

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011157.D
 Acq On : 29 Jul 2019 19:42
 Operator : JC/SP
 Sample : K4026-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681MS

Quant Time: Jul 30 05:09:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	266117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137896	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	91524	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	82853	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	303815	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.13	95	116365	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86076	45.677	ug/l	97
3) Chloromethane	1.32	50	73703	45.304	ug/l	100
4) Vinyl Chloride	1.41	62	100250	60.414	ug/l	99
5) Bromomethane	1.64	94	37069	39.642	ug/l	98
6) Chloroethane	1.71	64	59377	56.307	ug/l	95
7) Trichlorofluoromethane	1.92	101	144560	51.464	ug/l	98
8) Diethyl Ether	2.19	74	49397	51.040	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79988	49.873	ug/l	98
10) Methyl Iodide	2.51	142	73614	34.976	ug/l	99
11) Tert butyl alcohol	3.05	59	92356	210.708	ug/l	100
12) 1,1-Dichloroethene	2.37	96	77424	49.134	ug/l	97
13) Acrolein	2.29	56	53798	212.437	ug/l	99
14) Allyl chloride	2.73	41	113908	49.766	ug/l	99
15) Acrylonitrile	3.14	53	233138	263.226	ug/l	99
16) Acetone	2.45	43	187439	220.510	ug/l	99
17) Carbon Disulfide	2.57	76	173095	42.823	ug/l	100
18) Methyl Acetate	2.78	43	104843	54.168	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	264926	52.225	ug/l	97
20) Methylene Chloride	2.85	84	88807	49.299	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	84161	50.336	ug/l	96
22) Diisopropyl ether	3.85	45	252327	52.270	ug/l	97
23) Vinyl Acetate	3.81	43	1032490	252.428	ug/l	99
24) 1,1-Dichloroethane	3.70	63	143522	51.193	ug/l	99
25) 2-Butanone	4.67	43	310422	254.402	ug/l	99
26) 2,2-Dichloropropane	4.58	77	105630	45.887	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	108852	56.253	ug/l	97
28) Bromochloromethane	5.01	49	66734	50.513	ug/l	97
29) Tetrahydrofuran	5.13	42	200600	259.534	ug/l	99
30) Chloroform	5.21	83	155703	51.382	ug/l	98
31) Cyclohexane	5.58	56	121871	47.692	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	135180	51.562	ug/l	98
36) 1,1-Dichloropropene	5.80	75	109459	50.075	ug/l	98
37) Ethyl Acetate	4.84	43	114346	51.086	ug/l	99
38) Carbon Tetrachloride	5.79	117	118046	51.824	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134159	47.327	ug/l	98
40) Benzene	6.14	78	338721	50.586	ug/l	100
41) Methacrylonitrile	5.04	41	64730	50.943	ug/l	98
42) 1,2-Dichloroethane	6.19	62	121081	52.008	ug/l	99
43) Isopropyl Acetate	6.45	43	185719	50.461	ug/l	99
44) Trichloroethene	7.21	130	98195	49.543	ug/l	93
45) 1,2-Dichloropropane	7.51	63	87357	51.259	ug/l	98
46) Dibromomethane	7.66	93	62643	51.440	ug/l	99
47) Bromodichloromethane	7.90	83	118517	54.673	ug/l	98
48) Methyl methacrylate	7.77	41	95235	53.117	ug/l	96
49) 1,4-Dioxane	7.74	88	44160	880.513	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	652608	273.537	ug/l	100
52) Toluene	8.78	92	221957	50.459	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	122242	52.444	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	133946	51.643	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95837	52.915	ug/l	98
56) Ethyl methacrylate	9.18	69	143501	54.166	ug/l	99
57) 1,3-Dichloropropane	9.37	76	150430	52.357	ug/l	98
59) 2-Hexanone	9.49	43	508801	274.957	ug/l	99
60) Dibromochloromethane	9.58	129	103949	49.876	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101691	52.906	ug/l	99
64) Tetrachloroethene	9.34	164	85872	43.787	ug/l	98
65) Chlorobenzene	10.13	112	254753	49.754	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	95111	52.853	ug/l	98
67) Ethyl Benzene	10.25	91	442292	50.749	ug/l	99
68) m/p-Xylenes	10.36	106	339934	101.682	ug/l	100
69) o-Xylene	10.69	106	165611	50.759	ug/l	99
70) Stvrene	10.71	104	286098	52.602	ug/l	99
71) Bromoform	10.85	173	79577	48.640	ug/l #	98
73) Isopropylbenzene	11.02	105	454433	48.771	ug/l	100
74) N-amyl acetate	10.90	43	171729	48.236	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	155296	50.929	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	166080	66.742	ug/l	83
77) Bromobenzene	11.26	156	124464	48.427	ug/l	99
78) n-propylbenzene	11.36	91	509487	49.488	ug/l	100
79) 2-Chlorotoluene	11.42	91	302649	48.936	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	387554	49.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41079	42.475	ug/l	98
82) 4-Chlorotoluene	11.51	91	355046	49.324	ug/l	100
83) tert-Butylbenzene	11.77	119	393110	51.403	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	389007	49.572	ug/l	99
85) sec-Butylbenzene	11.94	105	451867	50.426	ug/l	99
86) p-Isopropyltoluene	12.06	119	420084	50.708	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219835	49.288	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	222518	48.644	ug/l	99
89) n-Butylbenzene	12.38	91	359582	50.734	ug/l	100
90) Hexachloroethane	12.60	117	65971	50.488	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	221677	50.148	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32239	50.580	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	150305	50.173	ug/l	99

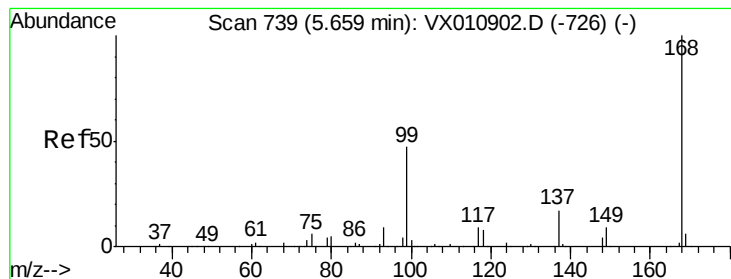
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	75540	50.884	ug/l	98
95) Naphthalene	13.83	128	477941	54.027	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	153797	51.597	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

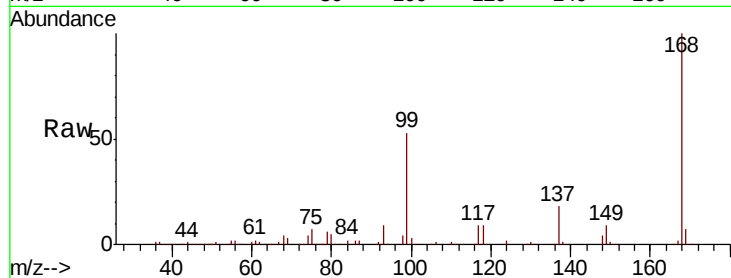
Z3-0681MS

Tot Ion:168 Resp: 176910

Ion Ratio Lower Upper

168 100

99 52.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

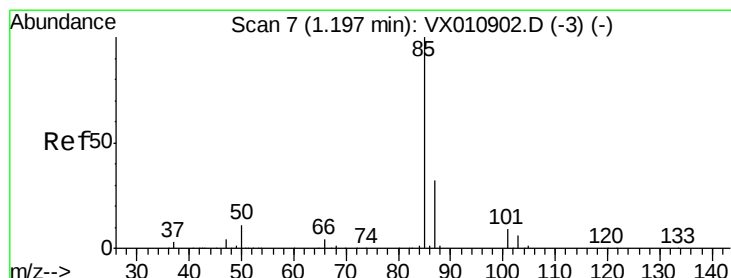
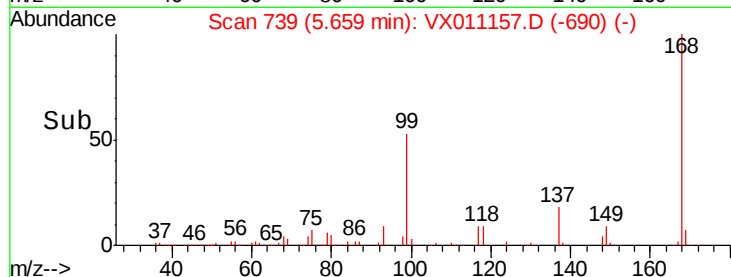
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.677 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011157.D

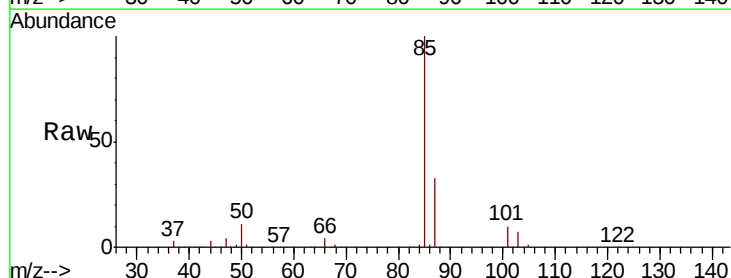
Acq: 29 Jul 2019 19:42

Tgt Ion: 85 Resp: 86076

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

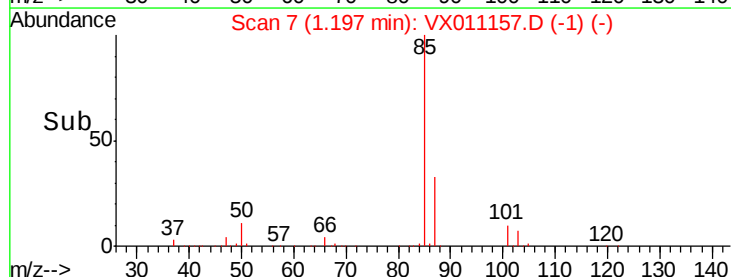
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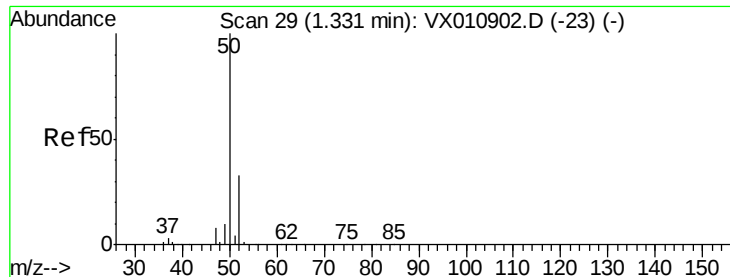
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.304 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

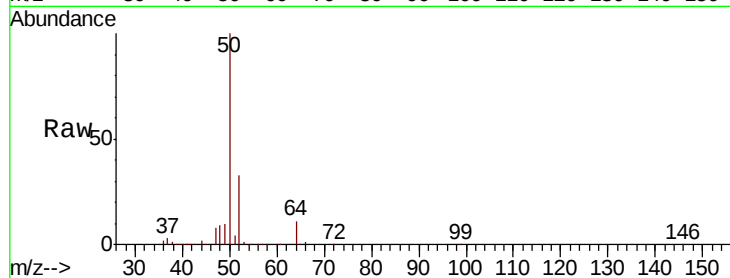
Z3-0681MS

Tot Ion: 50 Resp: 73703

Ion Ratio Lower Upper

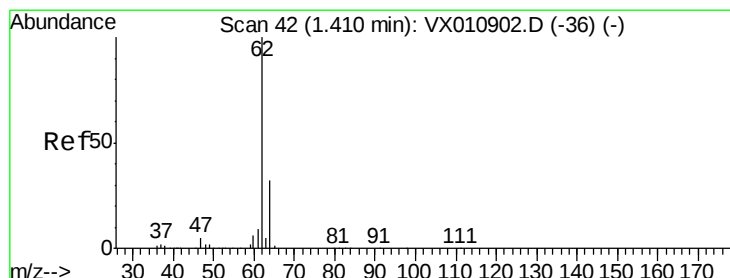
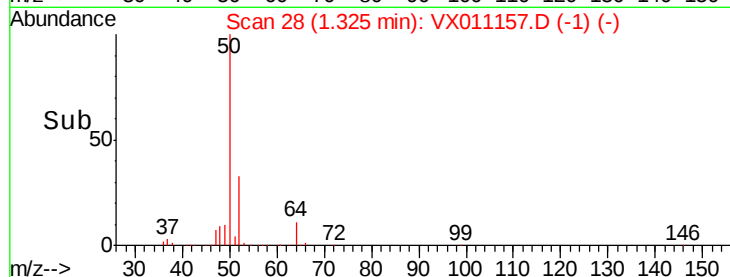
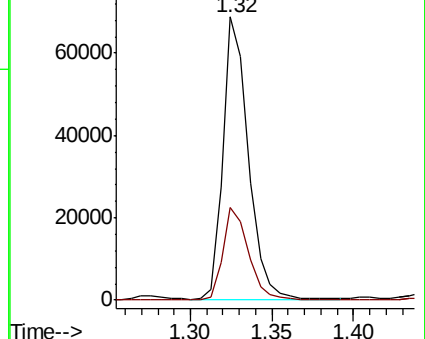
50 100

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: 60.414 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011157.D

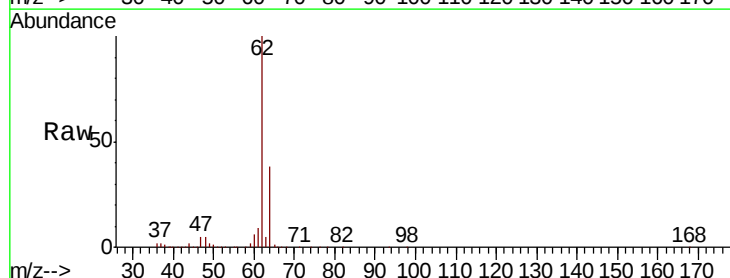
Acq: 29 Jul 2019 19:42

Tgt Ion: 62 Resp: 100250

Ion Ratio Lower Upper

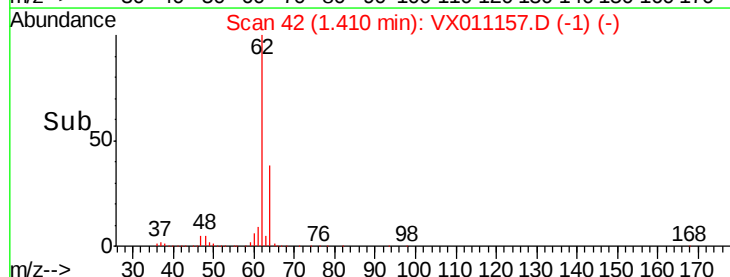
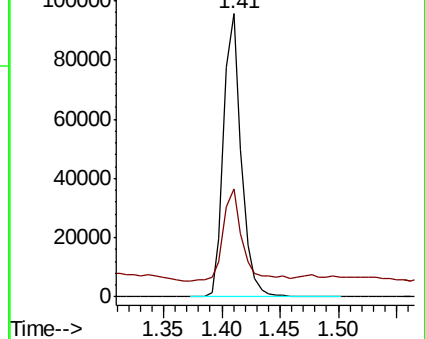
62 100

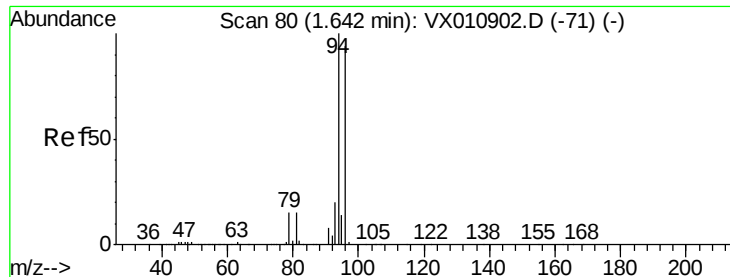
64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.642 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

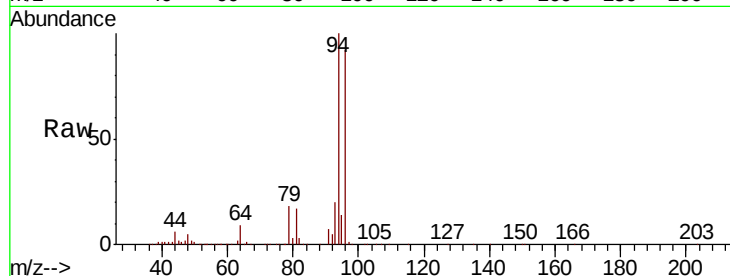
Z3-0681MS

Tot Ion: 94 Resp: 37069

Ion Ratio Lower Upper

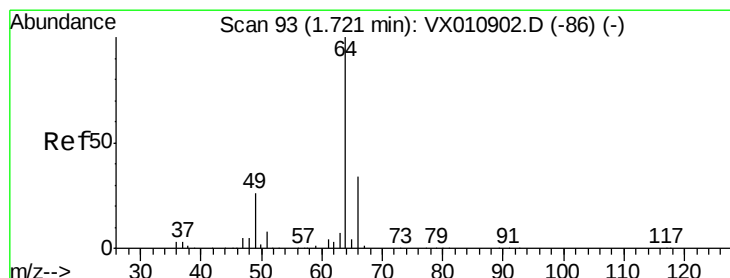
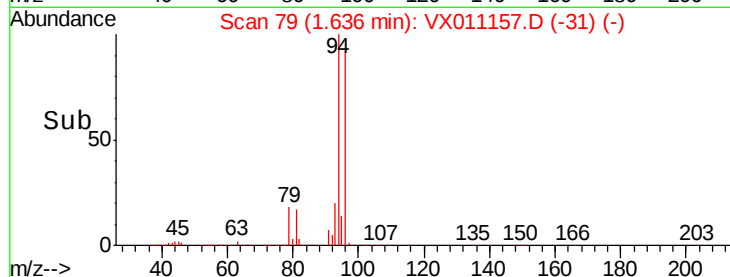
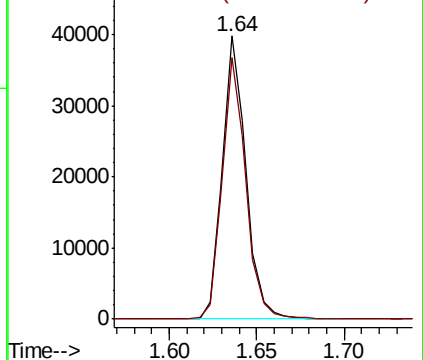
94 100

96 92.3 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.307 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011157.D

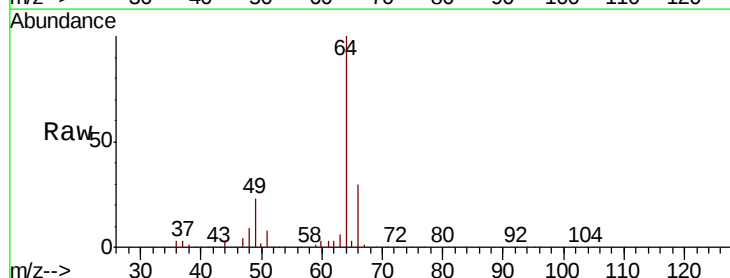
Acq: 29 Jul 2019 19:42

Tgt Ion: 64 Resp: 59377

Ion Ratio Lower Upper

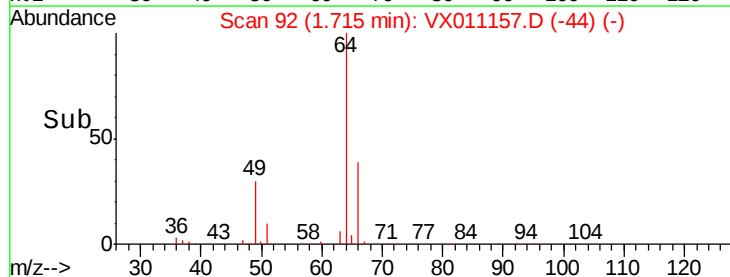
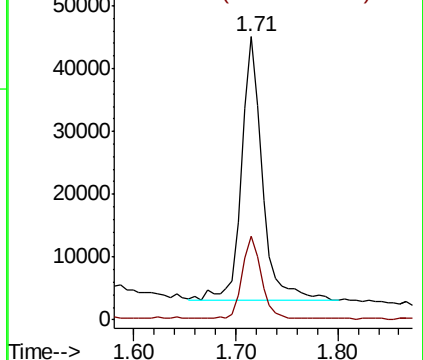
64 100

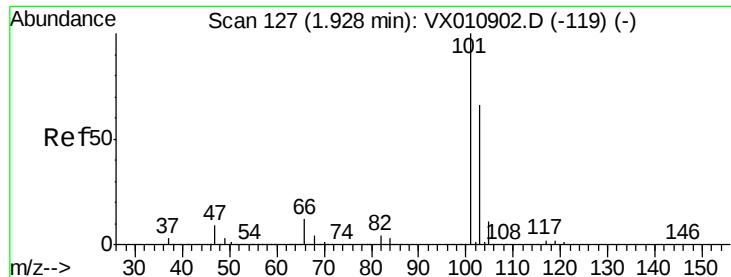
66 31.1 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



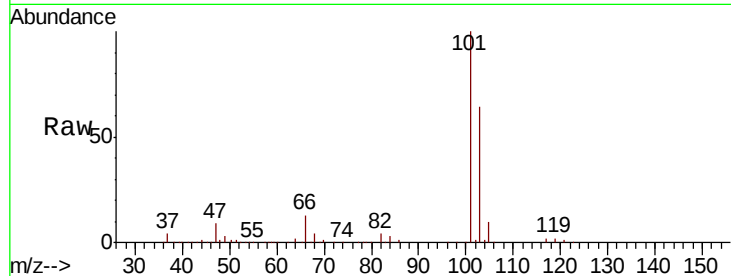


#7

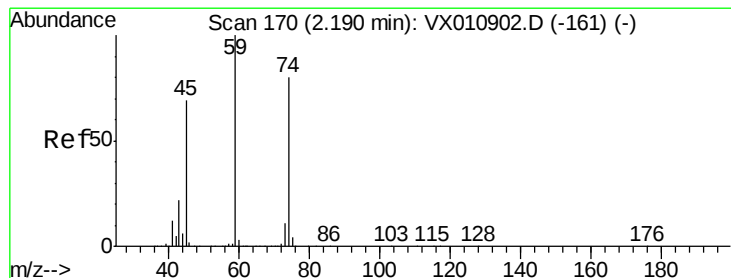
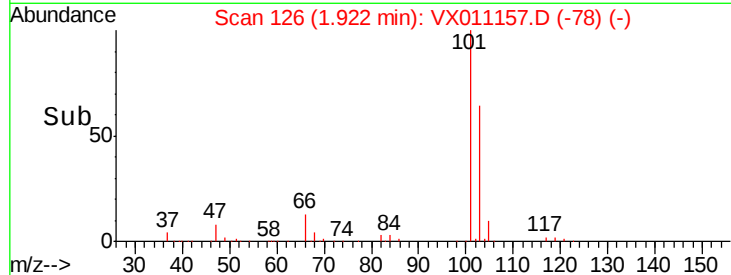
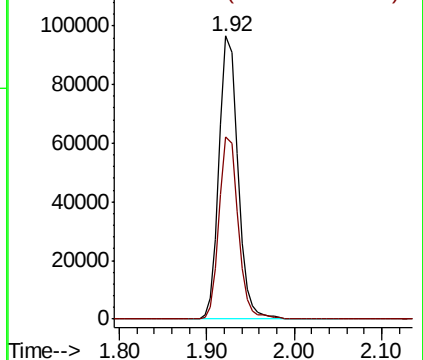
Trichlorofluoromethane
 Concen: 51.464 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0681MS

Tot Ion:101 Resp: 144560
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 78.8



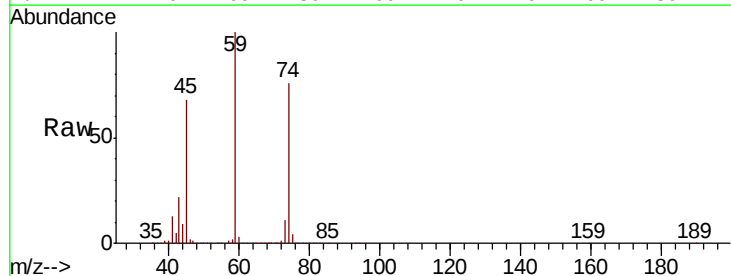
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



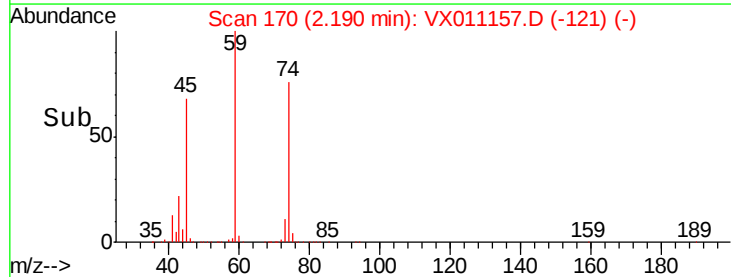
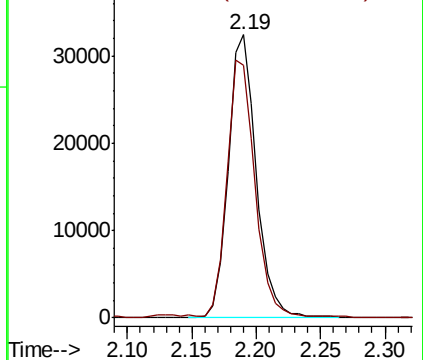
#8

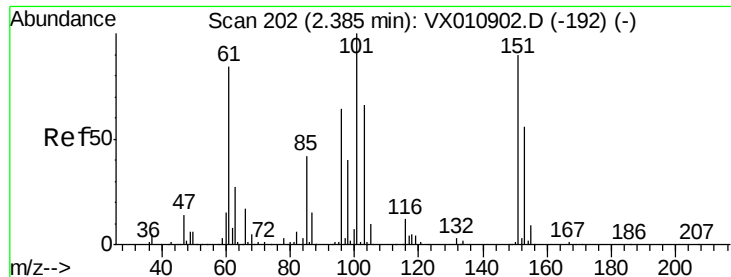
Diethyl Ether
 Concen: 51.040 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Tgt Ion: 74 Resp: 49397
 Ion Ratio Lower Upper
 74 100
 45 92.0 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.873 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

Z3-0681MS

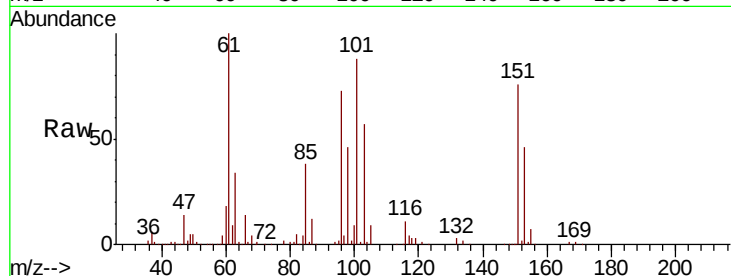
Tot Ion:101 Resp: 79988

Ion Ratio Lower Upper

101 100

85 43.1 34.6 52.0

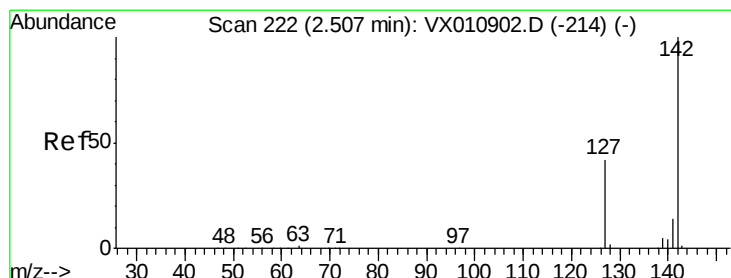
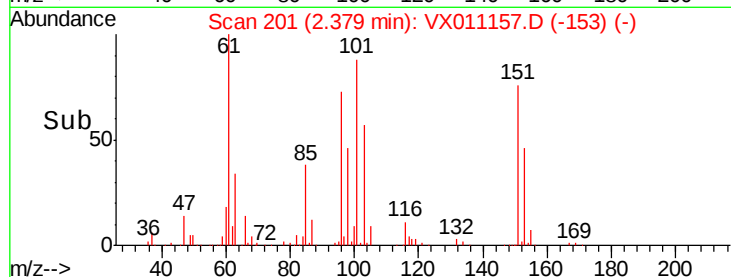
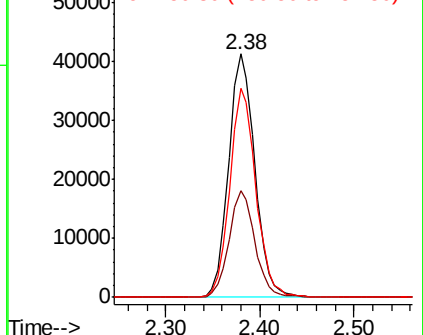
151 85.1 69.6 104.4



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: 34.976 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

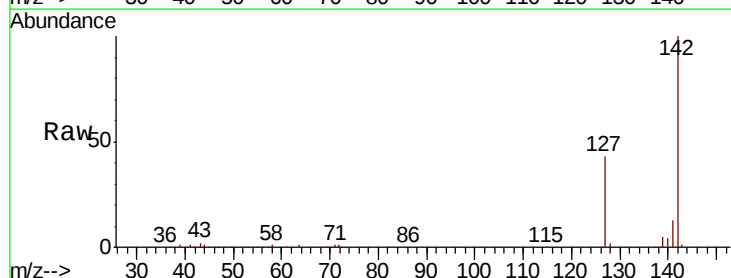
Tgt Ion:142 Resp: 73614

Ion Ratio Lower Upper

142 100

127 43.8 34.2 51.4

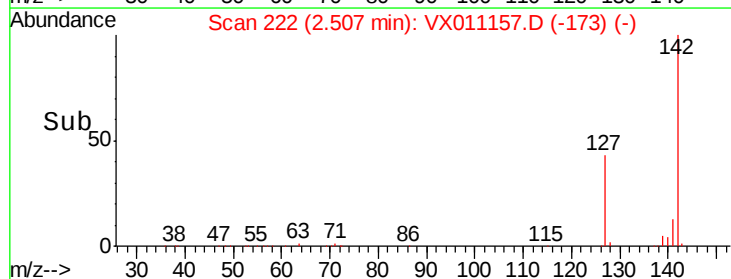
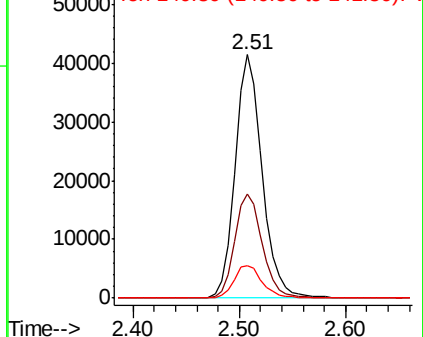
141 14.2 11.7 17.5

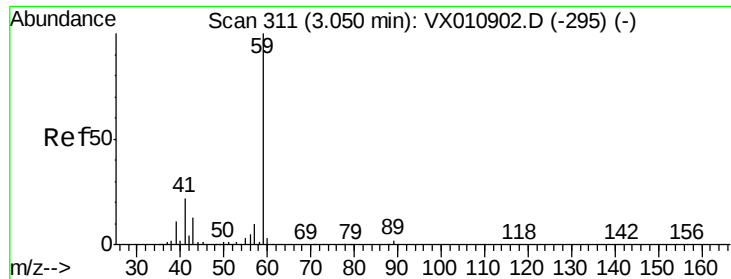


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



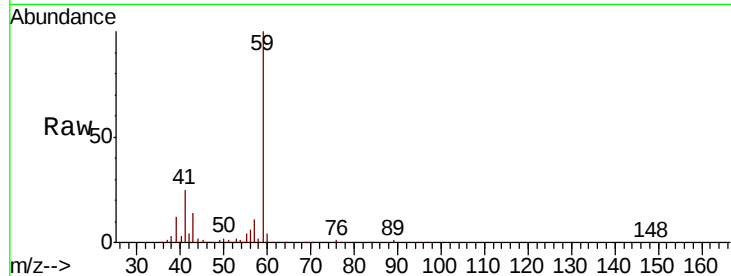


#11

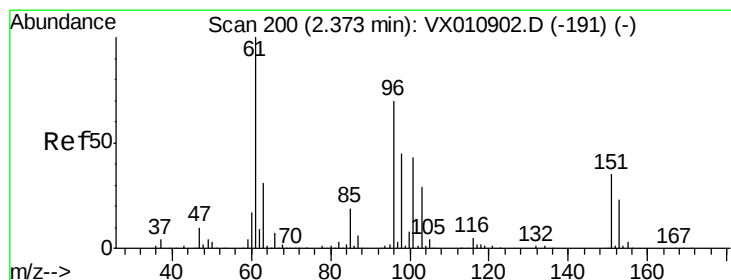
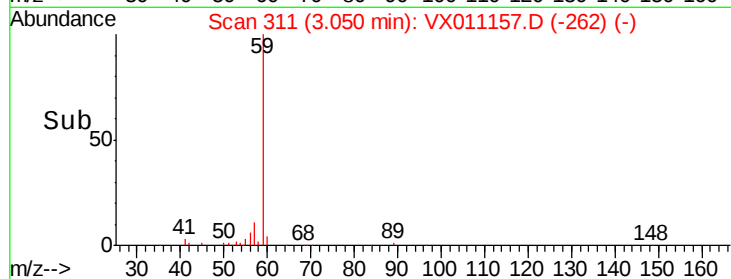
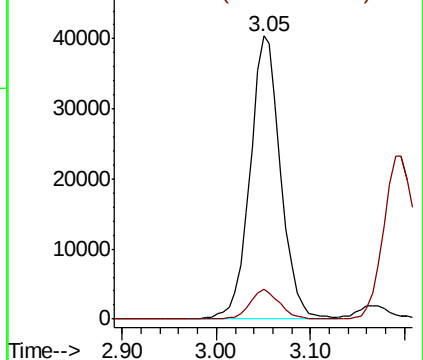
Tert butyl alcohol
Concen: 210.708 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
Z3-0681MS

Tot Ion: 59 Resp: 92356
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9



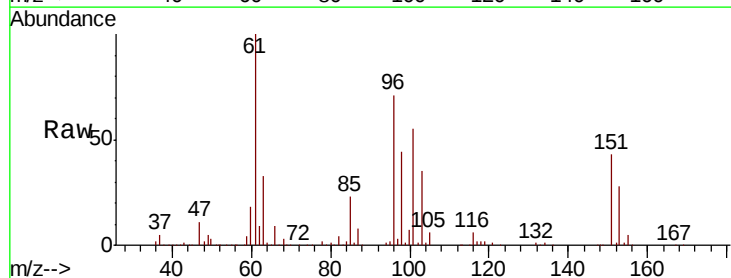
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



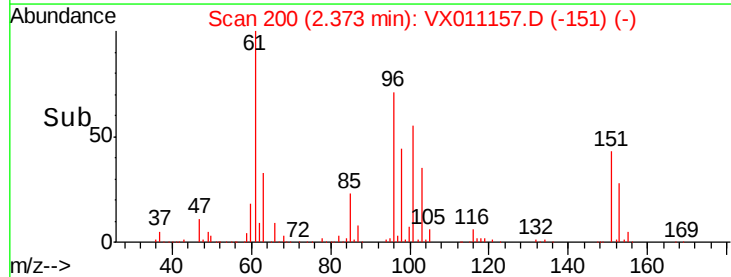
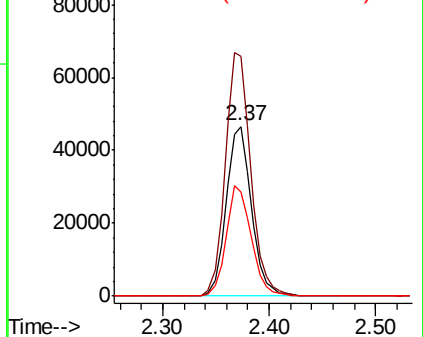
#12

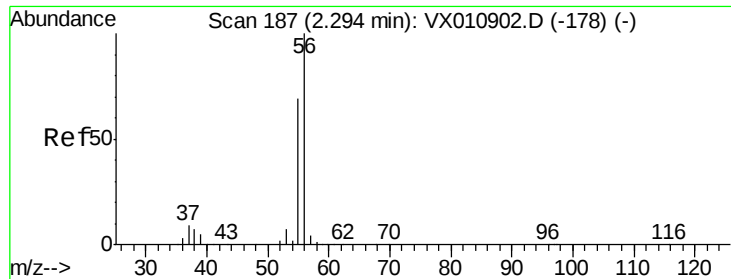
1,1-Dichloroethene
Concen: 49.134 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion: 96 Resp: 77424
Ion Ratio Lower Upper
96 100
61 141.3 115.0 172.4
98 61.7 52.2 78.2



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





#13

Acrolein

Concen: 212.437 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

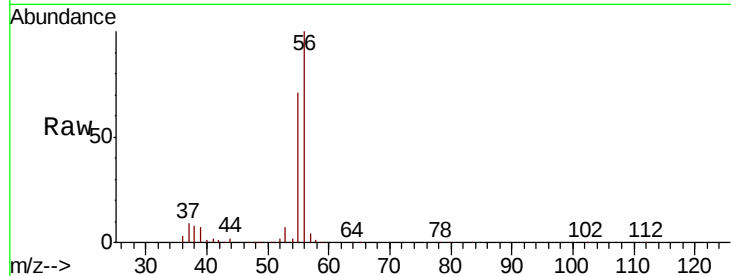
Z3-0681MS

Tot Ion: 56 Resp: 53798

Ion Ratio Lower Upper

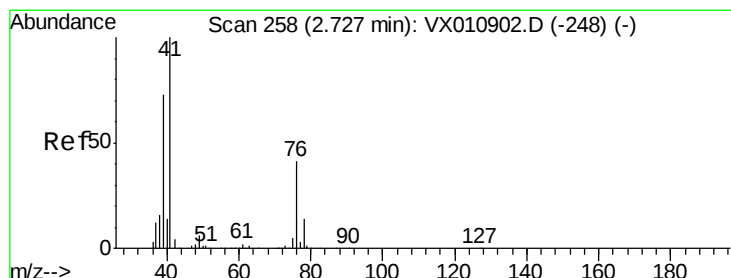
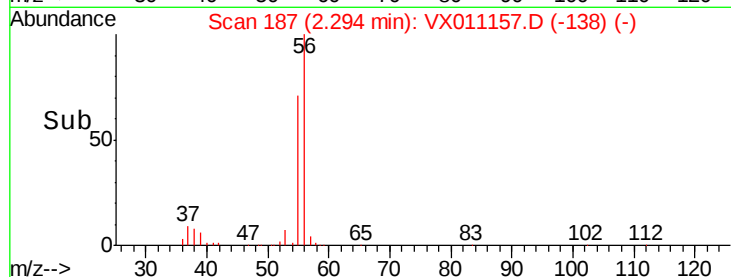
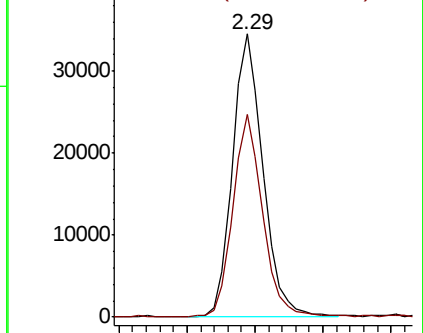
56 100

55 69.3 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.766 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

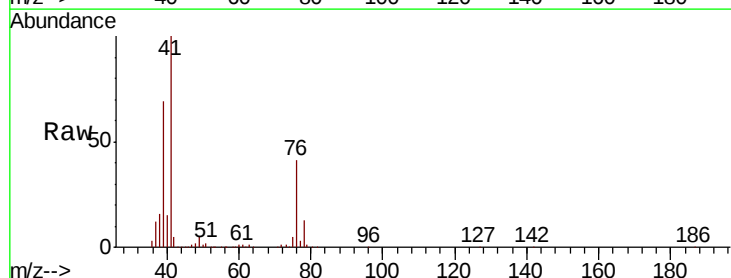
Tgt Ion: 41 Resp: 113908

Ion Ratio Lower Upper

41 100

39 66.1 53.6 80.4

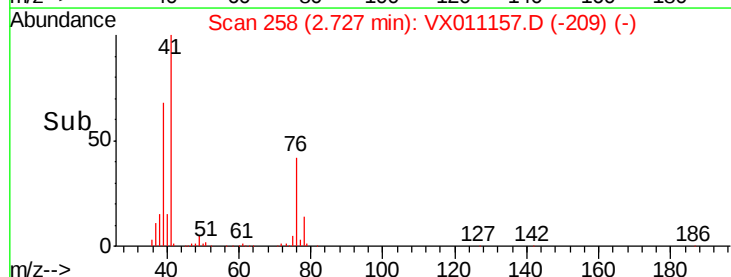
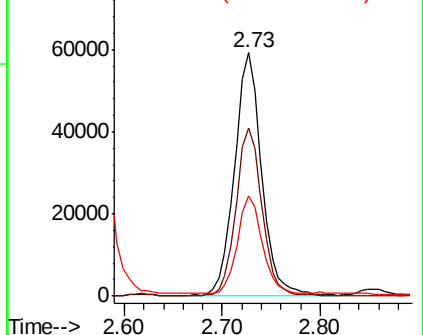
76 36.5 29.7 44.5

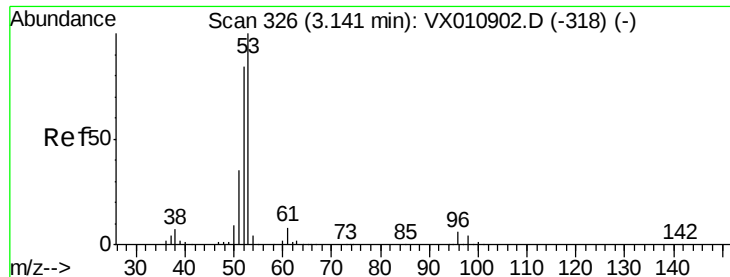


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 263.226 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

Z3-0681MS

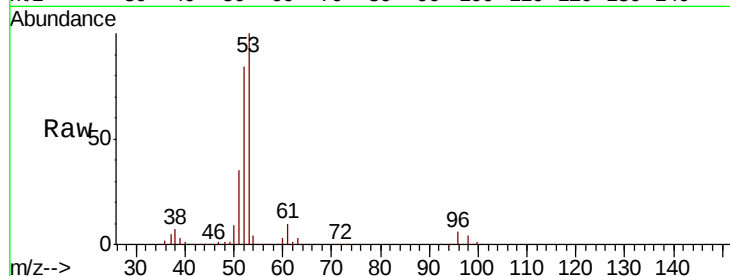
Tot Ion: 53 Resp: 233138

Ion Ratio Lower Upper

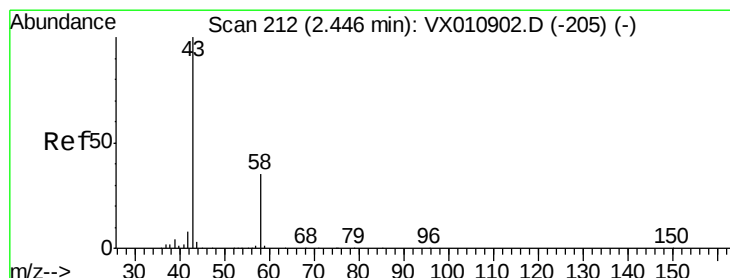
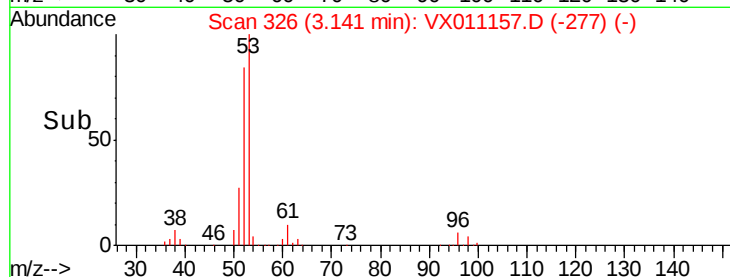
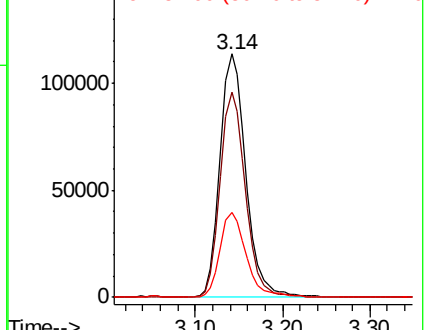
53 100

52 82.3 66.5 99.7

51 35.9 28.2 42.4



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: 220.510 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011157.D

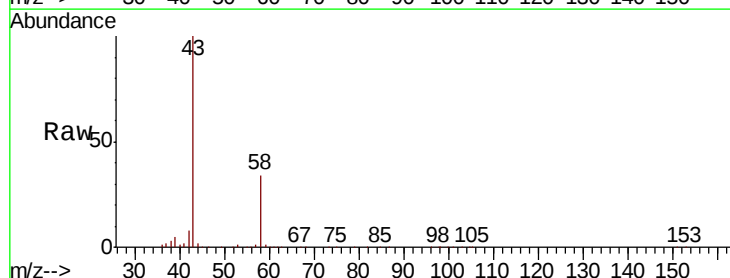
Acq: 29 Jul 2019 19:42

Tgt Ion: 43 Resp: 187439

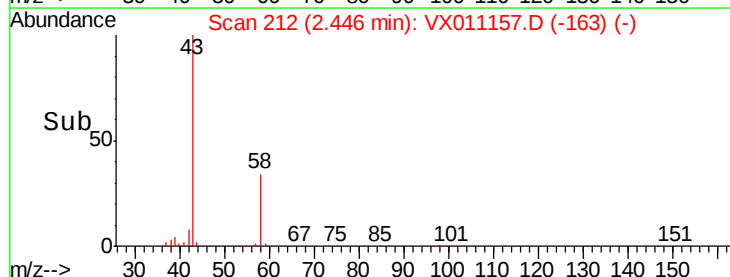
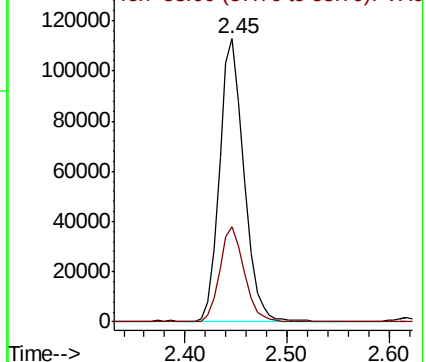
Ion Ratio Lower Upper

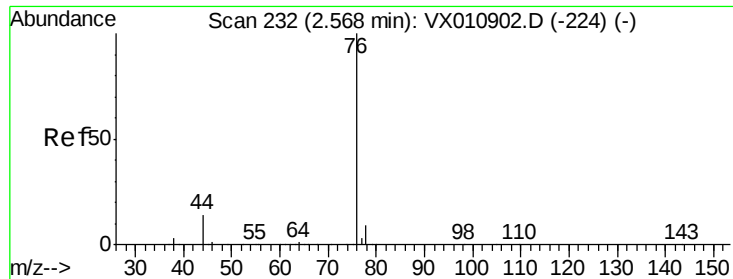
43 100

58 33.8 27.7 41.5



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

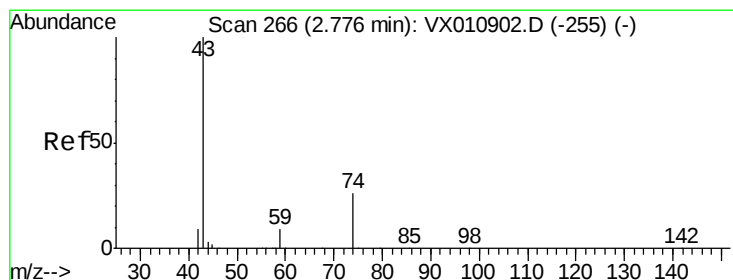
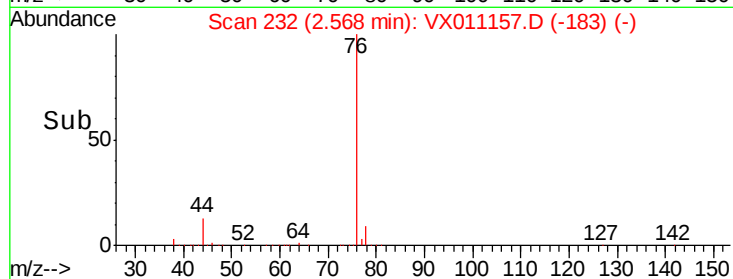
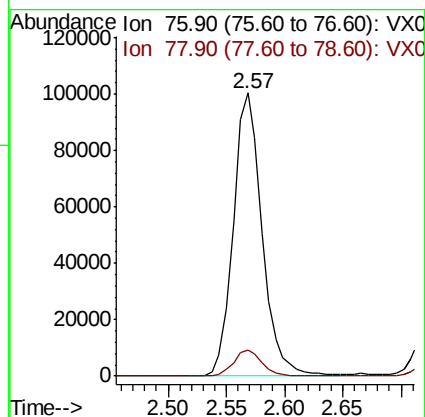
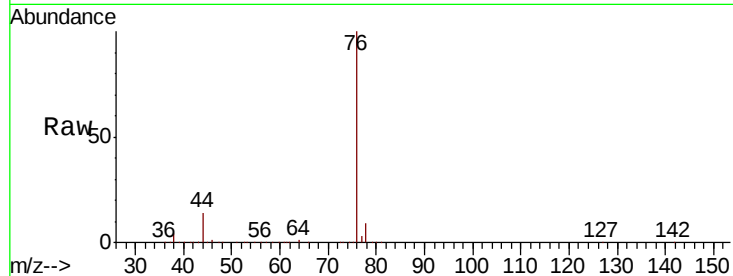




#17
Carbon Disulfide
Concen: 42.823 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

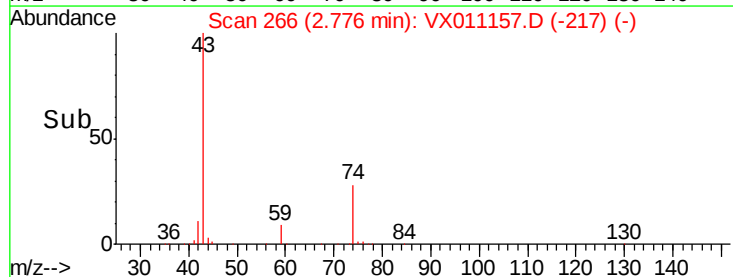
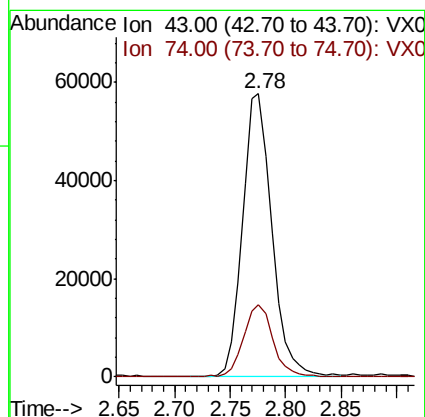
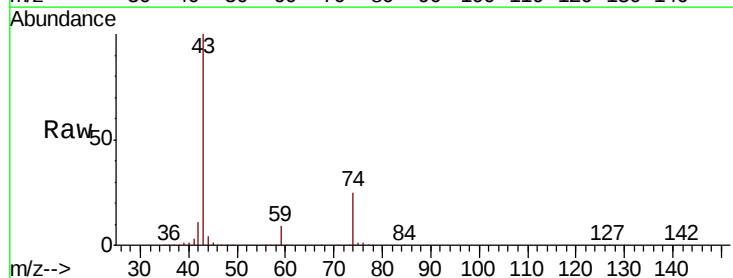
Instrument :
MSVOA_X
ClientSampleId :
Z3-0681MS

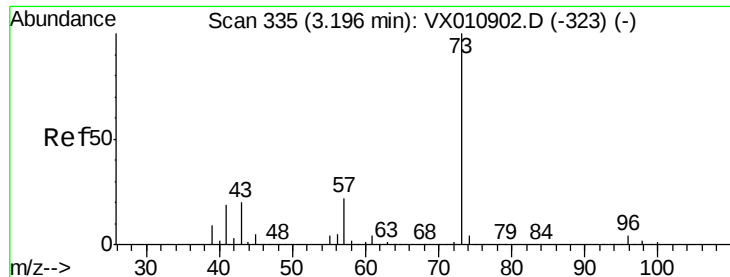
Tot Ion: 76 Resp: 173095
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 54.168 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion: 43 Resp: 104843
Ion Ratio Lower Upper
43 100
74 26.2 21.5 32.3

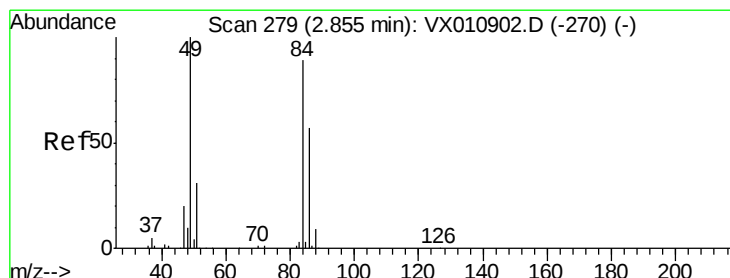
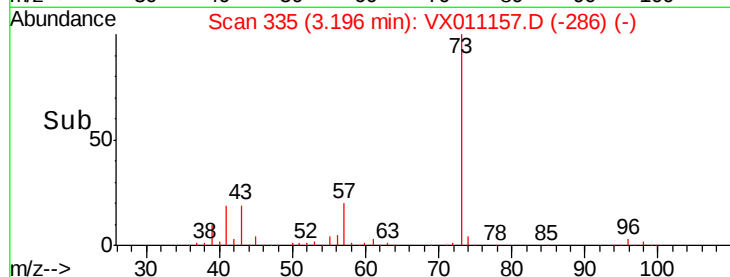
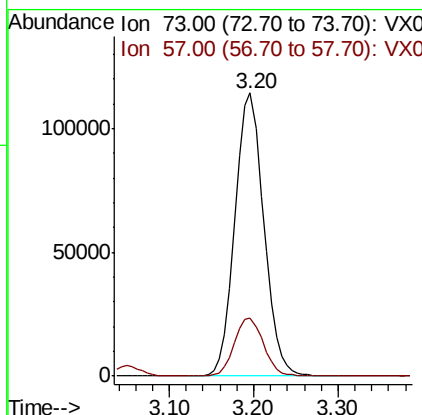
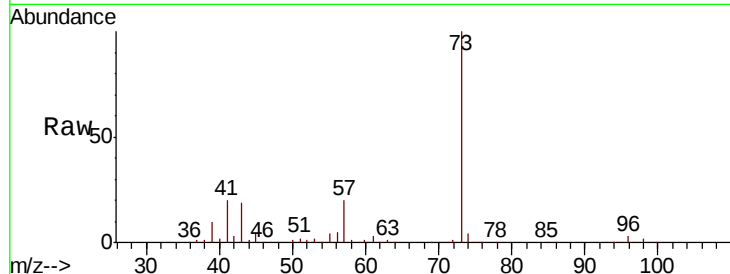




#19
Methvl tert-butvl Ether
Concen: 52.225 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

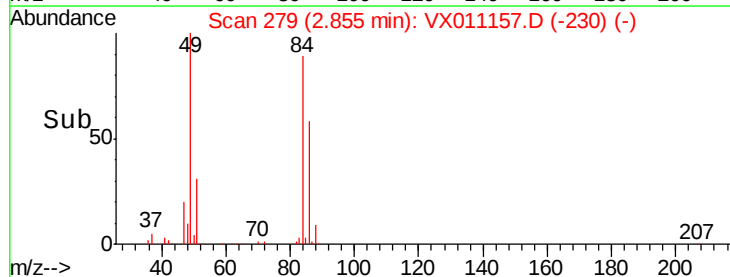
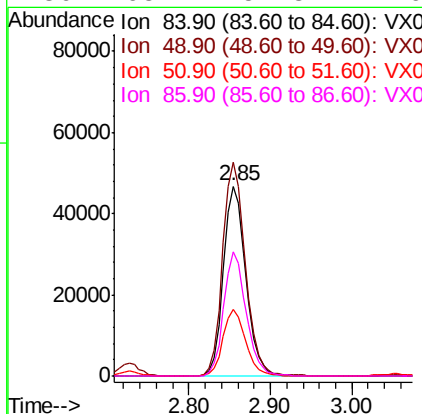
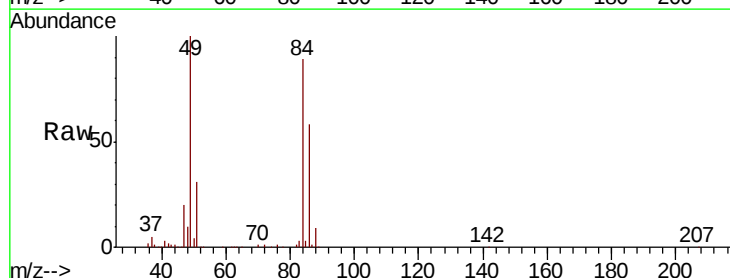
Instrument :
MSVOA_X
ClientSampleId :
Z3-0681MS

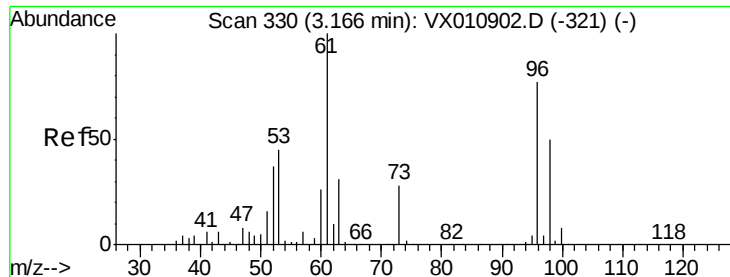
Tot Ion: 73 Resp: 264926
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 49.299 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion: 84 Resp: 88807
Ion Ratio Lower Upper
84 100
49 112.3 89.9 134.9
51 34.7 27.8 41.6
86 65.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 50.336 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

Z3-0681MS

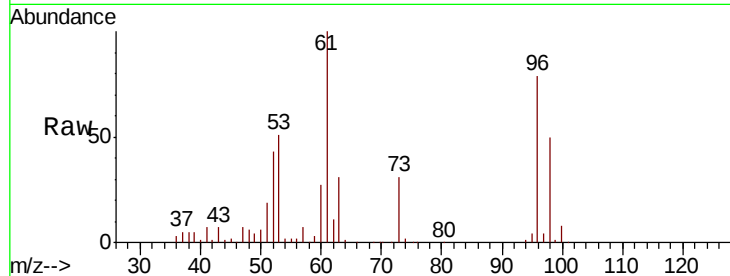
Tot Ion: 96 Resp: 84161

Ion Ratio Lower Upper

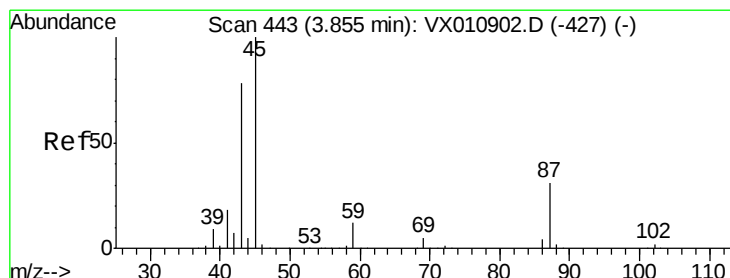
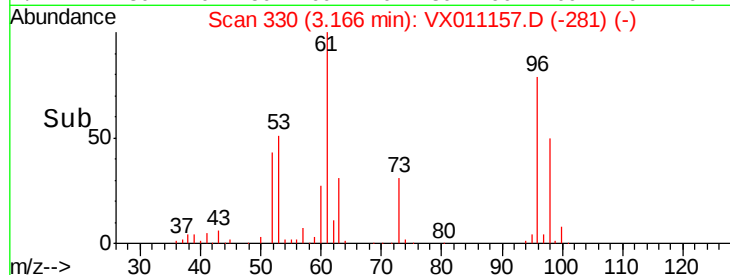
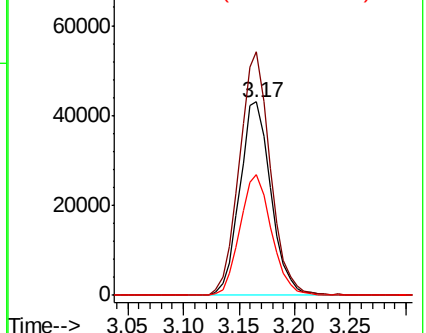
96 100

61 126.0 104.2 156.2

98 62.5 52.2 78.4



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: 52.270 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Tgt Ion: 45 Resp: 252327

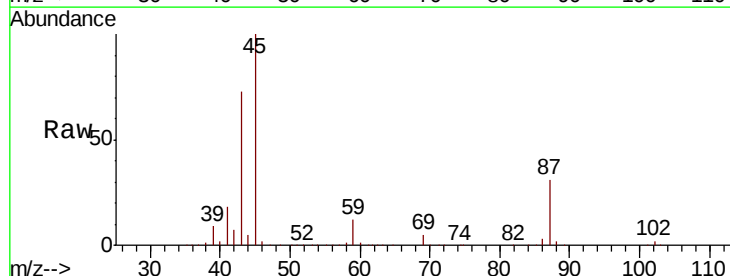
Ion Ratio Lower Upper

45 100

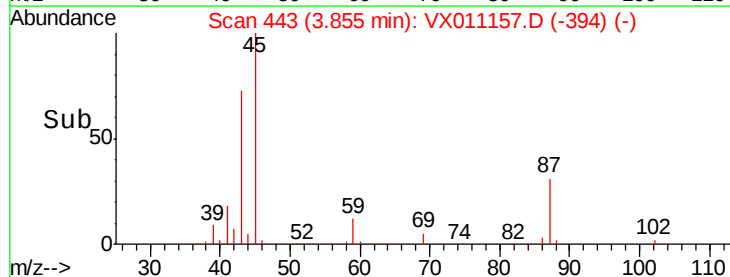
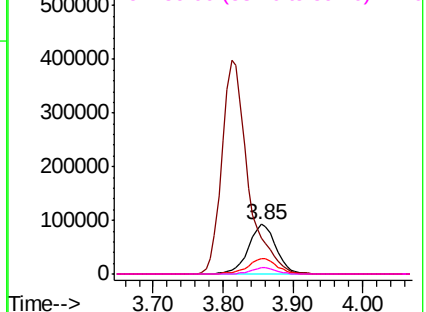
43 73.4 62.3 93.5

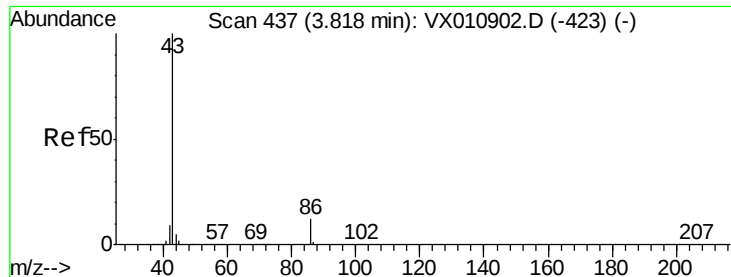
87 31.4 25.0 37.4

59 12.3 9.9 14.9



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: 252.428 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

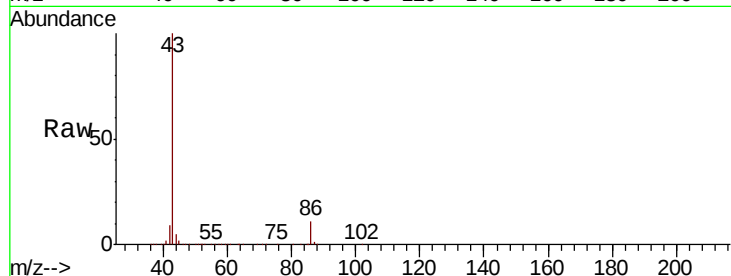
Z3-0681MS

Tot Ion: 43 Resp: 1032490

Ion Ratio Lower Upper

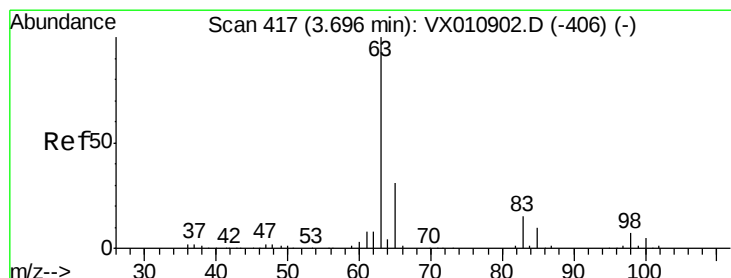
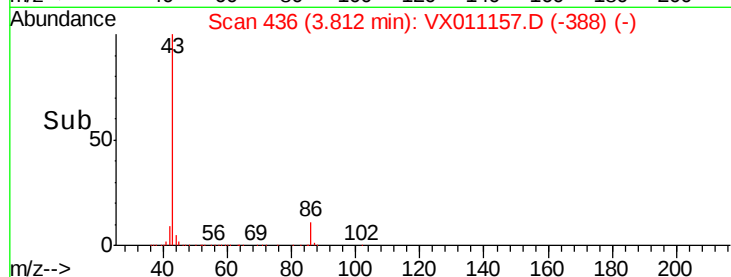
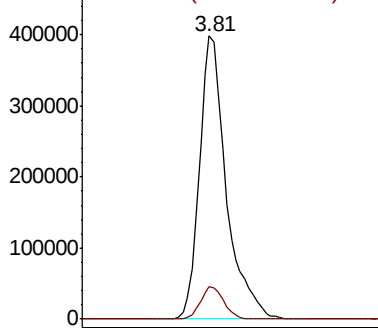
43 100

86 11.3 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.193 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

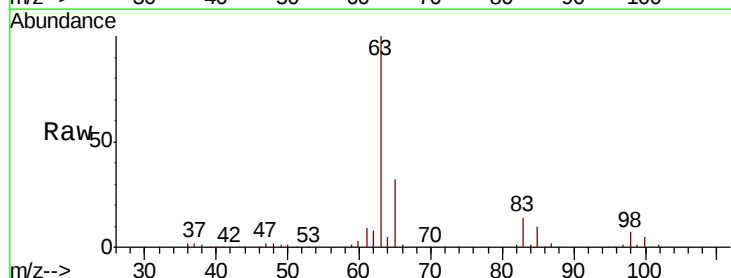
Tgt Ion: 63 Resp: 143522

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

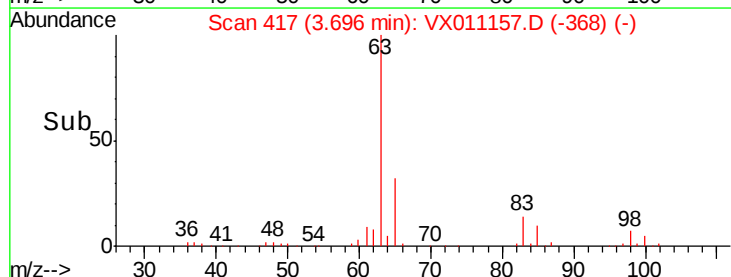
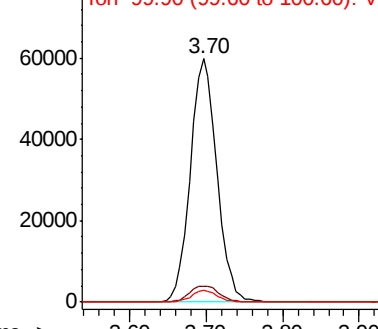
100 4.7 2.4 7.2

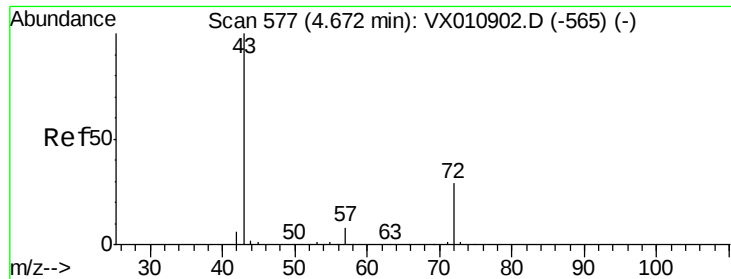


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 254.402 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

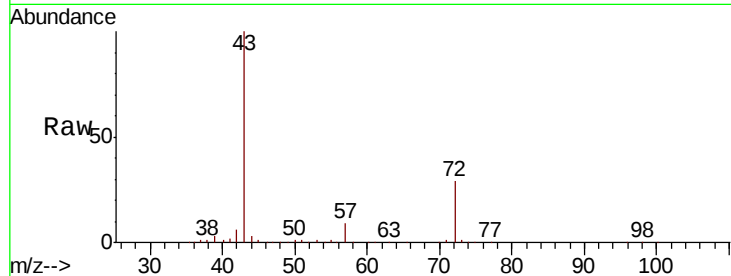
Z3-0681MS

Tot Ion: 43 Resp: 310422

Ion Ratio Lower Upper

43 100

72 29.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

20000

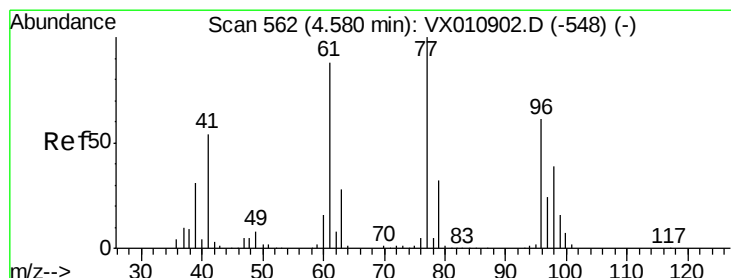
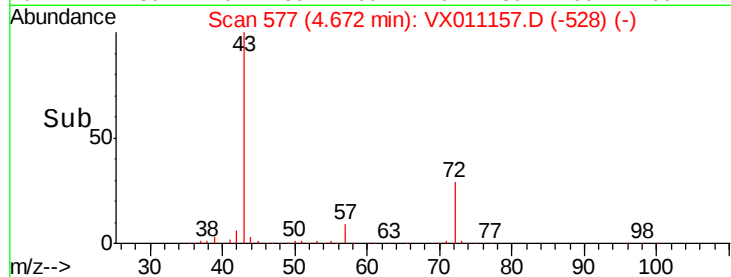
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.887 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011157.D

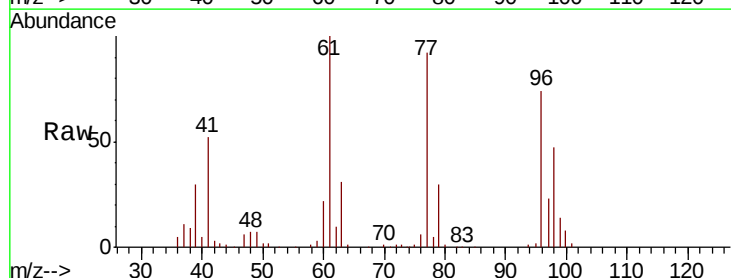
Acq: 29 Jul 2019 19:42

Tgt Ion: 77 Resp: 105630

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

10000

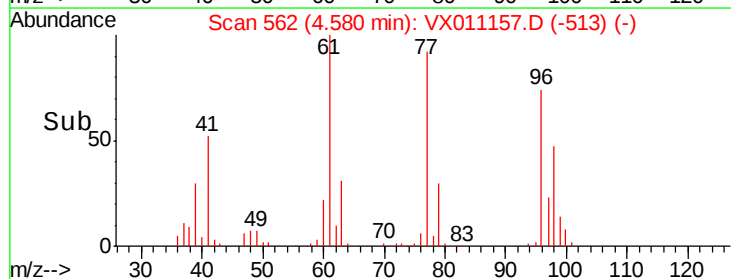
0

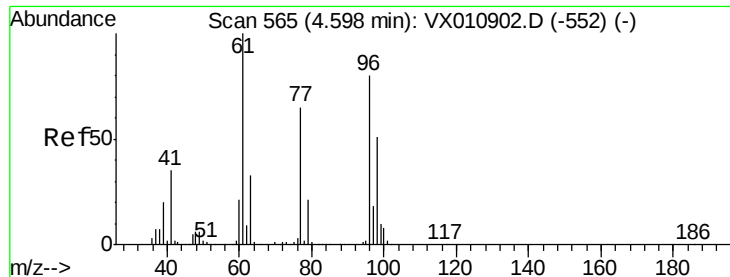
4.50

4.60

4.70

Time-->



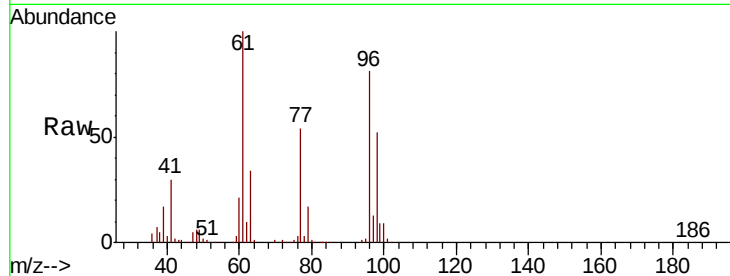


#27

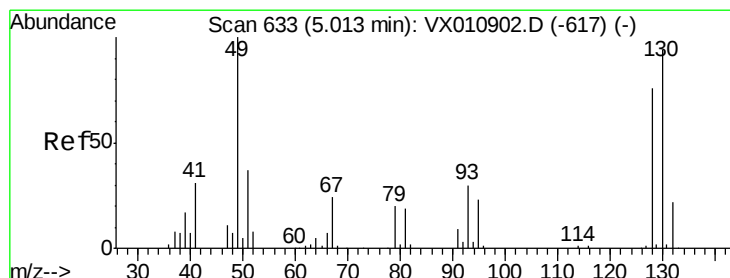
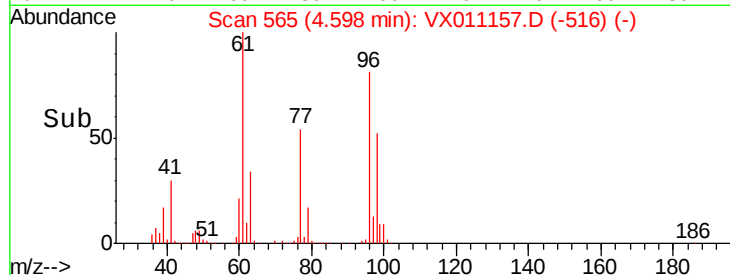
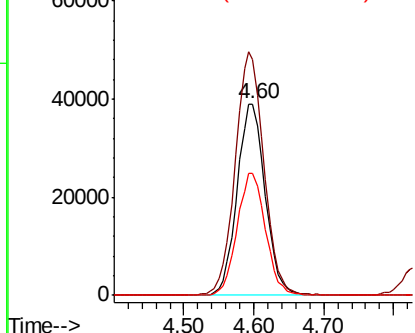
cis-1,2-Dichloroethene
 Concen: 56.253 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681MS

Tot Ion: 96 Resp: 108852
 Ion Ratio Lower Upper
 96 100
 61 129.8 0.0 269.0
 98 64.4 0.0 131.4



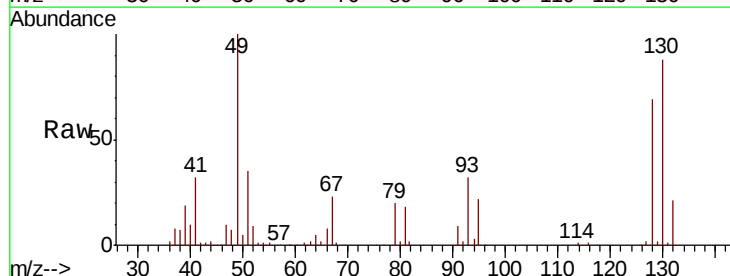
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



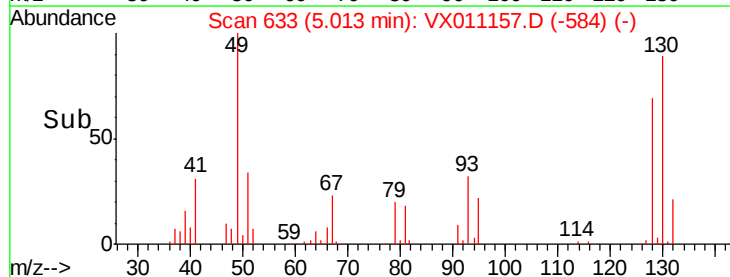
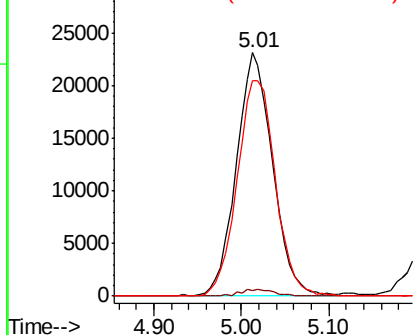
#28

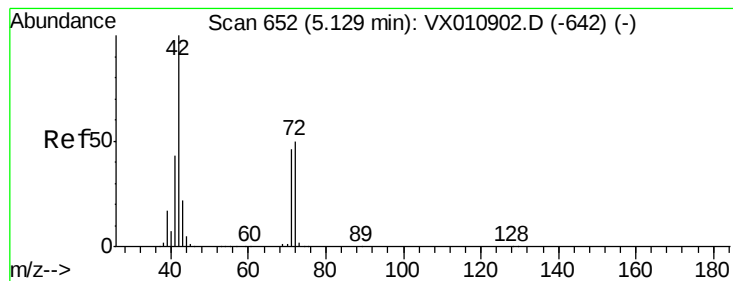
Bromochloromethane
 Concen: 50.513 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Tgt Ion: 49 Resp: 66734
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 93.3 76.9 115.3



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: 259.534 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

Z3-0681MS

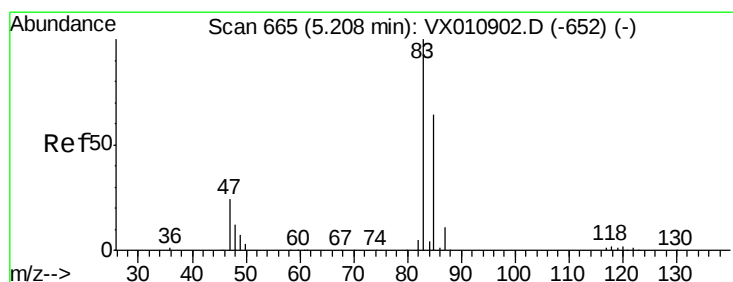
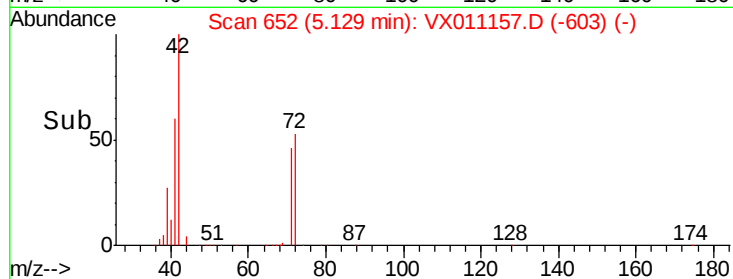
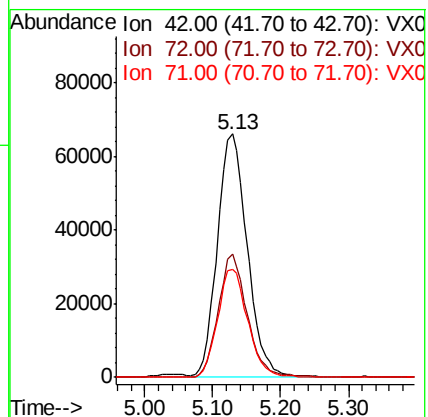
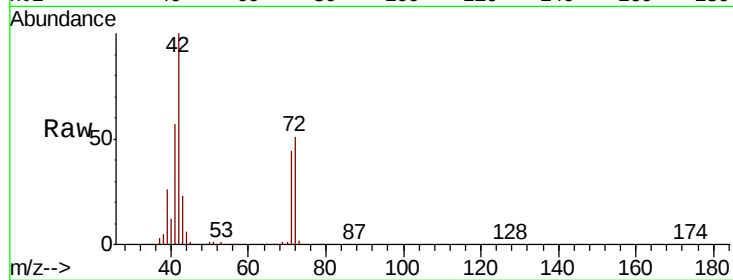
Tot Ion: 42 Resp: 200600

Ion Ratio Lower Upper

42 100

72 49.2 39.8 59.8

71 44.8 37.0 55.4



#30

Chloroform

Concen: 51.382 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX011157.D

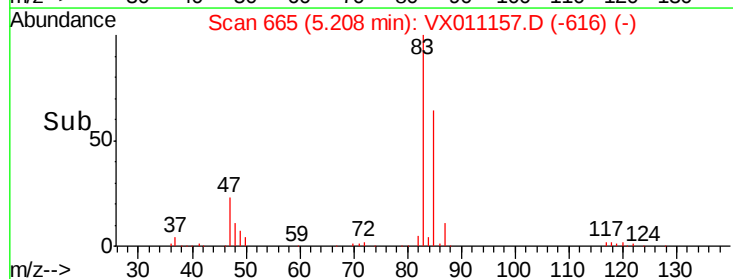
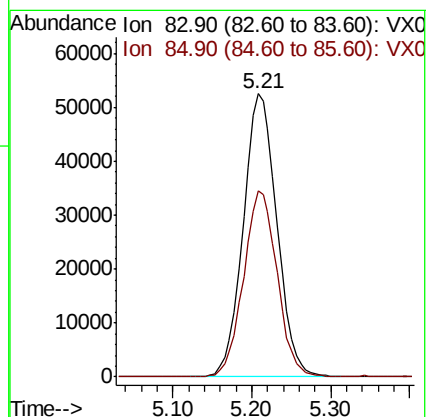
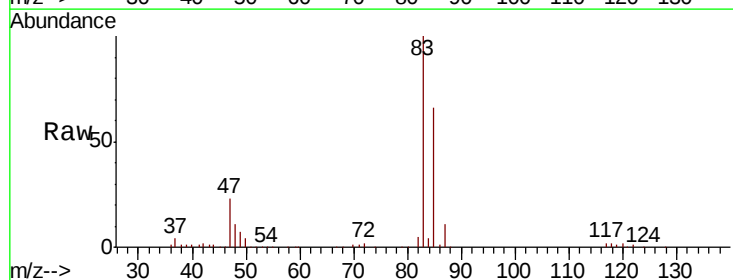
Acq: 29 Jul 2019 19:42

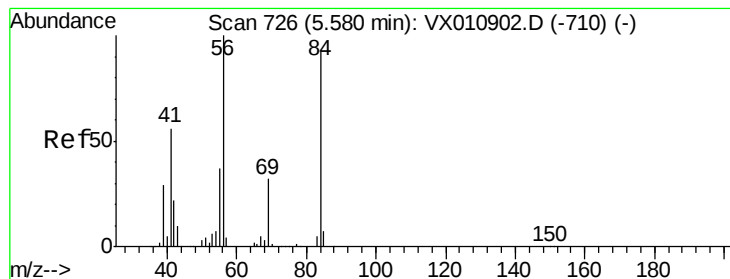
Tgt Ion: 83 Resp: 155703

Ion Ratio Lower Upper

83 100

85 65.7 51.4 77.0





#31

Cyclohexane

Concen: 47.692 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

Z3-0681MS

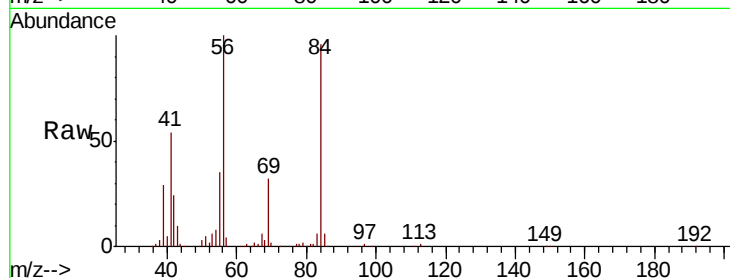
Tot Ion: 56 Resp: 121871

Ion Ratio Lower Upper

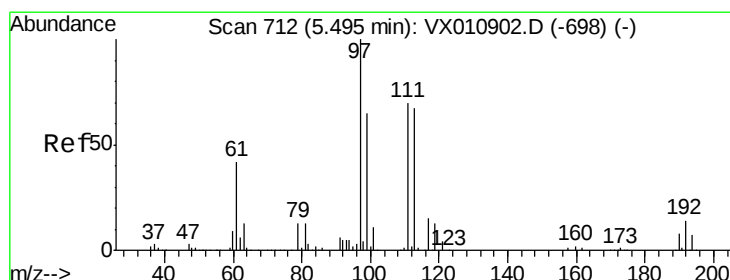
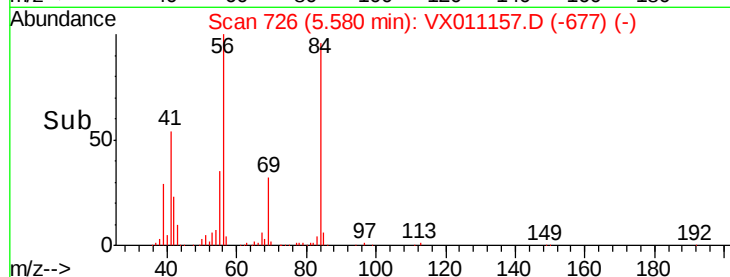
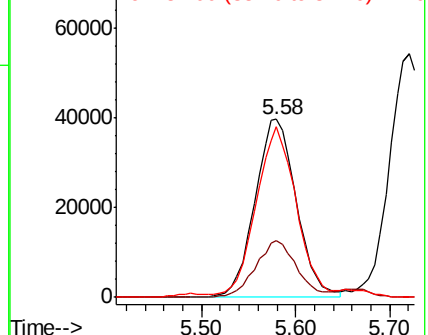
56 100

69 32.1 25.8 38.8

84 93.2 73.8 110.6



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



#32

1,1,1-Trichloroethane

Concen: 51.562 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

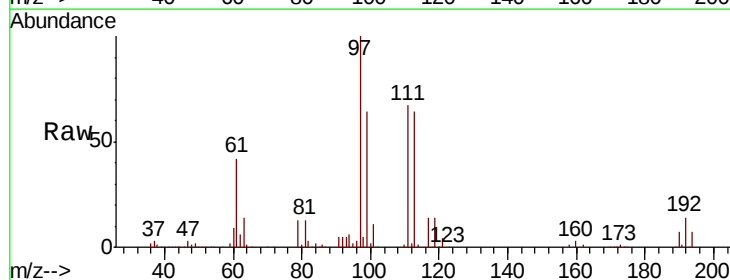
Tgt Ion: 97 Resp: 135180

Ion Ratio Lower Upper

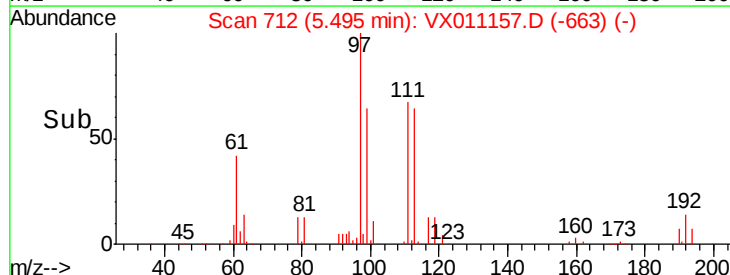
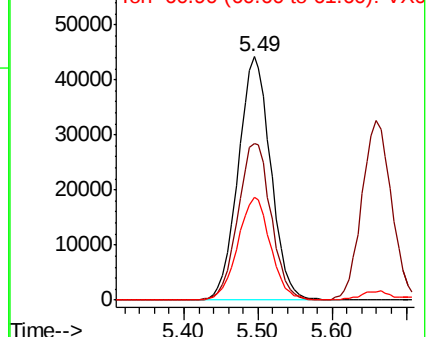
97 100

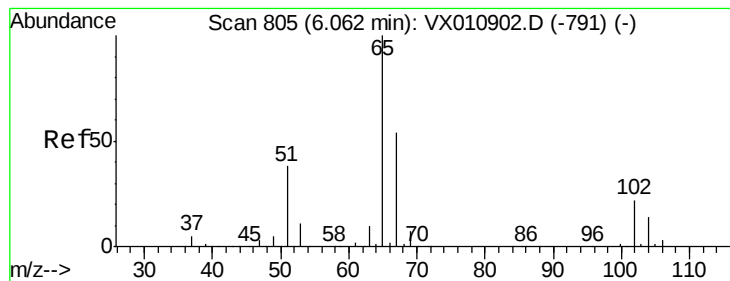
99 65.7 51.4 77.0

61 42.6 33.0 49.6



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





#33

1,2-Dichloroethane-d4

Concen: 48.630 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

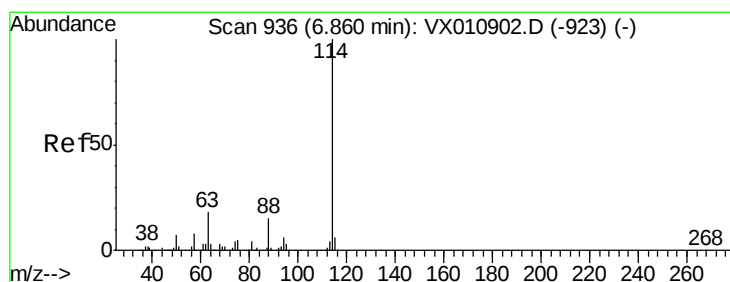
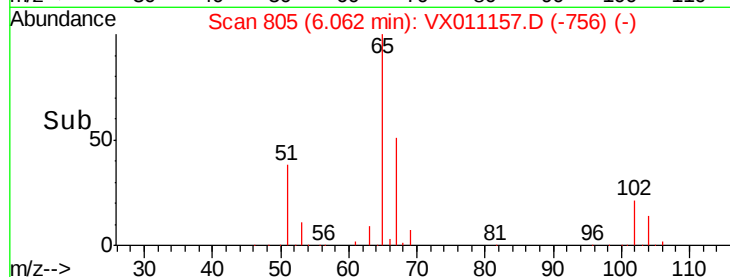
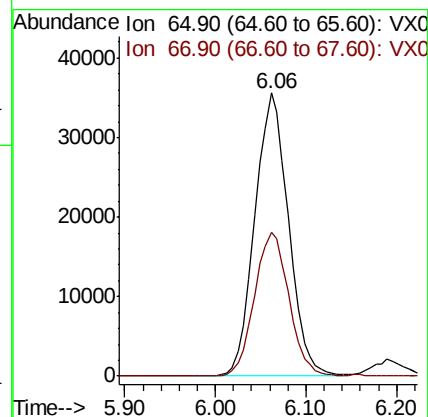
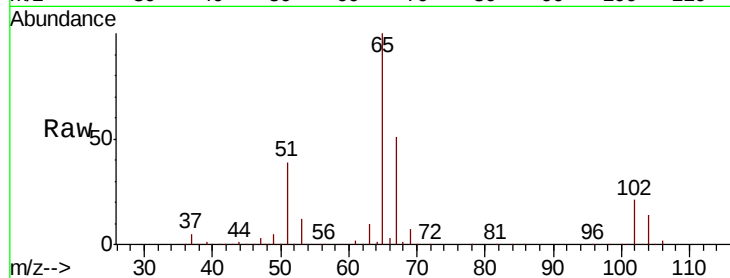
Z3-0681MS

Tot Ion: 65 Resp: 91524

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

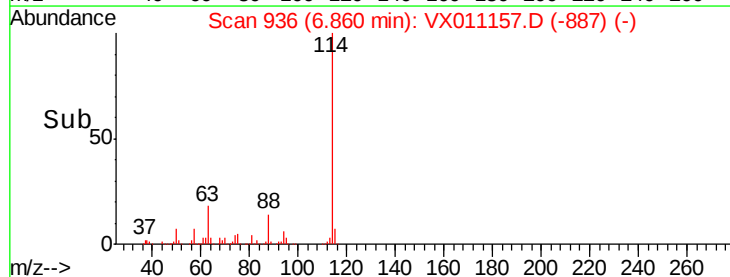
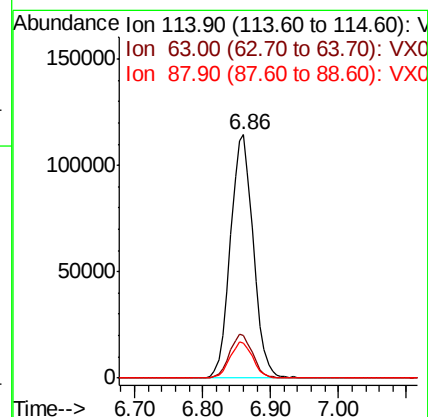
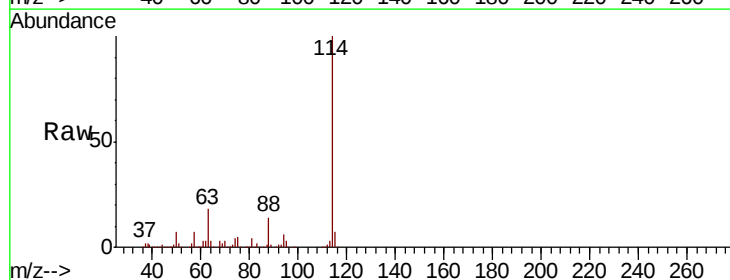
Tgt Ion: 114 Resp: 266117

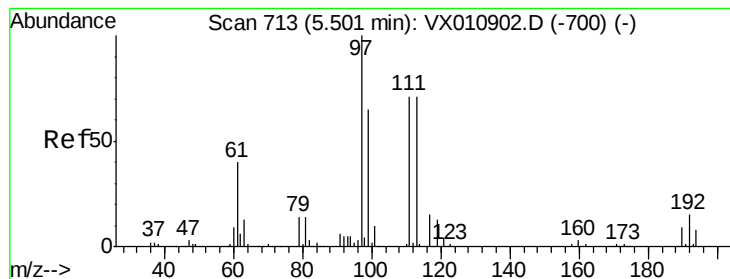
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

88 14.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.052 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

Z3-0681MS

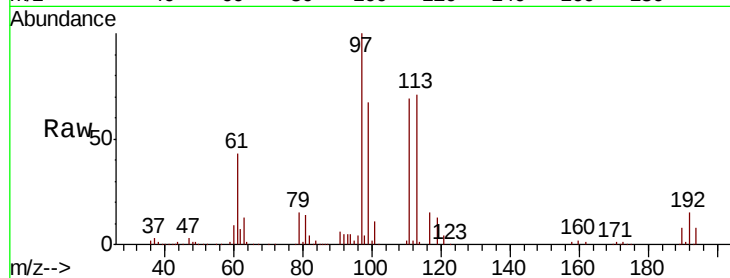
Tot Ion:113 Resp: 82853

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

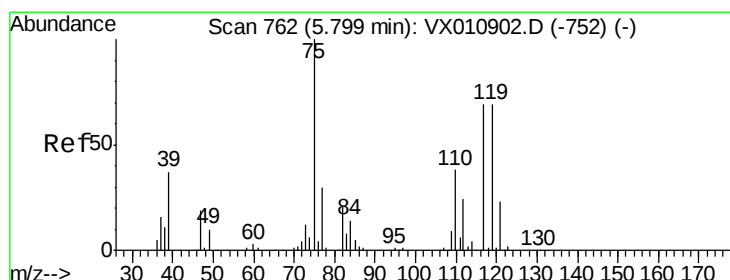
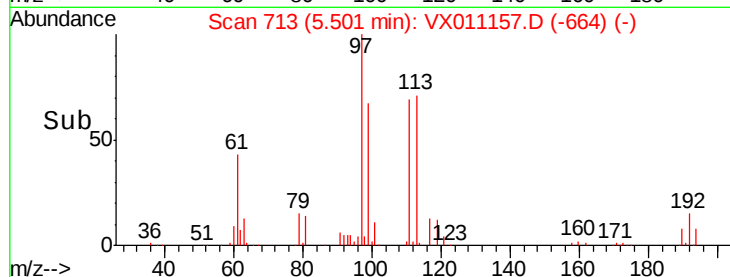
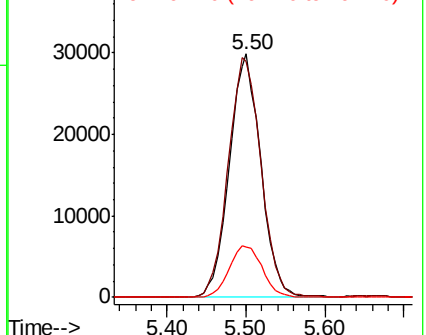
192 22.4 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.075 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

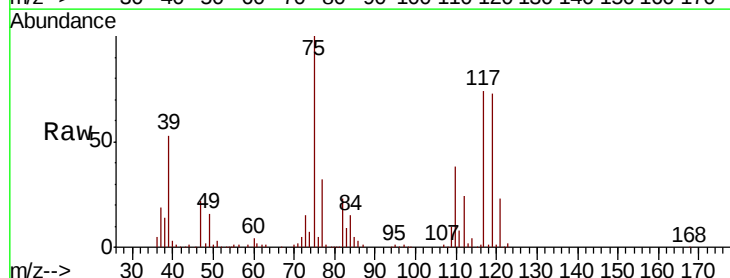
Tgt Ion: 75 Resp: 109459

Ion Ratio Lower Upper

75 100

110 38.8 19.9 59.7

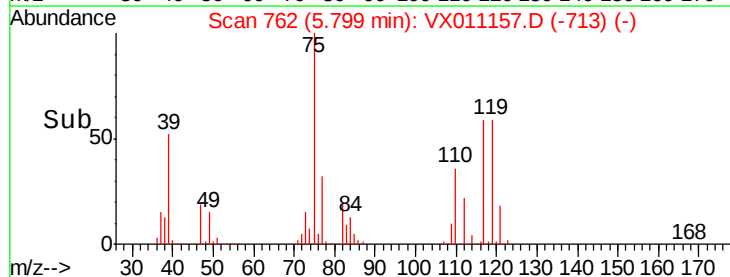
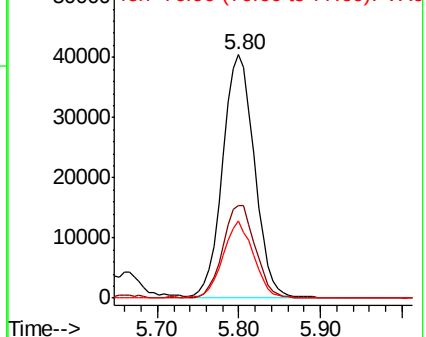
77 29.9 25.0 37.4

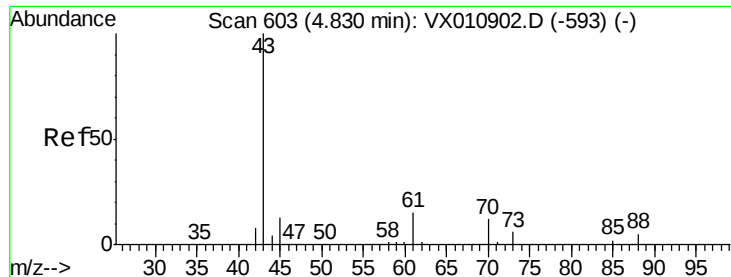


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

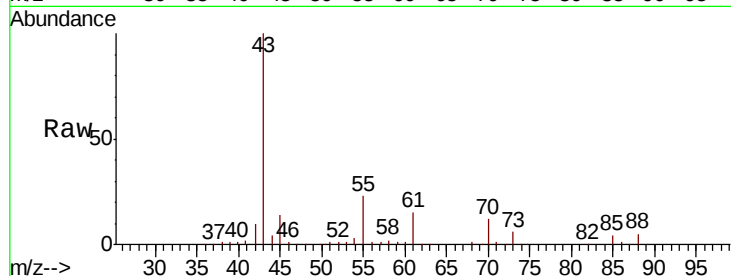




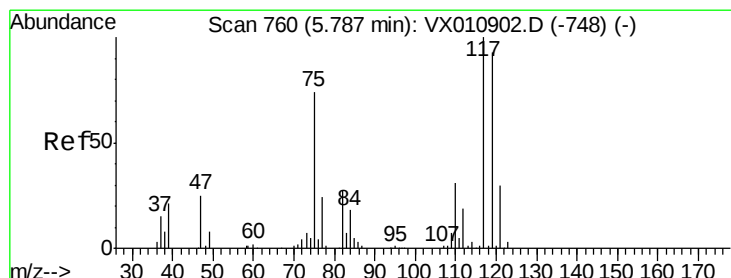
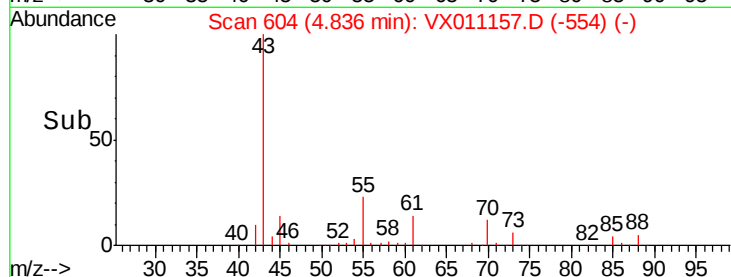
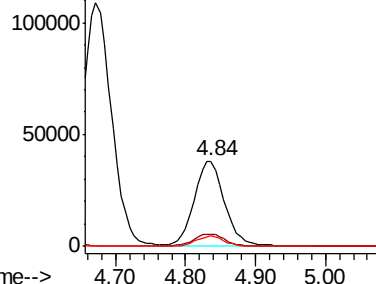
#37
Ethyl Acetate
Concen: 51.086 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampled :
Z3-0681MS

Tot Ion: 43 Resp: 114346
Ion Ratio Lower Upper
43 100
61 15.2 11.6 17.4
70 11.4 9.1 13.7

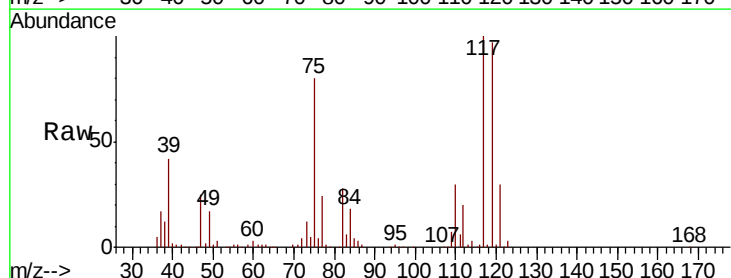


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

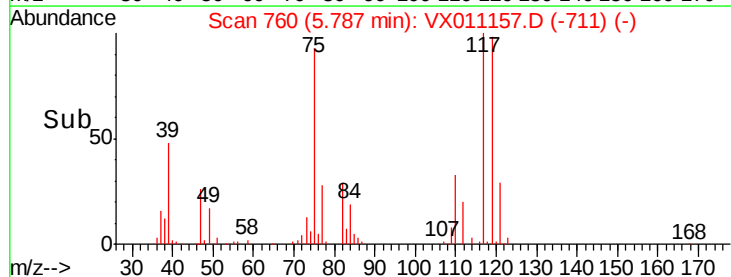
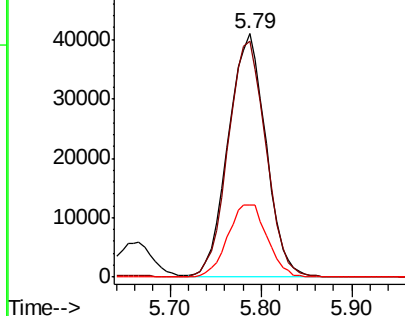


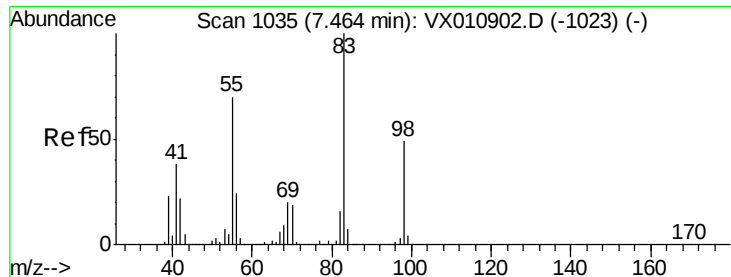
#38
Carbon Tetrachloride
Concen: 51.824 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion: 117 Resp: 118046
Ion Ratio Lower Upper
117 100
119 96.9 74.2 111.2
121 29.7 24.2 36.2



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

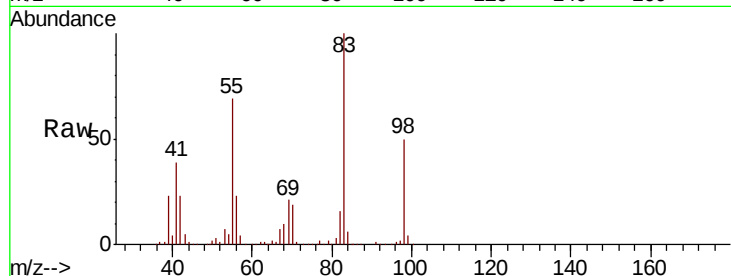




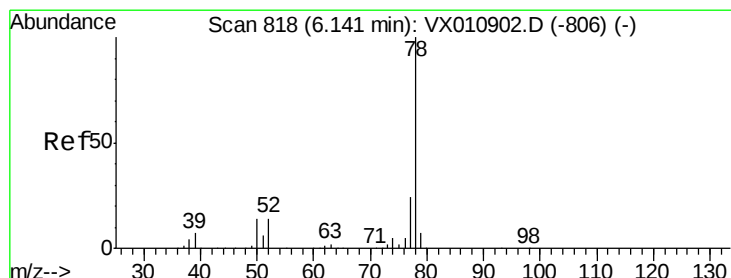
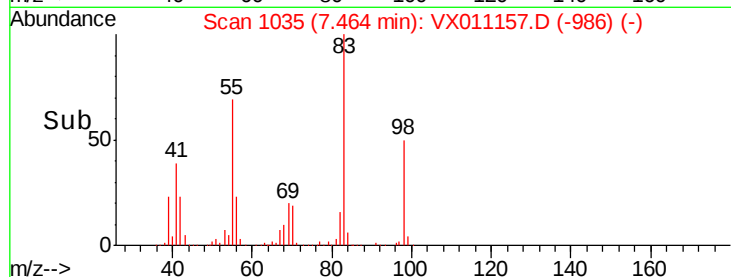
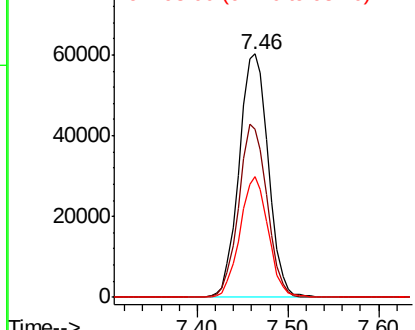
#39
Methvlcvclohexane
Concen: 47.327 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
Z3-0681MS

Tot Ion: 83 Resp: 134159
Ion Ratio Lower Upper
83 100
55 69.1 56.2 84.4
98 49.7 39.0 58.4

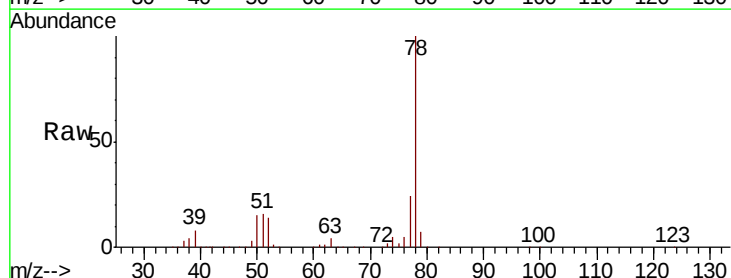


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

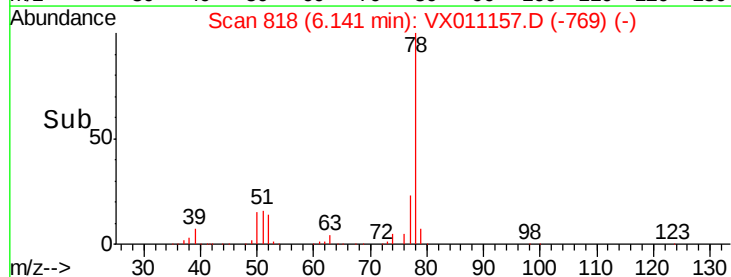
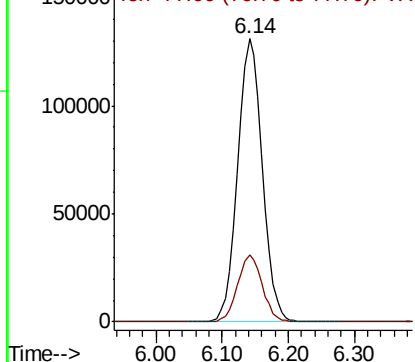


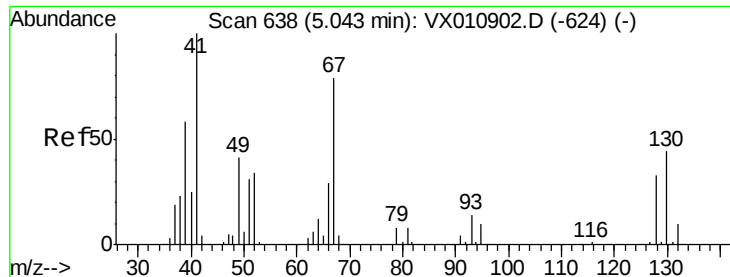
#40
Benzene
Concen: 50.586 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion: 78 Resp: 338721
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



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

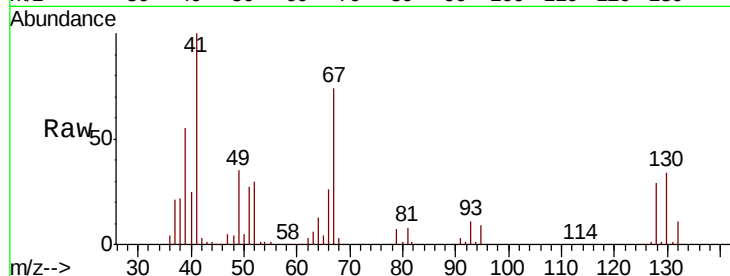




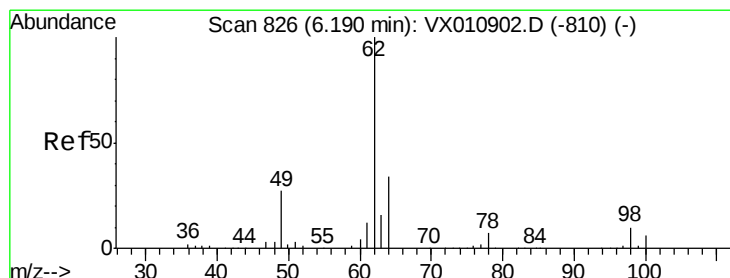
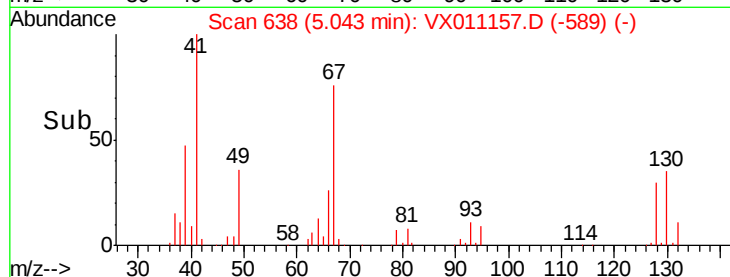
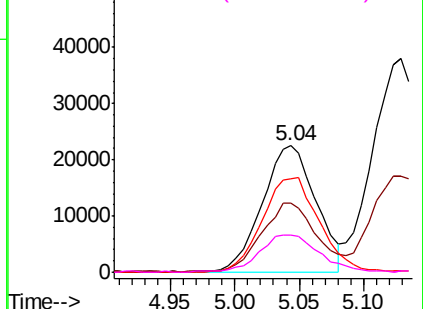
#41
Methacrylonitrile
Concen: 50.943 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
Z3-0681MS

Tot Ion: 41 Resp: 64730
Ion Ratio Lower Upper
41 100
39 56.7 45.4 68.2
67 79.9 65.9 98.9
52 31.9 26.2 39.2

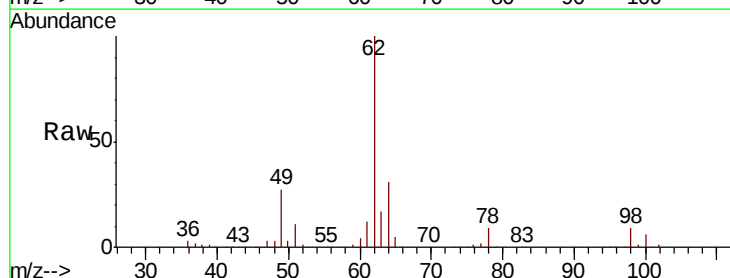


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

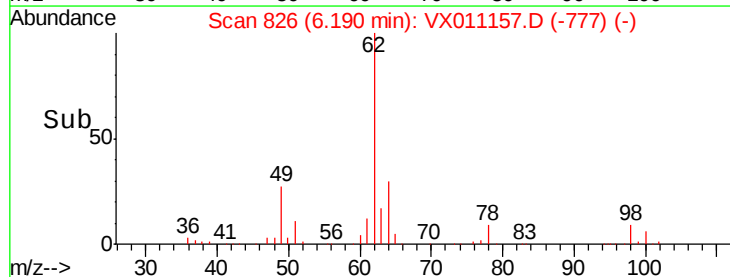
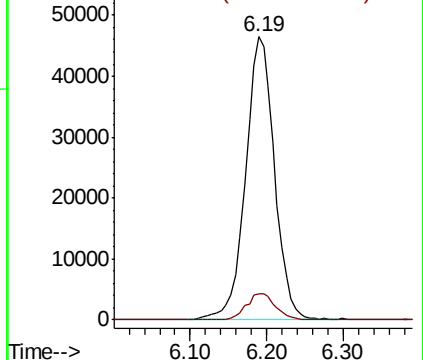


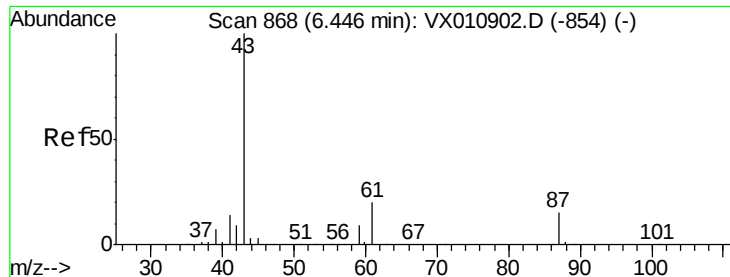
#42
1,2-Dichloroethane
Concen: 52.008 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion: 62 Resp: 121081
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.0



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





#43

Isopropyl Acetate

Concen: 50.461 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

Z3-0681MS

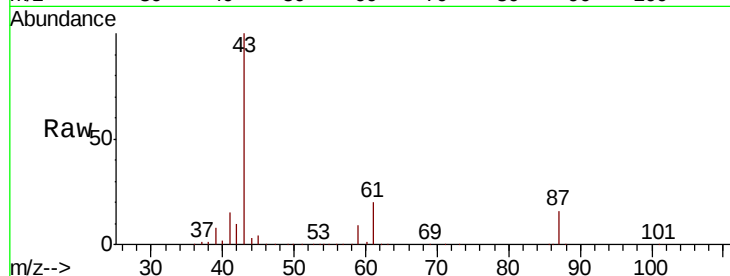
Tot Ion: 43 Resp: 185719

Ion Ratio Lower Upper

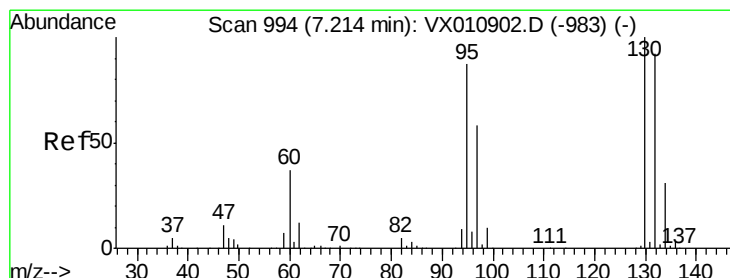
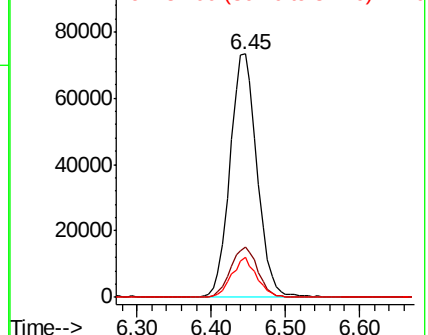
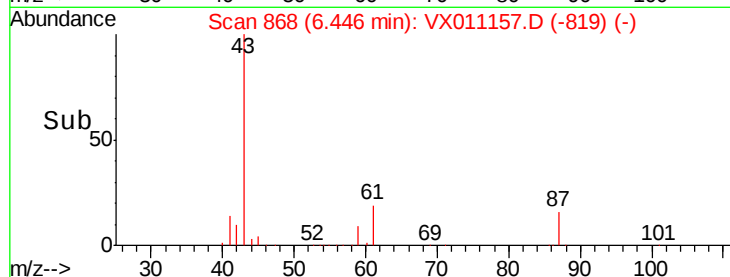
43 100

61 20.9 17.1 25.7

87 15.2 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX011157.D (-819) (-)



#44

Trichloroethene

Concen: 49.543 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011157.D

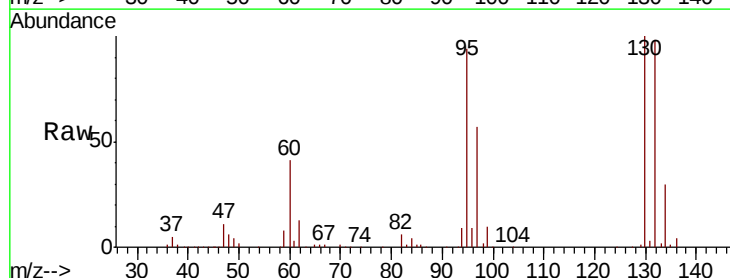
Acq: 29 Jul 2019 19:42

Tgt Ion:130 Resp: 98195

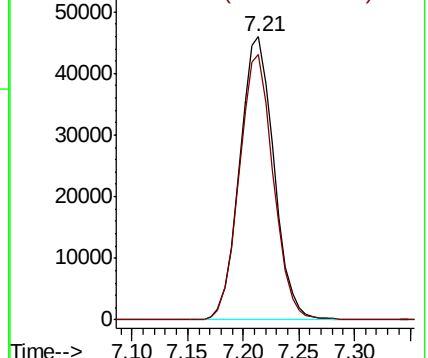
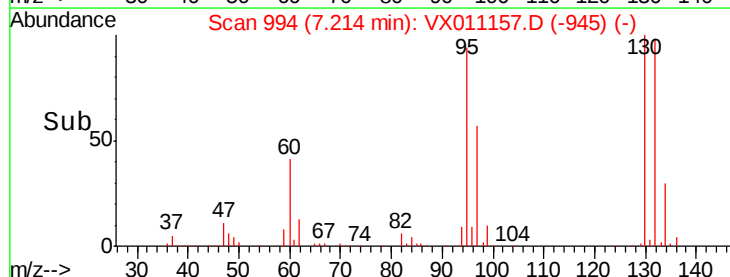
Ion Ratio Lower Upper

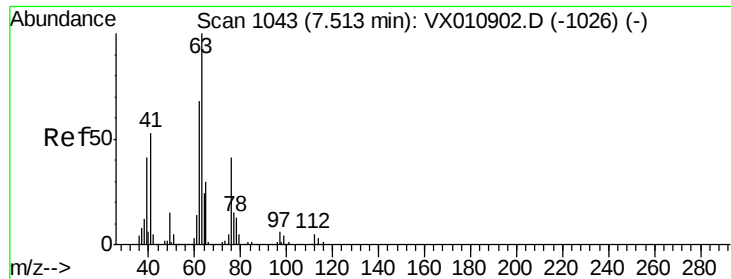
130 100

95 93.6 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): VX011157.D (-945) (-)

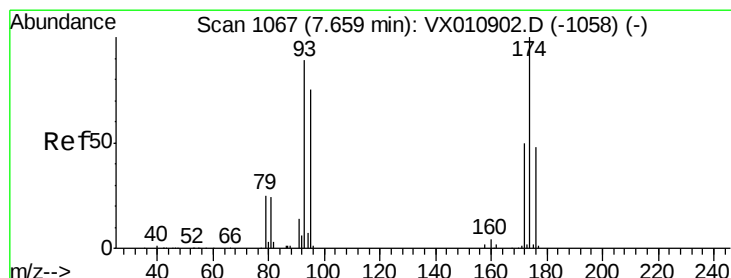
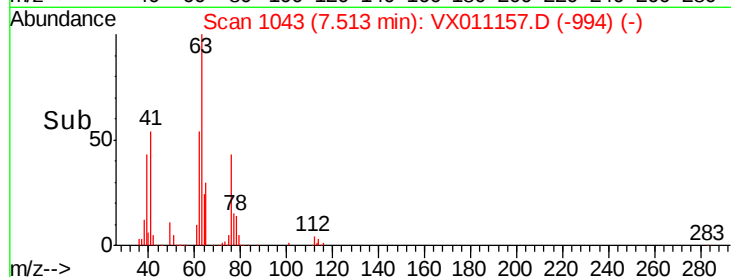
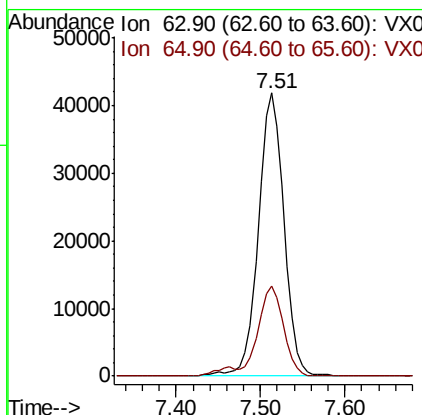
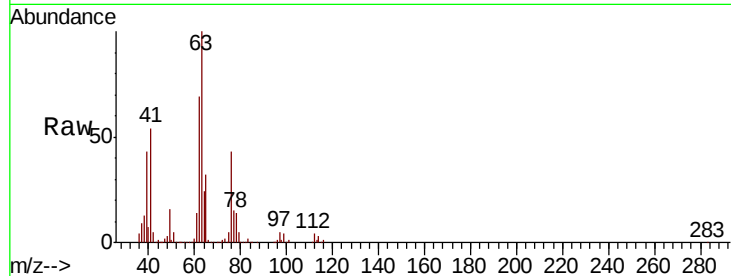




#45
 1,2-Dichloropropane
 Concen: 51.259 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

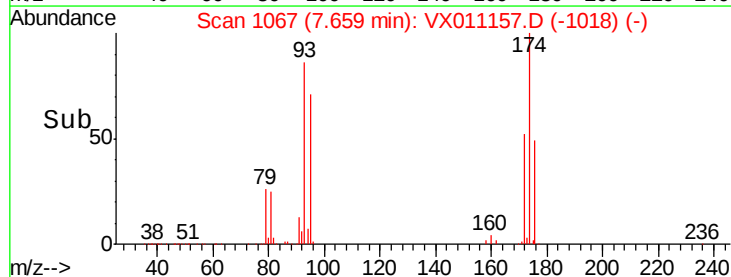
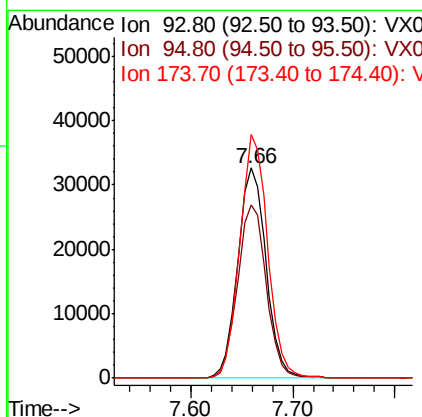
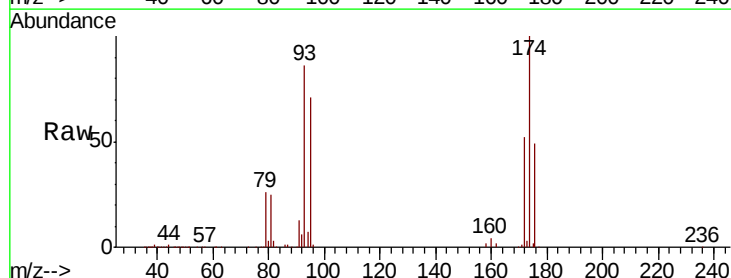
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681MS

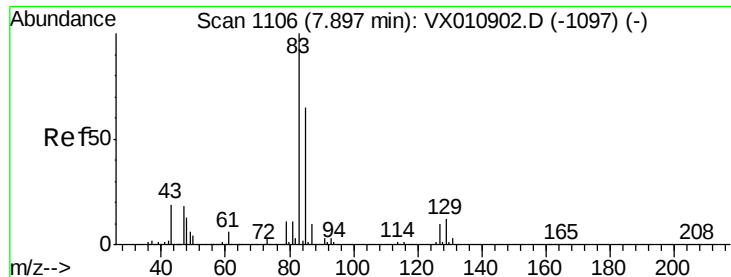
Tot Ion: 63 Resp: 87357
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6



#46
 Dibromomethane
 Concen: 51.440 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Tgt Ion: 93 Resp: 62643
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.2 100.8
 174 114.8 90.6 135.8

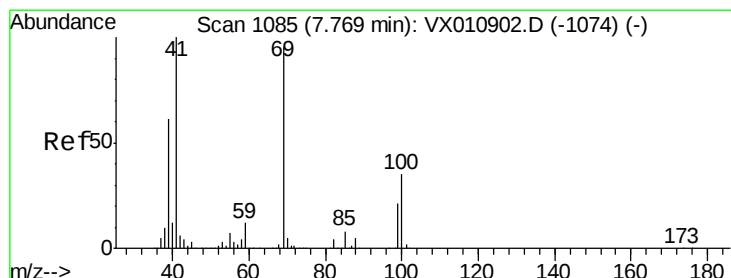
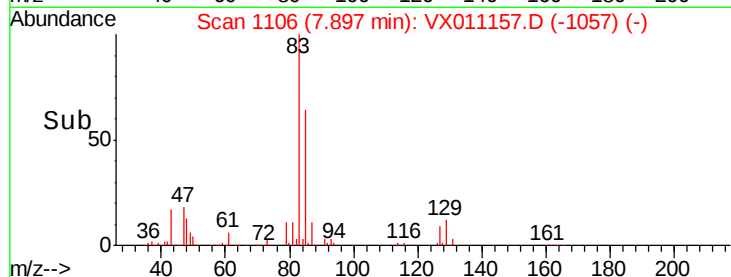
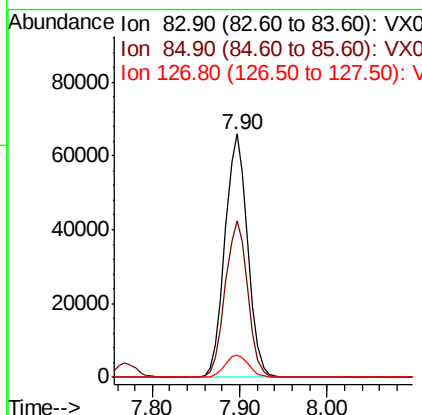
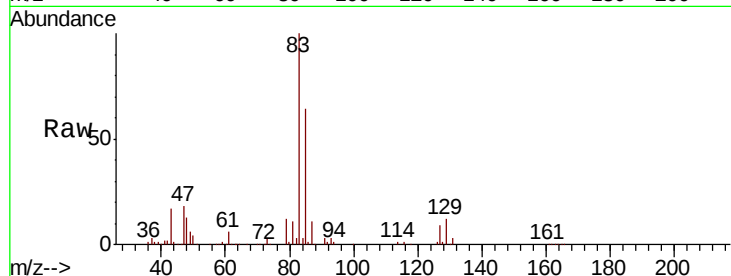




#47
 Bromodichloromethane
 Concen: 54.673 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

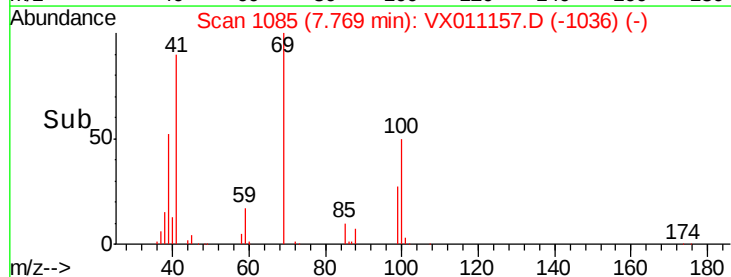
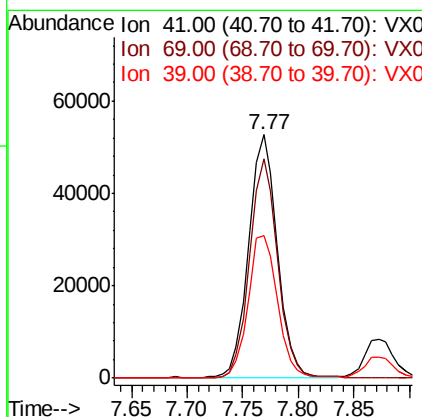
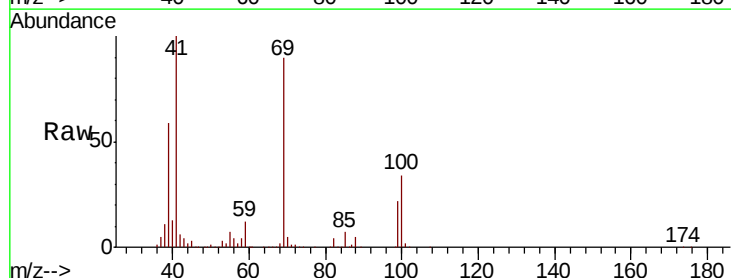
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681MS

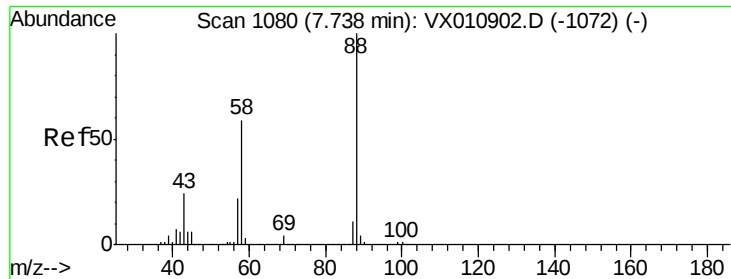
Tot Ion: 83 Resp: 118517
 Ion Ratio Lower Upper
 83 100
 85 64.3 52.5 78.7
 127 9.3 7.8 11.8



#48
 Methyl methacrylate
 Concen: 53.117 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Tgt Ion: 41 Resp: 95235
 Ion Ratio Lower Upper
 41 100
 69 88.6 74.4 111.6
 39 59.4 48.9 73.3

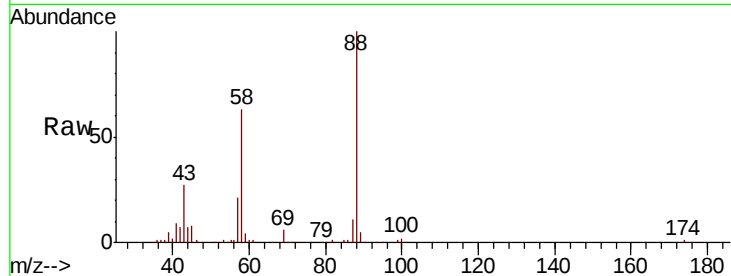




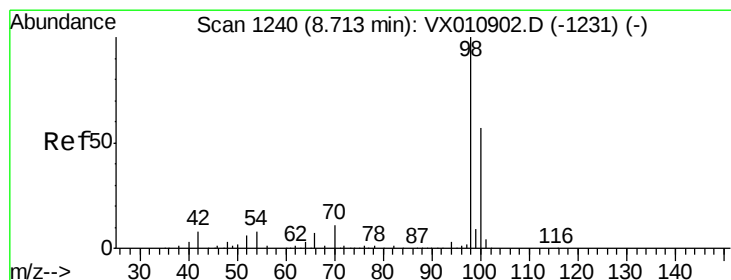
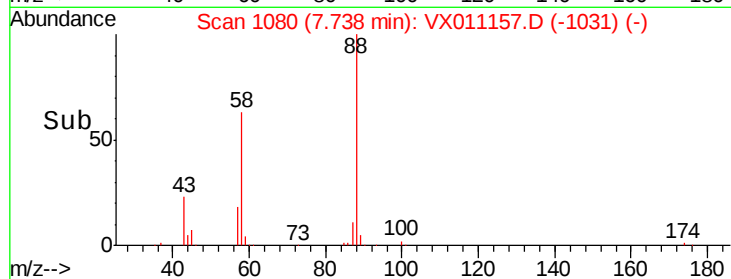
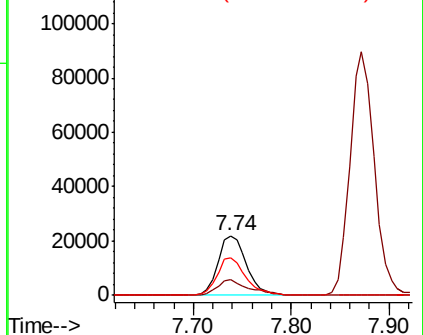
#49
 1,4-Dioxane
 Concen: 880.513 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681MS

Tot Ion: 88 Resp: 44160
 Ion Ratio Lower Upper
 88 100
 43 28.4 22.9 34.3
 58 63.9 49.8 74.8

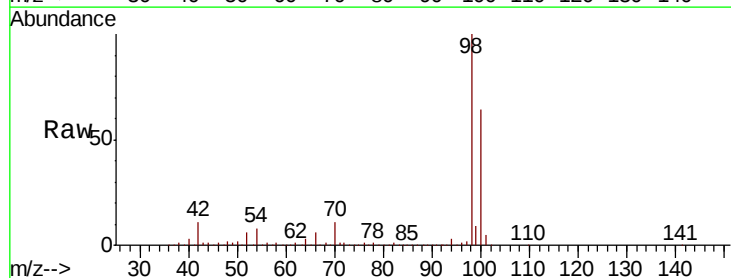


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

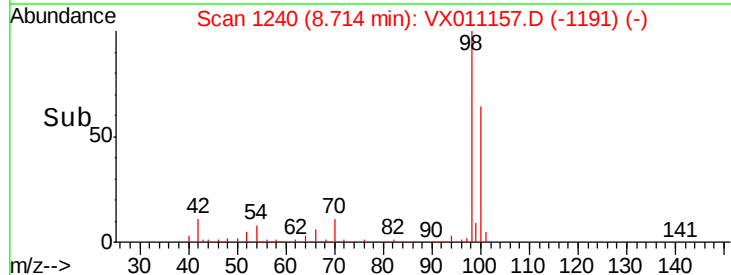
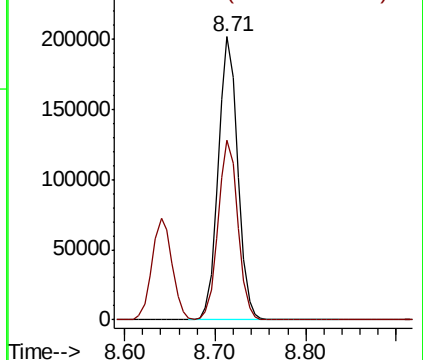


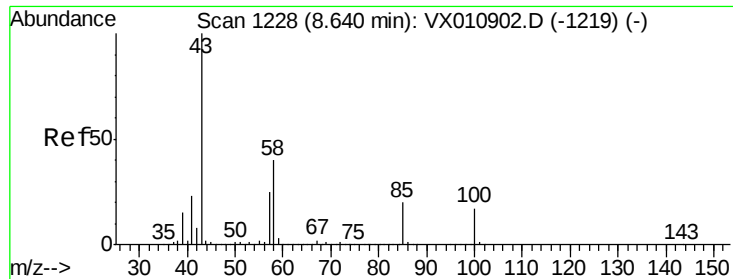
#50
 Toluene-d8
 Concen: 47.957 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Tgt Ion: 98 Resp: 303815
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.6 75.8



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: 273.537 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

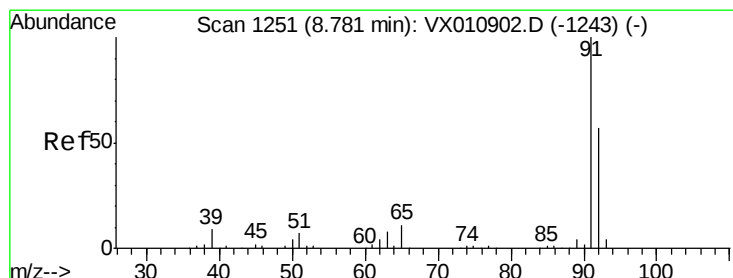
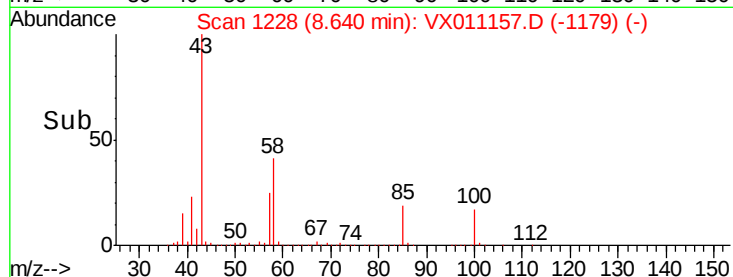
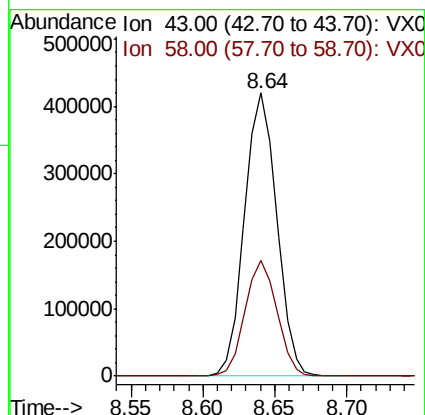
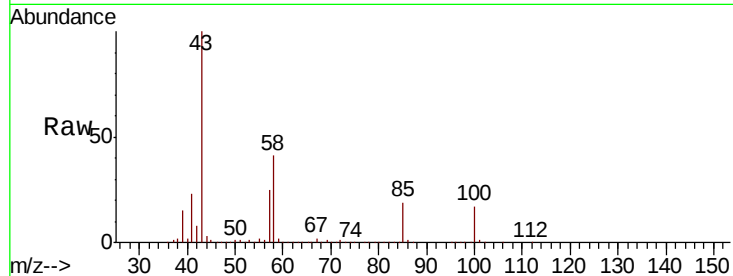
Z3-0681MS

Tot Ion: 43 Resp: 652608

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.4



#52

Toluene

Concen: 50.459 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011157.D

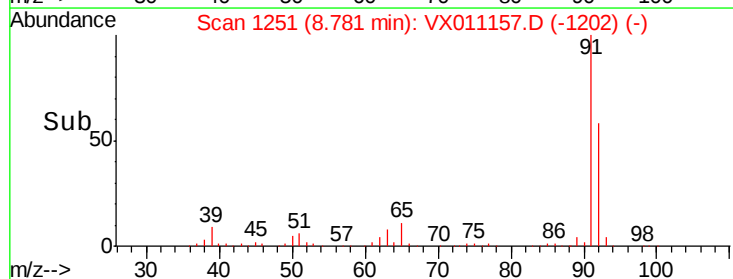
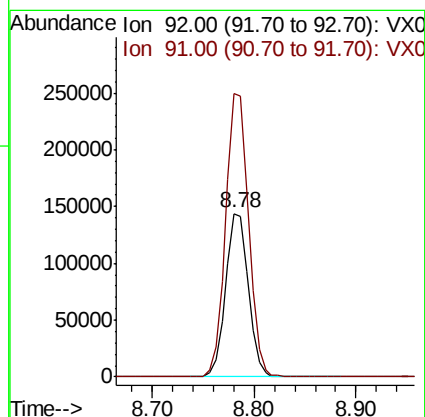
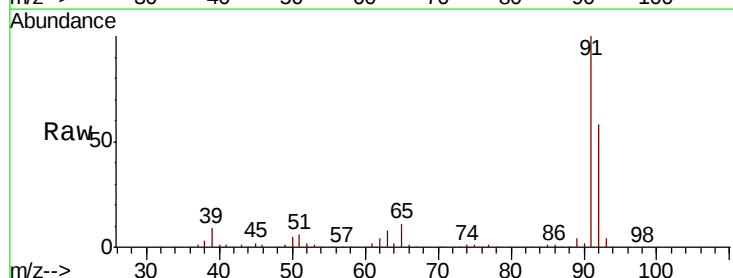
Acq: 29 Jul 2019 19:42

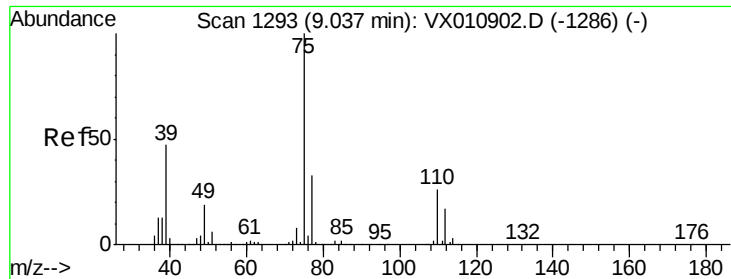
Tgt Ion: 92 Resp: 221957

Ion Ratio Lower Upper

92 100

91 175.6 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 52.444 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

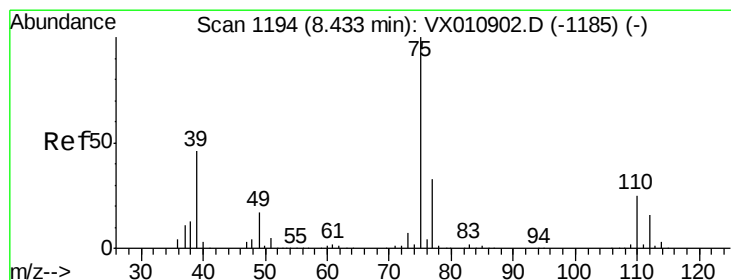
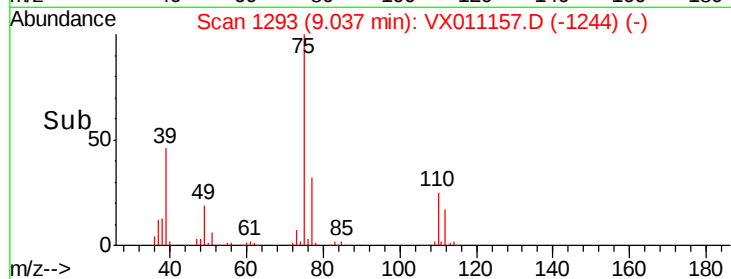
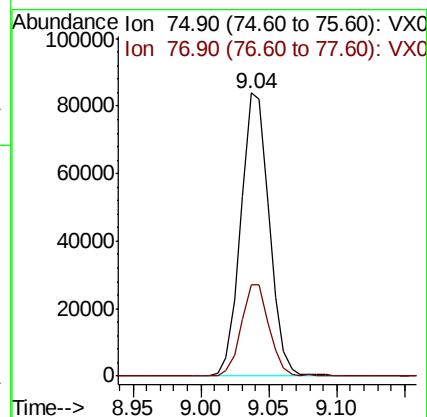
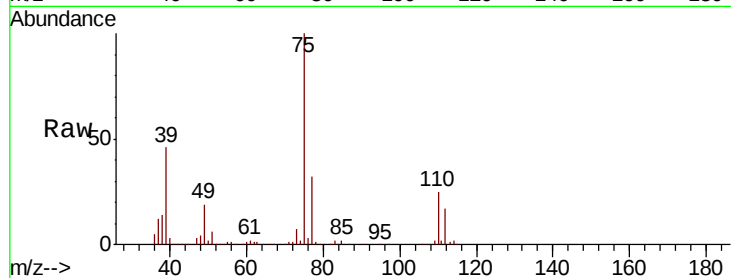
Z3-0681MS

Tot Ion: 75 Resp: 122242

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 51.643 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

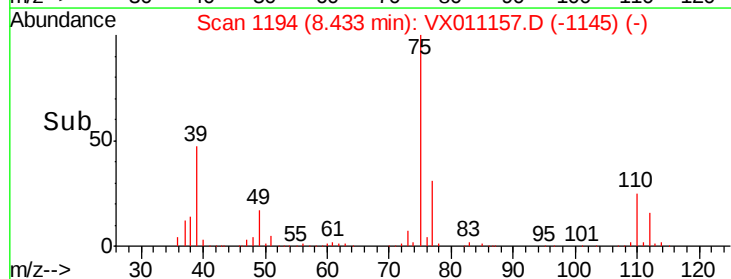
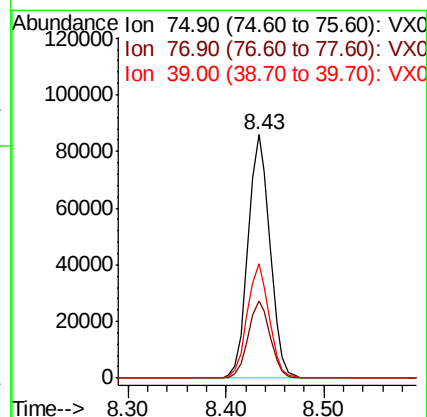
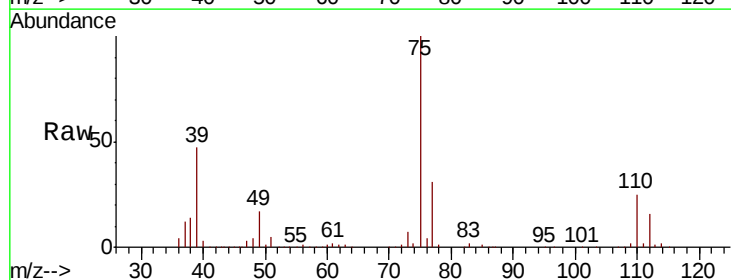
Tgt Ion: 75 Resp: 133946

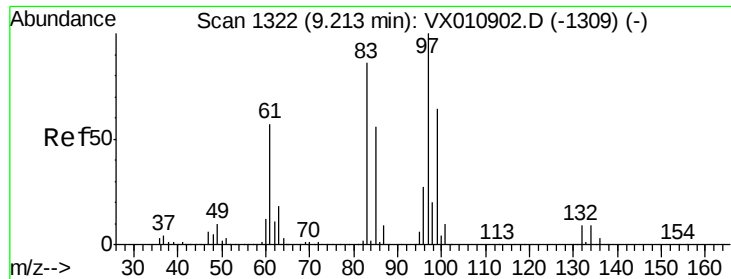
Ion Ratio Lower Upper

75 100

77 31.5 26.1 39.1

39 47.0 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 52.915 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

Z3-0681MS

Tot Ion: 97 Resp: 95837

Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.2	103.8
85	54.5	44.6	66.8
99	62.5	51.2	76.8

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

9.21

Time-->

9.10 9.20 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

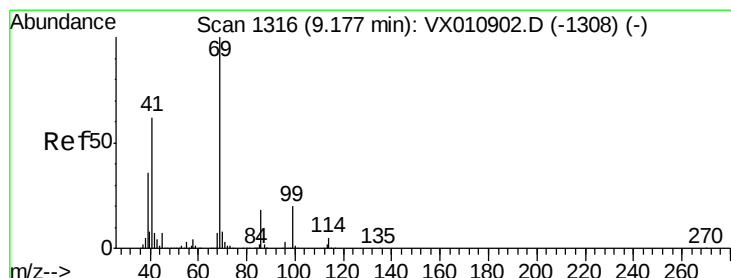
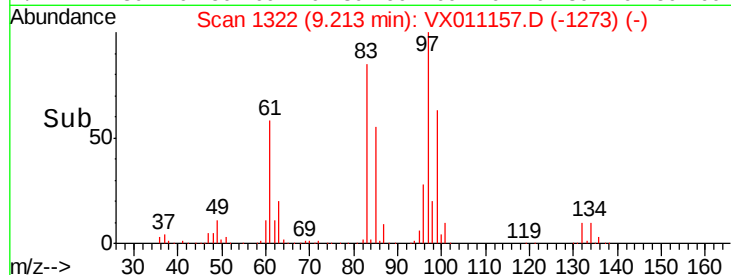
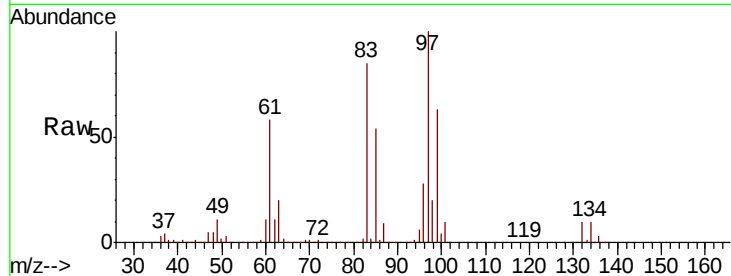
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

9.21

Time-->

9.10 9.20 9.30



#56

Ethyl methacrylate

Concen: 54.166 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Tgt Ion: 69 Resp: 143501

Ion	Ratio	Lower	Upper
69	100		
41	62.6	49.7	74.5
39	38.2	29.6	44.4

Abundance

Ion 69.00 (68.70 to 69.70): VX0

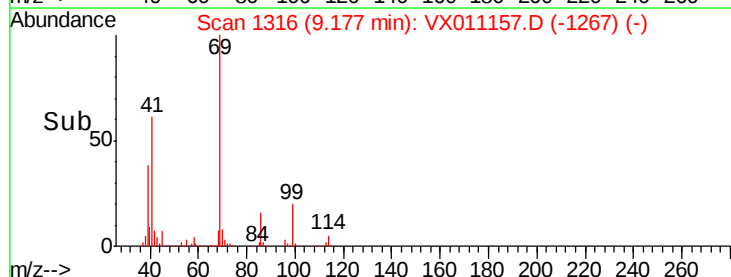
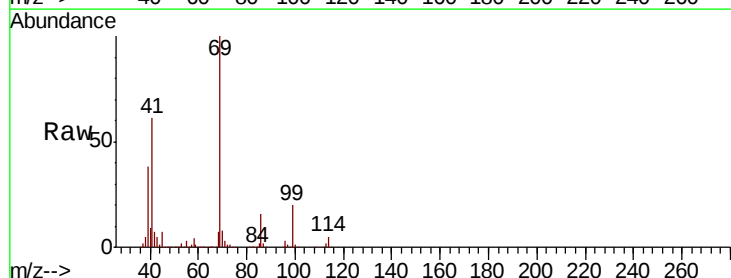
Ion 41.00 (40.70 to 41.70): VX0

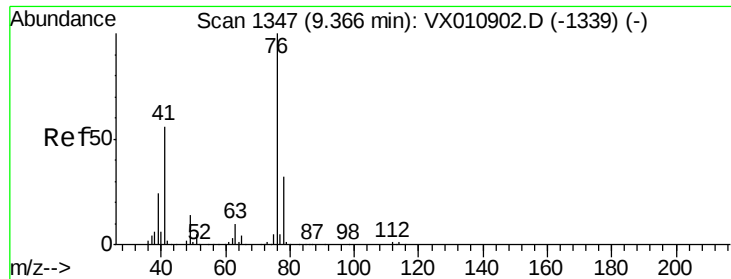
Ion 39.00 (38.70 to 39.70): VX0

9.18

Time-->

9.10 9.20 9.30





#57

1,3-Dichloropropane

Concen: 52.357 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

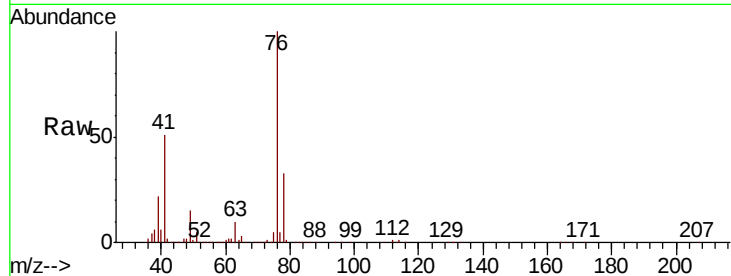
Z3-0681MS

Tot Ion: 76 Resp: 150430

Ion Ratio Lower Upper

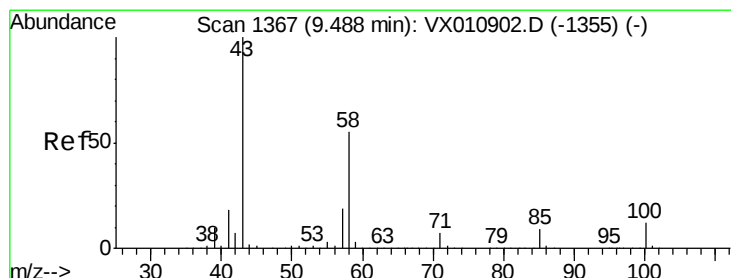
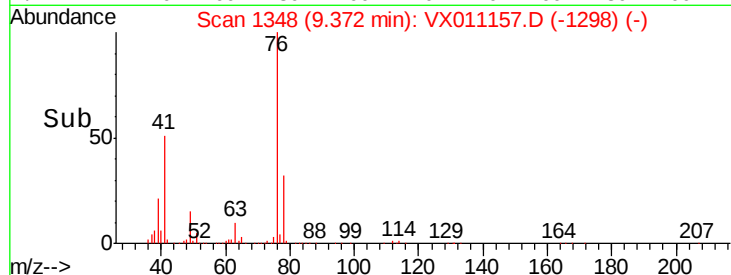
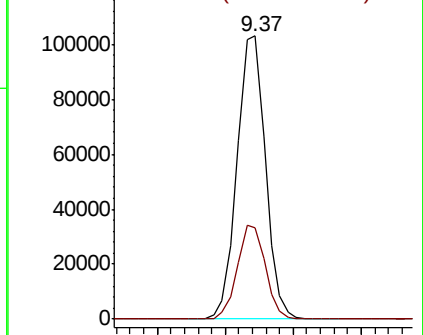
76 100

78 32.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 274.957 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX011157.D

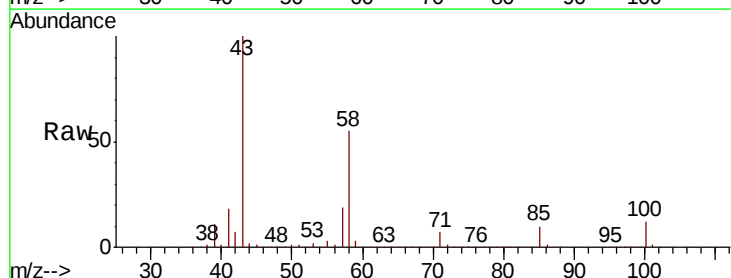
Acq: 29 Jul 2019 19:42

Tgt Ion: 43 Resp: 508801

Ion Ratio Lower Upper

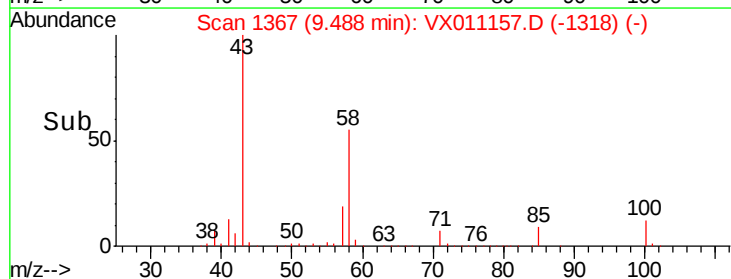
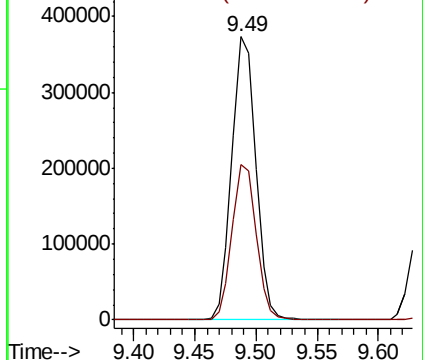
43 100

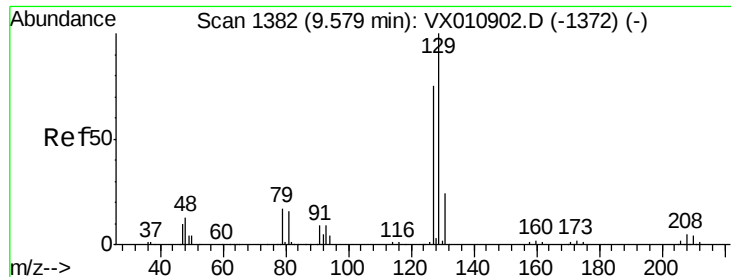
58 55.3 28.0 83.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 49.876 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

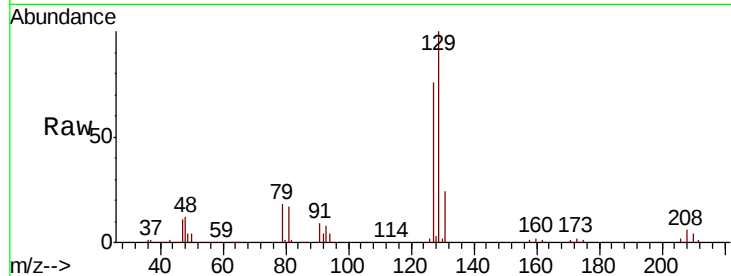
Z3-0681MS

Tot Ion:129 Resp: 103949

Ion Ratio Lower Upper

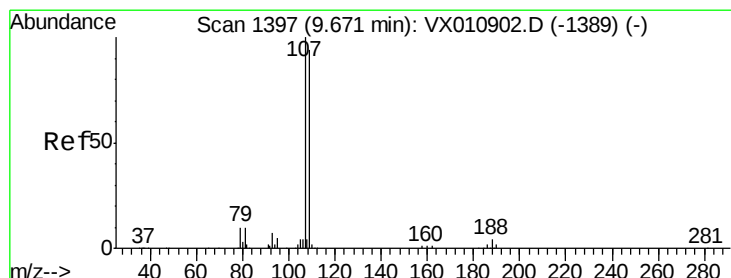
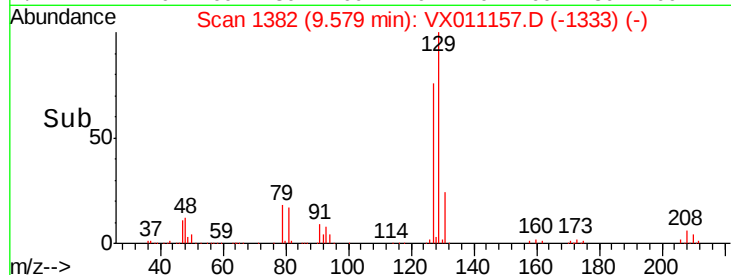
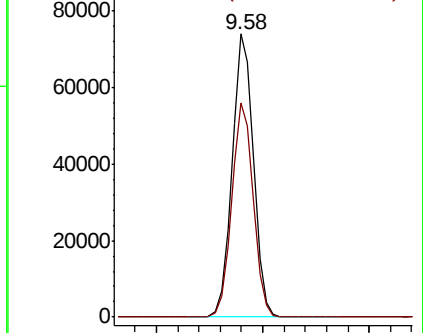
129 100

127 76.2 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.906 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011157.D

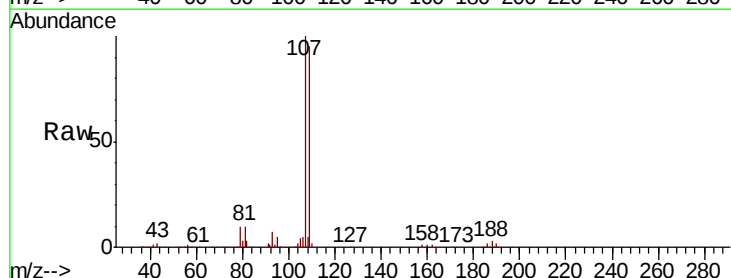
Acq: 29 Jul 2019 19:42

Tgt Ion:107 Resp: 101691

Ion Ratio Lower Upper

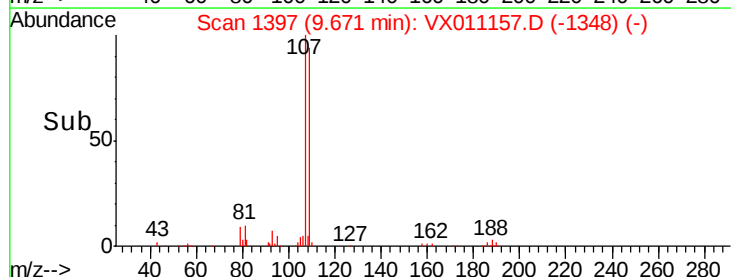
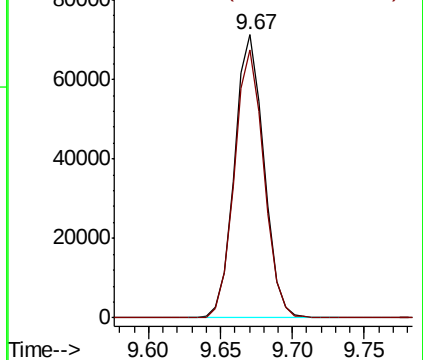
107 100

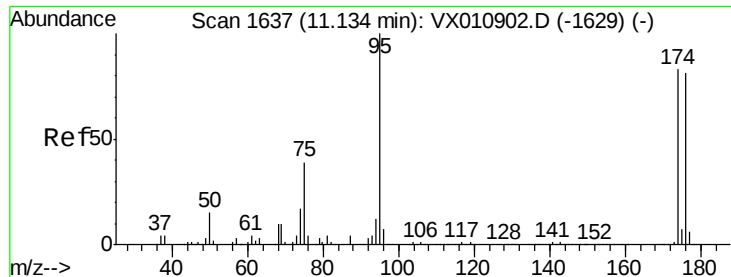
109 95.0 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.971 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

Z3-0681MS

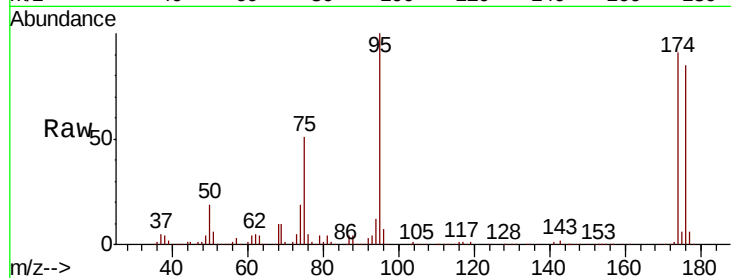
Tot Ion: 95 Resp: 116365

Ion Ratio Lower Upper

95 100

174 92.4 0.0 180.6

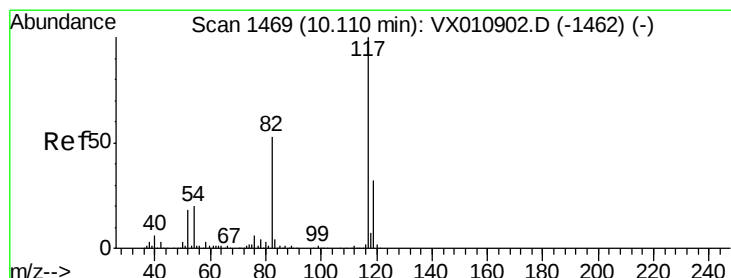
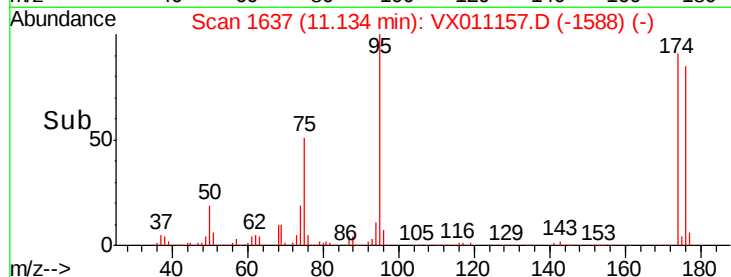
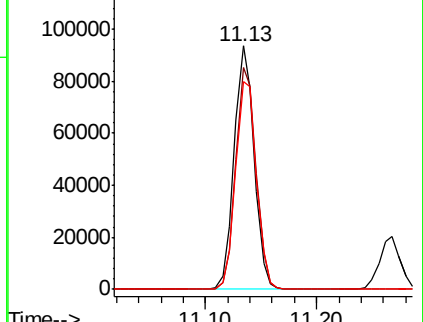
176 89.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011157.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011157.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011157.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

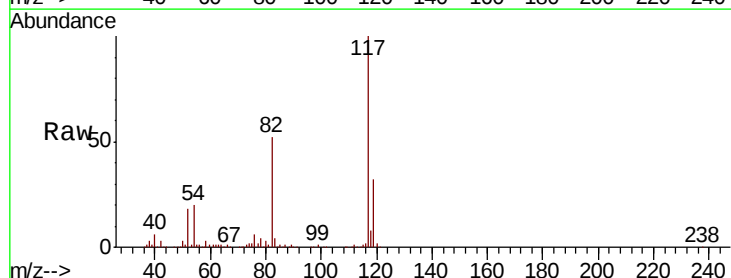
Tgt Ion: 117 Resp: 249291

Ion Ratio Lower Upper

117 100

82 51.7 42.6 63.8

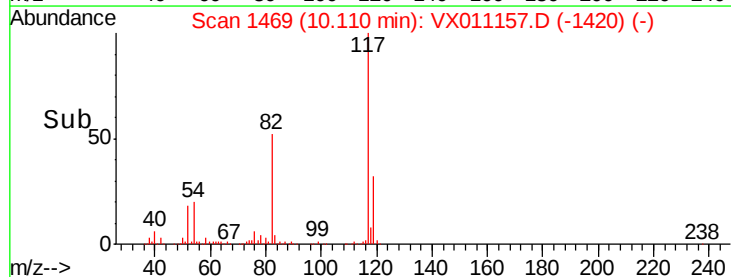
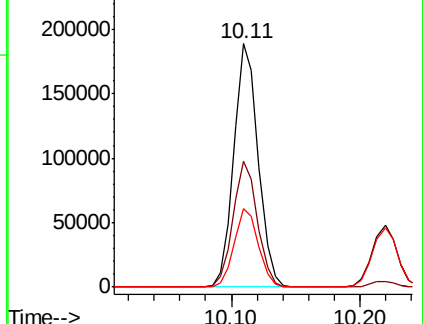
119 32.3 25.9 38.9

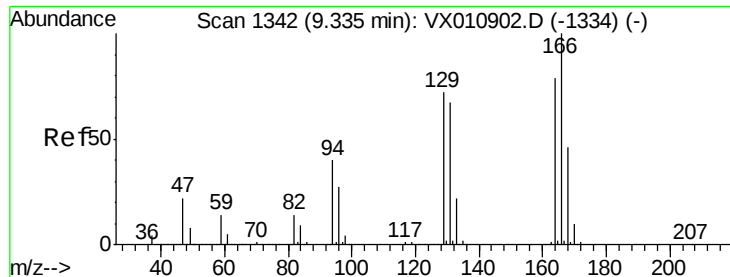


Abundance Ion 116.90 (116.60 to 117.60): VX011157.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011157.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011157.D (-1420) (-)

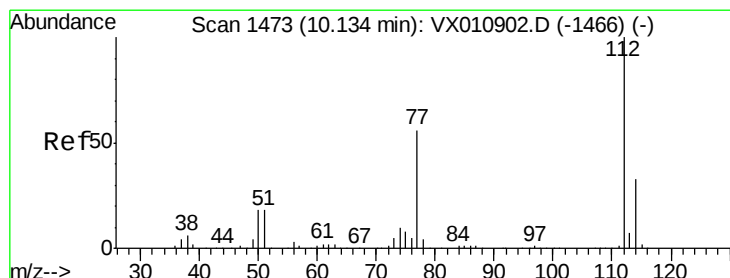
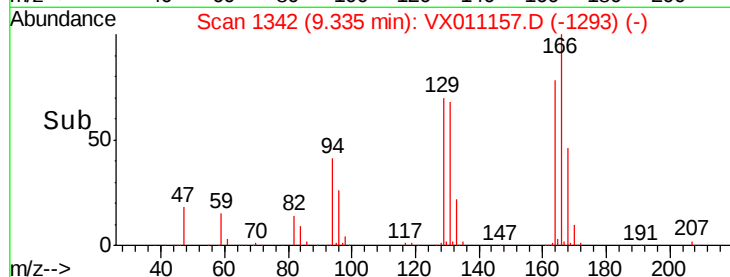
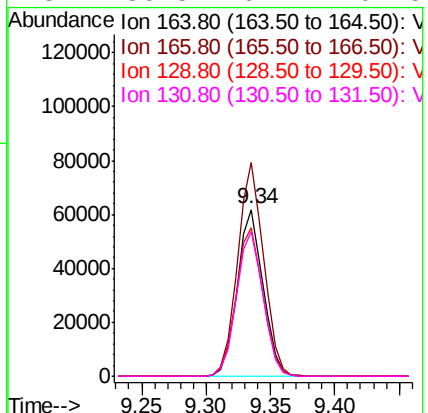
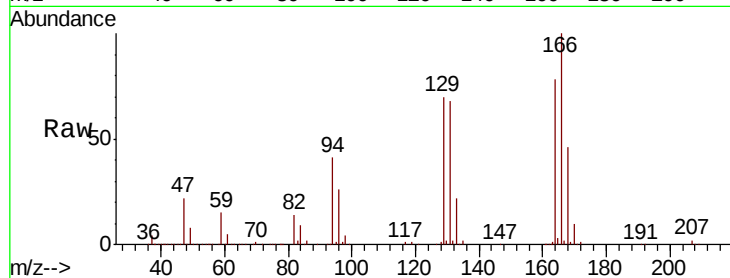




#64
Tetrachloroethene
Concen: 43.787 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

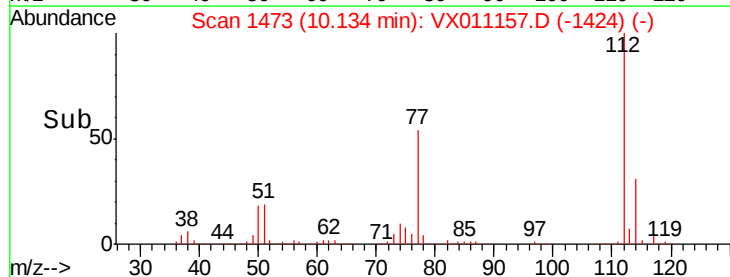
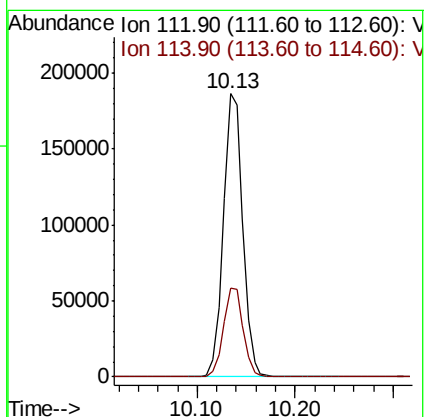
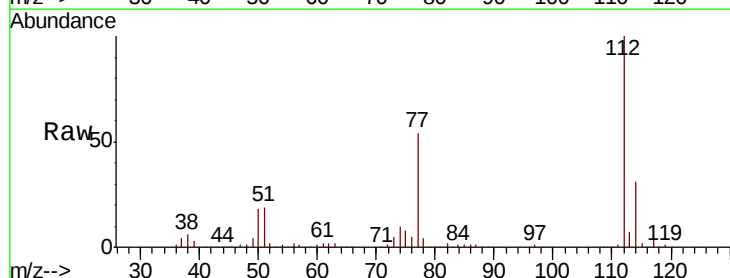
Instrument :
MSVOA_X
ClientSampleId :
Z3-0681MS

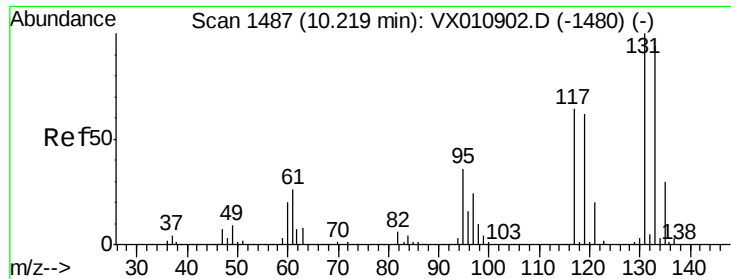
Tot Ion:164 Resp: 85872
Ion Ratio Lower Upper
164 100
166 128.0 100.8 151.2
129 89.1 72.6 109.0
131 86.5 67.7 101.5



#65
Chlorobenzene
Concen: 49.754 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion:112 Resp: 254753
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4





#66

1,1,1,2-Tetrachloroethane

Concen: 52.853 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

Z3-0681MS

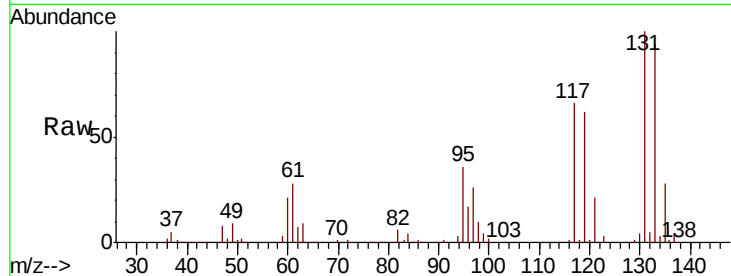
Tot Ion:131 Resp: 95111

Ion Ratio Lower Upper

131 100

133 96.5 47.1 141.4

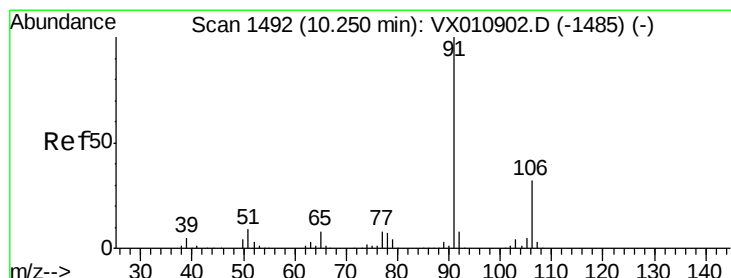
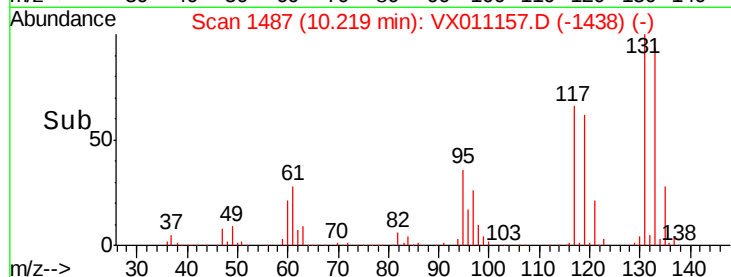
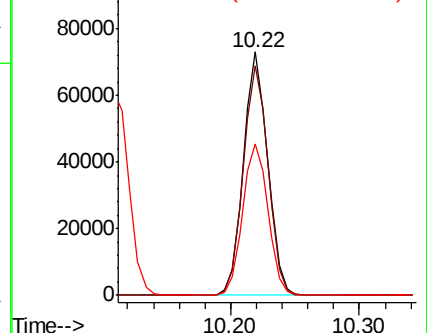
119 65.1 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.749 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011157.D

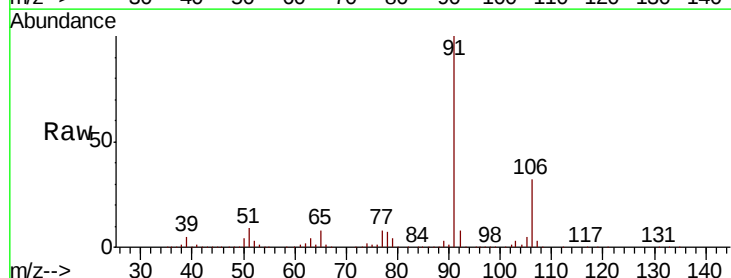
Acq: 29 Jul 2019 19:42

Tgt Ion: 91 Resp: 442292

Ion Ratio Lower Upper

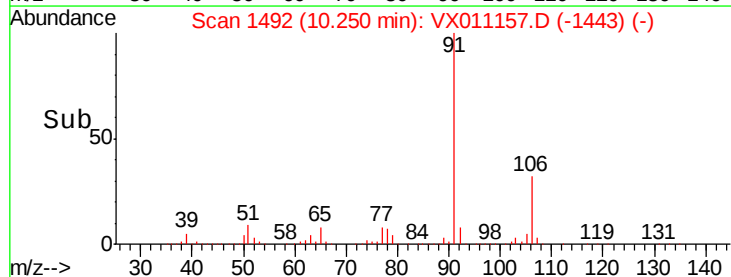
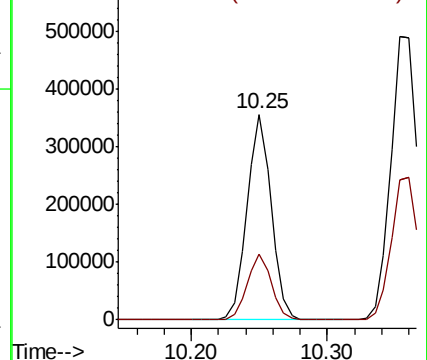
91 100

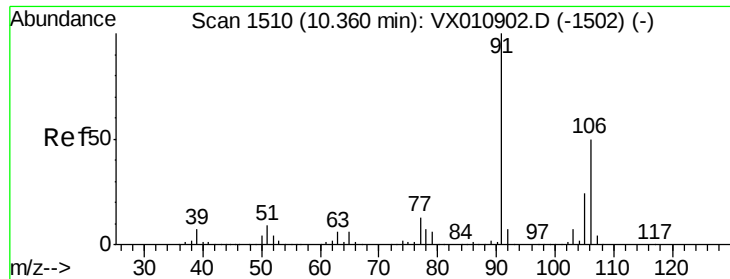
106 32.1 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

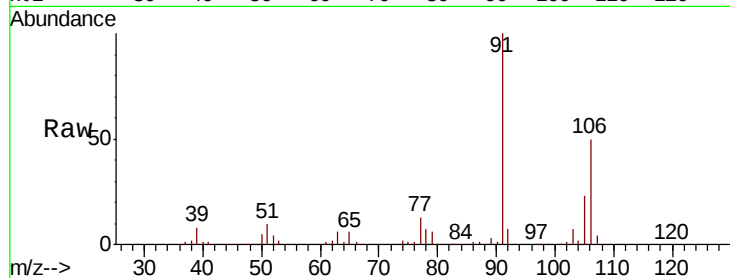




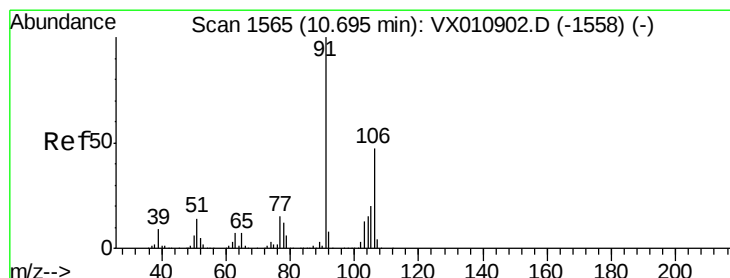
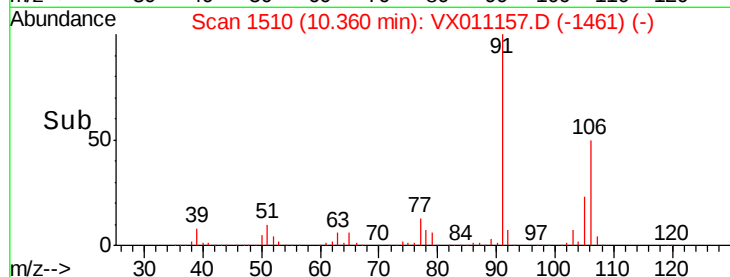
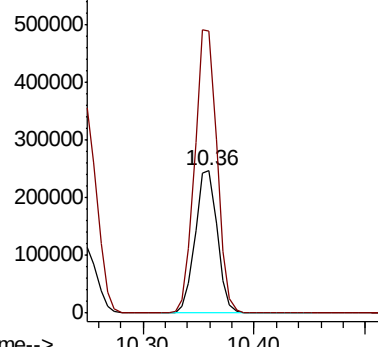
#68
m/p-Xylenes
Concen: 101.682 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampled :
Z3-0681MS

Tot Ion:106 Resp: 339934
Ion Ratio Lower Upper
106 100
91 200.2 160.1 240.1

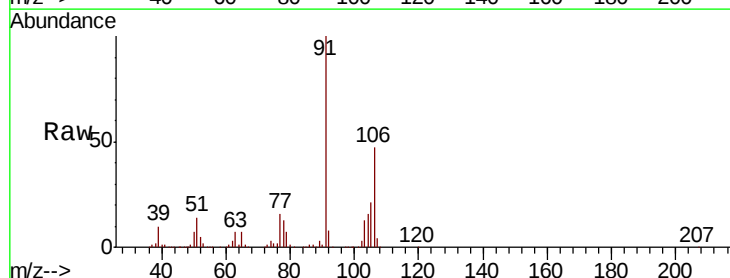


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

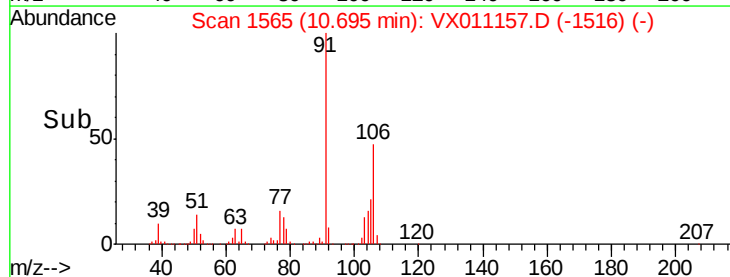
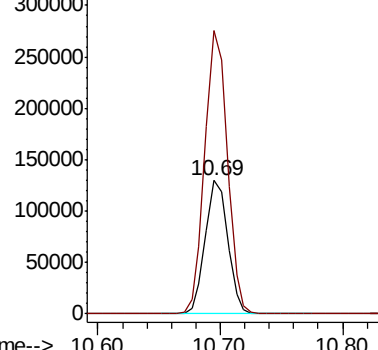


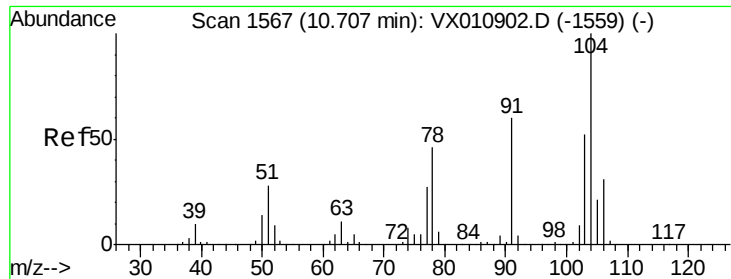
#69
o-Xylene
Concen: 50.759 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion:106 Resp: 165611
Ion Ratio Lower Upper
106 100
91 211.6 105.1 315.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

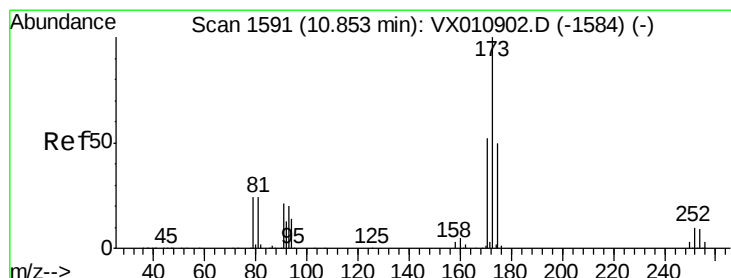
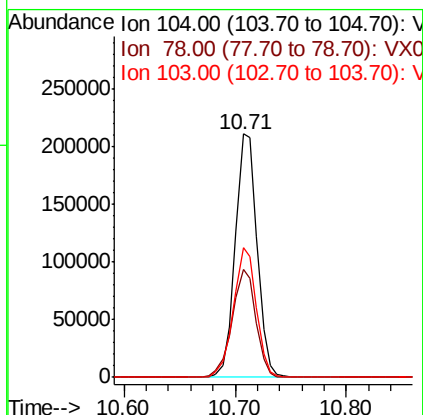
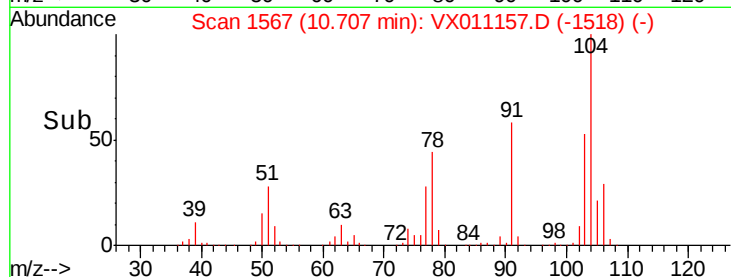
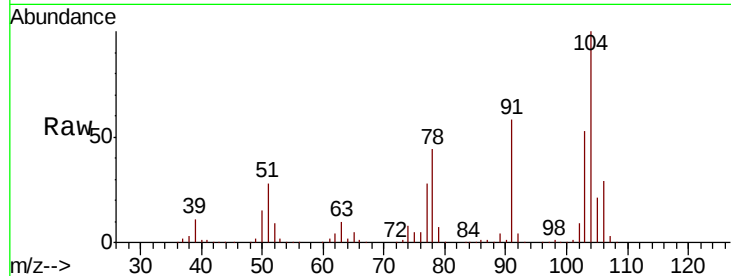




#70
Stvrene
Concen: 52.602 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

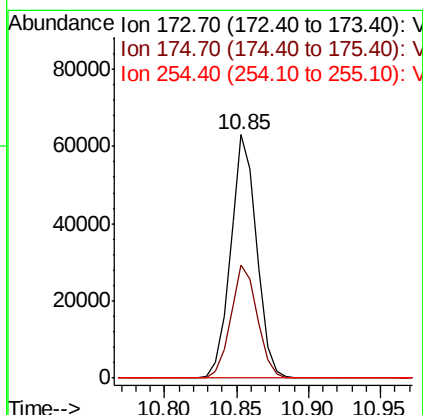
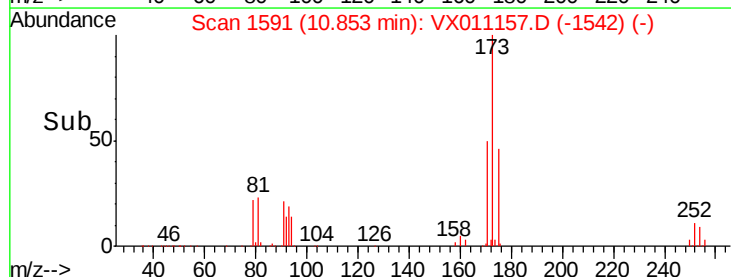
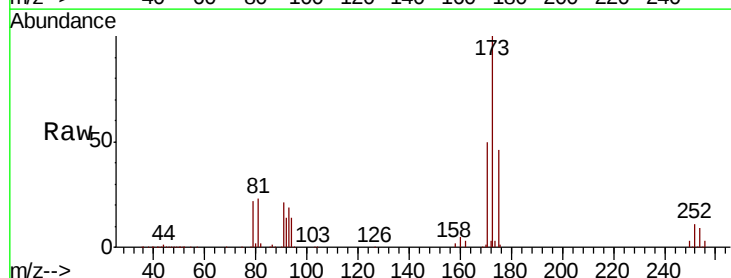
Instrument :
MSVOA_X
ClientSampled :
Z3-0681MS

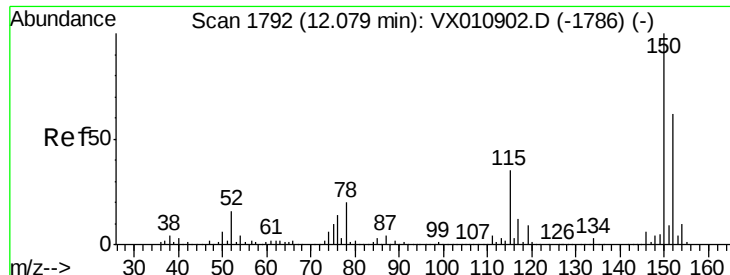
Tot Ion:104 Resp: 286098
Ion Ratio Lower Upper
104 100
78 48.1 38.8 58.2
103 55.9 44.2 66.4



#71
Bromoform
Concen: 48.640 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion:173 Resp: 79577
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.6
254 0.1 0.1 0.1#



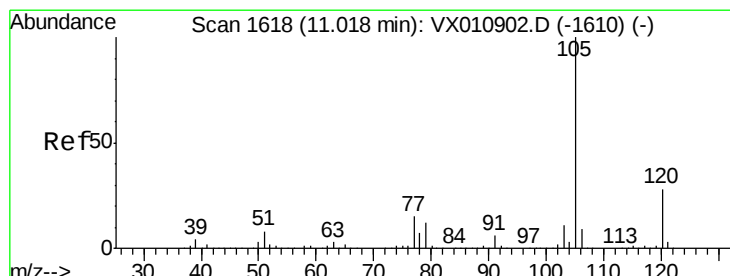
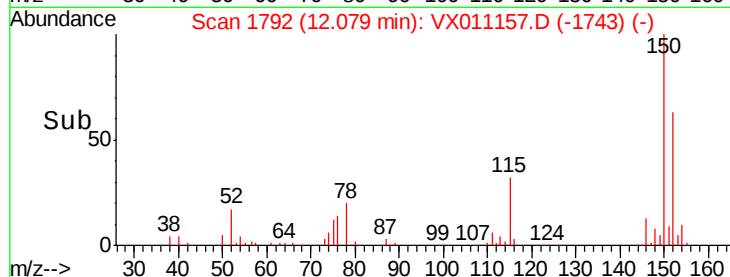
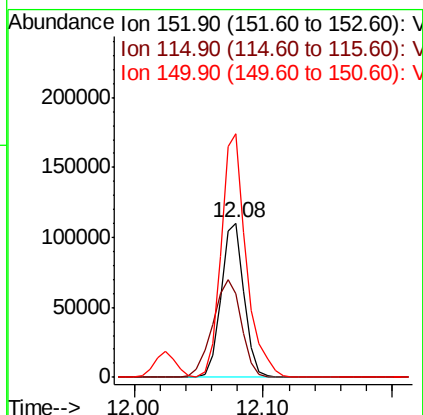
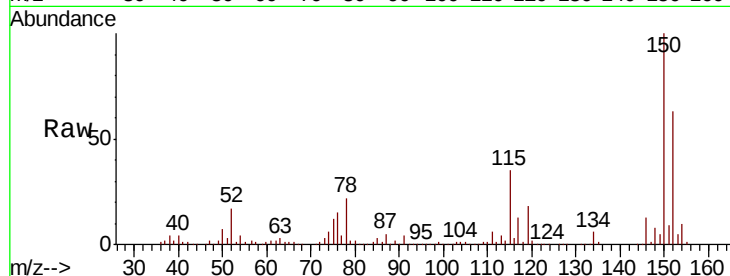


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Instrument :
MSVOA_X
ClientSampleId :
Z3-0681MS

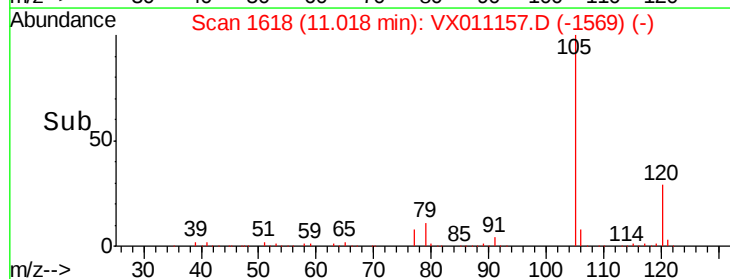
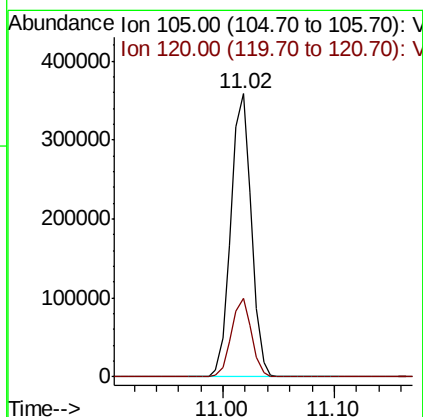
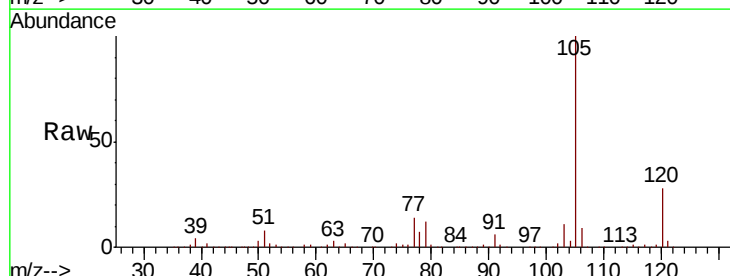
Tot Ion:152 Resp: 137896
Ion Ratio Lower Upper
152 100
115 79.1 39.7 119.1
150 171.5 0.0 345.6

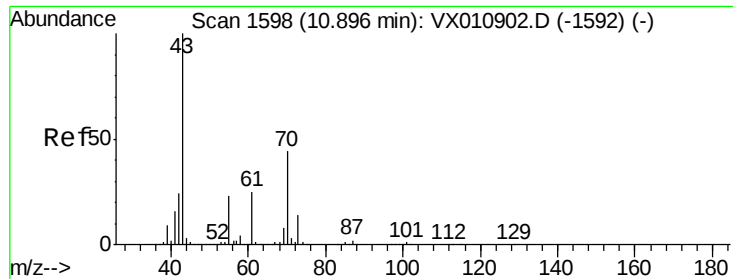


#73

Isopropylbenzene
Concen: 48.771 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion:105 Resp: 454433
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.1





#74

N-amvl acetate

Concen: 48.236 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

Z3-0681MS

Tot Ion: 43 Resp: 171729

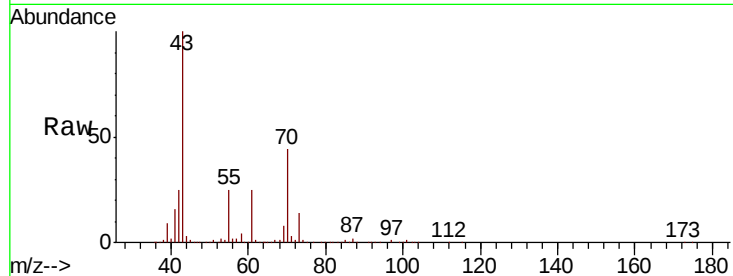
Ion Ratio Lower Upper

43 100

70 43.6 34.7 52.1

55 24.6 19.1 28.7

61 24.3 19.9 29.9

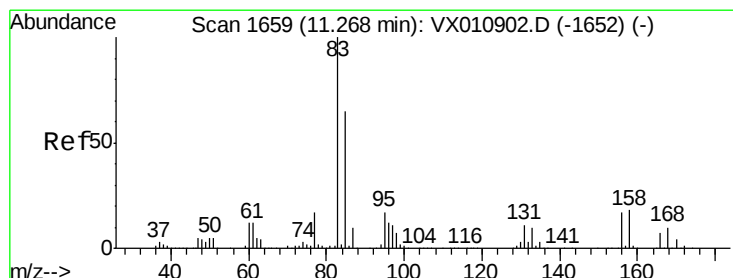
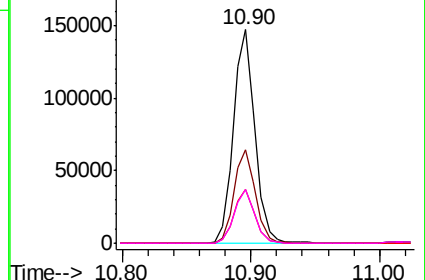
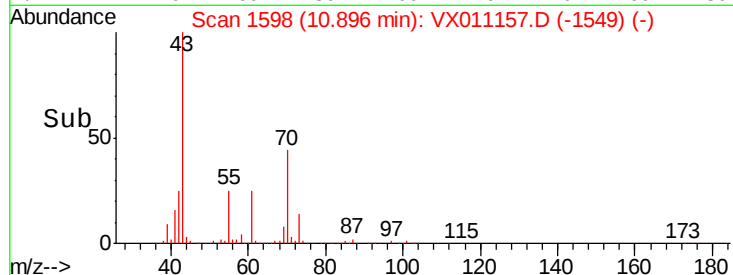


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.929 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

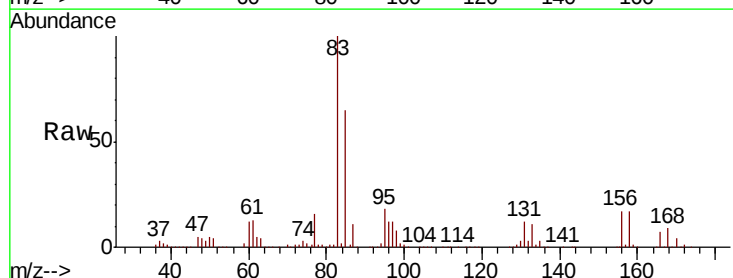
Tgt Ion: 83 Resp: 155296

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

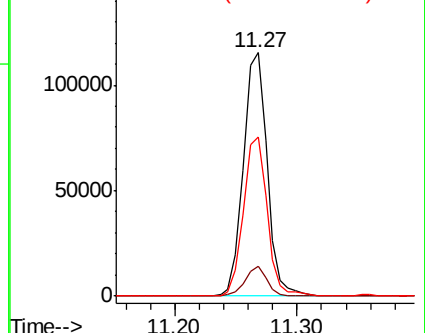
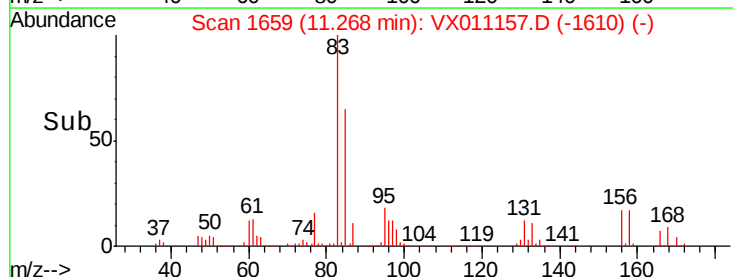
85 65.1 32.3 96.9

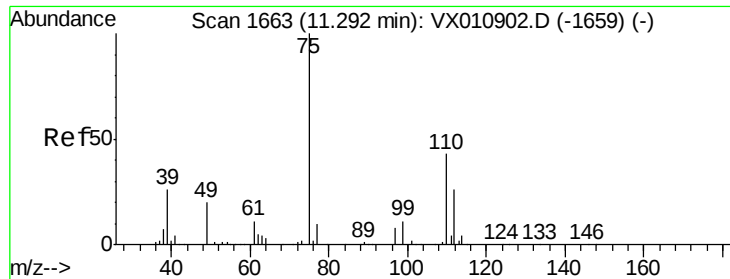


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 66.742 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

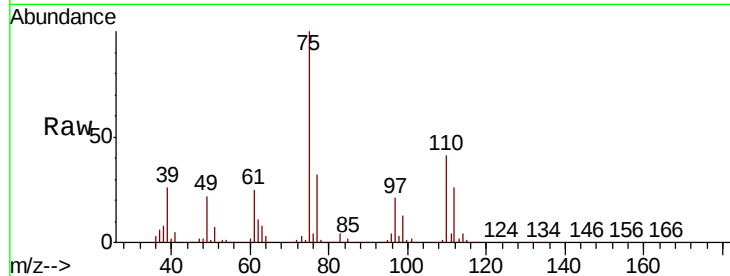
Z3-0681MS

Tot Ion: 75 Resp: 166080

Ion Ratio Lower Upper

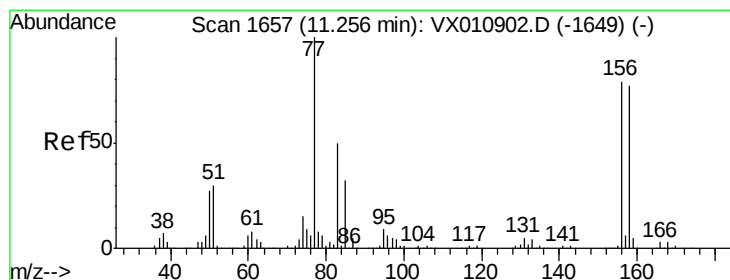
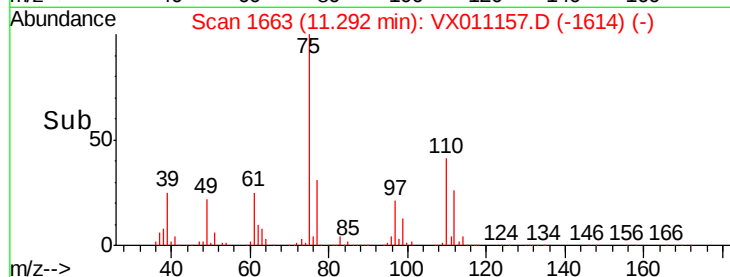
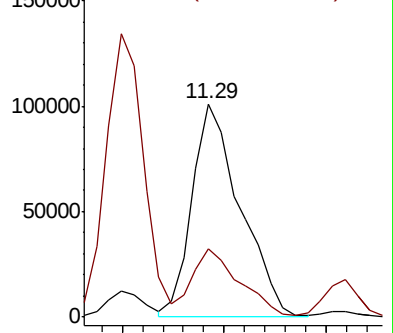
75 100

77 31.6 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.427 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

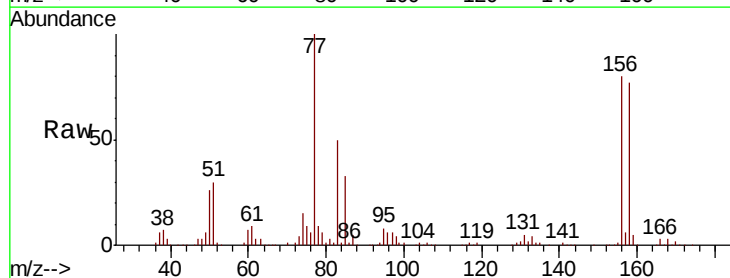
Tgt Ion: 156 Resp: 124464

Ion Ratio Lower Upper

156 100

77 138.3 68.7 206.1

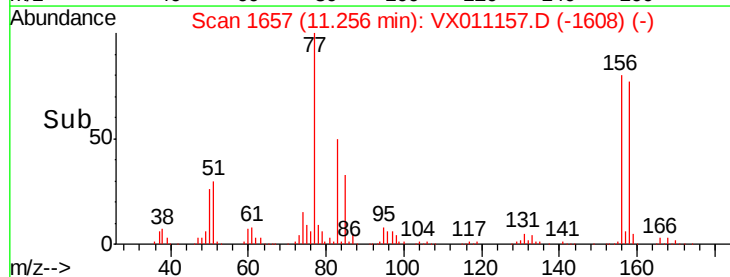
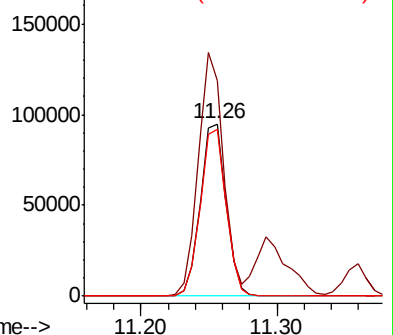
158 97.6 47.9 143.7

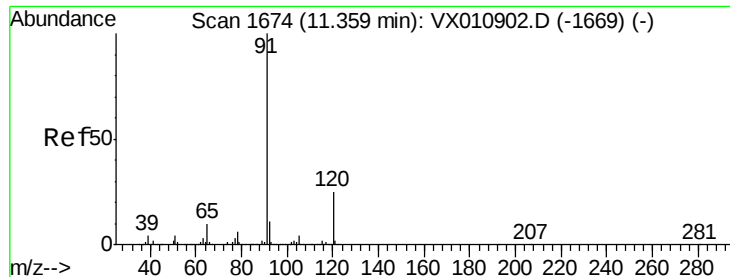


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 49.488 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

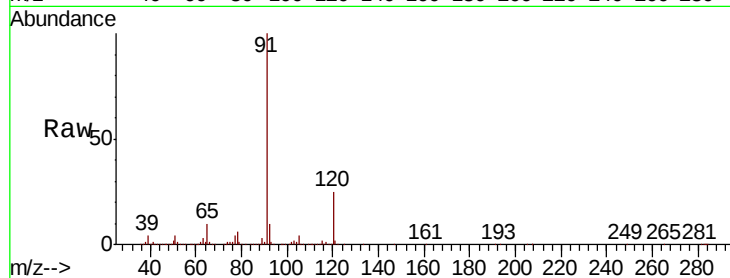
Z3-0681MS

Tot Ion: 91 Resp: 509487

Ion Ratio Lower Upper

91 100

120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

500000

400000

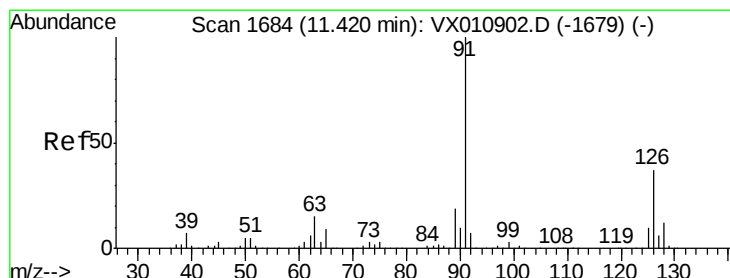
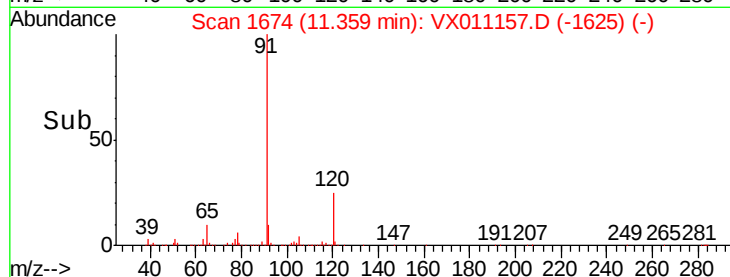
300000

200000

100000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 48.936 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011157.D

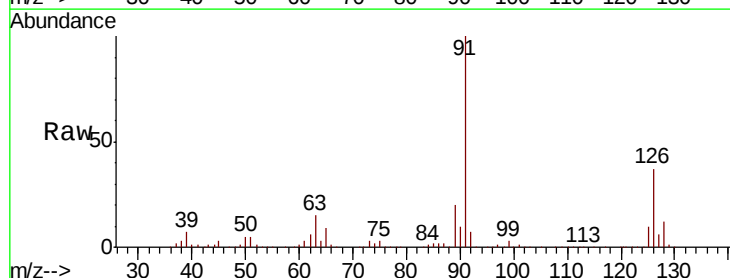
Acq: 29 Jul 2019 19:42

Tgt Ion: 91 Resp: 302649

Ion Ratio Lower Upper

91 100

126 36.3 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

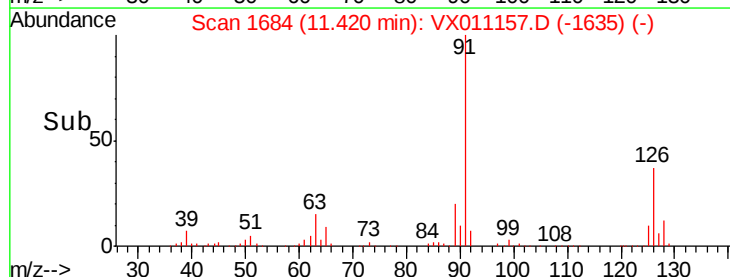
300000

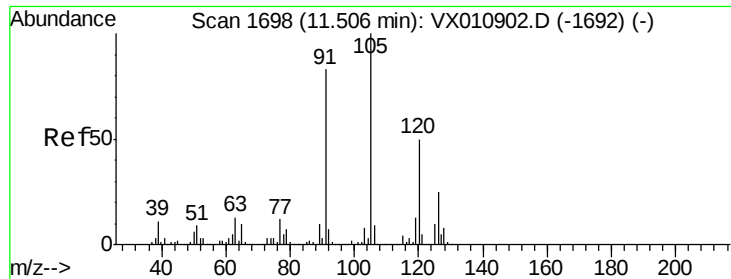
200000

100000

0

Time--> 11.40 11.45

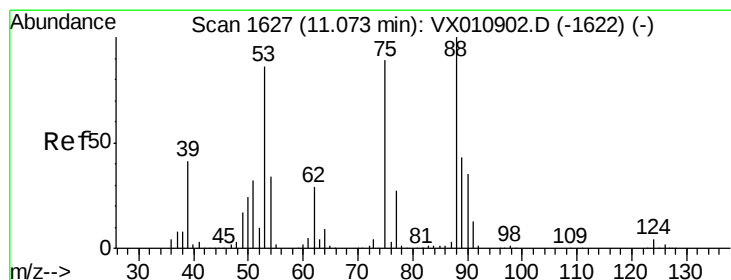
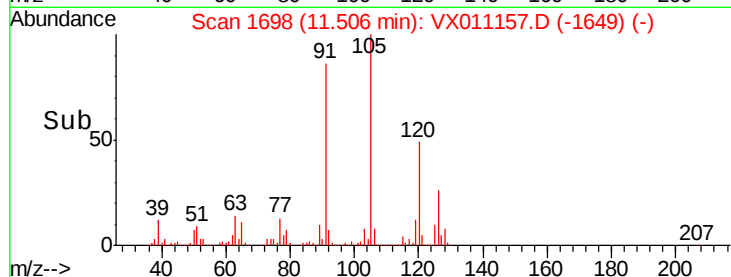
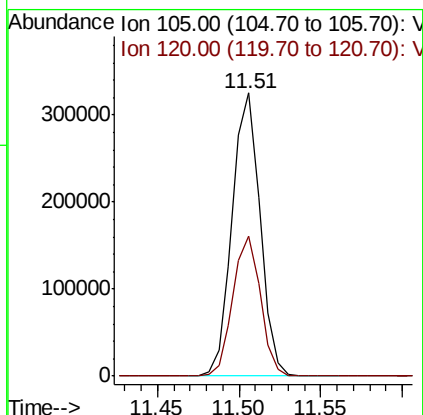
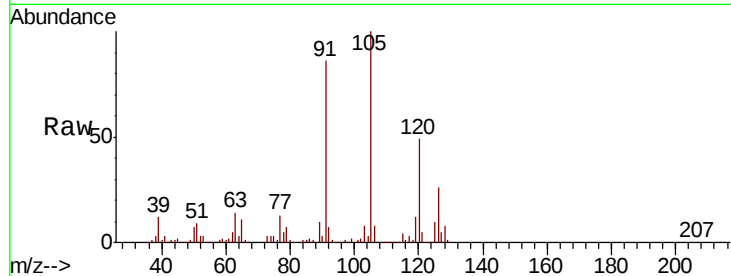




#80
 1,3,5-Trimethylbenzene
 Concen: 49.777 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

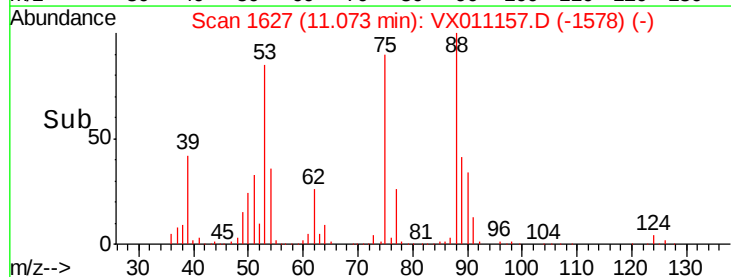
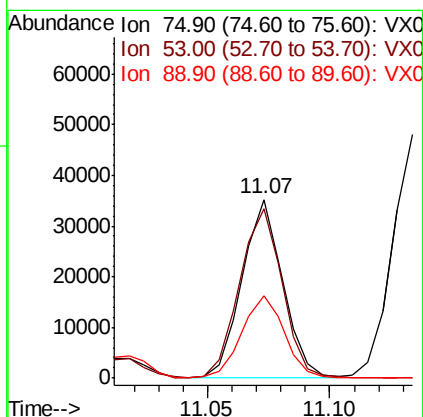
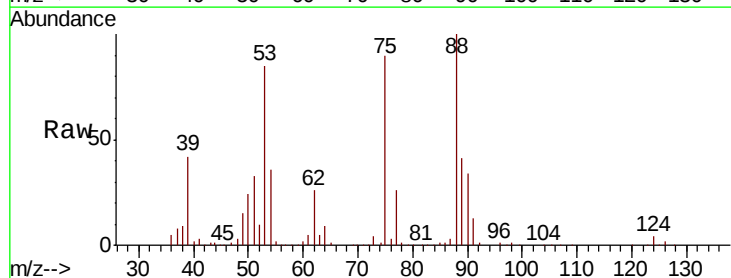
Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0681MS

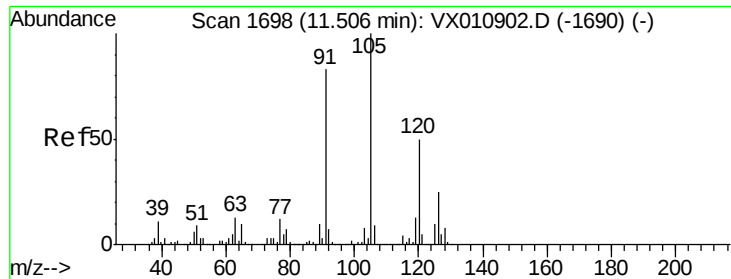
Tot Ion:105 Resp: 387554
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.475 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Tgt Ion: 75 Resp: 41079
 Ion Ratio Lower Upper
 75 100
 53 98.8 76.7 115.1
 89 47.9 38.5 57.7

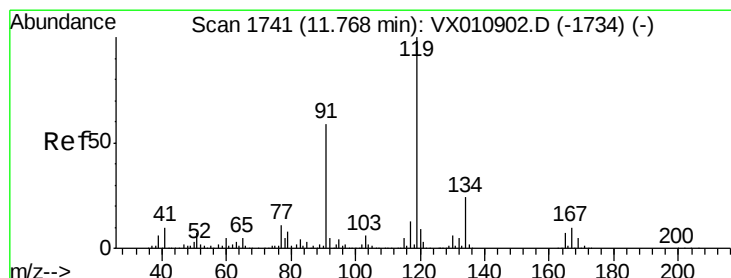
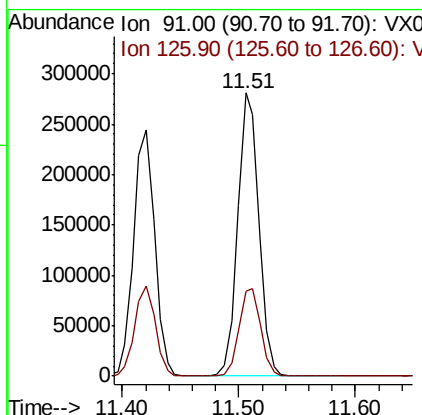
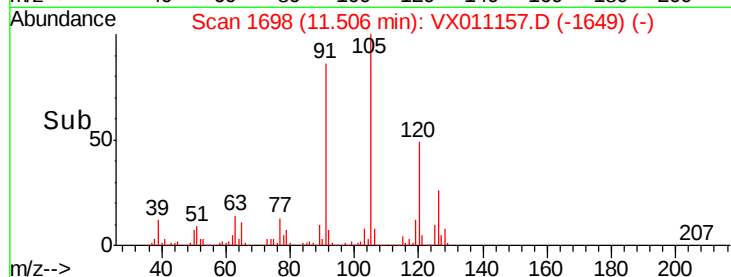
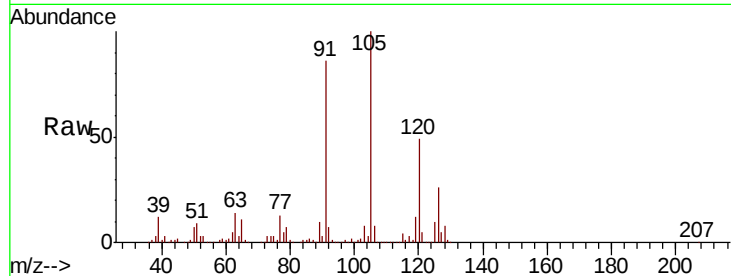




#82
4-Chlorotoluene
Concen: 49.324 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

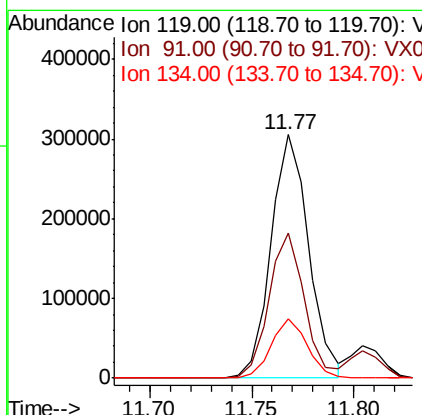
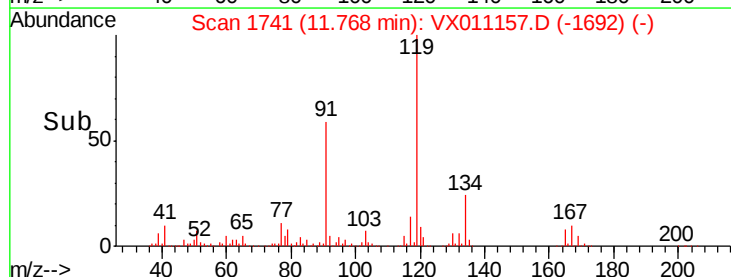
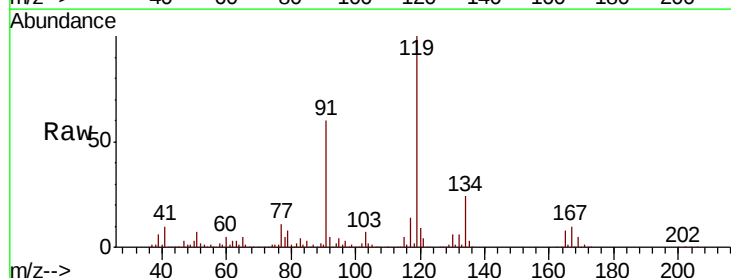
Instrument :
MSVOA_X
ClientSampleId :
Z3-0681MS

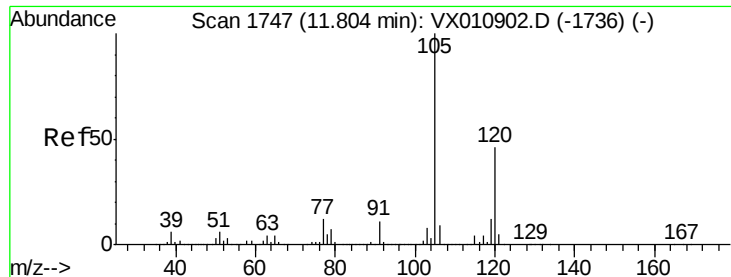
Tot Ion: 91 Resp: 355046
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7



#83
tert-Butylbenzene
Concen: 51.403 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011157.D
Acq: 29 Jul 2019 19:42

Tgt Ion: 119 Resp: 393110
Ion Ratio Lower Upper
119 100
91 56.1 28.6 85.8
134 23.2 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 49.572 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

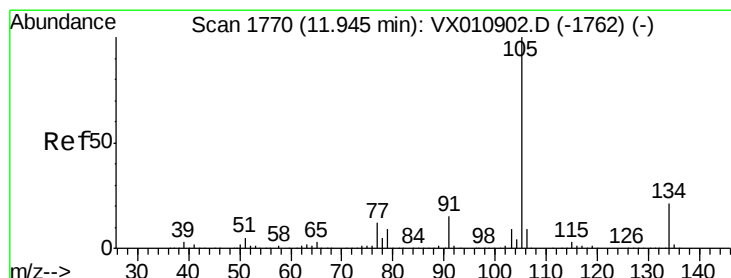
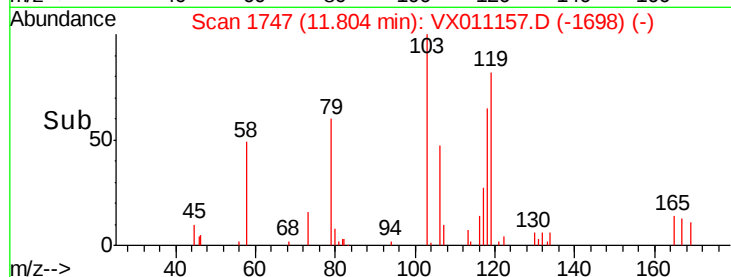
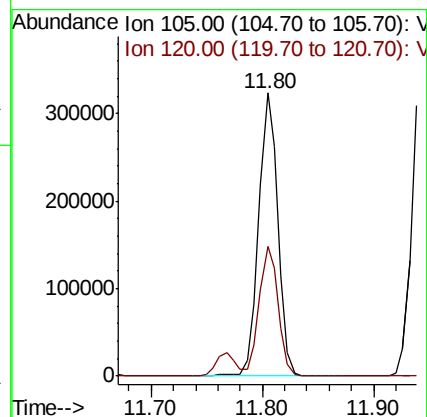
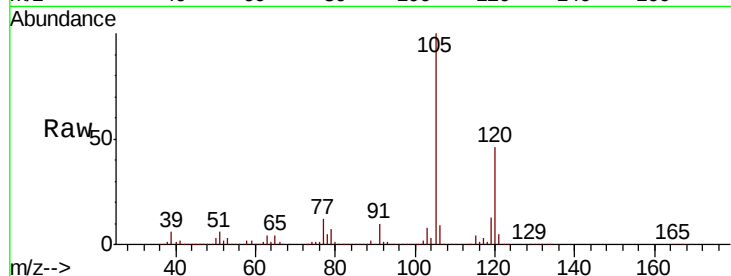
Z3-0681MS

Tot Ion:105 Resp: 389007

Ion Ratio Lower Upper

105 100

120 44.9 22.9 68.5



#85

sec-Butylbenzene

Concen: 50.426 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011157.D

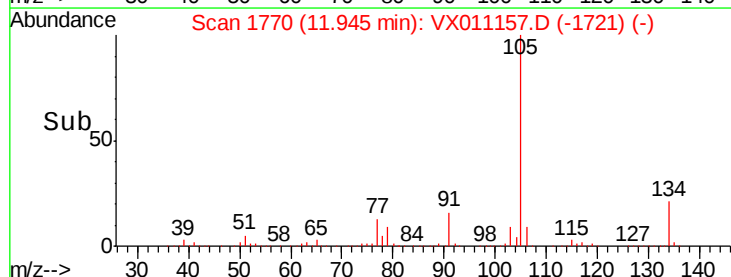
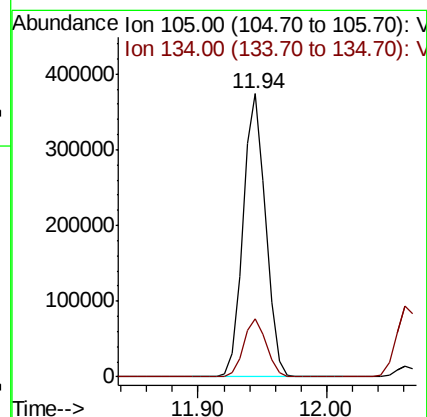
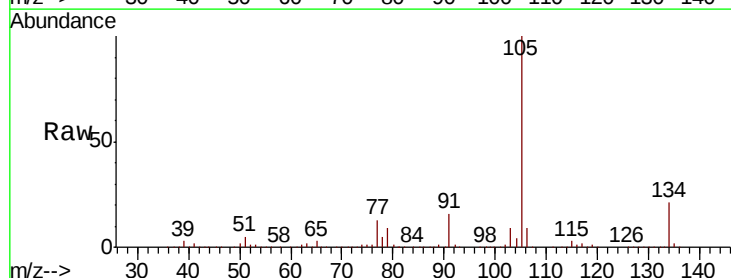
Acq: 29 Jul 2019 19:42

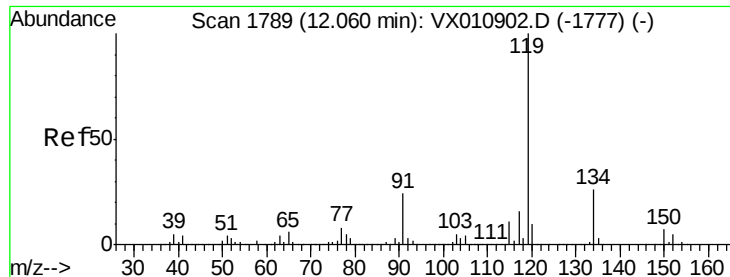
Tgt Ion:105 Resp: 451867

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4

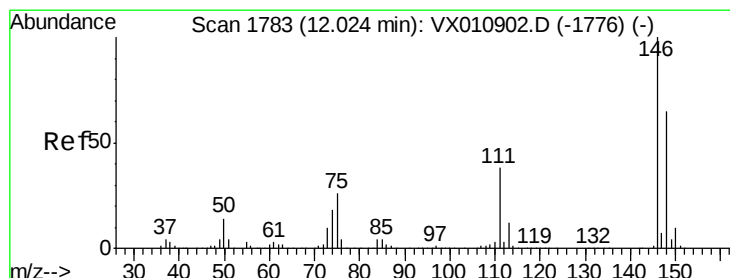
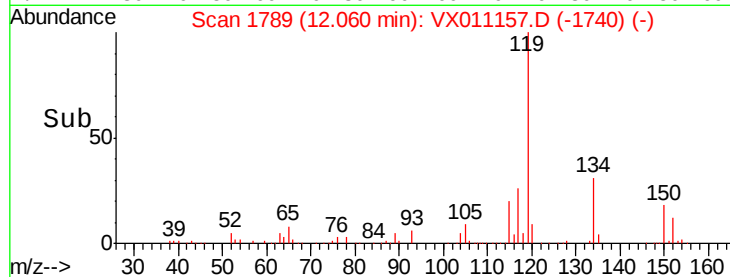
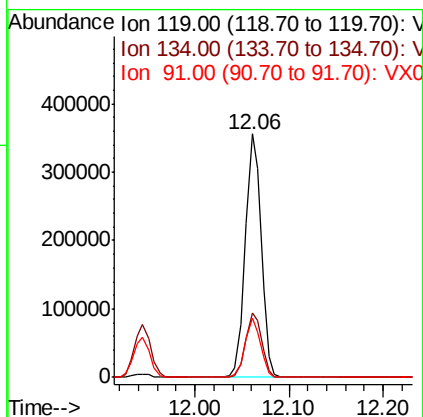
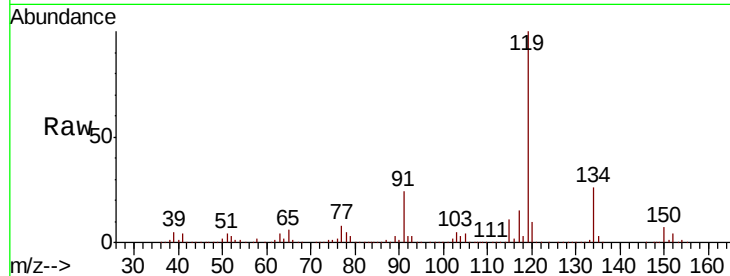




#86
 p-Isopropyltoluene
 Concen: 50.708 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

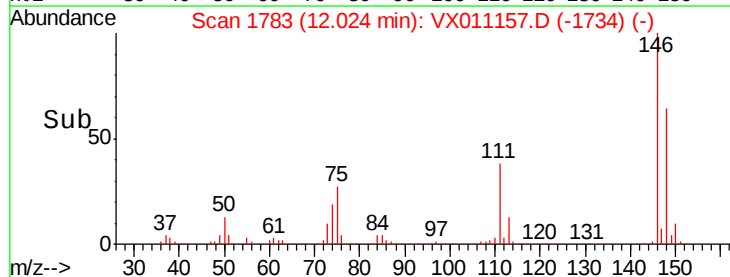
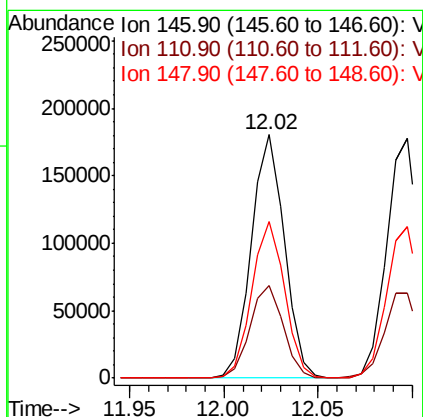
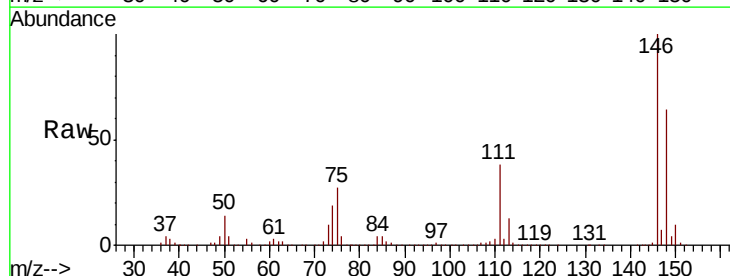
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681MS

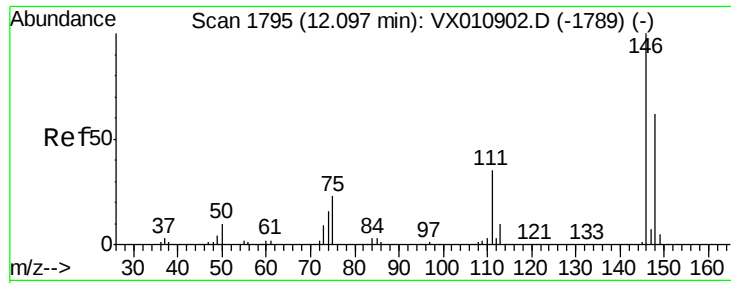
Tot Ion:119 Resp: 420084
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.4 11.8 35.4



#87
 1,3-Dichlorobenzene
 Concen: 49.288 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Tgt Ion:146 Resp: 219835
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.9
 148 64.2 32.2 96.6





#88

1,4-Dichlorobenzene

Concen: 48.644 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

Z3-0681MS

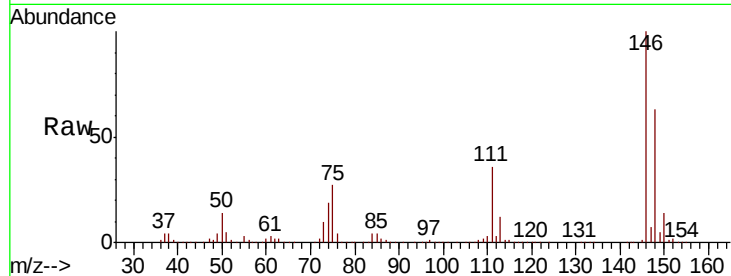
Tot Ion:146 Resp: 222518

Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

148 64.0 31.6 94.7

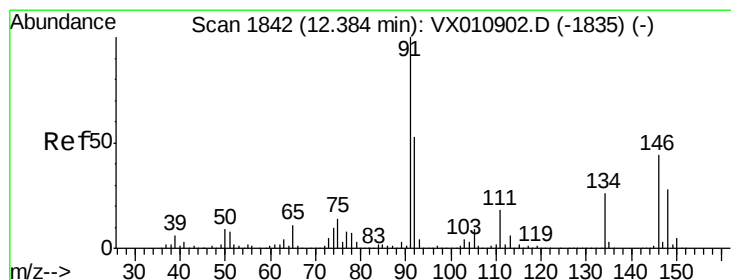
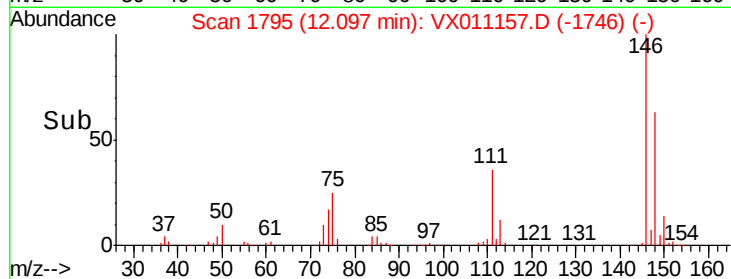
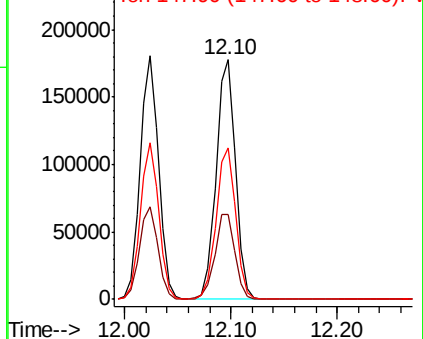


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 50.734 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

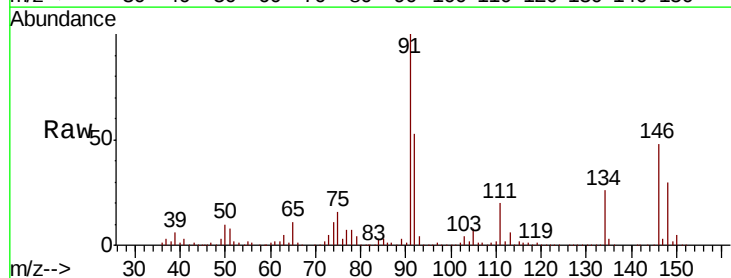
Tgt Ion: 91 Resp: 359582

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

134 27.4 13.8 41.3

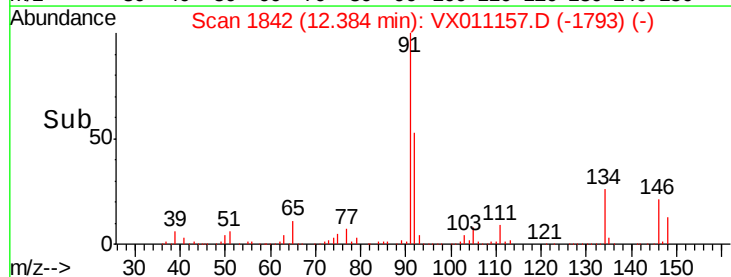
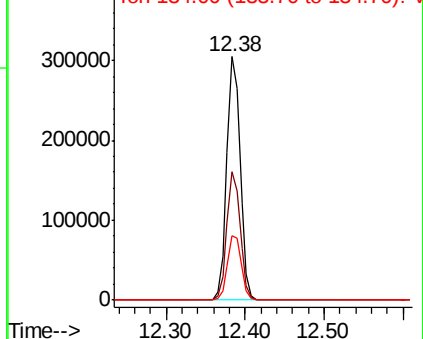


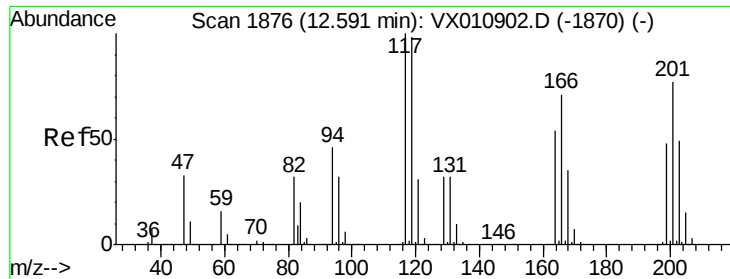
Abundance

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: 50.488 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

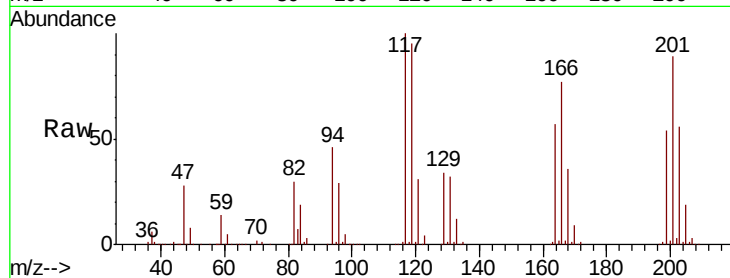
Z3-0681MS

Tot Ion:117 Resp: 65971

Ion Ratio Lower Upper

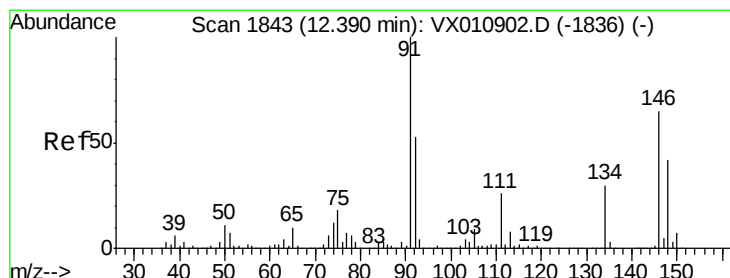
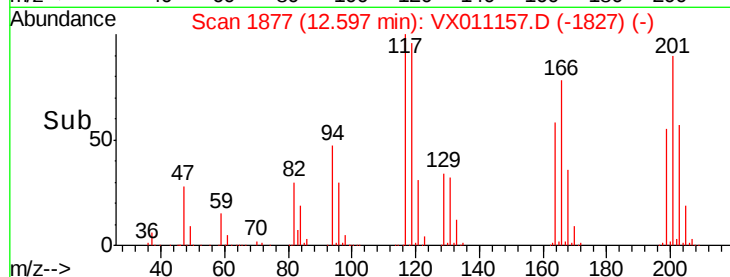
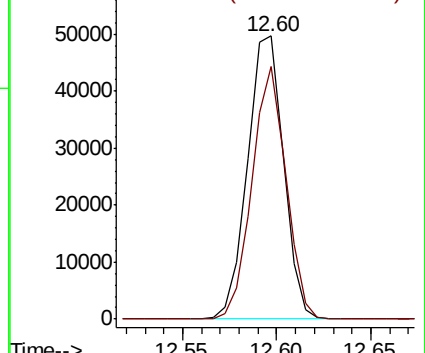
117 100

201 84.0 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.148 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

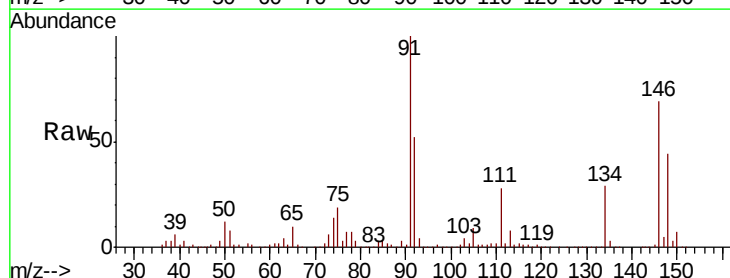
Tgt Ion:146 Resp: 221677

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

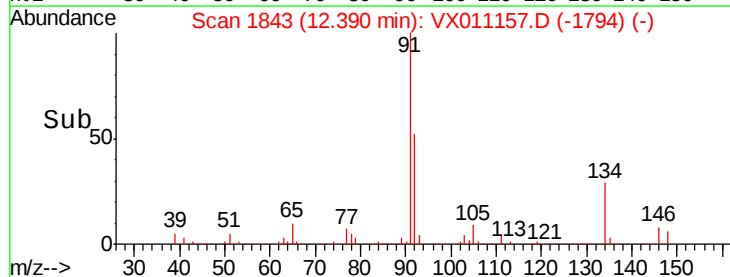
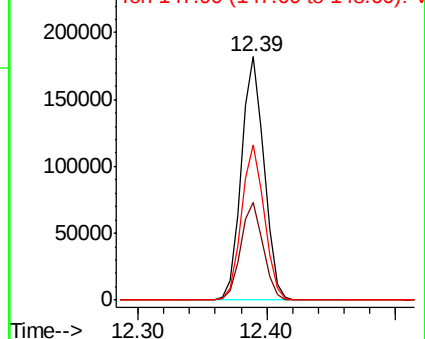
148 64.0 32.0 96.2

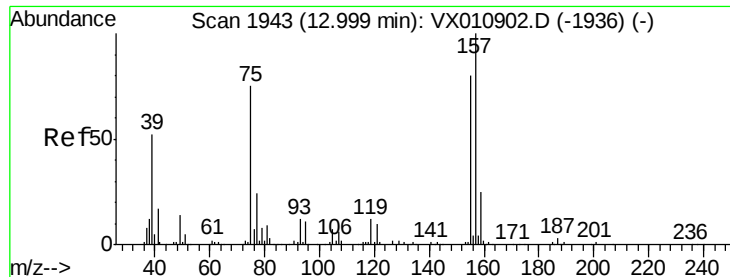


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.580 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

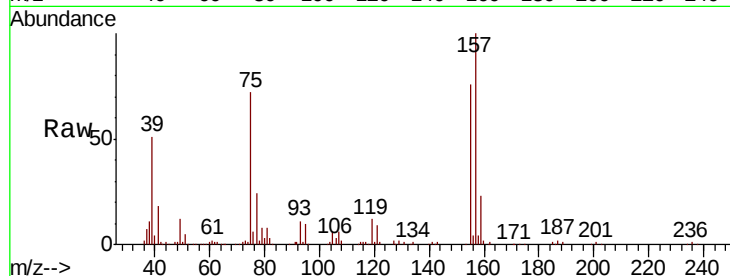
MSVOA_X

ClientSampleId :

Z3-0681MS

Tot Ion: 75 Resp: 32239

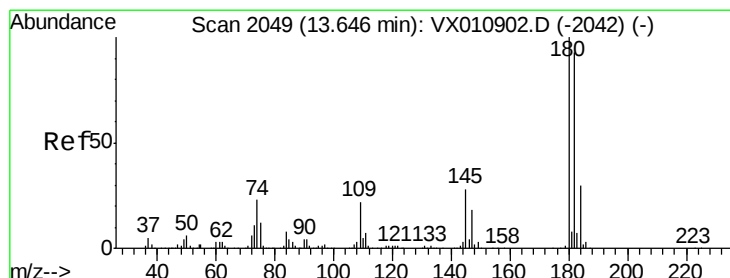
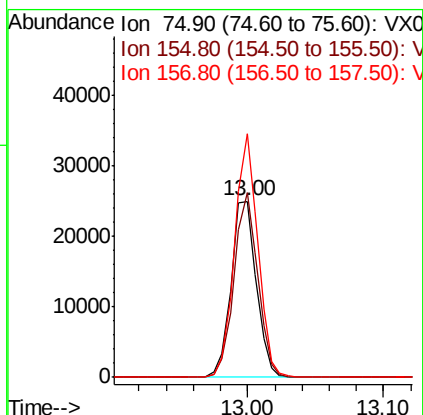
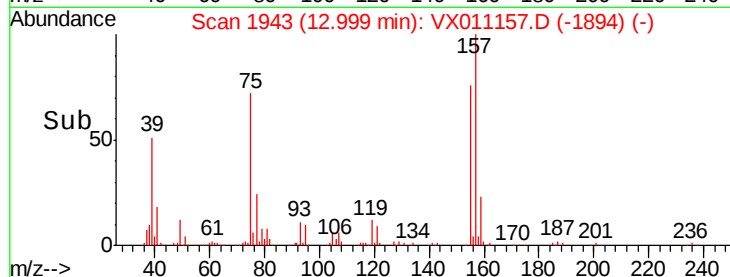
Ion	Ratio	Lower	Upper
75	100		
155	98.6	48.7	146.1
157	127.1	62.5	187.6



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: 50.173 ug/l

RT: 13.65 min Scan# 2049

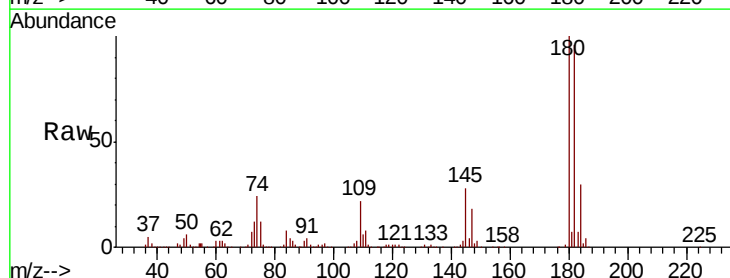
Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Tgt Ion:180 Resp: 150305

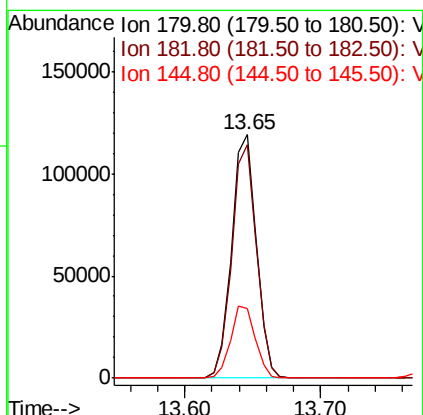
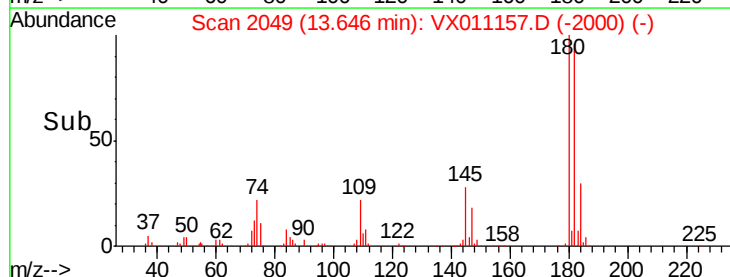
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.1	141.3
145	29.7	14.8	44.4

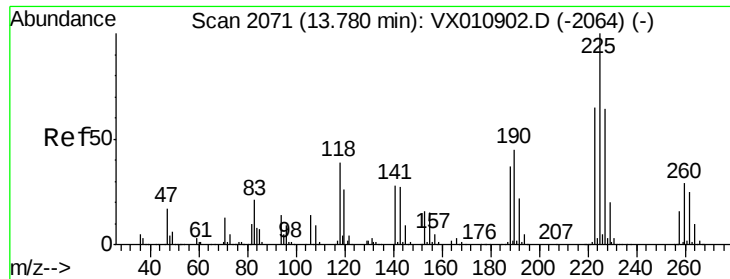


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 50.884 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Instrument :

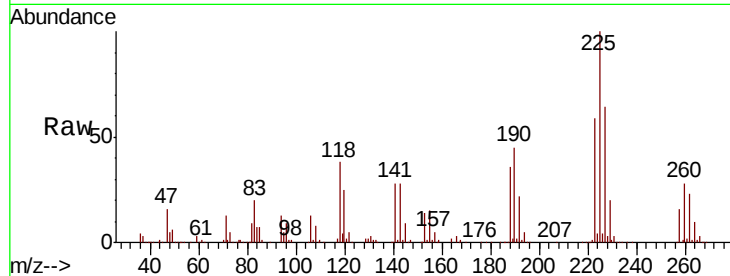
MSVOA_X

ClientSampleId :

Z3-0681MS

Tot Ion:225 Resp: 75540

Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.9
227	63.3	32.5	97.4

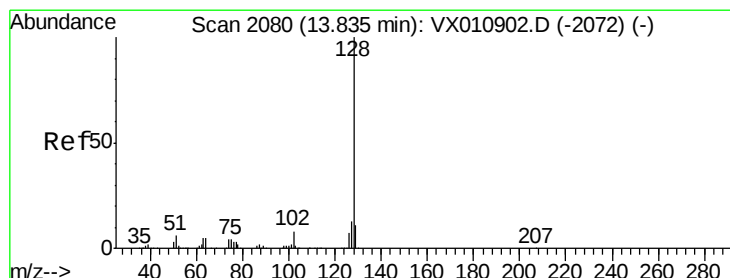
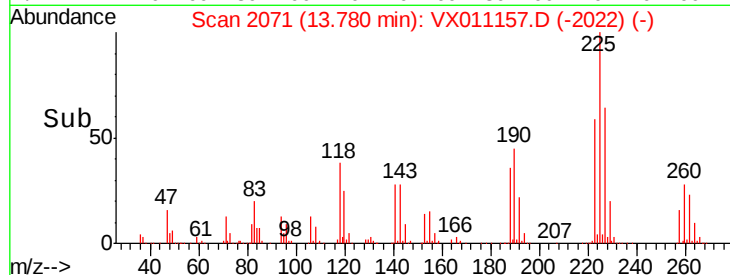
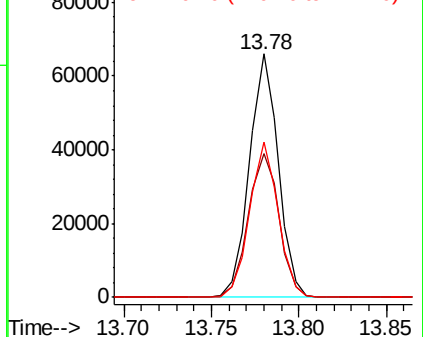


Abundance

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: 54.027 ug/l

RT: 13.83 min Scan# 2079

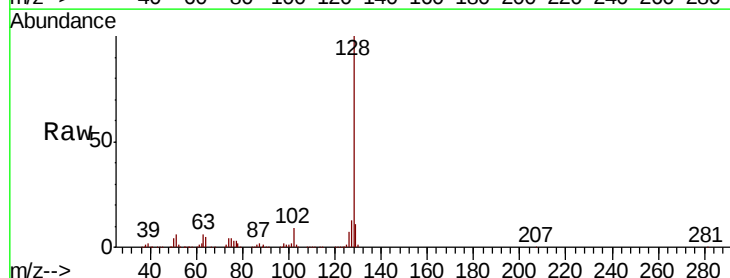
Delta R.T. -0.01 min

Lab File: VX011157.D

Acq: 29 Jul 2019 19:42

Tgt Ion:128 Resp: 477941

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.9	13.3

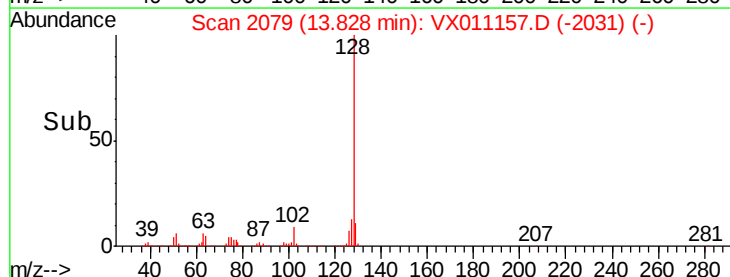
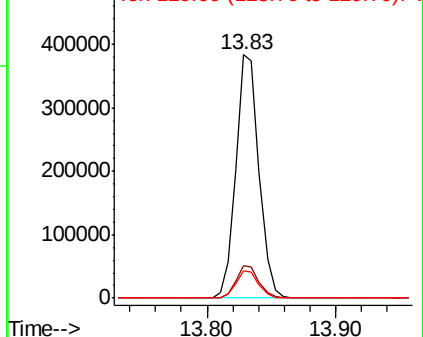


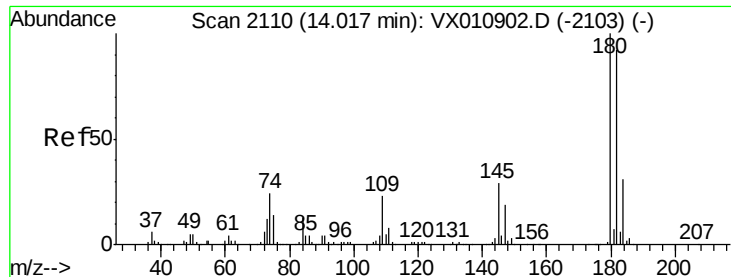
Abundance

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: 51.597 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011157.D
 Acq: 29 Jul 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.4	142.3
145	31.4	15.1	45.3

