

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011287.D
 Acq On : 02 Aug 2019 02:44
 Operator : JC/SP
 Sample : K4118-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Quant Time: Aug 02 03:53:21 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	144251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	216989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	201911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108177	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	70637	48.63	ug/l	0.00
Spiked Amount						
			Recovery	=	97.26%	
35) Dibromofluoromethane	5.49	113	67230	47.46	ug/l	0.00
Spiked Amount						
			Recovery	=	94.92%	
50) Toluene-d8	8.71	98	253073	47.33	ug/l	0.00
Spiked Amount						
			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.13	95	91719	48.04	ug/l	0.00
Spiked Amount						
			Recovery	=	96.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	51245	45.996	ug/l	100
3) Chloromethane	1.32	50	60184	48.105	ug/l	99
4) Vinyl Chloride	1.40	62	65176	47.359	ug/l	99
5) Bromomethane	1.63	94	45567	46.426	ug/l	99
6) Chloroethane	1.71	64	43972	51.699	ug/l	98
7) Trichlorofluoromethane	1.92	101	117777	48.132	ug/l	98
8) Diethyl Ether	2.18	74	40578	46.441	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60429	45.641	ug/l	99
10) Methyl Iodide	2.50	142	82886	49.655	ug/l	99
11) Tert butyl alcohol	3.04	59	67691	233.679	ug/l	100
12) 1,1-Dichloroethene	2.37	96	61910	47.171	ug/l	95
13) Acrolein	2.29	56	38970	216.417	ug/l	97
14) Allyl chloride	2.72	41	83014	47.445	ug/l	99
15) Acrylonitrile	3.14	53	174663	252.671	ug/l	100
16) Acetone	2.43	43	143843	208.031	ug/l	99
17) Carbon Disulfide	2.56	76	149443	48.522	ug/l	100
18) Methyl Acetate	2.76	43	61719	39.059	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	190678	49.300	ug/l	99
20) Methylene Chloride	2.85	84	70603	46.624	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	66763	48.088	ug/l	97
22) Diisopropyl ether	3.85	45	185827	48.323	ug/l	95
23) Vinyl Acetate	3.81	43	645136	202.270	ug/l	100
24) 1,1-Dichloroethane	3.69	63	108867	48.011	ug/l	98
25) 2-Butanone	4.67	43	233671	237.570	ug/l	97
26) 2,2-Dichloropropane	4.57	77	57769	32.773	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	77163	48.253	ug/l	94
28) Bromochloromethane	5.01	49	50512	48.863	ug/l	99
29) Tetrahydrofuran	5.12	42	150216	249.079	ug/l	99
30) Chloroform	5.21	83	119150	48.347	ug/l	96
31) Cyclohexane	5.57	56	89200	47.681	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	102850	48.717	ug/l	99
36) 1,1-Dichloropropene	5.79	75	84915	44.822	ug/l	97
37) Ethyl Acetate	4.83	43	72882	38.352	ug/l	99
38) Carbon Tetrachloride	5.78	117	89539	46.977	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95811	42.665	ug/l	97
40) Benzene	6.14	78	269025	47.587	ug/l	99
41) Methacrylonitrile	5.03	41	46771	45.066	ug/l	96
42) 1,2-Dichloroethane	6.19	62	88827	46.465	ug/l	100
43) Isopropyl Acetate	6.44	43	125722	41.380	ug/l	99
44) Trichloroethene	7.21	130	77233	45.134	ug/l	100
45) 1,2-Dichloropropane	7.51	63	67025	45.778	ug/l	96
46) Dibromomethane	7.66	93	50393	47.148	ug/l	97
47) Bromodichloromethane	7.90	83	87132	48.149	ug/l	99
48) Methyl methacrylate	7.76	41	69402	48.539	ug/l	99
49) 1,4-Dioxane	7.74	88	36869	889.443	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	485840	247.783	ug/l	99
52) Toluene	8.78	92	175524	46.959	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	87300	41.911	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	96321	45.566	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	73143	47.593	ug/l	98
56) Ethyl methacrylate	9.18	69	105272	48.068	ug/l	99
57) 1,3-Dichloropropane	9.37	76	114903	47.276	ug/l	100
59) 2-Hexanone	9.49	43	375336	247.139	ug/l	100
60) Dibromochloromethane	9.58	129	76725	48.763	ug/l	100
61) 1,2-Dibromoethane	9.67	107	78341	47.182	ug/l	100
64) Tetrachloroethene	9.34	164	76818	44.800	ug/l	95
65) Chlorobenzene	10.13	112	198548	45.862	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	72783	49.107	ug/l	100
67) Ethyl Benzene	10.25	91	342514	47.241	ug/l	100
68) m/p-Xylenes	10.35	106	266317	94.963	ug/l	99
69) o-Xylene	10.69	106	128870	46.769	ug/l	100
70) Styrene	10.71	104	222579	48.819	ug/l	100
71) Bromoform	10.85	173	57648	43.869	ug/l #	98
73) Isopropylbenzene	11.02	105	345073	46.641	ug/l	99
74) N-amyl acetate	10.90	43	107558	40.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	116354	47.192	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	119721	60.771	ug/l	84
77) Bromobenzene	11.25	156	96186	46.884	ug/l	99
78) n-propylbenzene	11.36	91	386577	46.985	ug/l	100
79) 2-Chlorotoluene	11.42	91	228441	46.583	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	291417	47.053	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28463	39.614	ug/l	99
82) 4-Chlorotoluene	11.51	91	268123	46.914	ug/l	99
83) tert-Butylbenzene	11.77	119	289496	47.659	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	294503	47.760	ug/l	99
85) sec-Butylbenzene	11.94	105	337683	46.271	ug/l	99
86) p-Isopropyltoluene	12.06	119	312165	46.495	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	167597	46.234	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168654	45.120	ug/l	99
89) n-Butylbenzene	12.38	91	264090	45.657	ug/l	99
90) Hexachloroethane	12.59	117	47910	48.267	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	170147	46.715	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23047	48.248	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	109306	45.252	ug/l	99

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QLast Update : Fri Aug 02 01:55:00 2019
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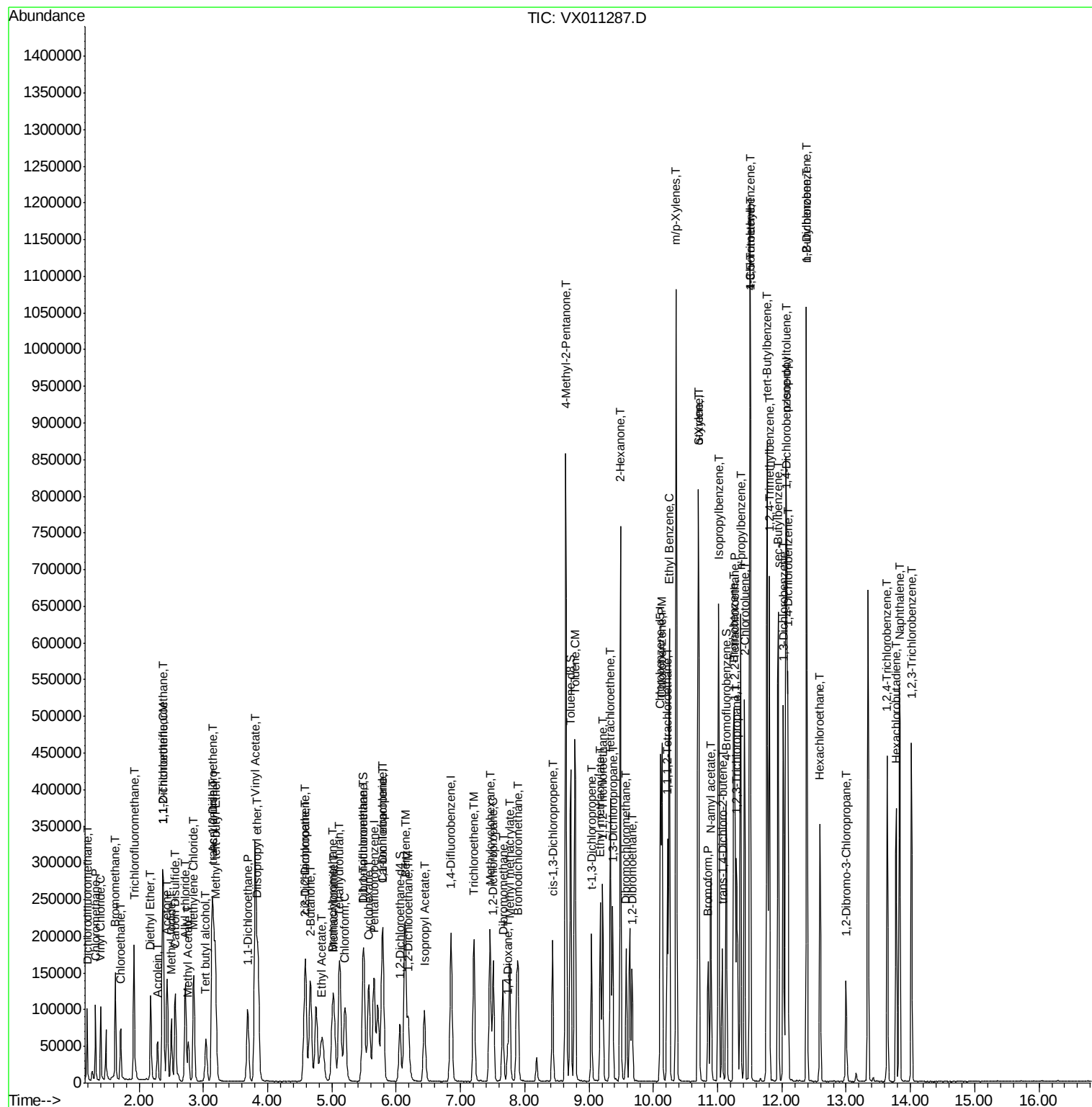
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	53811	43.909	ug/l	98
95) Naphthalene	13.83	128	339660	48.085	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	114255	46.527	ug/l	98

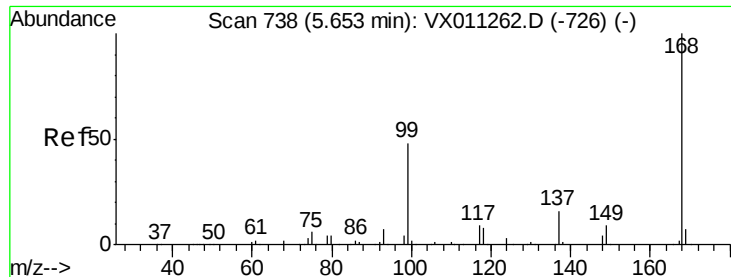
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

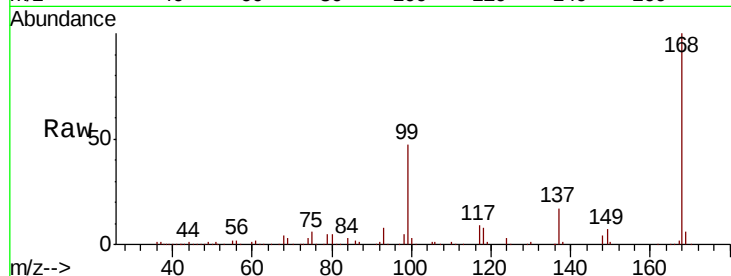
SA-MW127I-20190730MS

Tot Ion:168 Resp: 144251

Ion Ratio Lower Upper

168 100

99 46.8 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

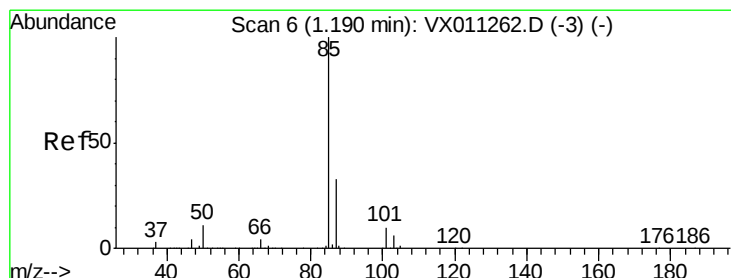
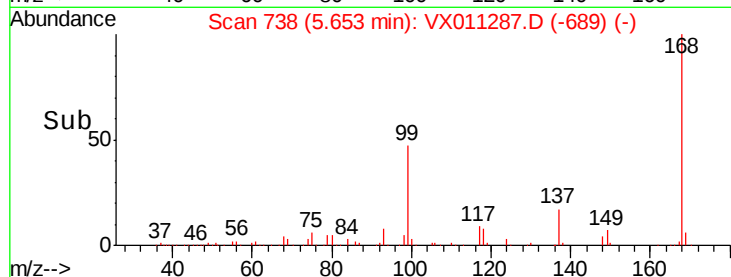
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.996 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011287.D

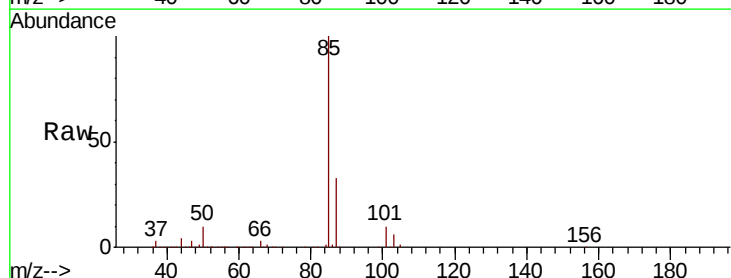
Acq: 02 Aug 2019 02:44

Tgt Ion: 85 Resp: 51245

Ion Ratio Lower Upper

85 100

87 32.7 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

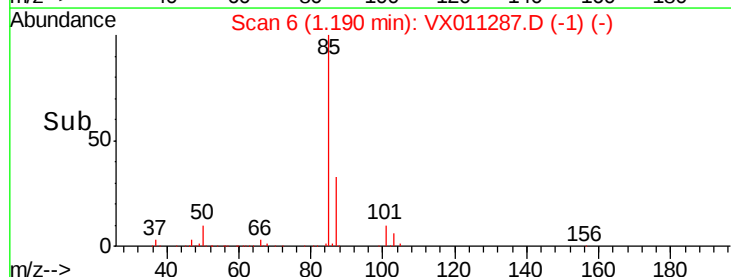
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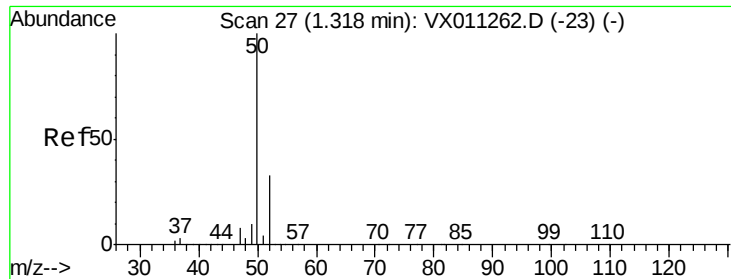
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 48.105 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

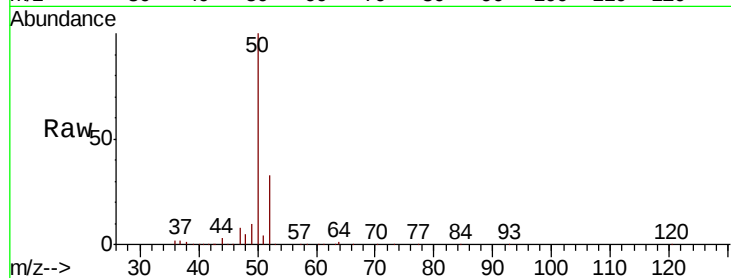
SA-MW127I-20190730MS

Tot Ion: 50 Resp: 60184

Ion Ratio Lower Upper

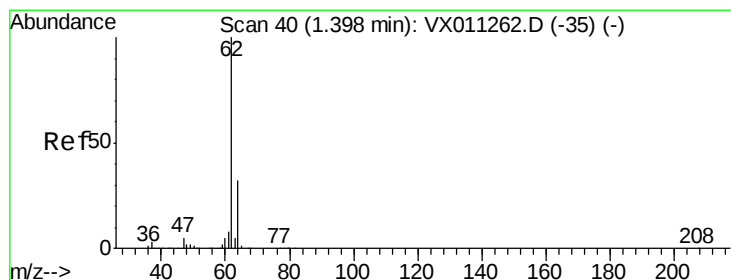
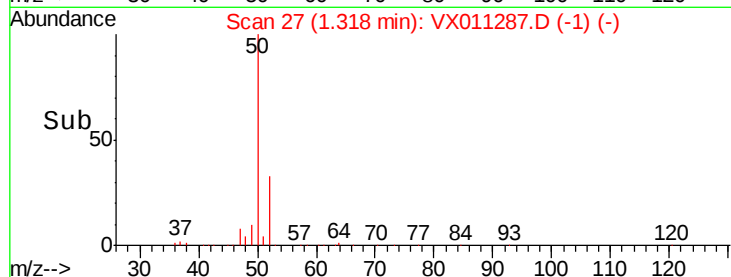
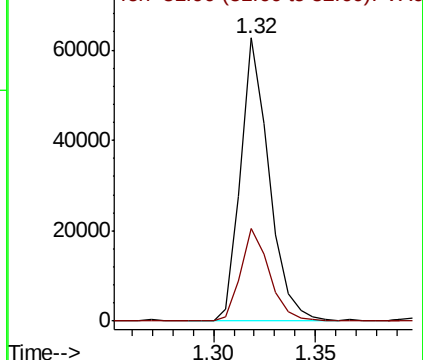
50 100

52 32.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.359 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011287.D

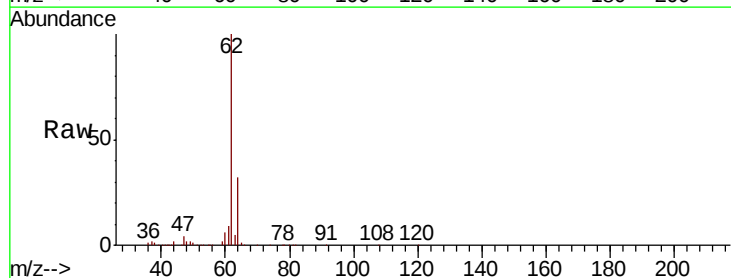
Acq: 02 Aug 2019 02:44

Tgt Ion: 62 Resp: 65176

Ion Ratio Lower Upper

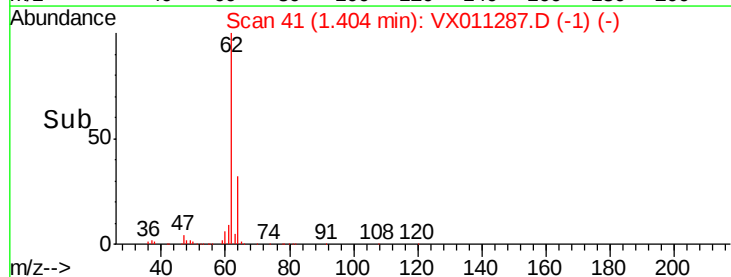
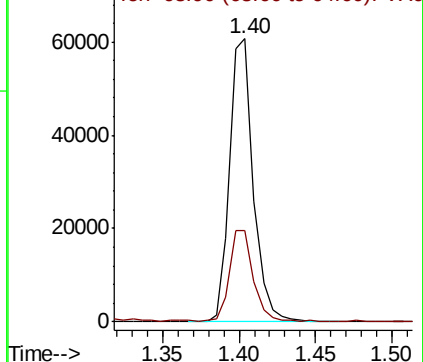
62 100

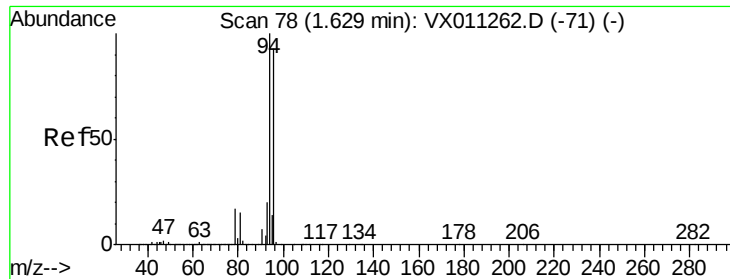
64 32.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.426 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

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ClientSampleId :

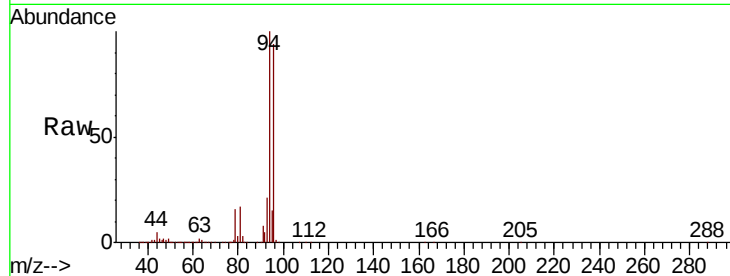
SA-MW127I-20190730MS

Tot Ion: 94 Resp: 45567

Ion Ratio Lower Upper

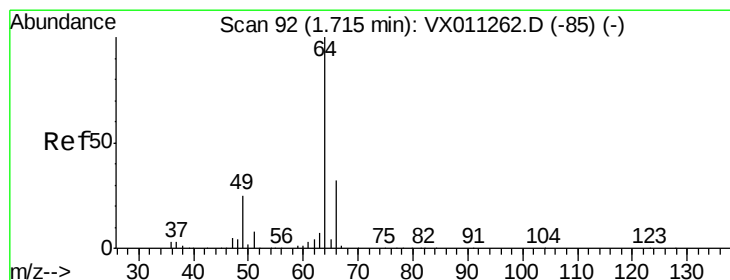
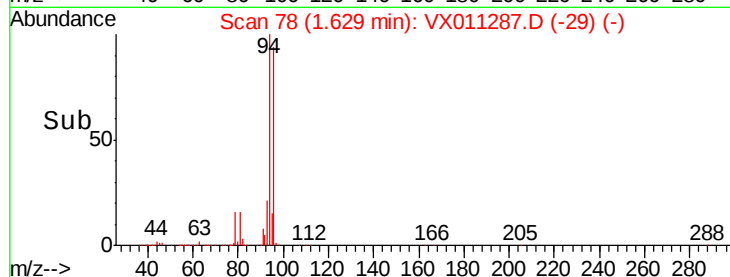
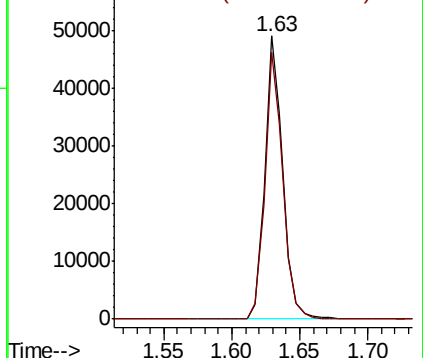
94 100

96 94.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.699 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011287.D

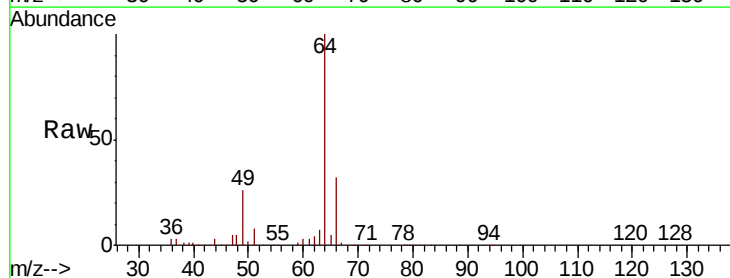
Acq: 02 Aug 2019 02:44

Tgt Ion: 64 Resp: 43972

Ion Ratio Lower Upper

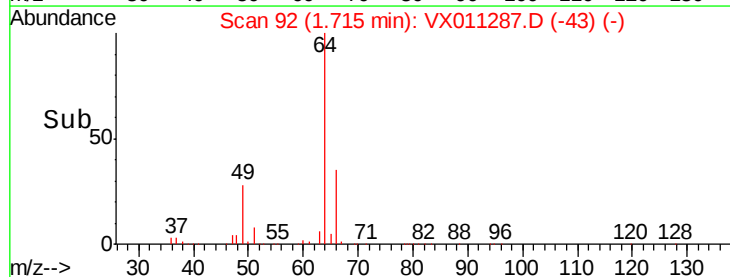
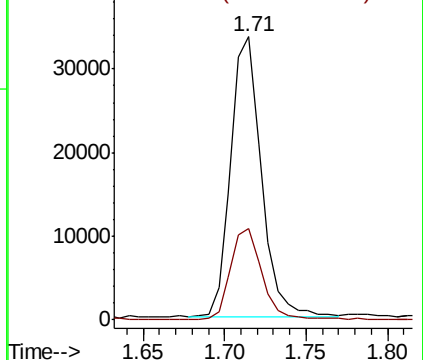
64 100

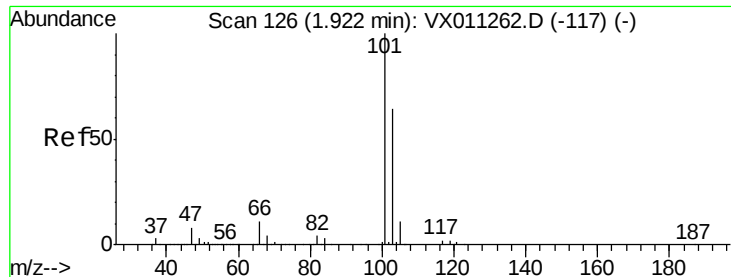
66 32.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



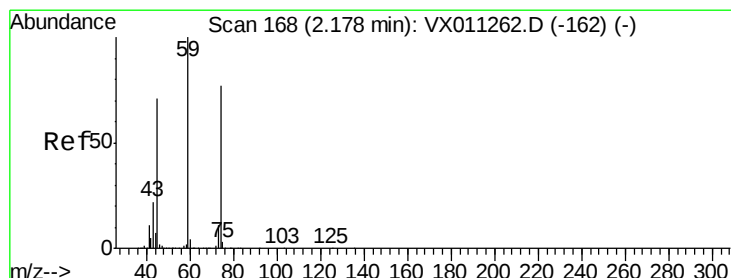
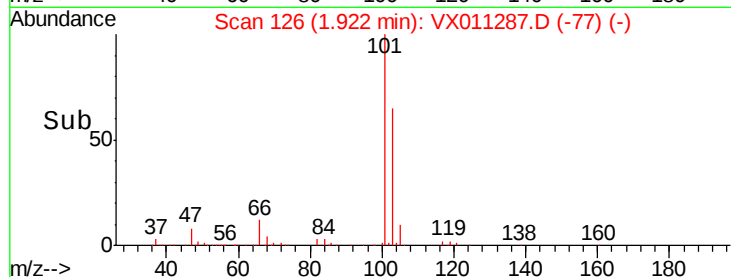
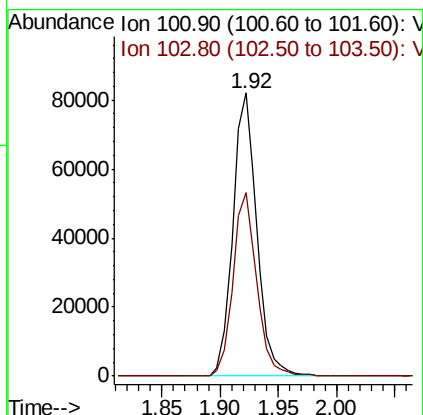
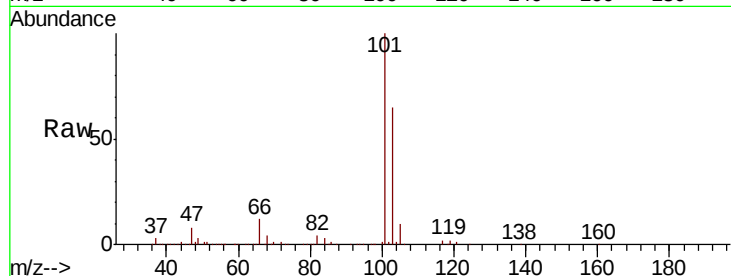


#7

Trichlorofluoromethane
 Concen: 48.132 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

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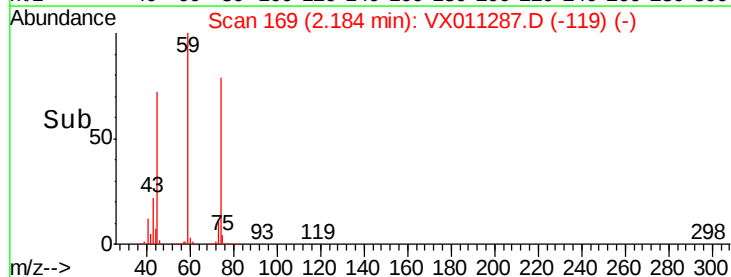
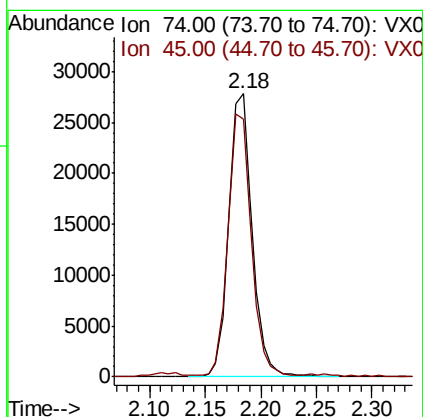
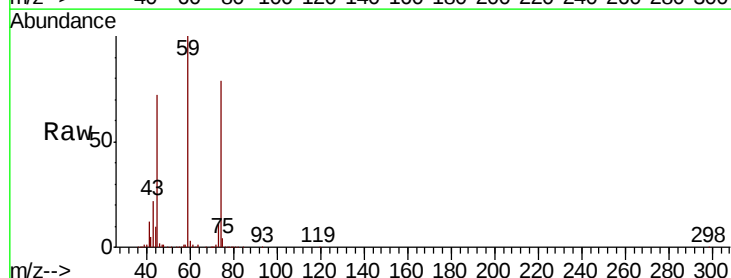
Tot Ion:101 Resp: 117777
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.9 76.3

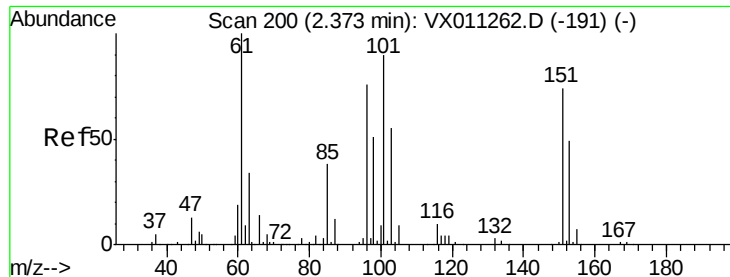


#8

Diethyl Ether
 Concen: 46.441 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion: 74 Resp: 40578
 Ion Ratio Lower Upper
 74 100
 45 91.9 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.641 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011287.D

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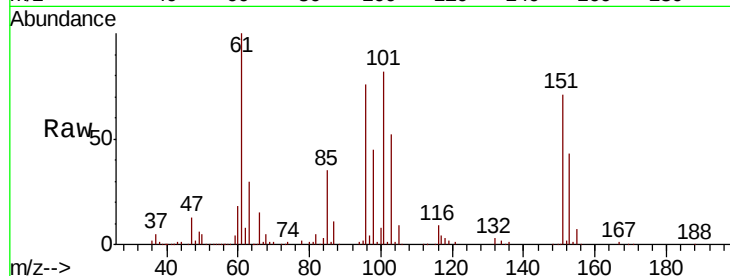
Tot Ion:101 Resp: 60429

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.6

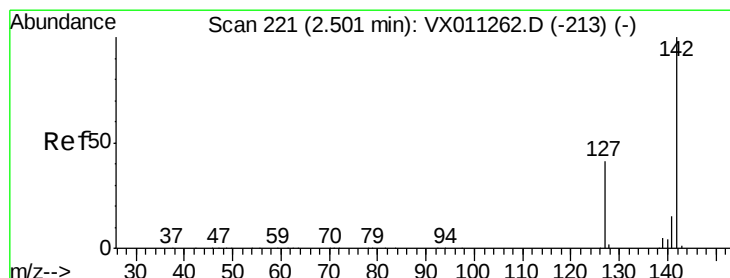
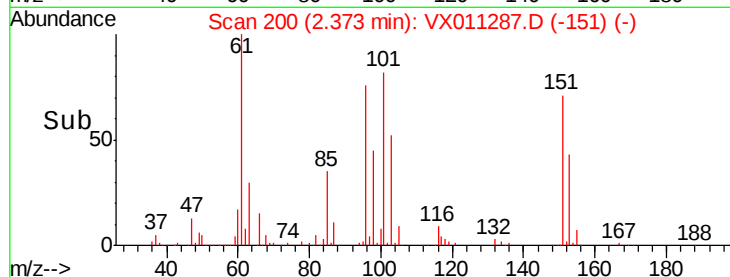
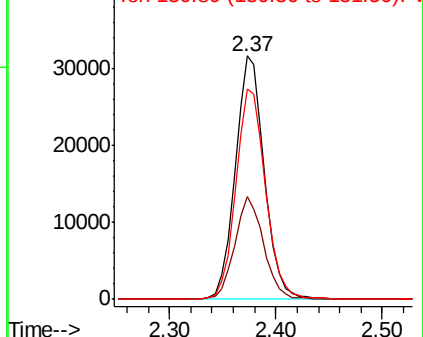
151 88.6 69.5 104.3



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: 49.655 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

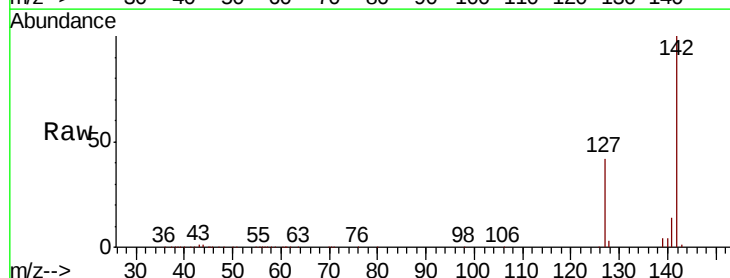
Tgt Ion:142 Resp: 82886

Ion Ratio Lower Upper

142 100

127 41.6 33.8 50.8

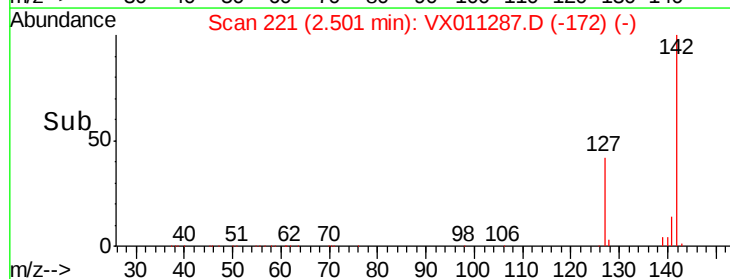
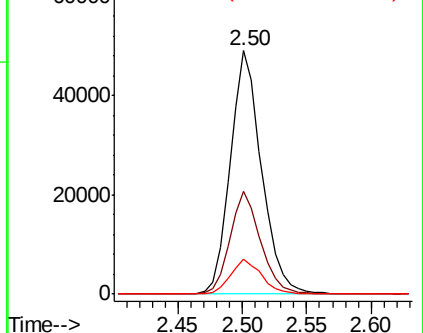
141 14.5 11.4 17.2

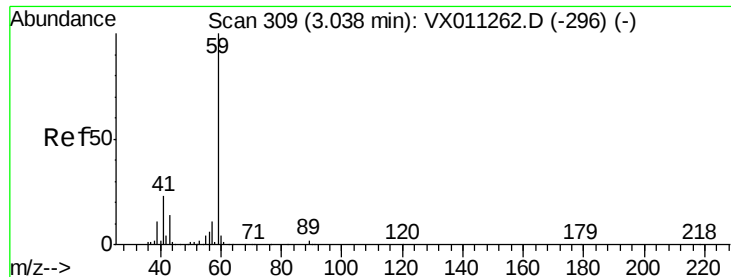


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

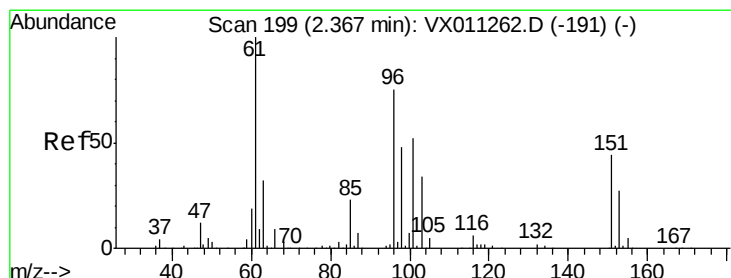
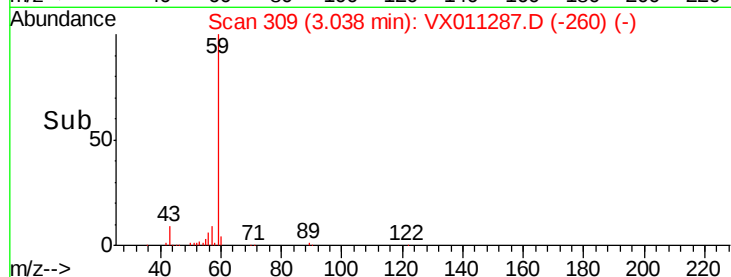
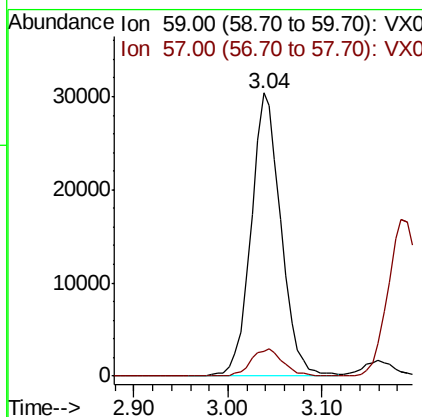
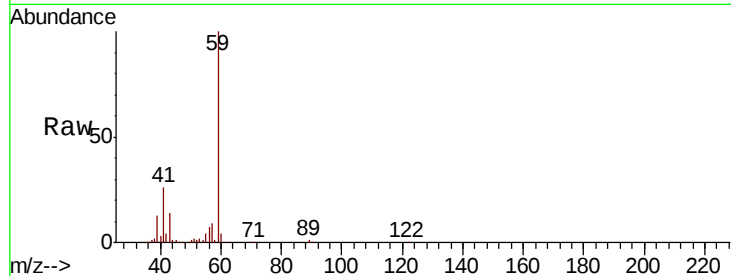




#11
Tert butyl alcohol
Concen: 233.679 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

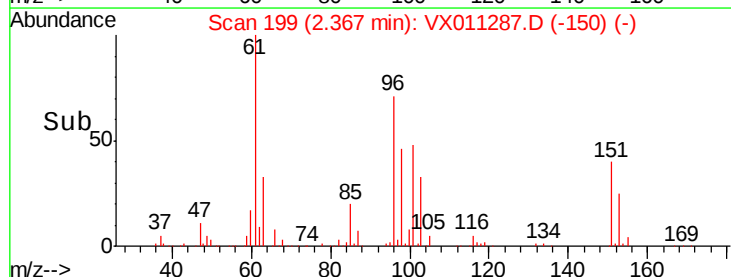
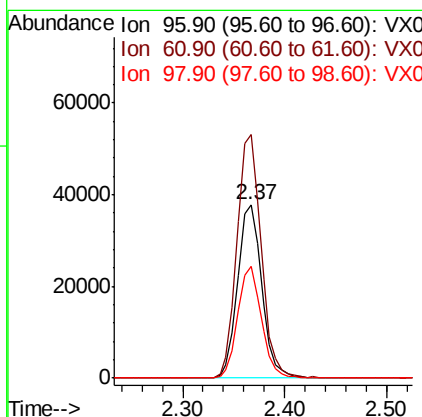
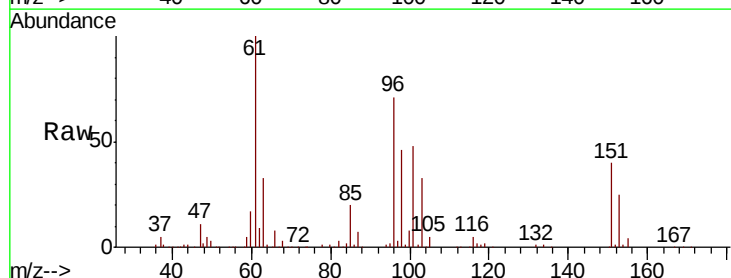
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

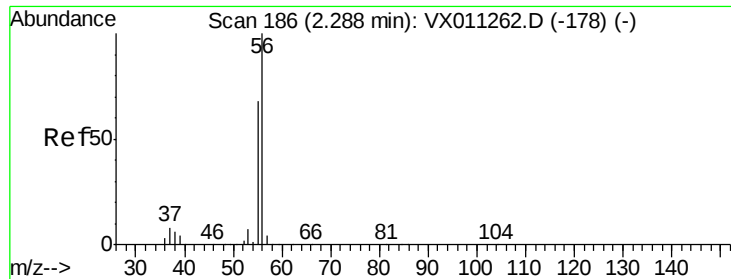
Tot Ion: 59 Resp: 67691
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.171 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion: 96 Resp: 61910
Ion Ratio Lower Upper
96 100
61 140.4 106.2 159.2
98 64.7 50.6 75.8





#13

Acrolein

Concen: 216.417 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

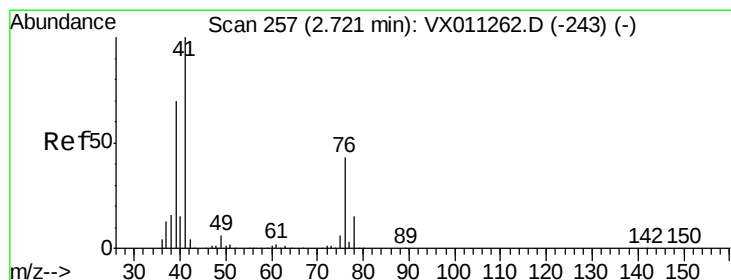
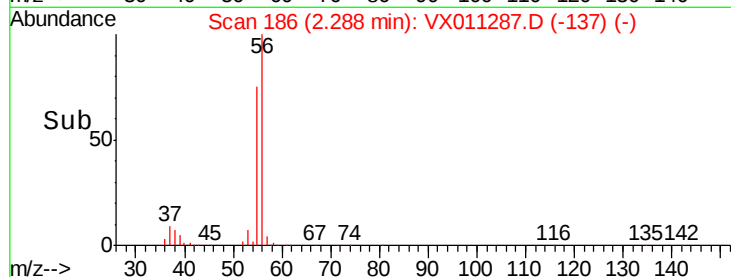
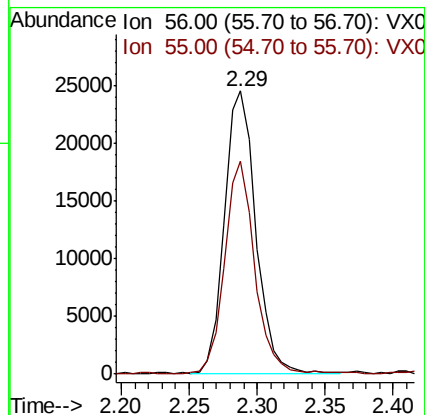
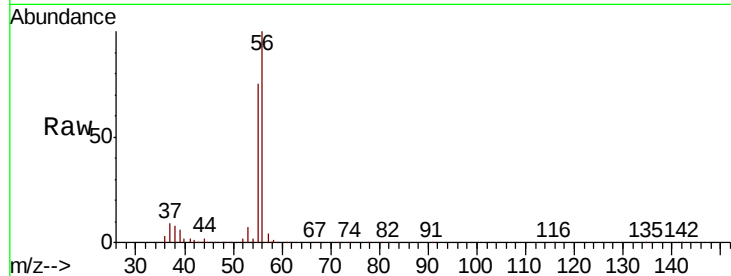
SA-MW127I-20190730MS

Tot Ion: 56 Resp: 38970

Ion Ratio Lower Upper

56 100

55 72.3 56.0 84.0



#14

Allyl chloride

Concen: 47.445 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

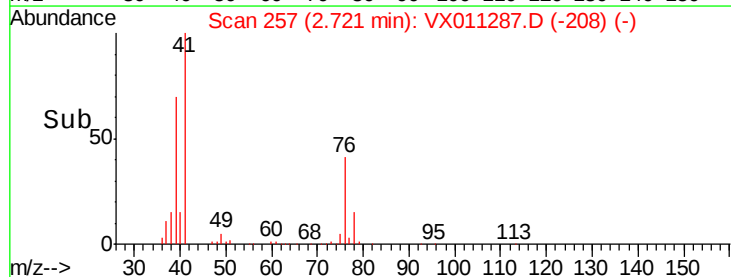
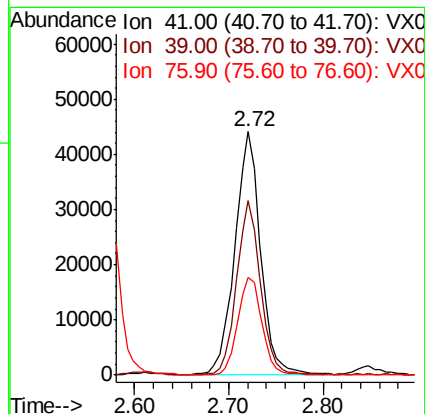
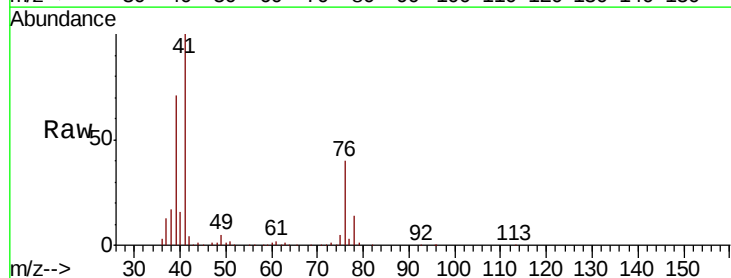
Tgt Ion: 41 Resp: 83014

Ion Ratio Lower Upper

41 100

39 66.2 52.8 79.2

76 38.3 31.1 46.7





#15

Acrylonitrile

Concen: 252.671 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

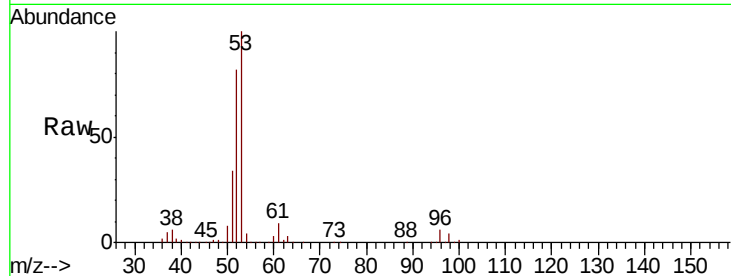
MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 53 Resp: 174663

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	35.1	27.9	41.9

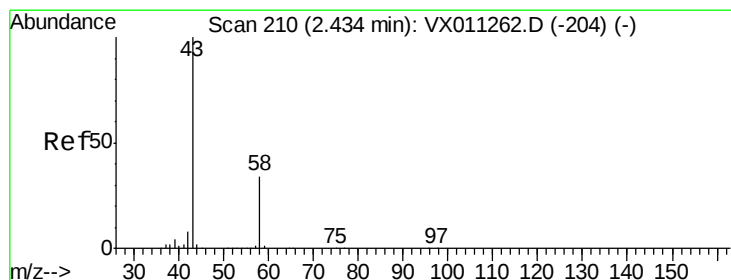
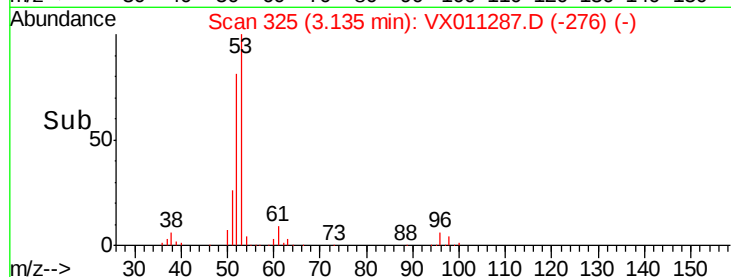
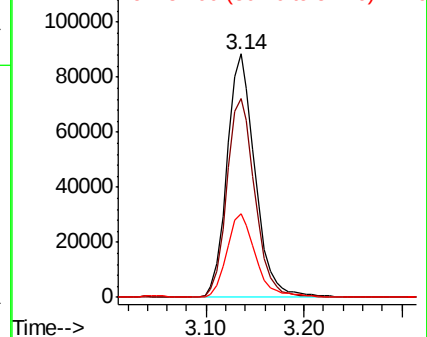


Abundance

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: 208.031 ug/l

RT: 2.43 min Scan# 210

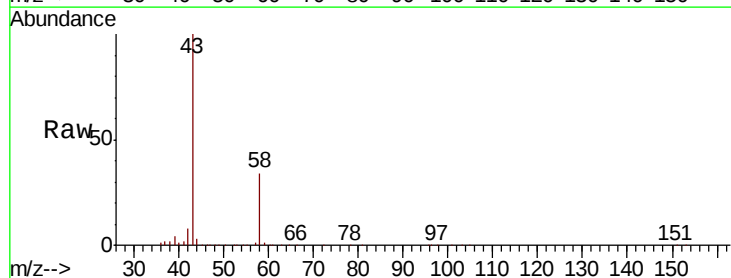
Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Tgt Ion: 43 Resp: 143843

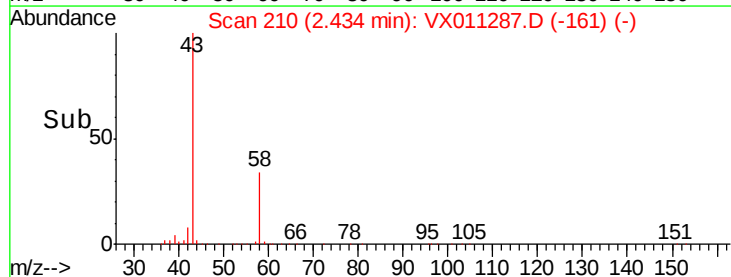
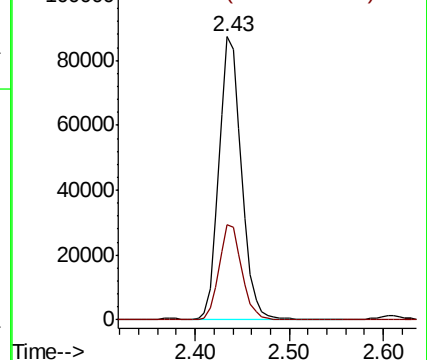
Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.4	41.0

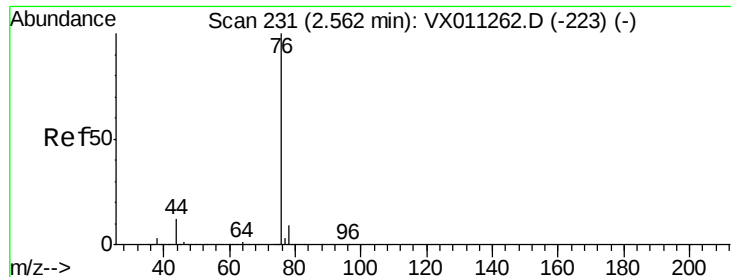


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.522 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

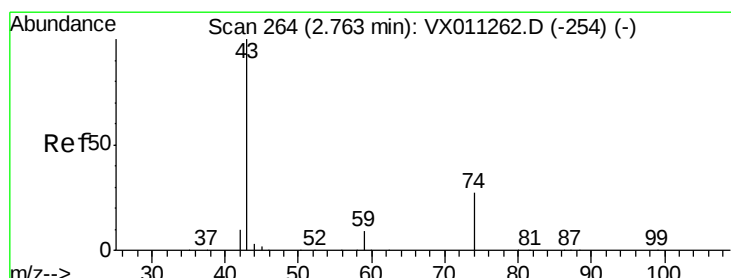
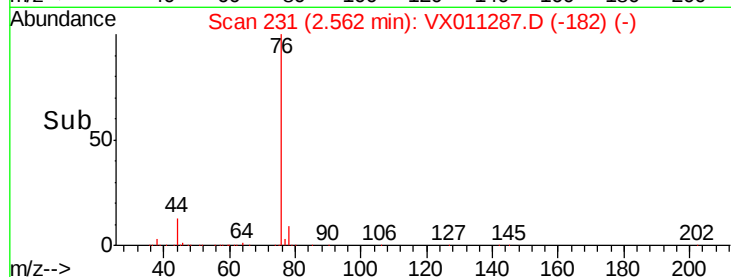
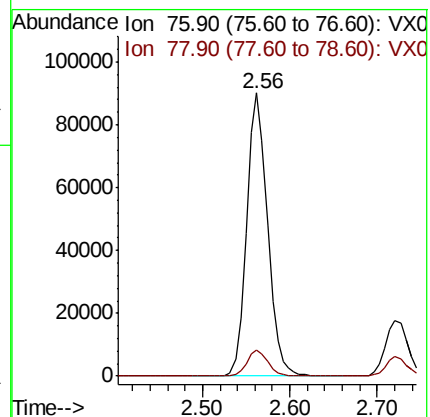
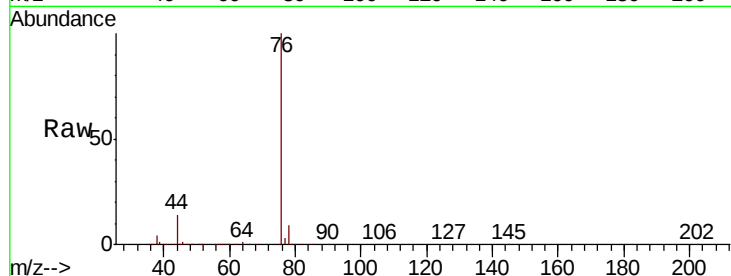
SA-MW127I-20190730MS

Tot Ion: 76 Resp: 149443

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 39.059 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011287.D

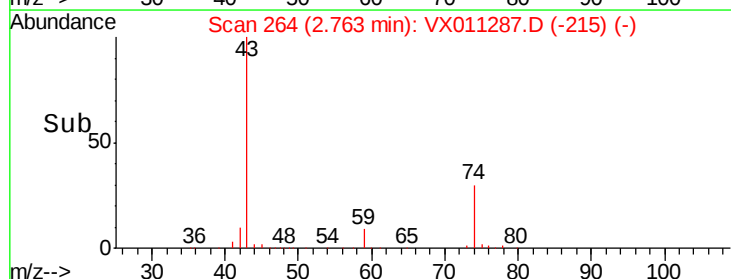
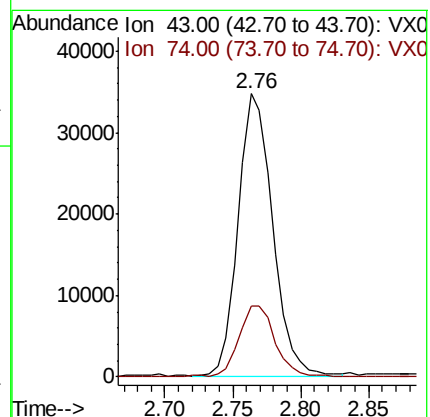
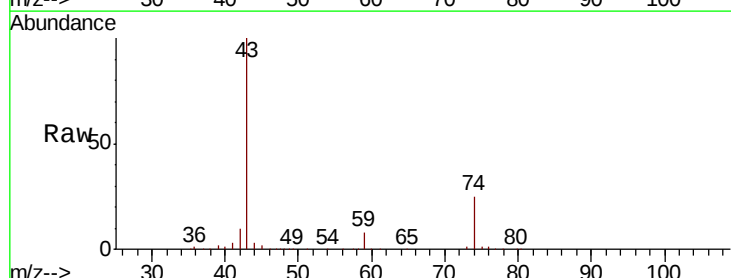
Acq: 02 Aug 2019 02:44

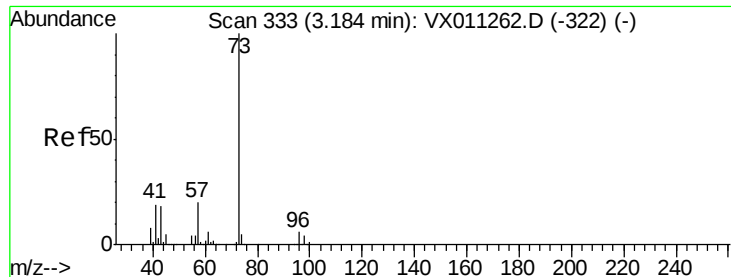
Tgt Ion: 43 Resp: 61719

Ion Ratio Lower Upper

43 100

74 26.7 21.0 31.6



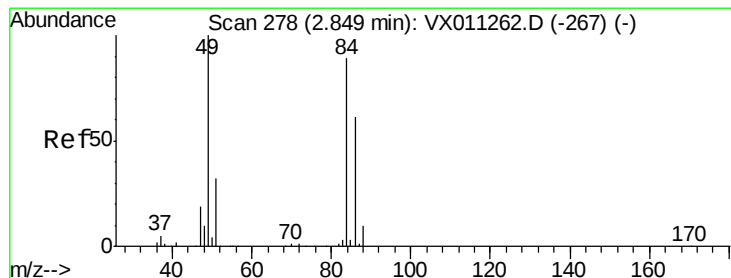
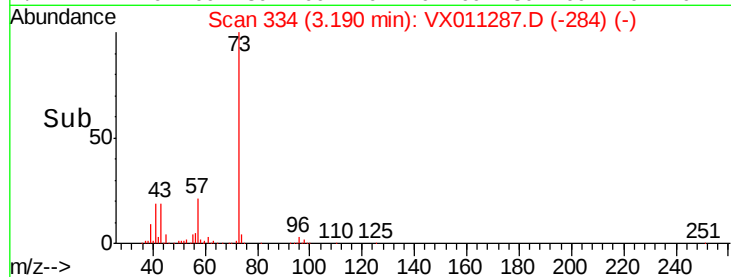
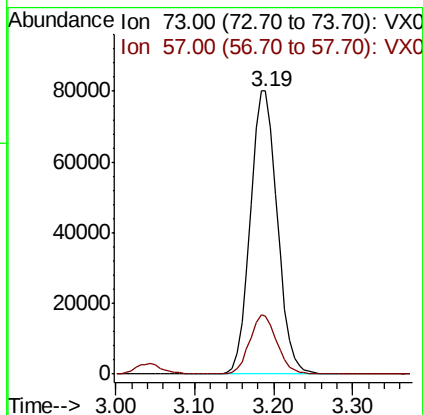
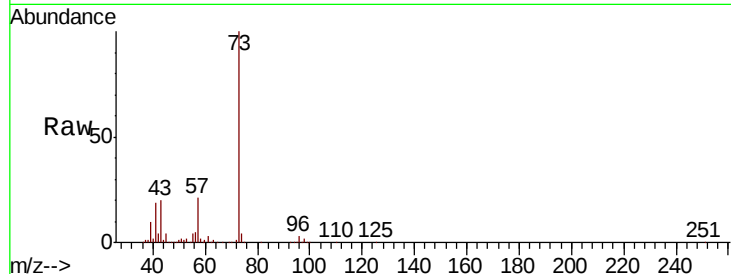


#19

Methyl tert-butyl Ether
 Concen: 49.300 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

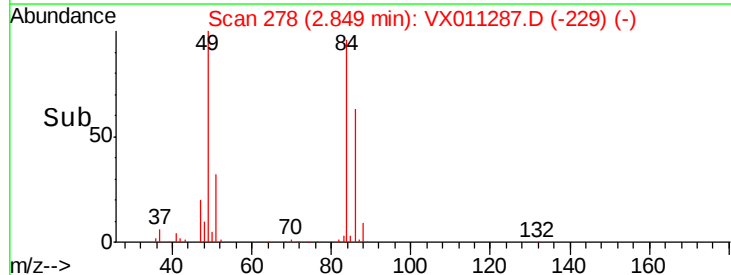
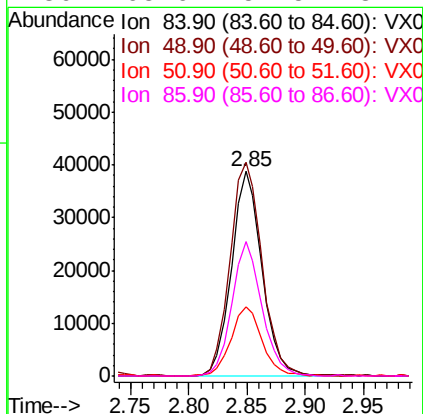
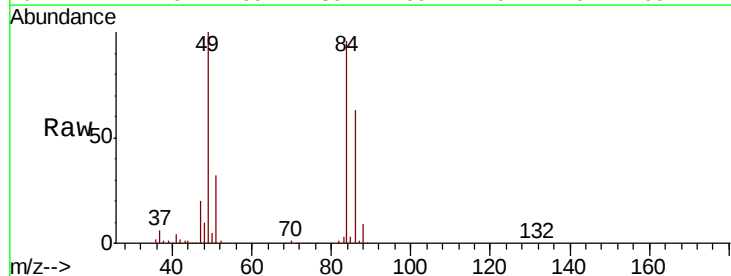
Tot Ion: 73 Resp: 190678
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.2 24.2

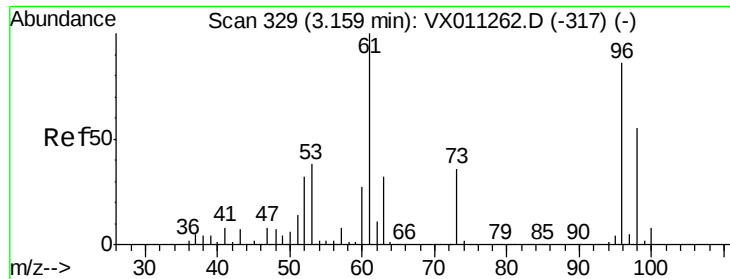


#20

Methylene Chloride
 Concen: 46.624 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion: 84 Resp: 70603
 Ion Ratio Lower Upper
 84 100
 49 104.3 89.3 133.9
 51 33.6 28.3 42.5
 86 65.6 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 48.088 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

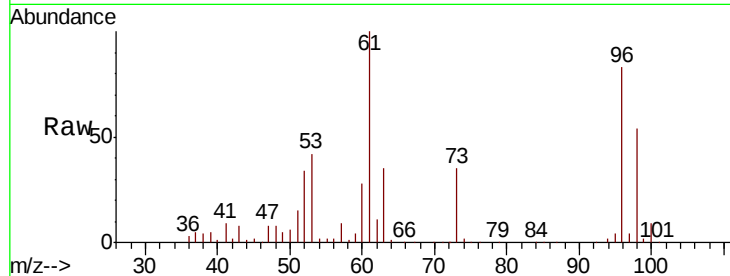
Tot Ion: 96 Resp: 66763

Ion Ratio Lower Upper

96 100

61 120.5 92.8 139.2

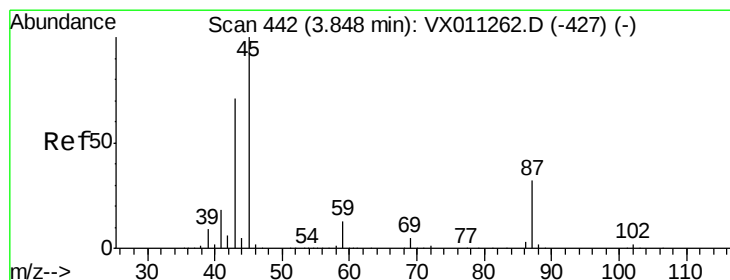
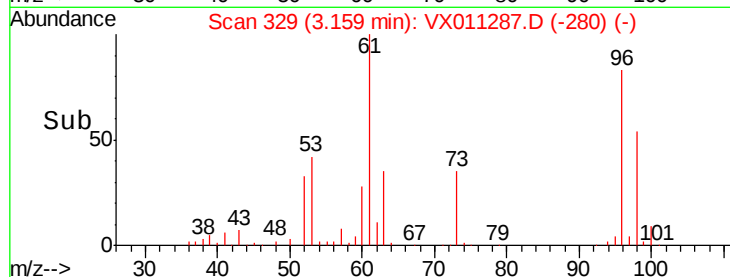
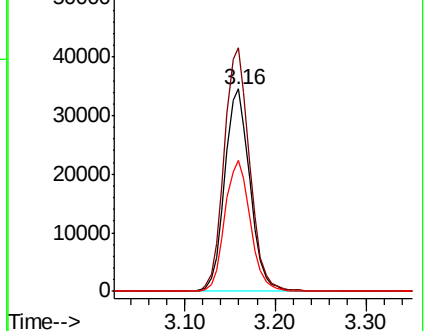
98 65.1 51.2 76.8



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: 48.323 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Tgt Ion: 45 Resp: 185827

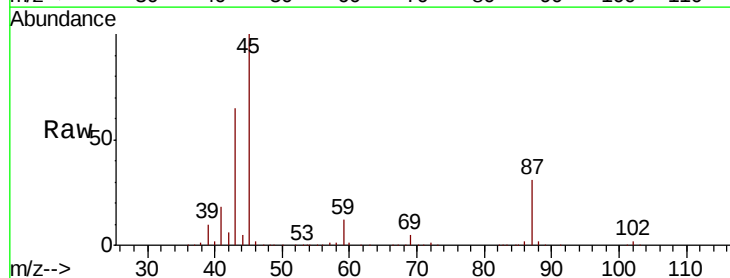
Ion Ratio Lower Upper

45 100

43 65.4 56.8 85.2

87 31.3 25.8 38.6

59 11.6 10.3 15.5

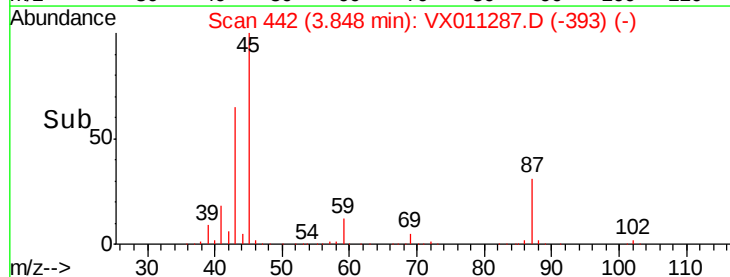
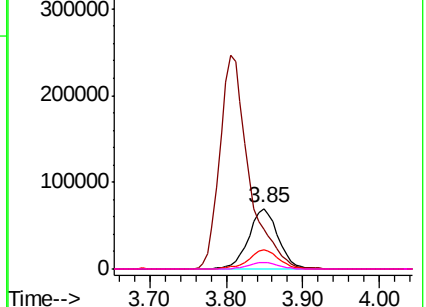


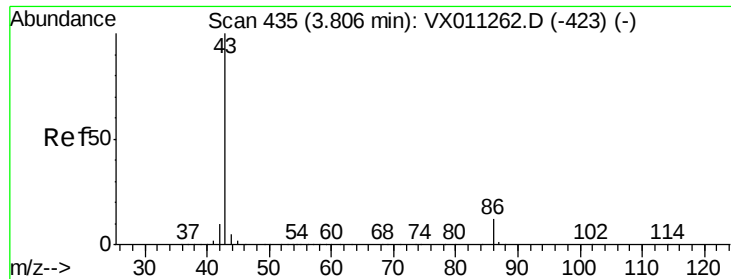
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

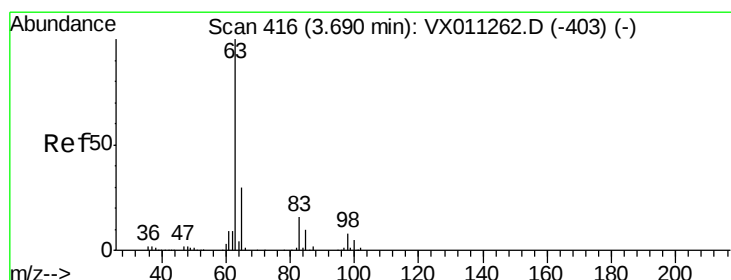
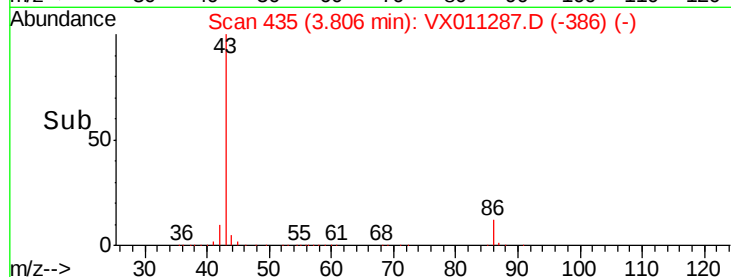
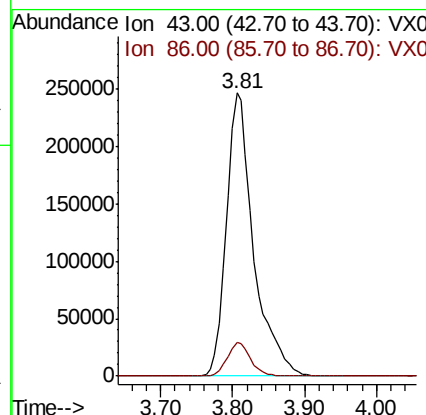
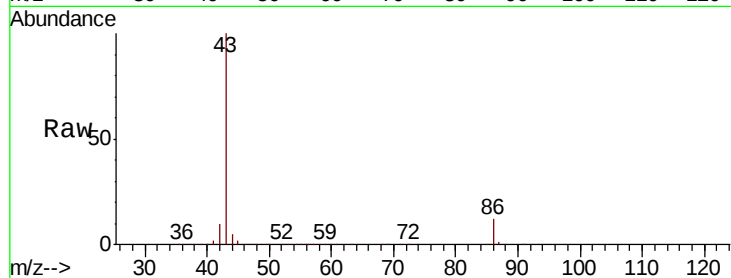




#23
 Vinyl Acetate
 Concen: 202.270 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

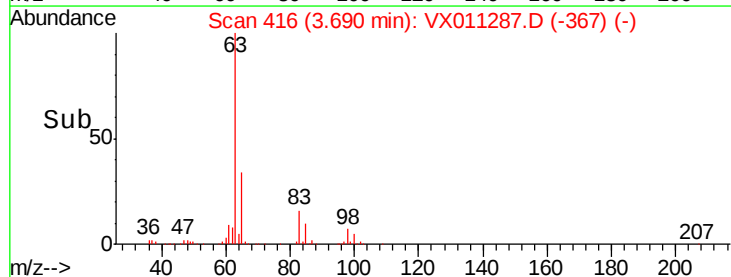
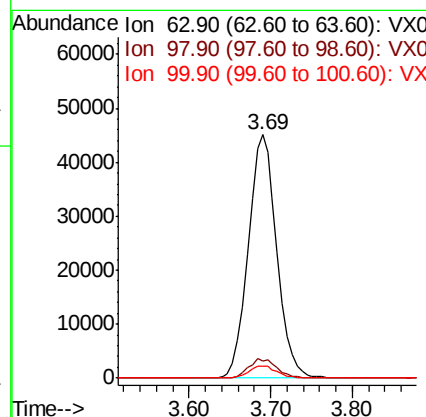
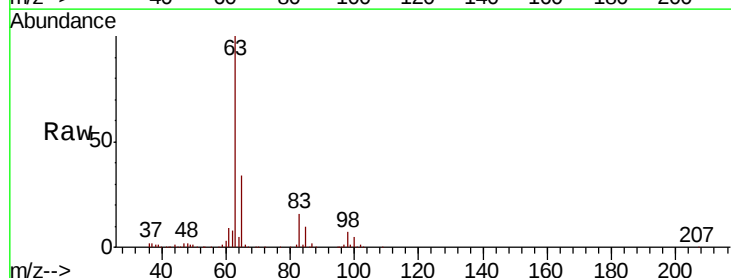
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

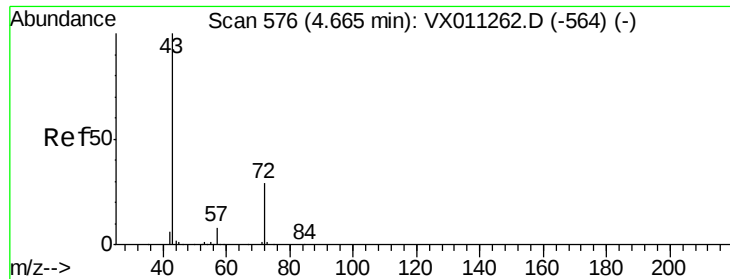
Tot Ion: 43 Resp: 645136
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 48.011 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion: 63 Resp: 108867
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 4.6 2.7 8.1





#25

2-Butanone

Concen: 237.570 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

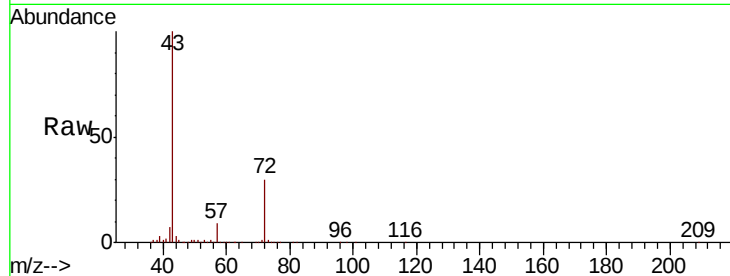
SA-MW127I-20190730MS

Tot Ion: 43 Resp: 233671

Ion Ratio Lower Upper

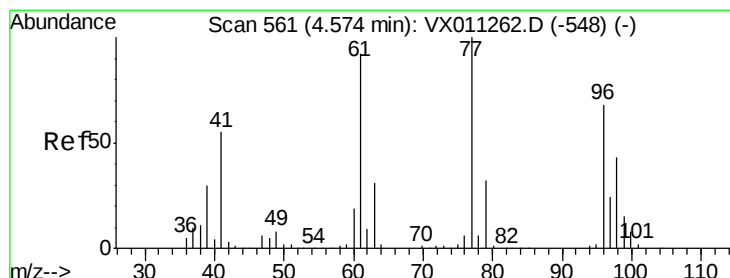
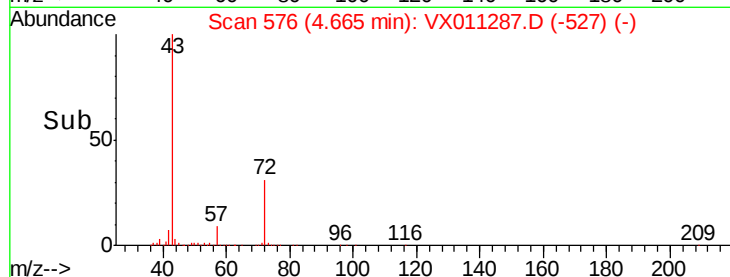
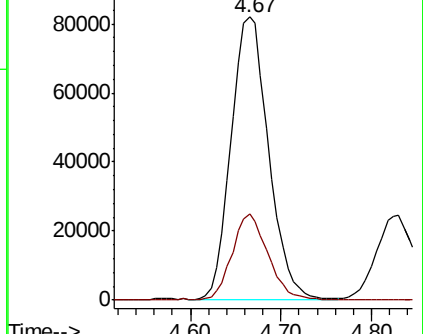
43 100

72 30.4 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 32.773 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011287.D

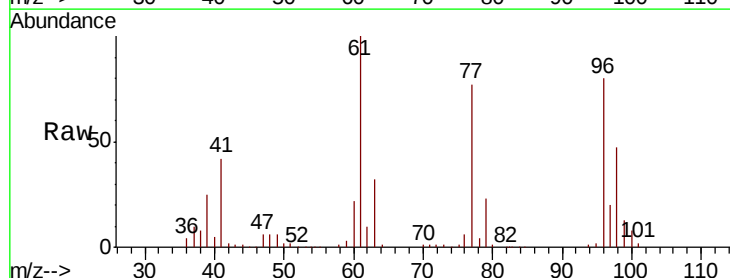
Acq: 02 Aug 2019 02:44

Tgt Ion: 77 Resp: 57769

Ion Ratio Lower Upper

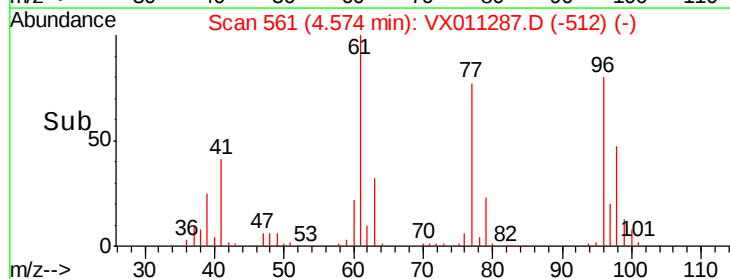
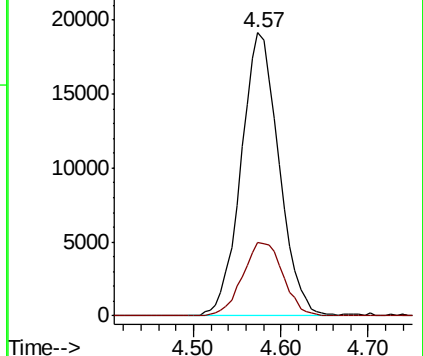
77 100

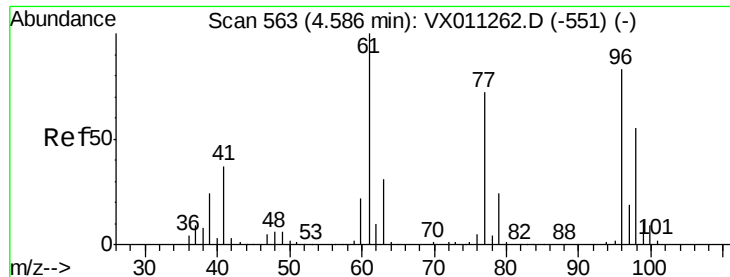
97 27.7 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



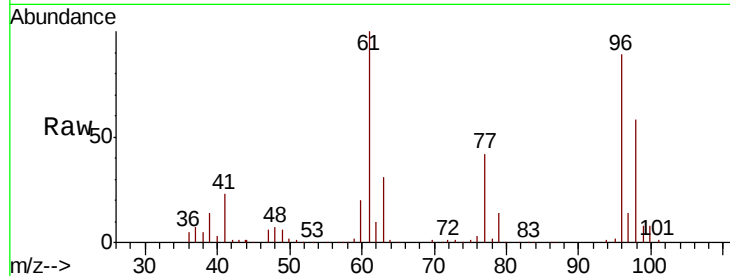


#27

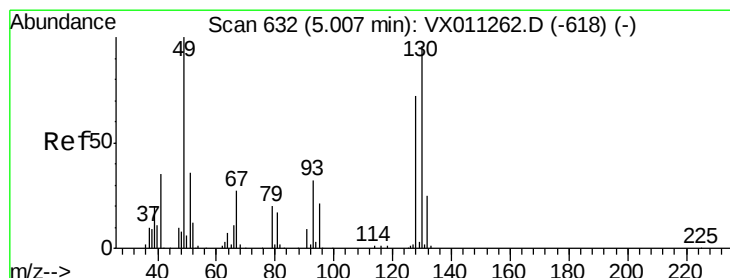
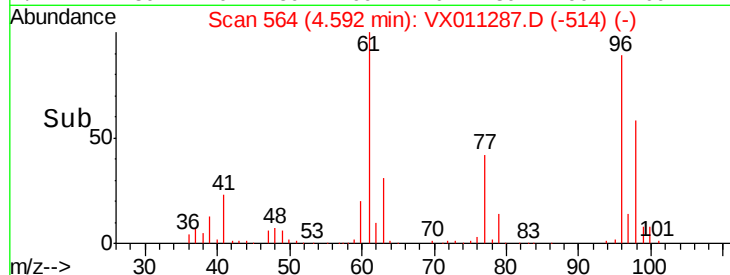
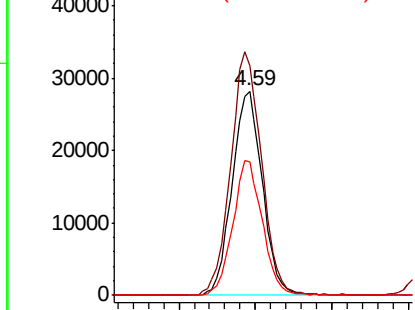
cis-1,2-Dichloroethene
Concen: 48.253 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion: 96 Resp: 77163
Ion Ratio Lower Upper
96 100
61 121.0 0.0 260.2
98 64.6 0.0 133.2



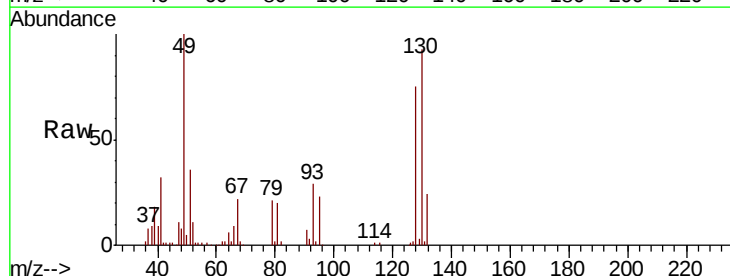
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



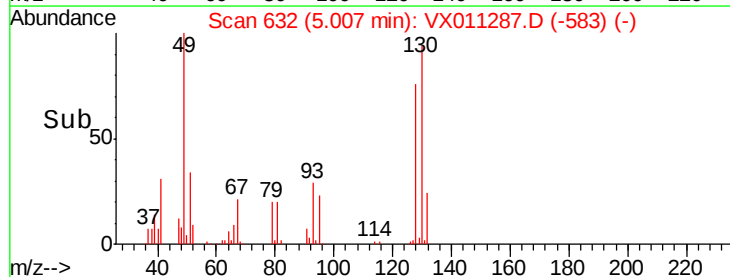
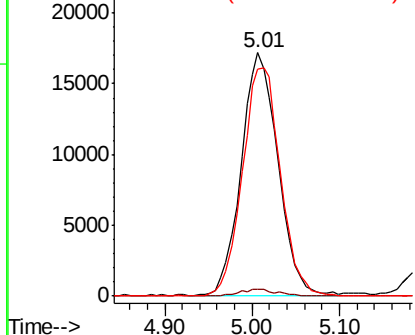
#28

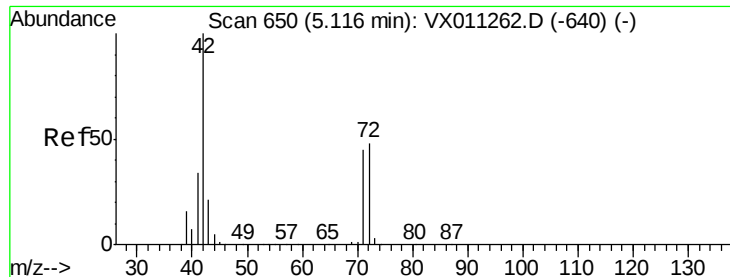
Bromochloromethane
Concen: 48.863 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion: 49 Resp: 50512
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.8
130 96.5 77.9 116.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 249.079 ug/l

RT: 5.12 min Scan# 650

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

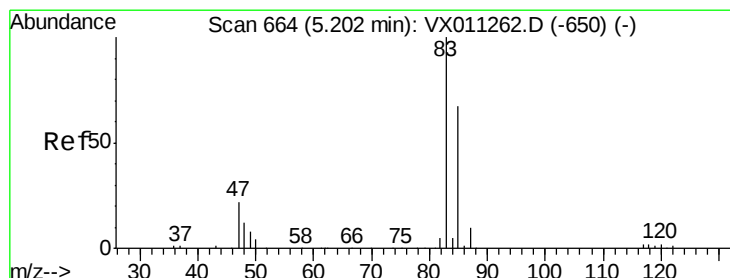
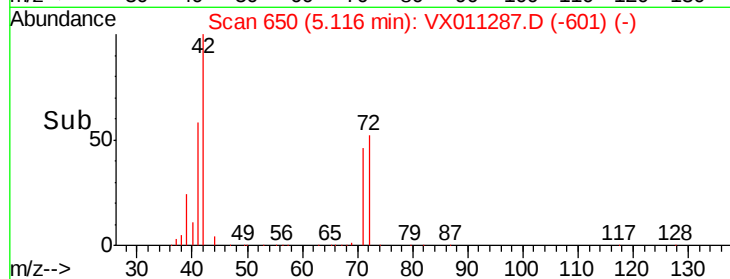
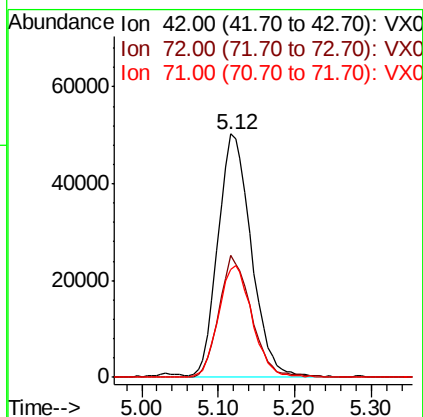
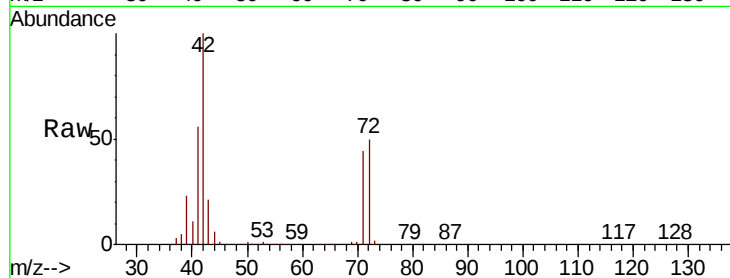
Tot Ion: 42 Resp: 150216

Ion Ratio Lower Upper

42 100

72 49.4 39.9 59.9

71 46.8 36.9 55.3



#30

Chloroform

Concen: 48.347 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.01 min

Lab File: VX011287.D

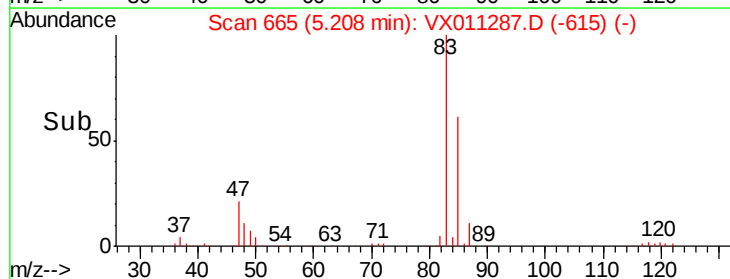
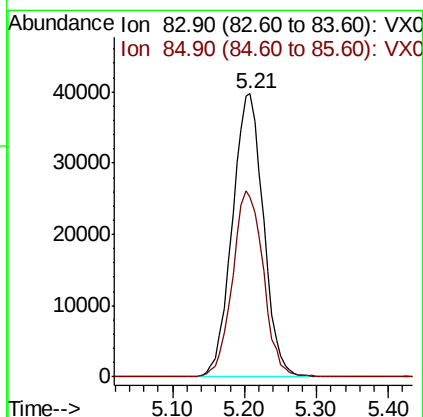
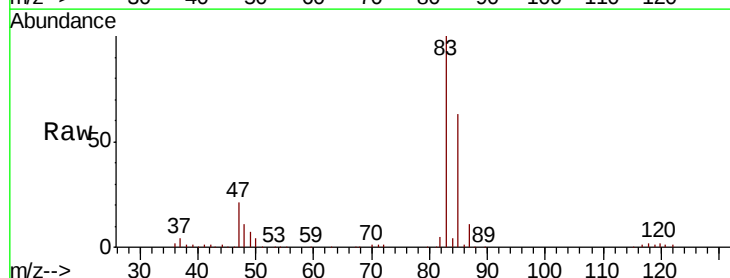
Acq: 02 Aug 2019 02:44

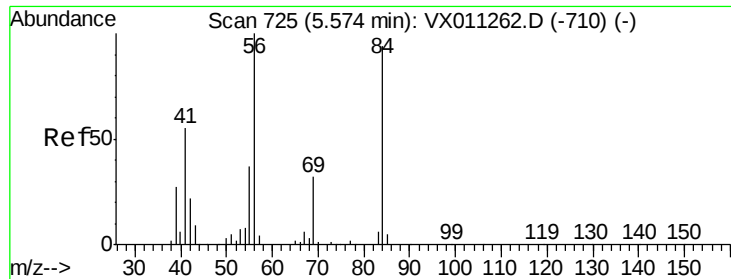
Tgt Ion: 83 Resp: 119150

Ion Ratio Lower Upper

83 100

85 63.4 53.4 80.0

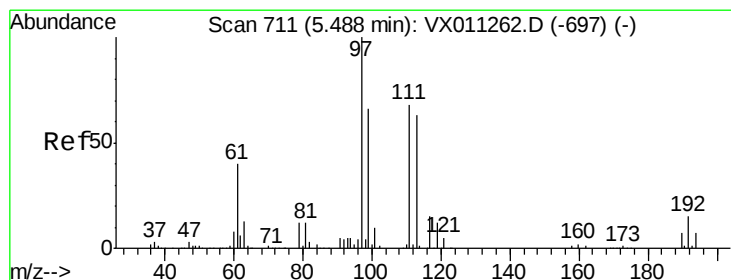
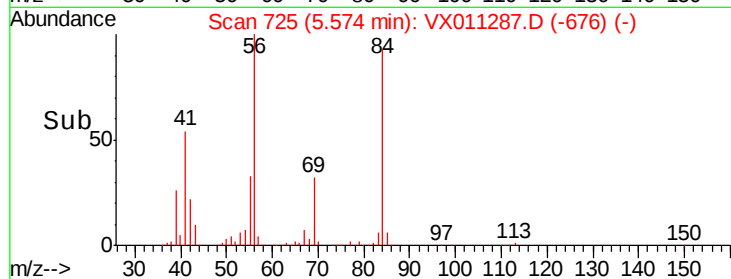
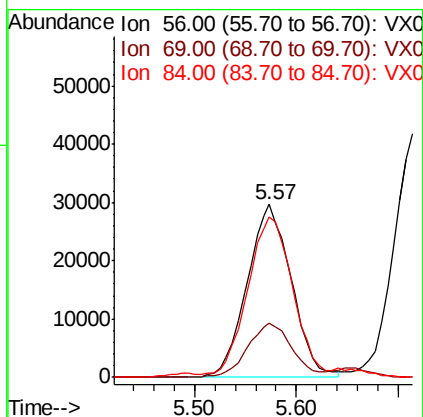
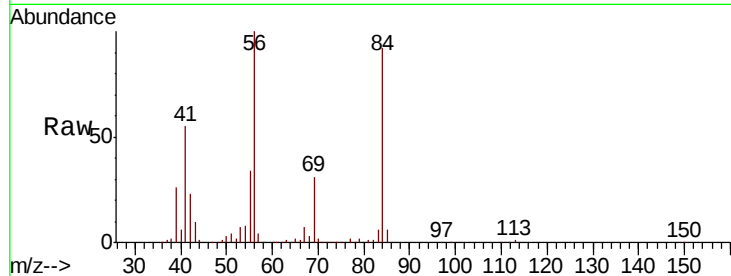




#31
Cyclohexane
Concen: 47.681 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

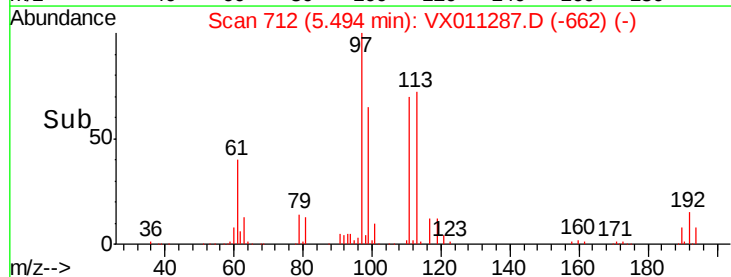
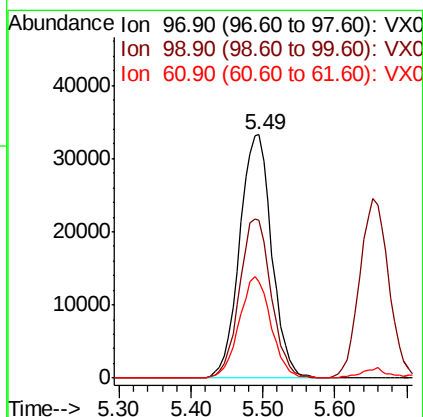
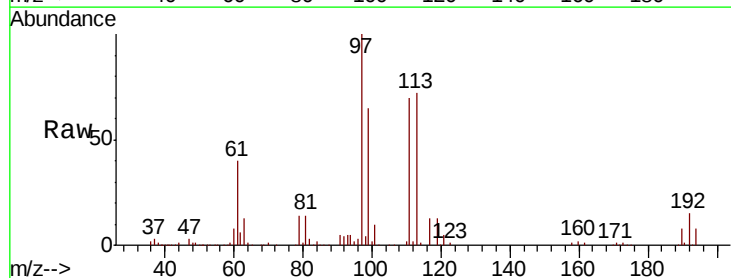
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

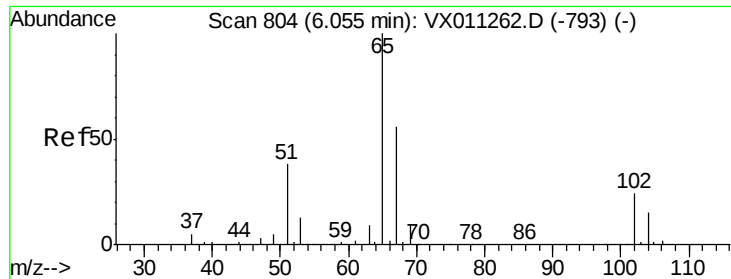
Tot Ion: 56 Resp: 89200
Ion Ratio Lower Upper
56 100
69 31.5 25.5 38.3
84 90.2 75.0 112.4



#32
1,1,1-Trichloroethane
Concen: 48.717 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion: 97 Resp: 102850
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 41.2 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 48.625 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

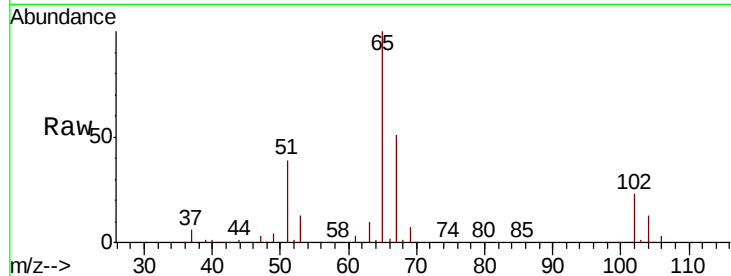
SA-MW127I-20190730MS

Tot Ion: 65 Resp: 70637

Ion Ratio Lower Upper

65 100

67 53.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

30000

25000

20000

15000

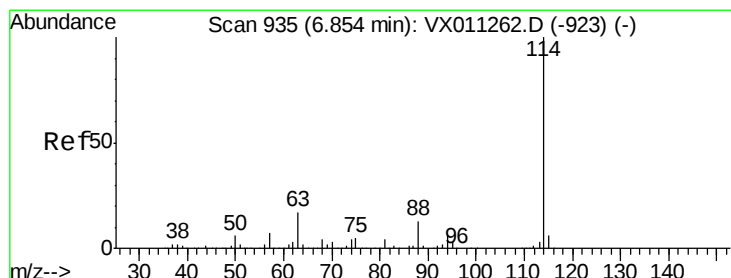
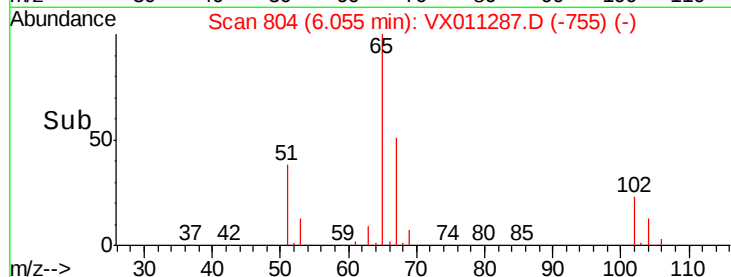
10000

5000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

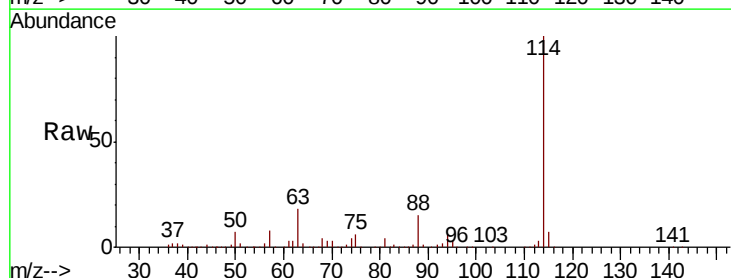
Tgt Ion:114 Resp: 216989

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

88 14.7 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

6.85

120000

100000

80000

60000

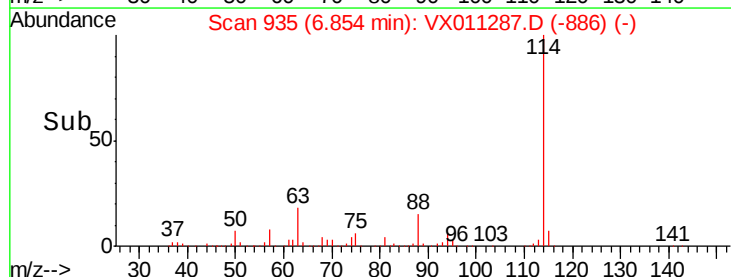
40000

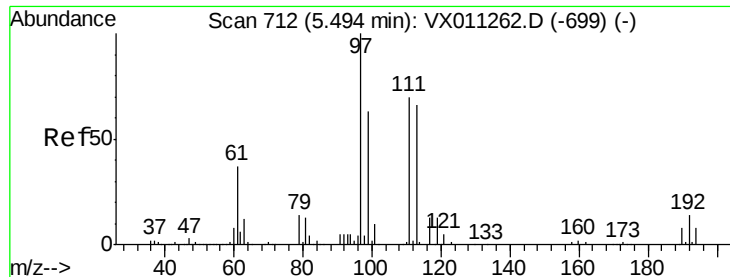
20000

0

Time-->

6.70 6.80 6.90 7.00

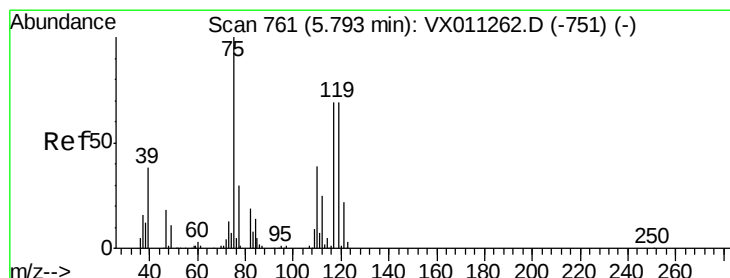
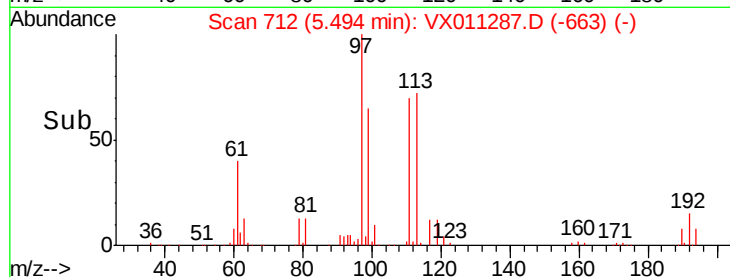
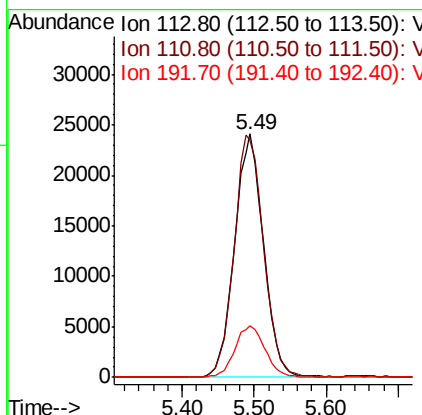
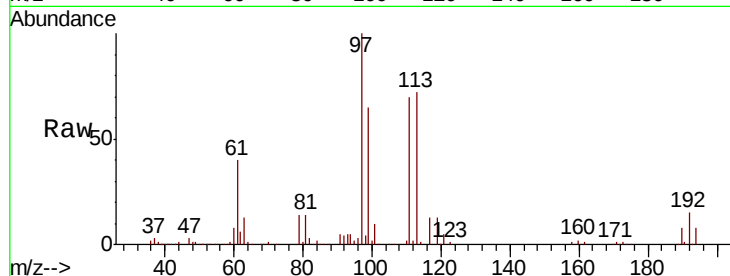




#35
 Dibromofluoromethane
 Concen: 47.456 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

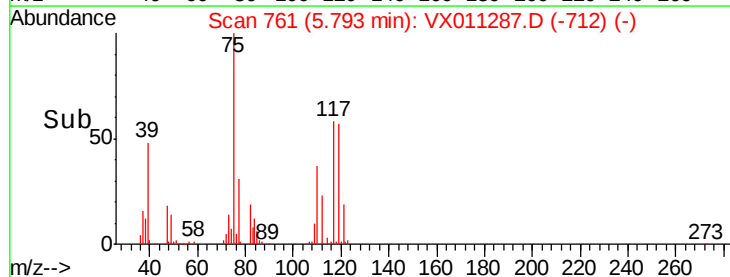
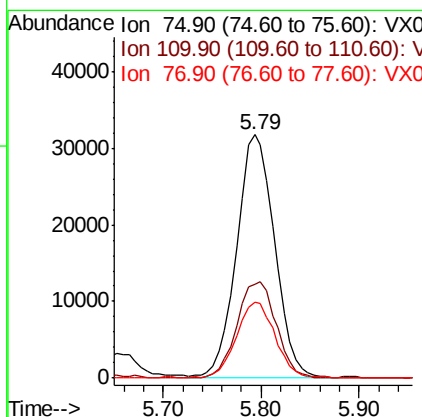
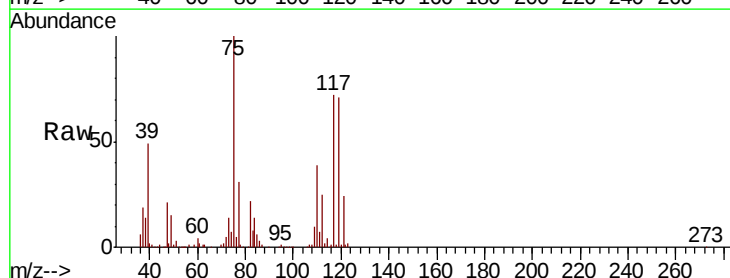
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

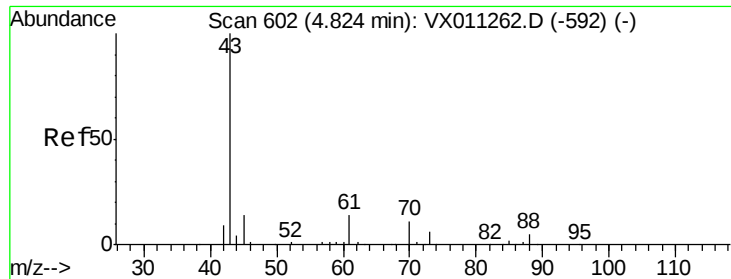
Tot Ion:113 Resp: 67230
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.9 122.9
 192 21.9 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 44.822 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion: 75 Resp: 84915
 Ion Ratio Lower Upper
 75 100
 110 41.6 20.0 59.9
 77 32.5 24.8 37.2





#37

Ethyl Acetate

Concen: 38.352 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.01 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

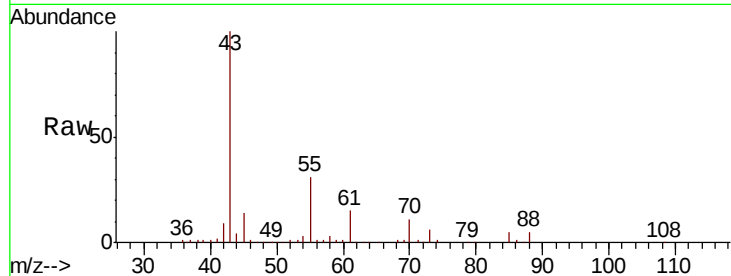
Tot Ion: 43 Resp: 72882

Ion Ratio Lower Upper

43 100

61 15.3 12.6 18.8

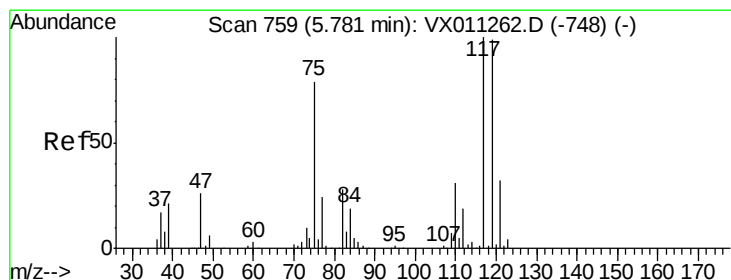
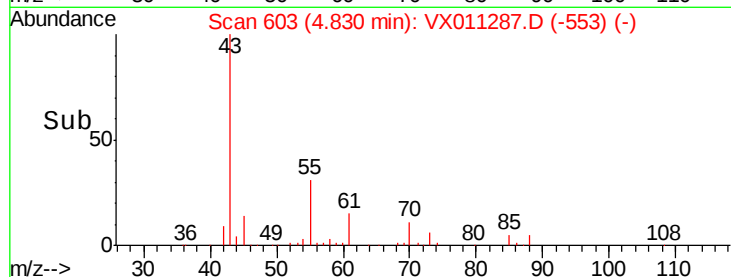
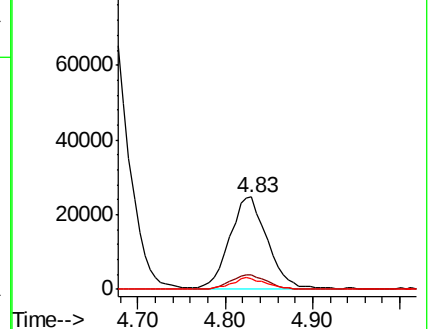
70 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 46.977 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

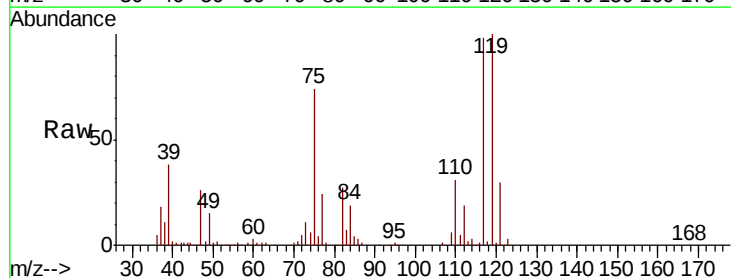
Tgt Ion: 117 Resp: 89539

Ion Ratio Lower Upper

117 100

119 101.5 79.0 118.4

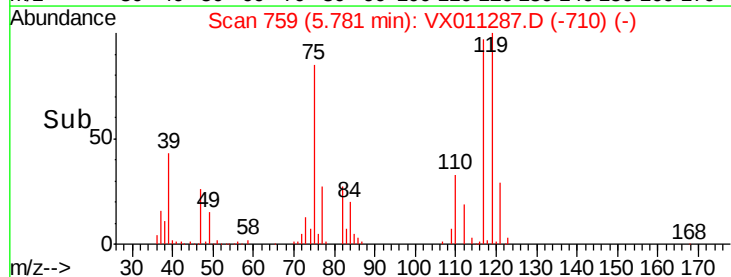
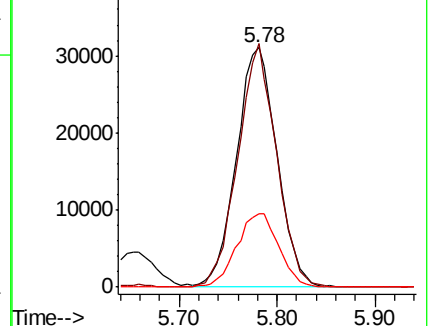
121 30.6 25.9 38.9

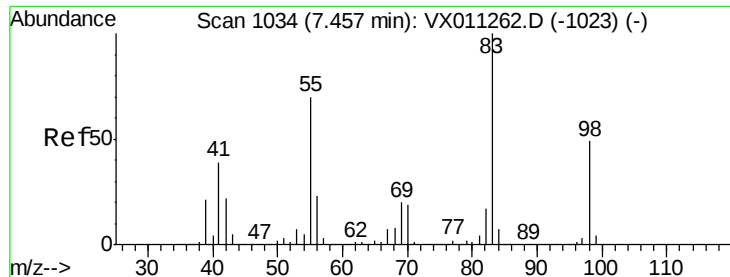


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

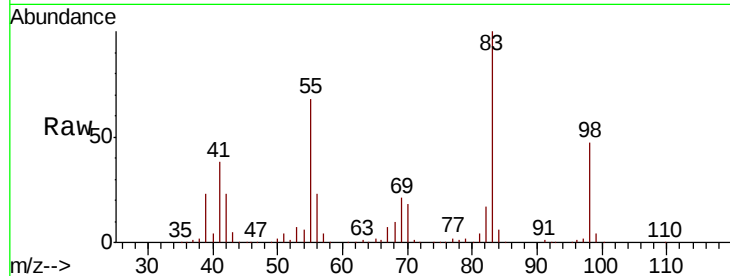




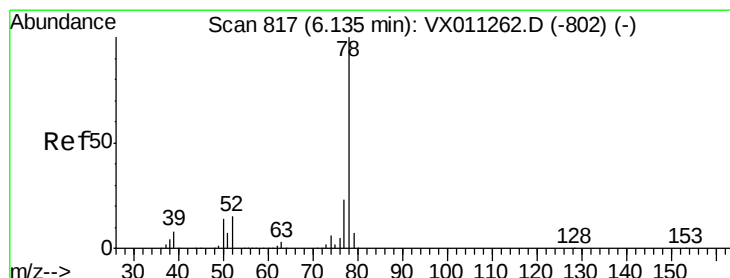
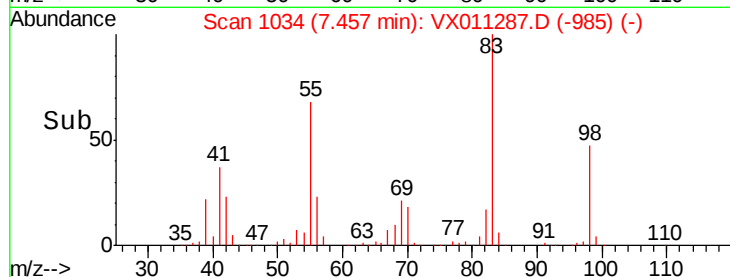
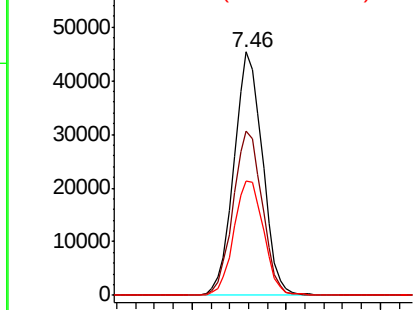
#39
Methvlcvclohexane
Concen: 42.665 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion: 83 Resp: 95811
Ion Ratio Lower Upper
83 100
55 67.6 56.1 84.1
98 47.2 39.0 58.4

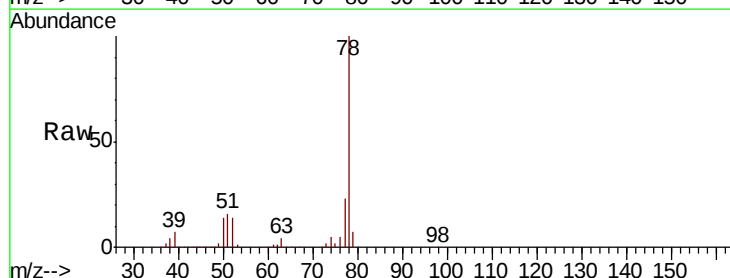


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

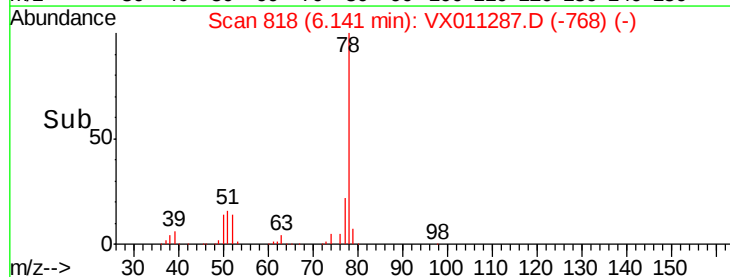
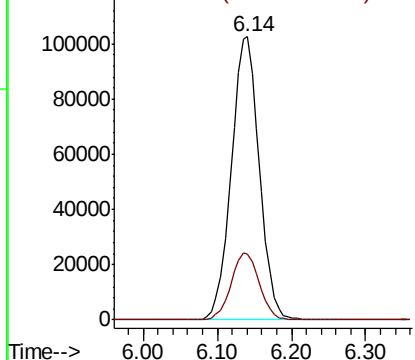


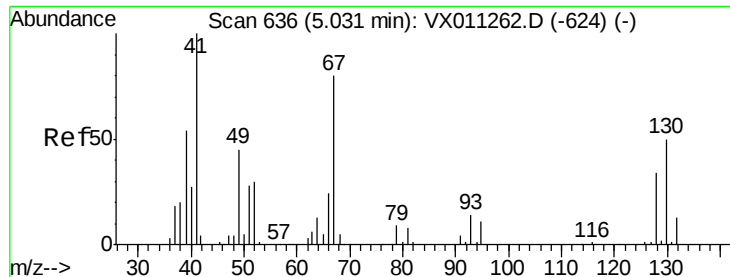
#40
Benzene
Concen: 47.587 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion: 78 Resp: 269025
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

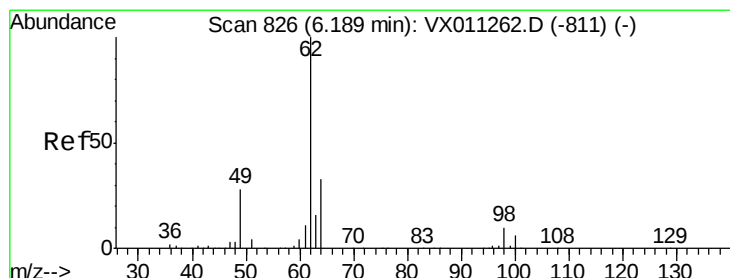
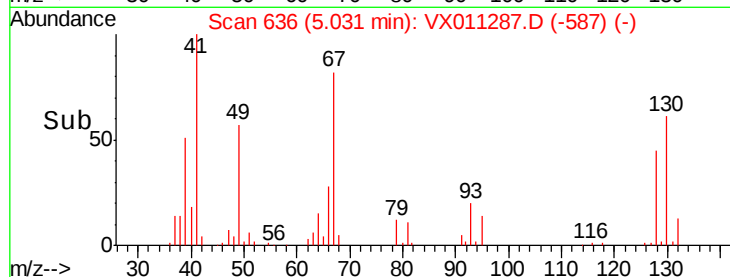
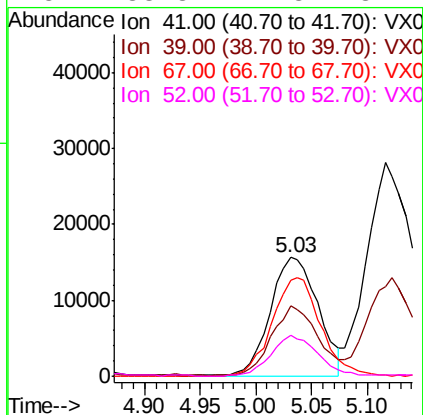
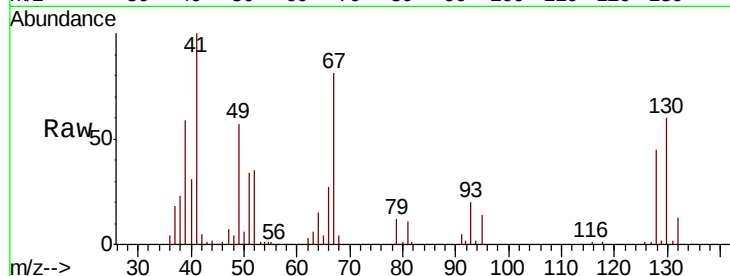




#41
Methacrylonitrile
Concen: 45.066 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

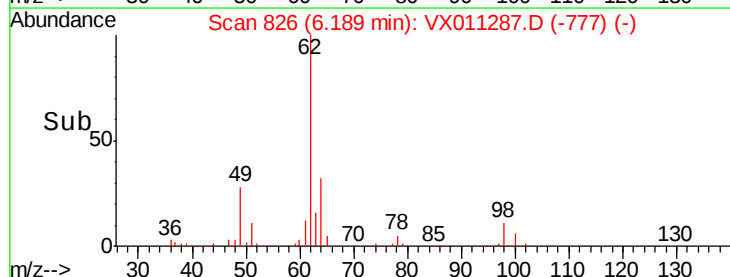
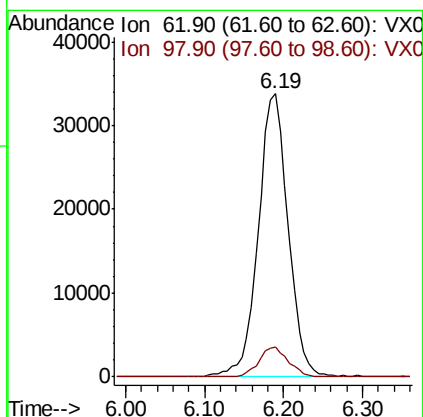
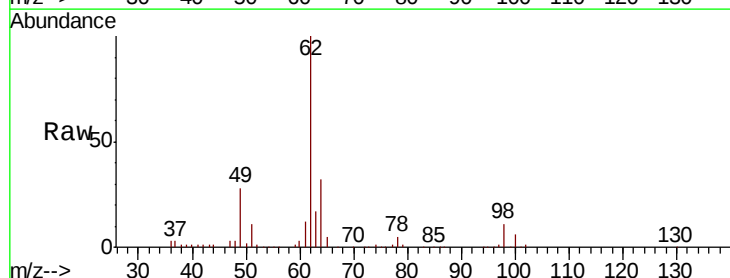
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

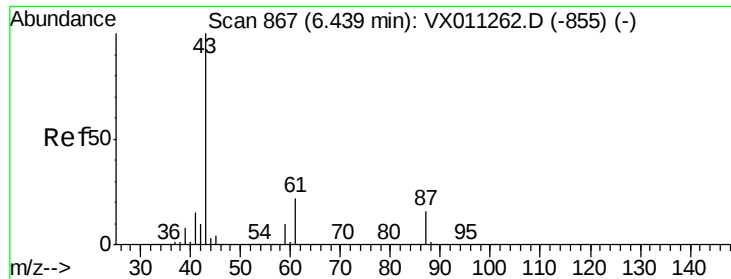
Tot Ion:	41	Resp:	46771
Ion	Ratio	Lower	Upper
41	100		
39	58.2	43.0	64.6
67	84.5	65.1	97.7
52	33.3	24.8	37.2



#42
1,2-Dichloroethane
Concen: 46.465 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion:	62	Resp:	88827
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 41.380 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

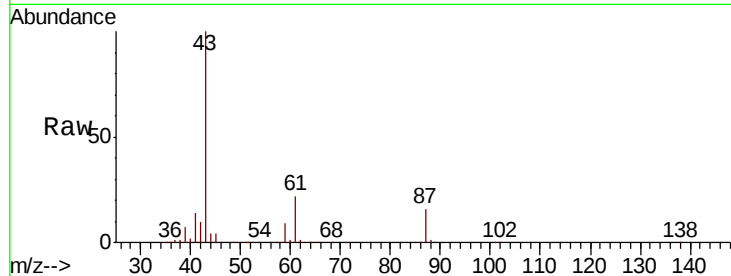
Tot Ion: 43 Resp: 125722

Ion Ratio Lower Upper

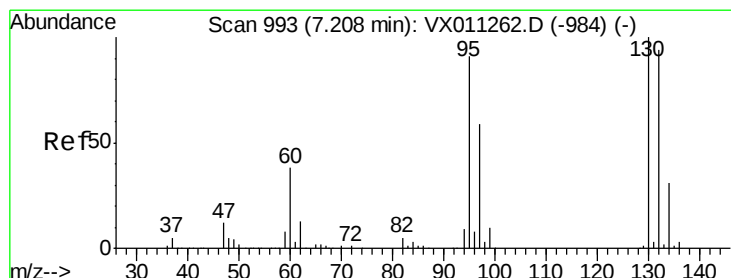
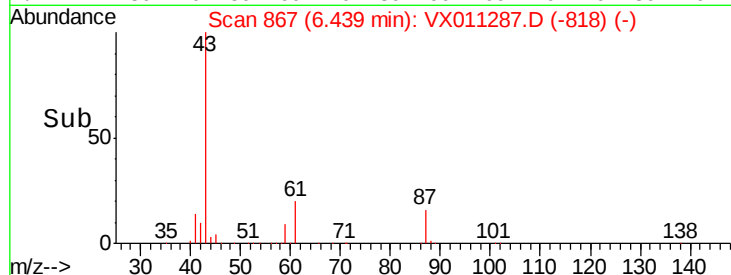
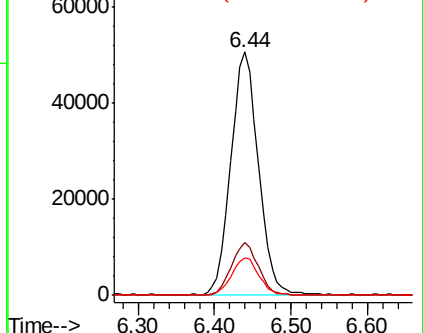
43 100

61 21.3 16.5 24.7

87 15.7 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: 45.134 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011287.D

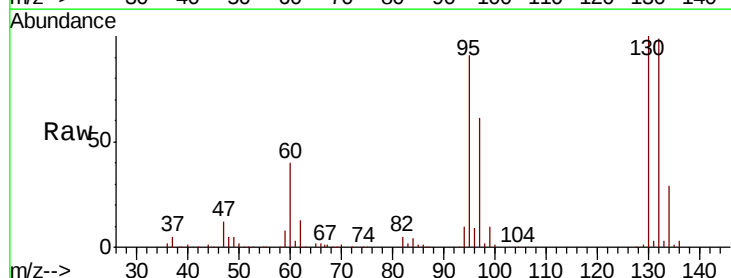
Acq: 02 Aug 2019 02:44

Tgt Ion:130 Resp: 77233

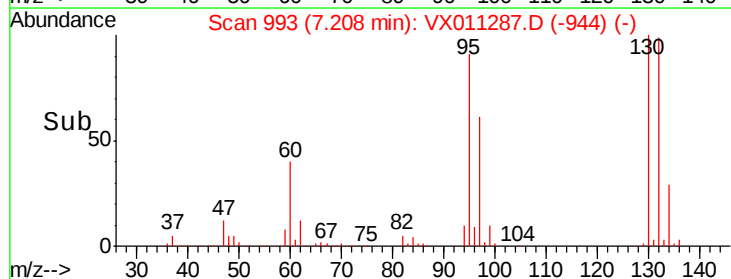
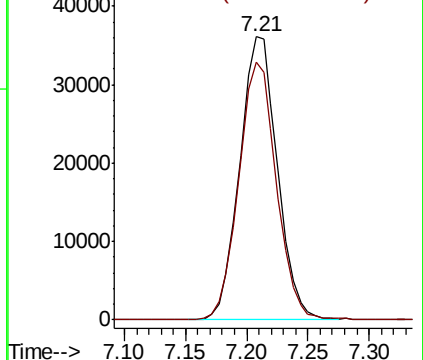
Ion Ratio Lower Upper

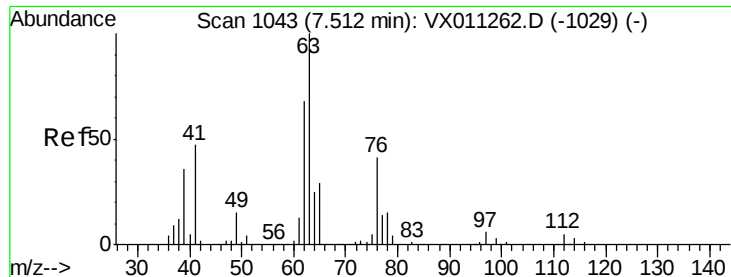
130 100

95 91.2 0.0 182.6



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

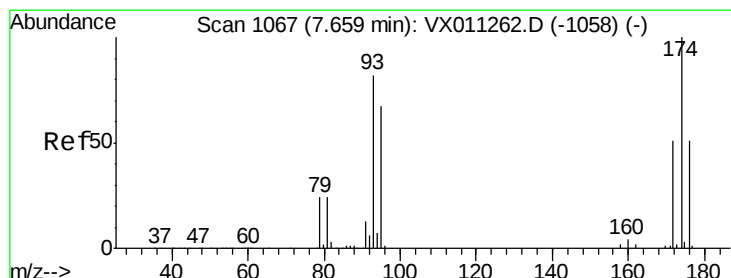
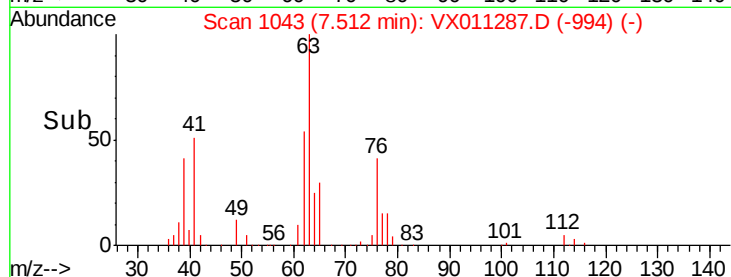
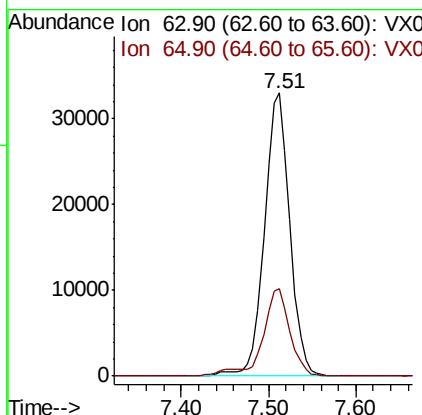
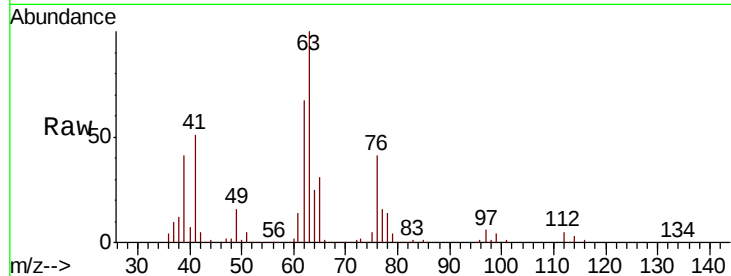




#45
 1,2-Dichloropropane
 Concen: 45.778 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

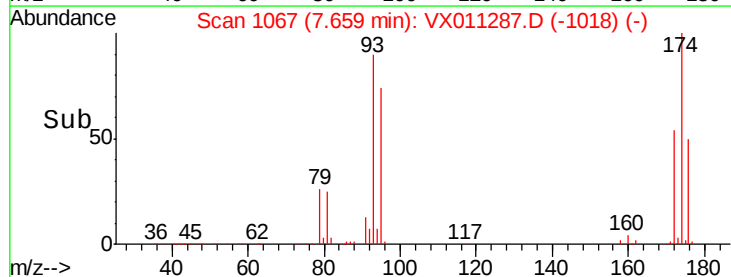
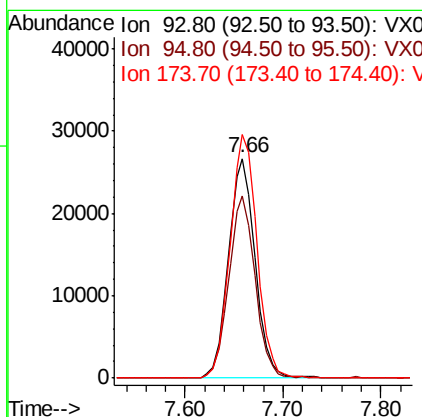
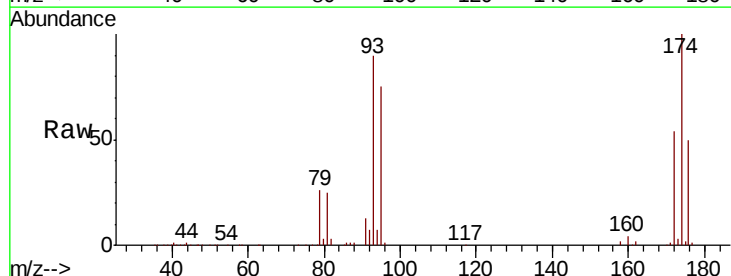
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

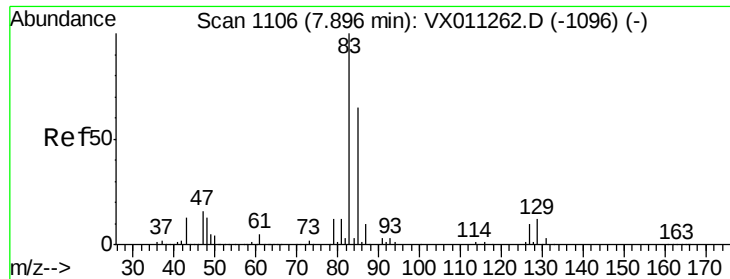
Tot Ion: 63 Resp: 67025
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.3 34.9



#46
 Dibromomethane
 Concen: 47.148 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion: 93 Resp: 50393
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.4 99.6
 174 112.1 93.4 140.2





#47

Bromodichloromethane

Concen: 48.149 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

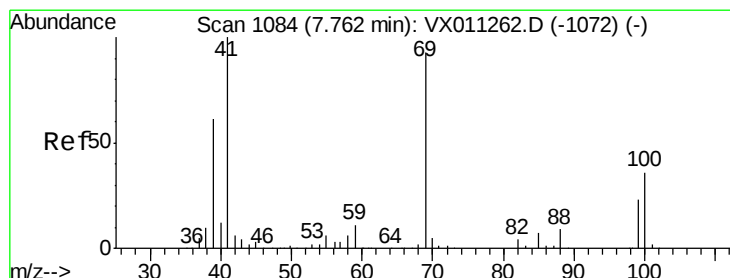
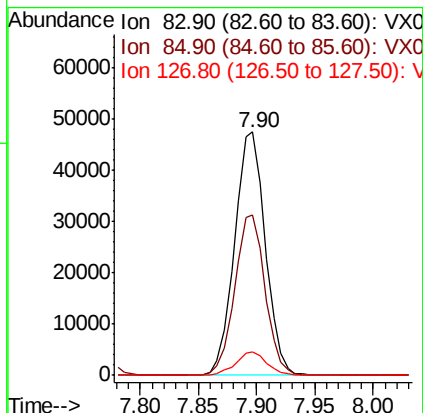
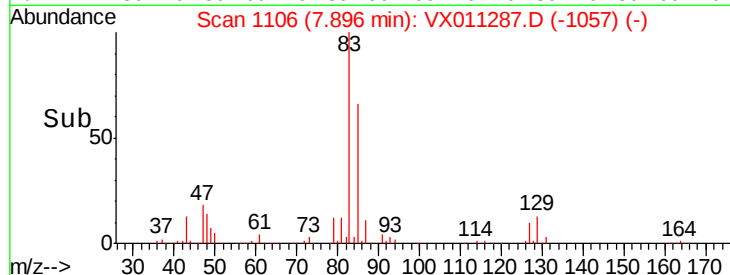
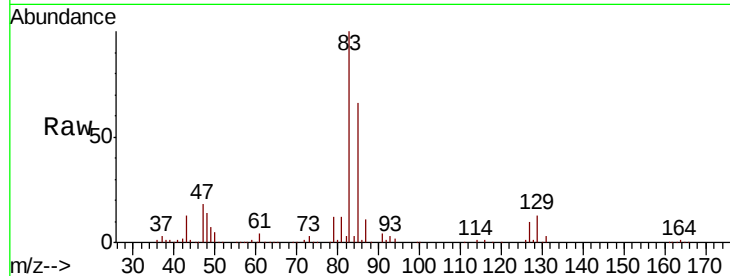
Tot Ion: 83 Resp: 87132

Ion Ratio Lower Upper

83 100

85 65.7 52.2 78.2

127 9.9 7.8 11.8



#48

Methyl methacrylate

Concen: 48.539 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

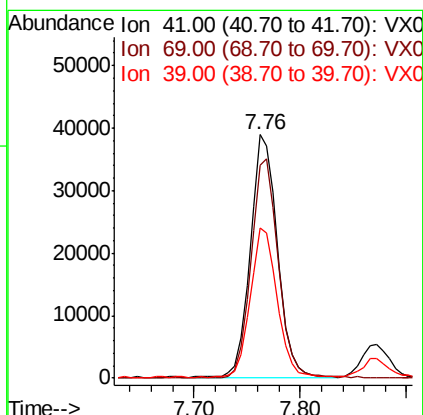
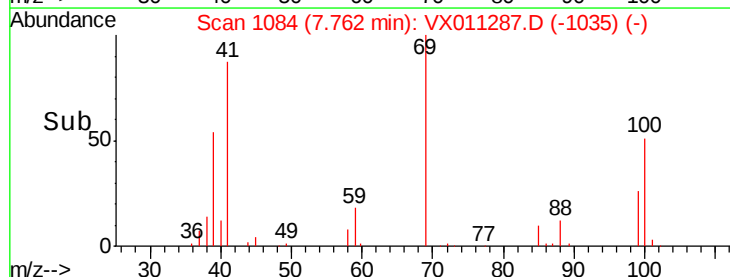
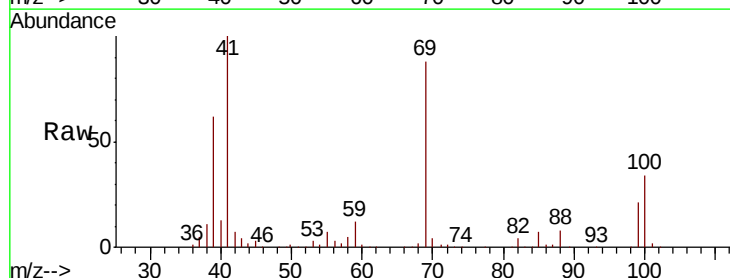
Tgt Ion: 41 Resp: 69402

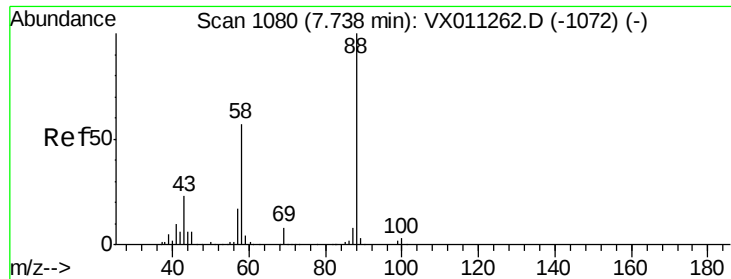
Ion Ratio Lower Upper

41 100

69 91.0 74.5 111.7

39 60.9 48.6 72.8

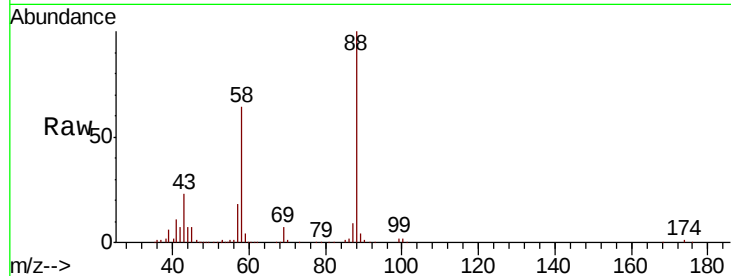




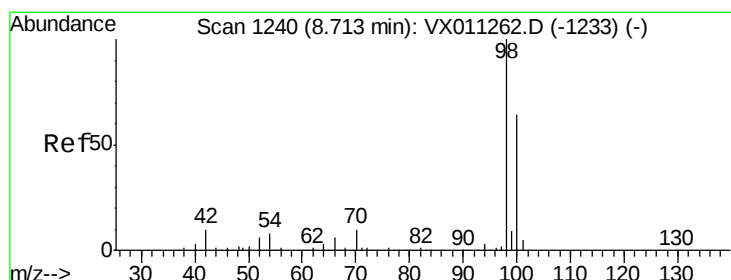
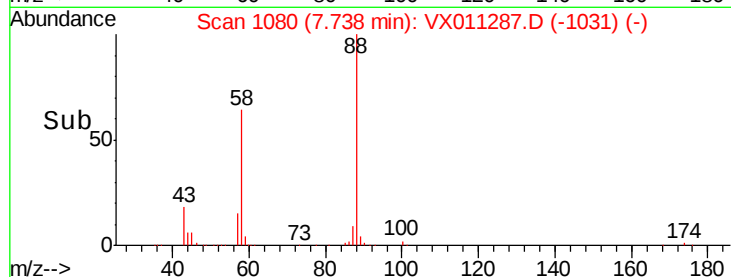
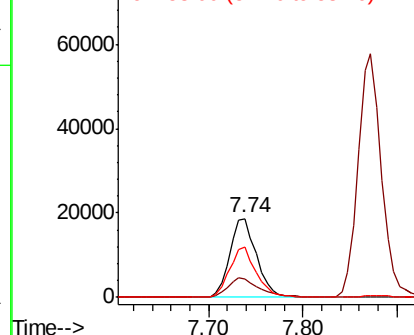
#49
1,4-Dioxane
Concen: 889.443 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion: 88 Resp: 36869
Ion Ratio Lower Upper
88 100
43 29.6 22.2 33.2
58 62.9 47.8 71.8

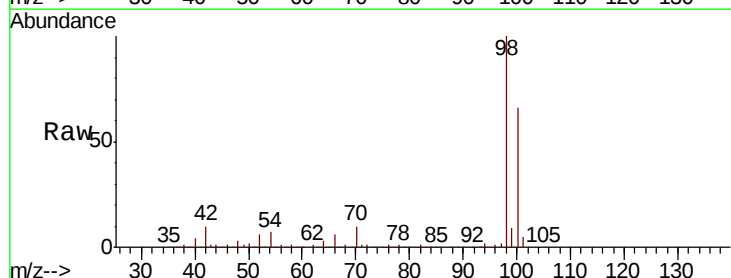


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

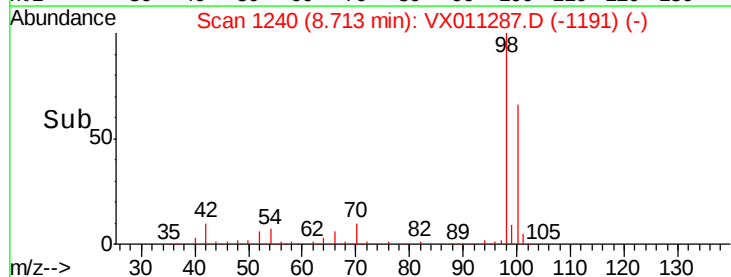
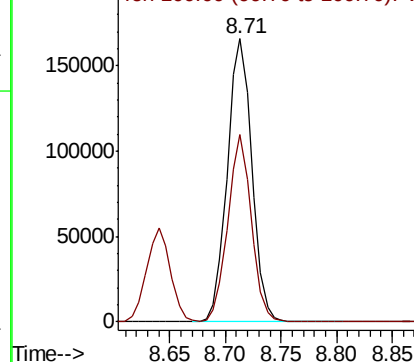


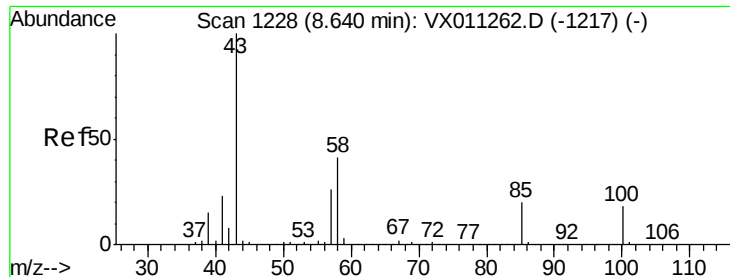
#50
Toluene-d8
Concen: 47.325 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion: 98 Resp: 253073
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 247.783 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

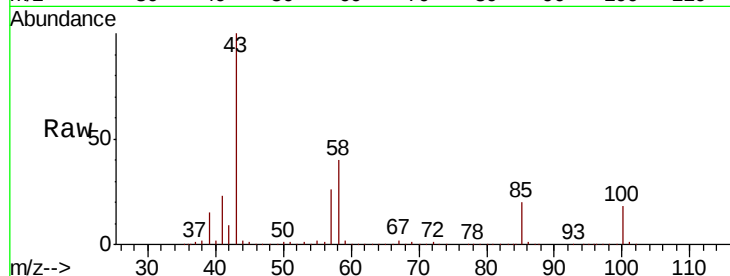
SA-MW127I-20190730MS

Tot Ion: 43 Resp: 485840

Ion Ratio Lower Upper

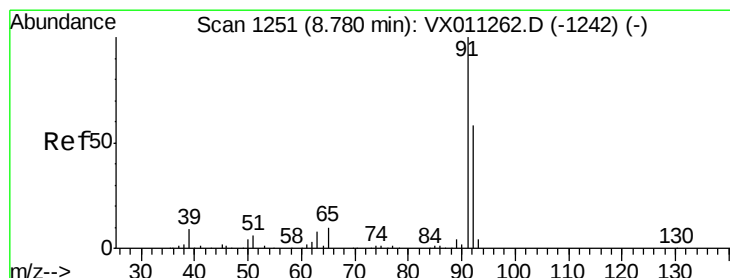
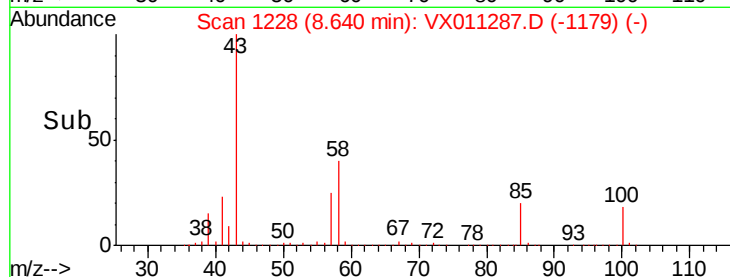
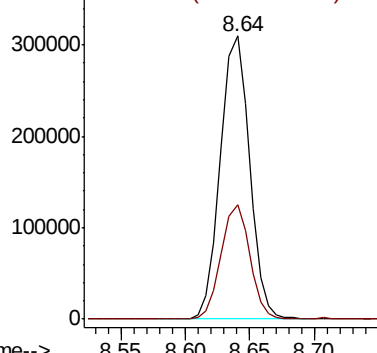
43 100

58 39.7 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.959 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011287.D

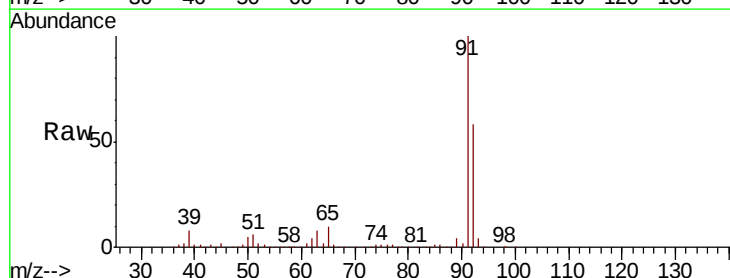
Acq: 02 Aug 2019 02:44

Tgt Ion: 92 Resp: 175524

Ion Ratio Lower Upper

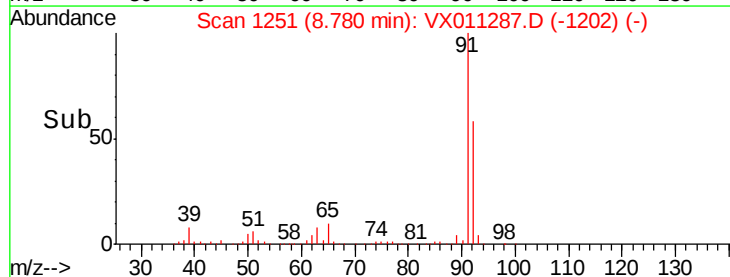
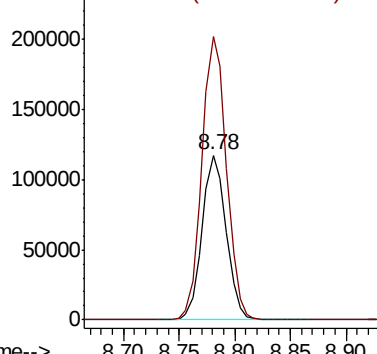
92 100

91 175.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

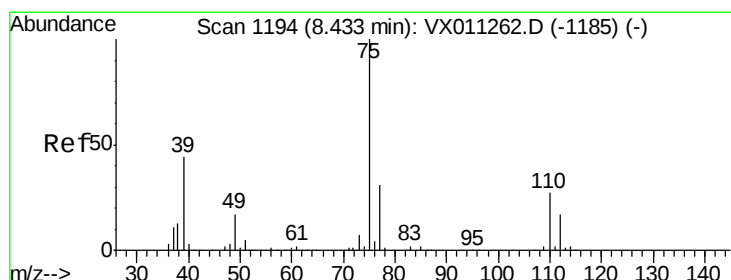
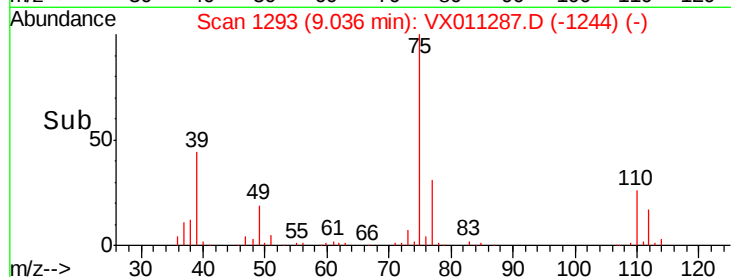
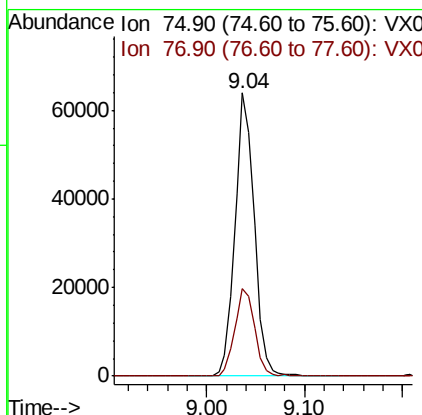
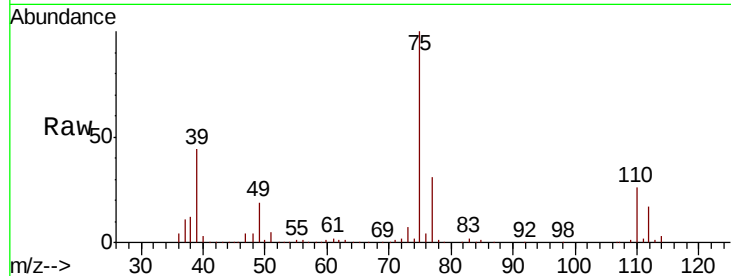




#53
 t-1,3-Dichloropropene
 Concen: 41.911 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

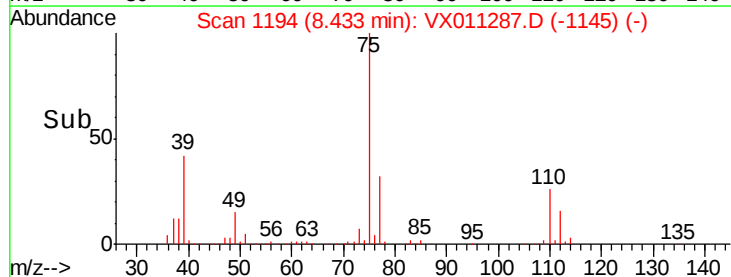
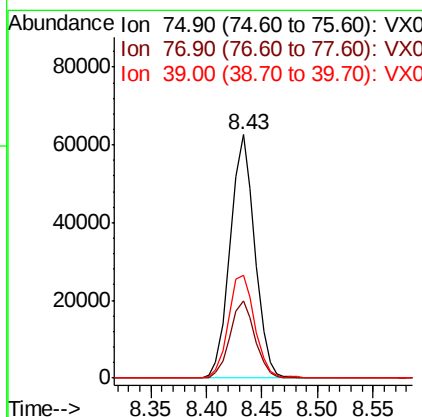
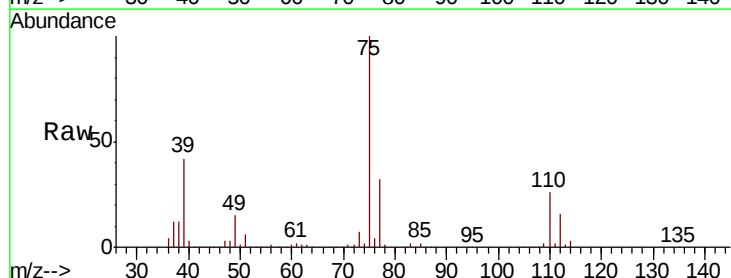
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

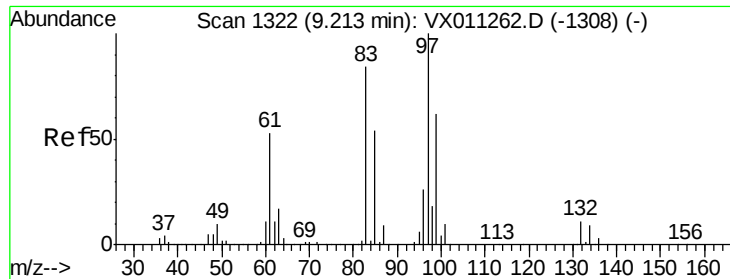
Tot Ion: 75 Resp: 87300
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 45.566 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion: 75 Resp: 96321
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 42.2 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 47.593 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 97 Resp: 73143

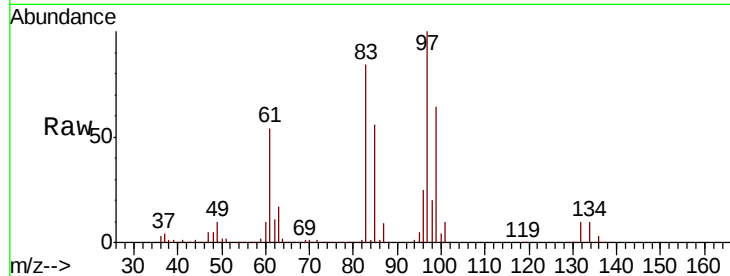
Ion Ratio Lower Upper

97 100

83 83.6 67.6 101.4

85 55.7 43.4 65.0

99 64.3 49.6 74.4

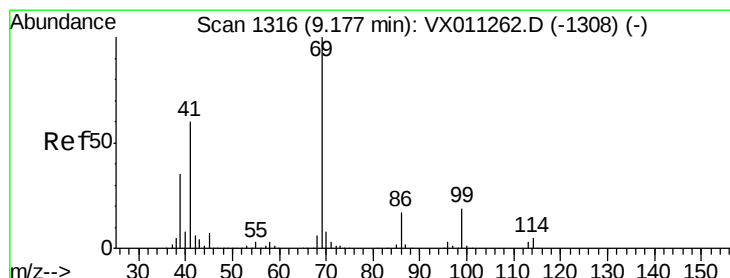
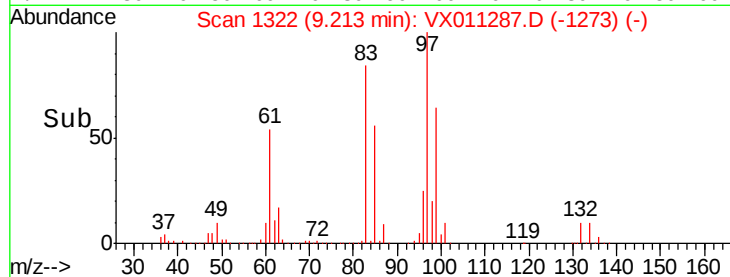
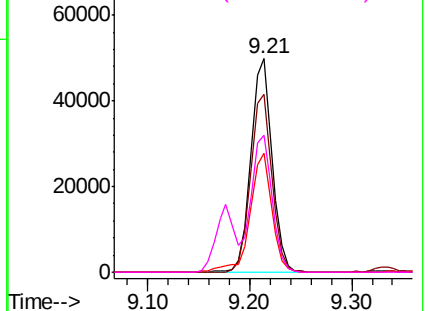


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.068 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

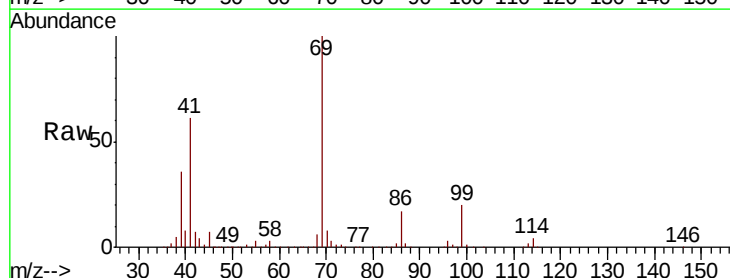
Tgt Ion: 69 Resp: 105272

Ion Ratio Lower Upper

69 100

41 62.3 48.6 73.0

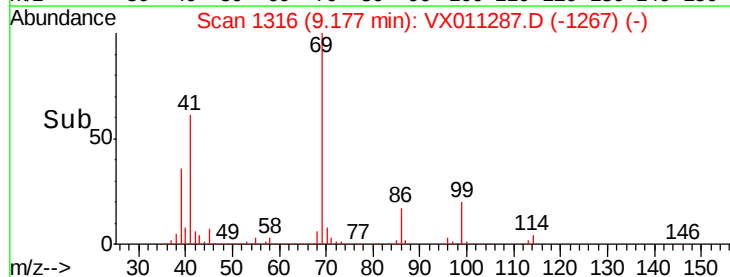
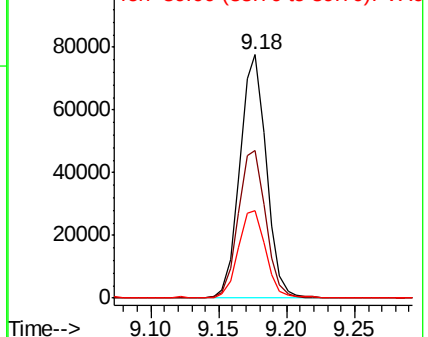
39 37.0 29.4 44.2

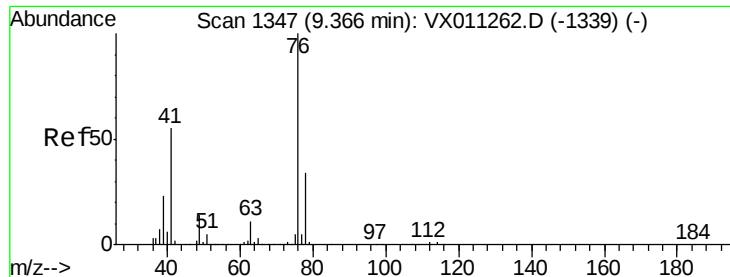


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.276 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

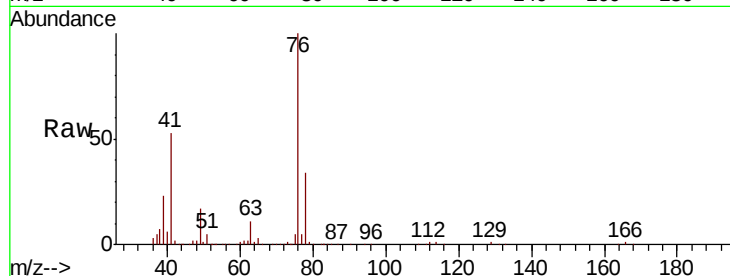
SA-MW127I-20190730MS

Tot Ion: 76 Resp: 114903

Ion Ratio Lower Upper

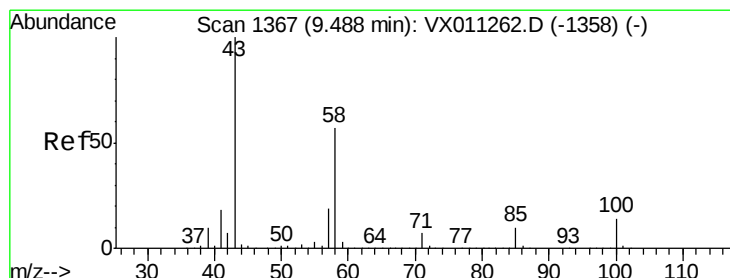
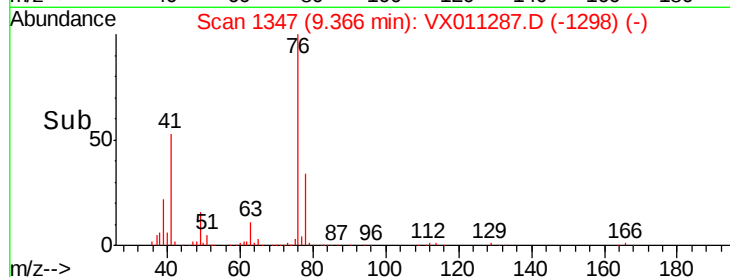
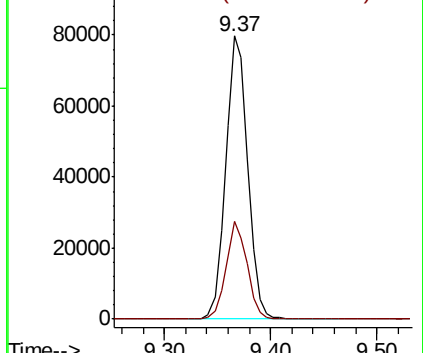
76 100

78 33.1 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: 247.139 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX011287.D

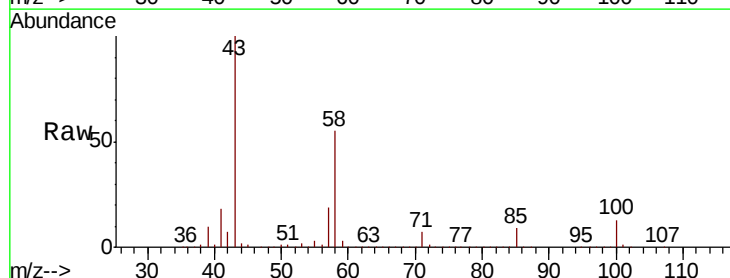
Acq: 02 Aug 2019 02:44

Tgt Ion: 43 Resp: 375336

Ion Ratio Lower Upper

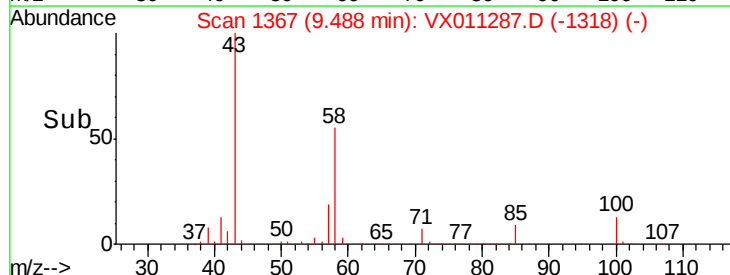
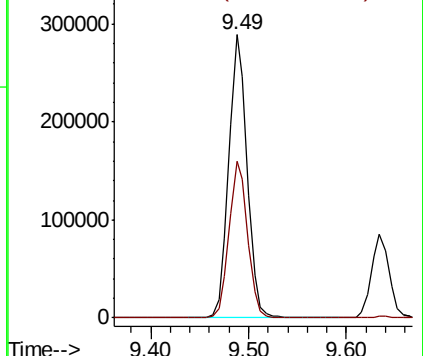
43 100

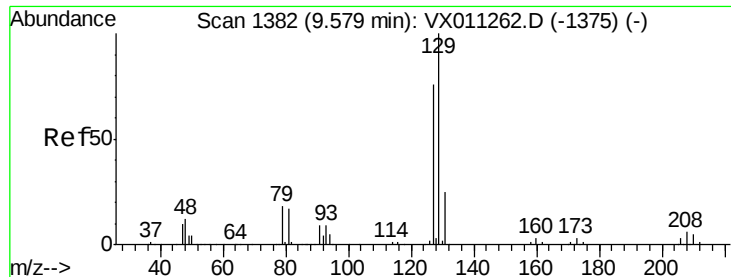
58 56.1 28.2 84.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

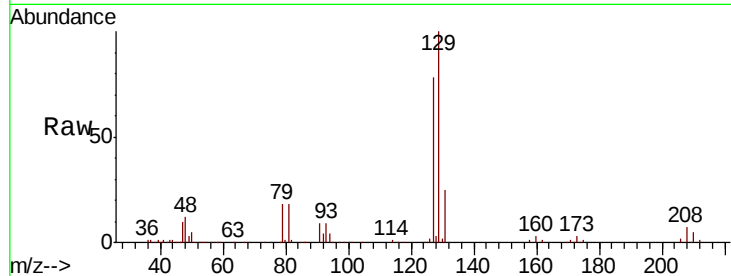




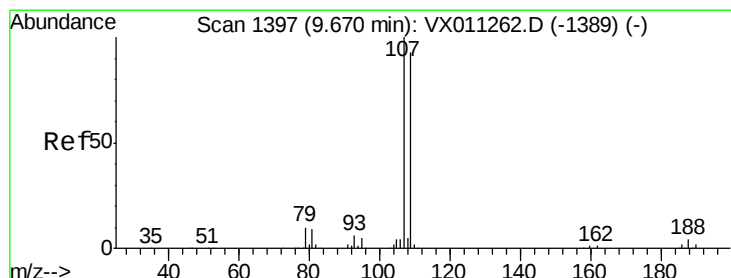
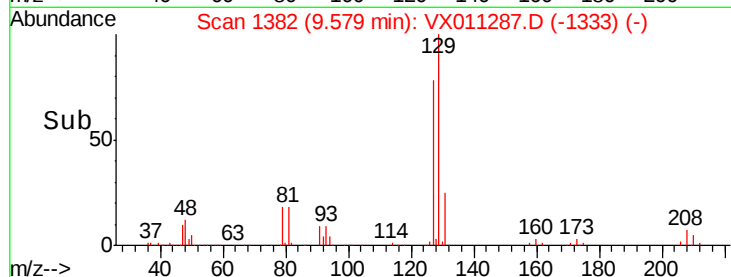
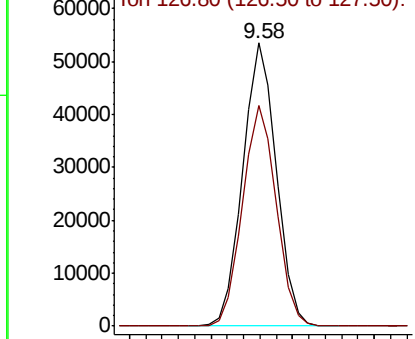
#60
 Dibromochloromethane
 Concen: 48.763 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Tot Ion:129 Resp: 76725
 Ion Ratio Lower Upper
 129 100
 127 78.3 39.2 117.6

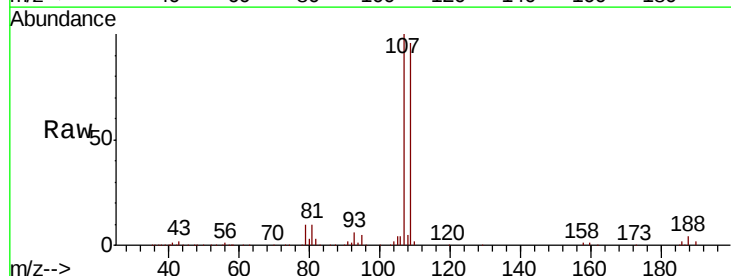


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

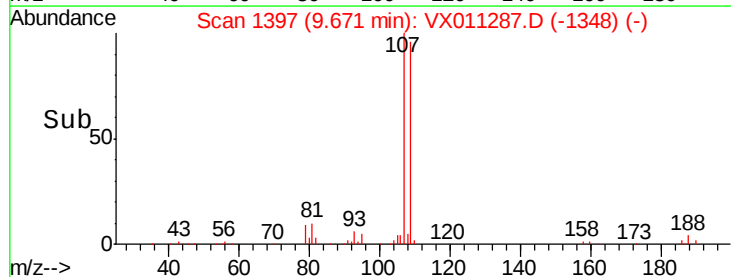
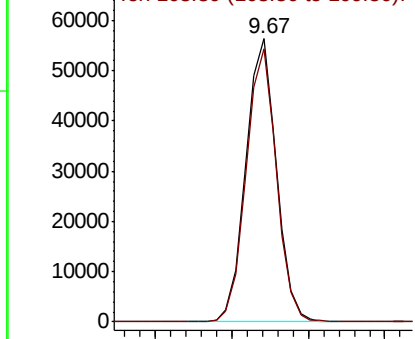


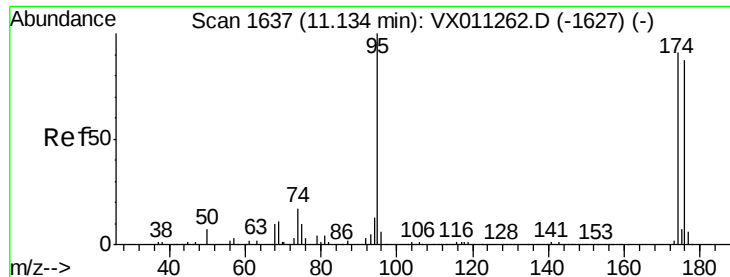
#61
 1,2-Dibromoethane
 Concen: 47.182 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion:107 Resp: 78341
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

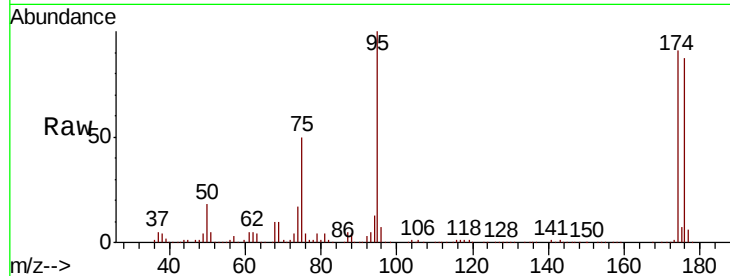




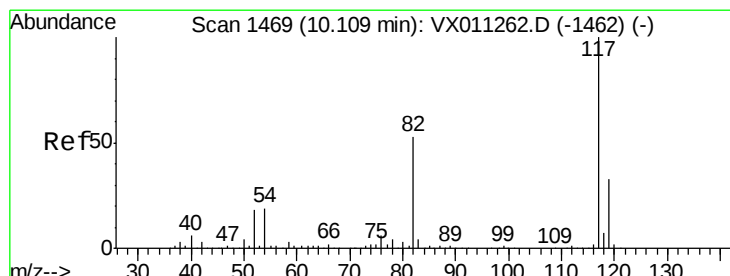
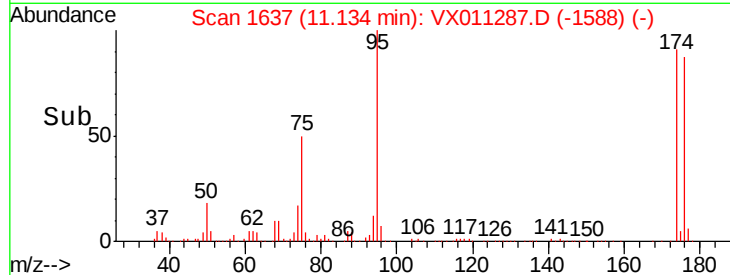
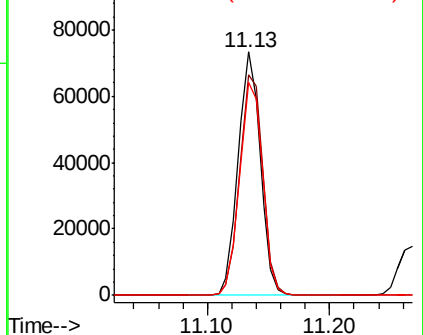
#62
4-Bromofluorobenzene
Concen: 48.040 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion: 95 Resp: 91719
Ion Ratio Lower Upper
95 100
174 94.3 0.0 191.2
176 90.8 0.0 184.8

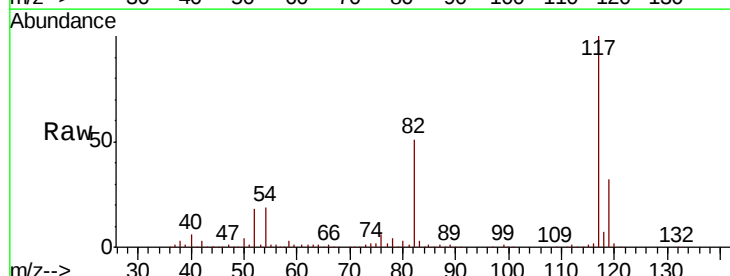


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

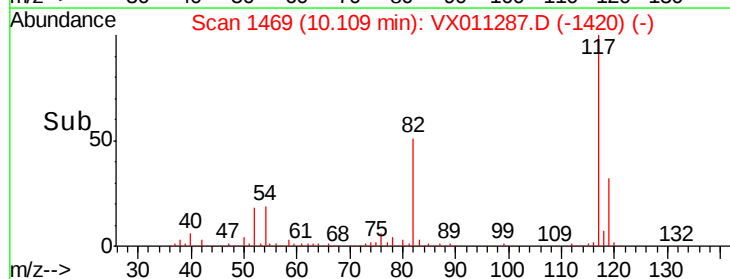
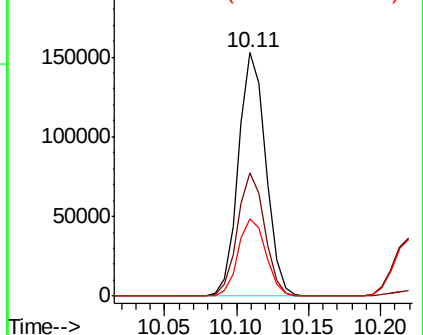


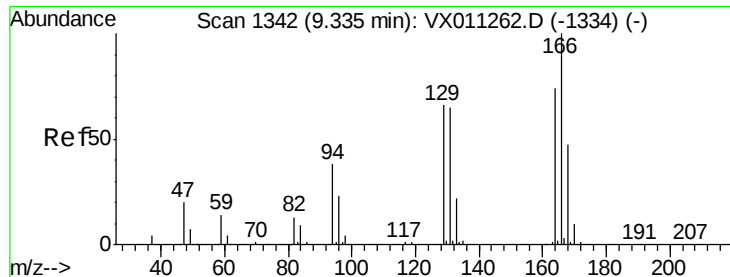
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion: 117 Resp: 201911
Ion Ratio Lower Upper
117 100
82 50.8 42.2 63.2
119 31.6 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 44.800 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion:164 Resp: 76818

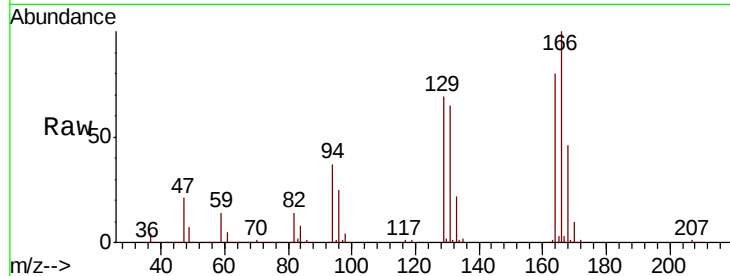
Ion Ratio Lower Upper

164 100

166 125.6 107.5 161.3

129 86.7 71.0 106.4

131 81.8 69.8 104.6

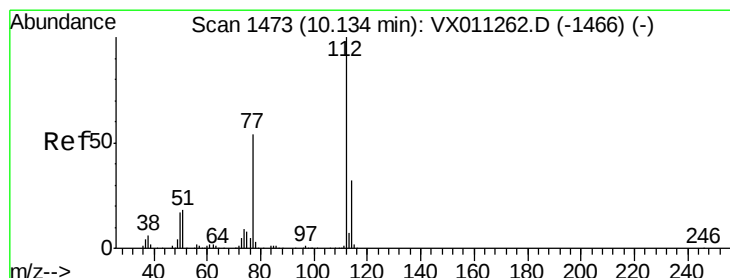
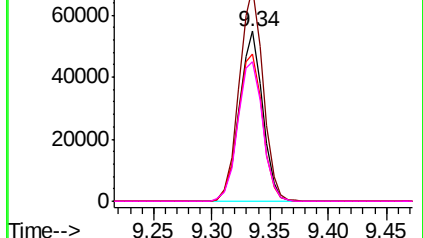
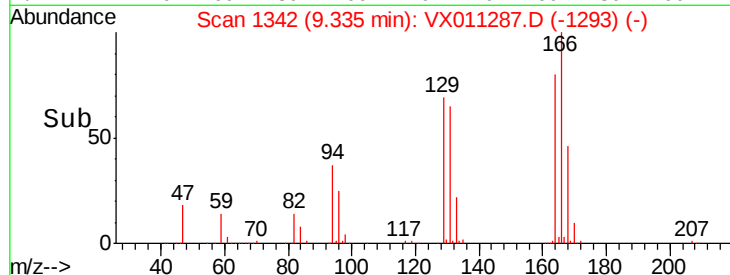


Abundance Ion 163.80 (163.50 to 164.50): V

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: 45.862 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011287.D

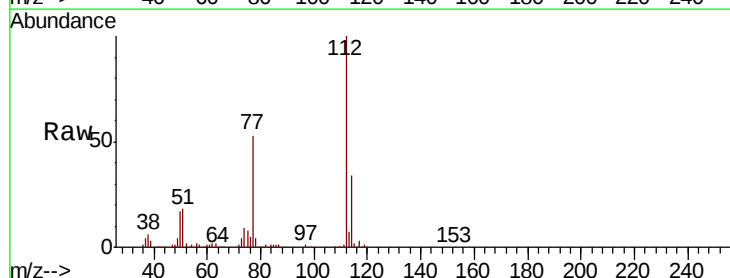
Acq: 02 Aug 2019 02:44

Tgt Ion:112 Resp: 198548

Ion Ratio Lower Upper

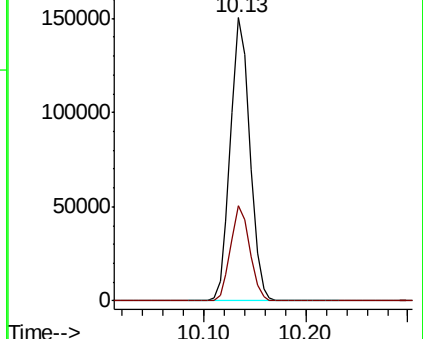
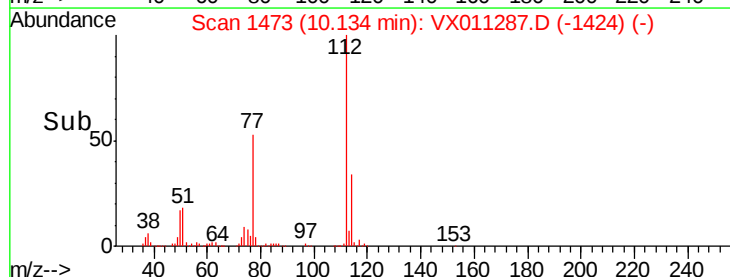
112 100

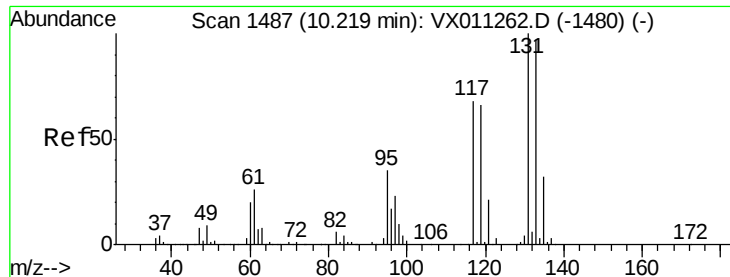
114 33.5 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

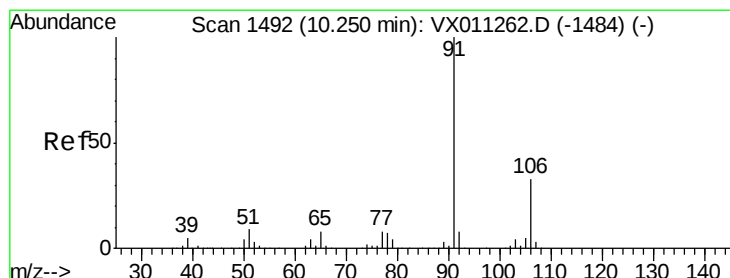
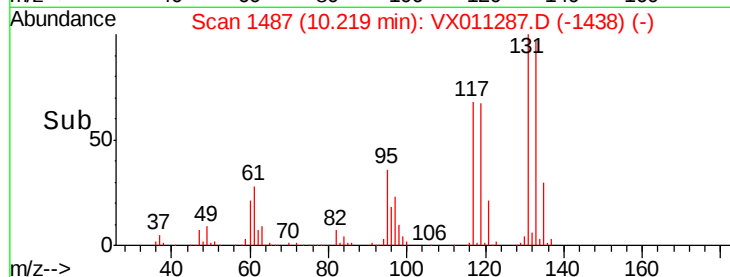
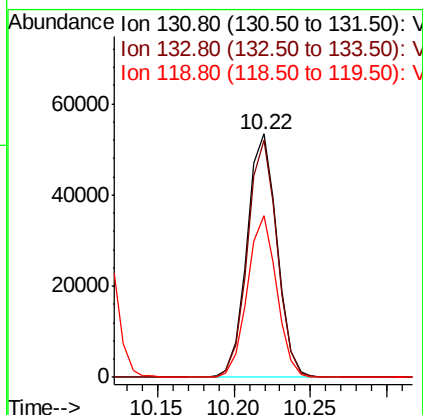
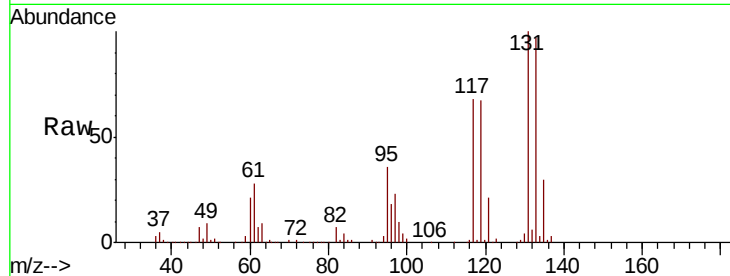




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.107 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

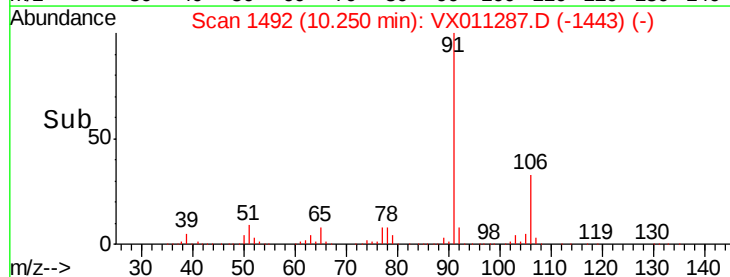
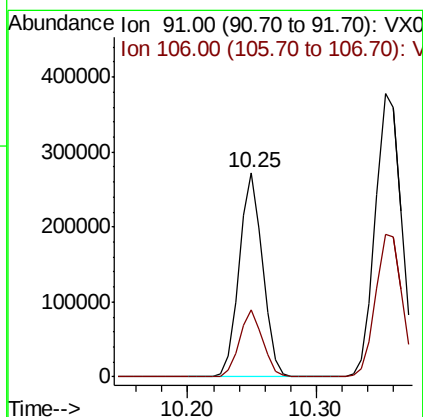
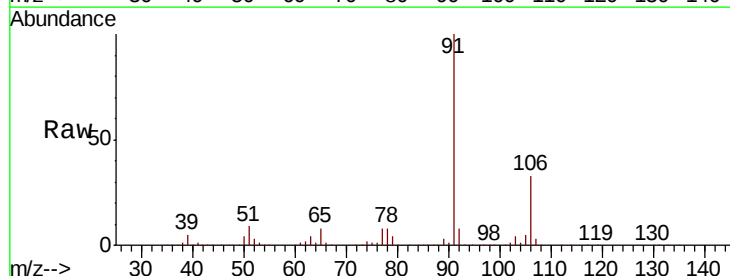
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

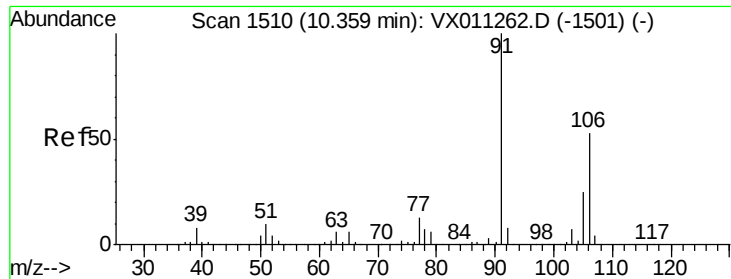
Tot Ion:131 Resp: 72783
 Ion Ratio Lower Upper
 131 100
 133 95.6 47.7 143.1
 119 64.8 32.8 98.3



#67
 Ethyl Benzene
 Concen: 47.241 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion: 91 Resp: 342514
 Ion Ratio Lower Upper
 91 100
 106 32.8 26.2 39.4

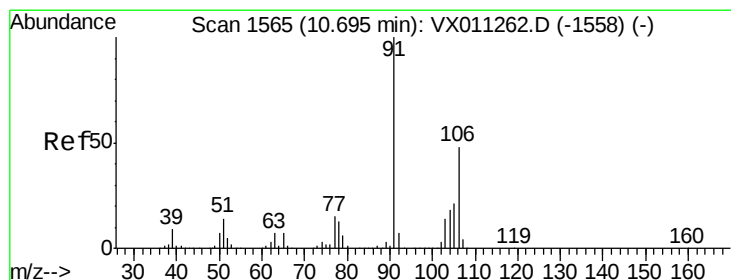
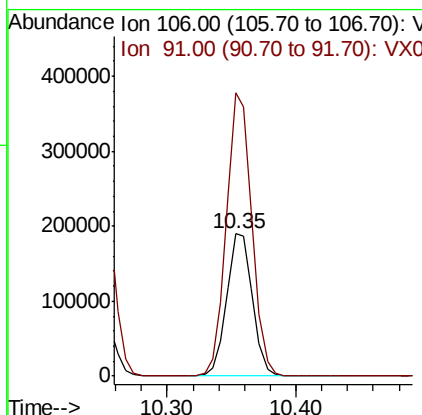
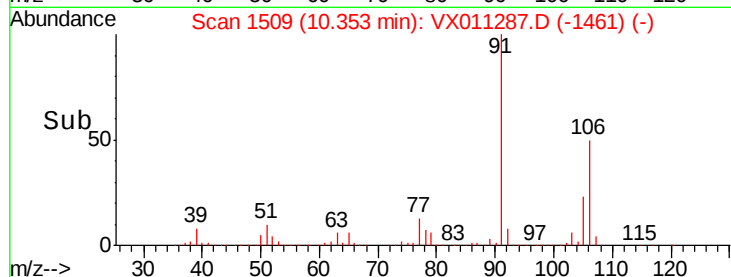
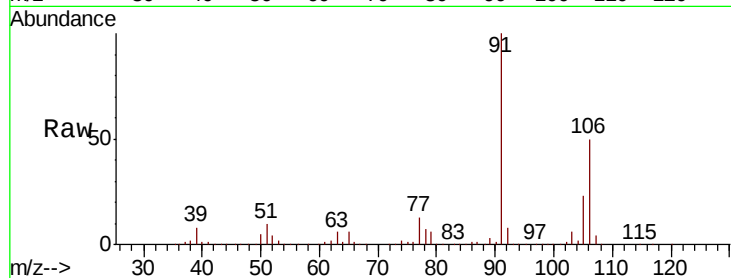




#68
m/p-Xylenes
Concen: 94.963 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

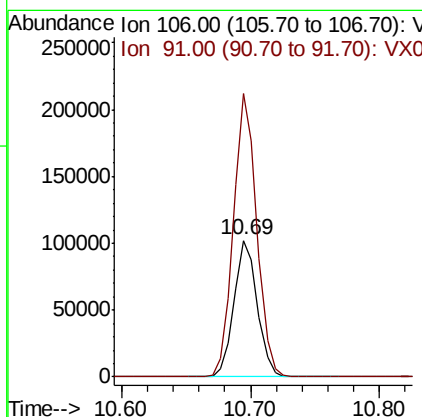
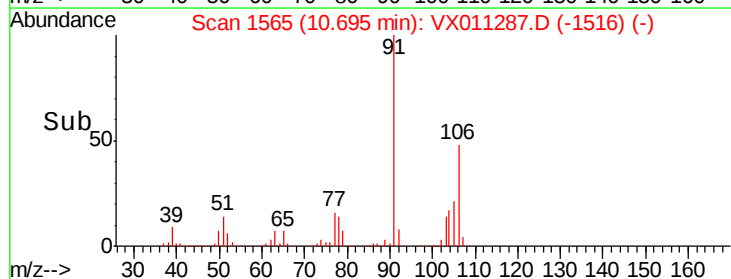
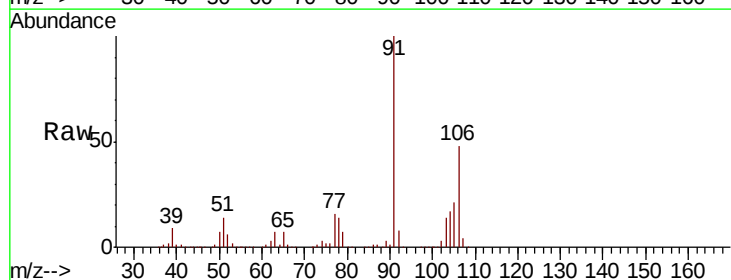
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

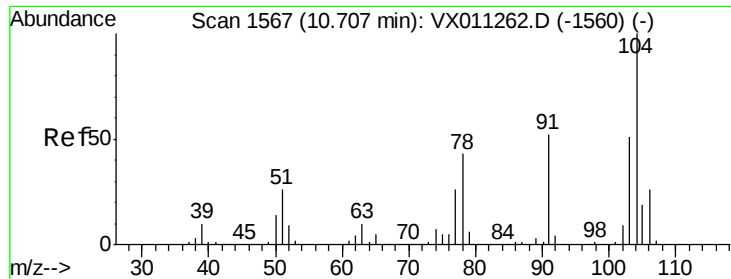
Tot Ion:106 Resp: 266317
Ion Ratio Lower Upper
106 100
91 197.1 155.9 233.9



#69
o-Xylene
Concen: 46.769 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion:106 Resp: 128870
Ion Ratio Lower Upper
106 100
91 207.9 103.8 311.3

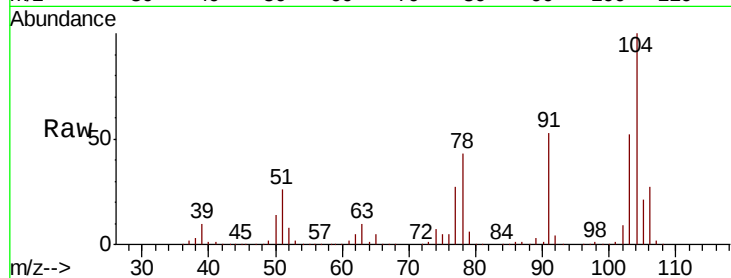




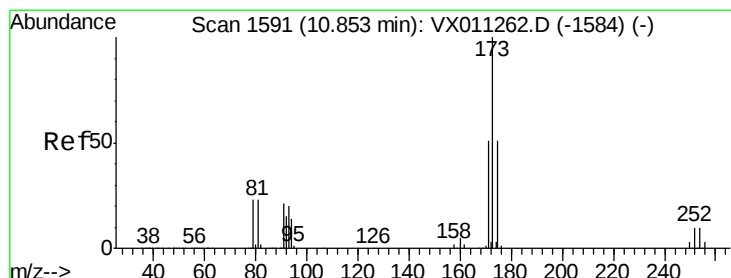
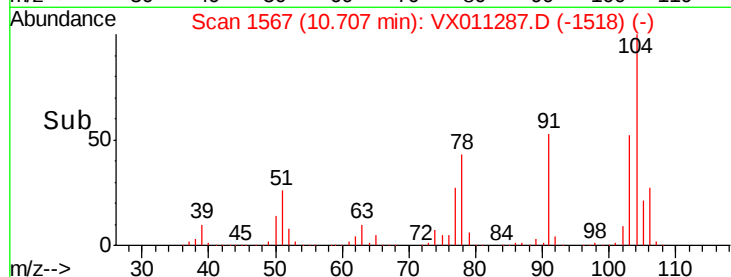
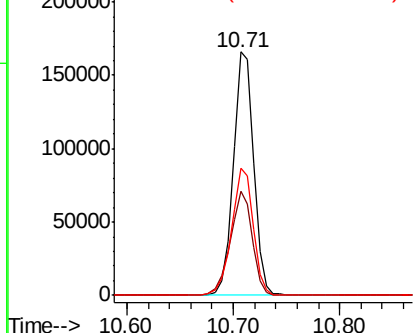
#70
Stvrene
Concen: 48.819 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

Tot Ion:104 Resp: 222579
Ion Ratio Lower Upper
104 100
78 46.0 36.9 55.3
103 55.3 44.4 66.6

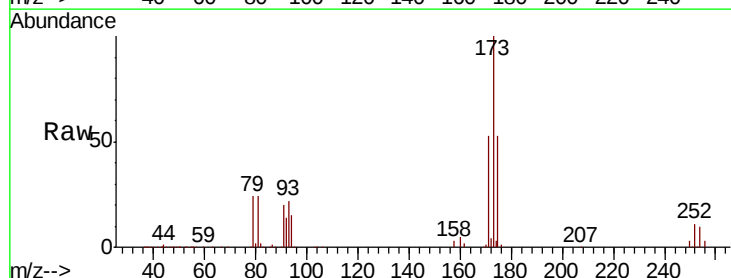


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

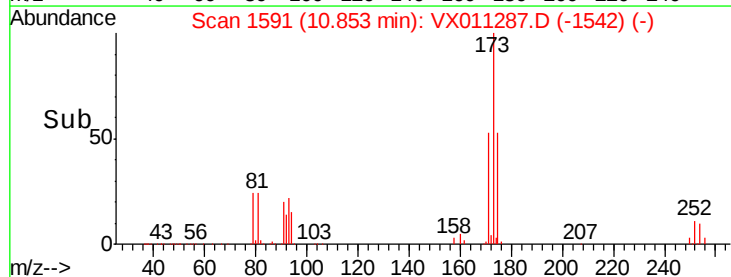
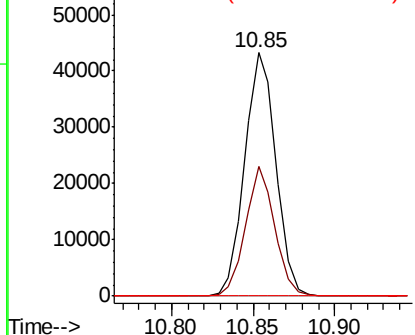


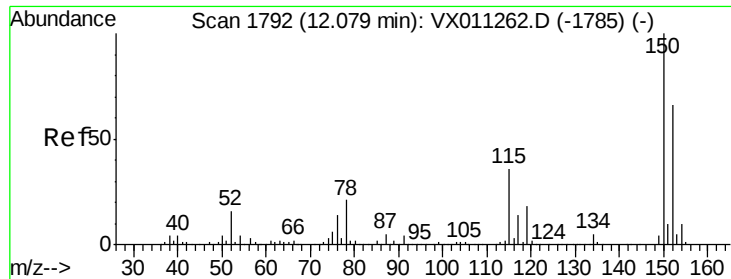
#71
Bromoform
Concen: 43.869 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion:173 Resp: 57648
Ion Ratio Lower Upper
173 100
175 50.0 24.4 73.4
254 0.0 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: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

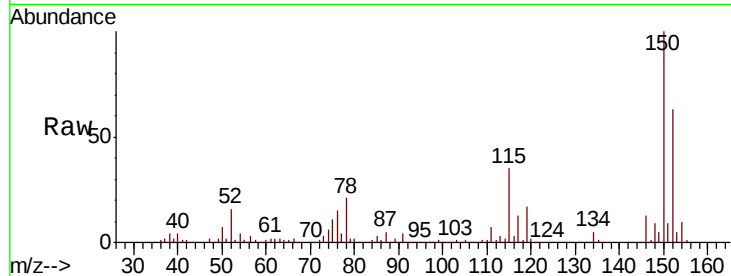
Tot Ion:152 Resp: 108177

Ion Ratio Lower Upper

152 100

115 77.5 40.0 119.9

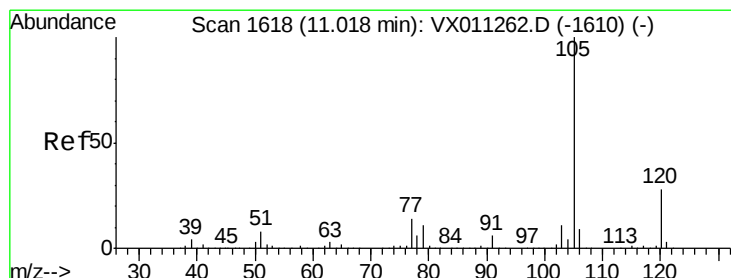
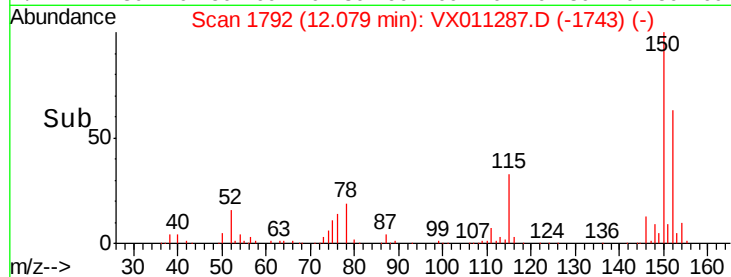
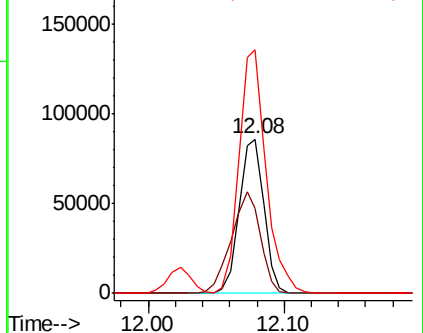
150 173.2 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 46.641 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011287.D

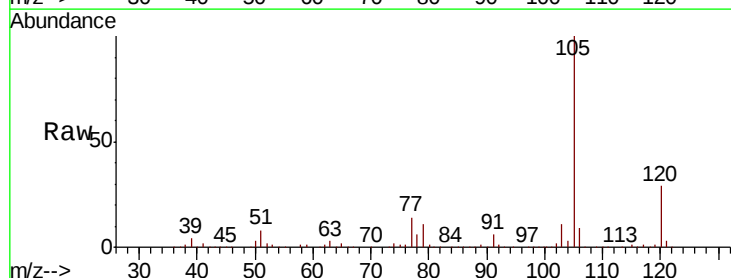
Acq: 02 Aug 2019 02:44

Tgt Ion:105 Resp: 345073

Ion Ratio Lower Upper

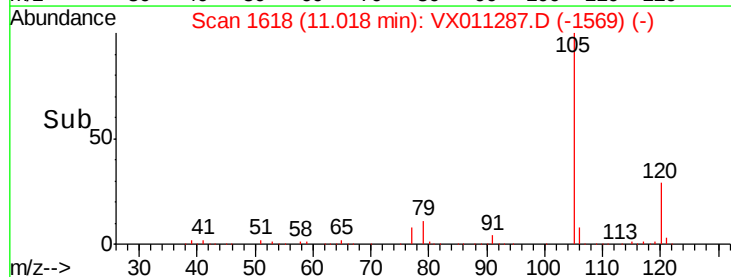
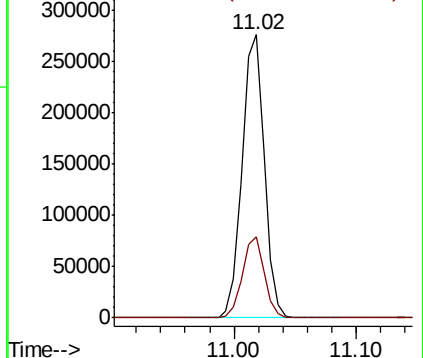
105 100

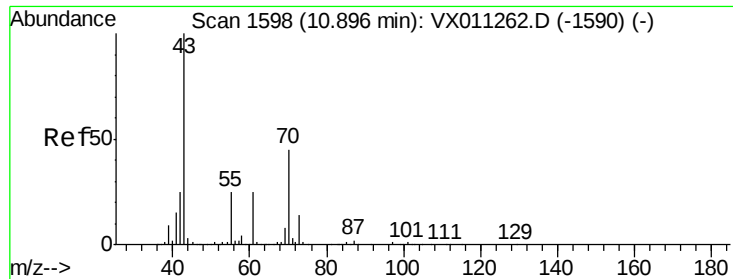
120 28.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 40.234 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

Tot Ion: 43 Resp: 107558

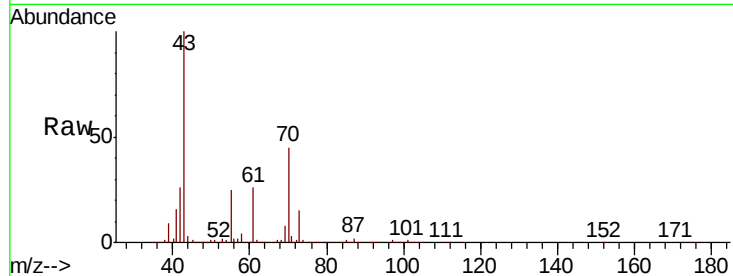
Ion Ratio Lower Upper

43 100

70 43.8 35.9 53.9

55 24.9 19.8 29.6

61 25.1 19.7 29.5

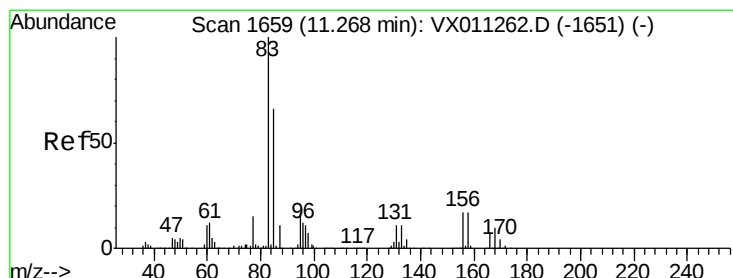
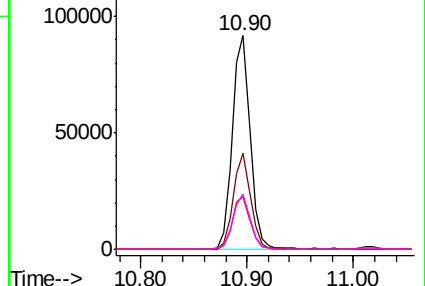
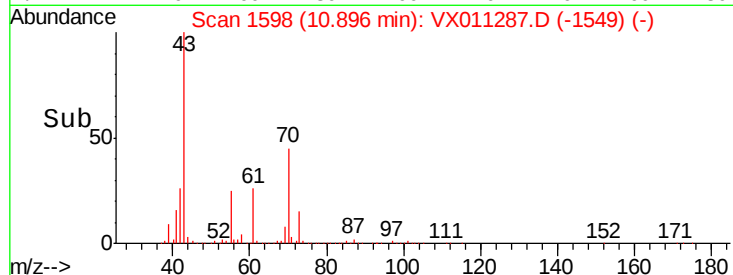


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.192 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

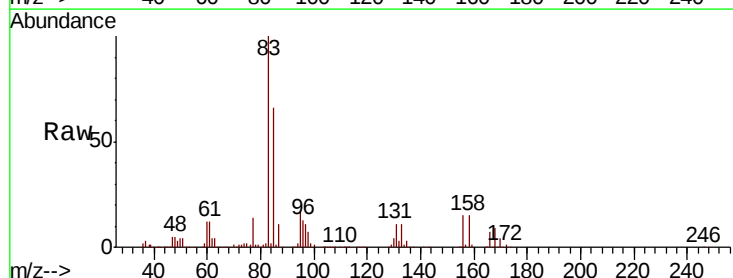
Tgt Ion: 83 Resp: 116354

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

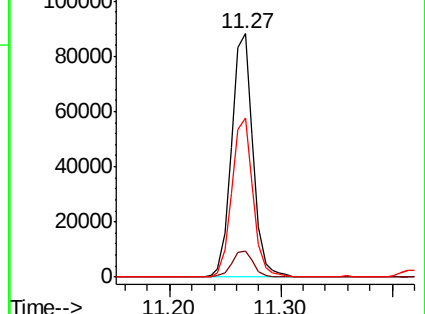
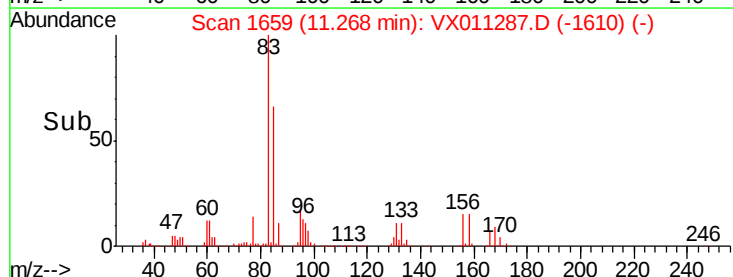
85 65.1 32.1 96.5

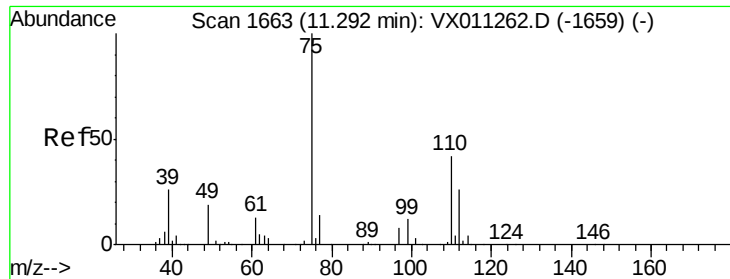


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

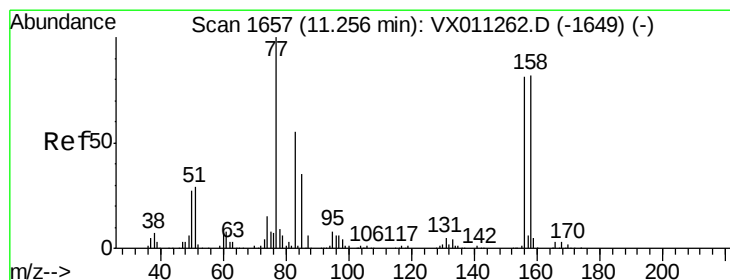
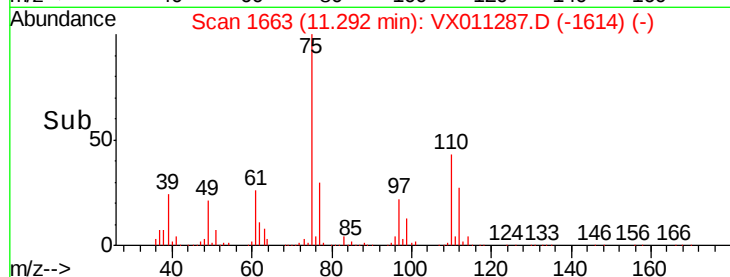
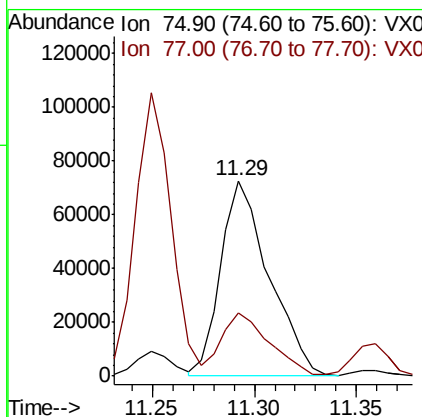
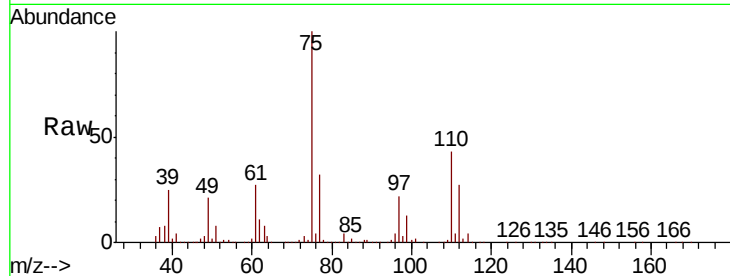




#76
 1,2,3-Trichloropropane
 Concen: 60.771 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

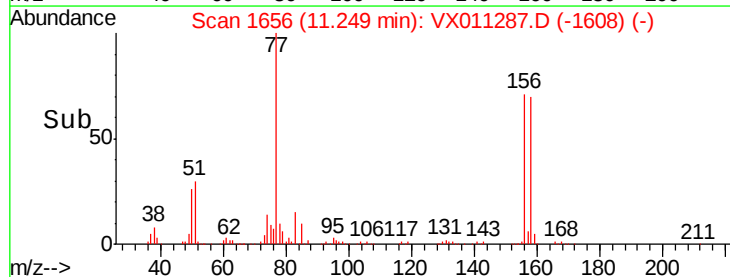
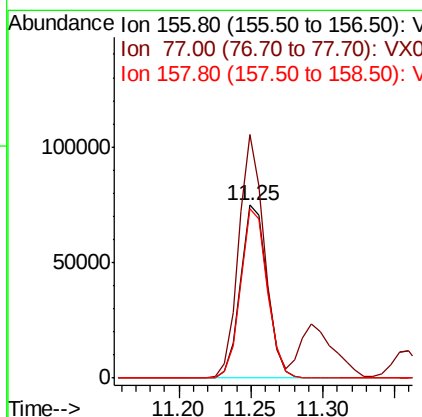
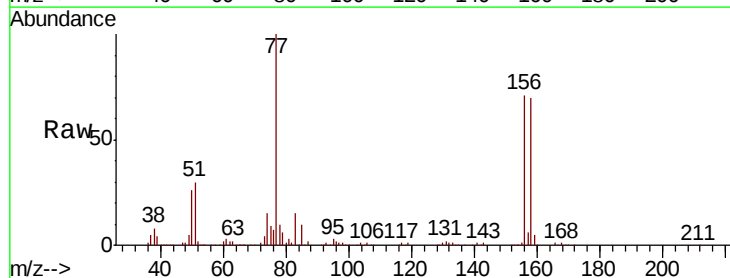
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

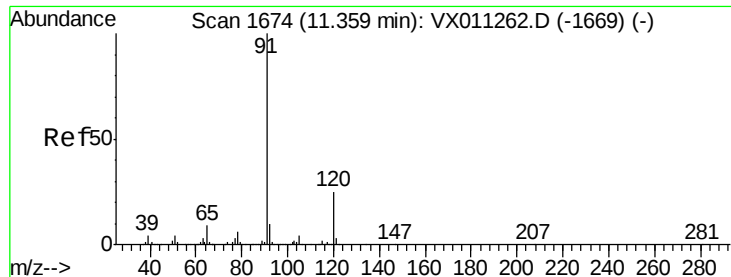
Tot Ion: 75 Resp: 119721
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.1 63.4



#77
 Bromobenzene
 Concen: 46.884 ug/l
 RT: 11.25 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion: 156 Resp: 96186
 Ion Ratio Lower Upper
 156 100
 77 134.2 66.2 198.6
 158 97.2 49.1 147.3





#78

n-propylbenzene

Concen: 46.985 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

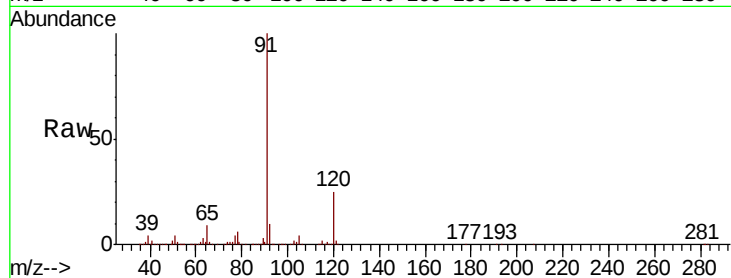
SA-MW127I-20190730MS

Tot Ion: 91 Resp: 386577

Ion Ratio Lower Upper

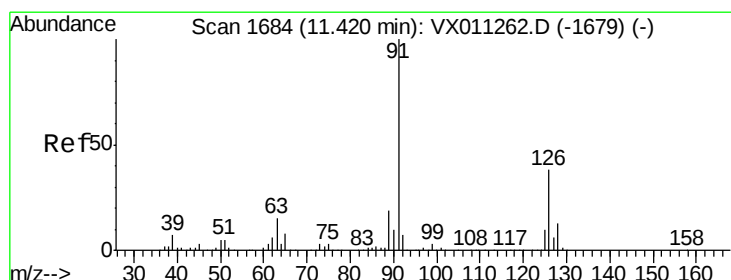
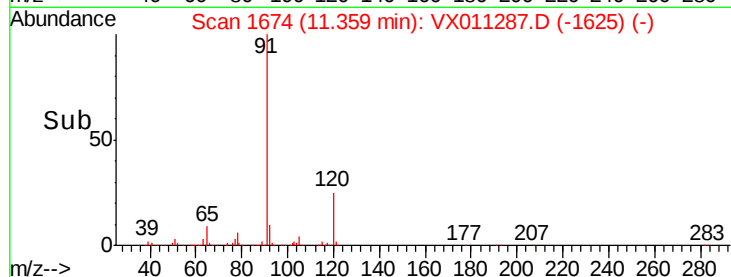
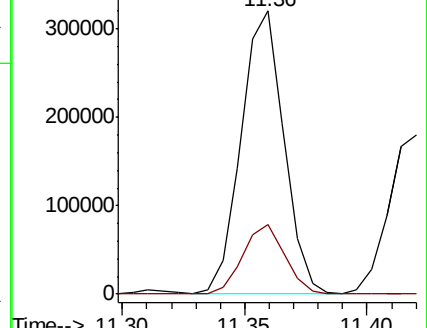
91 100

120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 46.583 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011287.D

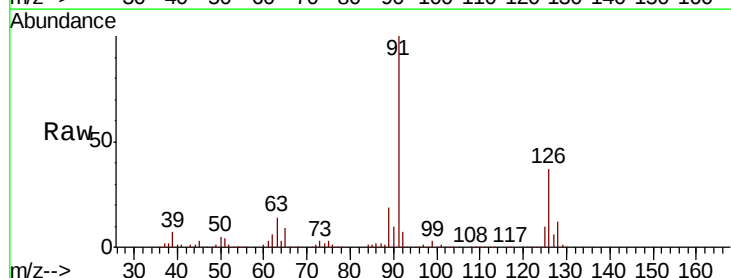
Acq: 02 Aug 2019 02:44

Tgt Ion: 91 Resp: 228441

Ion Ratio Lower Upper

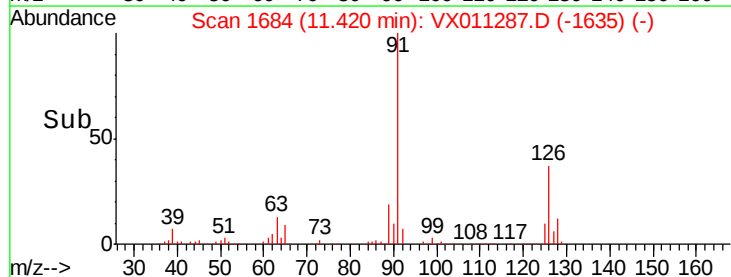
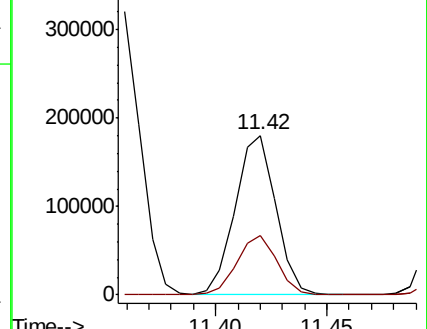
91 100

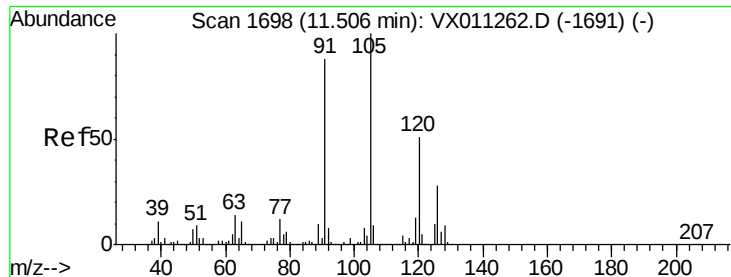
126 36.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

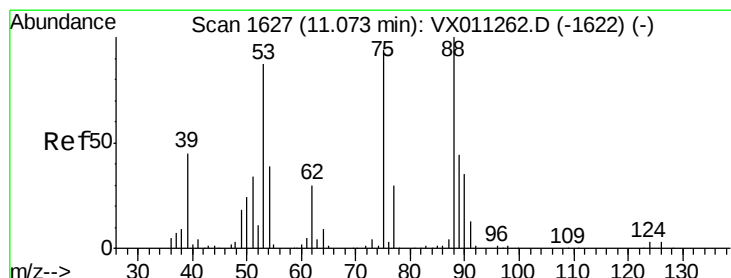
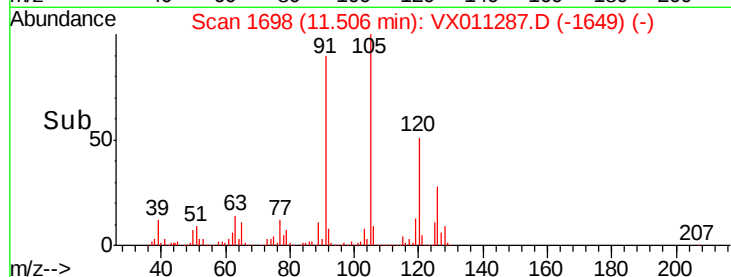
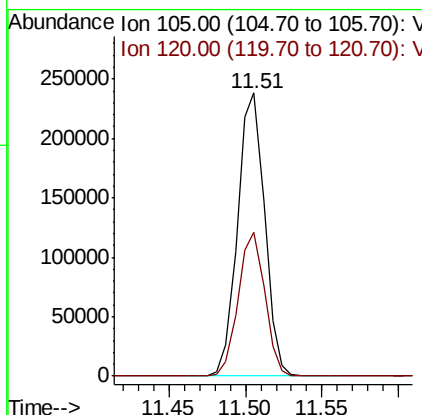
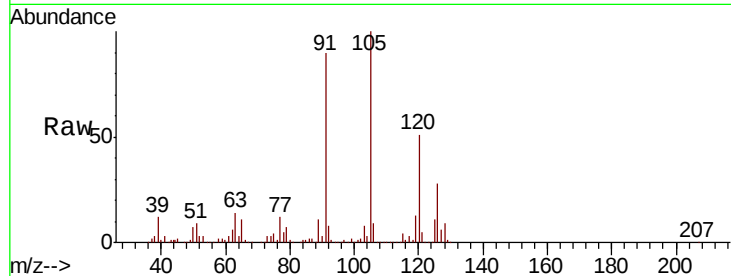




#80
 1,3,5-Trimethylbenzene
 Concen: 47.053 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

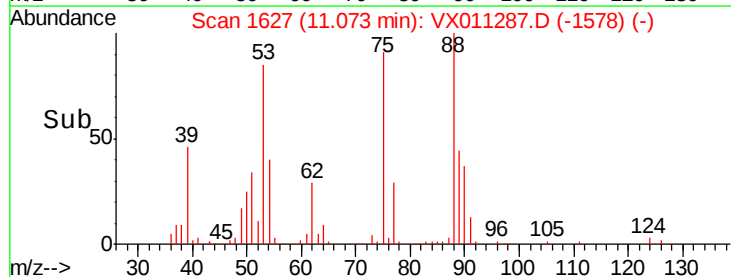
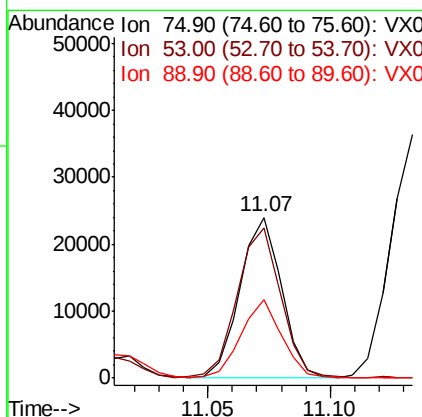
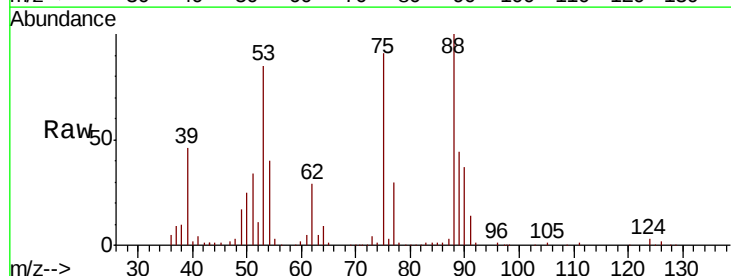
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

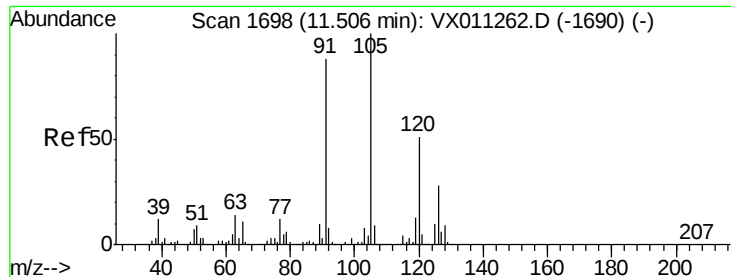
Tot Ion:105 Resp: 291417
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.614 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion: 75 Resp: 28463
 Ion Ratio Lower Upper
 75 100
 53 97.2 78.2 117.4
 89 48.2 37.9 56.9

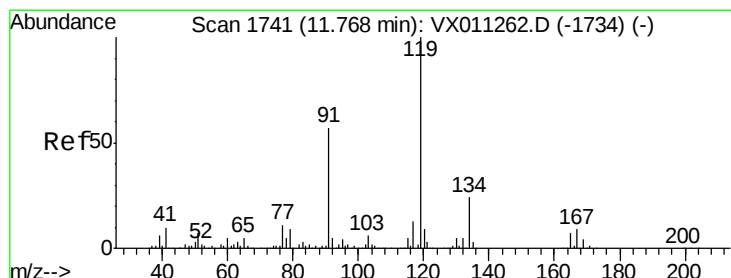
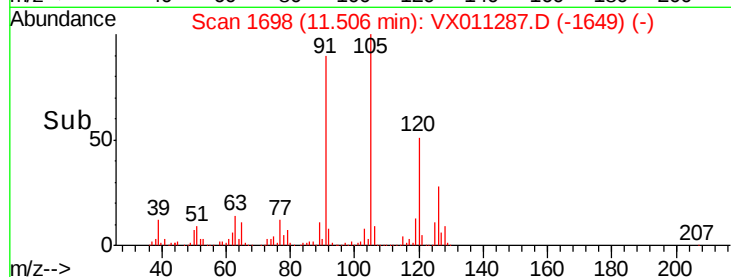
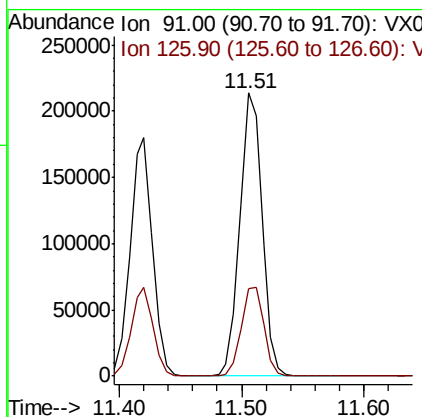
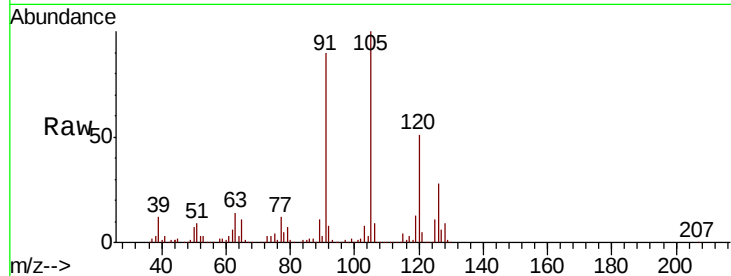




#82
4-Chlorotoluene
Concen: 46.914 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

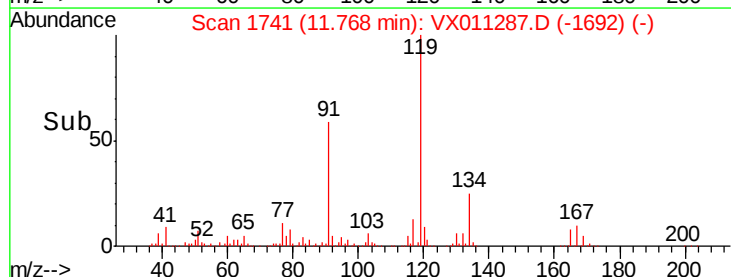
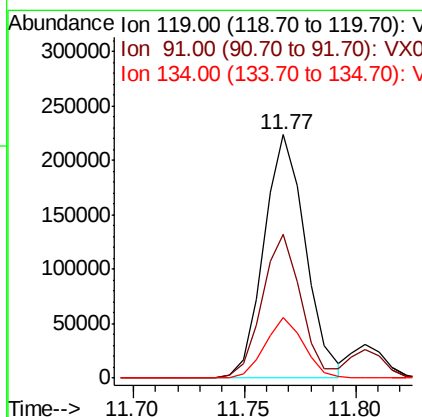
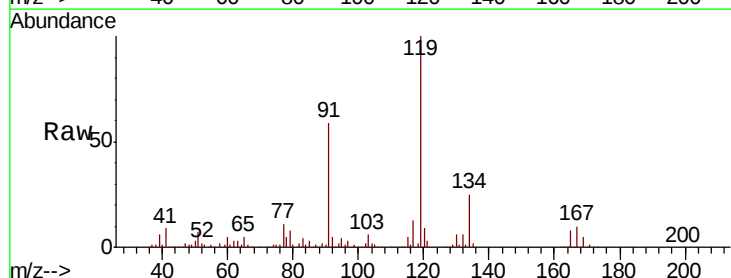
Instrument :
MSVOA_X
ClientSampleId :
SA-MW127I-20190730MS

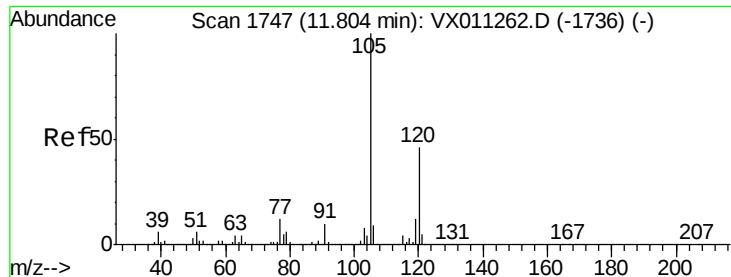
Tot Ion: 91 Resp: 268123
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.2



#83
tert-Butylbenzene
Concen: 47.659 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011287.D
Acq: 02 Aug 2019 02:44

Tgt Ion: 119 Resp: 289496
Ion Ratio Lower Upper
119 100
91 55.9 28.0 84.0
134 23.2 11.9 35.5

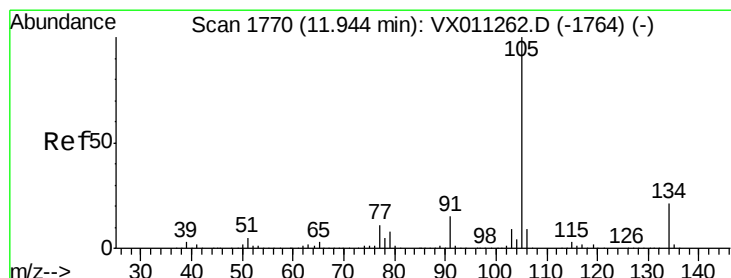
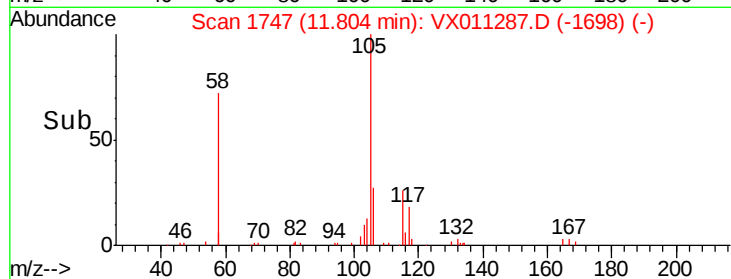
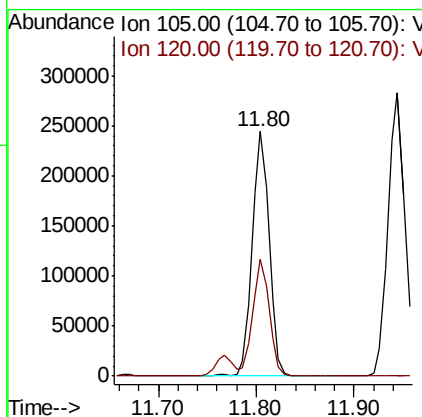
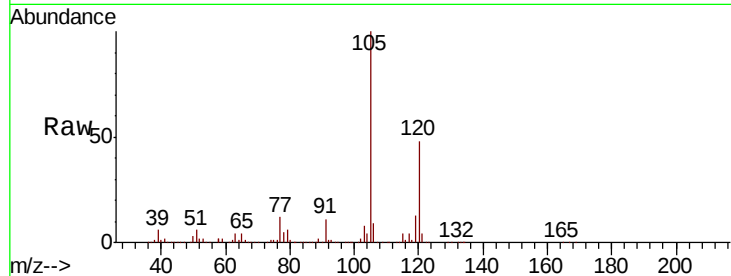




#84
 1,2,4-Trimethylbenzene
 Concen: 47.760 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

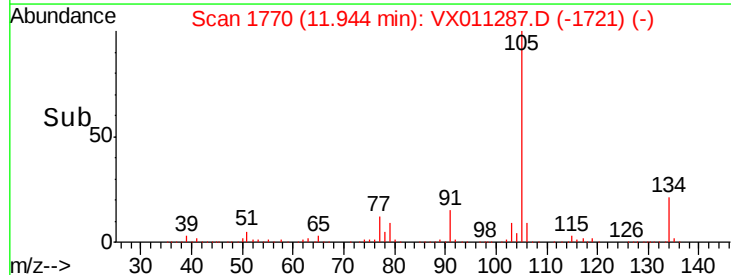
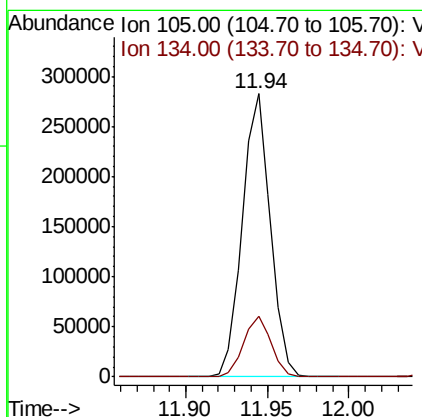
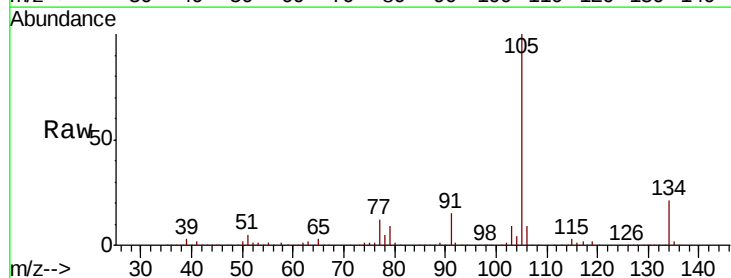
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

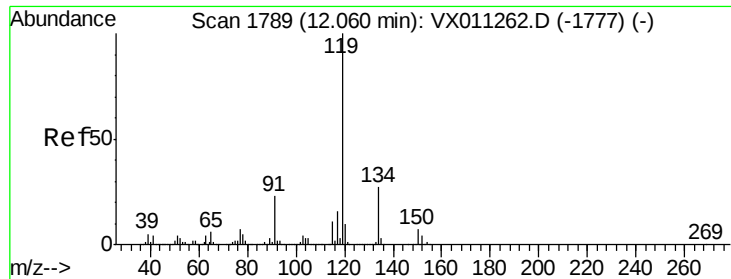
Tot Ion:105 Resp: 294503
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 46.271 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion:105 Resp: 337683
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.4

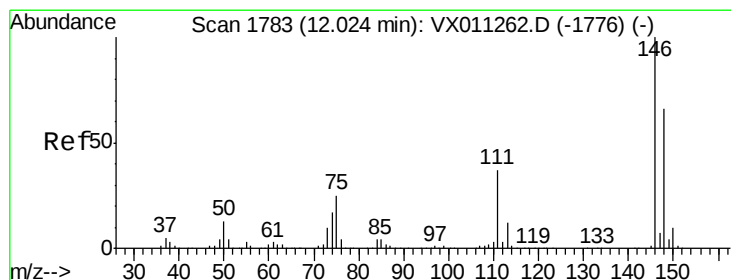
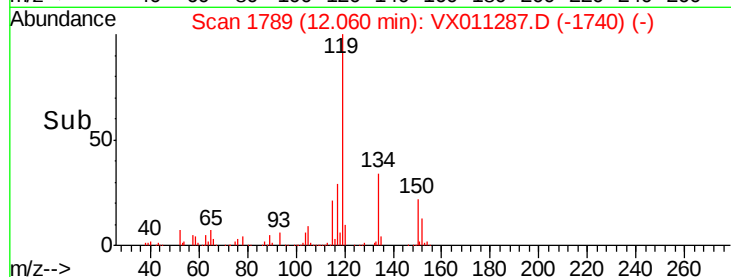
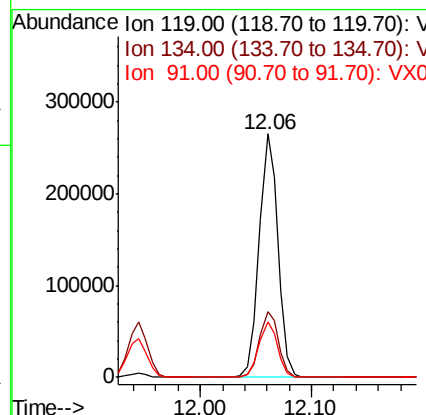
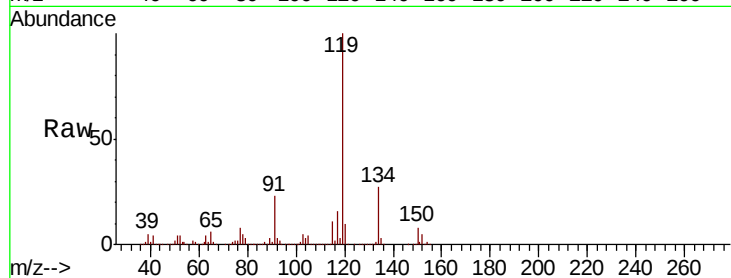




#86
 p-Isopropyltoluene
 Concen: 46.495 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

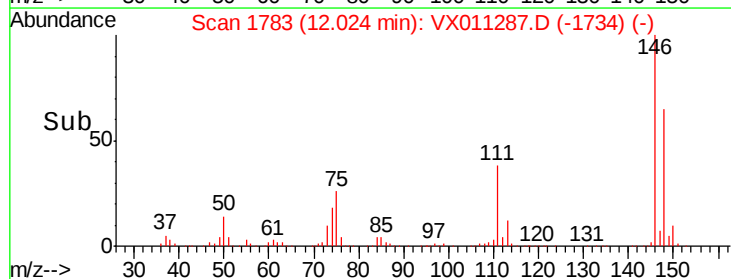
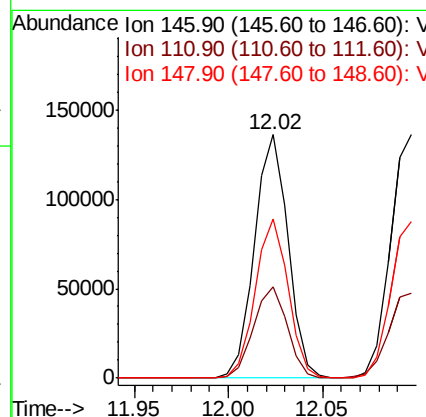
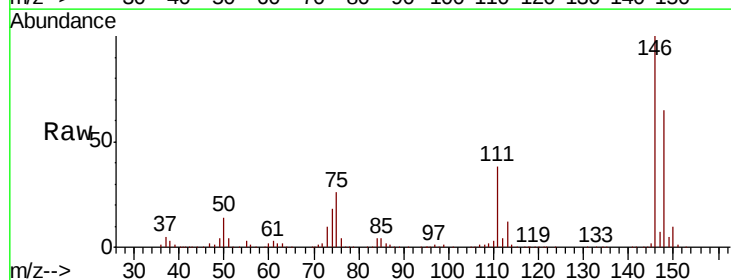
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

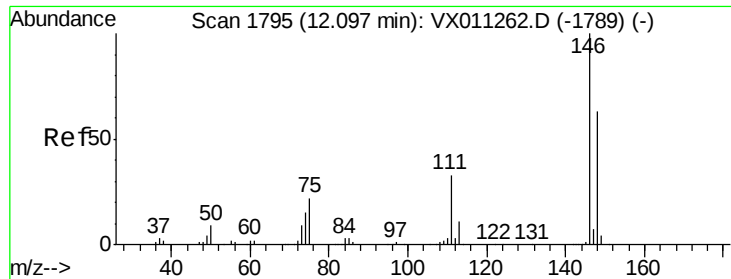
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.7	41.0
91	22.9	11.4	34.2



#87
 1,3-Dichlorobenzene
 Concen: 46.234 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.2	32.5	97.5





#88

1,4-Dichlorobenzene

Concen: 45.120 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

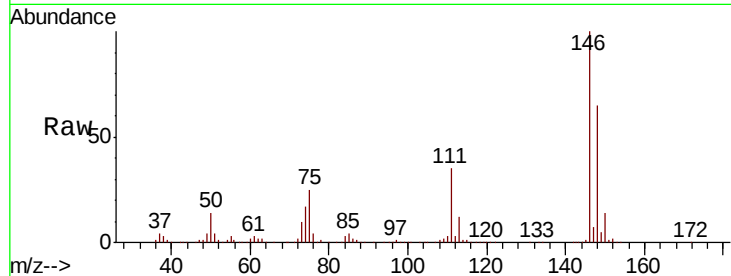
Tot Ion:146 Resp: 168654

Ion Ratio Lower Upper

146 100

111 36.6 17.8 53.4

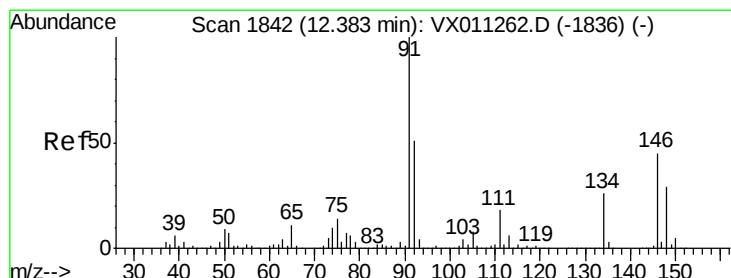
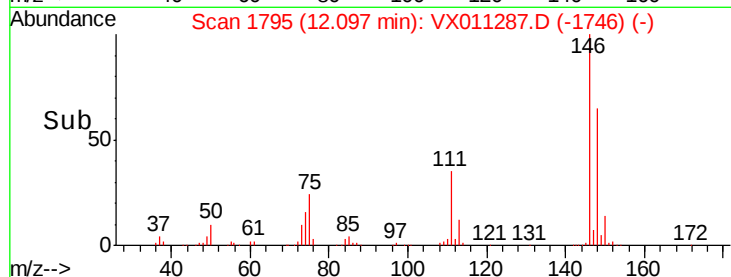
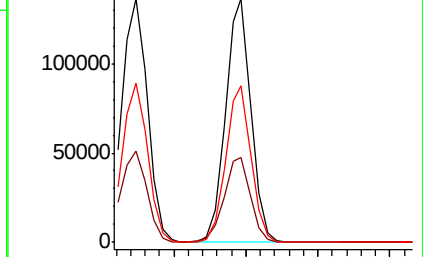
148 64.4 31.8 95.3



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



#89

n-Butylbenzene

Concen: 45.657 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

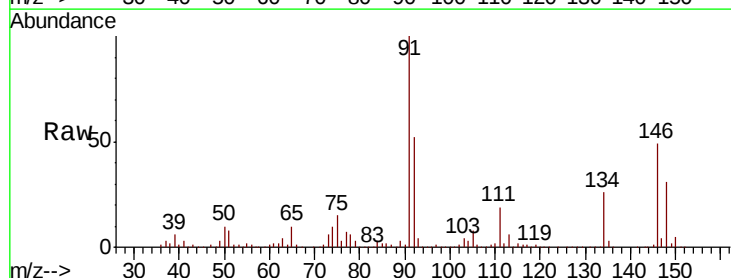
Tgt Ion: 91 Resp: 264090

Ion Ratio Lower Upper

91 100

92 51.8 25.8 77.3

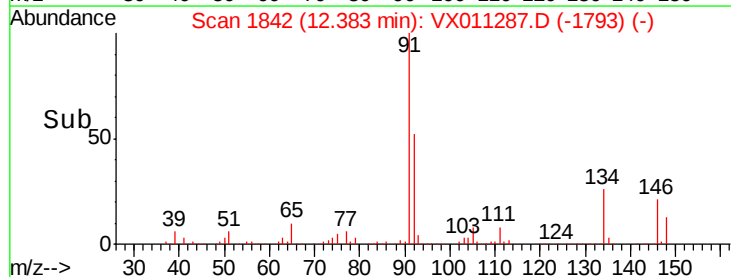
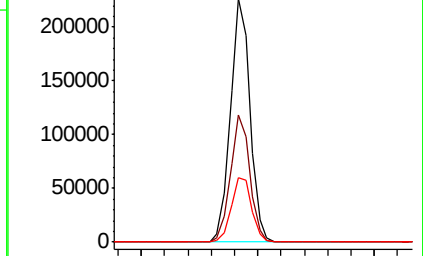
134 27.6 13.7 41.0

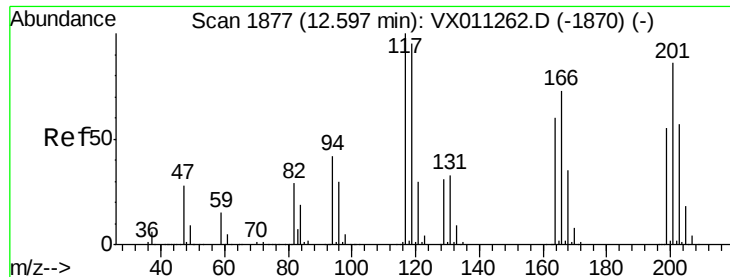


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 48.267 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

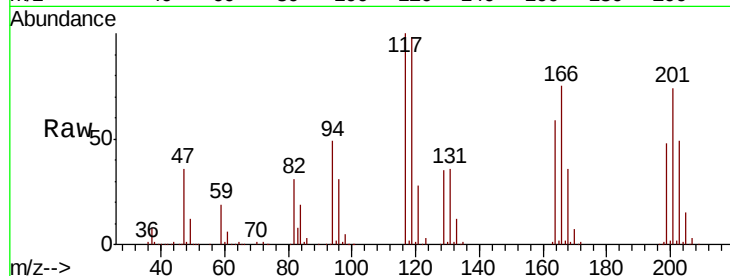
SA-MW127I-20190730MS

Tot Ion:117 Resp: 47910

Ion Ratio Lower Upper

117 100

201 84.8 41.8 125.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

40000

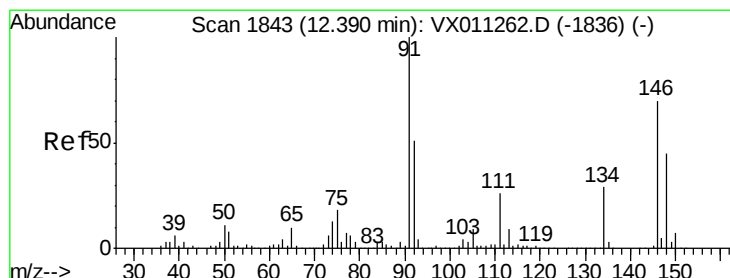
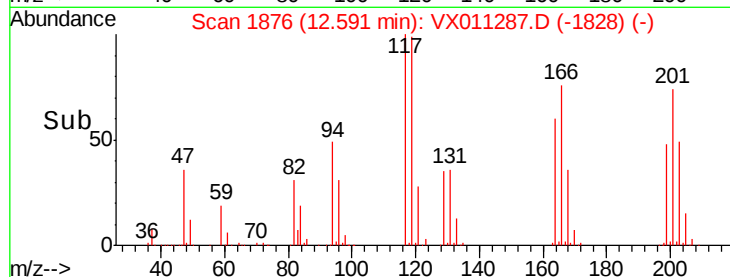
30000

20000

10000

0

Time--> 12.50 12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 46.715 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

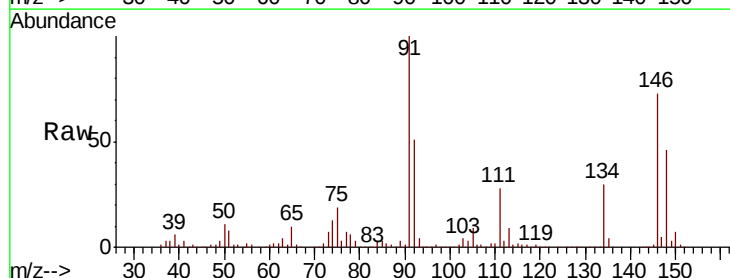
Tgt Ion:146 Resp: 170147

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

148 63.6 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

12.39

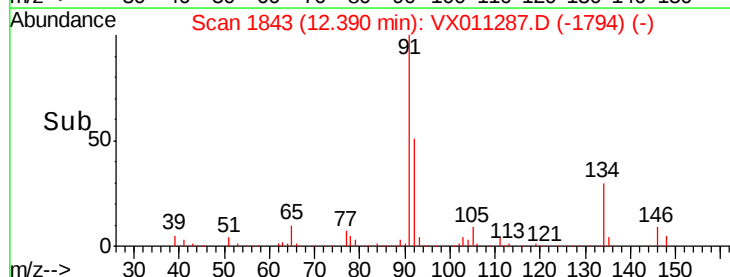
150000

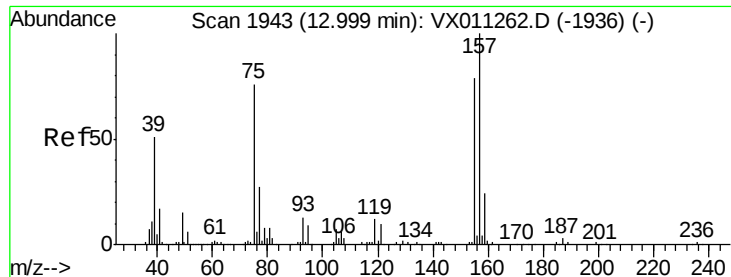
100000

50000

0

Time--> 12.30 12.40





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.248 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

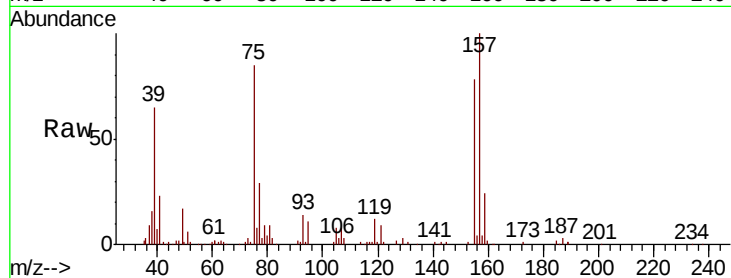
Tot Ion: 75 Resp: 23047

Ion Ratio Lower Upper

75 100

155 101.7 51.9 155.8

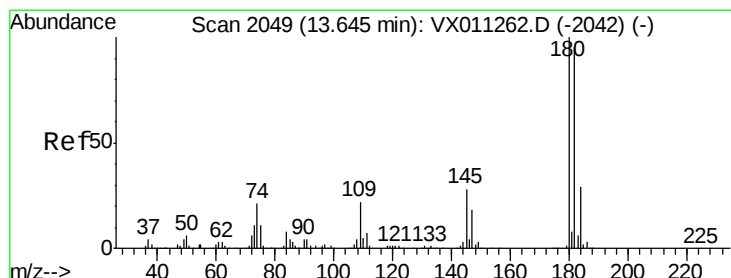
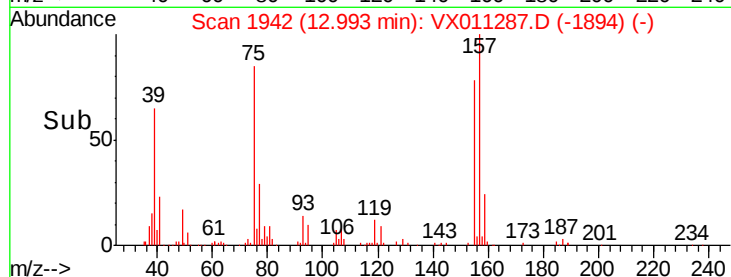
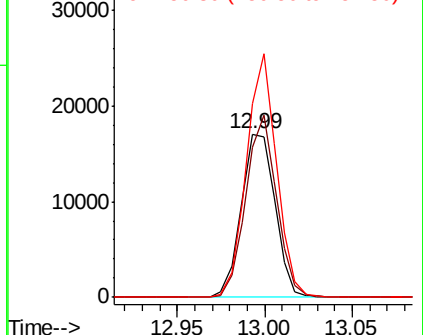
157 132.1 64.3 192.7



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: 45.252 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

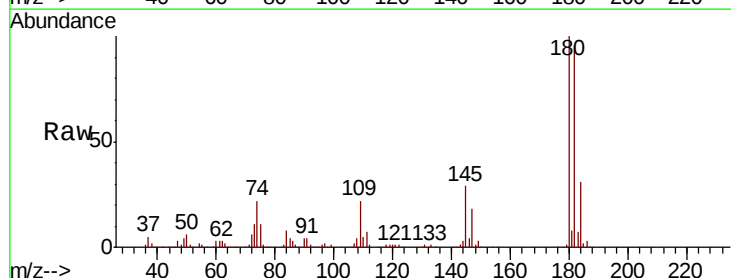
Tgt Ion:180 Resp: 109306

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.4

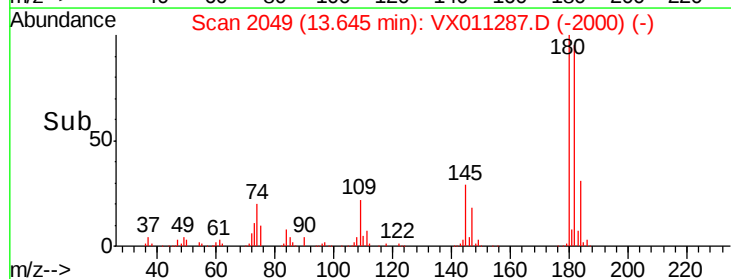
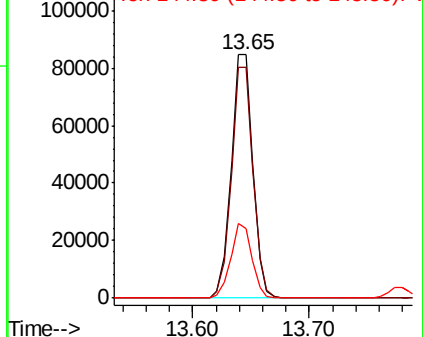
145 29.9 14.8 44.3

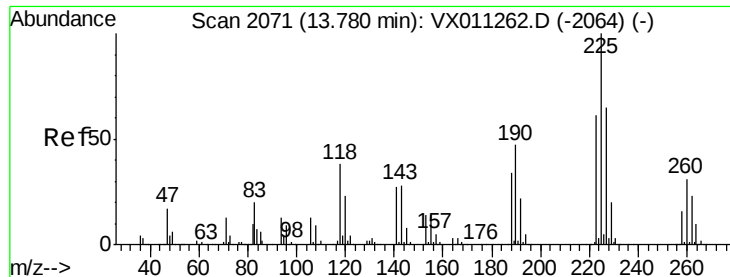


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 43.909 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190730MS

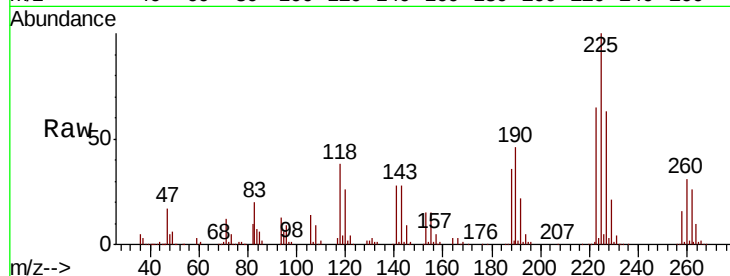
Tot Ion:225 Resp: 53811

Ion Ratio Lower Upper

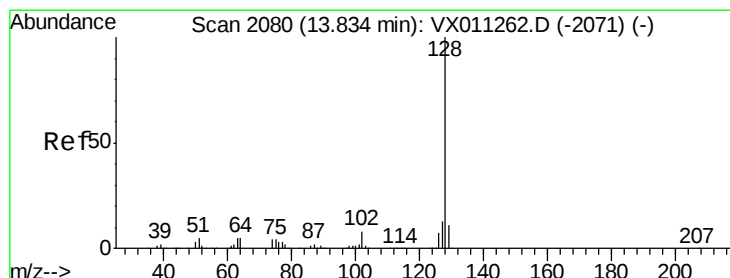
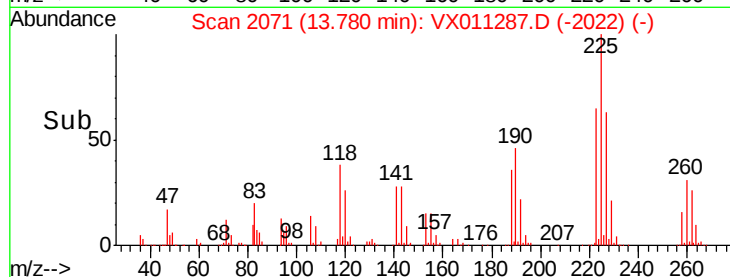
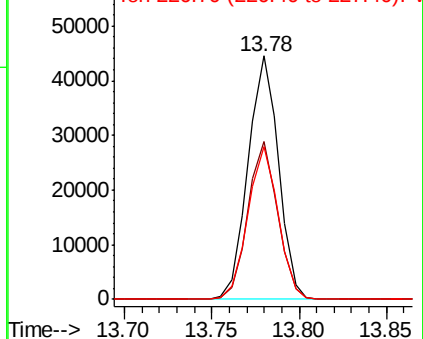
225 100

223 63.2 31.0 93.0

227 62.3 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: 48.085 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011287.D

Acq: 02 Aug 2019 02:44

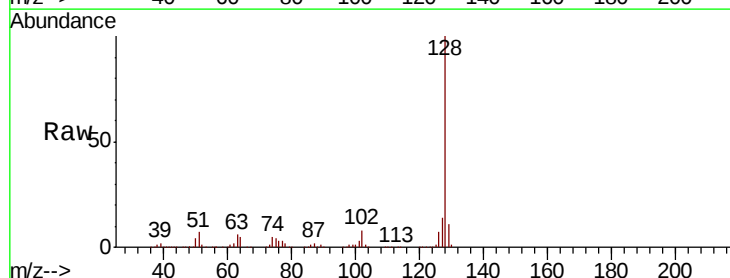
Tgt Ion:128 Resp: 339660

Ion Ratio Lower Upper

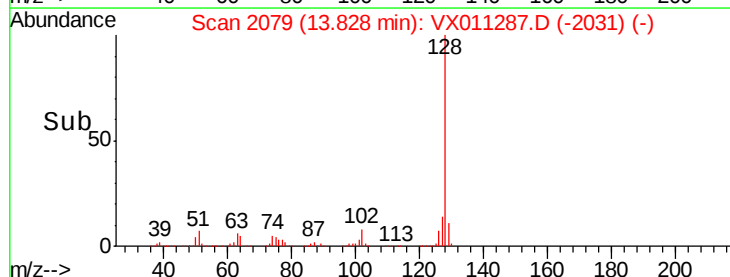
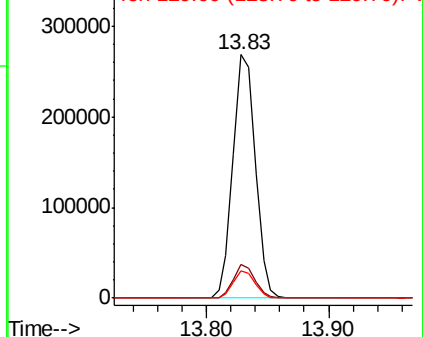
128 100

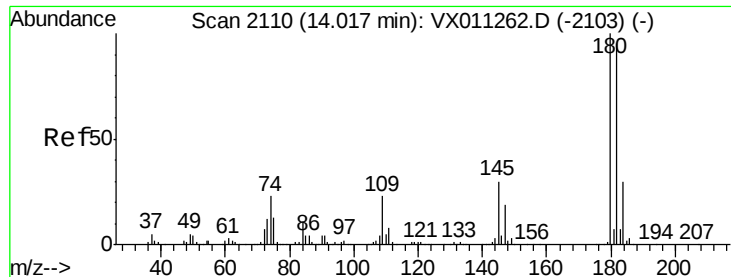
127 13.2 10.4 15.6

129 10.9 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

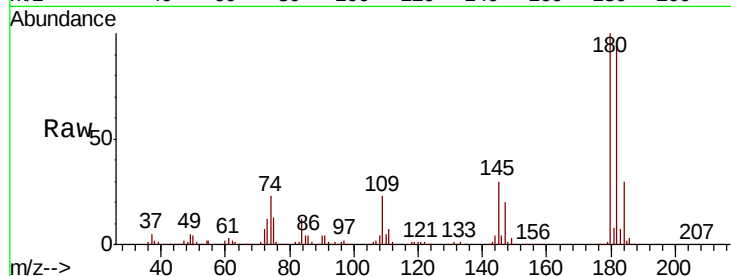




#96
 1,2,3-Trichlorobenzene
 Concen: 46.527 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011287.D
 Acq: 02 Aug 2019 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.4	142.3
145	30.2	15.2	45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

