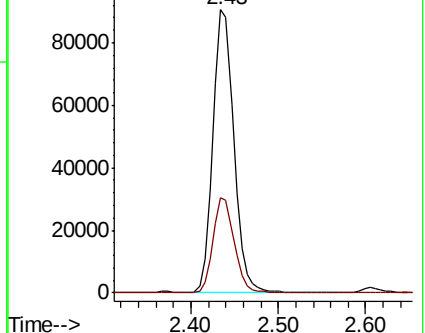
43 100

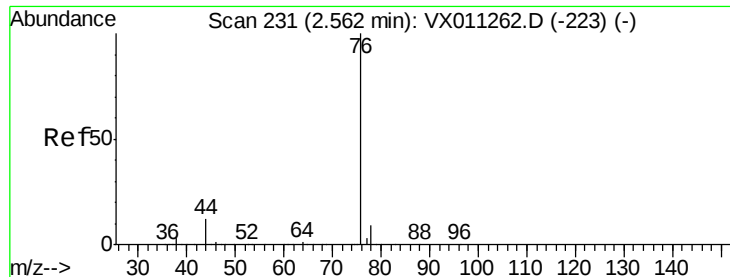
58 33.6 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

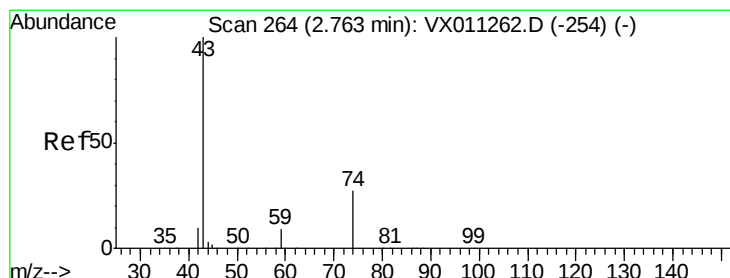
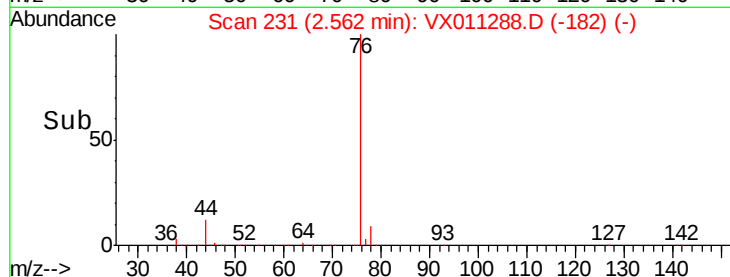
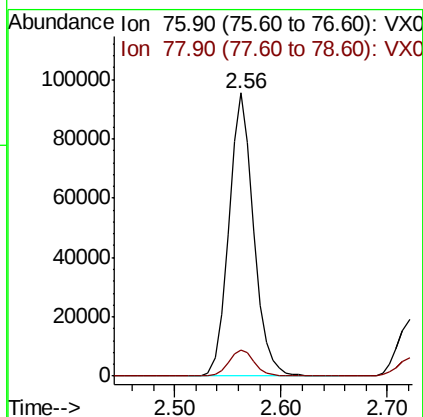
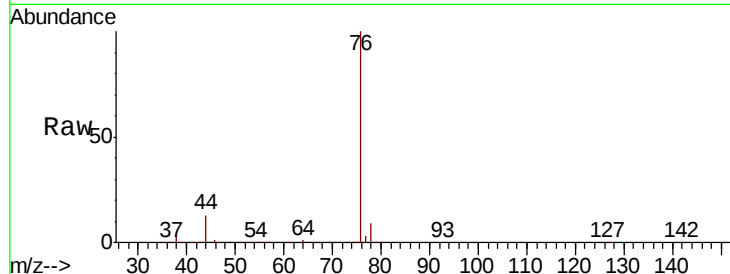




#17
Carbon Disulfide
Concen: 50.648 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

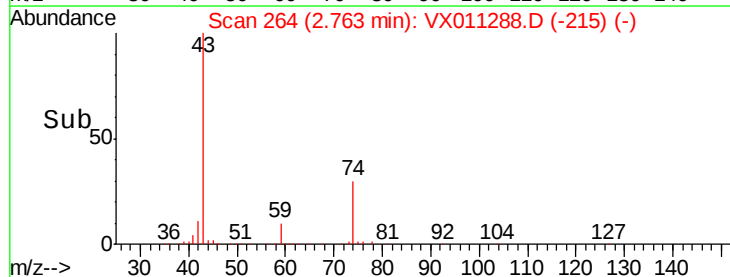
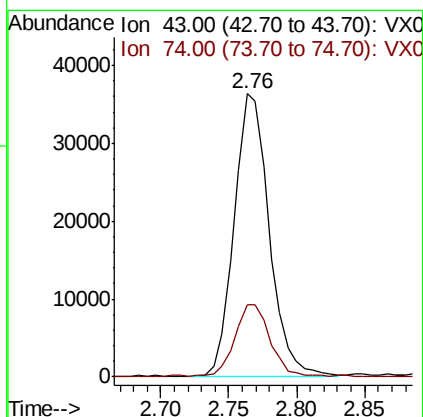
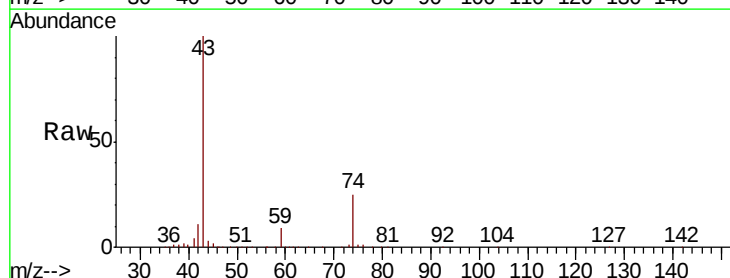
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

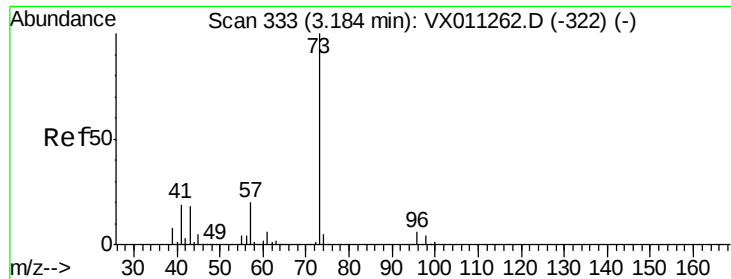
Tot Ion: 76 Resp: 155388
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 41.274 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 43 Resp: 64968
Ion Ratio Lower Upper
43 100
74 24.9 21.0 31.6

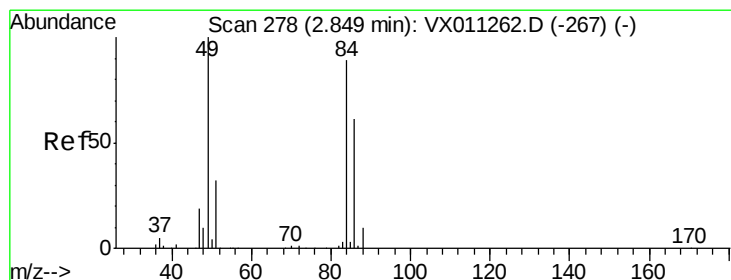
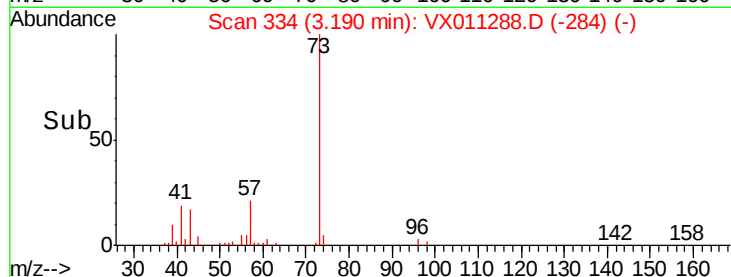
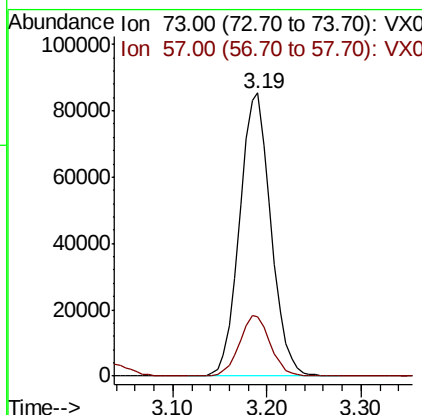
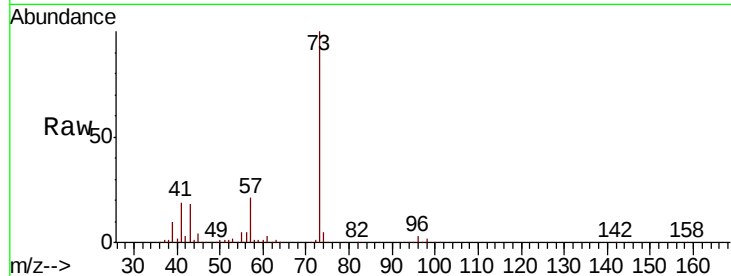




#19
Methyl tert-butyl Ether
Concen: 51.381 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

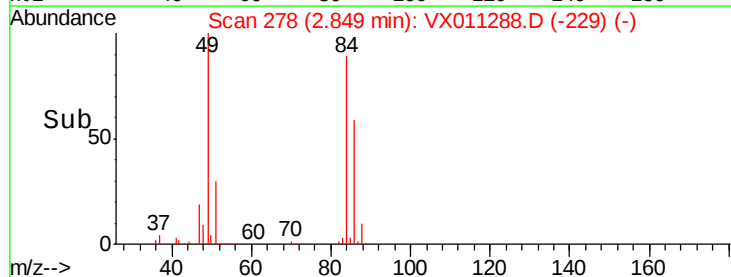
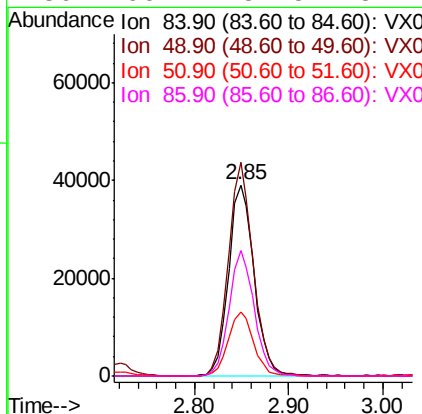
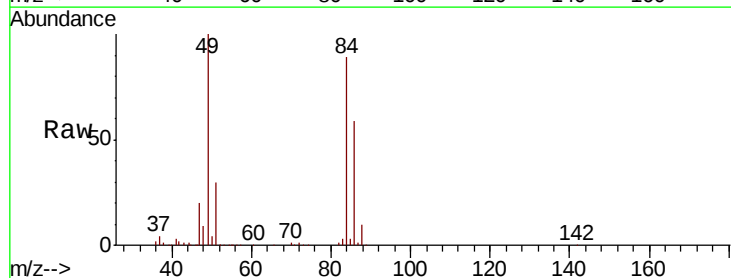
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

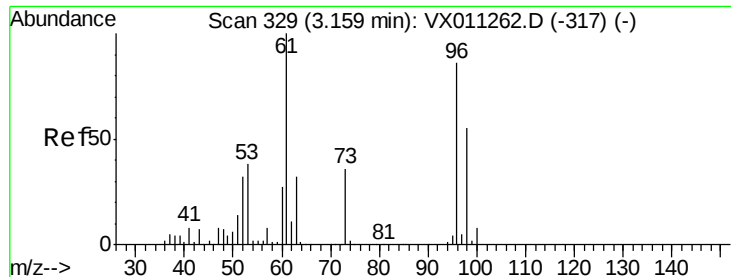
Tot Ion: 73 Resp: 197964
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.2



#20
Methylene Chloride
Concen: 48.679 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 84 Resp: 73431
Ion Ratio Lower Upper
84 100
49 111.8 89.3 133.9
51 33.5 28.3 42.5
86 66.1 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 49.225 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

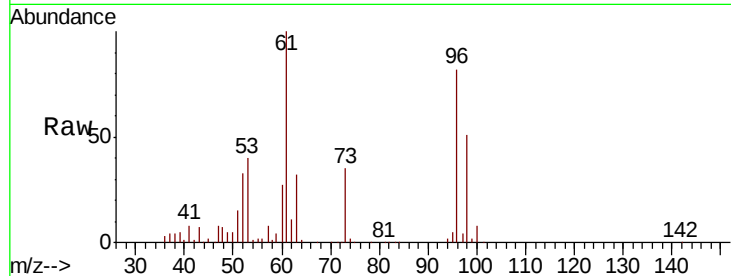
Tot Ion: 96 Resp: 68078

Ion Ratio Lower Upper

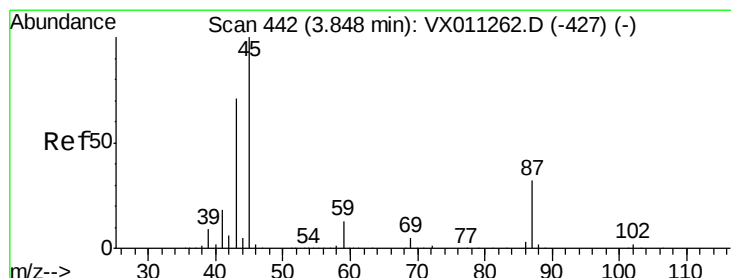
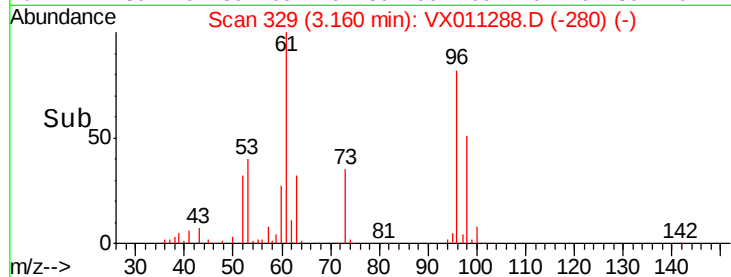
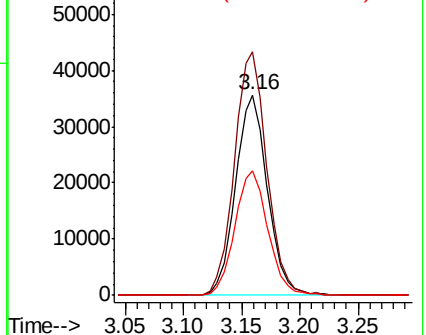
96 100

61 121.5 92.8 139.2

98 62.0 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.112 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Tgt Ion: 45 Resp: 191962

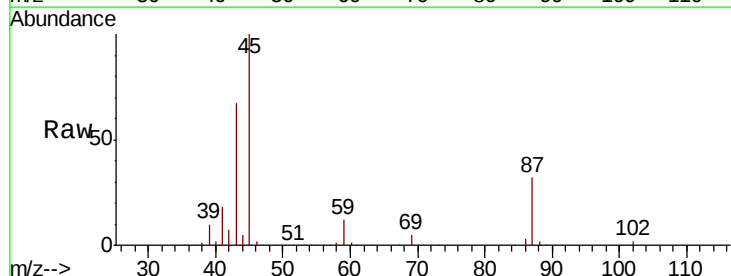
Ion Ratio Lower Upper

45 100

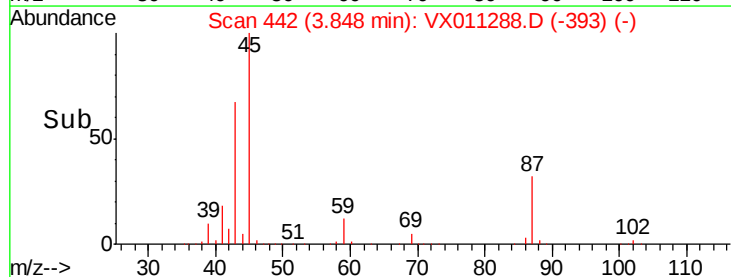
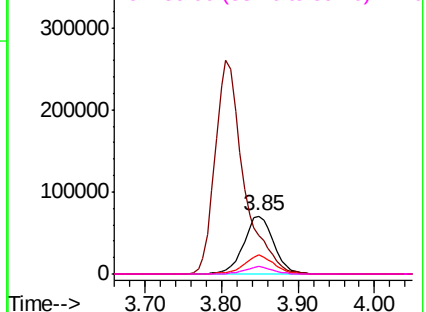
43 67.1 56.8 85.2

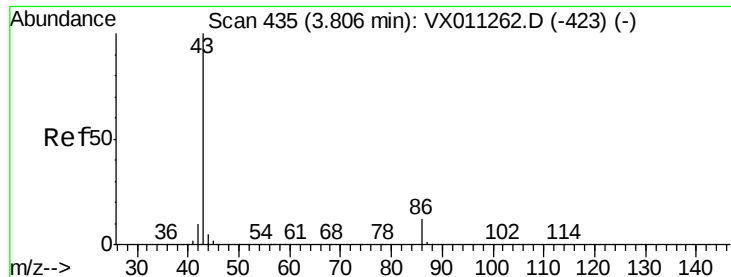
87 32.2 25.8 38.6

59 12.5 10.3 15.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 212.461 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

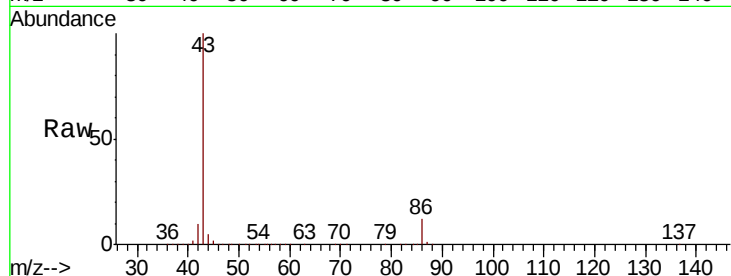
SA-MW127I-20190730MSD

Tot Ion: 43 Resp: 675033

Ion Ratio Lower Upper

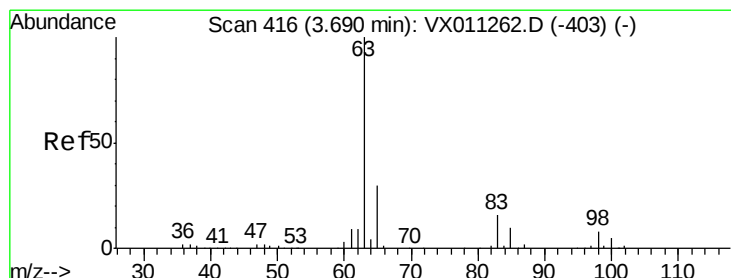
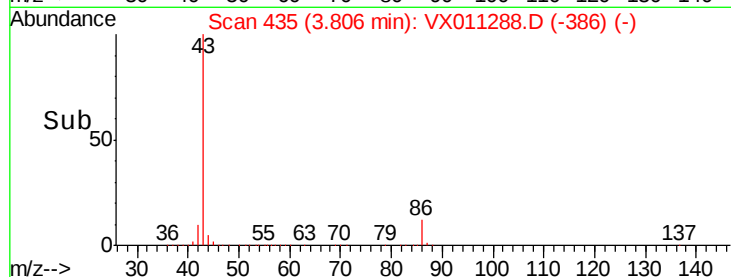
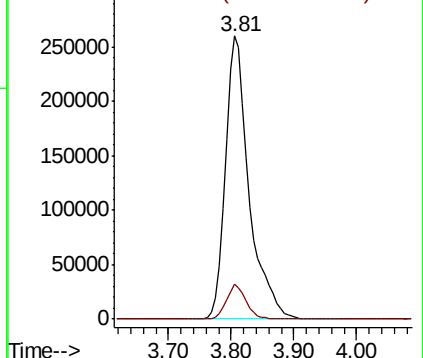
43 100

86 12.2 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.216 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

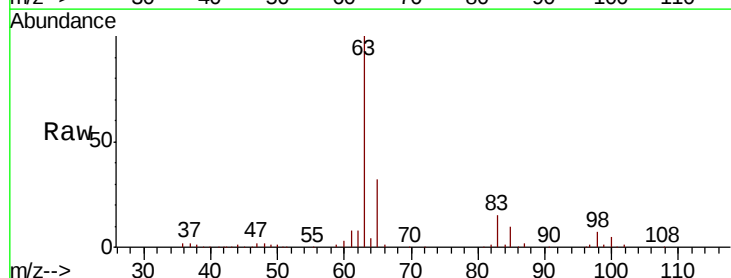
Tgt Ion: 63 Resp: 113428

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

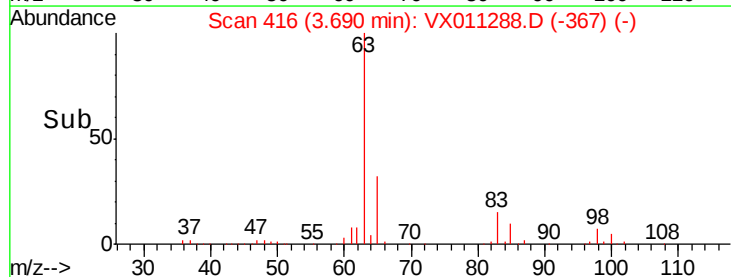
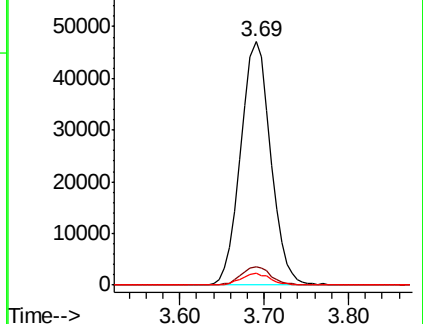
100 4.8 2.7 8.1

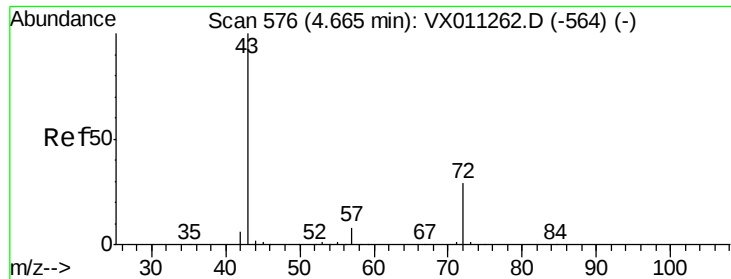


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.378 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

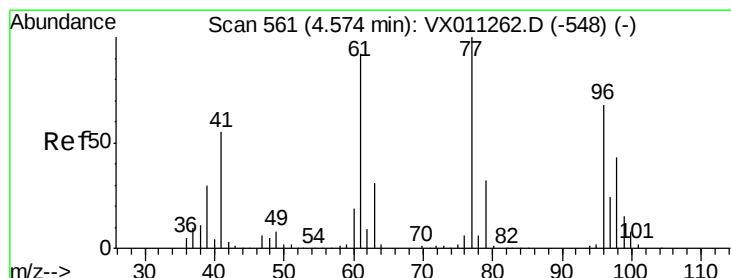
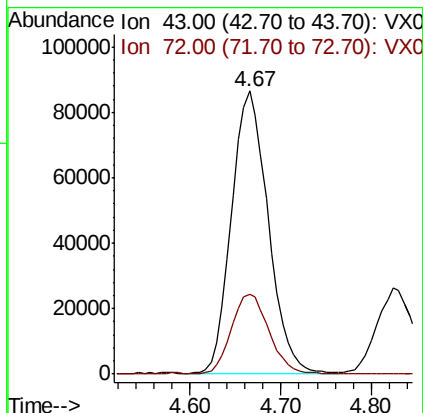
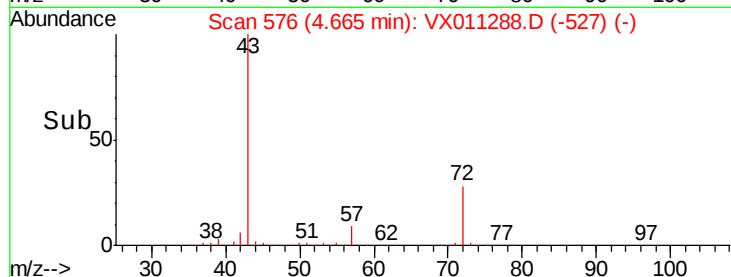
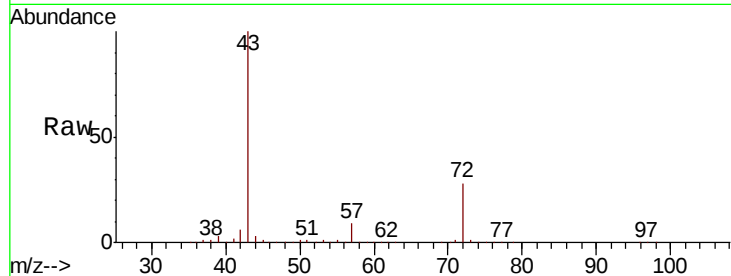
SA-MW127I-20190730MSD

Tot Ion: 43 Resp: 242382

Ion Ratio Lower Upper

43 100

72 28.2 23.2 34.8



#26

2,2-Dichloropropane

Concen: 34.066 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011288.D

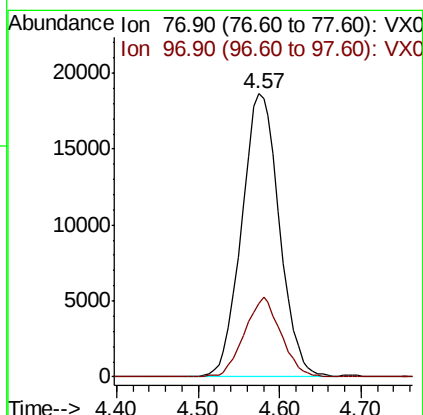
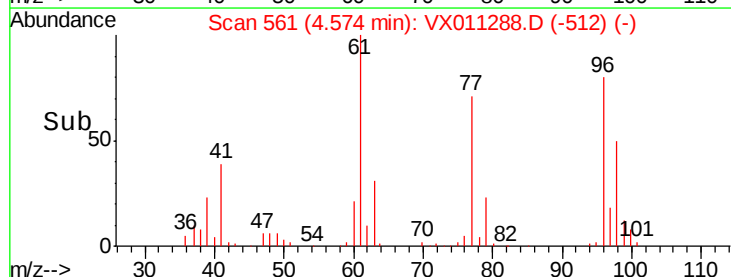
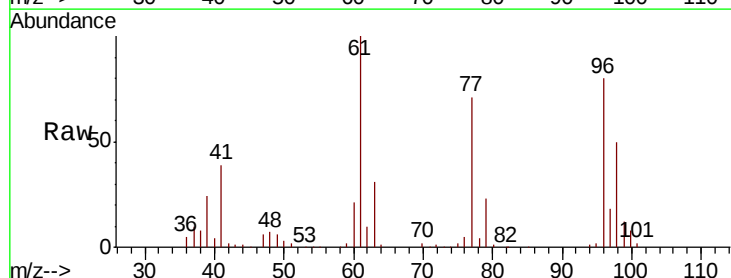
Acq: 02 Aug 2019 03:07

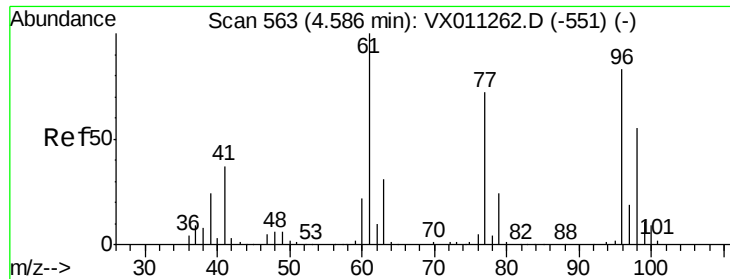
Tgt Ion: 77 Resp: 59816

Ion Ratio Lower Upper

77 100

97 27.3 12.8 38.4

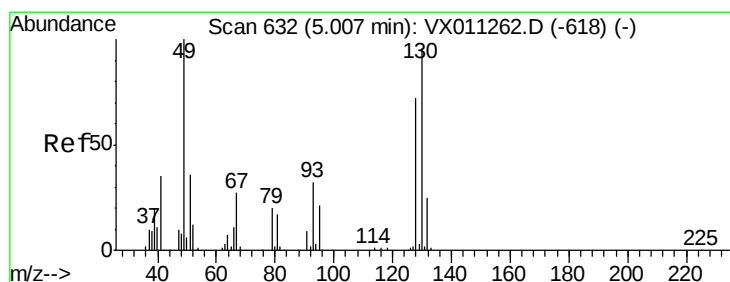
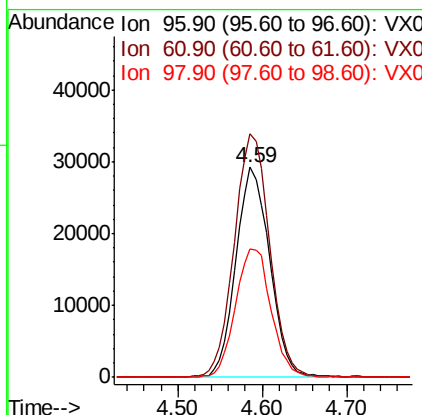
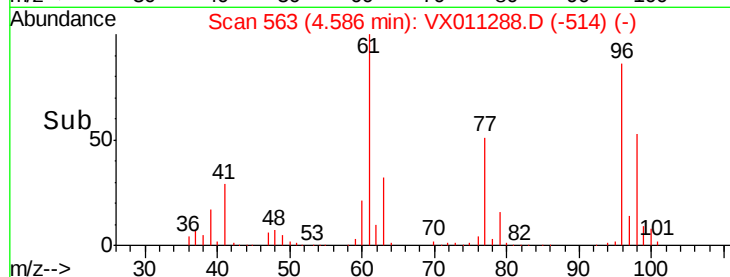
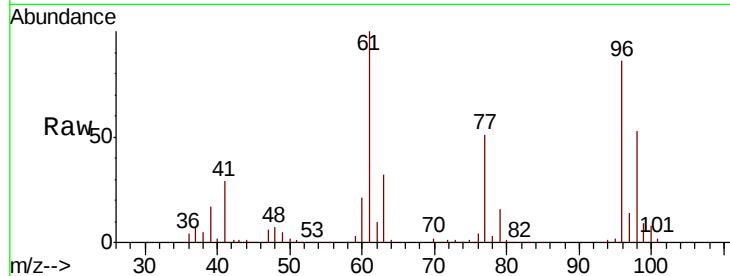




#27
 cis-1,2-Dichloroethene
 Concen: 49.915 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

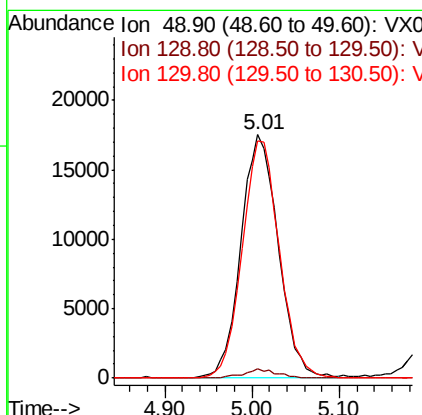
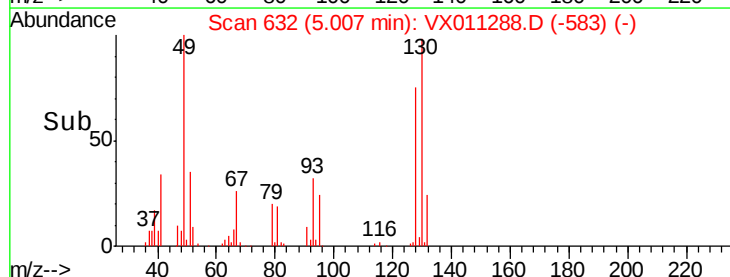
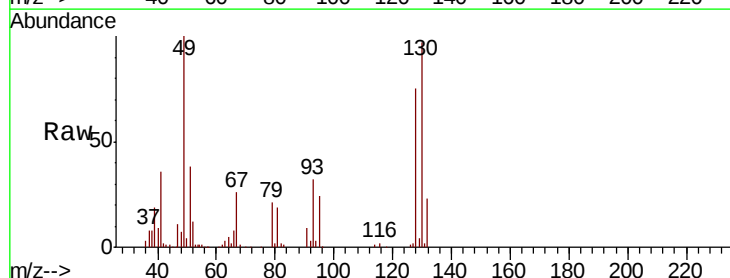
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

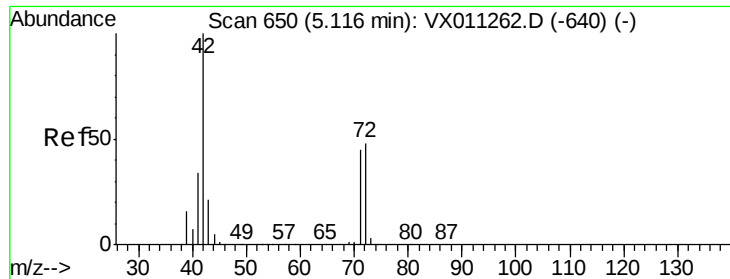
Tot Ion: 96 Resp: 79513
 Ion Ratio Lower Upper
 96 100
 61 121.6 0.0 260.2
 98 64.2 0.0 133.2



#28
 Bromochloromethane
 Concen: 50.664 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion: 49 Resp: 52172
 Ion Ratio Lower Upper
 49 100
 129 3.3 0.0 5.8
 130 96.9 77.9 116.9

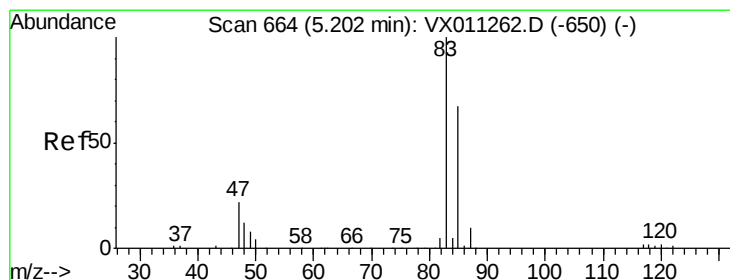
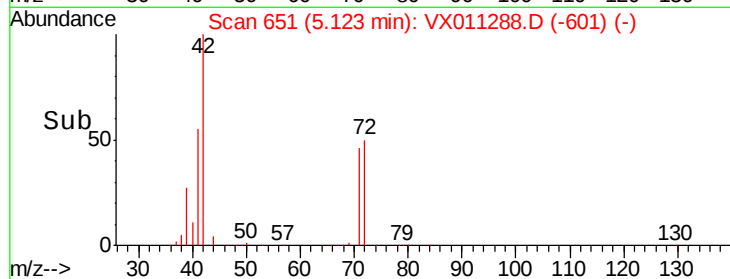
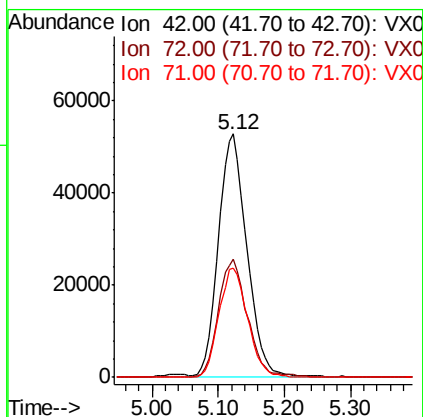
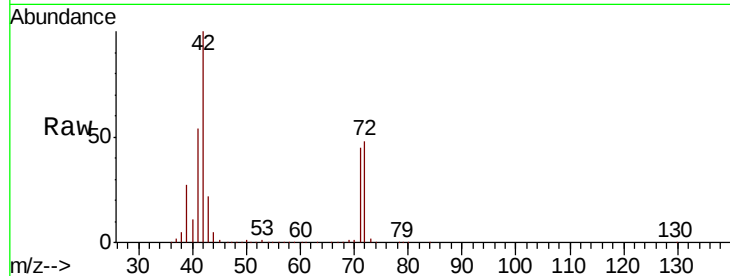




#29
Tetrahydrofuran
Concen: 261.483 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

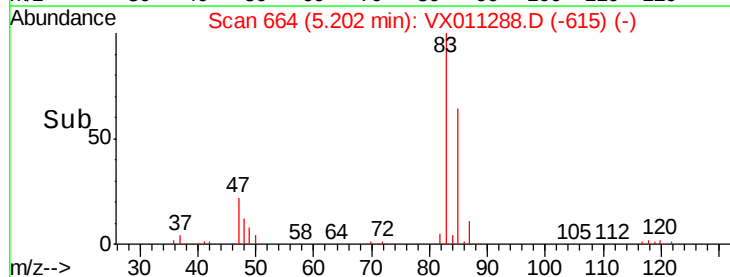
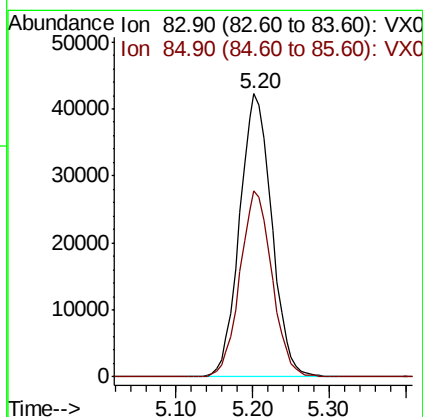
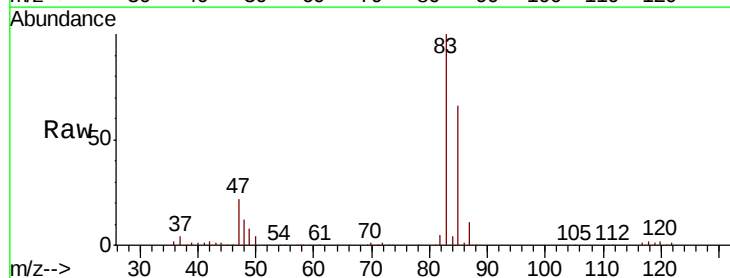
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

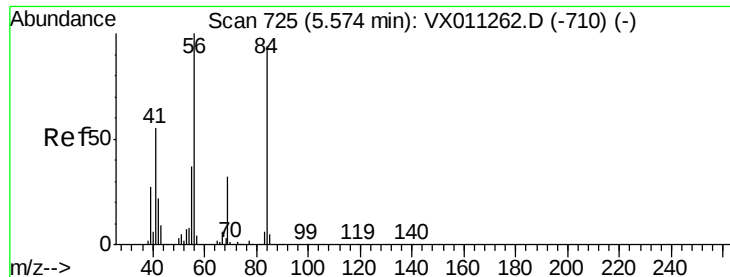
Tot Ion: 42 Resp: 157090
Ion Ratio Lower Upper
42 100
72 49.5 39.9 59.9
71 45.4 36.9 55.3



#30
Chloroform
Concen: 50.203 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 83 Resp: 123248
Ion Ratio Lower Upper
83 100
85 65.9 53.4 80.0

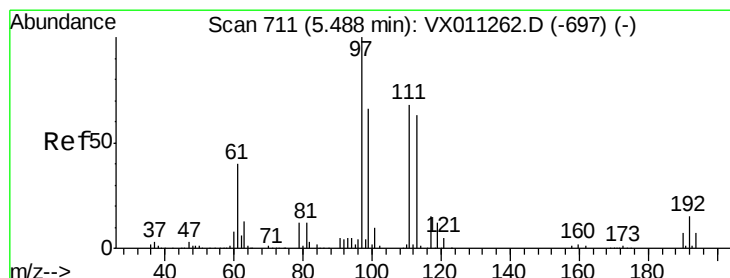
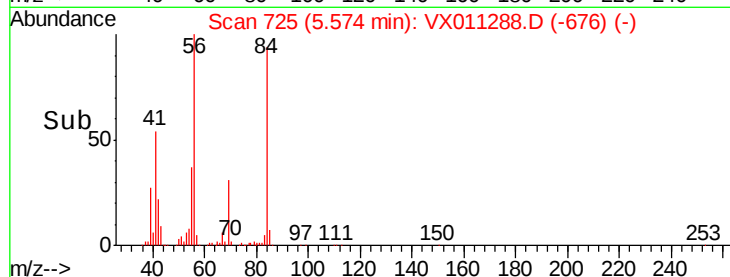
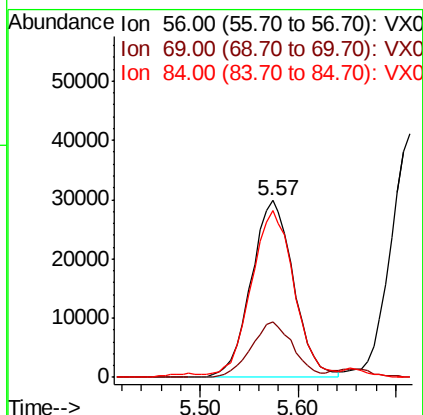
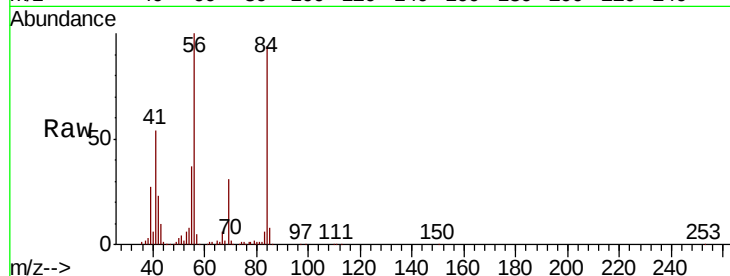




#31
Cyclohexane
Concen: 48.319 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

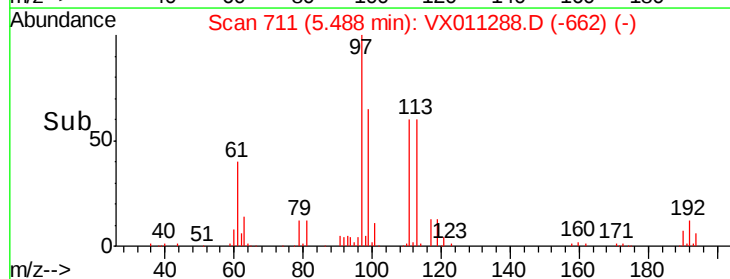
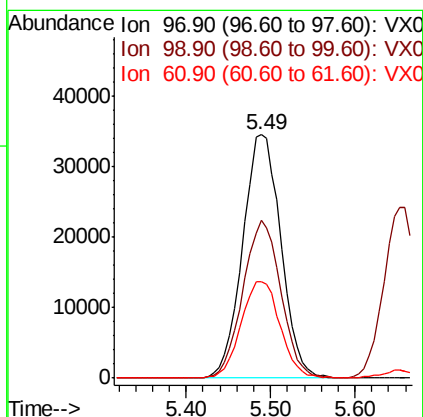
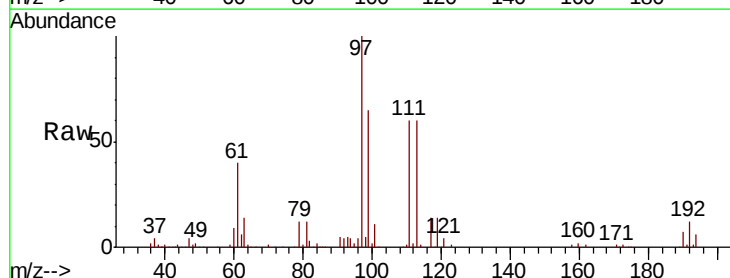
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

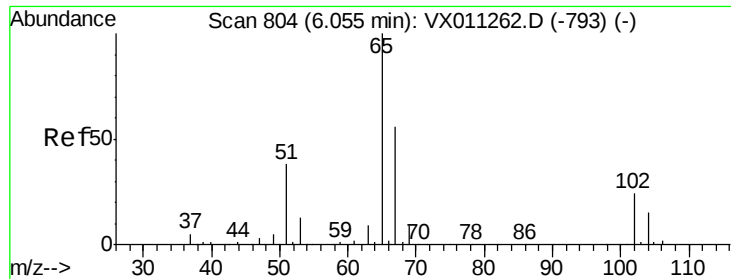
Tot Ion: 56 Resp: 90046
Ion Ratio Lower Upper
56 100
69 31.3 25.5 38.3
84 91.8 75.0 112.4



#32
1,1,1-Trichloroethane
Concen: 50.666 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 97 Resp: 106555
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 40.4 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 43.972 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

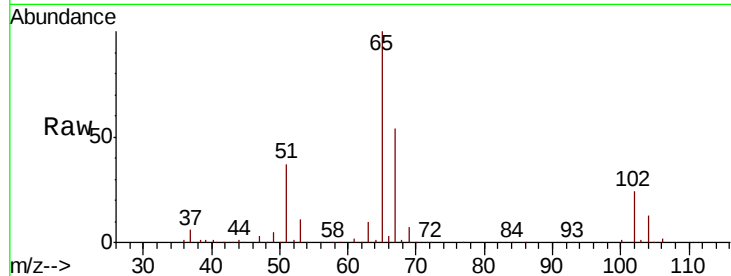
SA-MW127I-20190730MSD

Tot Ion: 65 Resp: 63631

Ion Ratio Lower Upper

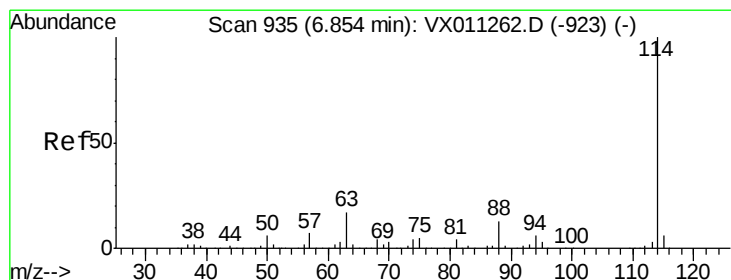
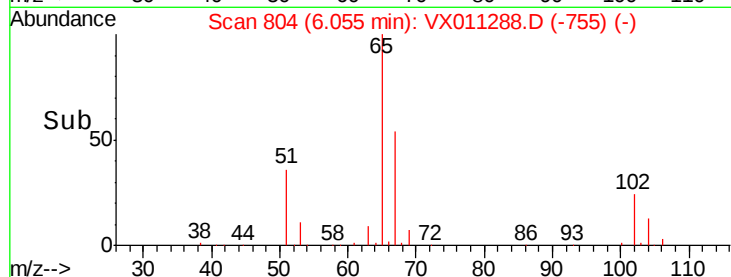
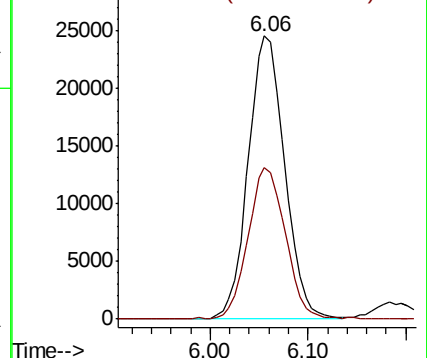
65 100

67 53.6 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: VX011288.D

Acq: 02 Aug 2019 03:07

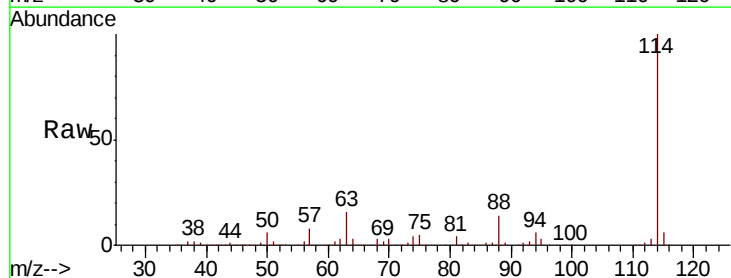
Tgt Ion: 114 Resp: 214282

Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.0

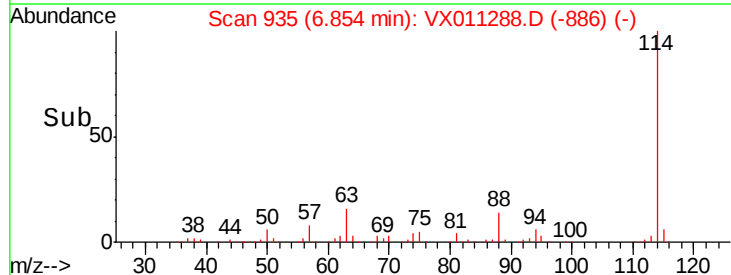
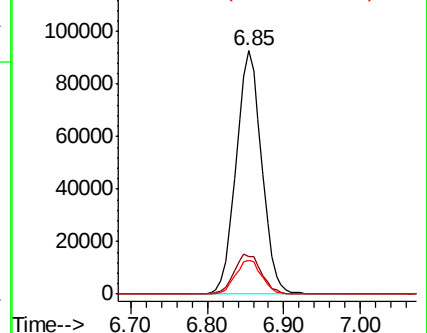
88 13.9 0.0 26.4

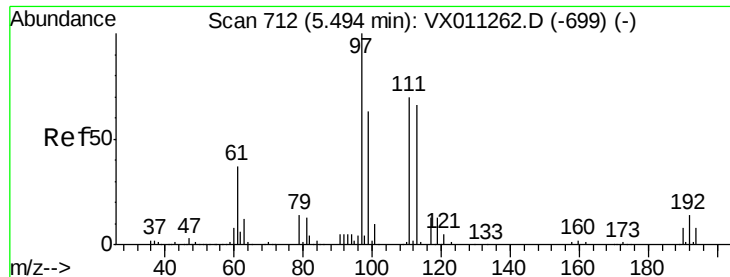


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

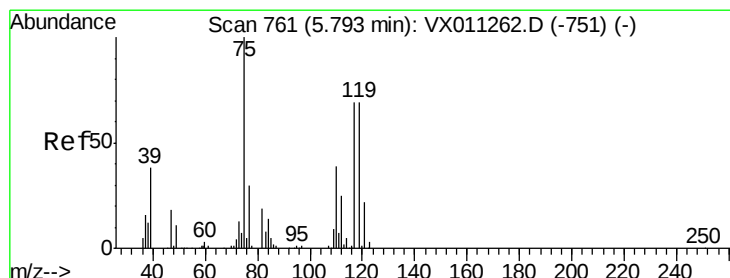
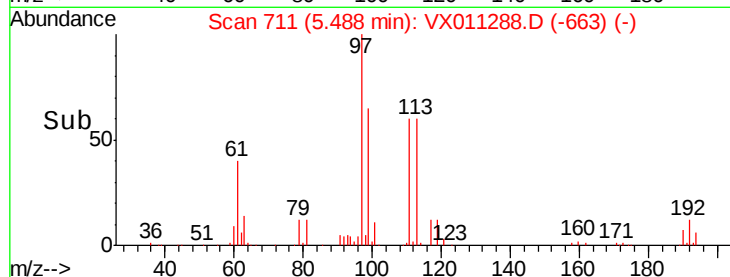
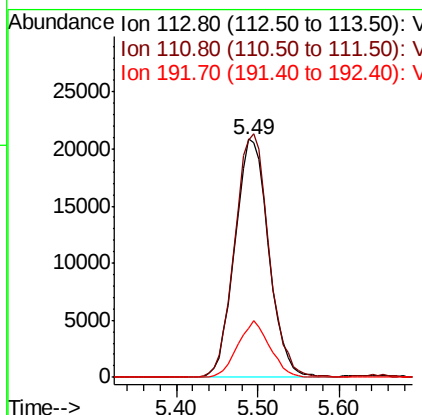
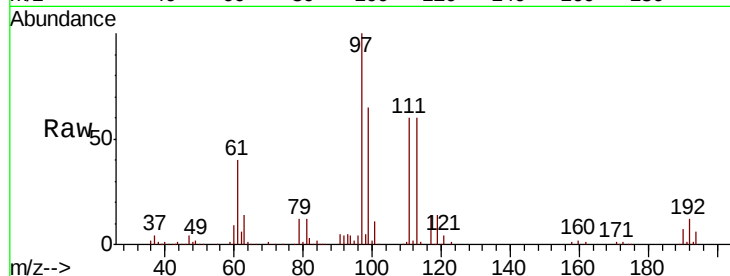




#35
 Dibromofluoromethane
 Concen: 42.964 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

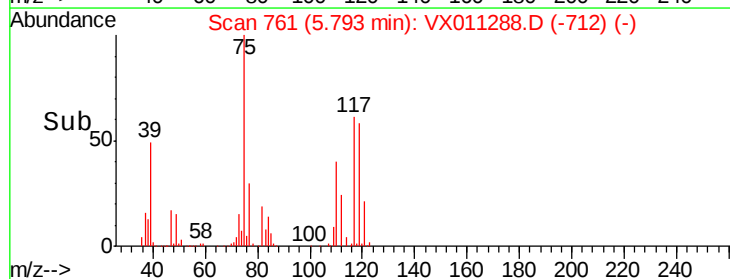
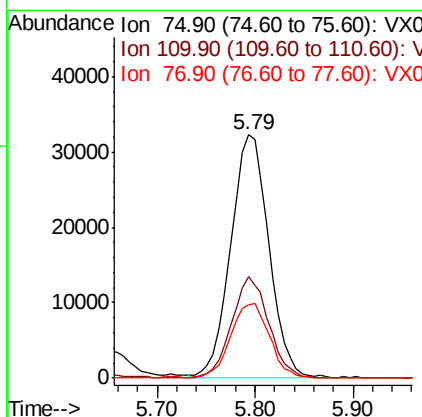
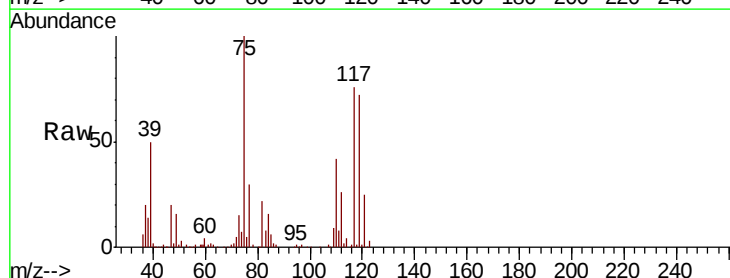
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

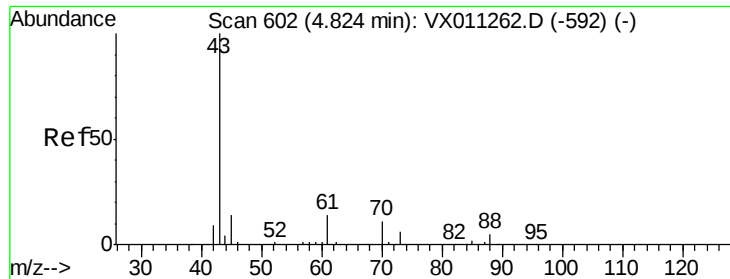
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	22.3	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 46.294 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.7	20.0	59.9
77	31.8	24.8	37.2

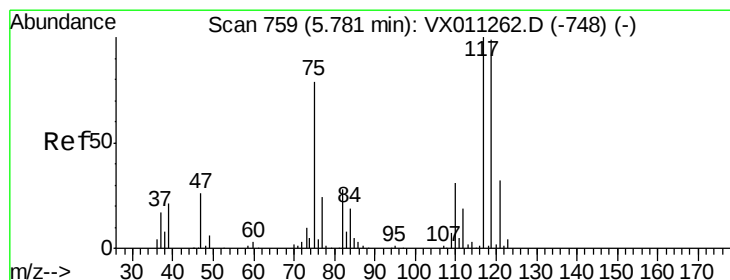
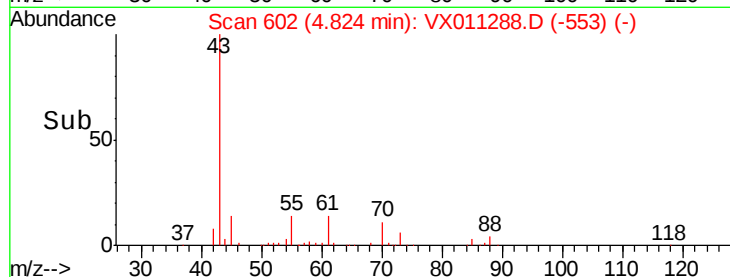
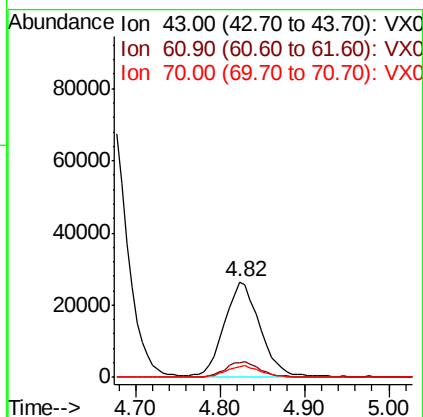
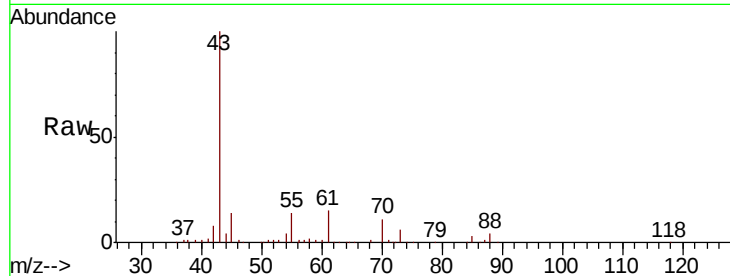




#37
Ethyl Acetate
Concen: 40.113 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

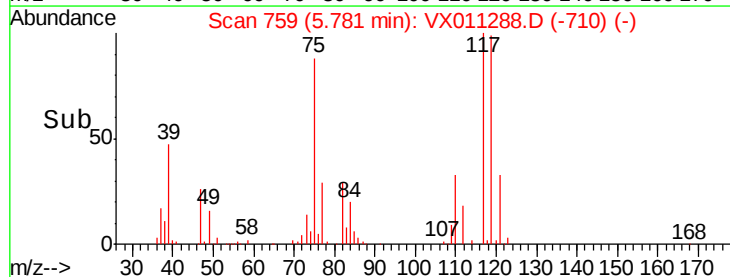
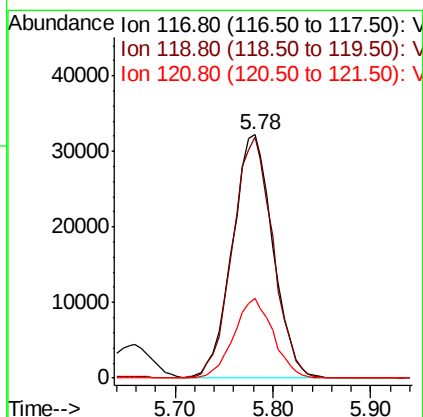
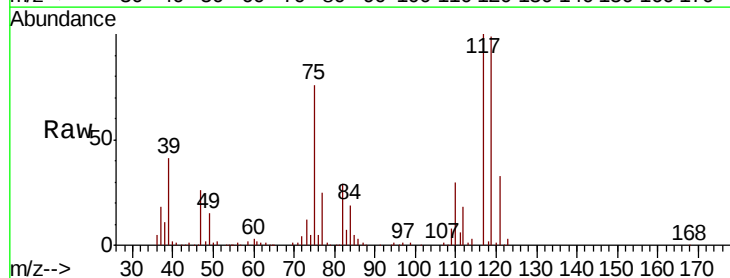
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

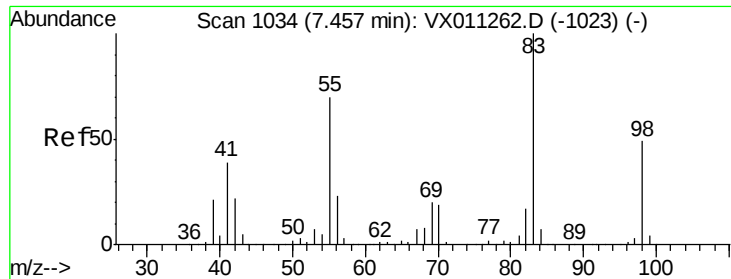
Tot Ion: 43 Resp: 75278
Ion Ratio Lower Upper
43 100
61 15.2 12.6 18.8
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.407 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 117 Resp: 92995
Ion Ratio Lower Upper
117 100
119 98.7 79.0 118.4
121 32.6 25.9 38.9

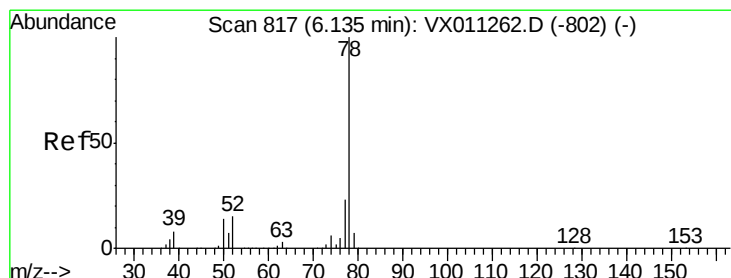
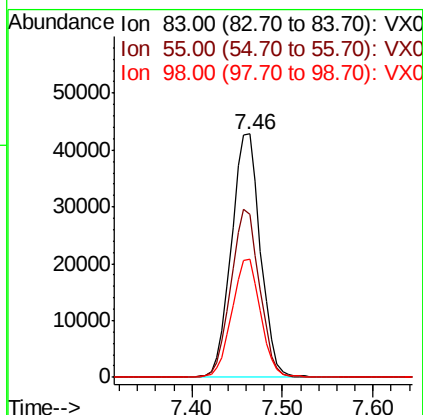
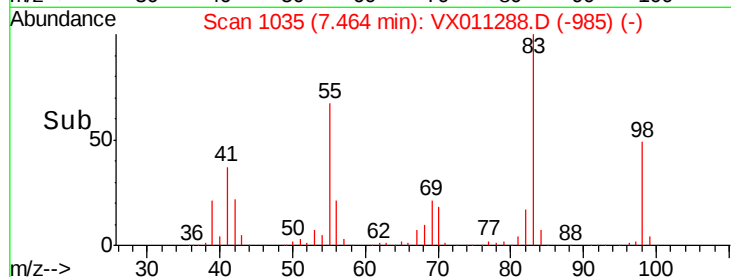
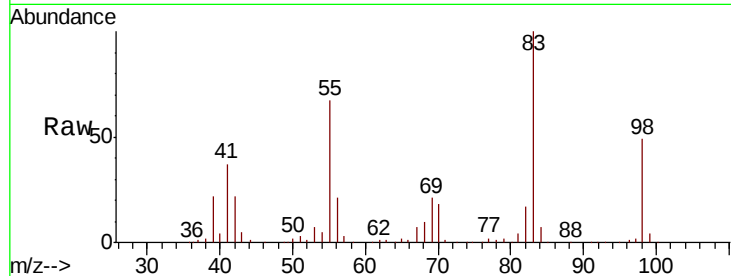




#39
Methvlcvclohexane
Concen: 42.937 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

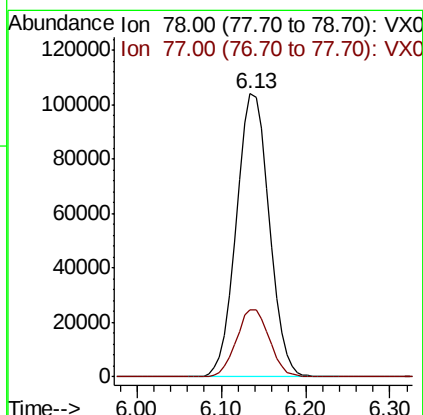
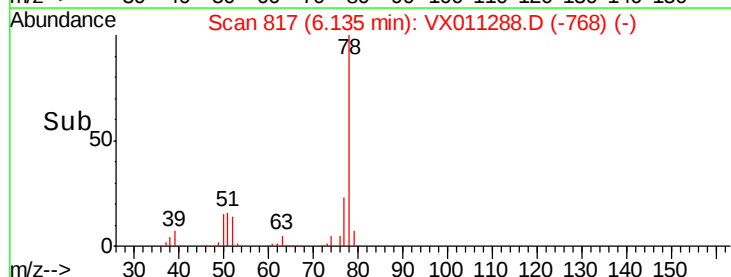
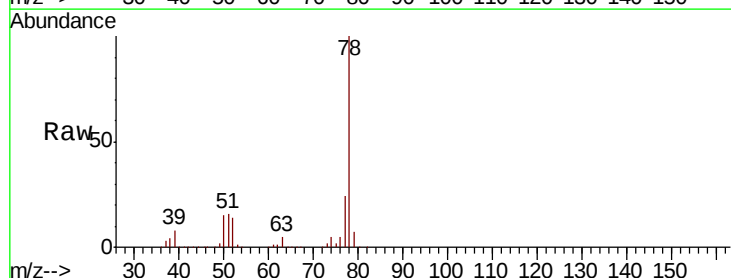
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

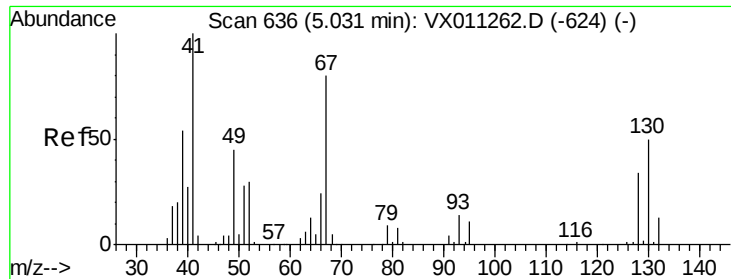
Tot Ion: 83 Resp: 95218
Ion Ratio Lower Upper
83 100
55 66.8 56.1 84.1
98 48.5 39.0 58.4



#40
Benzene
Concen: 49.101 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 78 Resp: 274123
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.2

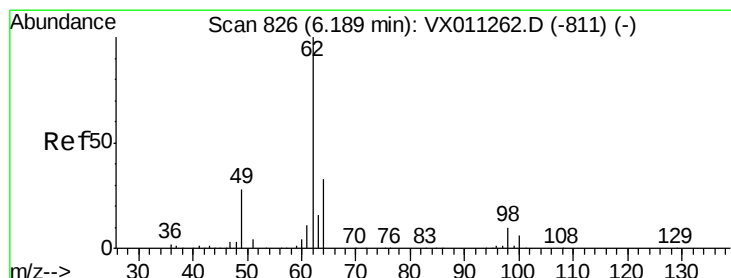
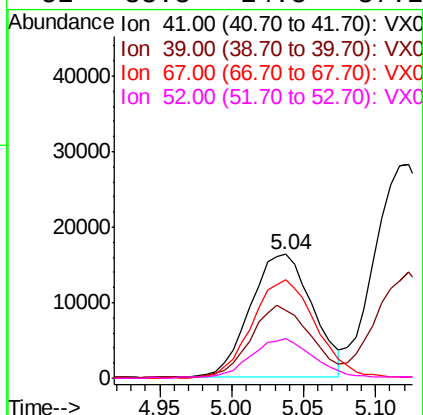
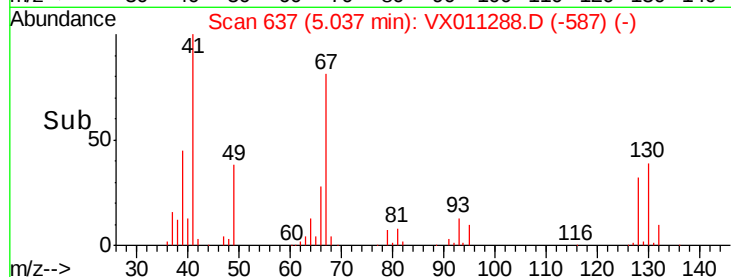
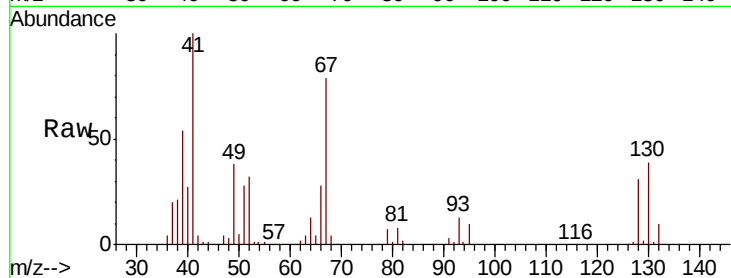




#41
Methacrylonitrile
Concen: 47.889 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

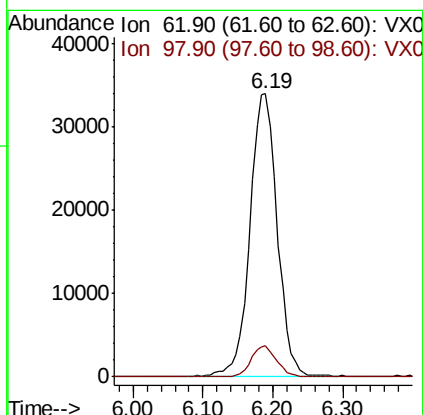
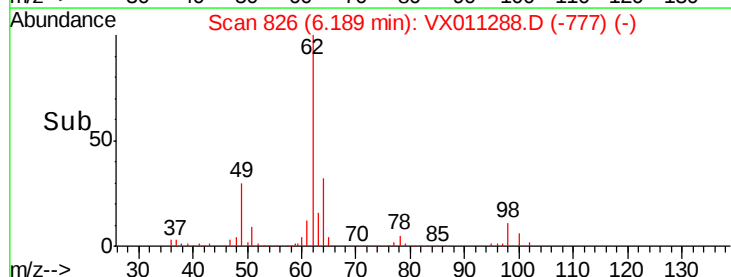
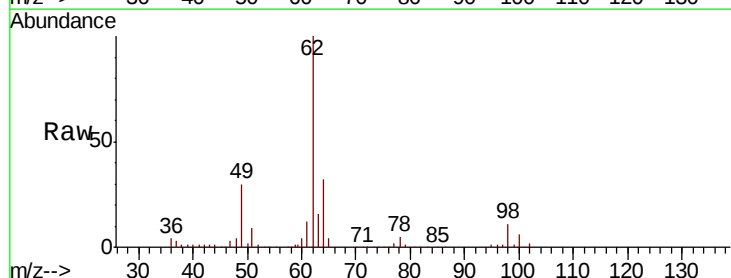
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

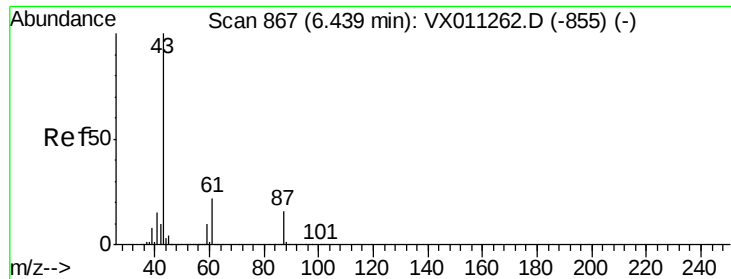
Tot Ion:	41	Resp:	49081
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.0	64.6
67	82.7	65.1	97.7
52	33.3	24.8	37.2



#42
1,2-Dichloroethane
Concen: 48.917 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion:	62	Resp:	92347
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6



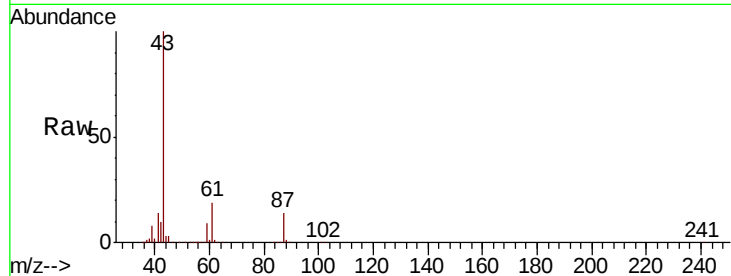


#43

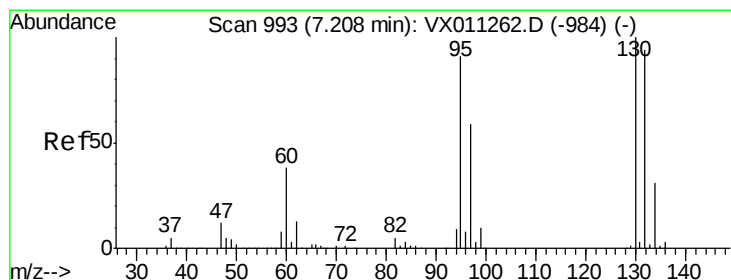
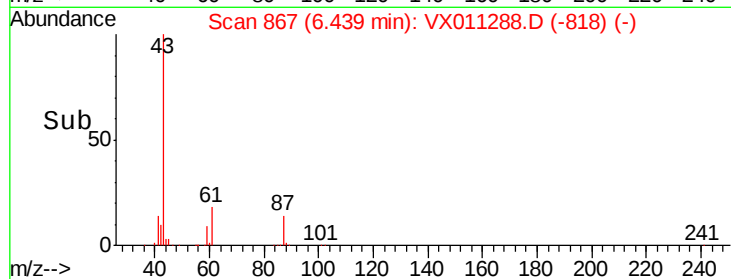
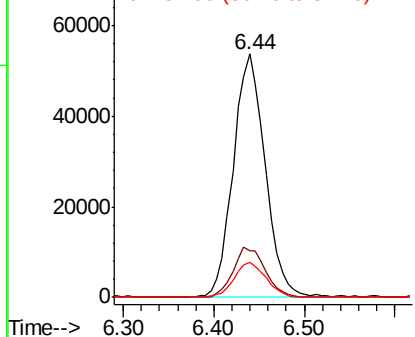
Isopropyl Acetate
 Concen: 43.220 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

Tot Ion: 43 Resp: 129672
 Ion Ratio Lower Upper
 43 100
 61 21.0 16.5 24.7
 87 14.9 12.1 18.1



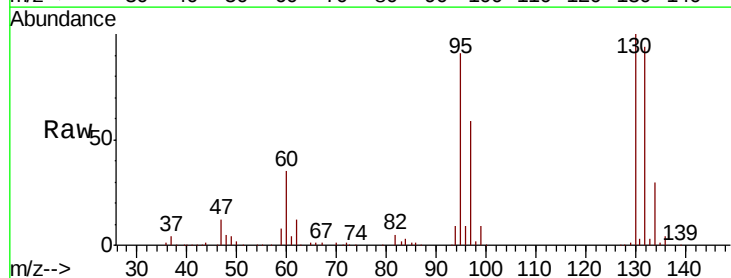
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



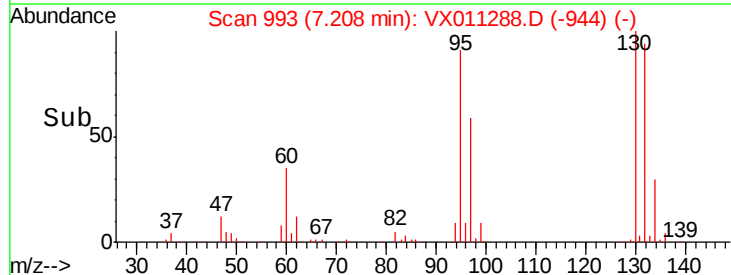
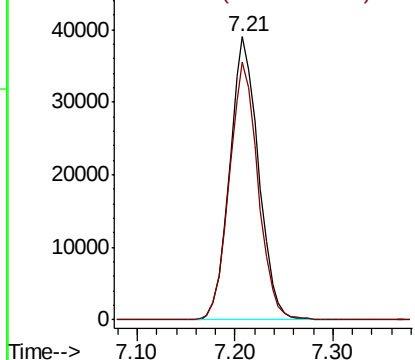
#44

Trichloroethene
 Concen: 47.119 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion:130 Resp: 79625
 Ion Ratio Lower Upper
 130 100
 95 90.9 0.0 182.6



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

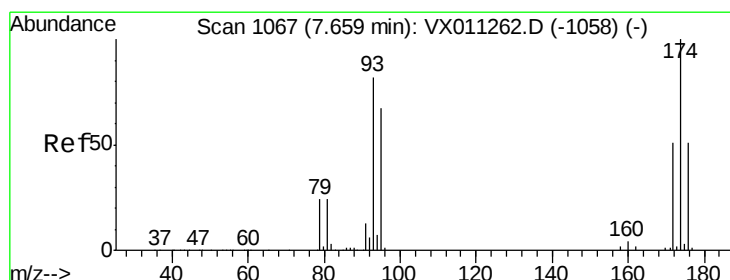
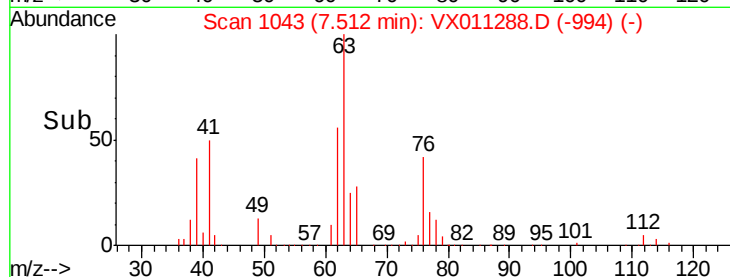
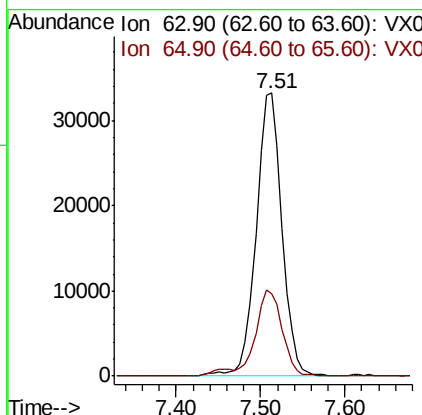
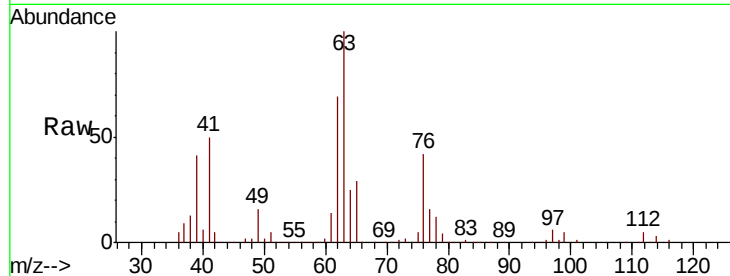




#45
 1,2-Dichloropropane
 Concen: 47.990 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

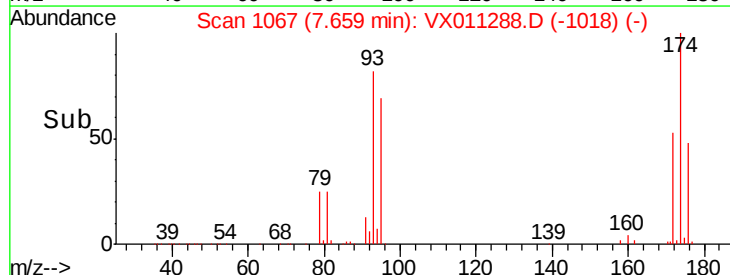
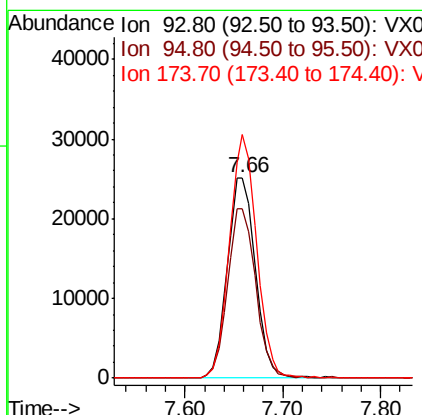
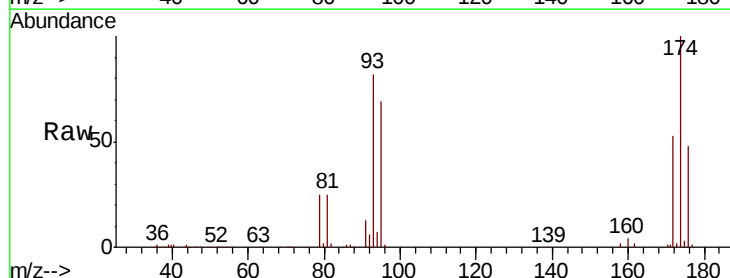
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

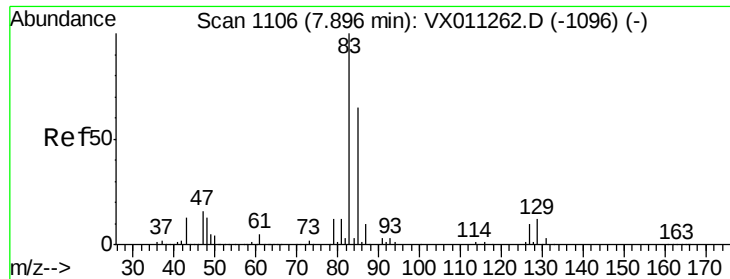
Tot Ion: 63 Resp: 69387
 Ion Ratio Lower Upper
 63 100
 65 29.0 23.3 34.9



#46
 Dibromomethane
 Concen: 47.492 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion: 93 Resp: 50128
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.4 99.6
 174 117.2 93.4 140.2





#47

Bromodichloromethane

Concen: 49.817 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

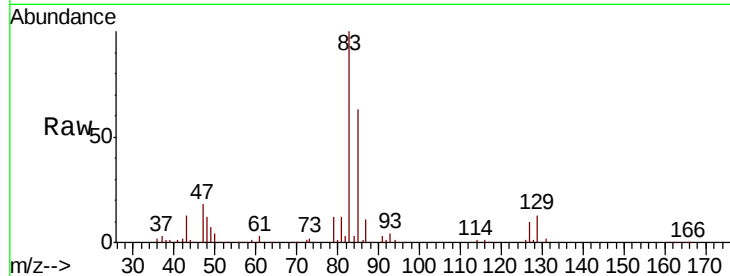
Tot Ion: 83 Resp: 89025

Ion Ratio Lower Upper

83 100

85 63.3 52.2 78.2

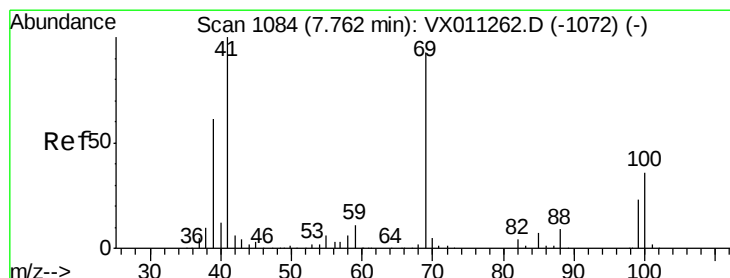
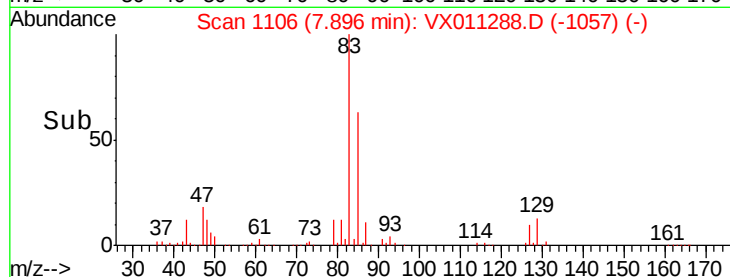
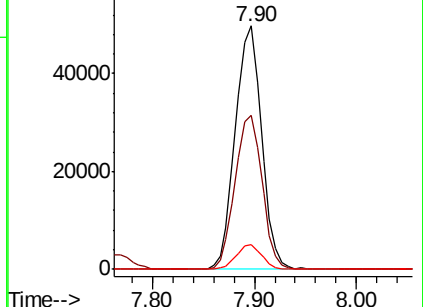
127 10.3 7.8 11.8



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: 49.617 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

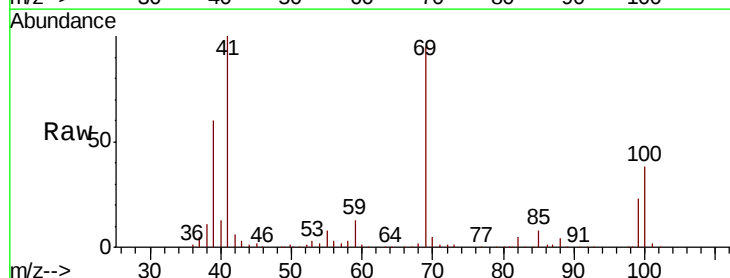
Tgt Ion: 41 Resp: 70058

Ion Ratio Lower Upper

41 100

69 95.7 74.5 111.7

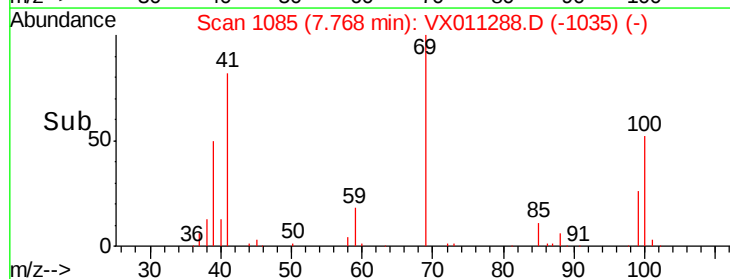
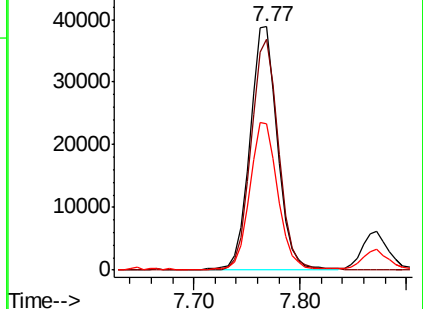
39 61.6 48.6 72.8

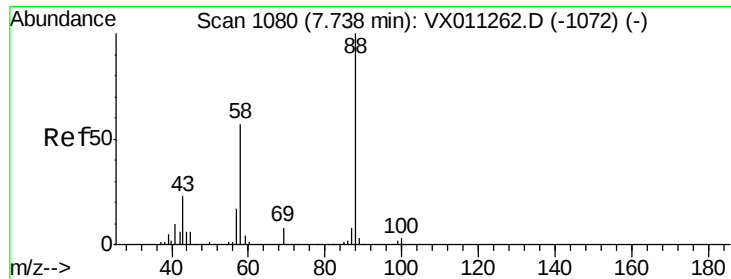


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

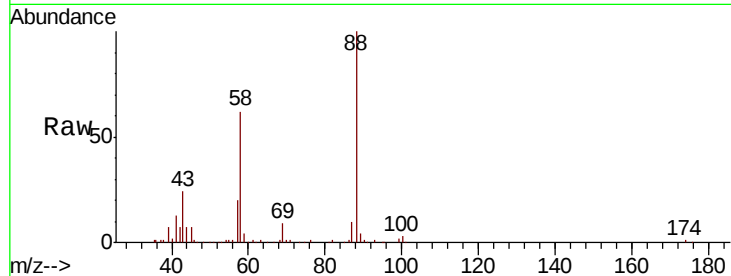




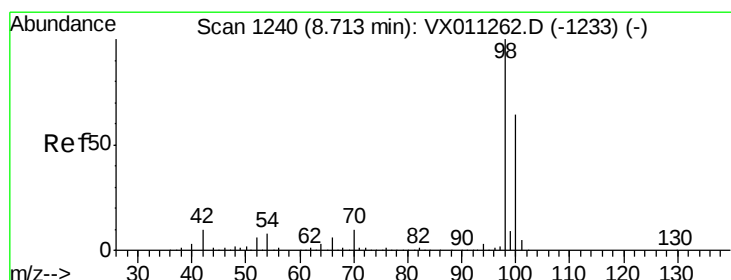
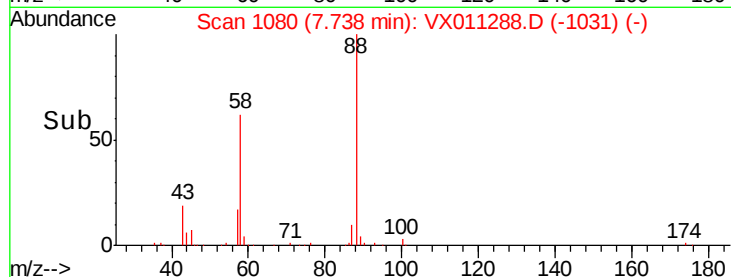
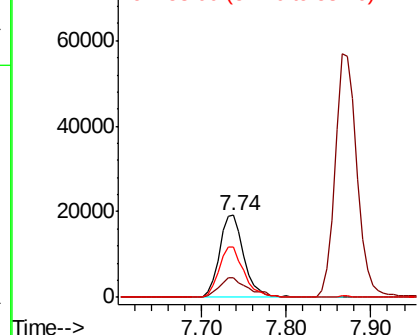
#49
1,4-Dioxane
Concen: 940.621 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion: 88 Resp: 38504
Ion Ratio Lower Upper
88 100
43 27.5 22.2 33.2
58 63.0 47.8 71.8

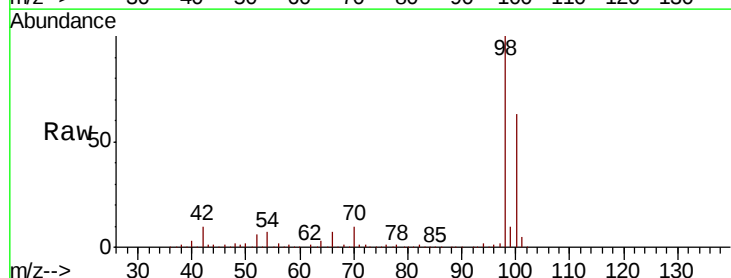


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

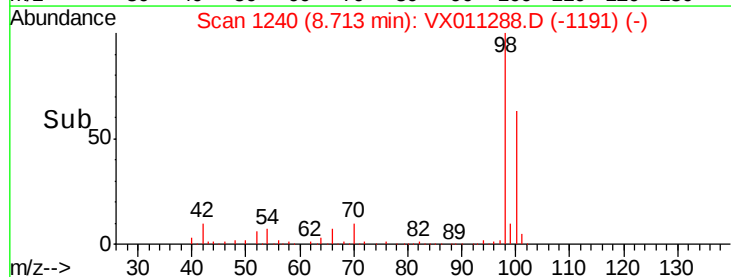
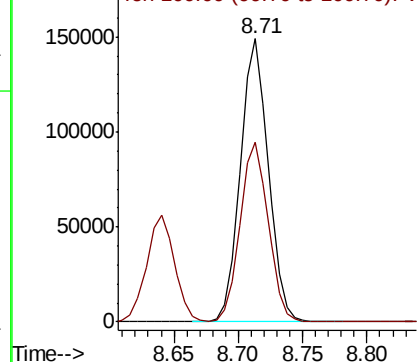


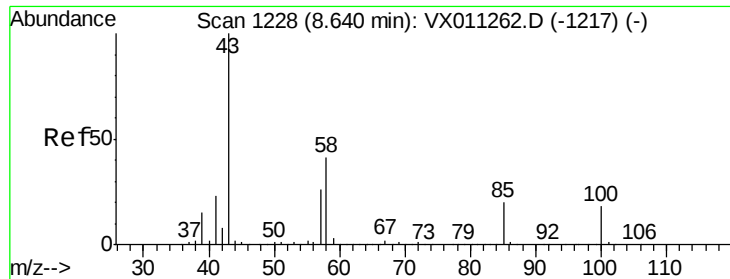
#50
Toluene-d8
Concen: 42.503 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 98 Resp: 224449
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

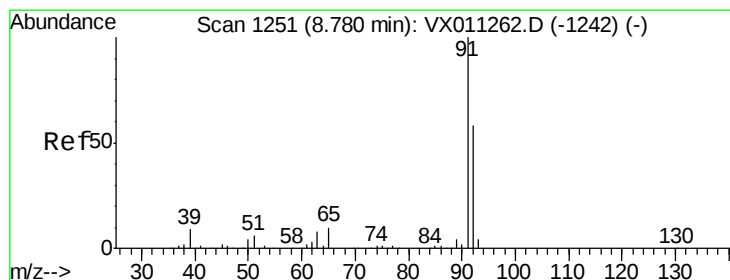
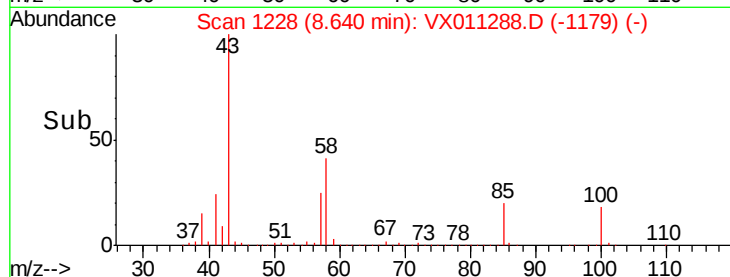
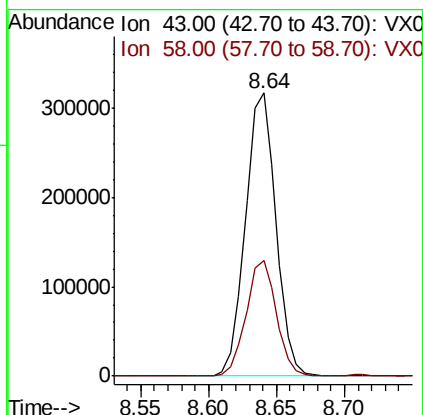
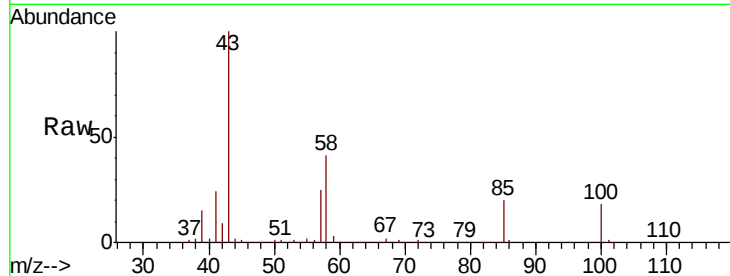




#51
4-Methyl-2-Pentanone
Concen: 256.924 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

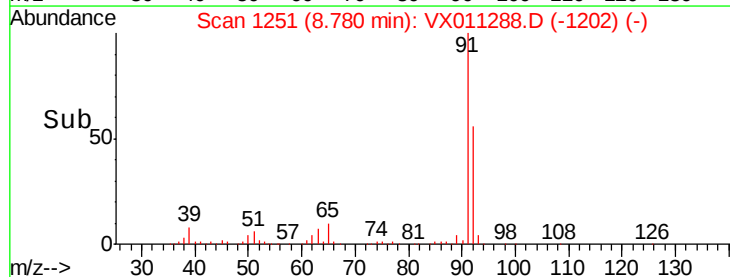
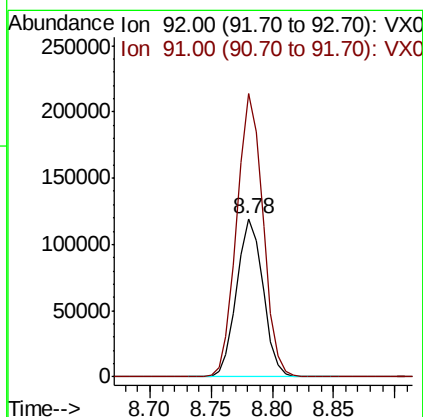
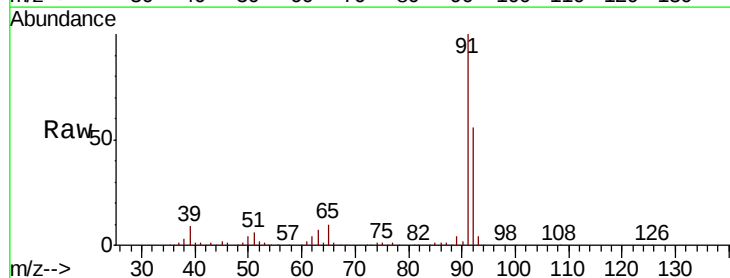
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

Tot Ion: 43 Resp: 497478
Ion Ratio Lower Upper
43 100
58 40.5 32.3 48.5



#52
Toluene
Concen: 48.383 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 92 Resp: 178593
Ion Ratio Lower Upper
92 100
91 178.0 139.4 209.0

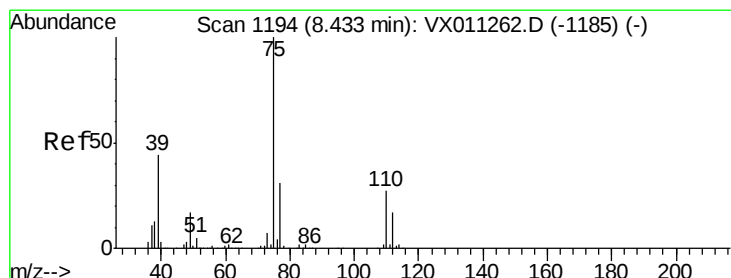
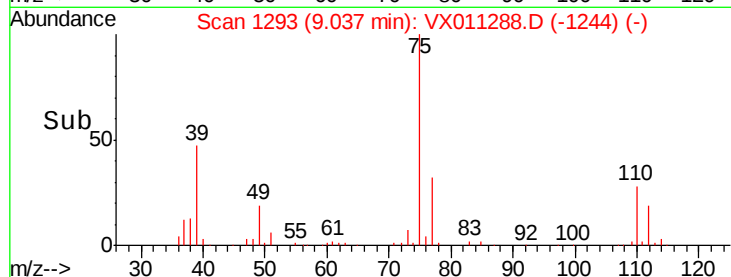
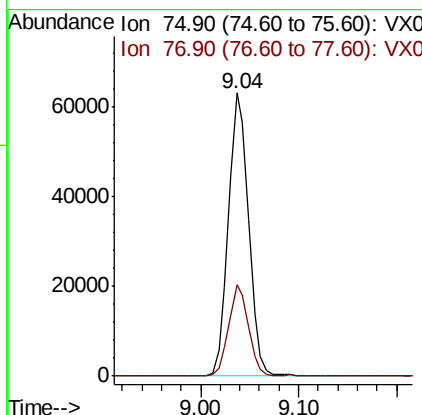
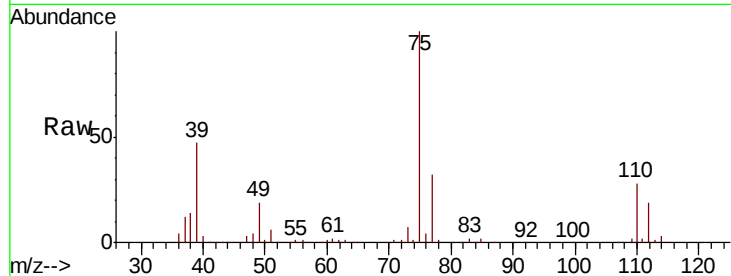




#53
 t-1,3-Dichloropropene
 Concen: 43.965 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

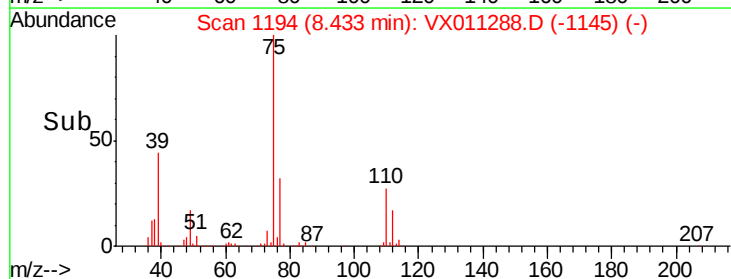
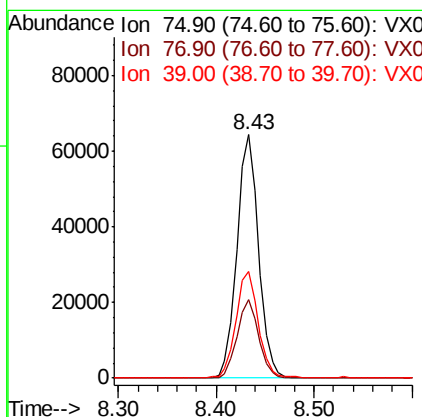
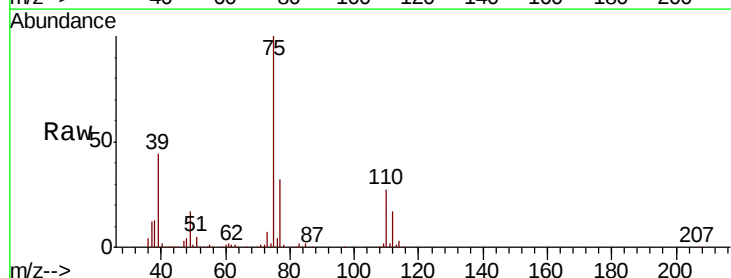
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

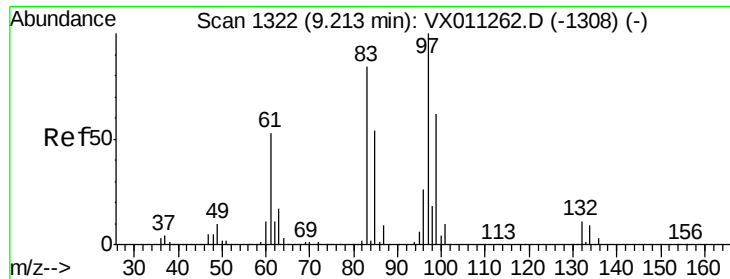
Tot Ion: 75 Resp: 90743
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 47.409 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion: 75 Resp: 98966
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.6
 39 43.7 35.3 52.9

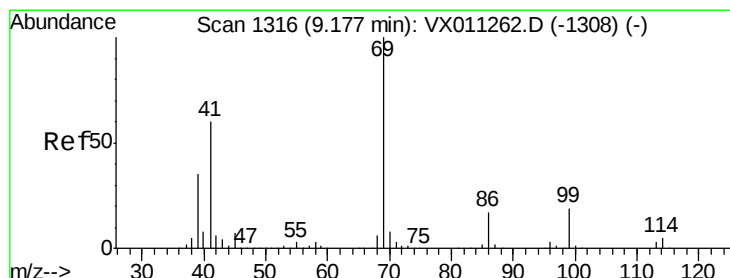
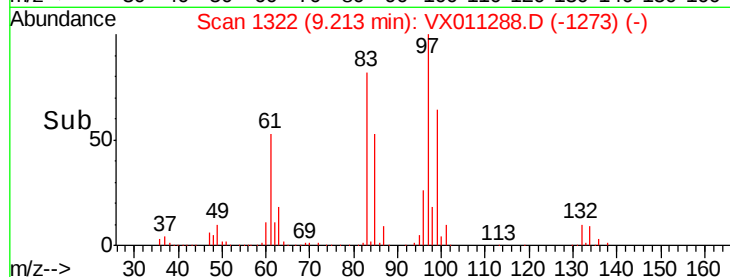
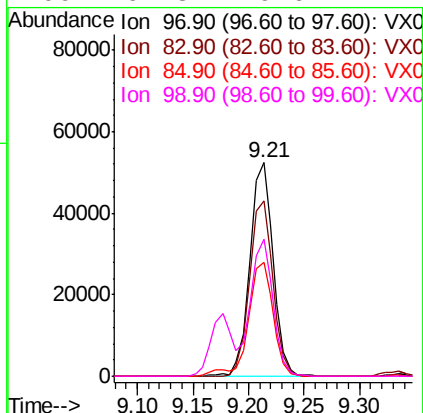
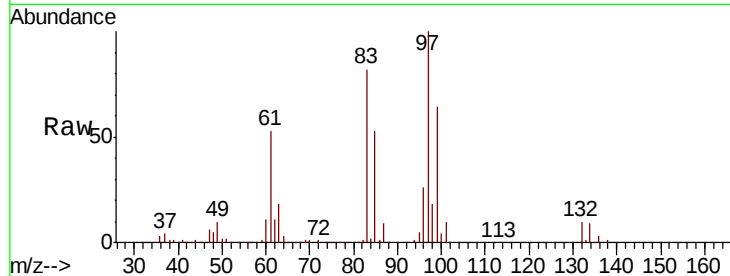




#55
 1,1,2-Trichloroethane
 Concen: 50.120 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

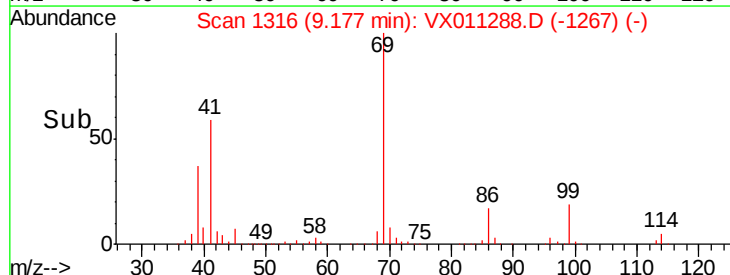
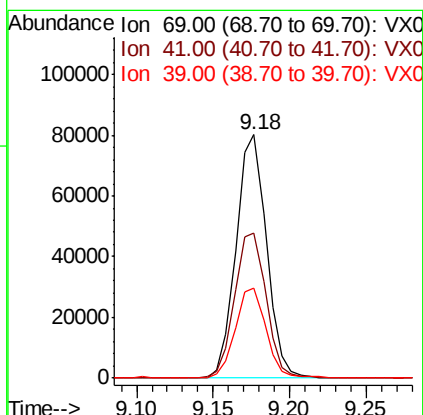
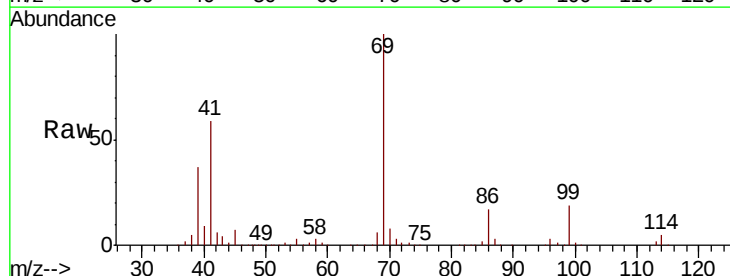
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

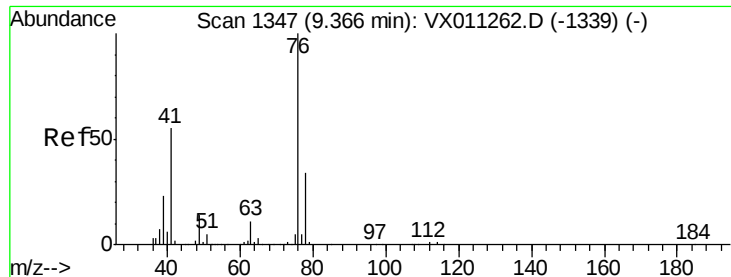
Tot Ion:	97	Resp:	76065
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.6	101.4
85	53.1	43.4	65.0
99	64.3	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 51.186 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion:	69	Resp:	110704
Ion	Ratio	Lower	Upper
69	100		
41	61.4	48.6	73.0
39	36.9	29.4	44.2





#57

1,3-Dichloropropane

Concen: 49.079 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

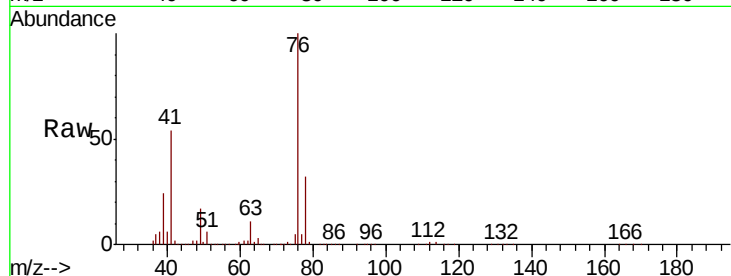
SA-MW127I-20190730MSD

Tot Ion: 76 Resp: 117799

Ion Ratio Lower Upper

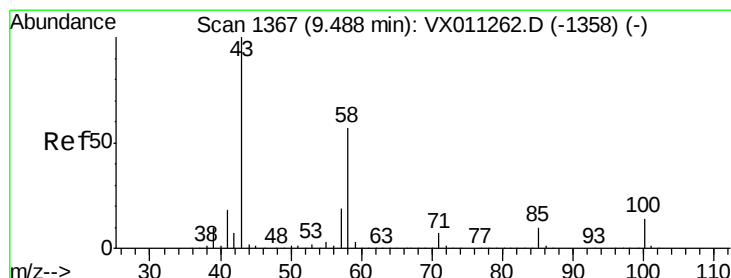
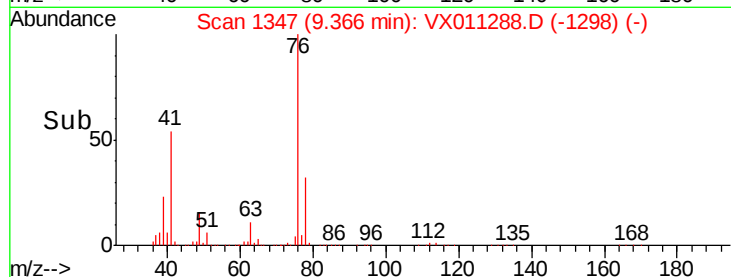
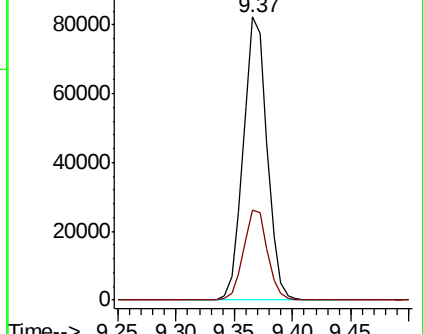
76 100

78 32.2 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 262.073 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX011288.D

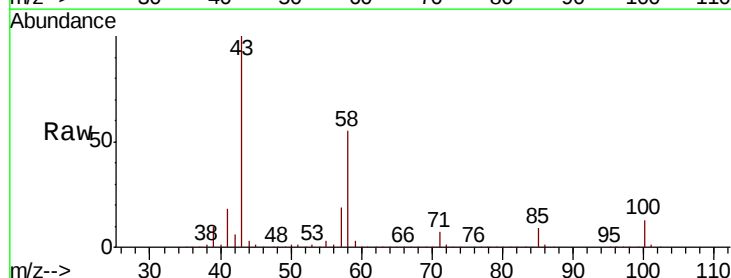
Acq: 02 Aug 2019 03:07

Tgt Ion: 43 Resp: 393050

Ion Ratio Lower Upper

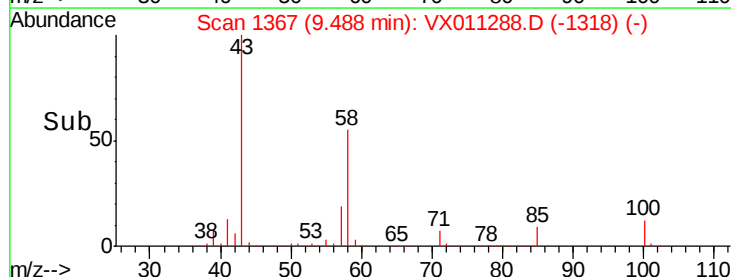
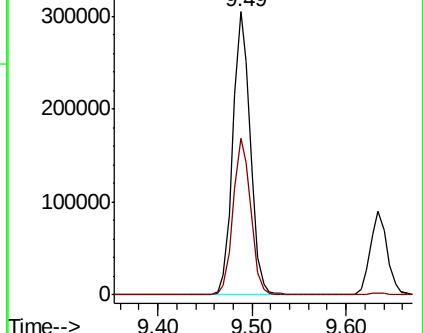
43 100

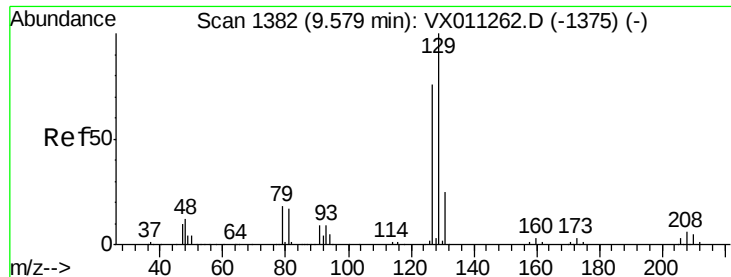
58 55.7 28.2 84.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 51.913 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

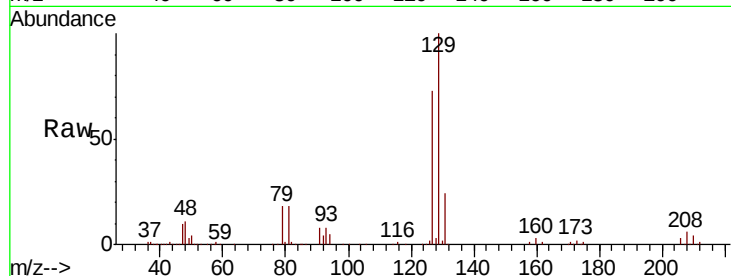
SA-MW127I-20190730MSD

Tot Ion:129 Resp: 80663

Ion Ratio Lower Upper

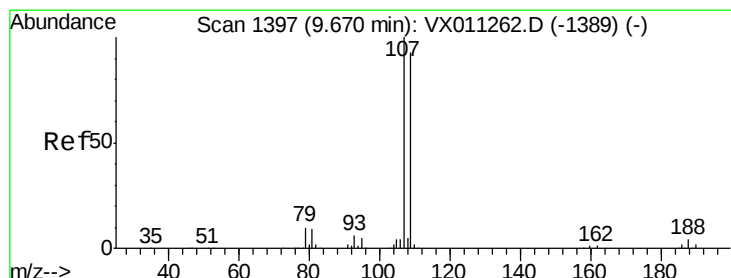
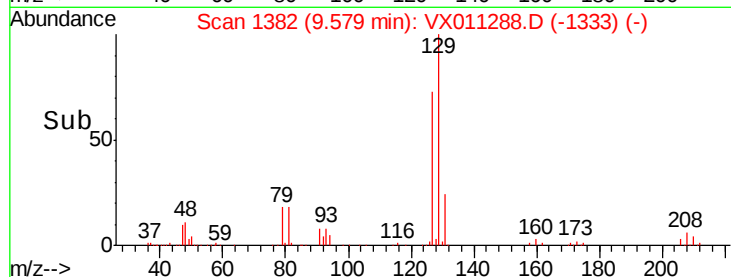
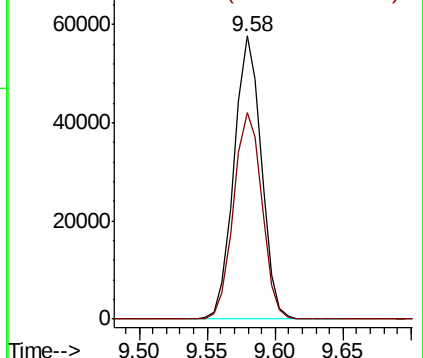
129 100

127 75.8 39.2 117.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.281 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011288.D

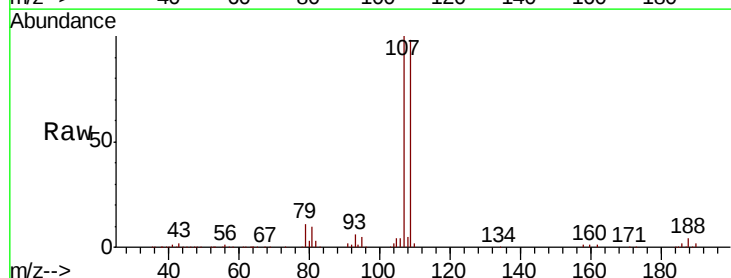
Acq: 02 Aug 2019 03:07

Tgt Ion:107 Resp: 80806

Ion Ratio Lower Upper

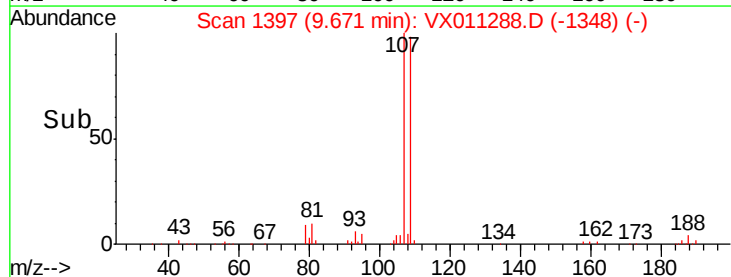
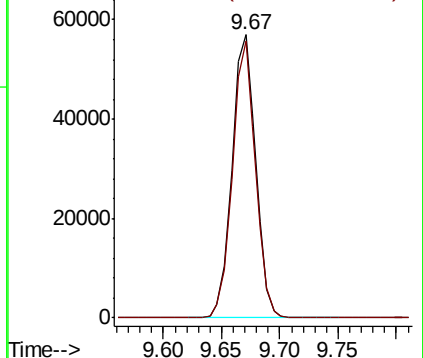
107 100

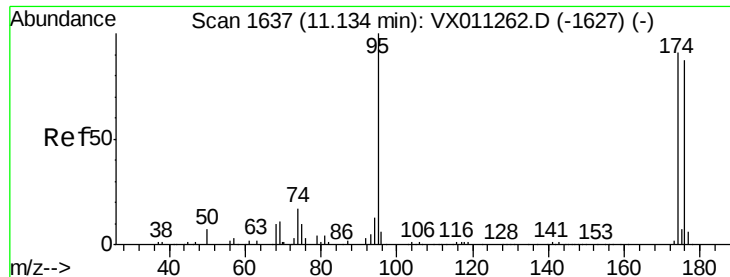
109 95.0 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

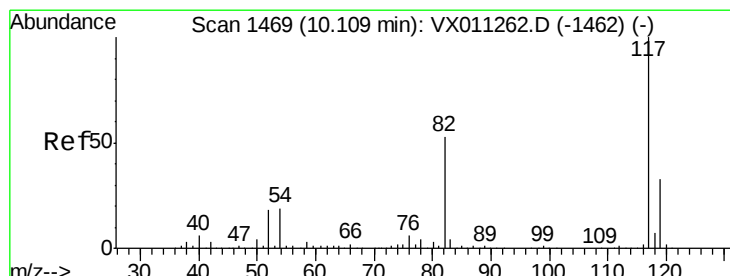
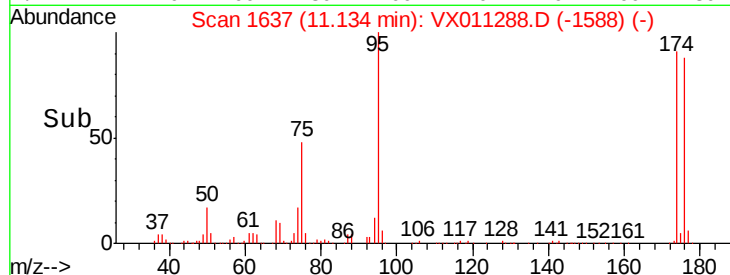
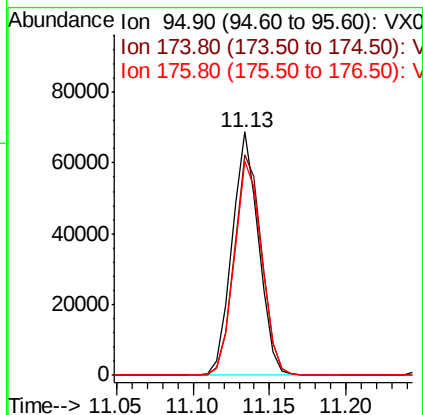
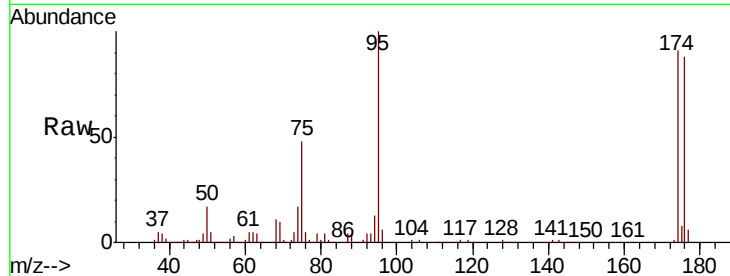




#62
4-Bromofluorobenzene
Concen: 43.904 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

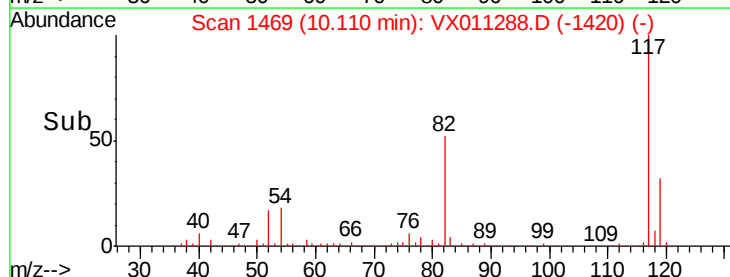
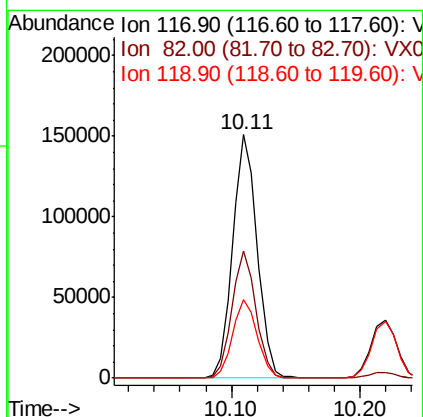
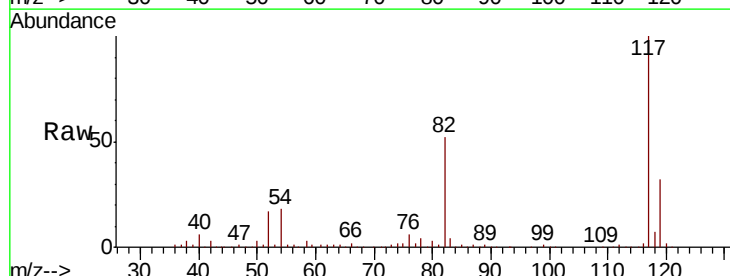
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

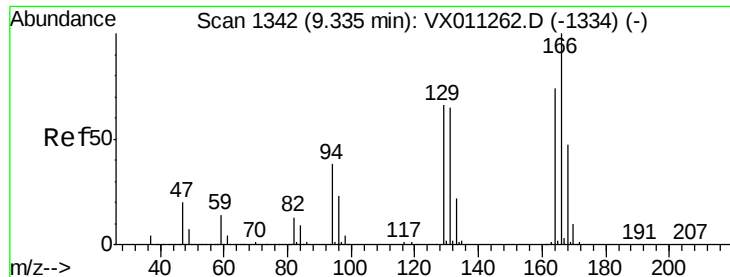
Tot Ion: 95 Resp: 82776
Ion Ratio Lower Upper
95 100
174 93.9 0.0 191.2
176 90.9 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 117 Resp: 199997
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 32.2 26.6 39.8





#64

Tetrachloroethene

Concen: 45.332 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion:164 Resp: 76994

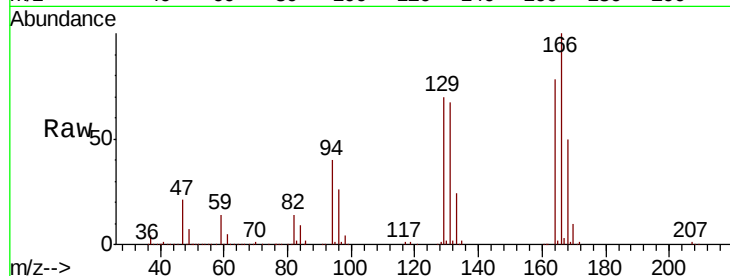
Ion Ratio Lower Upper

164 100

166 128.4 107.5 161.3

129 90.3 71.0 106.4

131 85.4 69.8 104.6

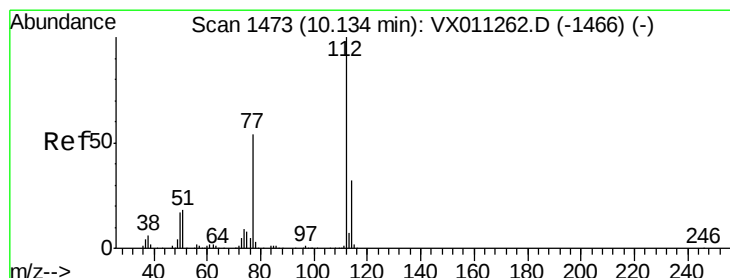
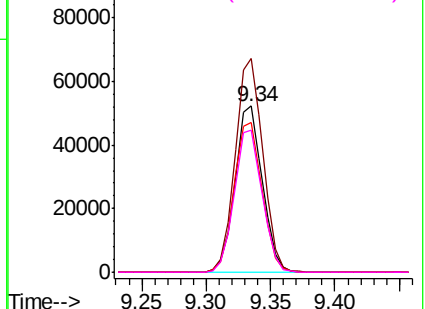
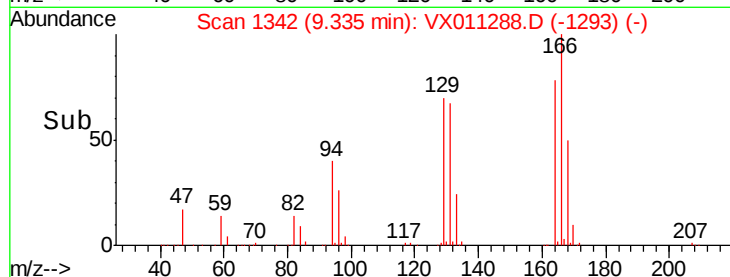


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.549 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011288.D

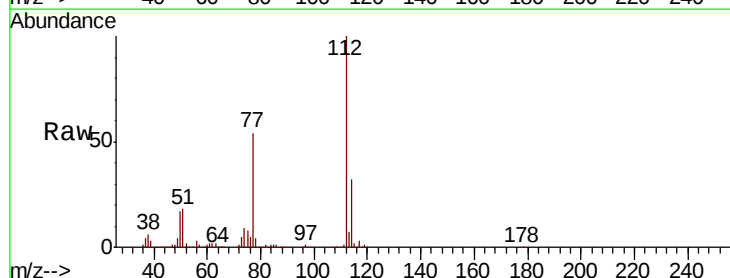
Acq: 02 Aug 2019 03:07

Tgt Ion:112 Resp: 203900

Ion Ratio Lower Upper

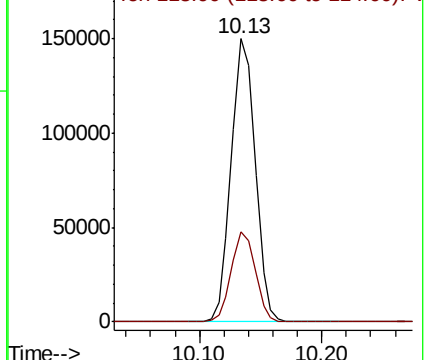
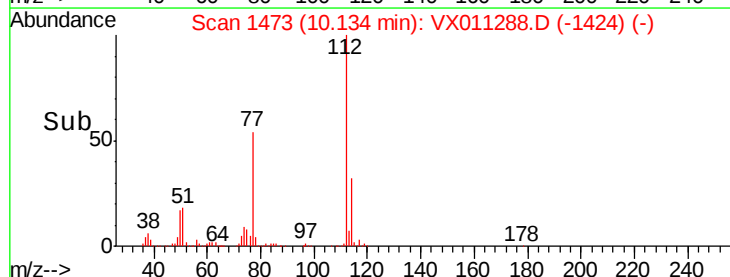
112 100

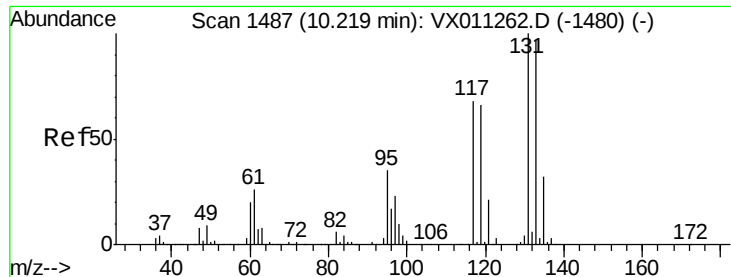
114 31.8 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

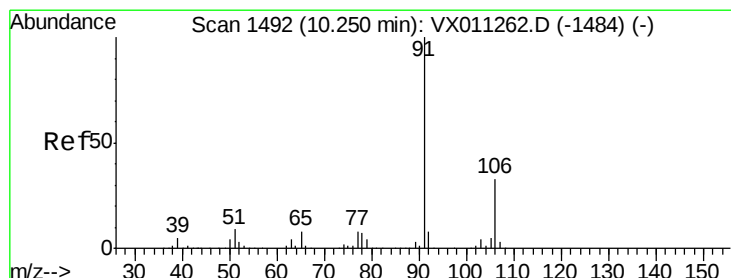
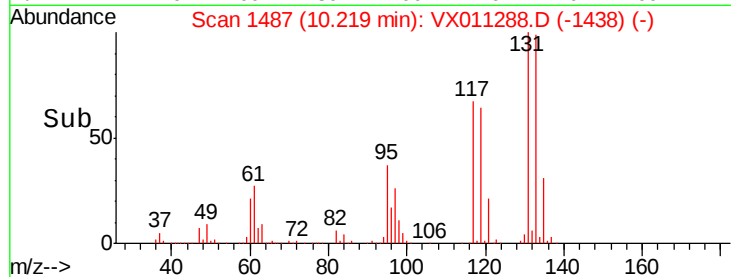
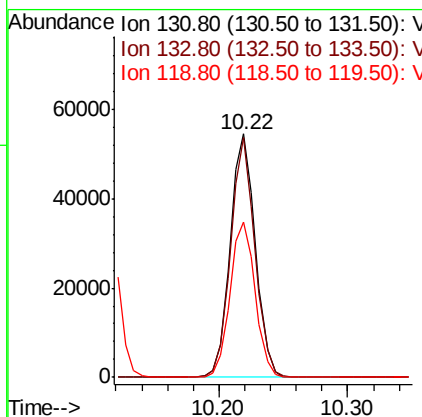
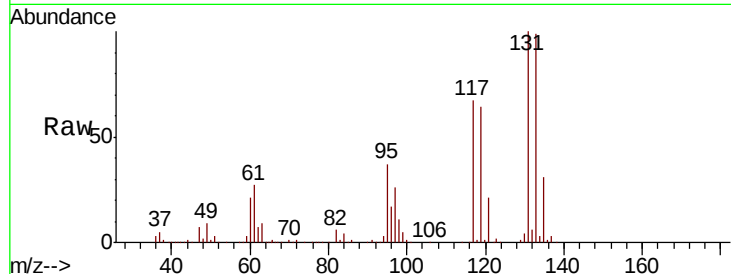




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.518 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

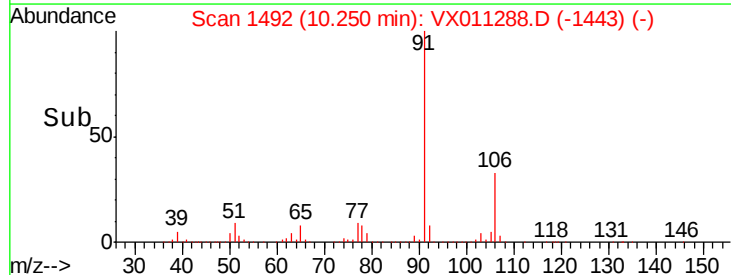
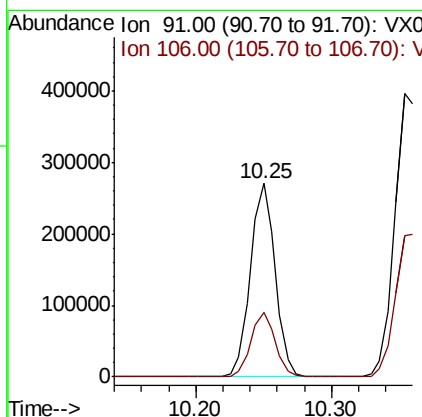
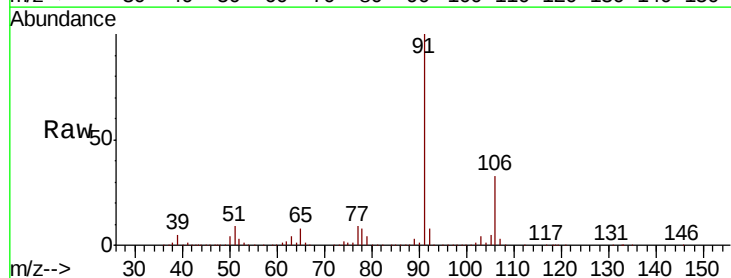
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

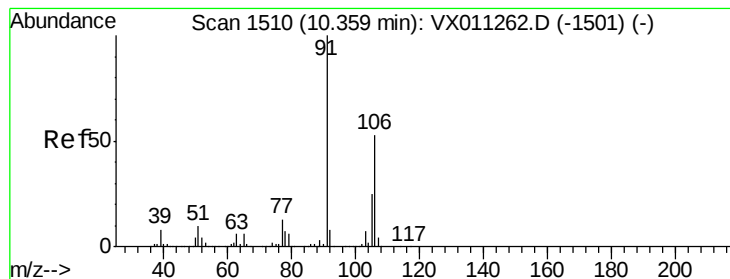
Tot Ion:131 Resp: 74165
 Ion Ratio Lower Upper
 131 100
 133 95.4 47.7 143.1
 119 64.1 32.8 98.3



#67
 Ethyl Benzene
 Concen: 48.342 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion: 91 Resp: 347173
 Ion Ratio Lower Upper
 91 100
 106 33.3 26.2 39.4





#68

m/p-Xylenes

Concen: 98.390 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

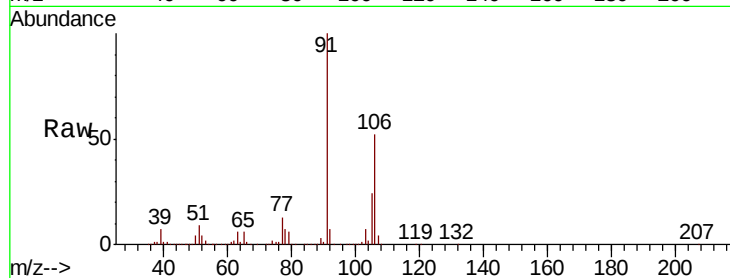
SA-MW127I-20190730MSD

Tot Ion:106 Resp: 273314

Ion Ratio Lower Upper

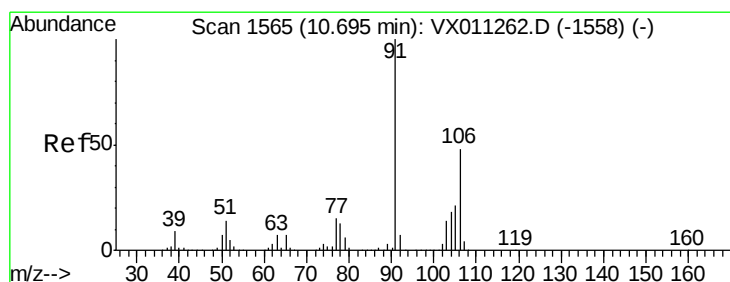
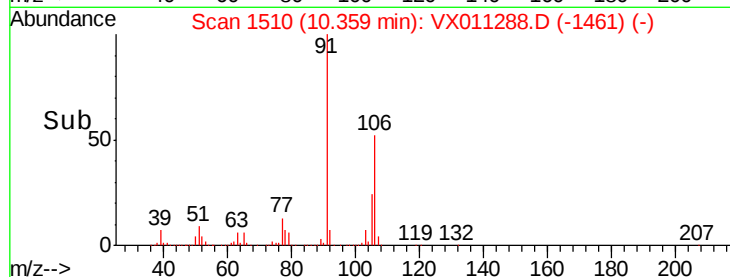
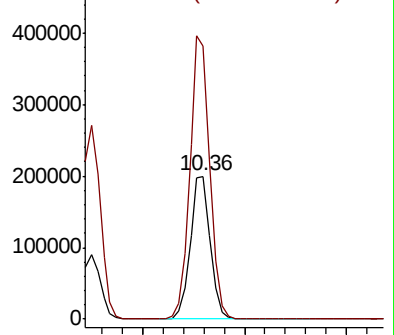
106 100

91 196.9 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.887 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX011288.D

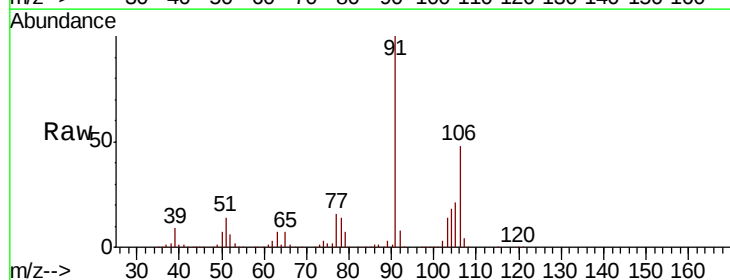
Acq: 02 Aug 2019 03:07

Tgt Ion:106 Resp: 133430

Ion Ratio Lower Upper

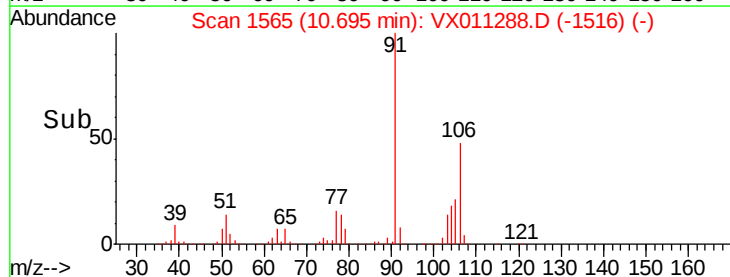
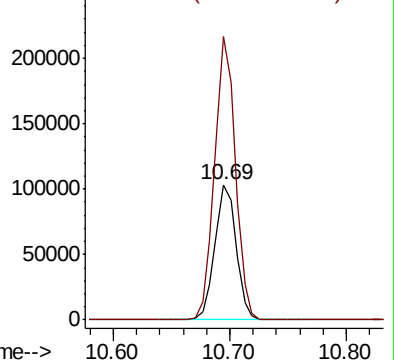
106 100

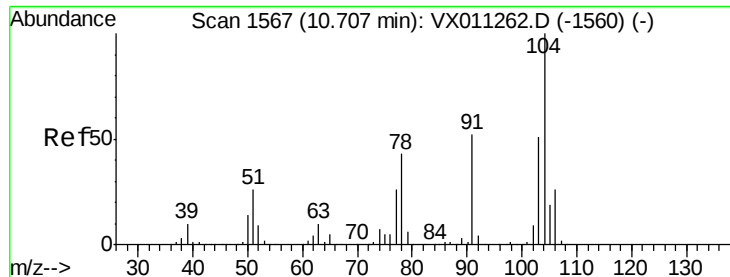
91 204.2 103.8 311.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 50.477 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

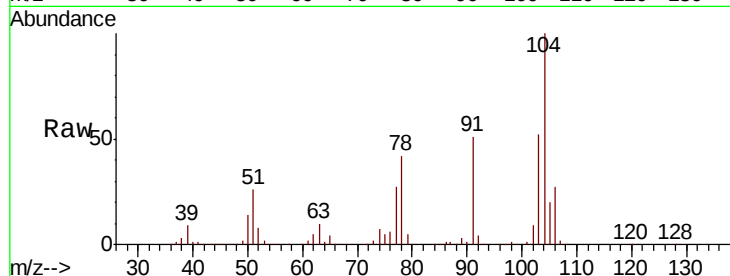
Tot Ion:104 Resp: 227957

Ion Ratio Lower Upper

104 100

78 46.7 36.9 55.3

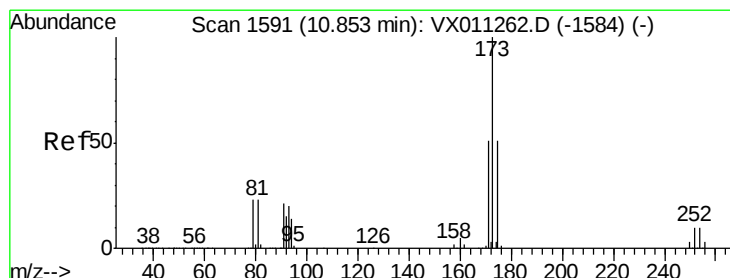
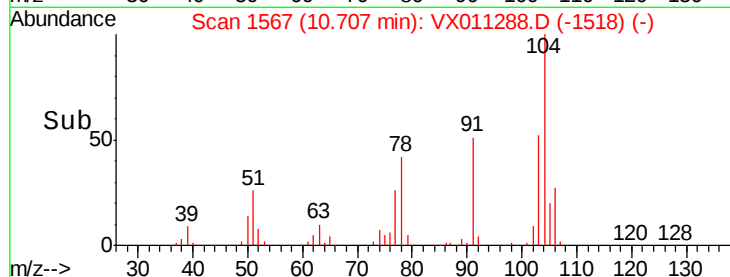
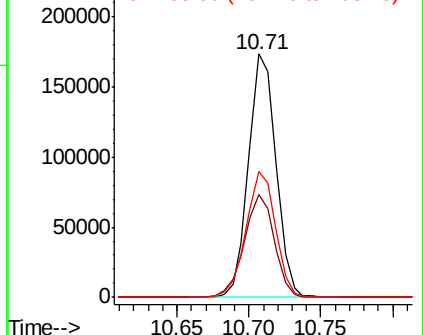
103 55.7 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 46.416 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

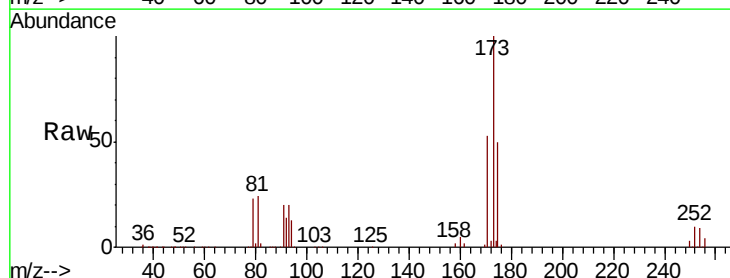
Tgt Ion:173 Resp: 60646

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.4

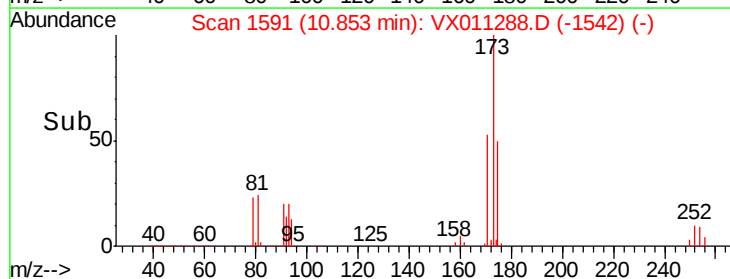
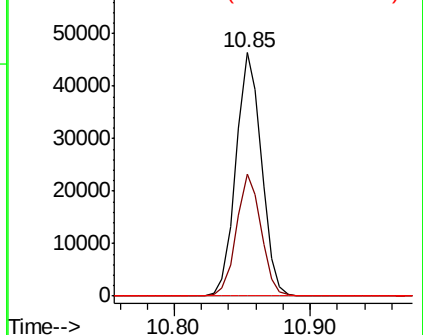
254 0.1 0.2 0.2#

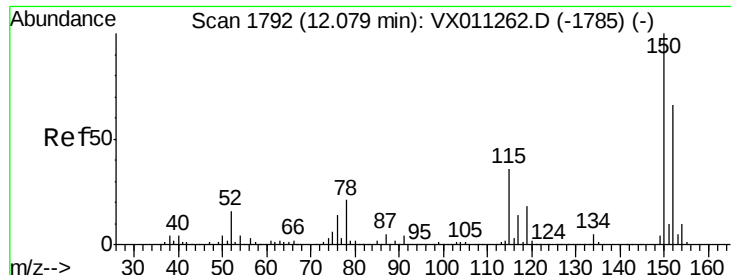


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



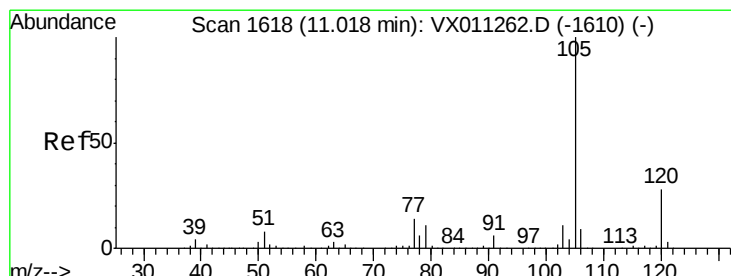
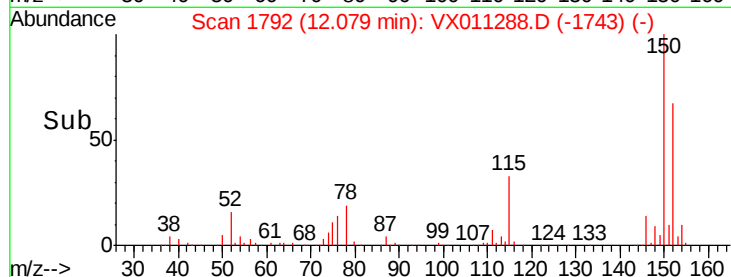
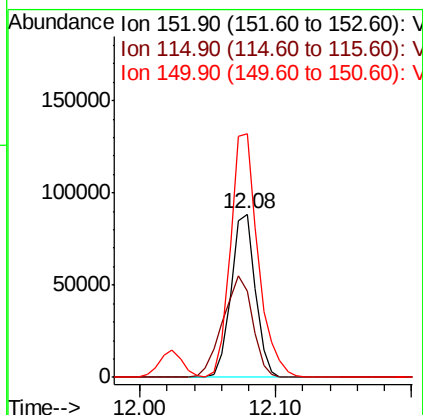
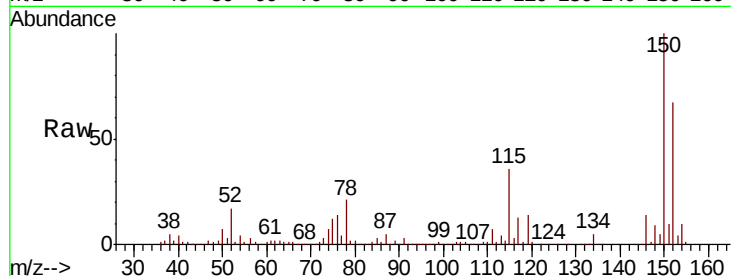


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

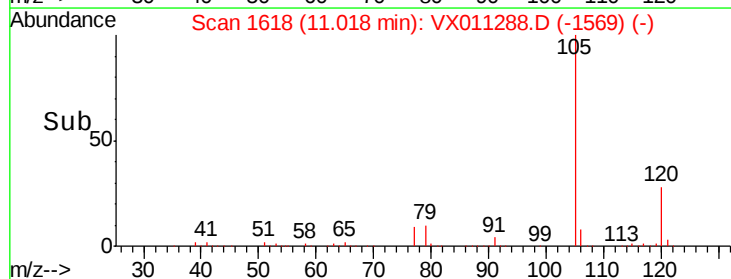
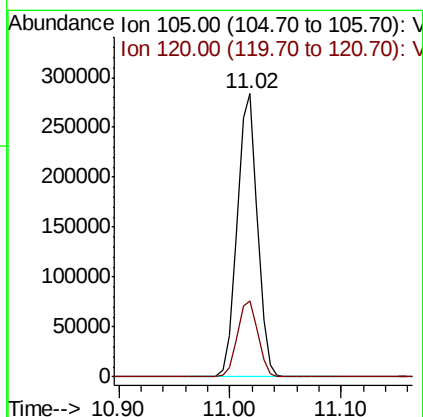
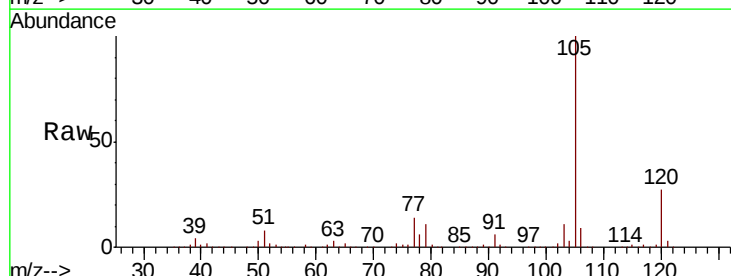
Tot Ion:152 Resp: 109395
Ion Ratio Lower Upper
152 100
115 76.4 40.0 119.9
150 169.3 0.0 350.4

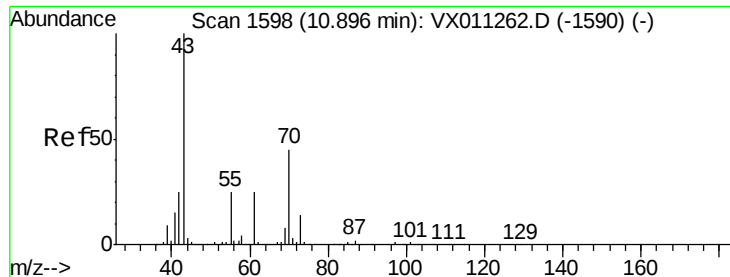


#73

Isopropylbenzene
Concen: 47.550 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion:105 Resp: 355758
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1





#74

N-amvl acetate

Concen: 41.337 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

Tot Ion: 43 Resp: 111751

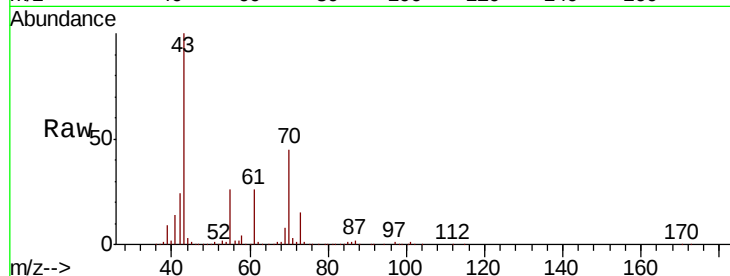
Ion Ratio Lower Upper

43 100

70 44.6 35.9 53.9

55 25.3 19.8 29.6

61 25.1 19.7 29.5

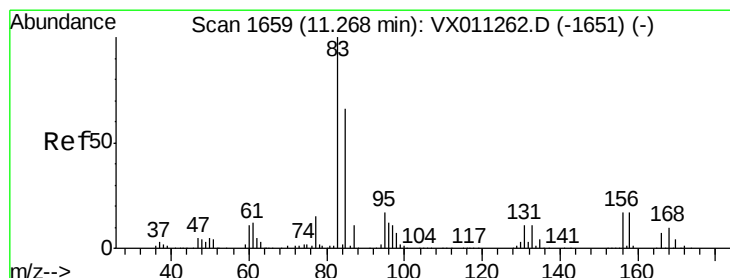
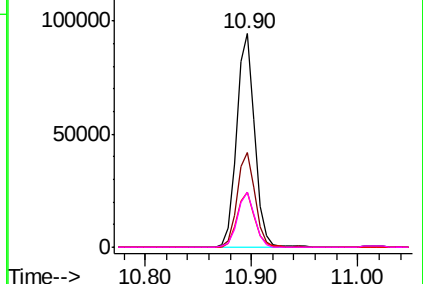
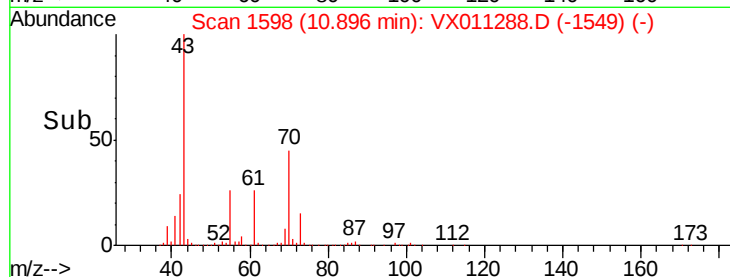


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.343 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

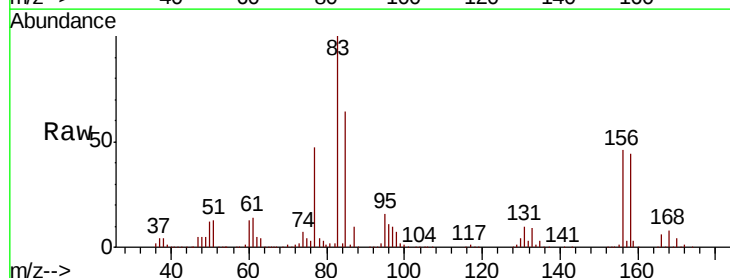
Tgt Ion: 83 Resp: 123029

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

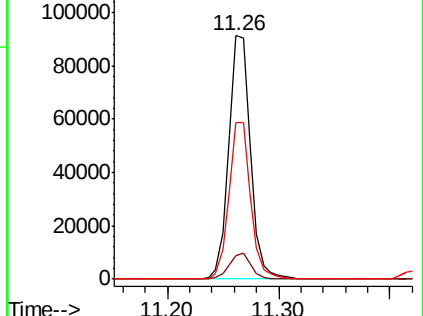
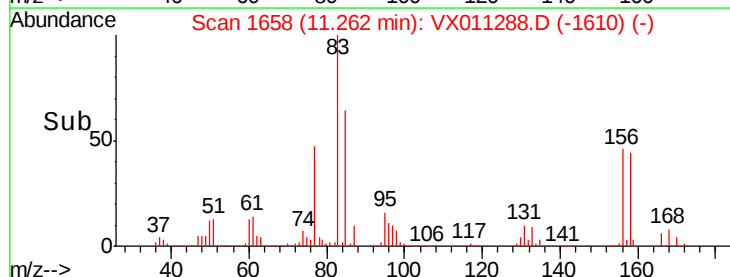
85 64.2 32.1 96.5

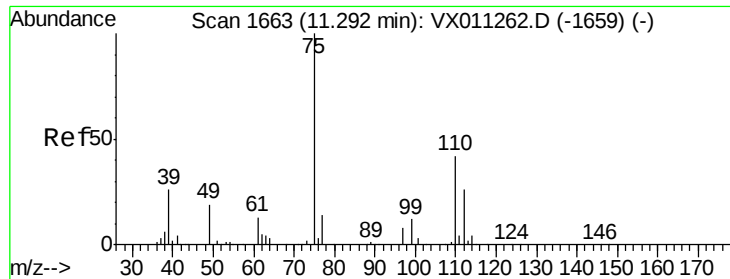


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

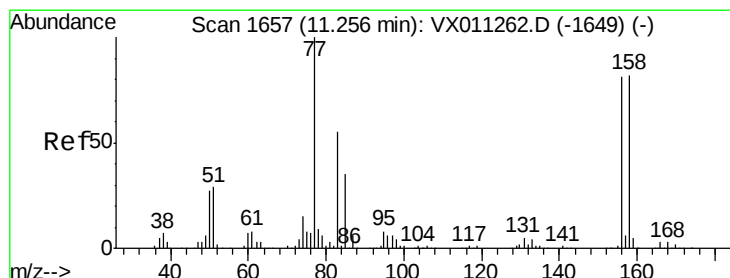
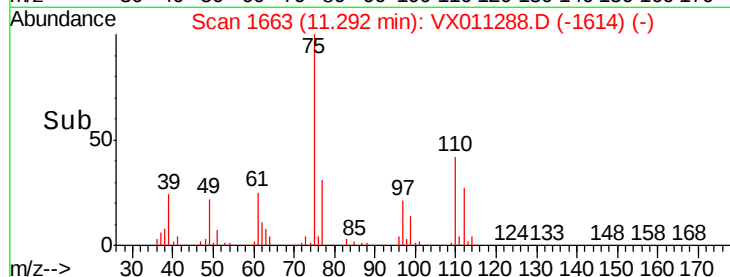
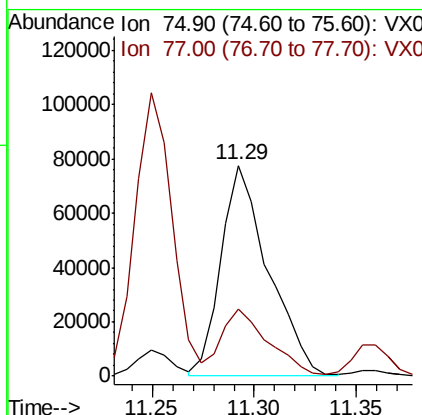
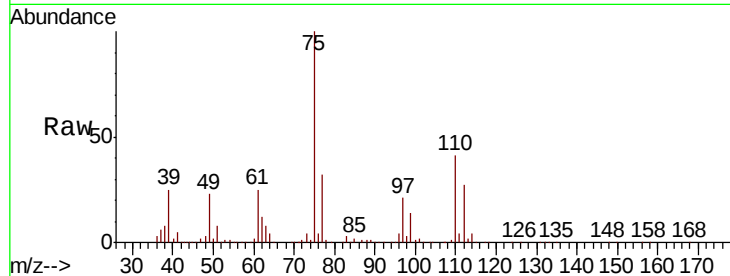




#76
 1,2,3-Trichloropropane
 Concen: 62.668 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

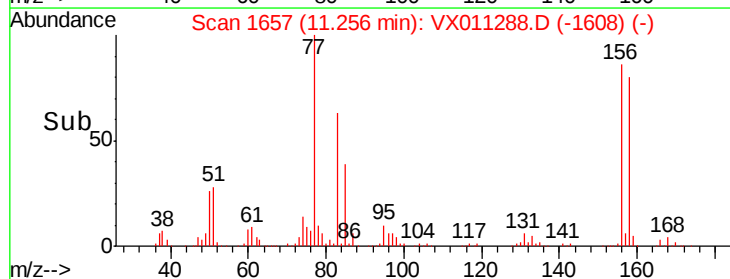
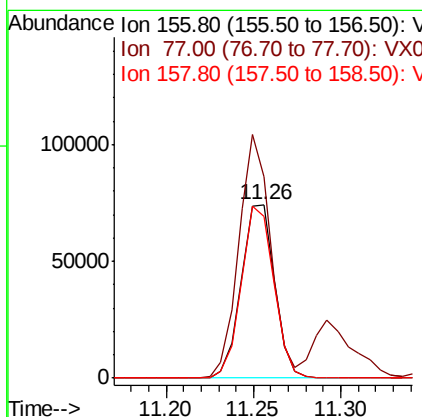
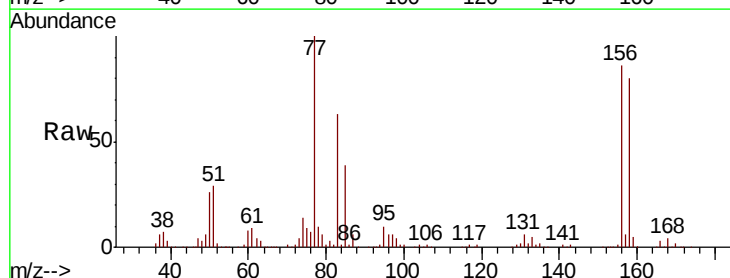
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

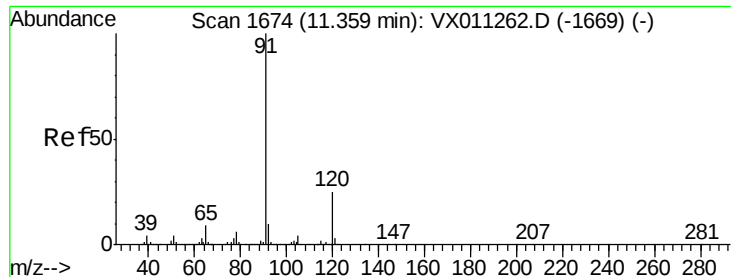
Tot Ion: 75 Resp: 124848
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.1 63.4



#77
 Bromobenzene
 Concen: 47.777 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion: 156 Resp: 99121
 Ion Ratio Lower Upper
 156 100
 77 133.2 66.2 198.6
 158 96.5 49.1 147.3





#78

n-propylbenzene

Concen: 47.592 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

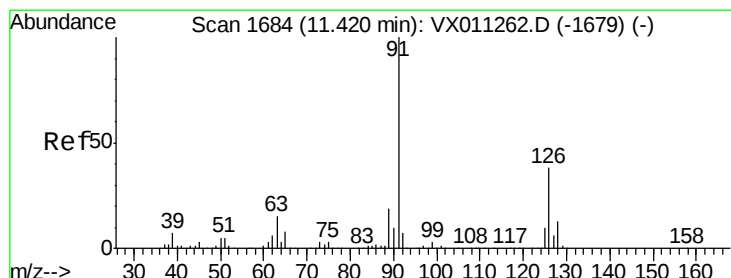
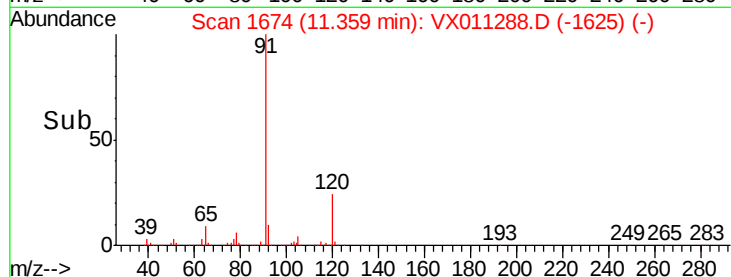
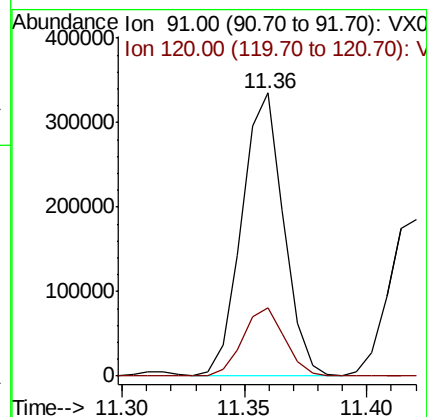
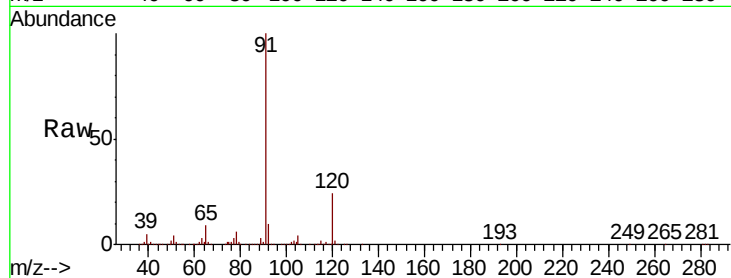
SA-MW127I-20190730MSD

Tot Ion: 91 Resp: 395976

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.0



#79

2-Chlorotoluene

Concen: 47.729 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011288.D

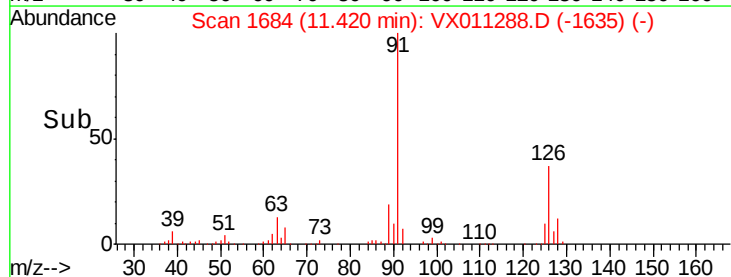
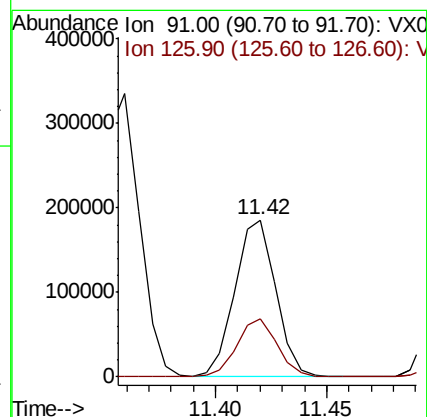
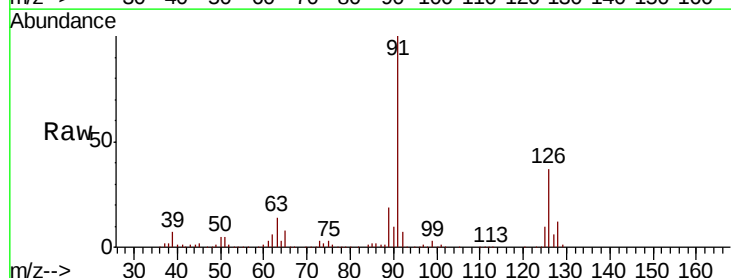
Acq: 02 Aug 2019 03:07

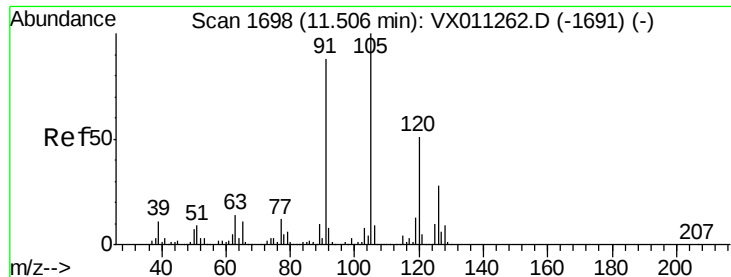
Tgt Ion: 91 Resp: 236694

Ion Ratio Lower Upper

91 100

126 36.6 18.5 55.5

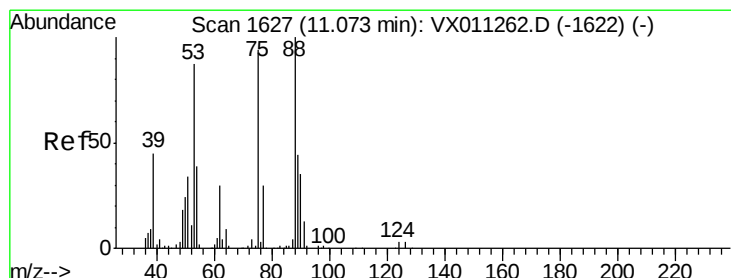
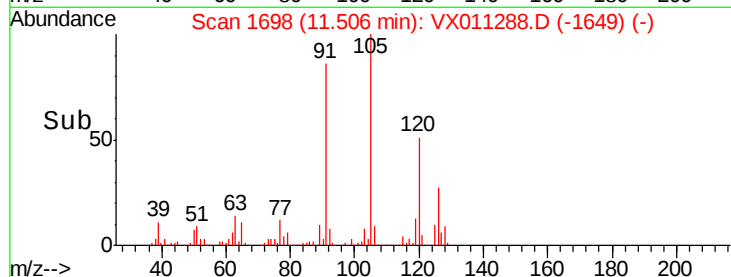
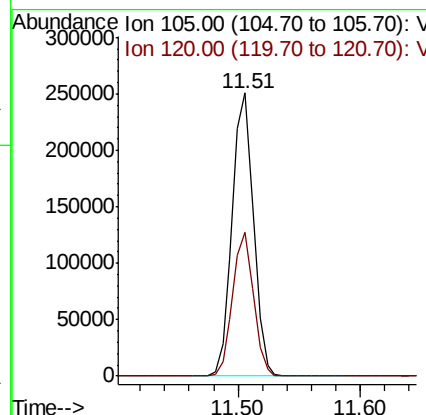
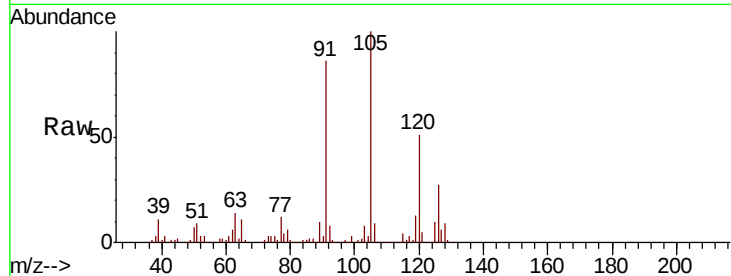




#80
 1,3,5-Trimethylbenzene
 Concen: 48.007 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

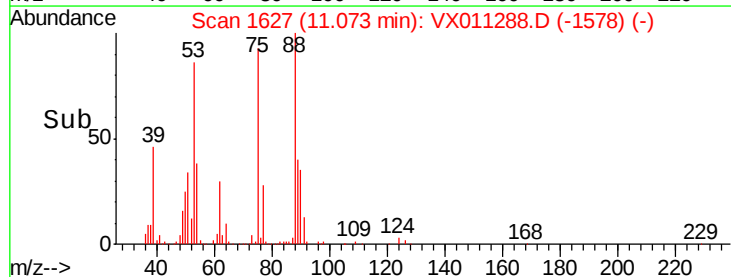
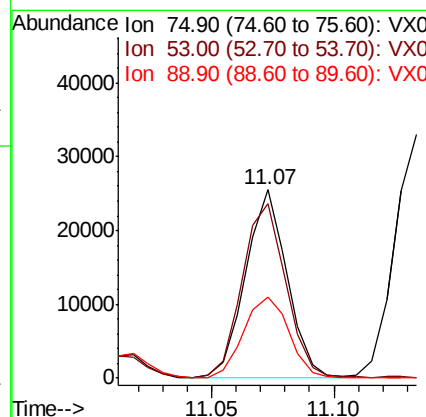
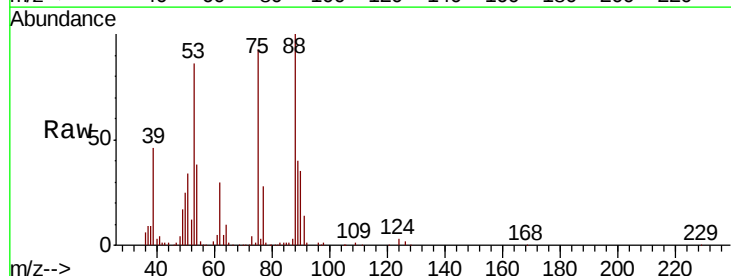
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

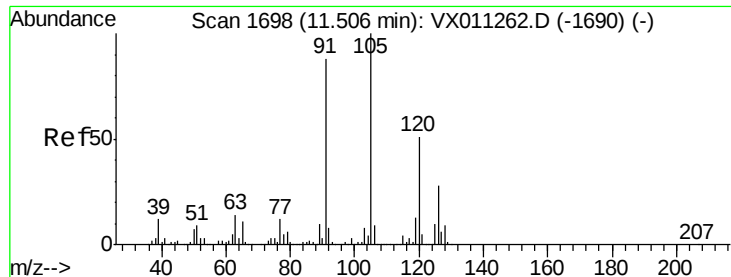
Tot Ion:105 Resp: 300670
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.045 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion: 75 Resp: 29957
 Ion Ratio Lower Upper
 75 100
 53 97.1 78.2 117.4
 89 47.3 37.9 56.9

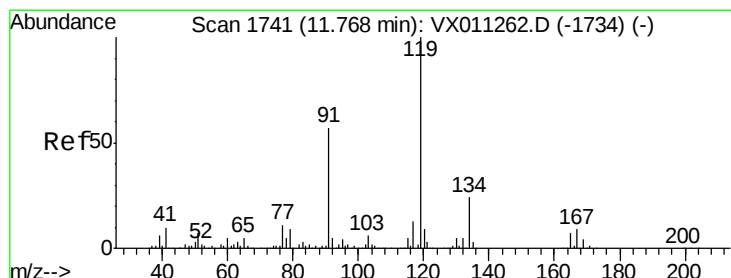
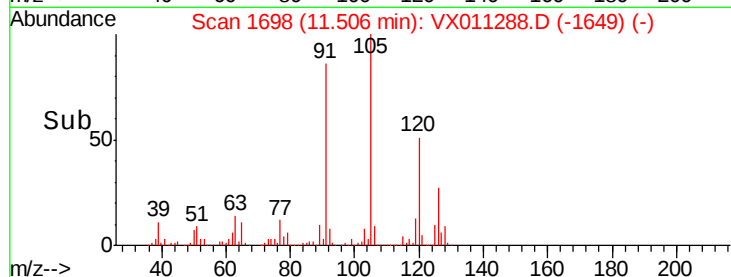
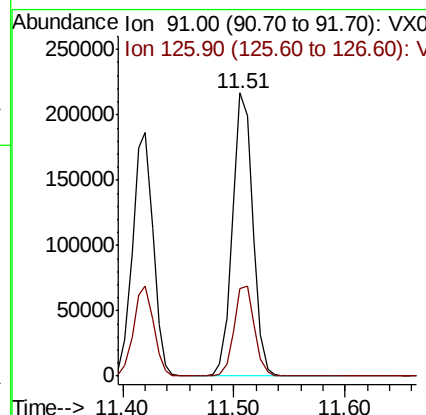
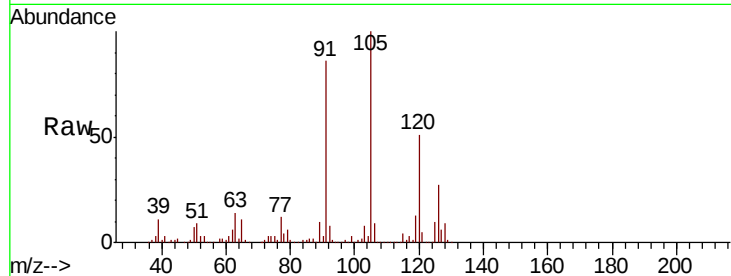




#82
4-Chlorotoluene
Concen: 47.191 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

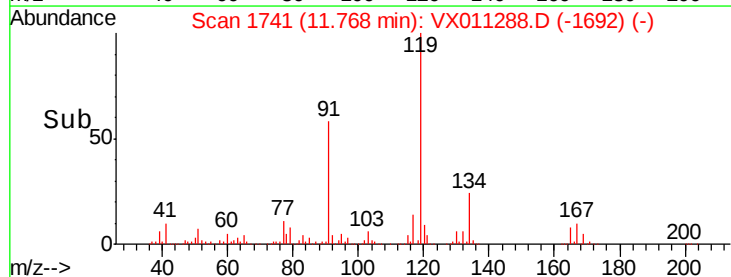
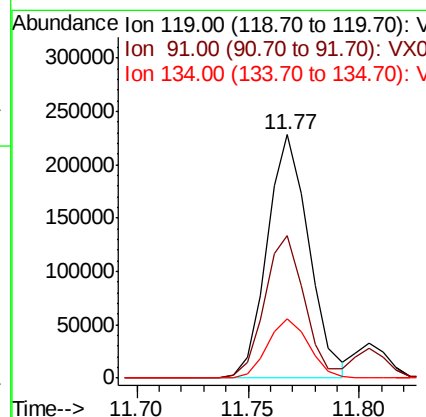
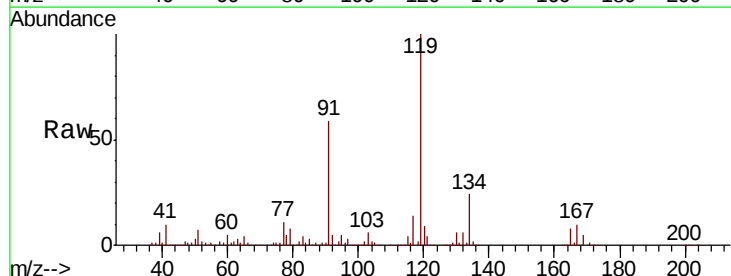
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MSD

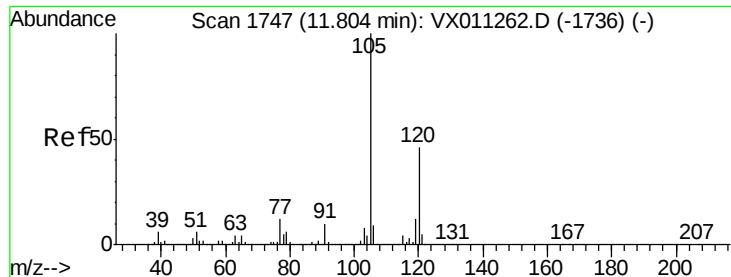
Tot Ion: 91 Resp: 272741
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.2



#83
tert-Butylbenzene
Concen: 48.249 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011288.D
Acq: 02 Aug 2019 03:07

Tgt Ion: 119 Resp: 296380
Ion Ratio Lower Upper
119 100
91 56.5 28.0 84.0
134 24.0 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 48.340 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

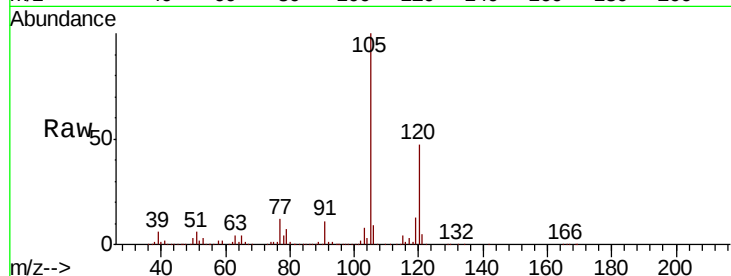
SA-MW127I-20190730MSD

Tot Ion:105 Resp: 301435

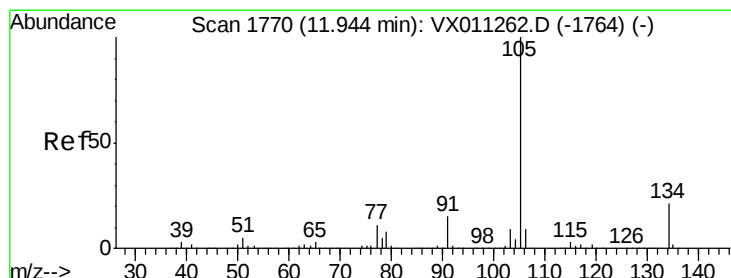
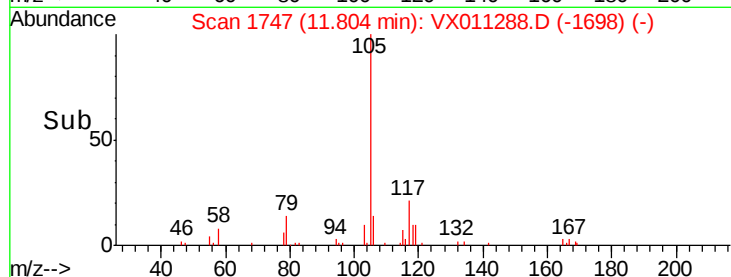
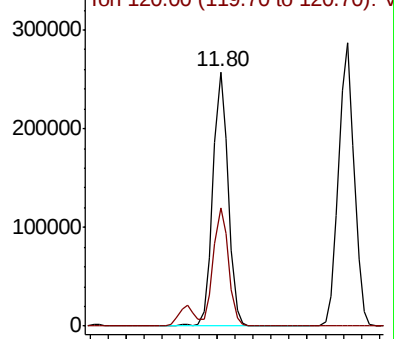
Ion Ratio Lower Upper

105 100

120 46.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V



#85

sec-Butylbenzene

Concen: 46.672 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011288.D

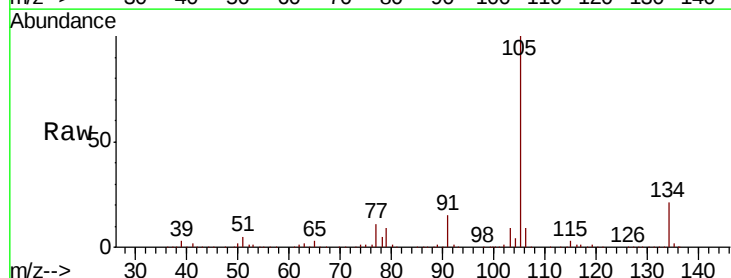
Acq: 02 Aug 2019 03:07

Tgt Ion:105 Resp: 344447

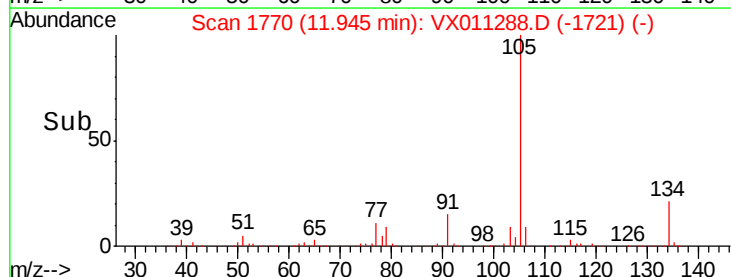
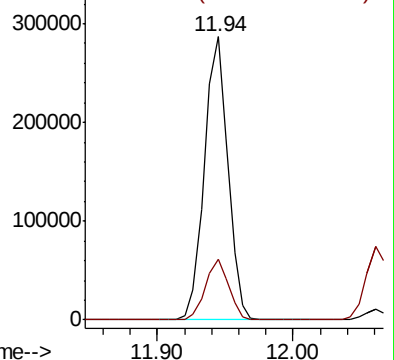
Ion Ratio Lower Upper

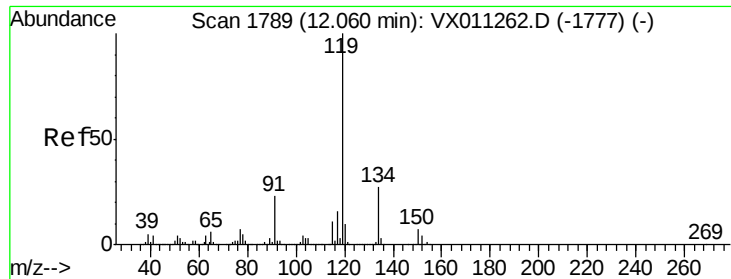
105 100

134 21.1 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

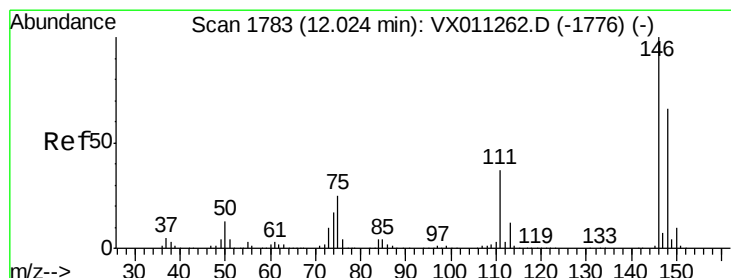
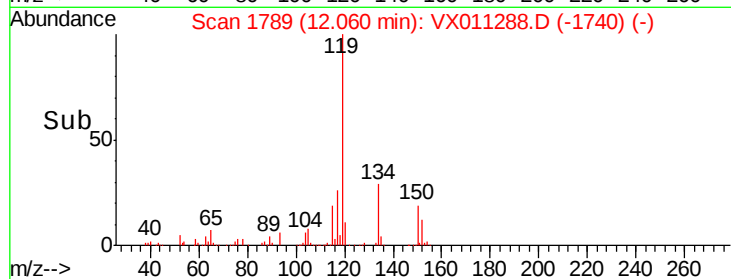
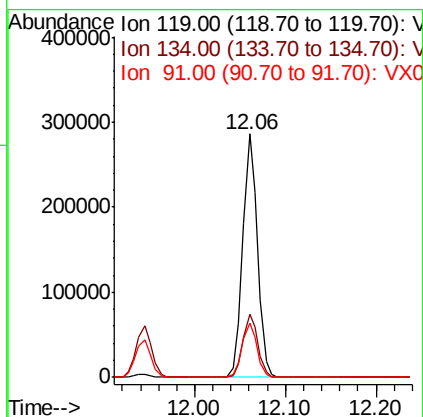
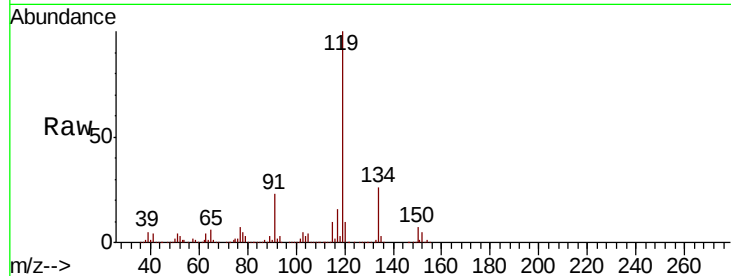




#86
 p-Isopropyltoluene
 Concen: 47.298 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

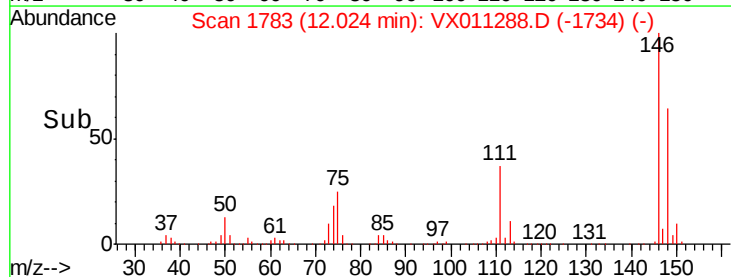
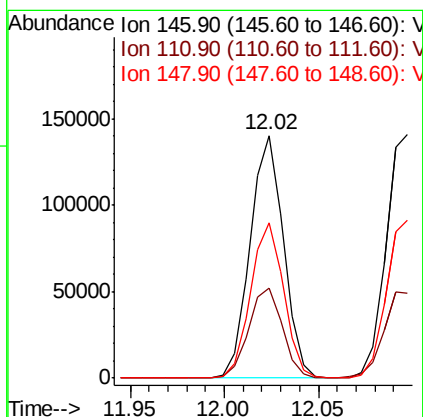
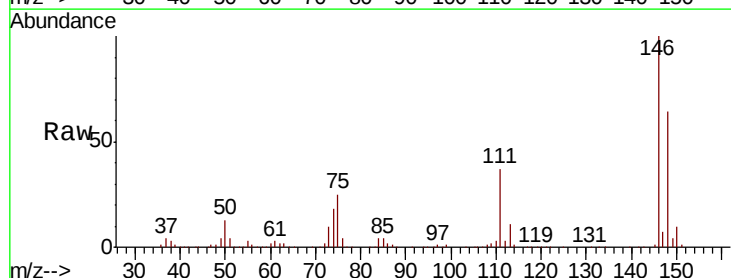
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

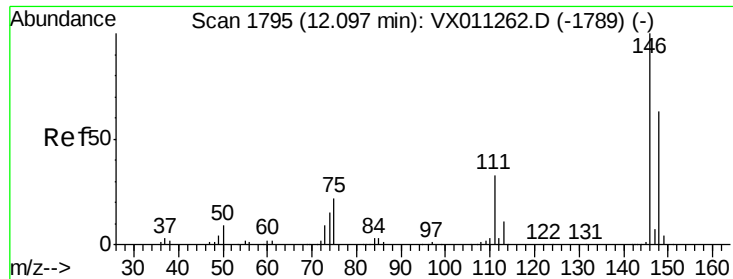
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.7	41.0
91	22.9	11.4	34.2



#87
 1,3-Dichlorobenzene
 Concen: 47.088 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	63.3	32.5	97.5

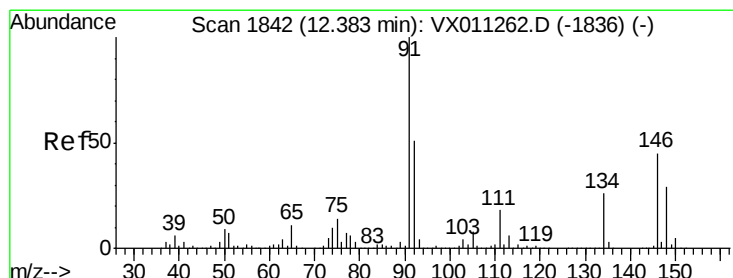
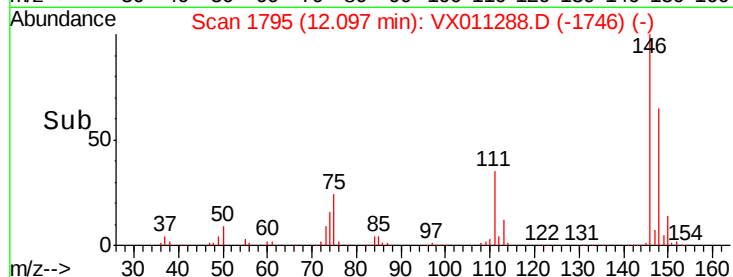
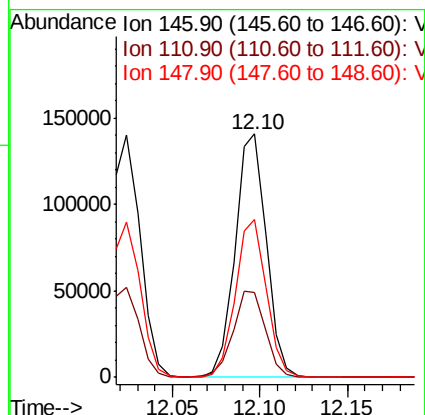
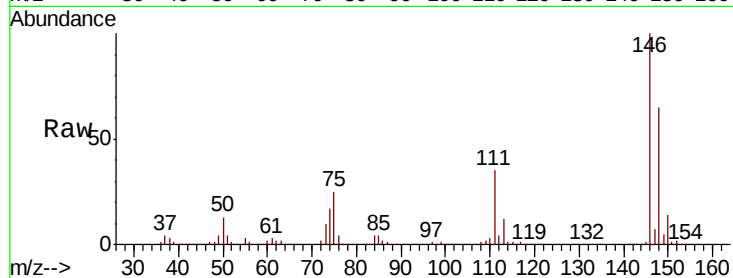




#88
 1,4-Dichlorobenzene
 Concen: 45.992 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

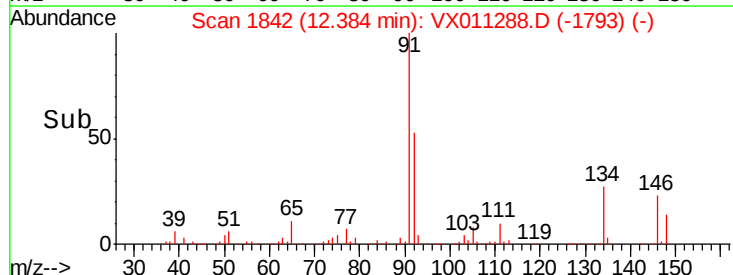
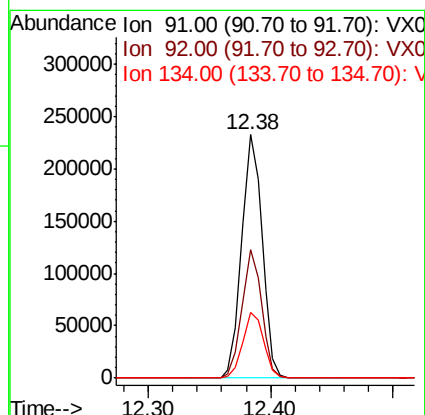
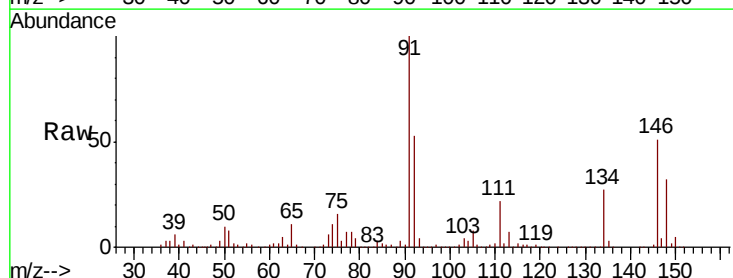
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

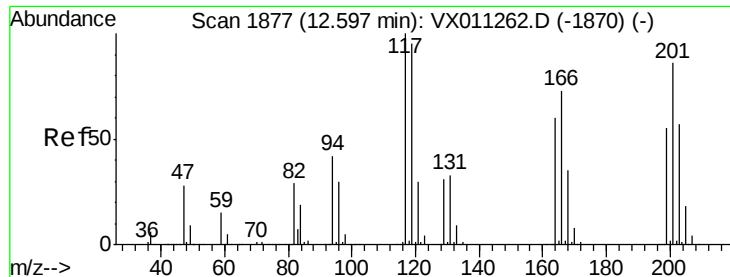
Tot Ion:146 Resp: 173848
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.8 53.4
 148 64.5 31.8 95.3



#89
 n-Butylbenzene
 Concen: 46.005 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Tgt Ion: 91 Resp: 269100
 Ion Ratio Lower Upper
 91 100
 92 50.7 25.8 77.3
 134 27.4 13.7 41.0





#90

Hexachloroethane

Concen: 49.362 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

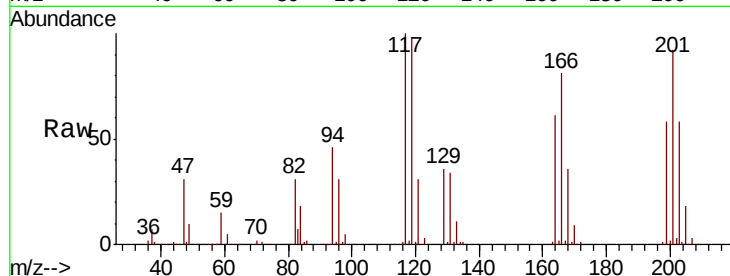
SA-MW127I-20190730MSD

Tot Ion:117 Resp: 49549

Ion Ratio Lower Upper

117 100

201 86.6 41.8 125.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.60

40000

30000

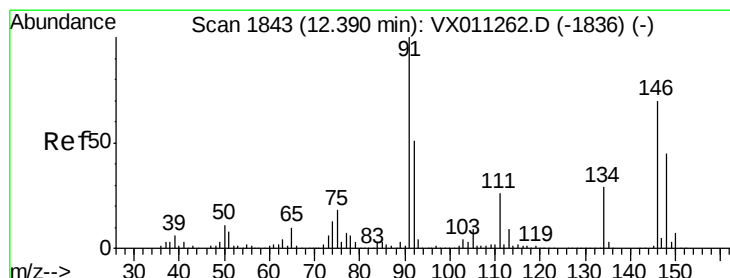
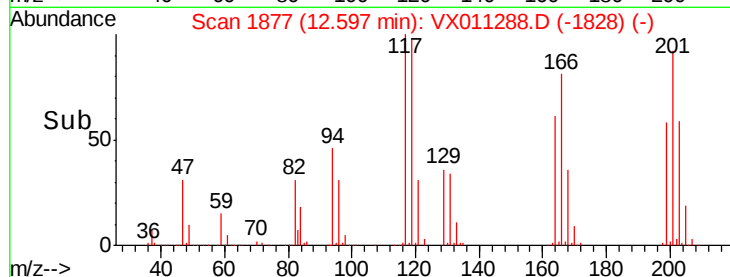
20000

10000

0

Time-->

12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 47.466 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

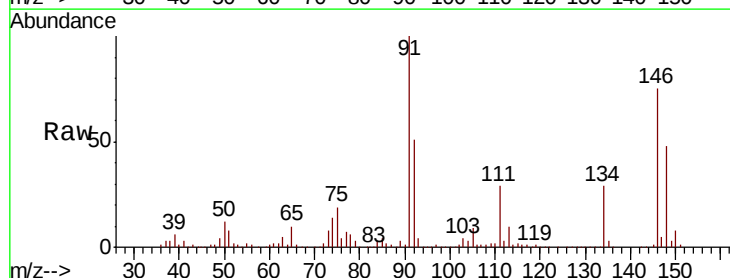
Tgt Ion:146 Resp: 174828

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.1

148 63.5 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

200000

150000

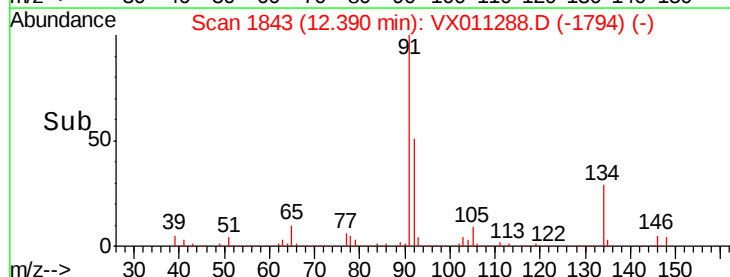
100000

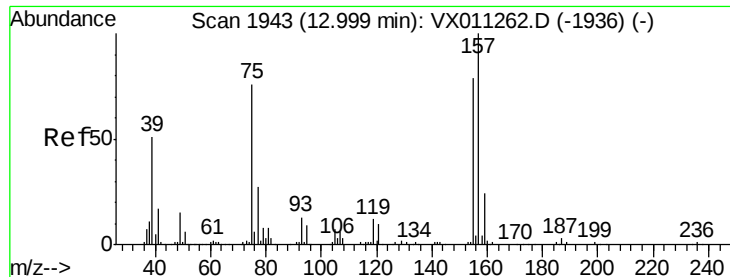
50000

0

Time-->

12.30 12.40 12.50





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.869 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

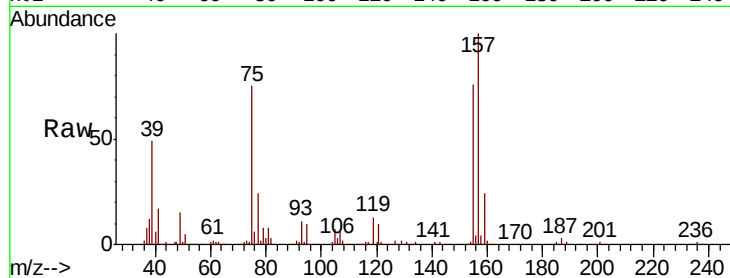
Tot Ion: 75 Resp: 24573

Ion	Ratio	Lower	Upper
75	100		
155	99.7	51.9	155.8
157	128.8	64.3	192.7

75 100

155 99.7 51.9 155.8

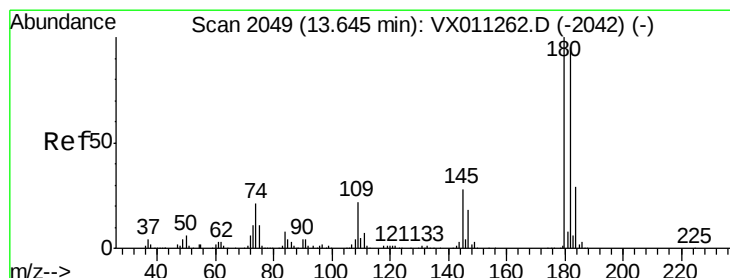
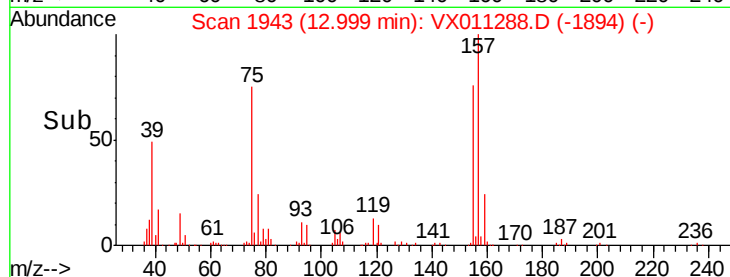
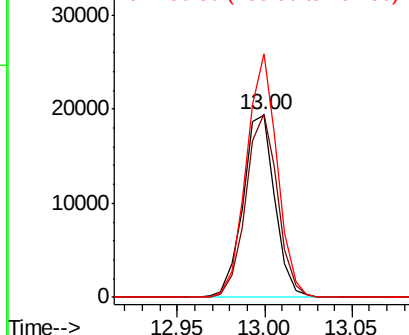
157 128.8 64.3 192.7



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: 45.503 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

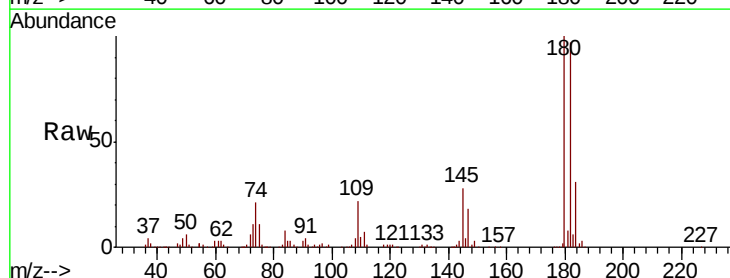
Tgt Ion:180 Resp: 111148

Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.8	143.4
145	28.8	14.8	44.3

180 100

182 97.6 47.8 143.4

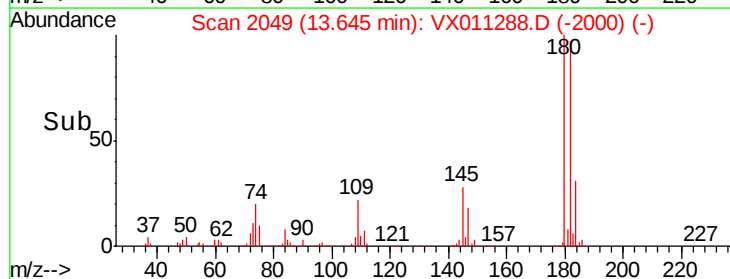
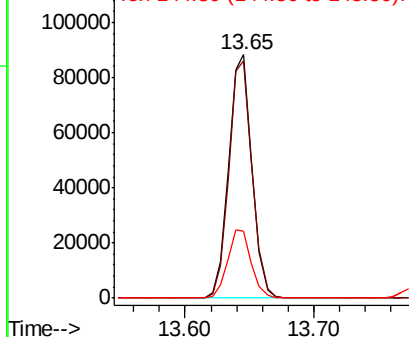
145 28.8 14.8 44.3

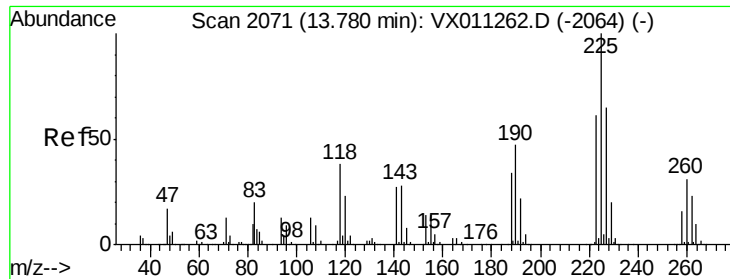


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 43.596 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MSD

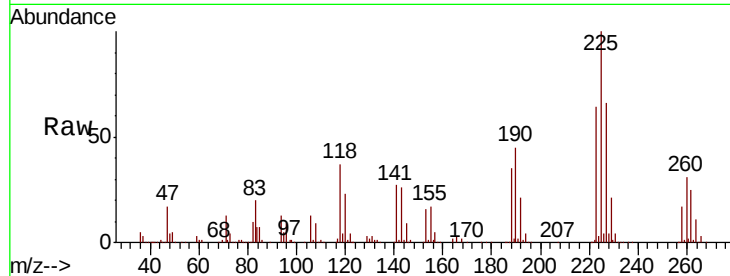
Tot Ion:225 Resp: 54029

Ion Ratio Lower Upper

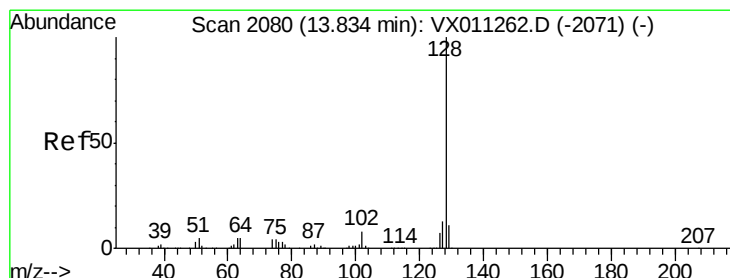
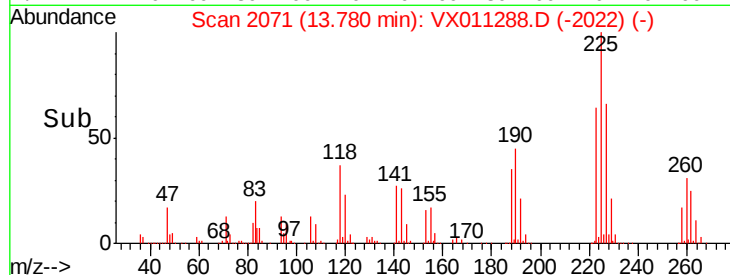
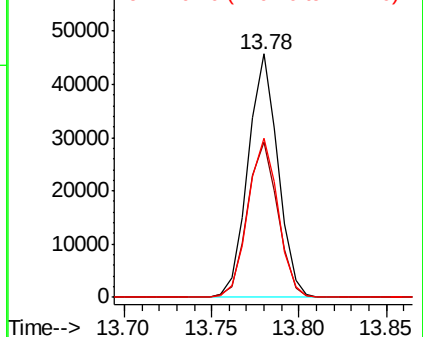
225 100

223 64.9 31.0 93.0

227 66.0 32.2 96.6



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



#95

Naphthalene

Concen: 49.925 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011288.D

Acq: 02 Aug 2019 03:07

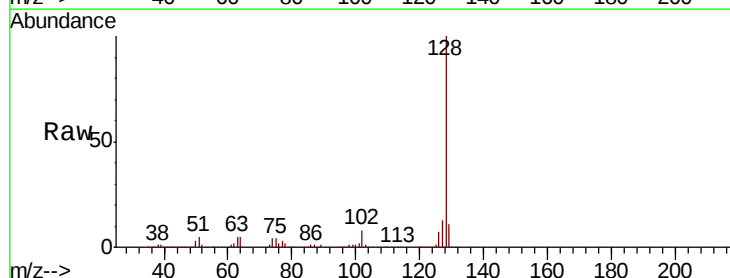
Tgt Ion:128 Resp: 356632

Ion Ratio Lower Upper

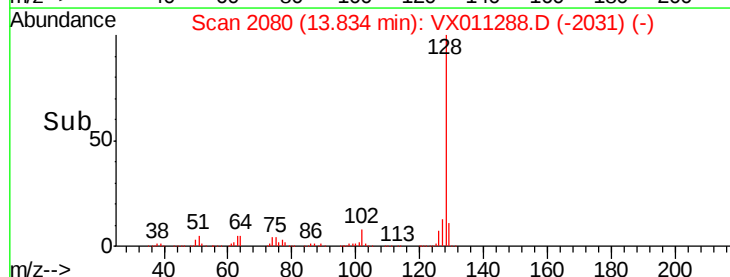
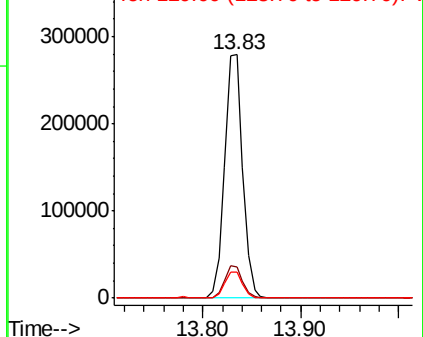
128 100

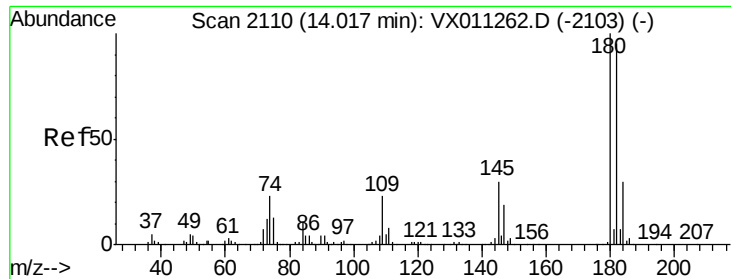
127 13.1 10.4 15.6

129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 46.649 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011288.D
 Acq: 02 Aug 2019 03:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.3
145	30.3	15.2	45.6

