

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012377.D
 Acq On : 13 Sep 2019 10:47
 Operator : SY/SP
 Sample : VX0913SBS01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 13 12:05:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	125181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	197579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	168152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	75422	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	60097	33.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.92%	
35) Dibromofluoromethane	5.49	113	57393	45.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.62%	
50) Toluene-d8	8.71	98	229959	51.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.14	95	82855	40.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	23934	23.386	ug/l	90
3) Chloromethane	1.31	50	19146	20.754	ug/l	97
4) Vinyl Chloride	1.40	62	19956	21.816	ug/l	98
5) Bromomethane	1.63	94	12421	31.819	ug/l	99
6) Chloroethane	1.72	64	12943	21.160	ug/l	97
7) Trichlorofluoromethane	1.92	101	37514	22.660	ug/l	99
8) Diethyl Ether	2.17	74	8525	15.091	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25651	22.990	ug/l	99
10) Methyl Iodide	2.50	142	10785	10.156	ug/l	98
11) Tert butyl alcohol	3.03	59	12873	61.534	ug/l #	87
12) 1,1-Dichloroethene	2.36	96	21230	22.413	ug/l	96
13) Acrolein	2.28	56	5226	56.487	ug/l	87
14) Allyl chloride	2.72	41	34885	18.064	ug/l	100
15) Acrylonitrile	3.13	53	20938	59.961	ug/l	97
16) Acetone	2.43	43	29002	69.223	ug/l	93
17) Carbon Disulfide	2.56	76	37927	19.067	ug/l	98
18) Methyl Acetate	2.76	43	10192	11.574	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	50794	13.579	ug/l	93
20) Methylene Chloride	2.84	84	23032	15.819	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	22517	19.924	ug/l	91
22) Diisopropyl ether	3.84	45	70788	16.028	ug/l	95
23) Vinyl Acetate	3.80	43	176594	65.169	ug/l	99
24) 1,1-Dichloroethane	3.69	63	45123	19.073	ug/l	98
25) 2-Butanone	4.66	43	30541	57.023	ug/l	97
26) 2,2-Dichloropropane	4.57	77	44342	19.964	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	25575	17.529	ug/l	96
28) Bromochloromethane	5.00	49	15756	14.201	ug/l	96
29) Tetrahydrofuran	5.12	42	15427	53.386	ug/l	95
30) Chloroform	5.20	83	47486	17.800	ug/l	95
31) Cyclohexane	5.56	56	35692	21.719	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	44544	19.446	ug/l	98
36) 1,1-Dichloropropene	5.79	75	32732	22.720	ug/l	95
37) Ethyl Acetate	4.82	43	12145	13.637	ug/l #	87
38) Carbon Tetrachloride	5.77	117	38094	22.537	ug/l	94

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 ClientSampleId :

Quant Time: Sep 13 12:05:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	37618	23.793	ug/l	99
40) Benzene	6.13	78	90890	20.845	ug/l	97
41) Methacrylonitrile	5.03	41	7599	13.841	ug/l	96
42) 1,2-Dichloroethane	6.18	62	28513	16.545	ug/l	97
43) Isopropyl Acetate	6.43	43	24291	12.937	ug/l	97
44) Trichloroethene	7.21	130	25758	21.828	ug/l	90
45) 1,2-Dichloropropane	7.51	63	22272	18.453	ug/l	97
46) Dibromomethane	7.65	93	10590	16.054	ug/l	99
47) Bromodichloromethane	7.89	83	30058	16.698	ug/l	98
48) Methyl methacrylate	7.76	41	11651	12.964	ug/l	96
49) 1,4-Dioxane	7.74	88	3230	266.341	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	60973	61.529	ug/l	99
52) Toluene	8.78	92	61007	21.183	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	26720	14.872	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	33016	16.572	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	15518	15.185	ug/l	98
56) Ethyl methacrylate	9.17	69	18490	13.363	ug/l	99
57) 1,3-Dichloropropane	9.37	76	27439	15.721	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	44054	62.120	ug/l	96
59) 2-Hexanone	9.49	43	42730	62.016	ug/l	100
60) Dibromochloromethane	9.57	129	18267	15.311	ug/l	99
61) 1,2-Dibromoethane	9.67	107	13819	14.527	ug/l	99
64) Tetrachloroethene	9.33	164	22484	25.283	ug/l	99
65) Chlorobenzene	10.14	112	64965	21.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	22900	19.772	ug/l	99
67) Ethyl Benzene	10.25	91	122822	22.476	ug/l	100
68) m/p-Xylenes	10.35	106	91773	45.623	ug/l	98
69) o-Xylene	10.70	106	42059	21.344	ug/l	98
70) Styrene	10.71	104	67489	19.311	ug/l	96
71) Bromoform	10.85	173	8332	13.873	ug/l	99
73) Isopropylbenzene	11.01	105	122013	24.573	ug/l	99
74) N-amyl acetate	10.89	43	21339	14.454	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	17928	16.812	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	17408	17.967	ug/l	93
77) Bromobenzene	11.25	156	24607	21.525	ug/l	97
78) n-propylbenzene	11.35	91	148261	24.727	ug/l	100
79) 2-Chlorotoluene	11.42	91	83982	22.607	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	103052	23.079	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	4059	12.552	ug/l	90
82) 4-Chlorotoluene	11.51	91	101161	22.659	ug/l	100
83) tert-Butylbenzene	11.76	119	105593	24.354	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	102222	22.145	ug/l	98
85) sec-Butylbenzene	11.94	105	126511	24.454	ug/l	100
86) p-Isopropyltoluene	12.06	119	113441	23.732	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	50829	21.827	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	48526	20.608	ug/l	99
89) n-Butylbenzene	12.38	91	106757	22.787	ug/l	100
90) Hexachloroethane	12.59	117	17721	20.127	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	42054	19.522	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2988	13.728	ug/l	98

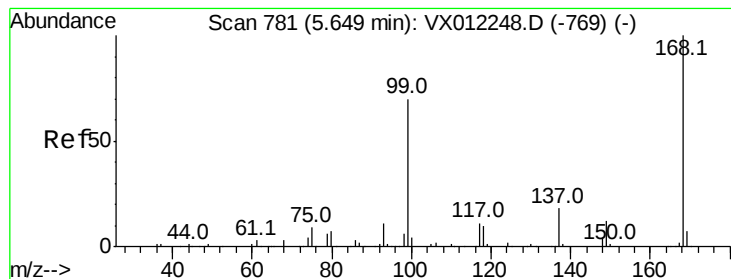
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091319\
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Quant Time: Sep 13 12:05:19 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	25133	16.895	ug/l	98
94) Hexachlorobutadiene	13.77	225	16016	21.641	ug/l	99
95) Naphthalene	13.83	128	40254	12.609	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	20288	15.414	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

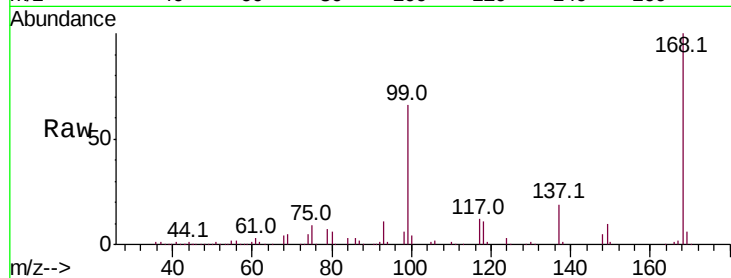
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 125181

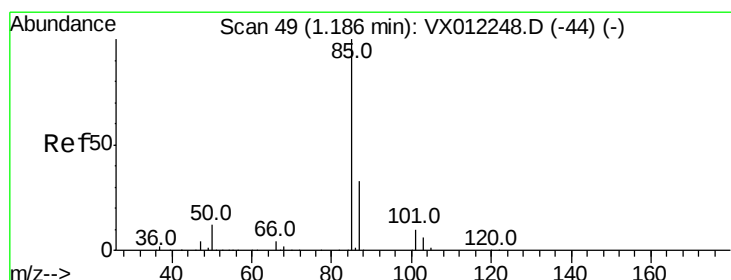
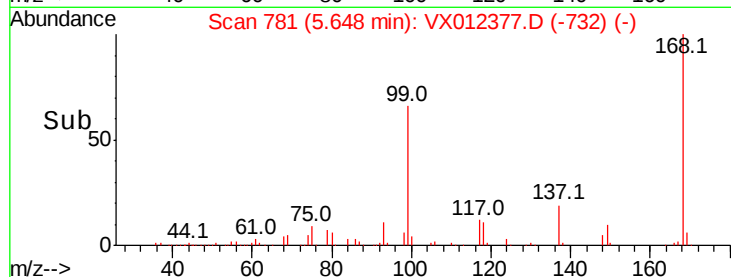
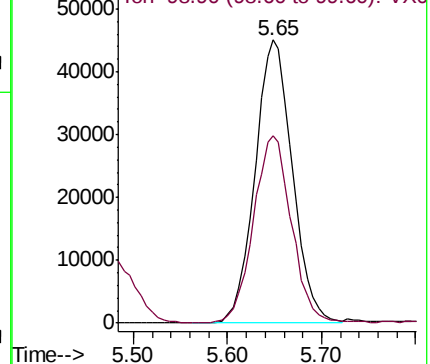
Ion Ratio Lower Upper

168 100

99 66.0 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 23.386 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012377.D

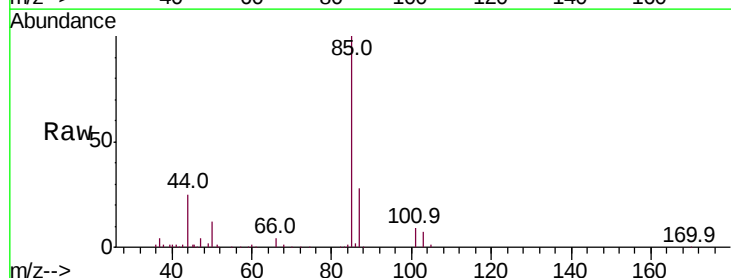
Acq: 13 Sep 2019 10:47

Tgt Ion: 85 Resp: 23934

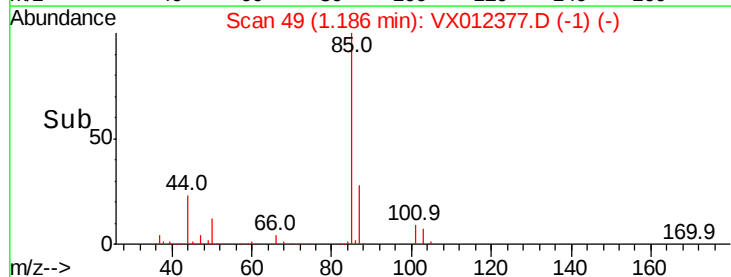
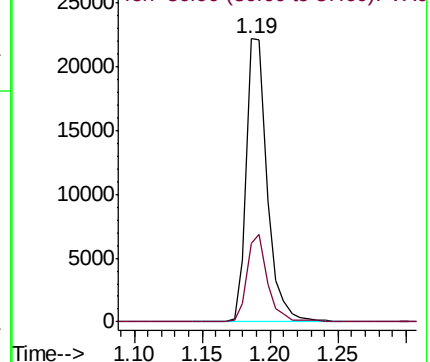
Ion Ratio Lower Upper

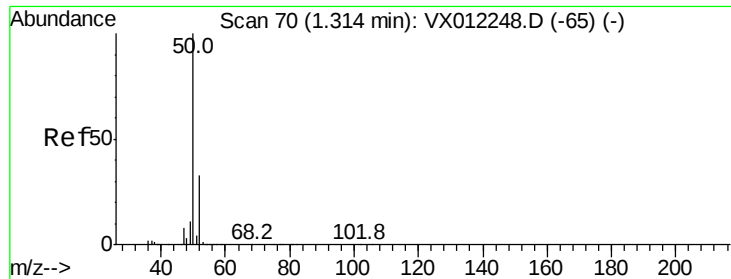
85 100

87 27.7 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0
Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.754 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

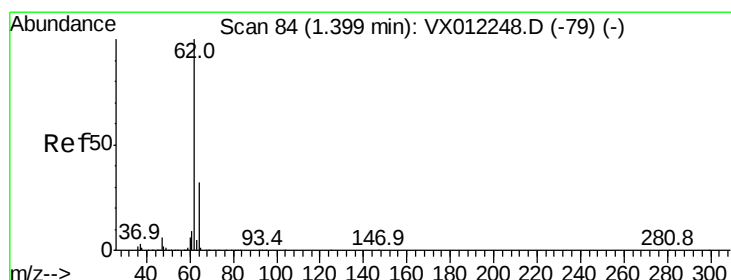
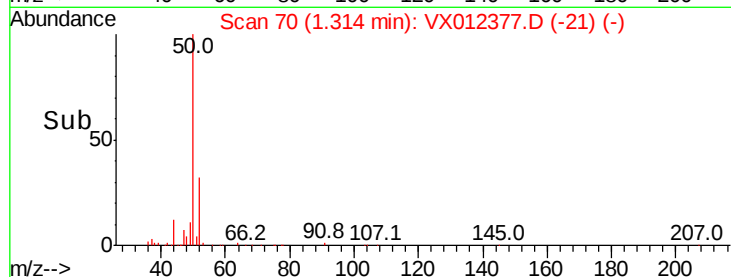
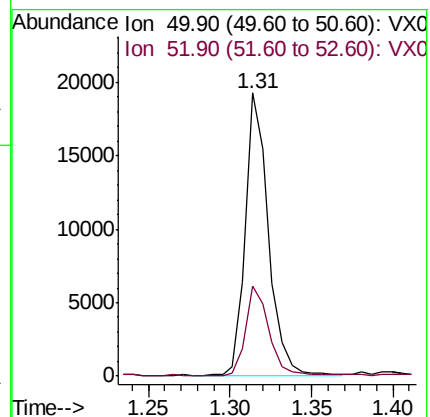
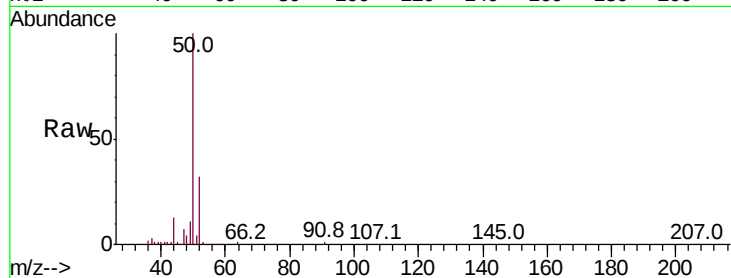
ClientSampleId :

Tot Ion: 50 Resp: 19146

Ion Ratio Lower Upper

50 100

52 31.8 26.7 40.1



#4

Vinyl Chloride

Concen: 21.816 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012377.D

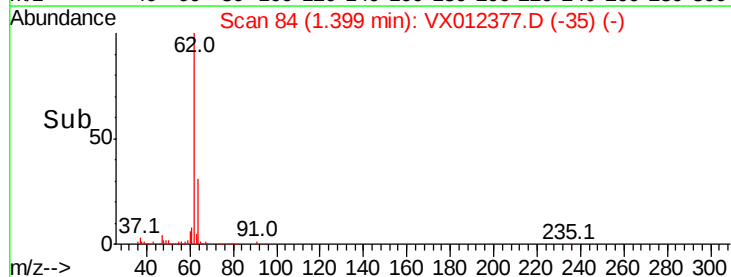
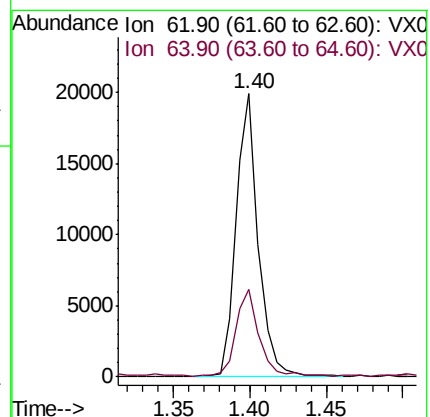
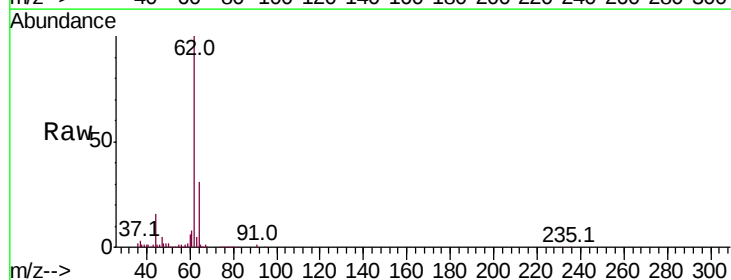
Acq: 13 Sep 2019 10:47

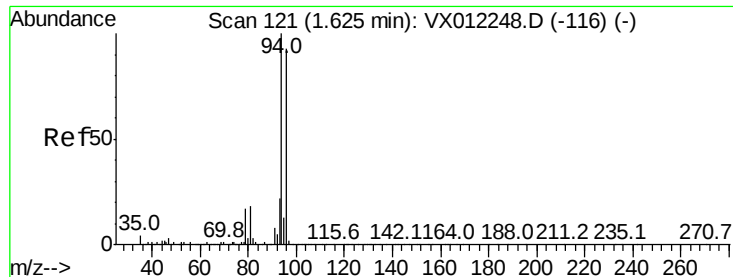
Tgt Ion: 62 Resp: 19956

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3





#5

Bromomethane

Concen: 31.819 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

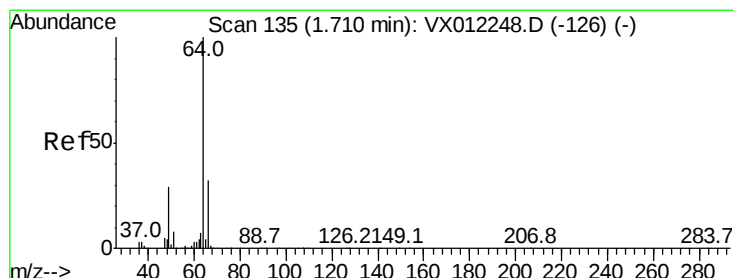
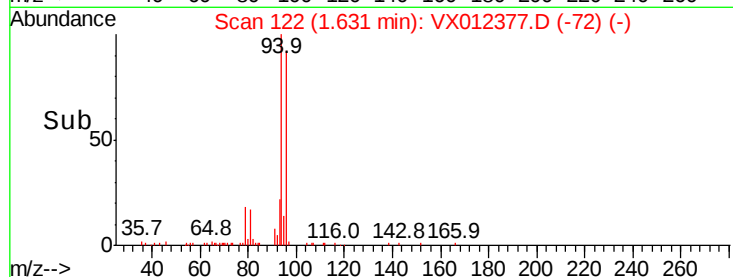
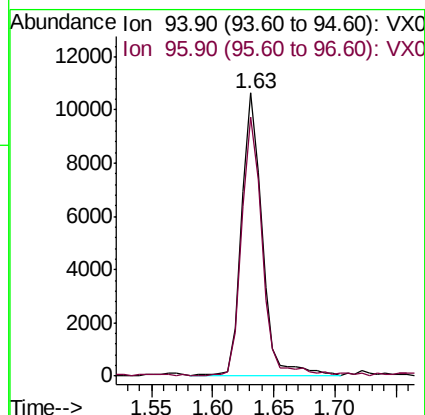
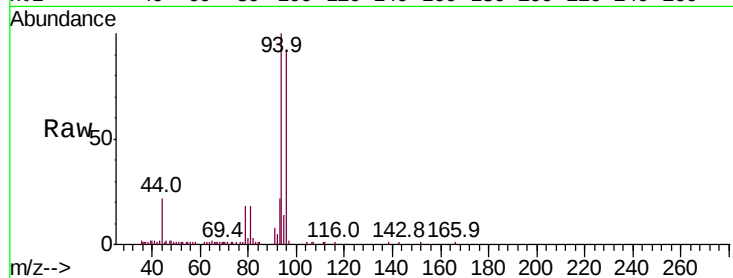
ClientSampleId :

Tot Ion: 94 Resp: 12421

Ion Ratio Lower Upper

94 100

96 91.6 74.0 111.0



#6

Chloroethane

Concen: 21.160 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012377.D

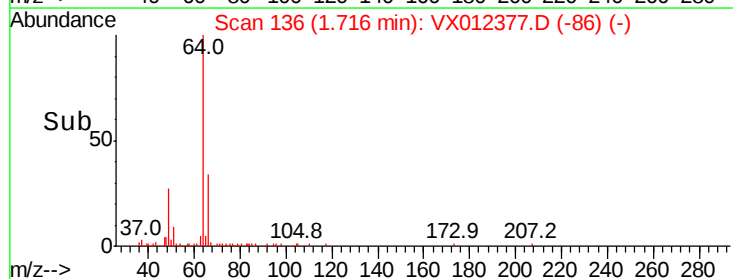
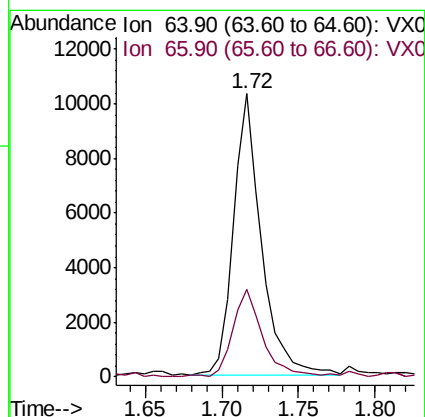
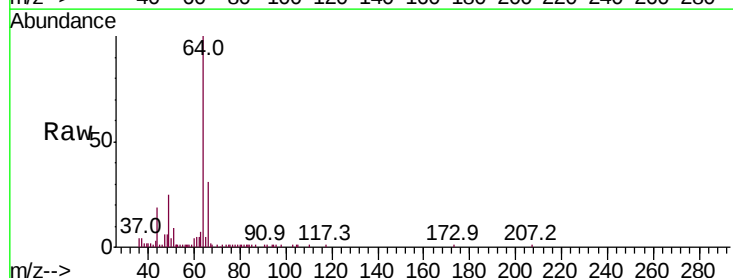
Acq: 13 Sep 2019 10:47

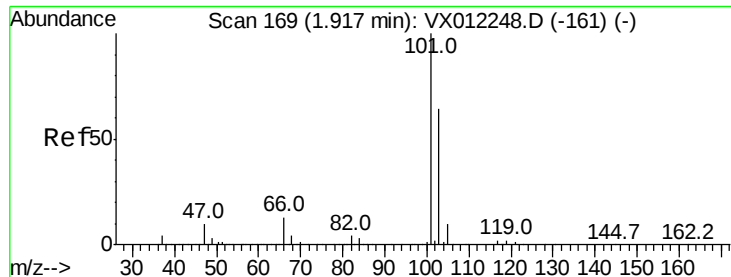
Tgt Ion: 64 Resp: 12943

Ion Ratio Lower Upper

64 100

66 30.6 25.8 38.6



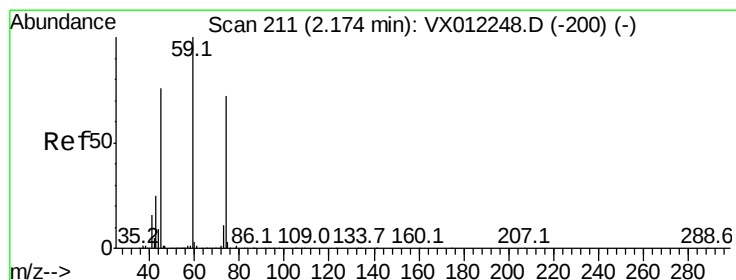
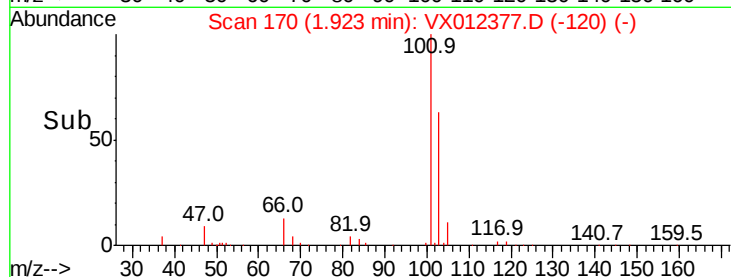
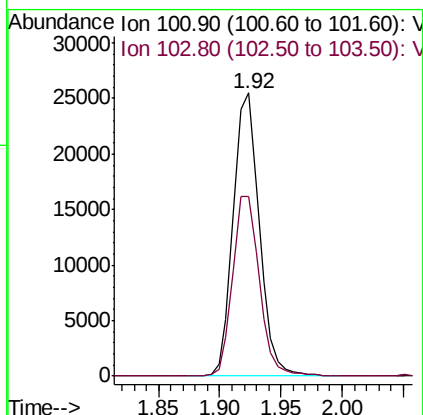
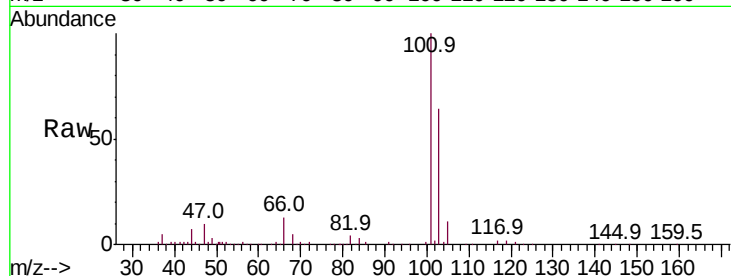


#7

Trichlorofluoromethane
 Concen: 22.660 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :

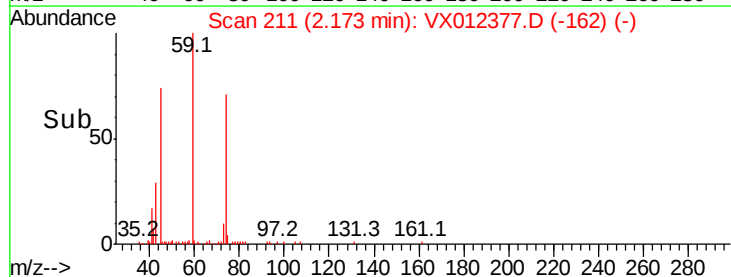
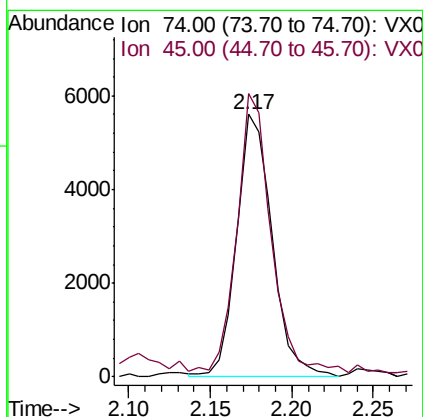
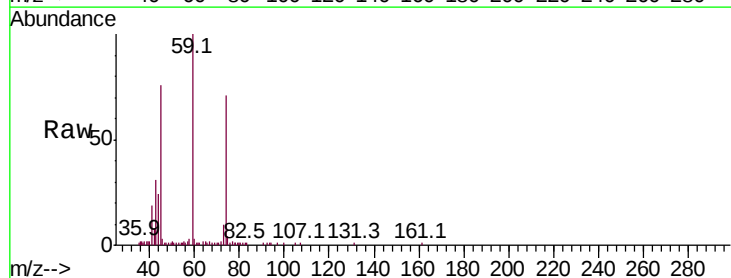
Tot Ion:101 Resp: 37514
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2

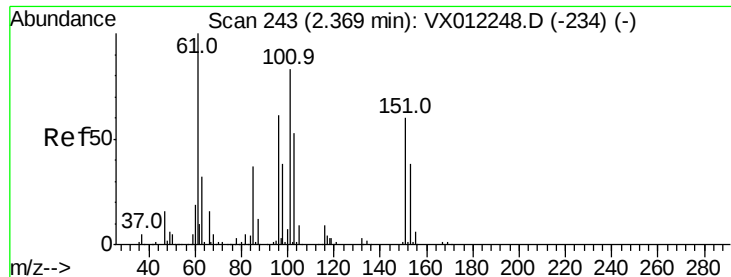


#8

Diethyl Ether
 Concen: 15.091 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion: 74 Resp: 8525
 Ion Ratio Lower Upper
 74 100
 45 101.3 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.990 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

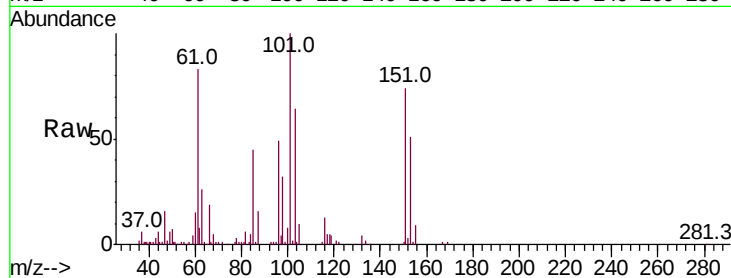
Tot Ion:101 Resp: 25651

Ion Ratio Lower Upper

101 100

85 46.0 37.0 55.6

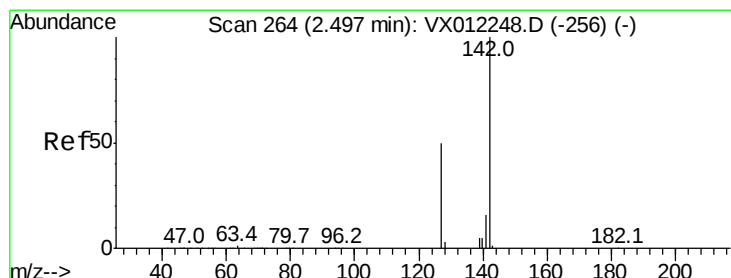
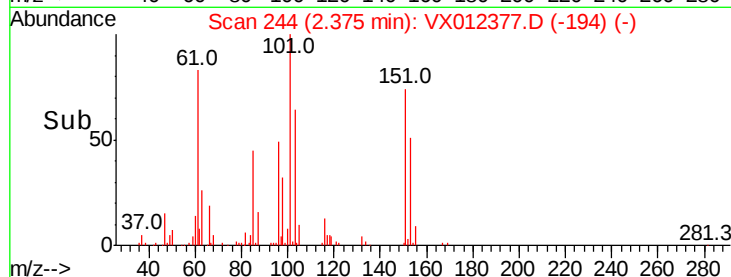
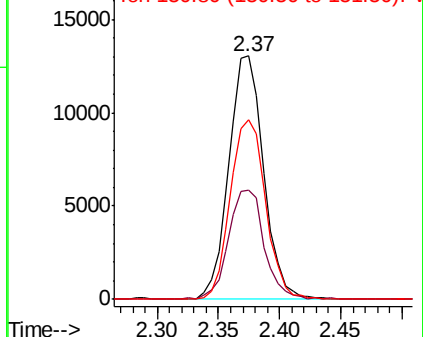
151 74.7 58.6 87.8



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: 10.156 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

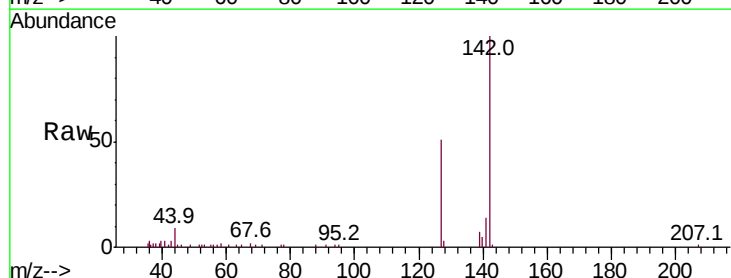
Tgt Ion:142 Resp: 10785

Ion Ratio Lower Upper

142 100

127 52.4 40.6 61.0

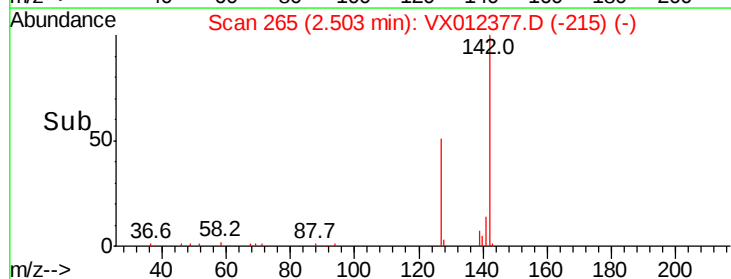
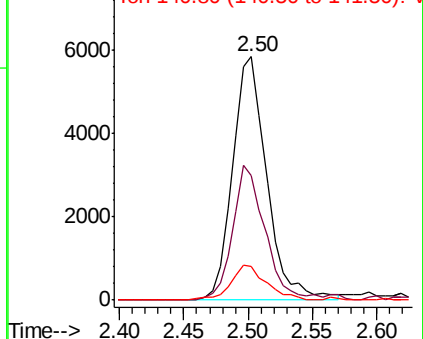
141 15.0 12.0 18.0

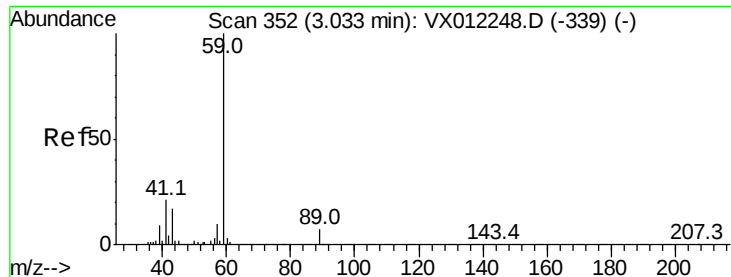


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



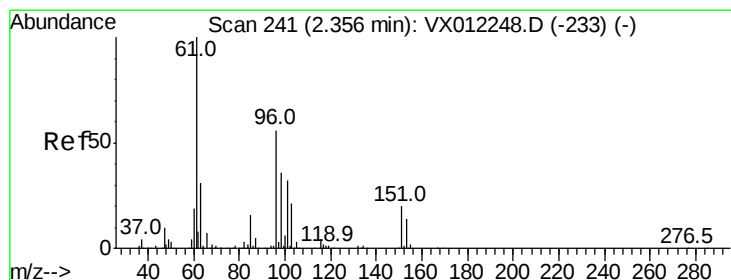
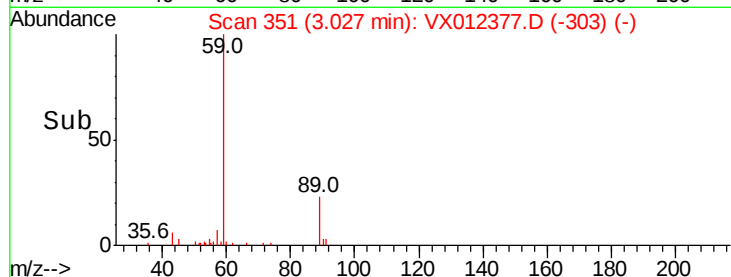
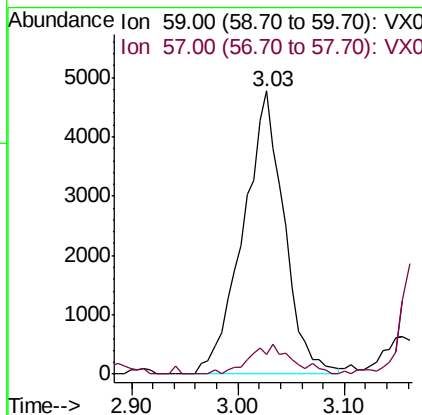
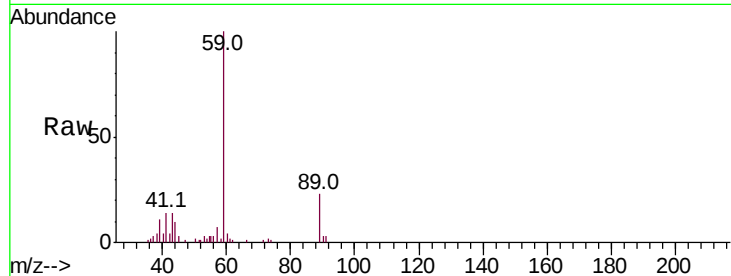


#11

Tert butyl alcohol
 Concen: 61.534 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Instrument :
 MSVOA_X
 ClientSampled :

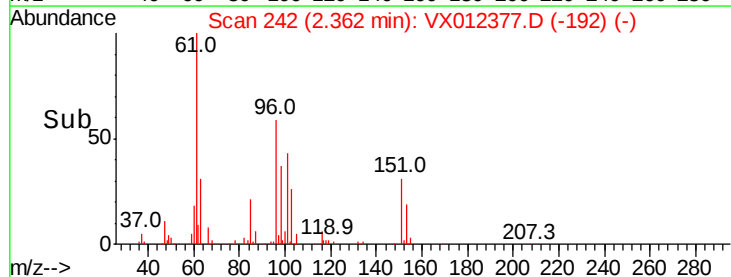
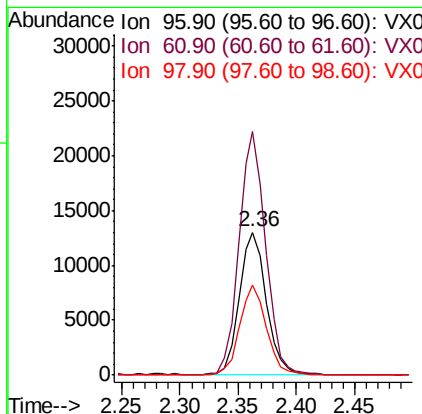
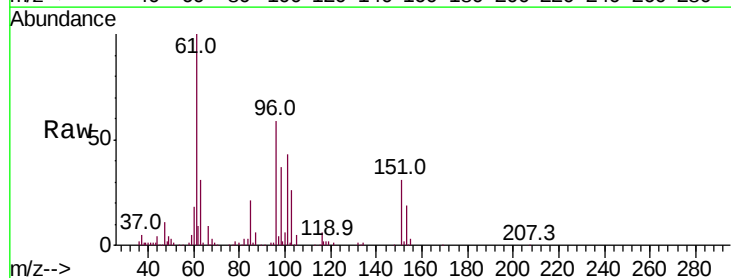
Tot Ion: 59 Resp: 12873
 Ion Ratio Lower Upper
 59 100
 57 5.0 7.8 11.6#

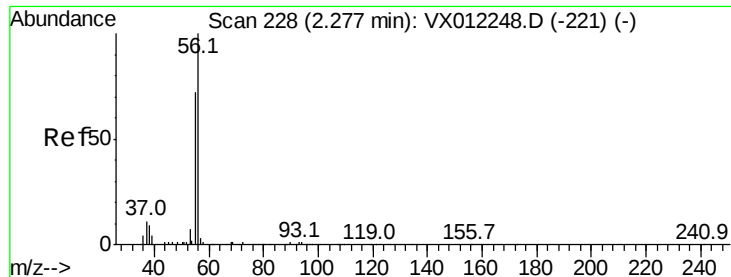


#12

1,1-Dichloroethene
 Concen: 22.413 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.01 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion: 96 Resp: 21230
 Ion Ratio Lower Upper
 96 100
 61 170.5 142.2 213.2
 98 63.5 51.3 76.9





#13

Acrolein

Concen: 56.487 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

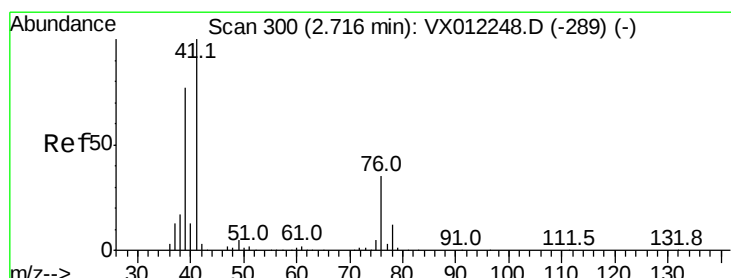
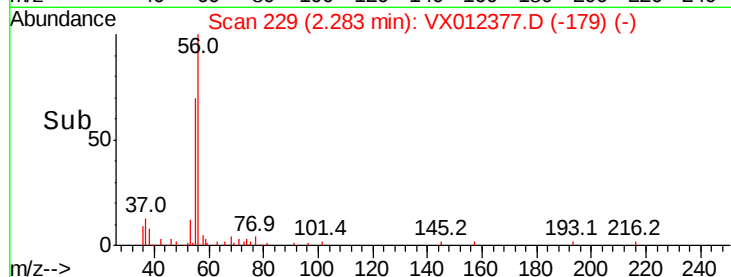
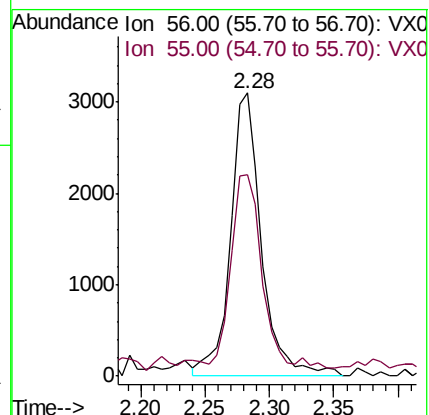
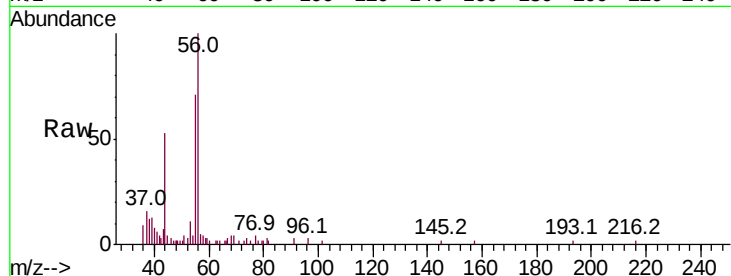
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 5226

Ion Ratio Lower Upper

56 100

55 63.9 59.8 89.6



#14

Allyl chloride

Concen: 18.064 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

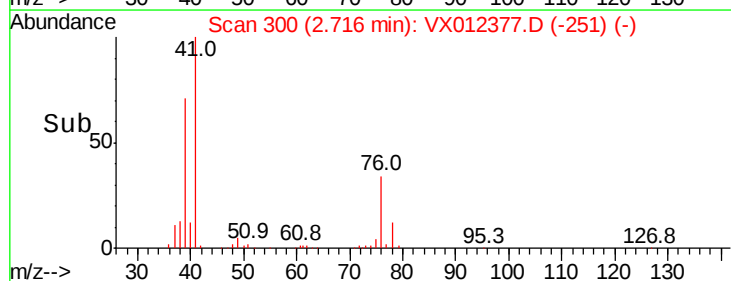
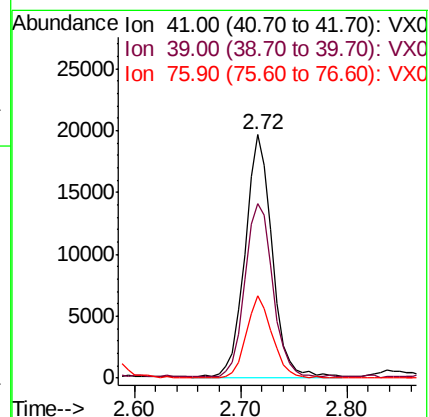
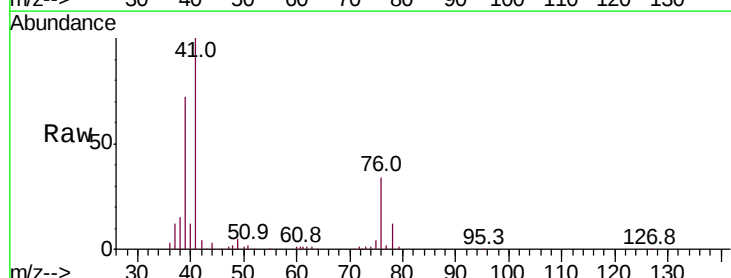
Tgt Ion: 41 Resp: 34885

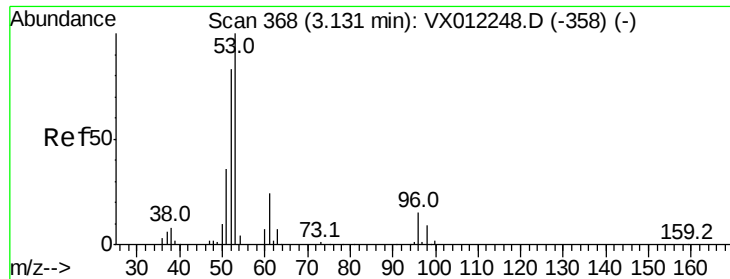
Ion Ratio Lower Upper

41 100

39 73.8 58.6 87.8

76 32.9 26.3 39.5

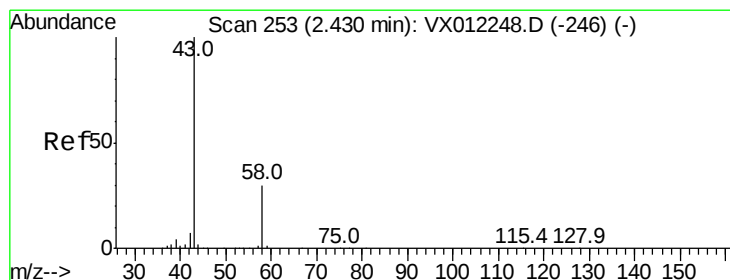
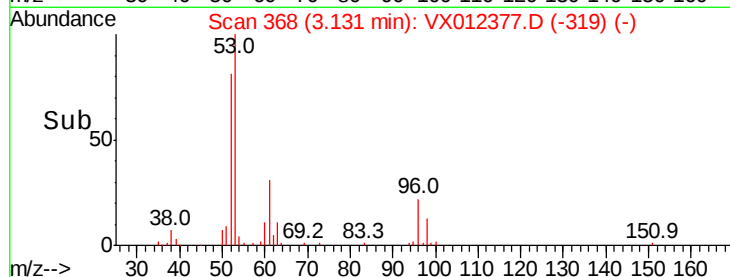
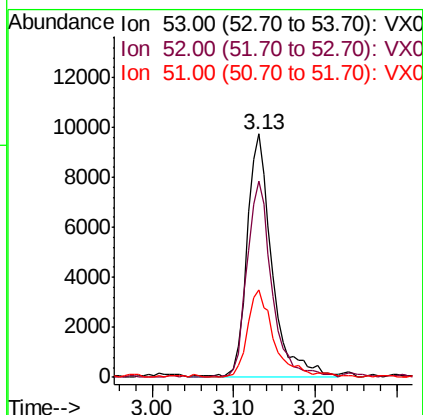
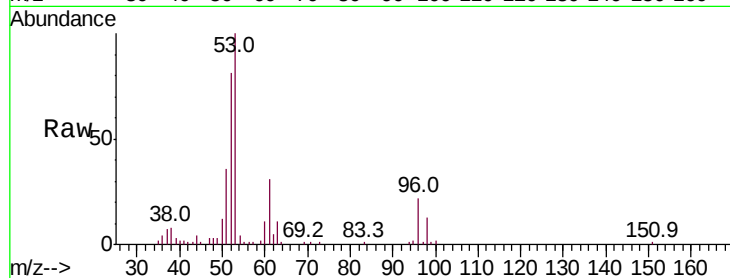




#15
 Acrylonitrile
 Concen: 59.961 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

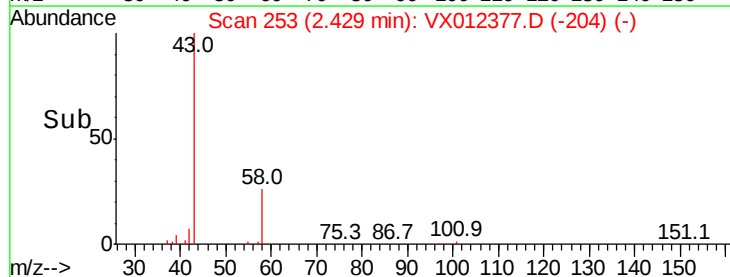
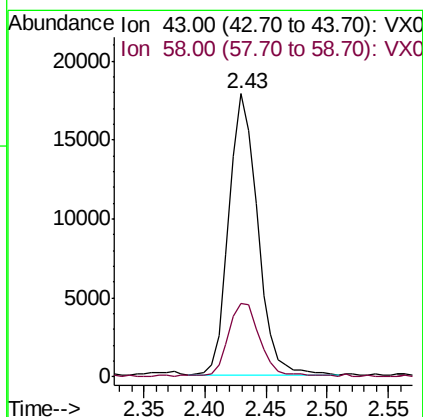
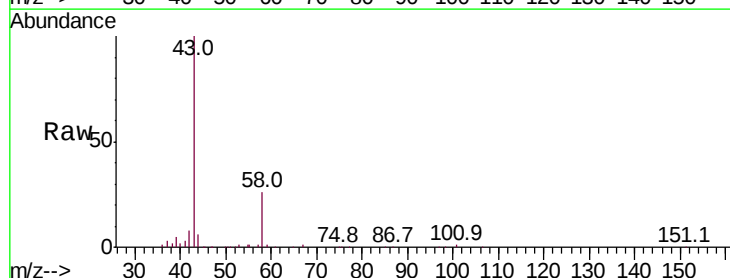
Instrument :
 MSVOA_X
 ClientSampleId :

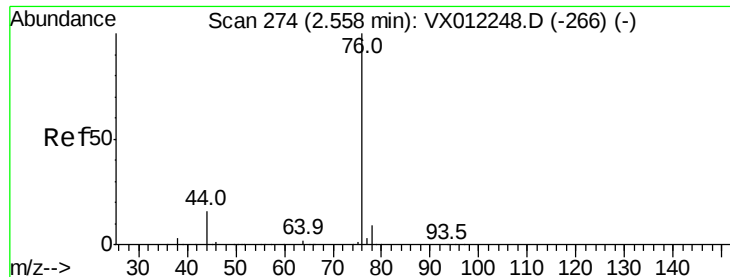
Tot Ion	53	Resp	20938
Ion	Ratio	Lower	Upper
53	100		
52	80.2	66.8	100.2
51	37.6	30.7	46.1



#16
 Acetone
 Concen: 69.223 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion	43	Resp	29002
Ion	Ratio	Lower	Upper
43	100		
58	25.8	23.6	35.4





#17

Carbon Disulfide

Concen: 19.067 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

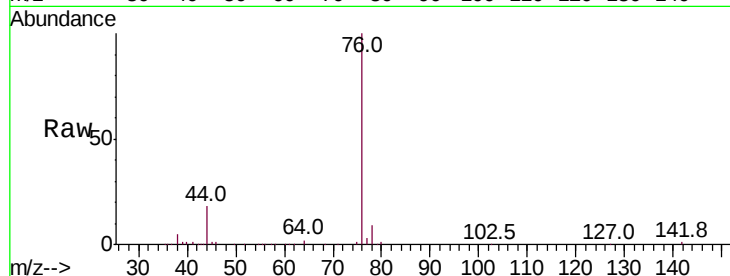
ClientSampleId :

Tot Ion: 76 Resp: 37927

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

25000

20000

15000

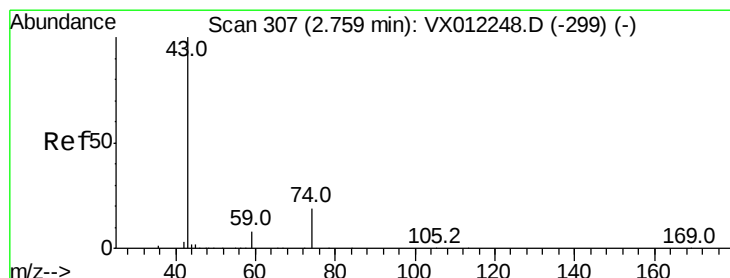
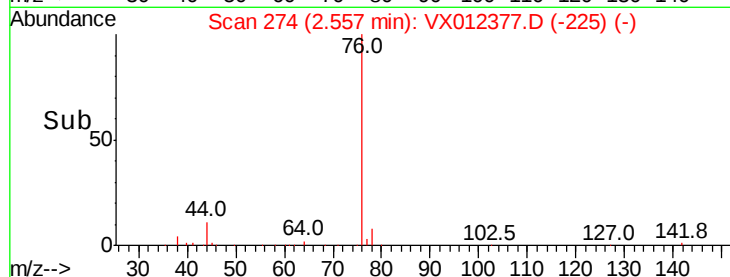
10000

5000

0

Time--> 2.45 2.50 2.55 2.60 2.65

2.56



#18

Methyl Acetate

Concen: 11.574 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX012377.D

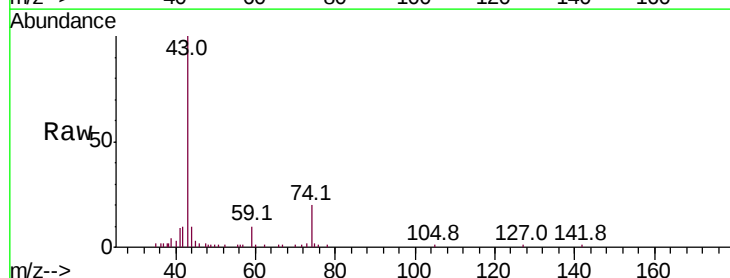
Acq: 13 Sep 2019 10:47

Tgt Ion: 43 Resp: 10192

Ion Ratio Lower Upper

43 100

74 21.3 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

6000

5000

4000

3000

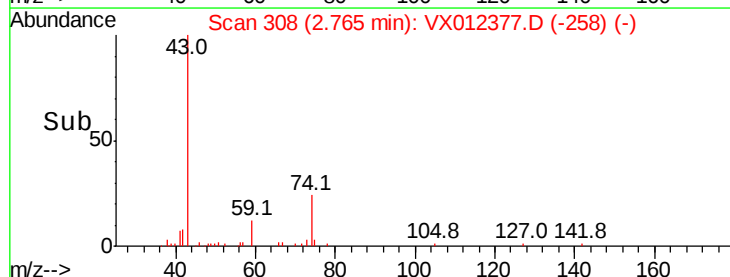
2000

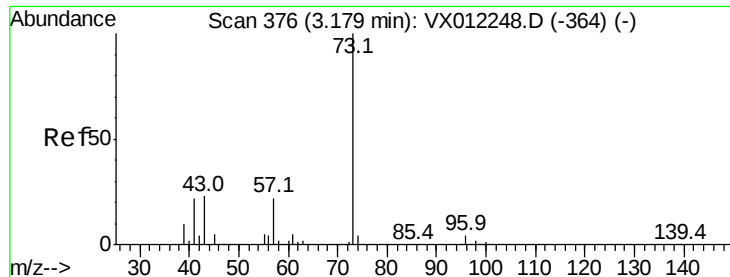
1000

0

Time--> 2.70 2.75 2.80

2.76



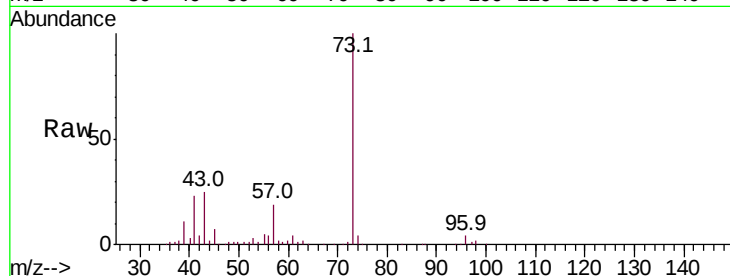


#19

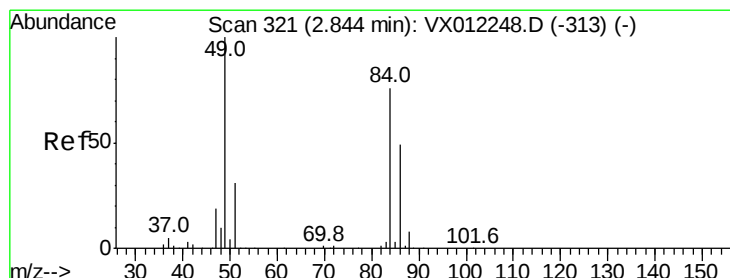
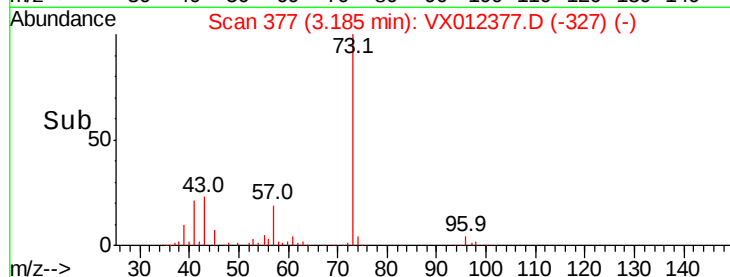
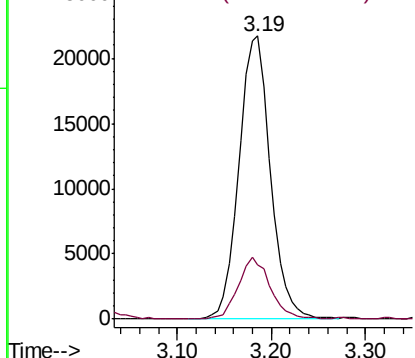
Methyl tert-butyl Ether
 Concen: 13.579 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 73 Resp: 50794
 Ion Ratio Lower Upper
 73 100
 57 18.7 17.7 26.5



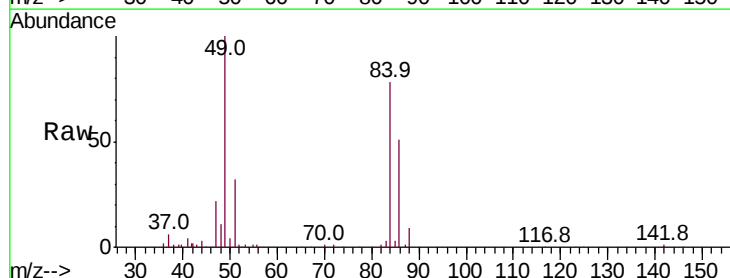
Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



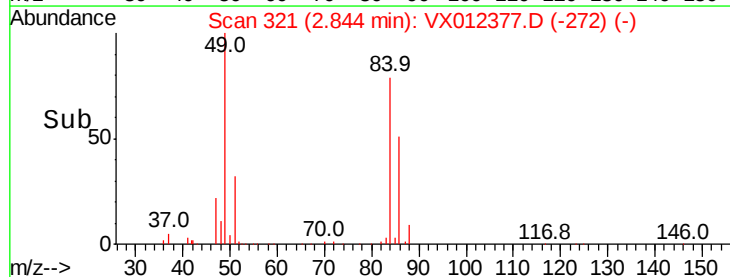
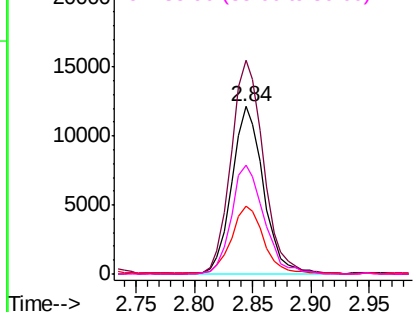
#20

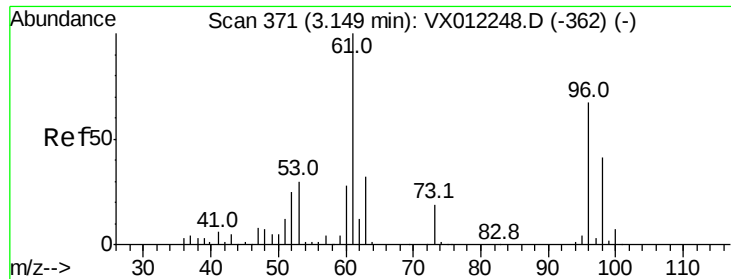
Methylene Chloride
 Concen: 15.819 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion: 84 Resp: 23032
 Ion Ratio Lower Upper
 84 100
 49 127.2 105.0 157.6
 51 40.1 32.6 48.8
 86 65.4 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0
 Ion 48.90 (48.60 to 49.60): VX0
 Ion 50.90 (50.60 to 51.60): VX0
 Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.924 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

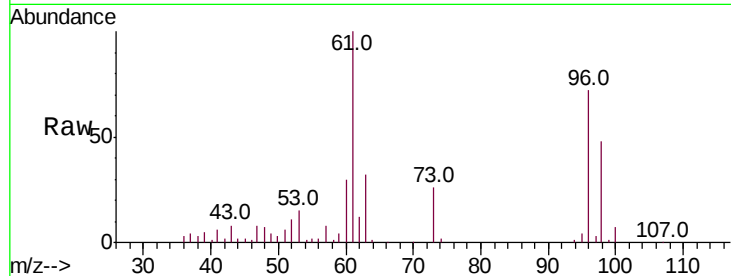
Tot Ion: 96 Resp: 22517

Ion Ratio Lower Upper

96 100

61 137.7 119.4 179.2

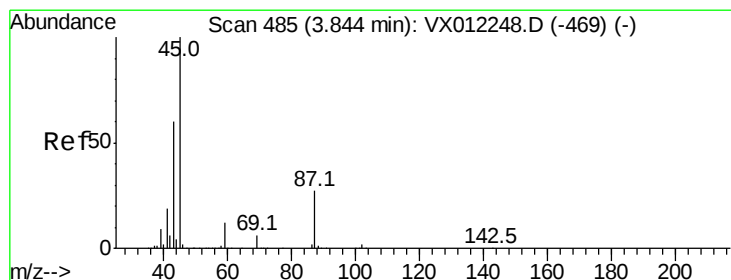
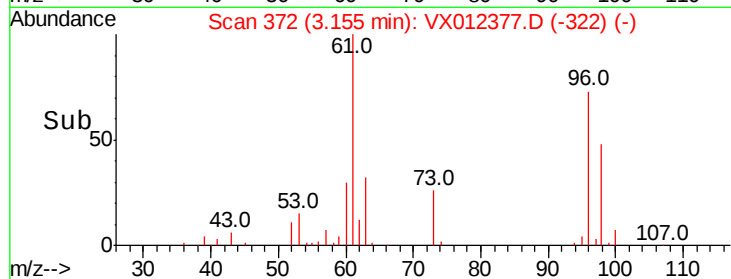
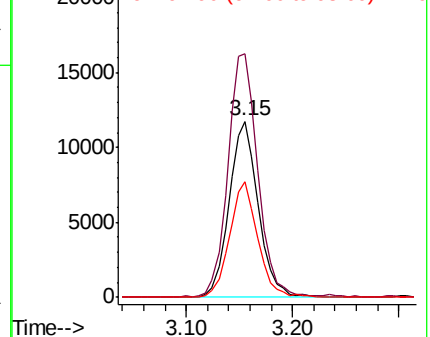
98 65.8 48.4 72.6



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: 16.028 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Tgt Ion: 45 Resp: 70788

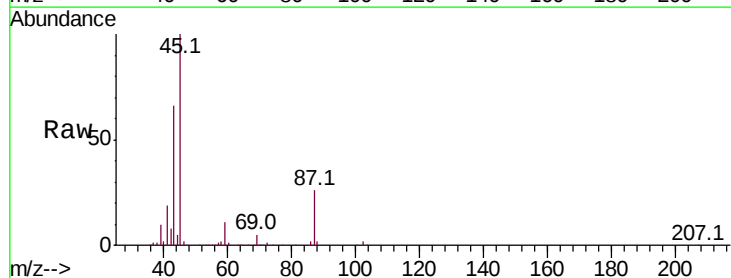
Ion Ratio Lower Upper

45 100

43 65.6 48.3 72.5

87 26.3 21.8 32.8

59 11.4 9.1 13.7

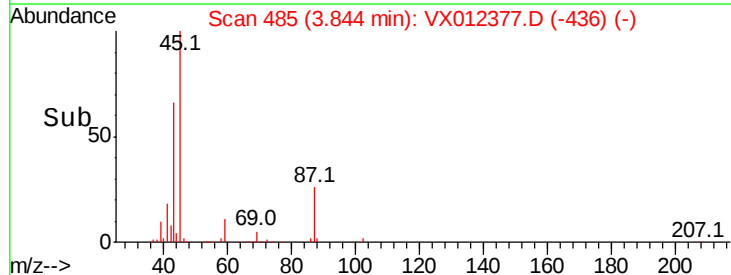
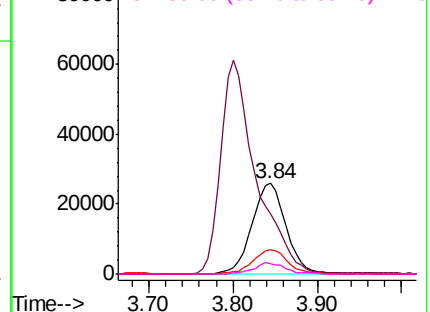


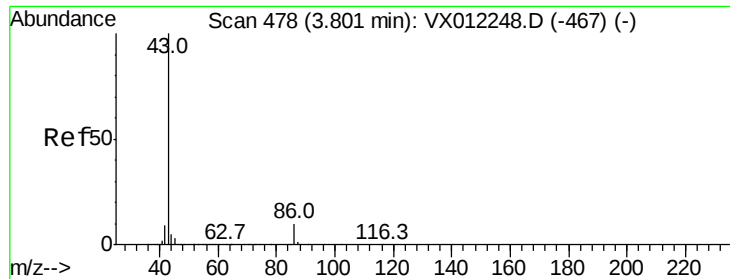
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

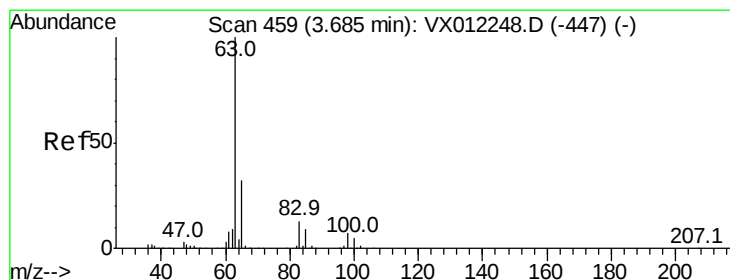
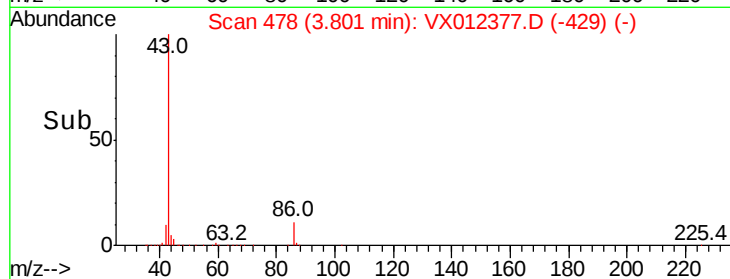
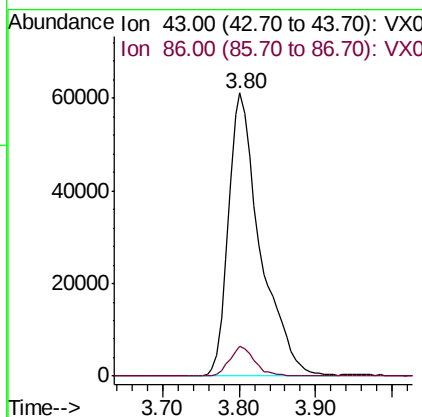
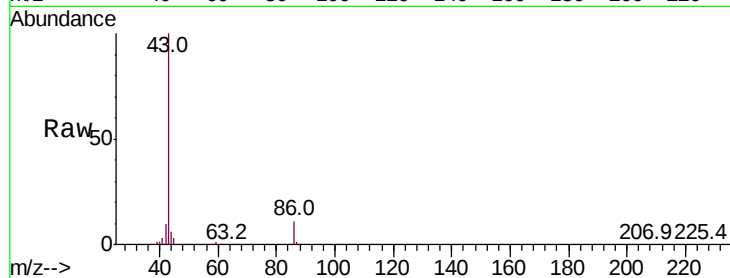




#23
 Vinyl Acetate
 Concen: 65.169 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

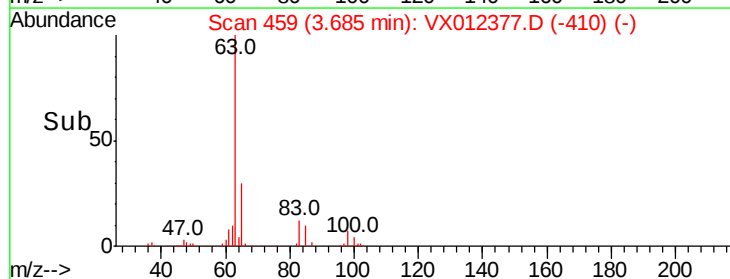
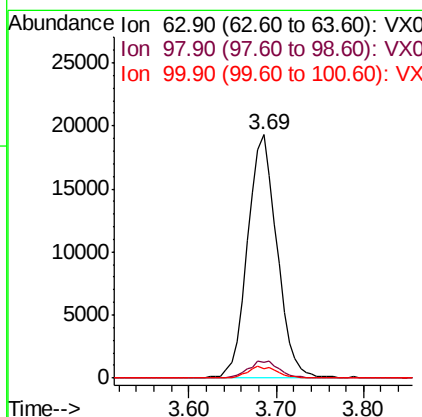
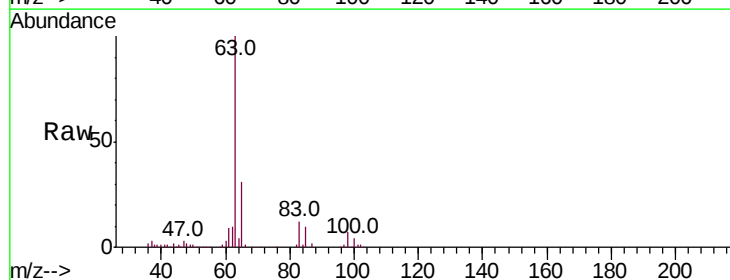
Instrument :
 MSVOA_X
 ClientSampleId :

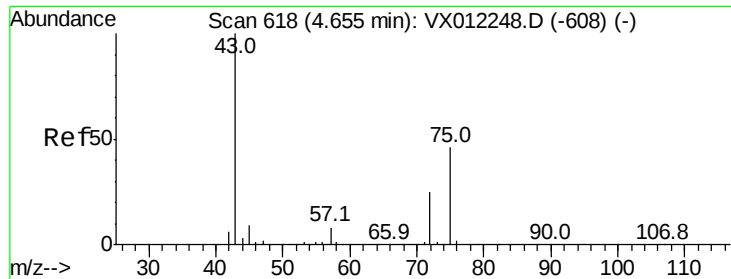
Tot Ion: 43 Resp: 176594
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 19.073 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion: 63 Resp: 45123
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 3.7 2.4 7.2

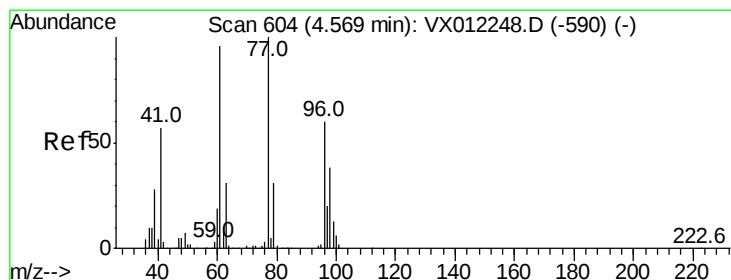
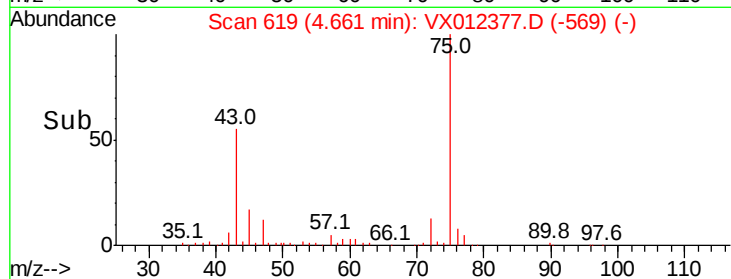
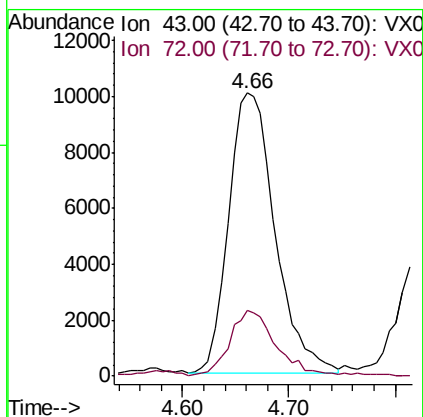
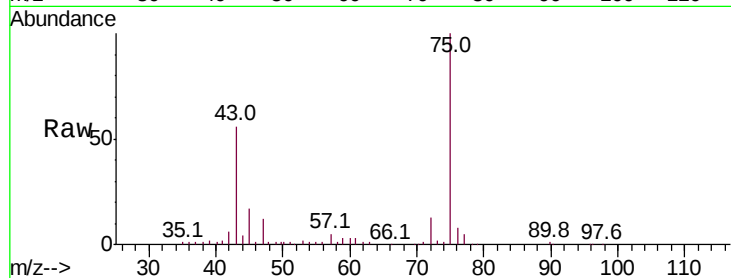




#25
2-Butanone
Concen: 57.023 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

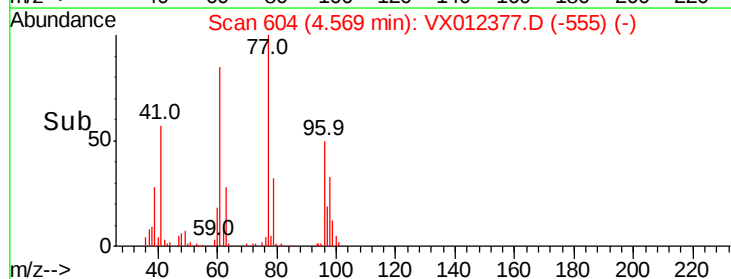
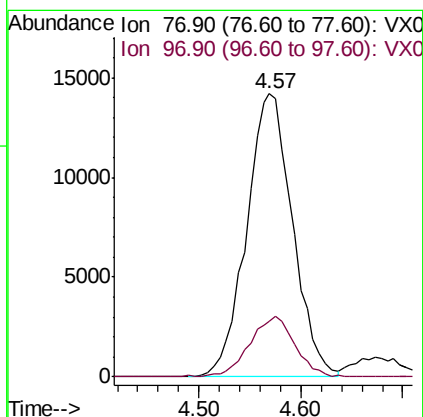
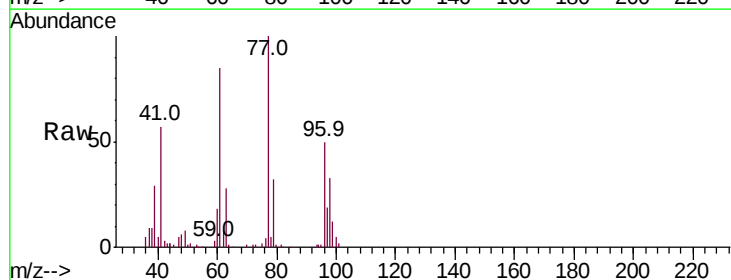
Instrument :
MSVOA_X
ClientSampled :

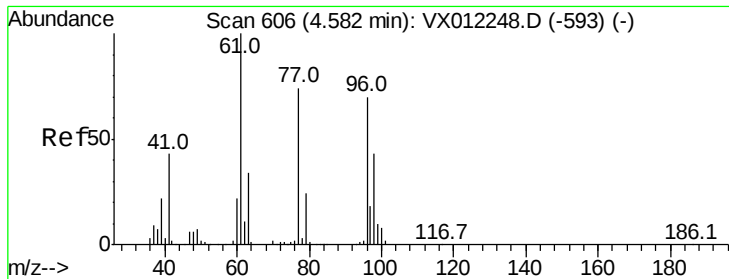
Tot Ion: 43 Resp: 30541
Ion Ratio Lower Upper
43 100
72 23.6 20.2 30.2



#26
2,2-Dichloropropane
Concen: 19.964 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion: 77 Resp: 44342
Ion Ratio Lower Upper
77 100
97 20.9 10.7 32.1

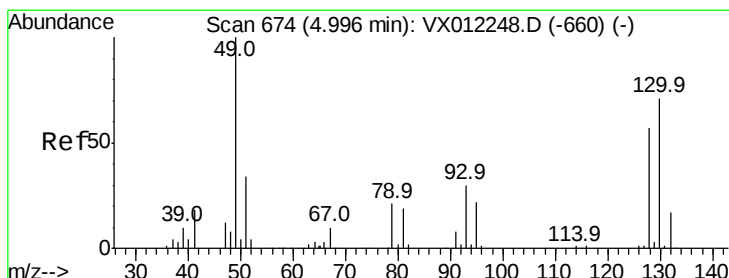
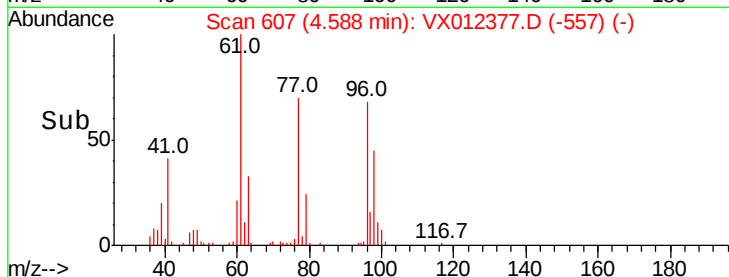
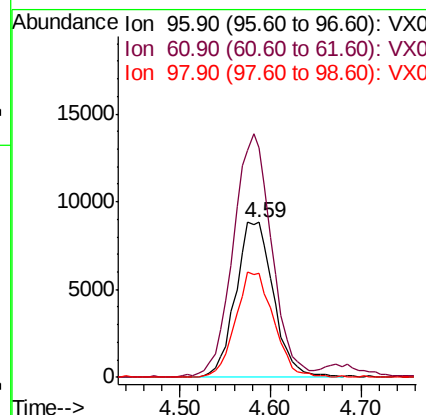
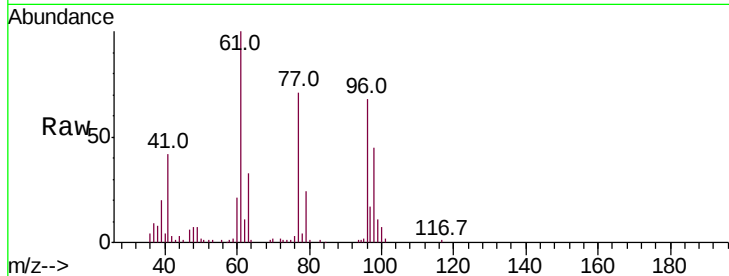




#27
 cis-1,2-Dichloroethene
 Concen: 17.529 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

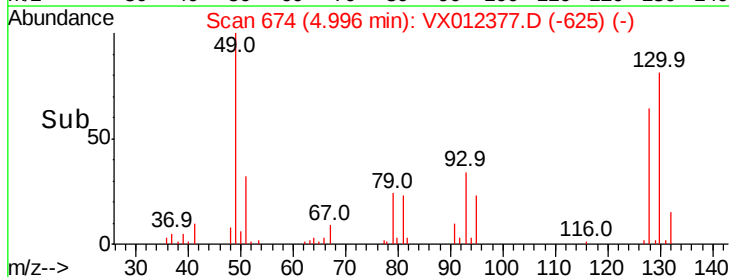
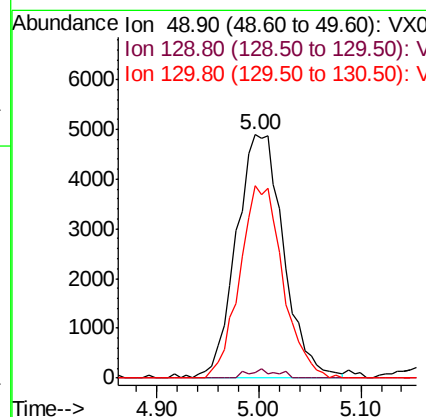
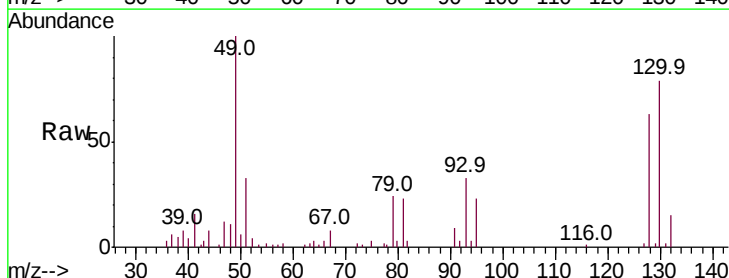
Instrument :
 MSVOA_X
 ClientSampled :

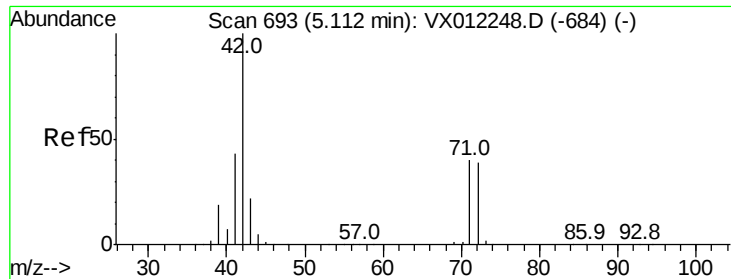
Tot Ion	96	Resp	25575
Ion	Ratio	Lower	Upper
96	100		
61	160.4	0.0	310.4
98	68.3	0.0	128.8



#28
 Bromochloromethane
 Concen: 14.201 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion	49	Resp	15756
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	72.0	60.1	90.1





#29

Tetrahydrofuran

Concen: 53.386 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :

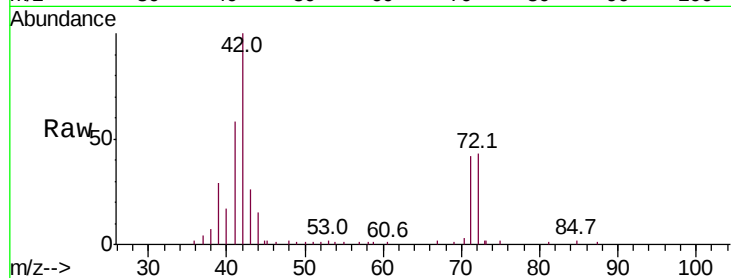
Tot Ion: 42 Resp: 15427

Ion Ratio Lower Upper

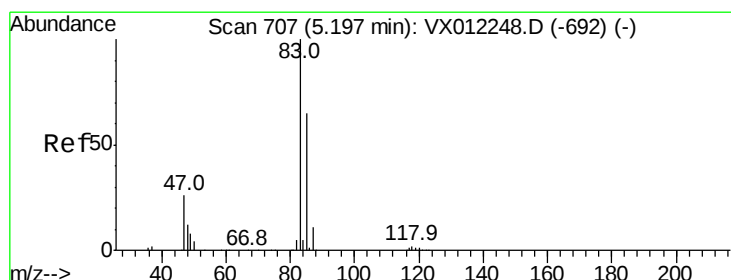
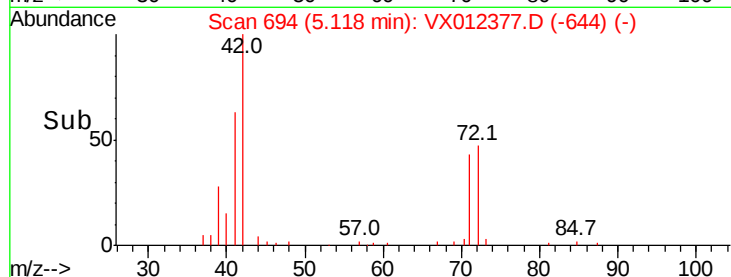
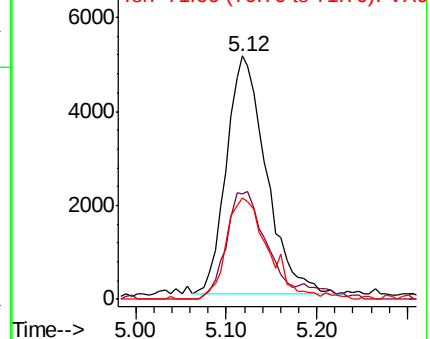
42 100

72 45.5 35.2 52.8

71 45.8 32.5 48.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.800 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012377.D

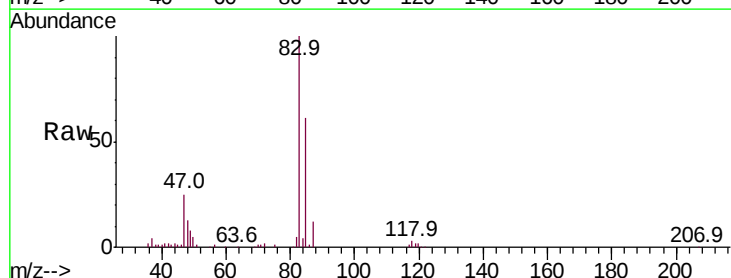
Acq: 13 Sep 2019 10:47

Tgt Ion: 83 Resp: 47486

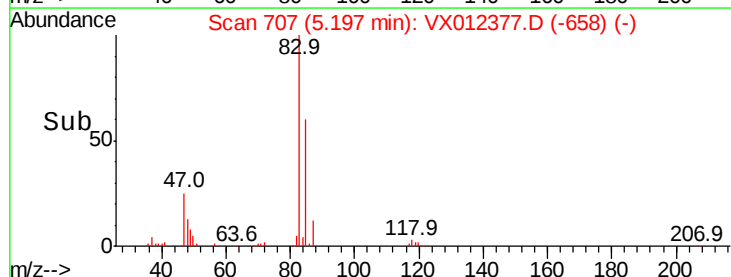
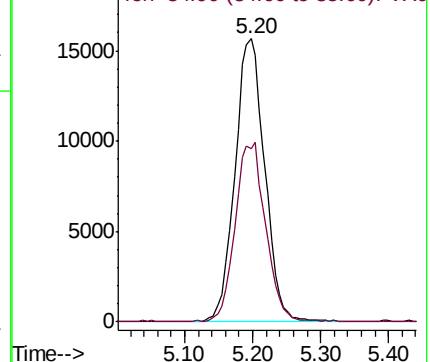
Ion Ratio Lower Upper

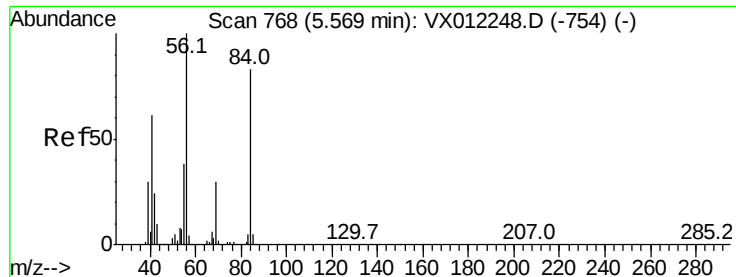
83 100

85 61.2 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

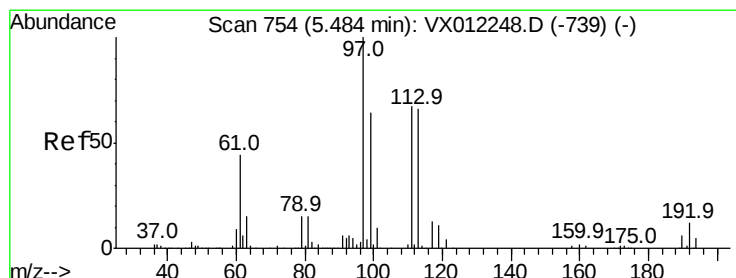
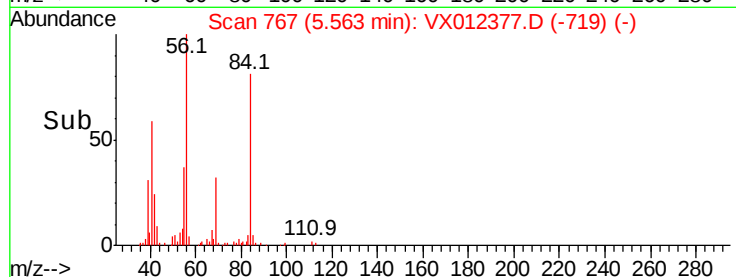
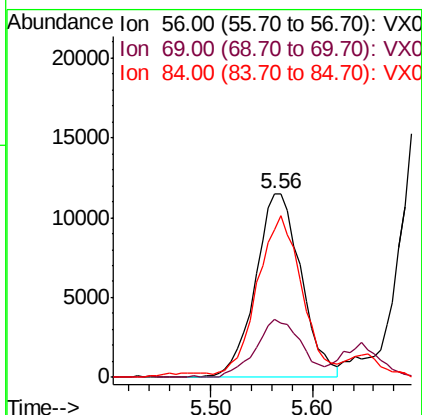
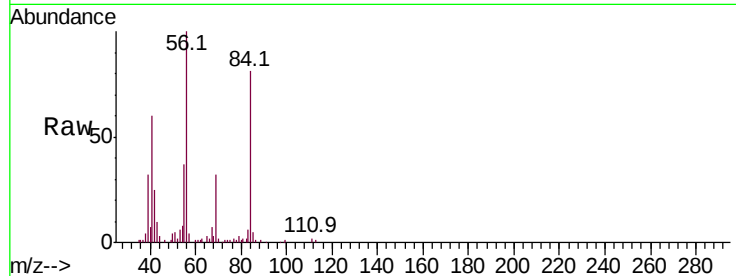




#31
Cvclohexane
Concen: 21.719 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

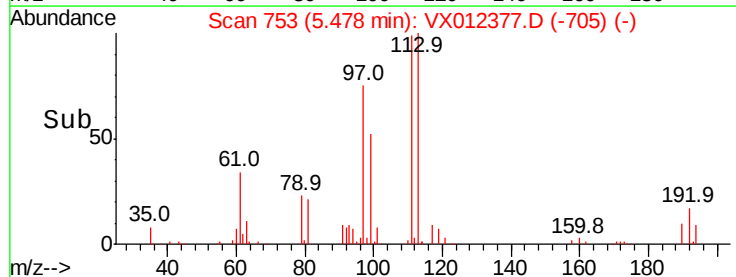
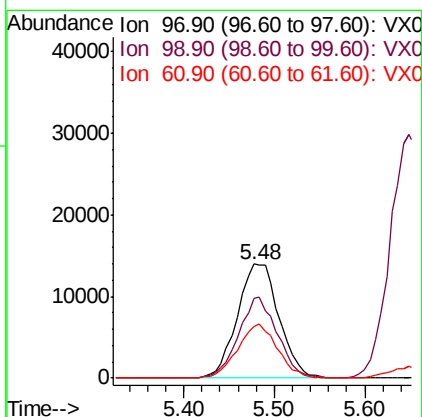
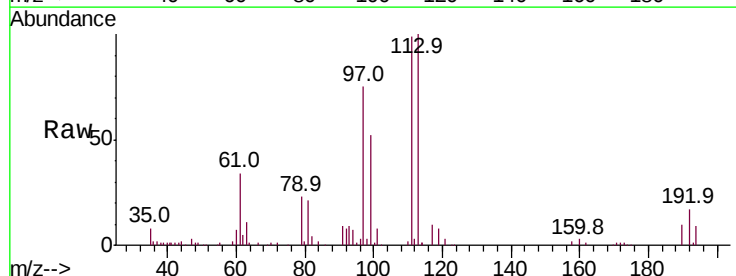
Instrument :
MSVOA_X
ClientSampleId :

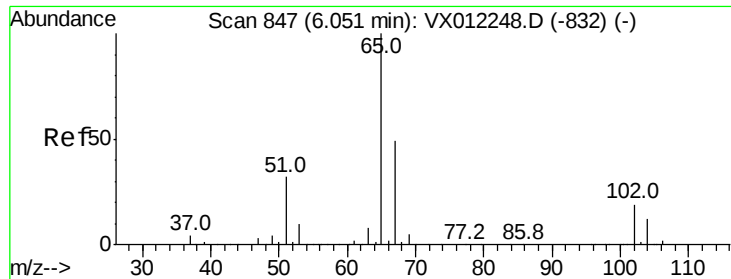
Tot Ion: 56 Resp: 35692
Ion Ratio Lower Upper
56 100
69 31.1 23.8 35.6
84 78.1 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 19.446 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion: 97 Resp: 44544
Ion Ratio Lower Upper
97 100
99 65.9 51.3 76.9
61 45.5 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 33.957 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

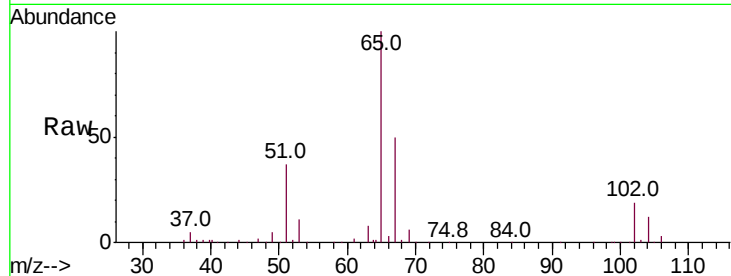
ClientSampled :

Tot Ion: 65 Resp: 60097

Ion Ratio Lower Upper

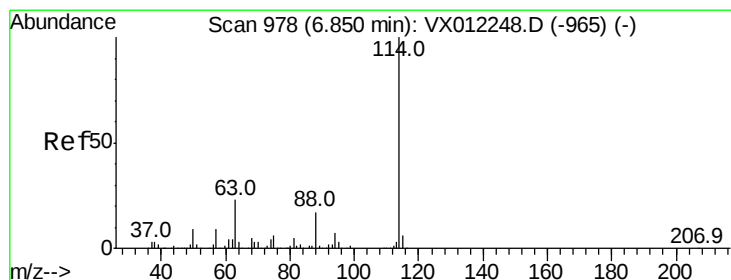
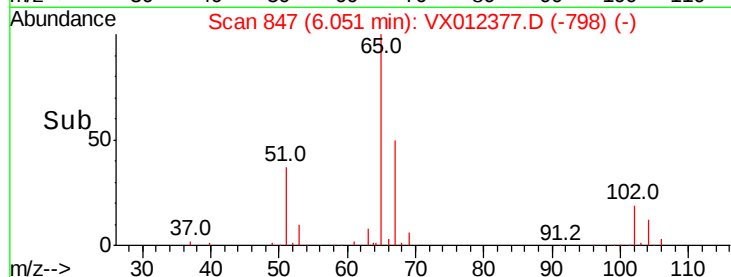
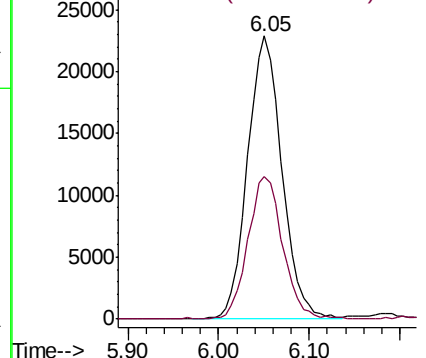
65 100

67 51.0 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

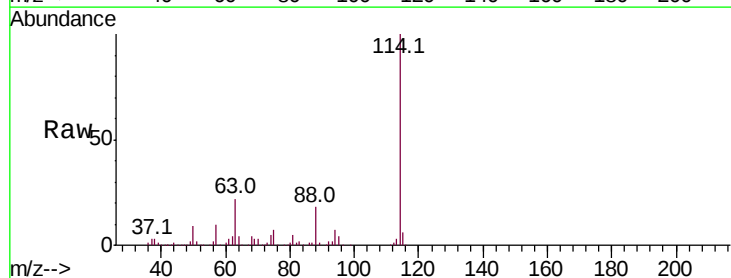
Tgt Ion:114 Resp: 197579

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.2

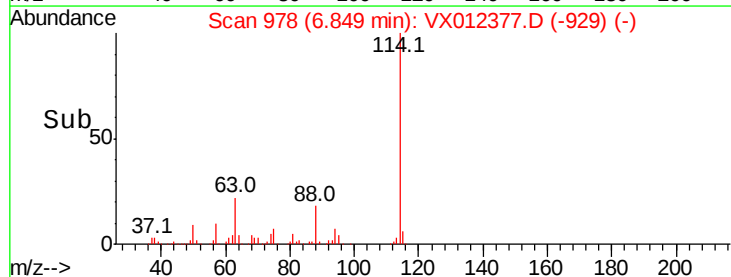
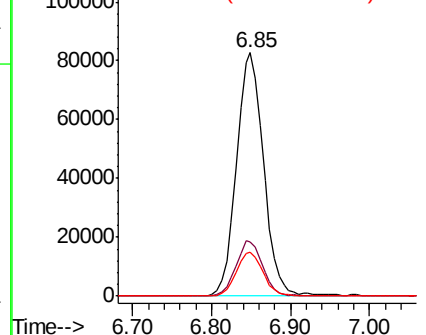
88 17.9 0.0 34.8

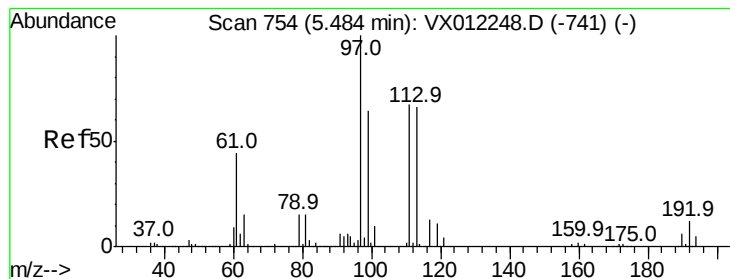


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.314 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

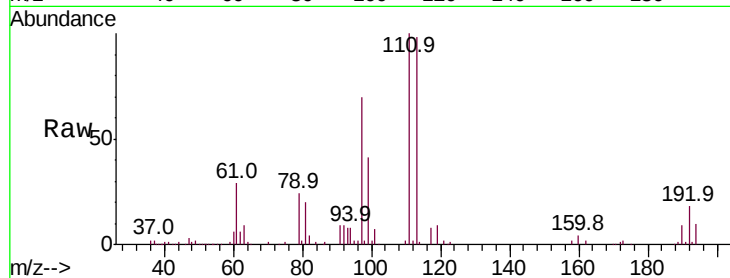
Tot Ion:113 Resp: 57393

Ion Ratio Lower Upper

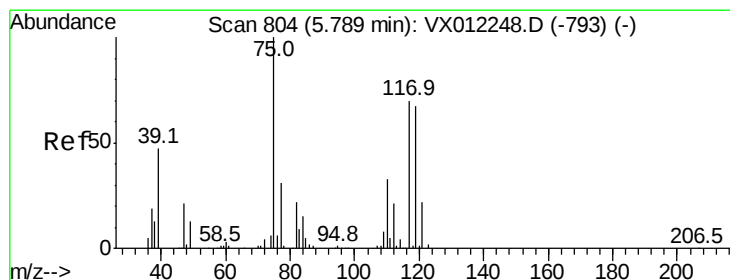
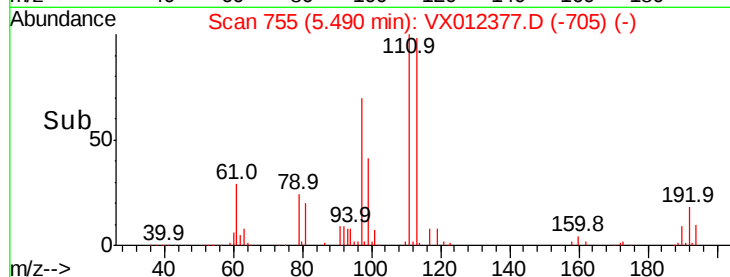
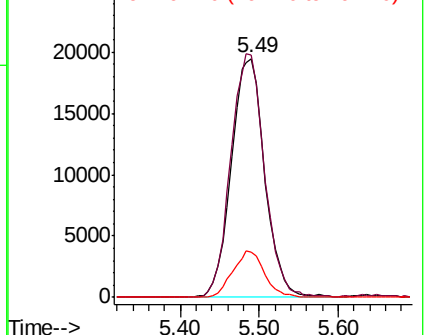
113 100

111 102.7 83.0 124.6

192 18.2 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.720 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

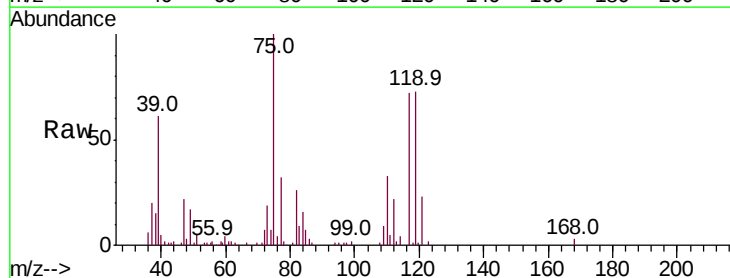
Tgt Ion: 75 Resp: 32732

Ion Ratio Lower Upper

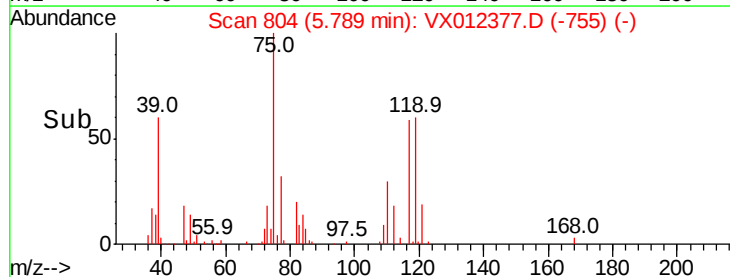
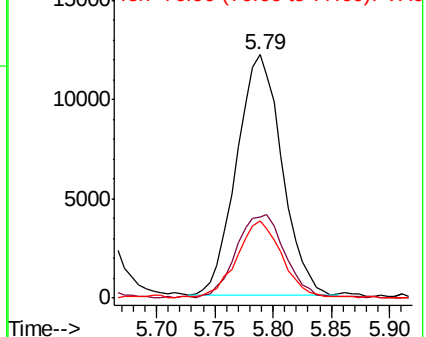
75 100

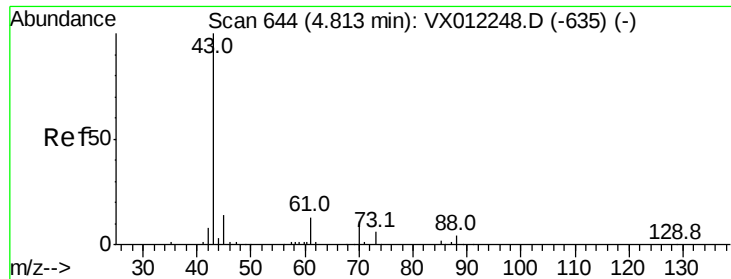
110 37.7 16.8 50.4

77 32.5 24.5 36.7



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

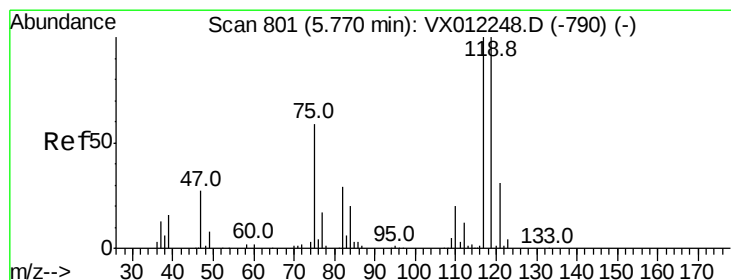
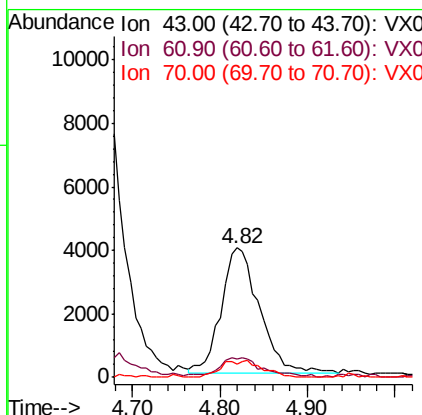
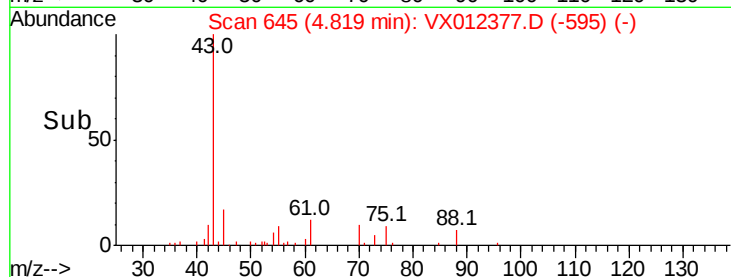
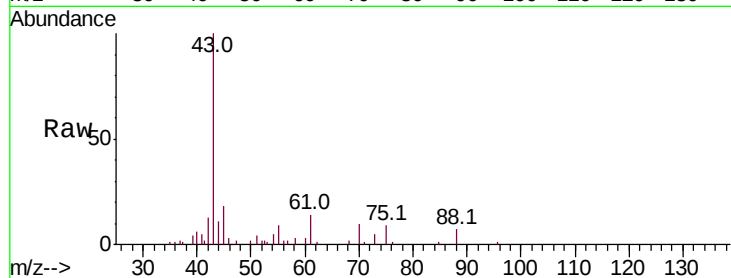




#37
Ethyl Acetate
Concen: 13.637 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

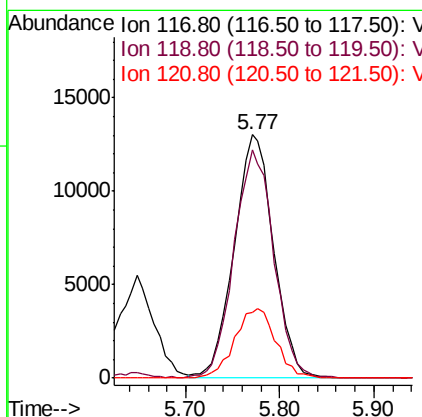
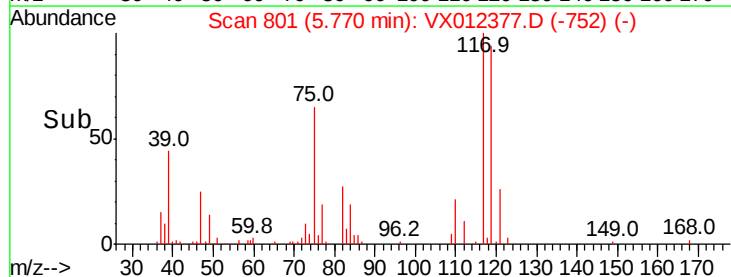
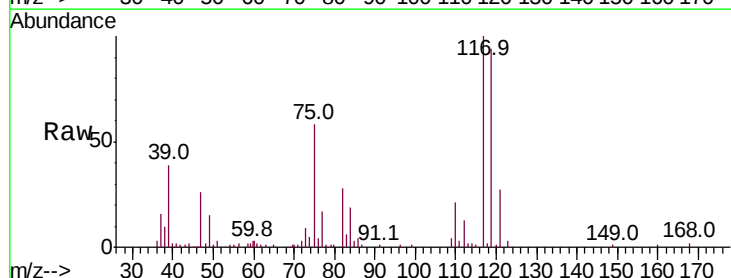
Instrument :
MSVOA_X
ClientSampled :

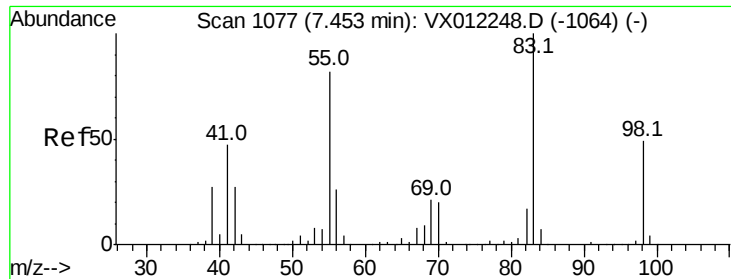
Tot Ion: 43 Resp: 12145
Ion Ratio Lower Upper
43 100
61 17.8 10.3 15.5#
70 6.3 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 22.537 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion: 117 Resp: 38094
Ion Ratio Lower Upper
117 100
119 93.9 79.6 119.4
121 27.0 24.7 37.1

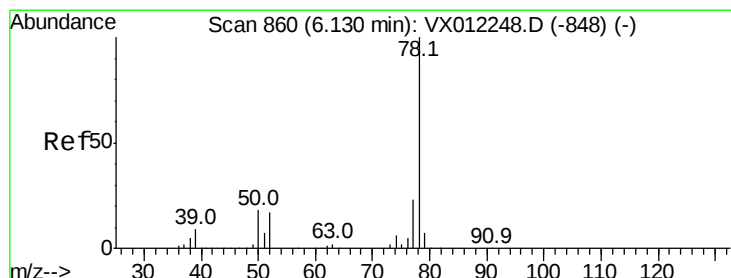
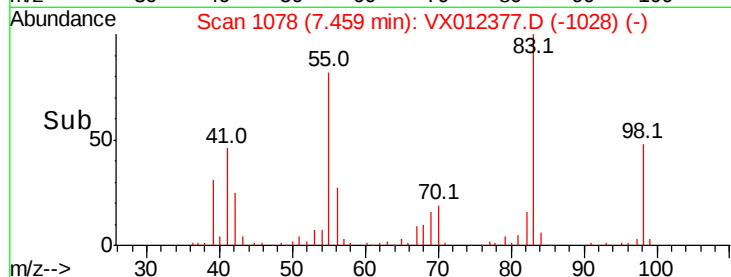
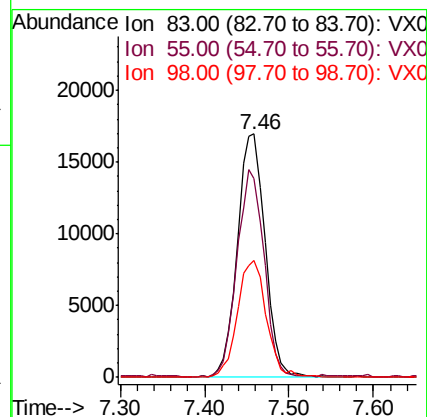
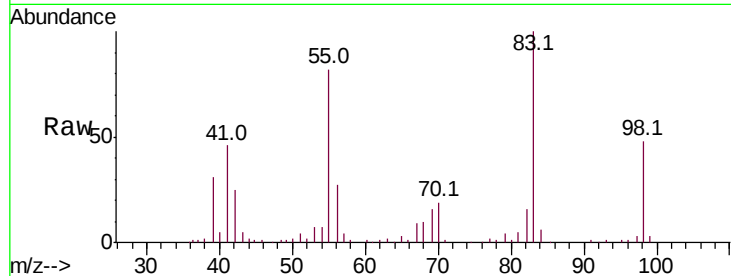




#39
Methvlcvclohexane
Concen: 23.793 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

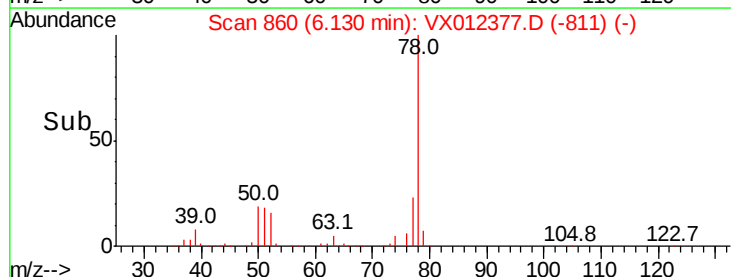
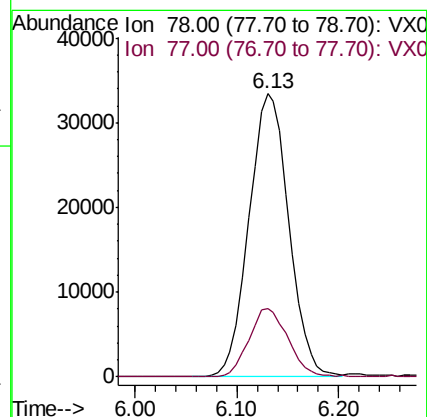
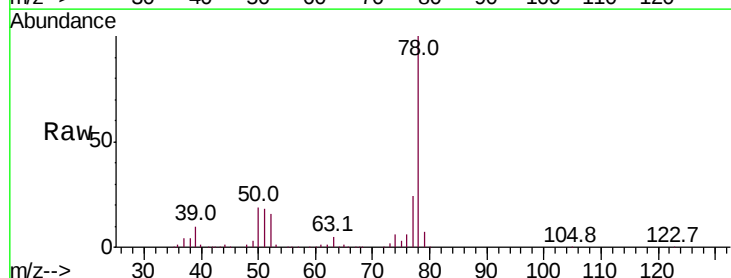
Instrument :
MSVOA_X
ClientSampled :

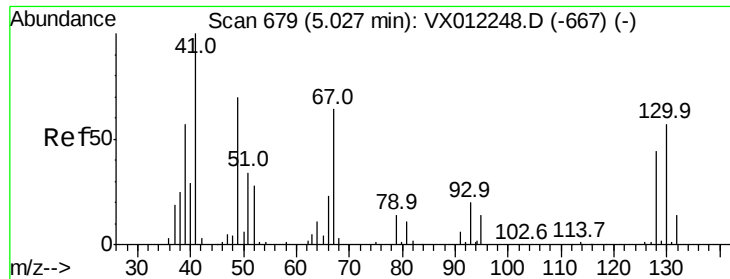
Tot Ion: 83 Resp: 37618
Ion Ratio Lower Upper
83 100
55 81.5 65.4 98.2
98 47.8 39.6 59.4



#40
Benzene
Concen: 20.845 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion: 78 Resp: 90890
Ion Ratio Lower Upper
78 100
77 23.9 18.0 27.0

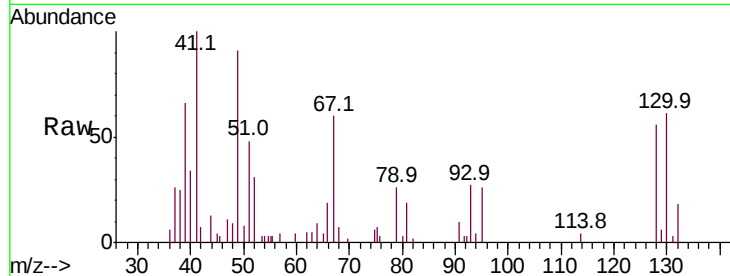




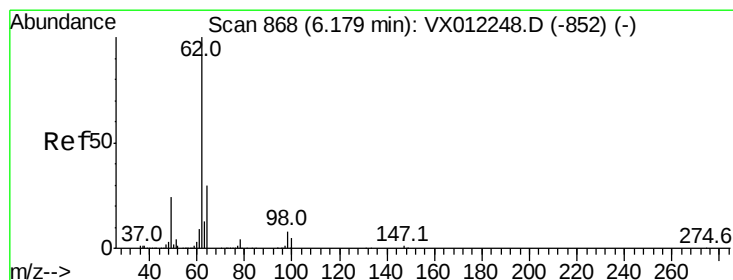
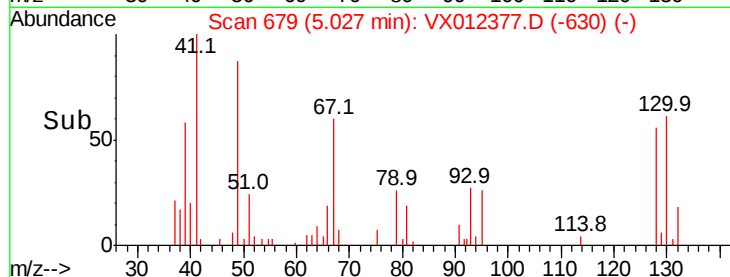
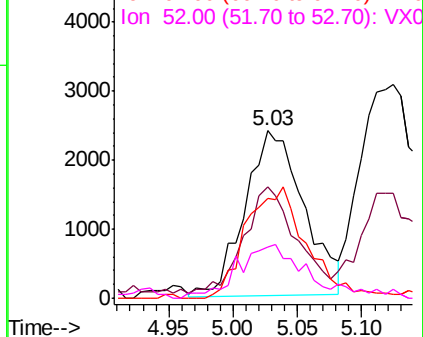
#41
Methacrylonitrile
Concen: 13.841 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	7599
Ion	Ratio	Lower	Upper
41	100		
39	56.4	49.0	73.4
67	69.5	55.0	82.4
52	34.5	25.4	38.0

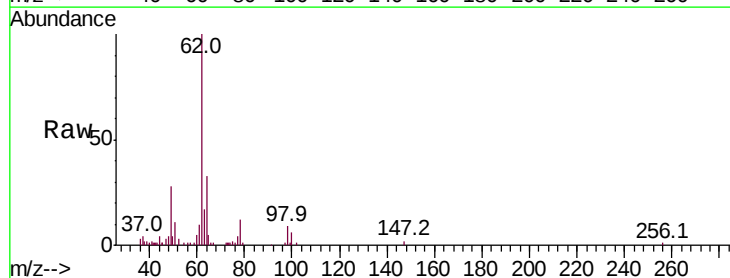


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

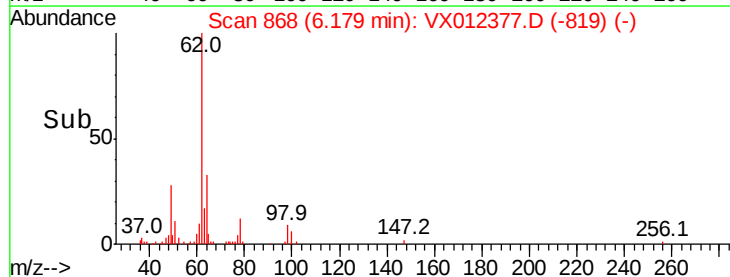
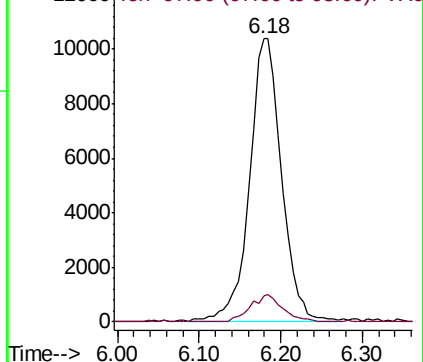


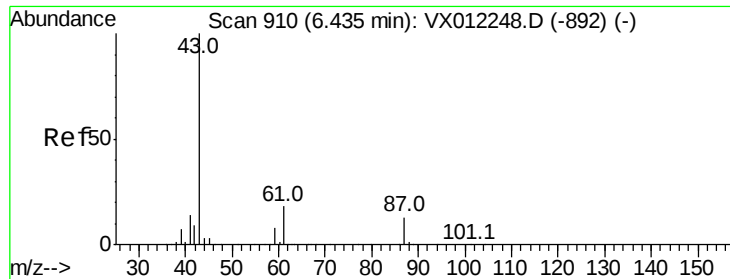
#42
1,2-Dichloroethane
Concen: 16.545 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion:	62	Resp:	28513
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.2



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



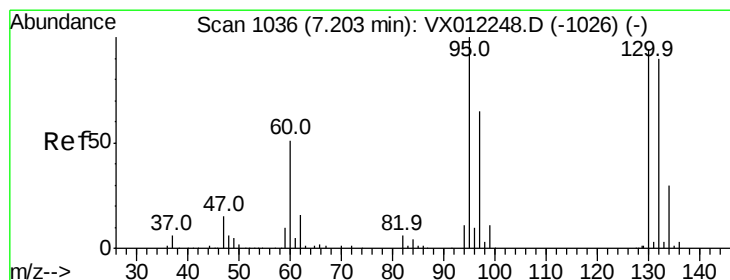
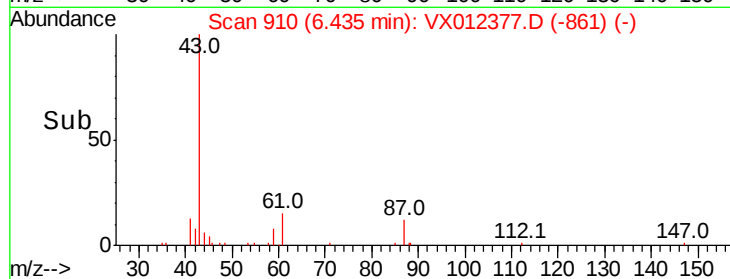
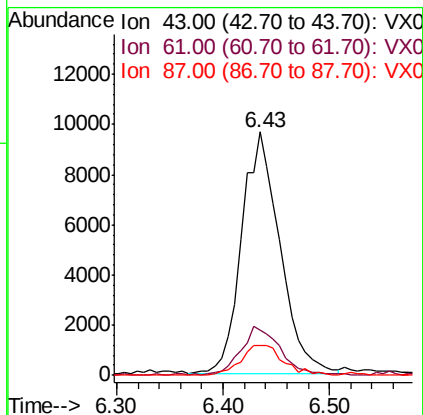
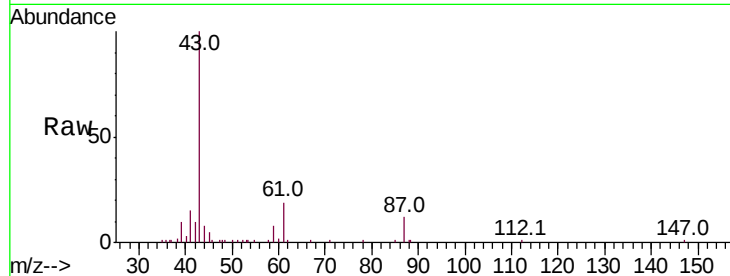


#43

Isopropyl Acetate
 Concen: 12.937 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :

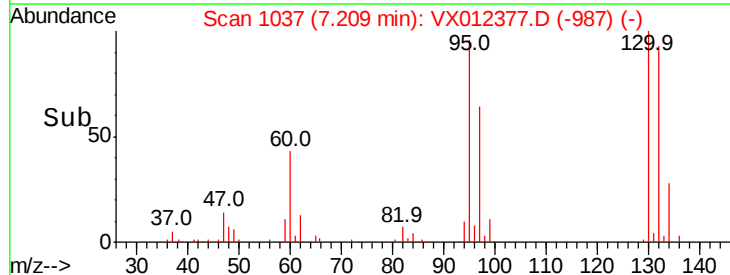
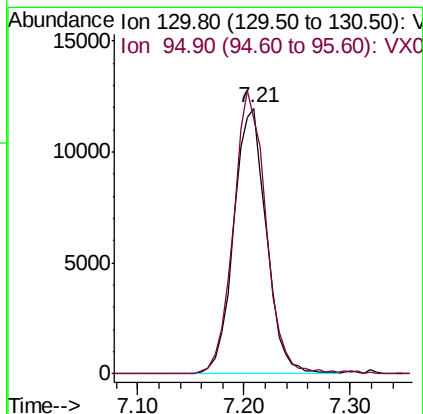
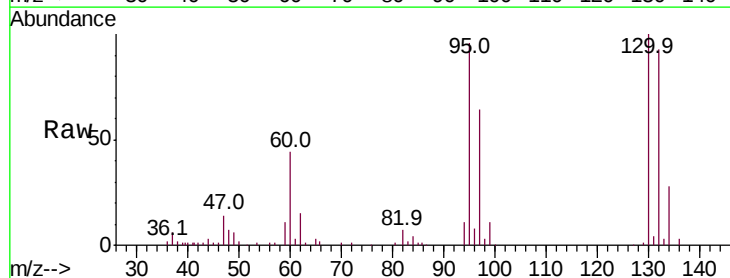
Tot Ion: 43 Resp: 24291
 Ion Ratio Lower Upper
 43 100
 61 21.0 15.4 23.2
 87 13.8 10.5 15.7

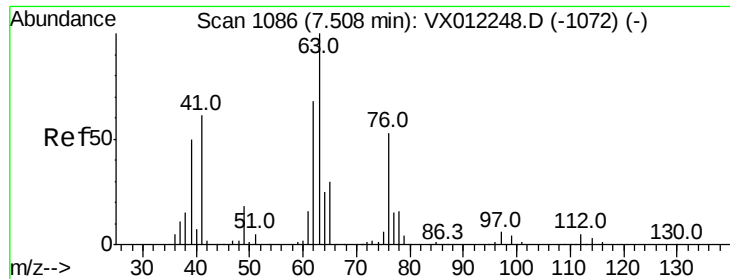


#44

Trichloroethene
 Concen: 21.828 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion:130 Resp: 25758
 Ion Ratio Lower Upper
 130 100
 95 96.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 18.453 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

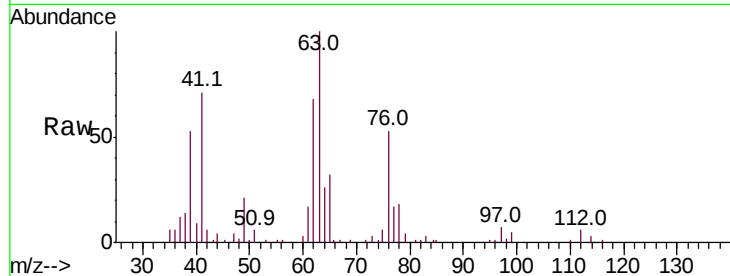
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 22272

Ion Ratio Lower Upper

63 100

65 32.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

12000

10000

8000

6000

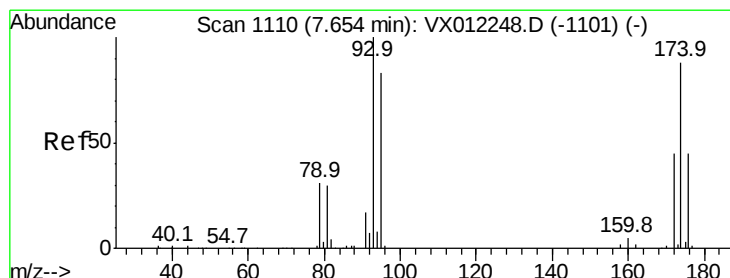
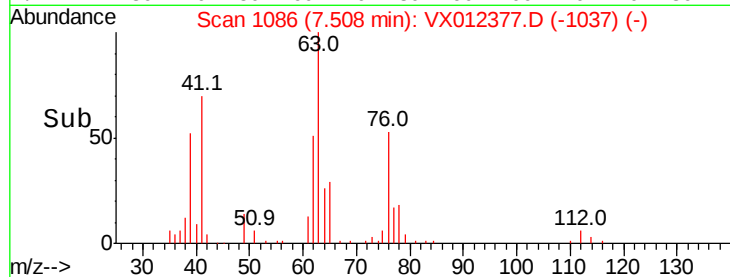
4000

2000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 16.054 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

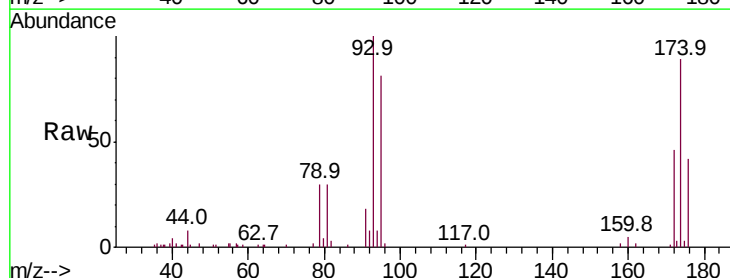
Tgt Ion: 93 Resp: 10590

Ion Ratio Lower Upper

93 100

95 81.9 65.7 98.5

174 90.8 71.0 106.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

6000

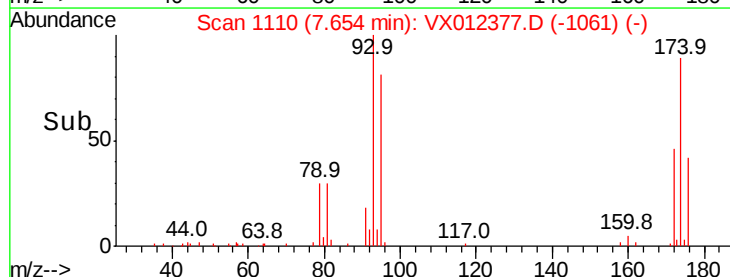
4000

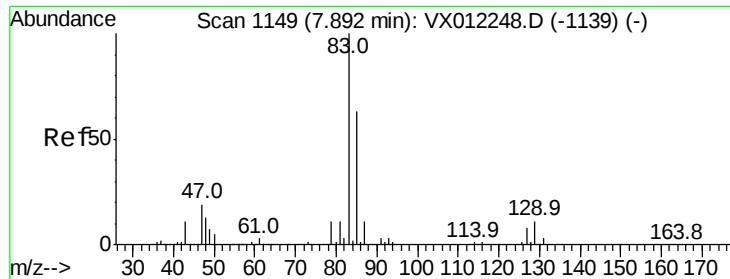
2000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 16.698 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

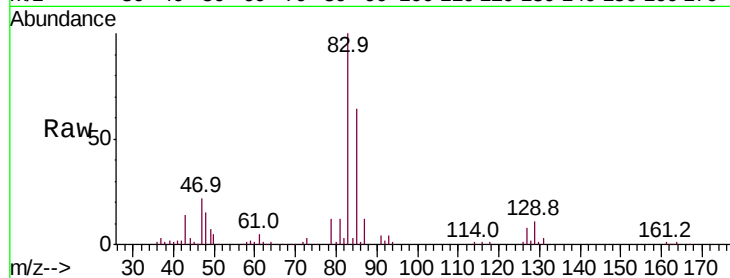
Tot Ion: 83 Resp: 30058

Ion Ratio Lower Upper

83 100

85 64.1 50.2 75.4

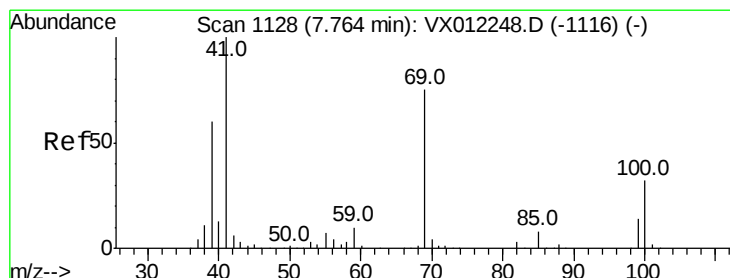
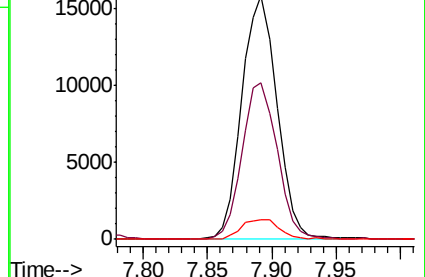
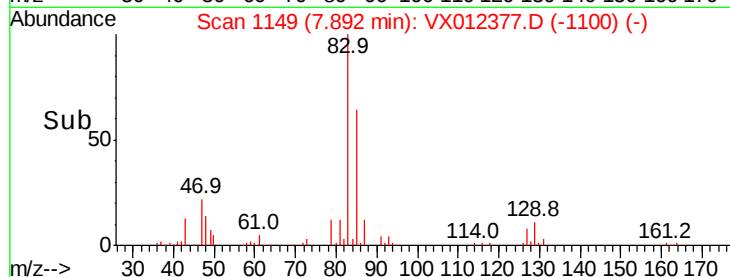
127 8.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 12.964 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

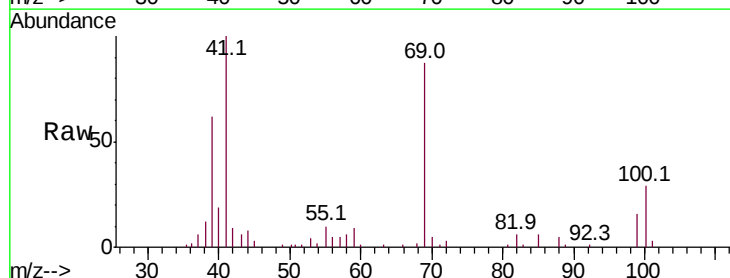
Tgt Ion: 41 Resp: 11651

Ion Ratio Lower Upper

41 100

69 82.1 61.8 92.6

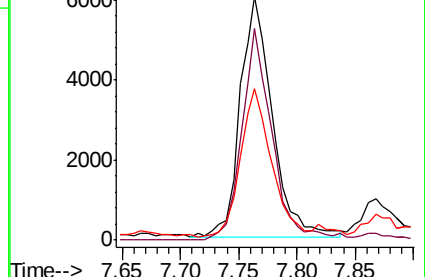
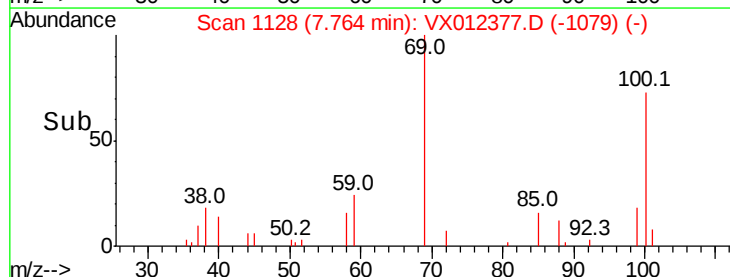
39 59.8 48.6 73.0

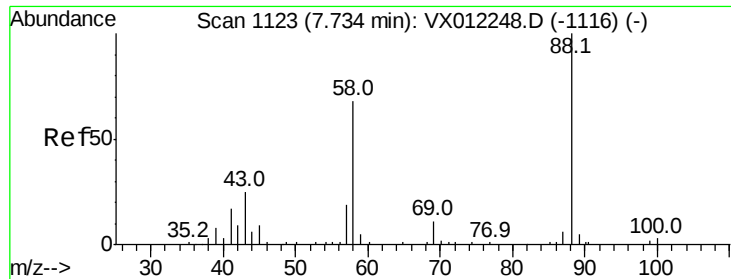


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 266.341 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :

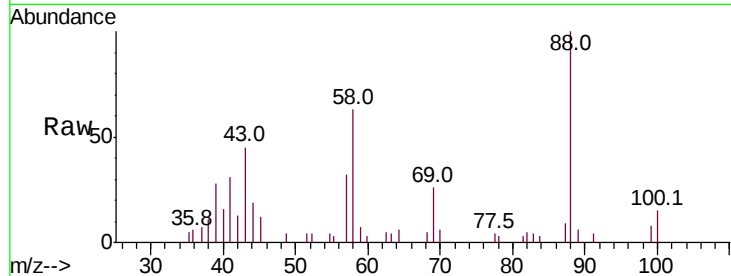
Tot Ion: 88 Resp: 3230

Ion Ratio Lower Upper

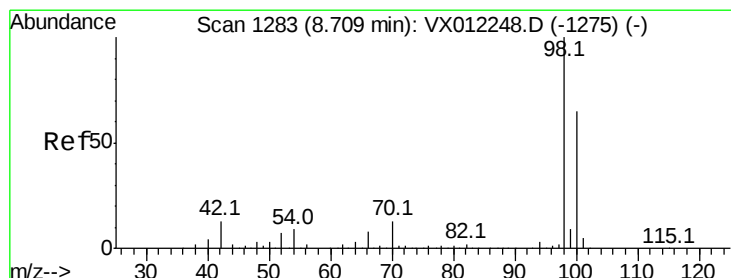
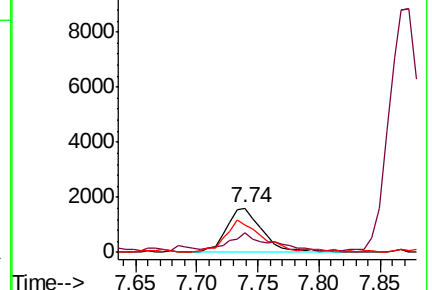
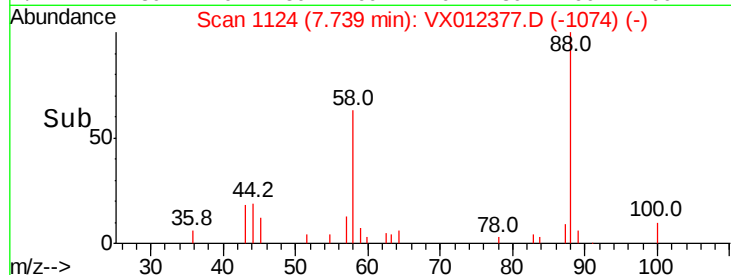
88 100

43 43.7 31.0 46.4

58 74.4 61.5 92.3



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: 51.766 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012377.D

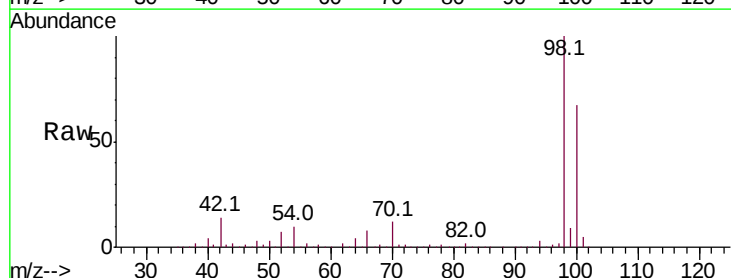
Acq: 13 Sep 2019 10:47

Tgt Ion: 98 Resp: 229959

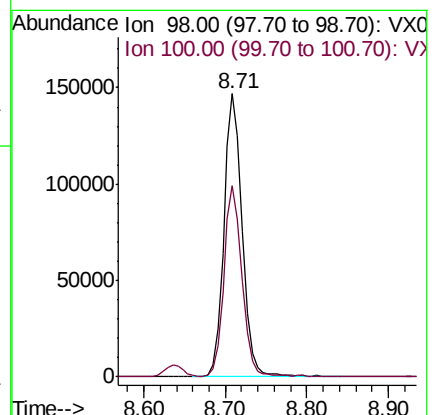
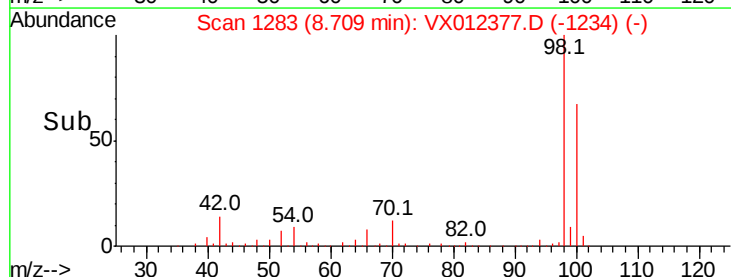
Ion Ratio Lower Upper

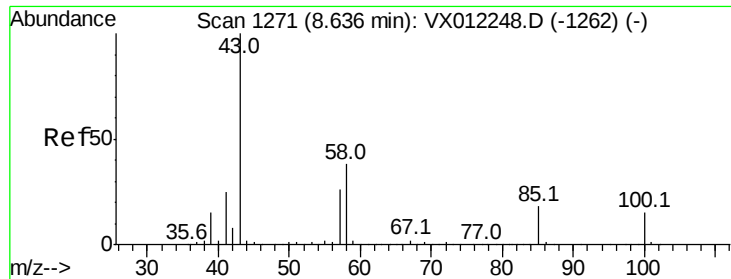
98 100

100 65.7 54.1 81.1



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





#51

4-Methyl-2-Pentanone

Concen: 61.529 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

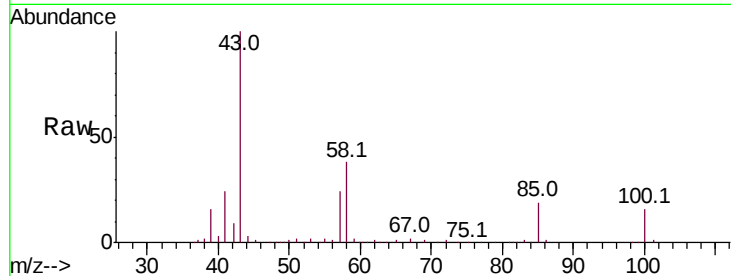
ClientSampleId :

Tot Ion: 43 Resp: 60973

Ion Ratio Lower Upper

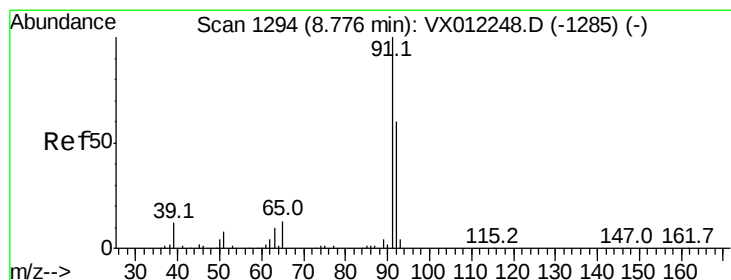
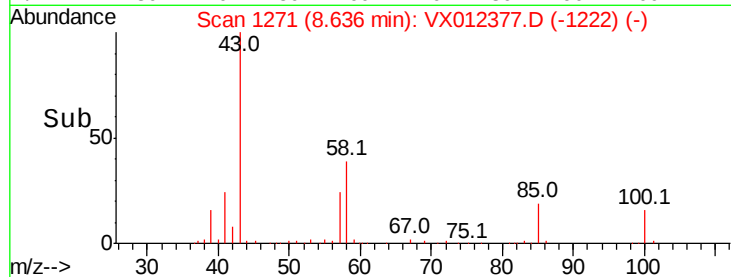
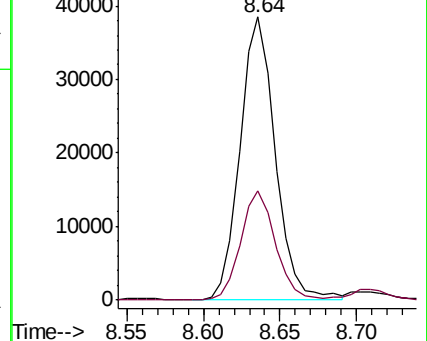
43 100

58 38.4 30.1 45.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.183 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX012377.D

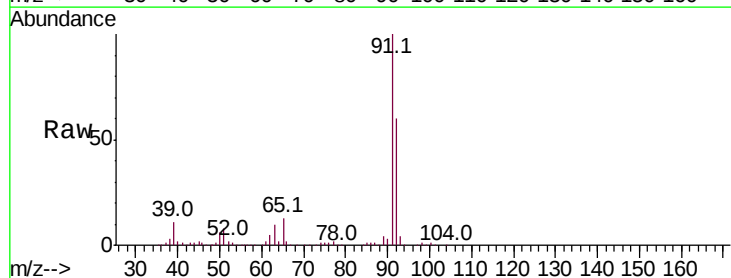
Acq: 13 Sep 2019 10:47

Tgt Ion: 92 Resp: 61007

Ion Ratio Lower Upper

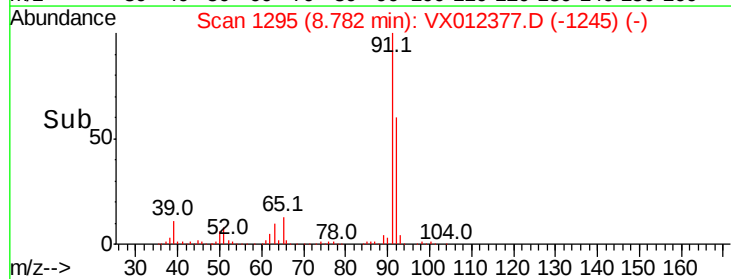
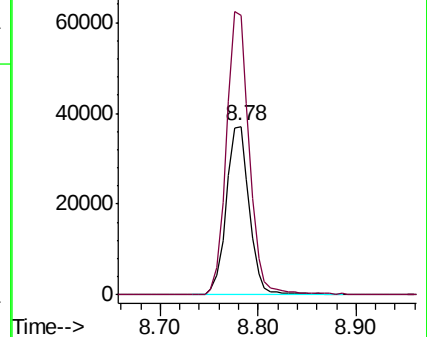
92 100

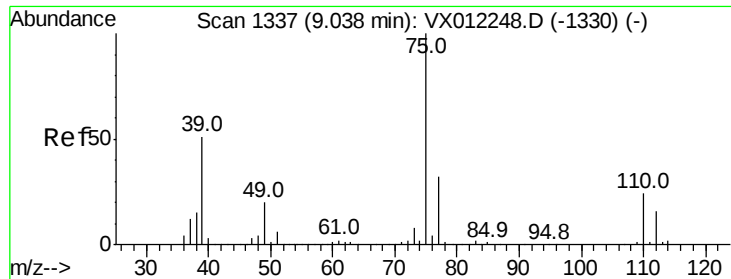
91 166.8 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 14.872 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

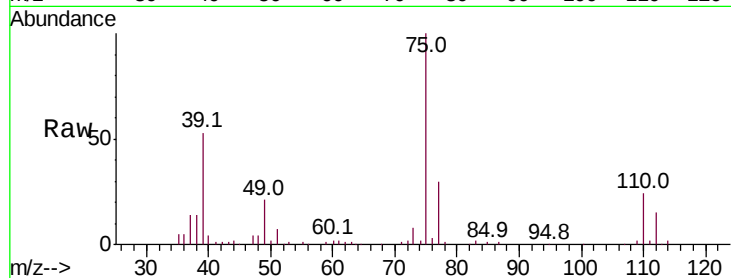
ClientSampleId :

Tot Ion: 75 Resp: 26720

Ion Ratio Lower Upper

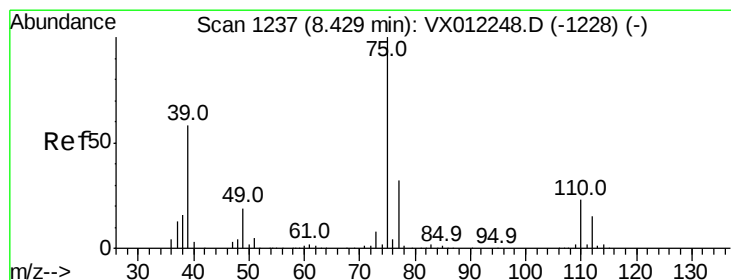
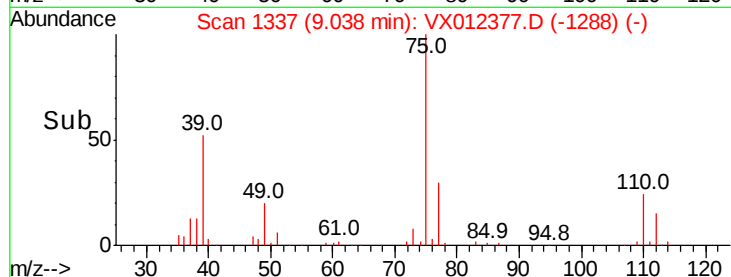
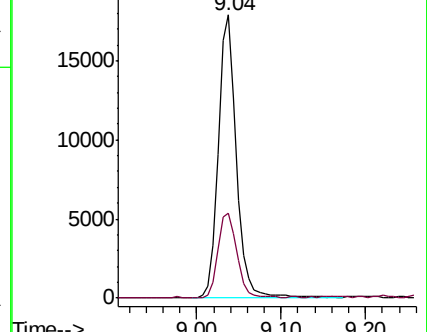
75 100

77 29.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.572 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

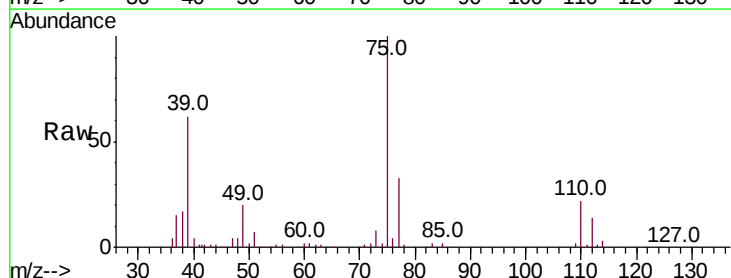
Tgt Ion: 75 Resp: 33016

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.2

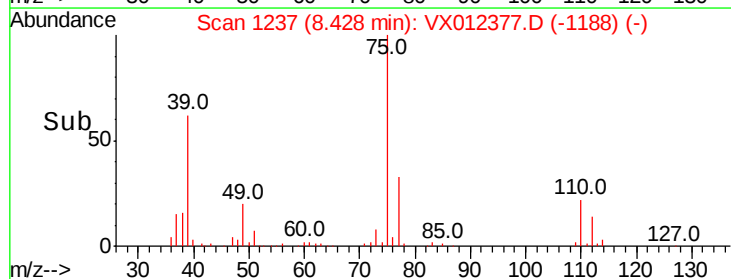
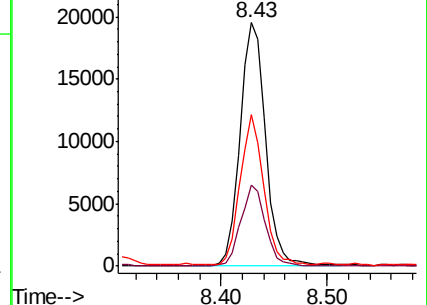
39 61.4 46.5 69.7

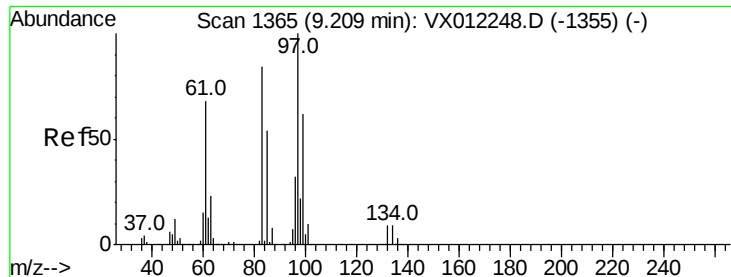


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

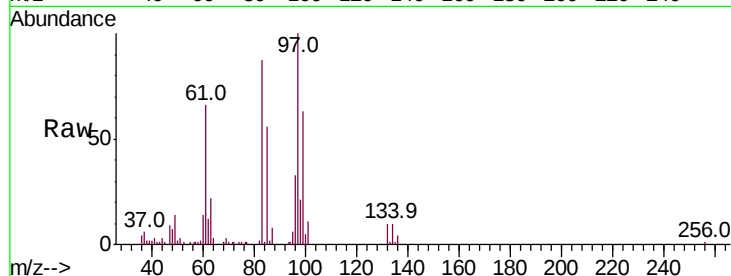




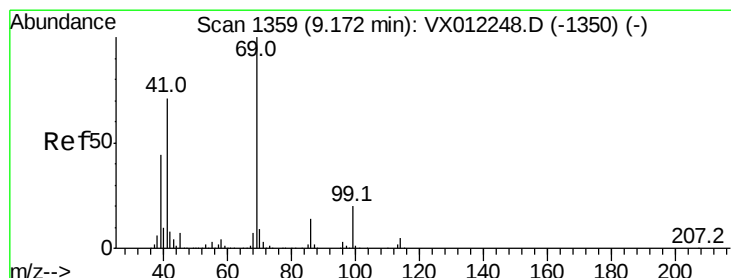
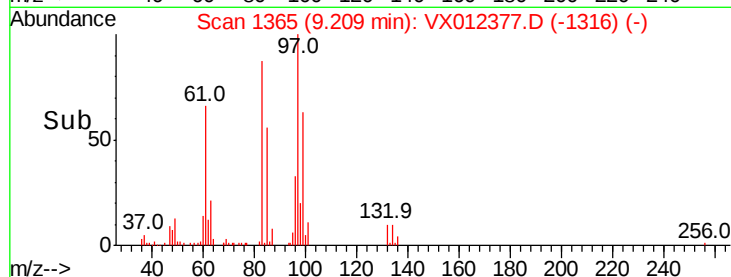
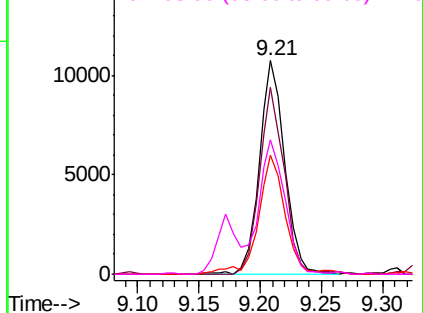
#55
 1,1,2-Trichloroethane
 Concen: 15.185 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 15518
 Ion Ratio Lower Upper
 97 100
 83 87.5 67.4 101.2
 85 55.8 43.4 65.2
 99 63.0 49.8 74.6

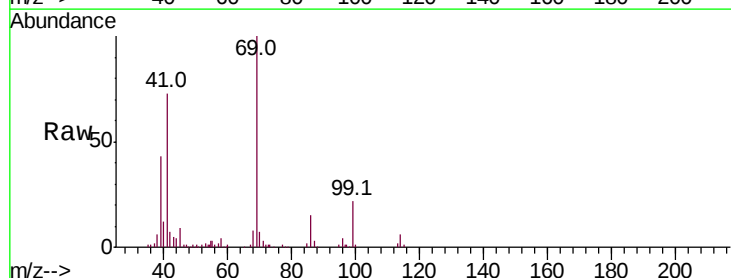


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

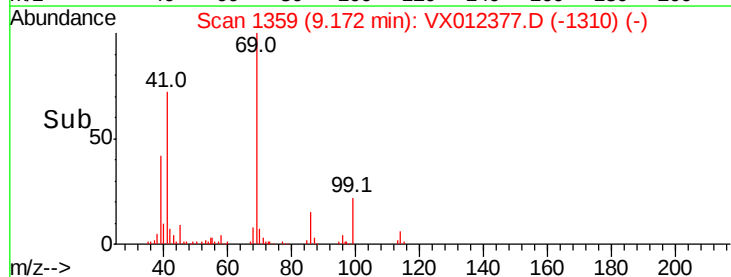
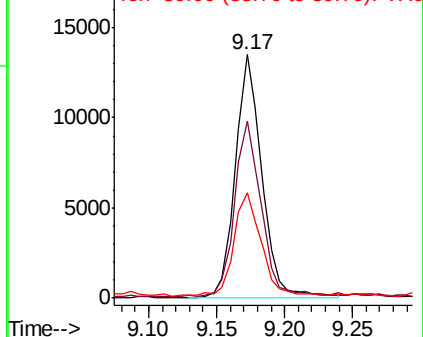


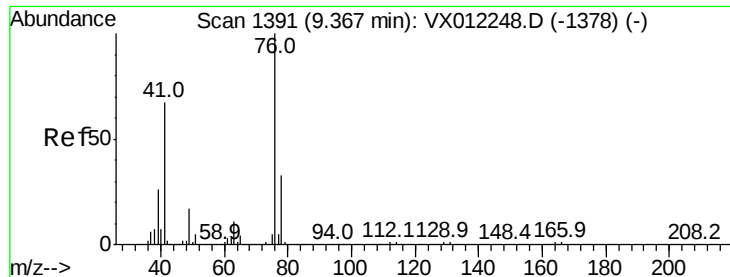
#56
 Ethyl methacrylate
 Concen: 13.363 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion: 69 Resp: 18490
 Ion Ratio Lower Upper
 69 100
 41 71.6 57.7 86.5
 39 42.0 34.0 51.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 15.721 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

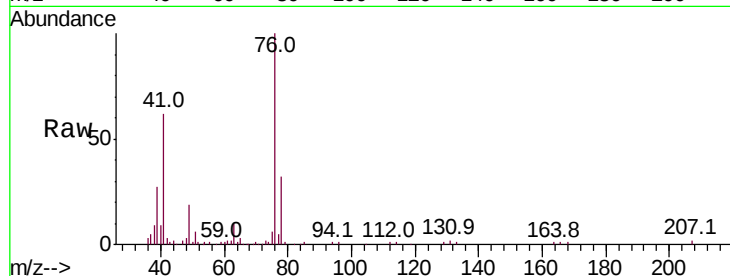
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 27439

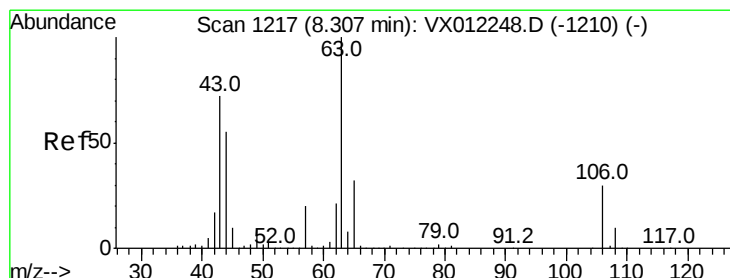
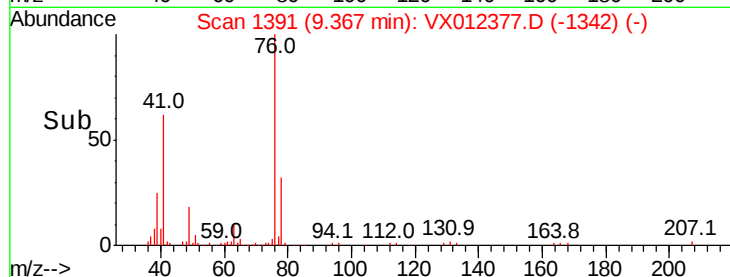
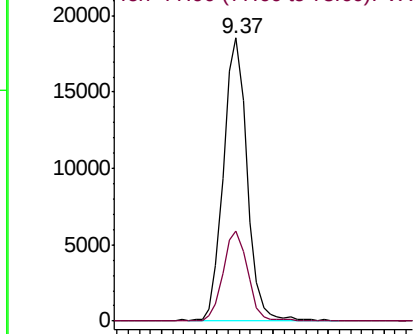
Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 62.120 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012377.D

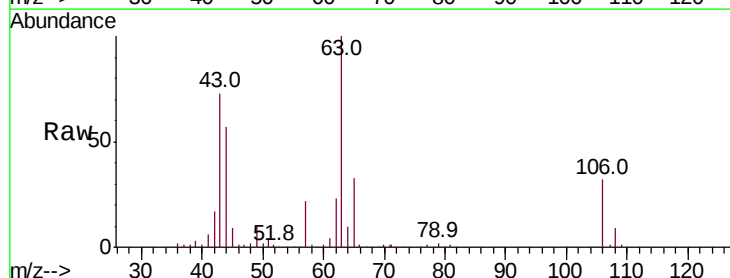
Acq: 13 Sep 2019 10:47

Tgt Ion: 63 Resp: 44054

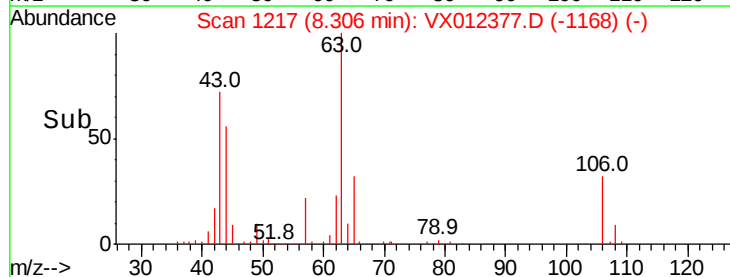
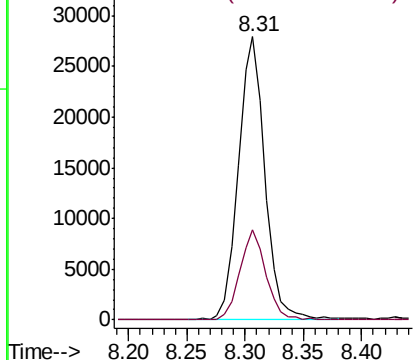
Ion Ratio Lower Upper

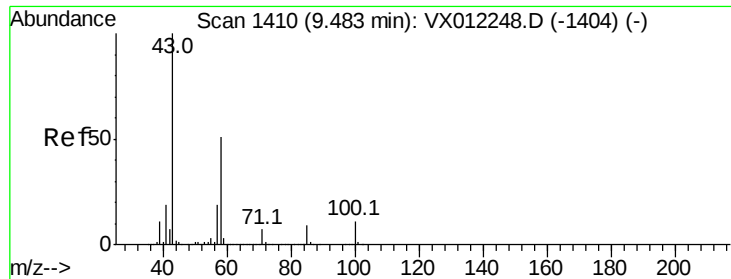
63 100

106 31.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

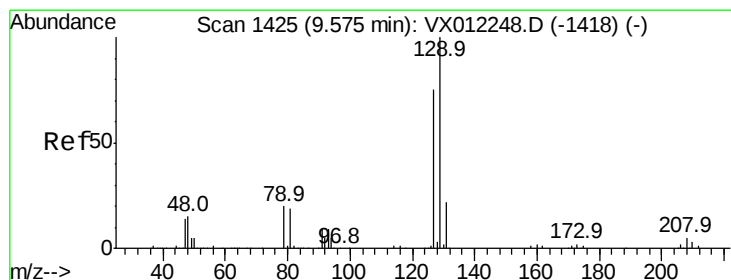
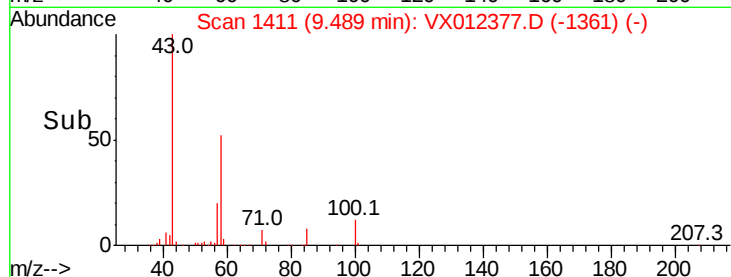
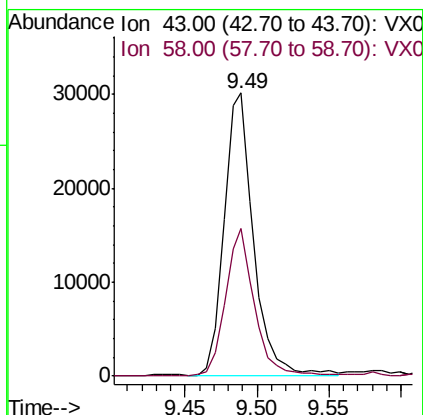
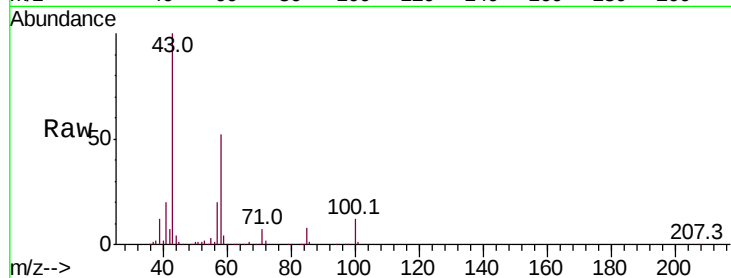




#59
2-Hexanone
Concen: 62.016 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

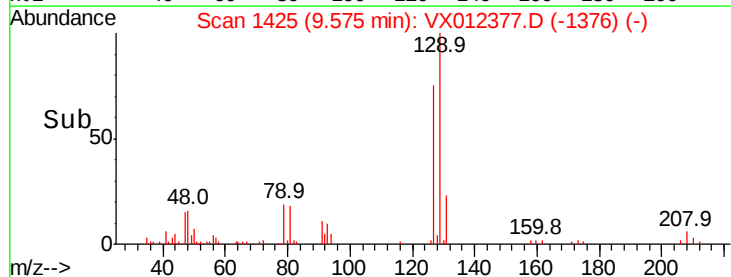
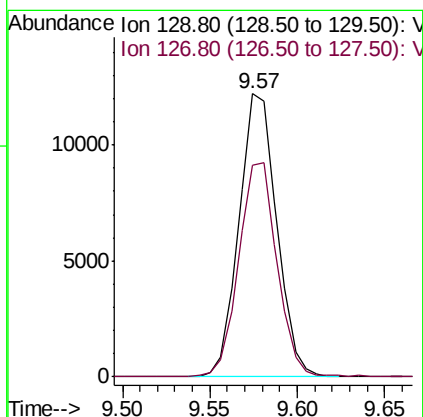
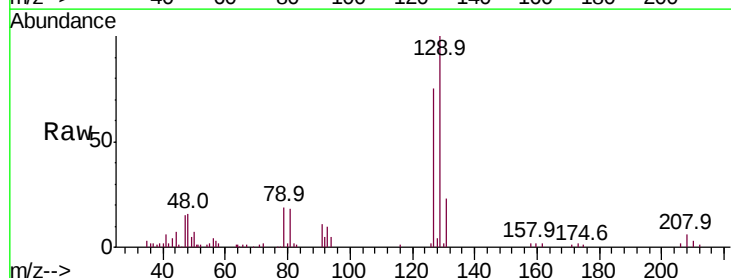
Instrument :
MSVOA_X
ClientSampleId :

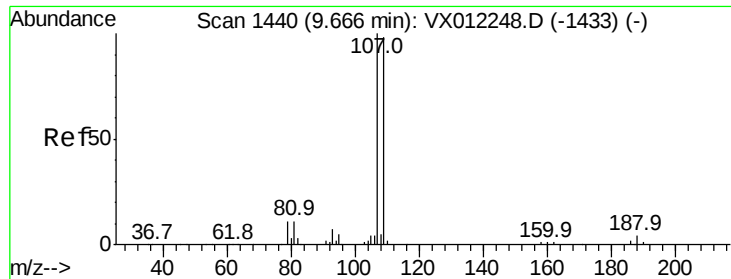
Tot Ion: 43 Resp: 42730
Ion Ratio Lower Upper
43 100
58 51.8 25.8 77.3



#60
Dibromochloromethane
Concen: 15.311 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion: 129 Resp: 18267
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3

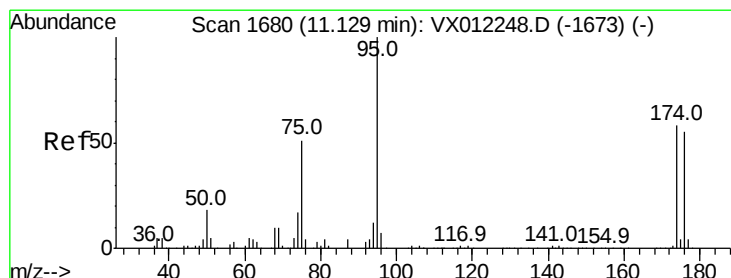
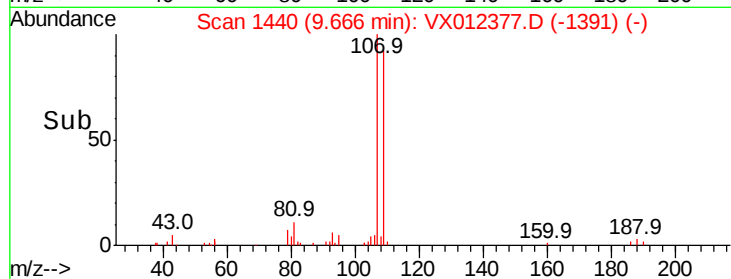
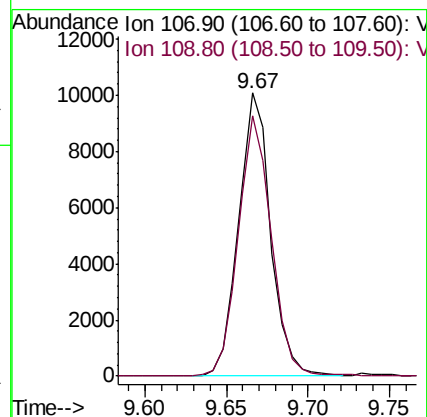
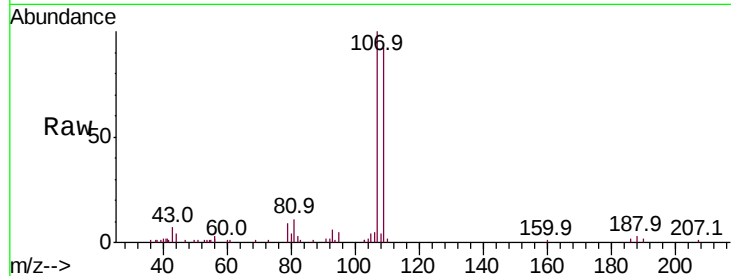




#61
 1,2-Dibromoethane
 Concen: 14.527 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

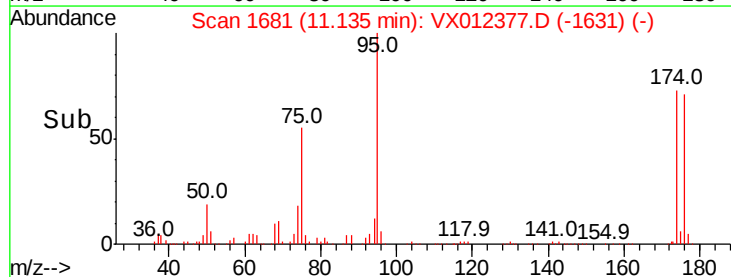
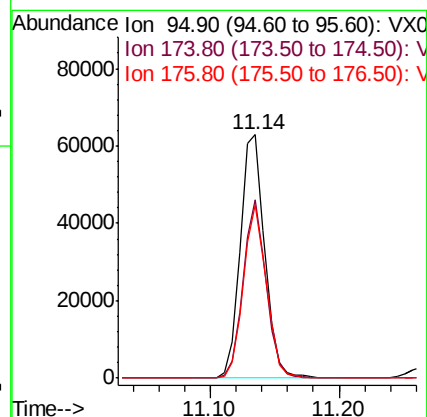
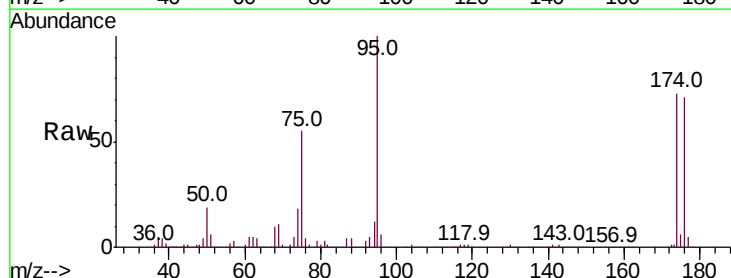
Instrument :
 MSVOA_X
 ClientSampleId :

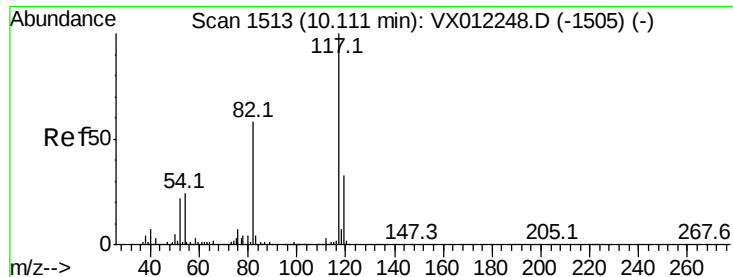
Tot Ion:107 Resp: 13819
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 40.231 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion: 95 Resp: 82855
 Ion Ratio Lower Upper
 95 100
 174 68.9 0.0 127.0
 176 67.2 0.0 125.8

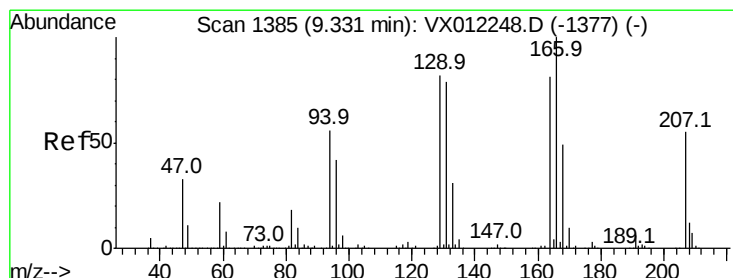
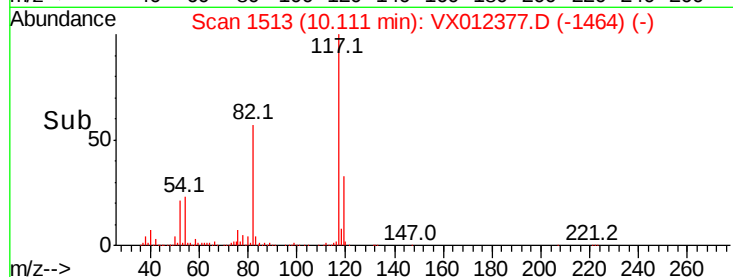
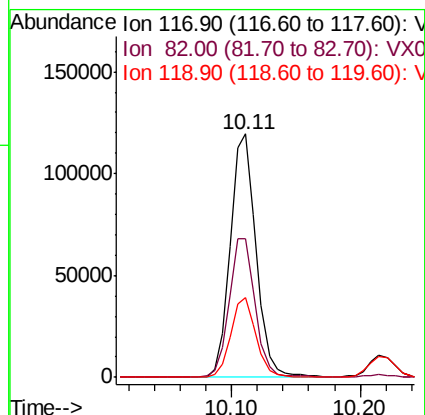
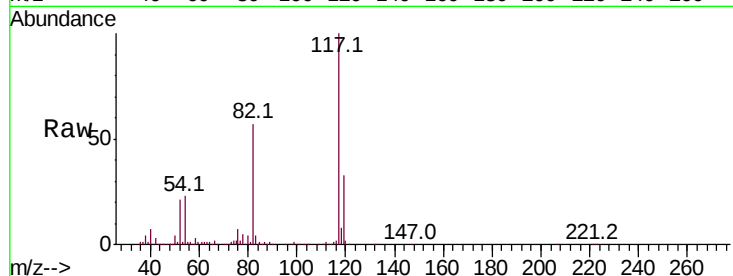




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

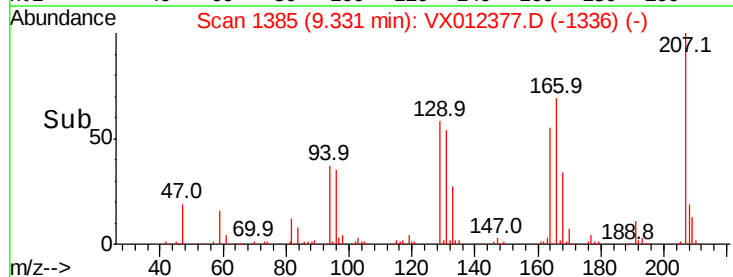
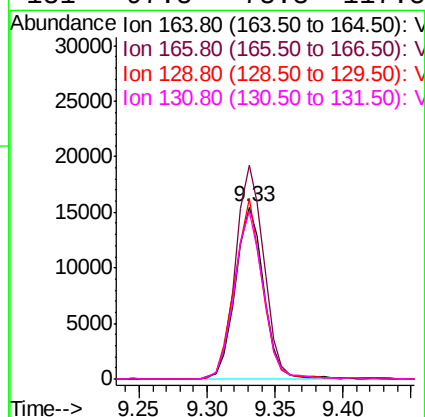
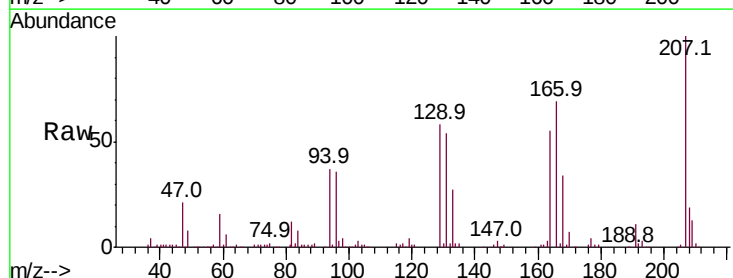
Instrument :
MSVOA_X
ClientSampleId :

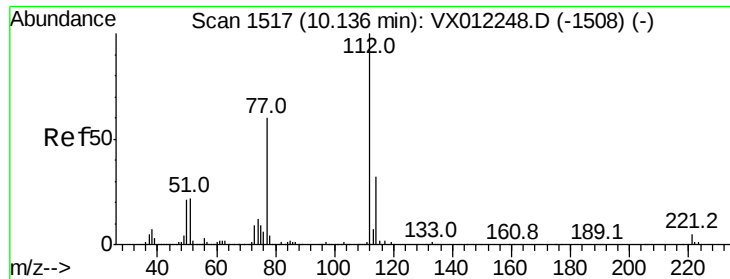
Tot Ion:117 Resp: 168152
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 32.9 26.6 39.8



#64
Tetrachloroethene
Concen: 25.283 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion:164 Resp: 22484
Ion Ratio Lower Upper
164 100
166 124.3 99.4 149.0
129 104.9 81.8 122.8
131 97.5 78.3 117.5





#65

Chlorobenzene

Concen: 21.144 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

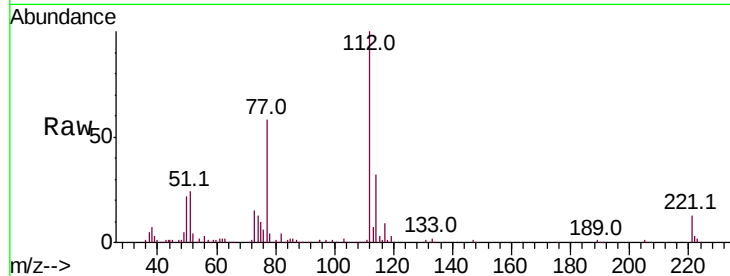
ClientSampled :

Tot Ion:112 Resp: 64965

Ion Ratio Lower Upper

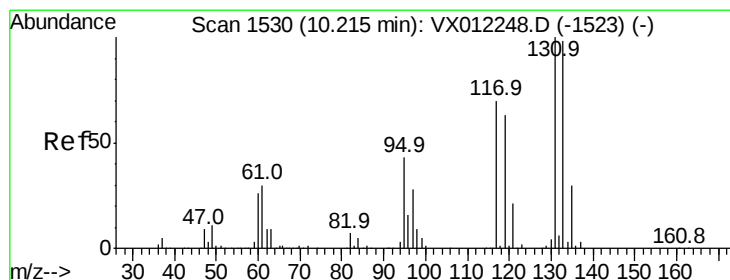
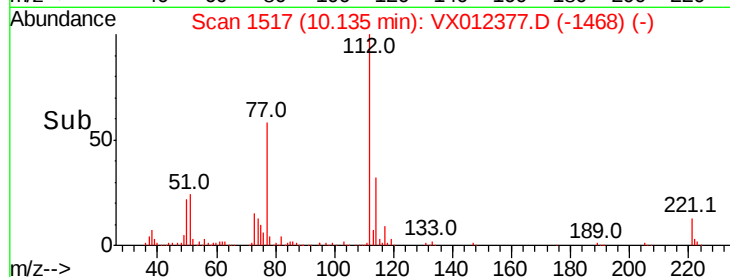
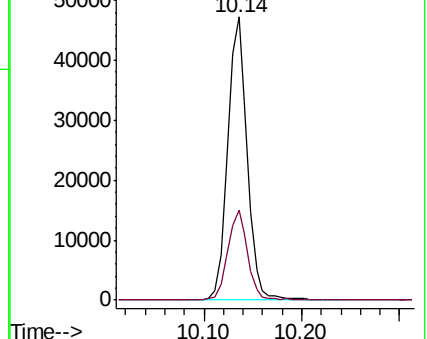
112 100

114 31.8 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.772 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

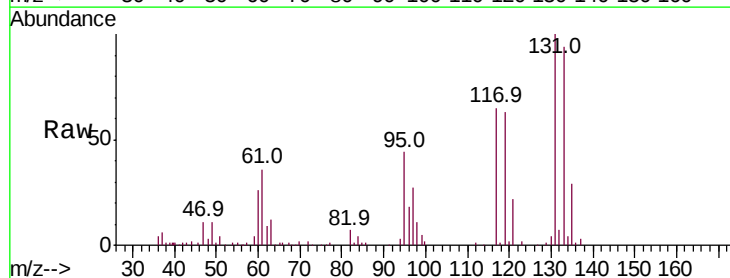
Tgt Ion:131 Resp: 22900

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.2

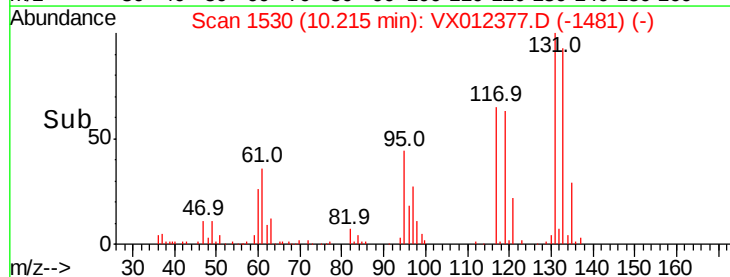
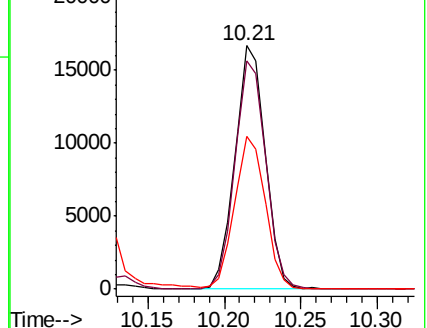
119 64.1 31.6 95.0

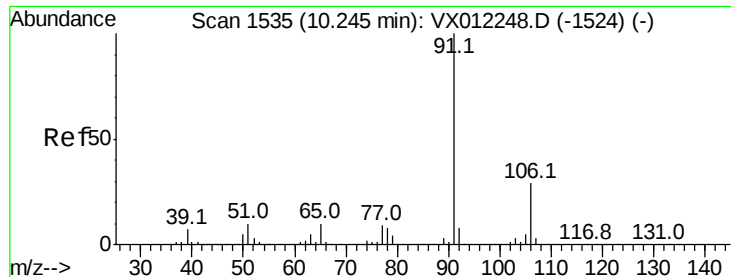


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

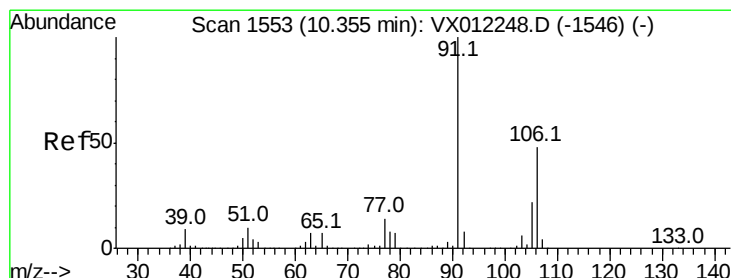
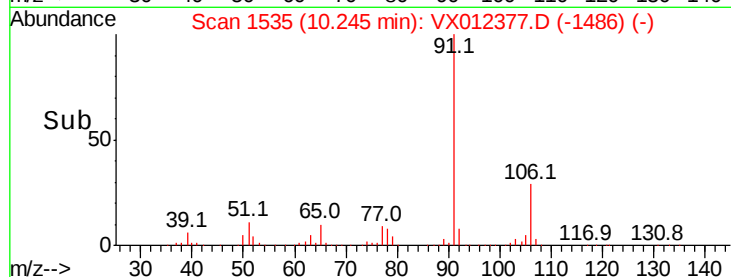
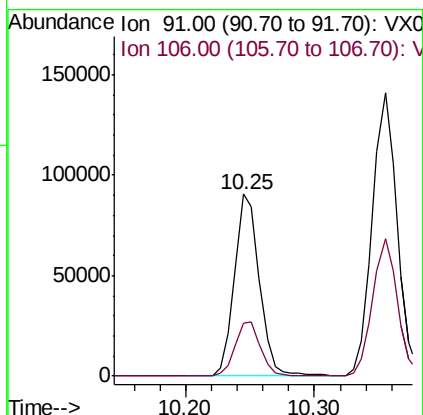
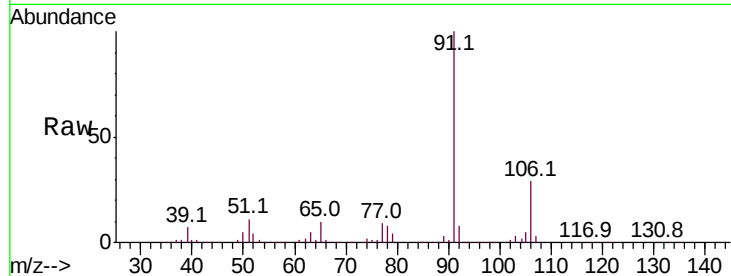




#67
Ethyl Benzene
Concen: 22.476 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

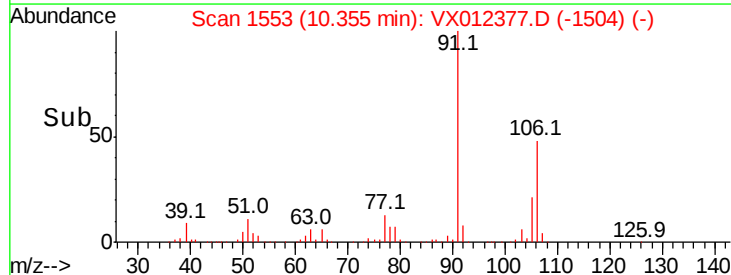
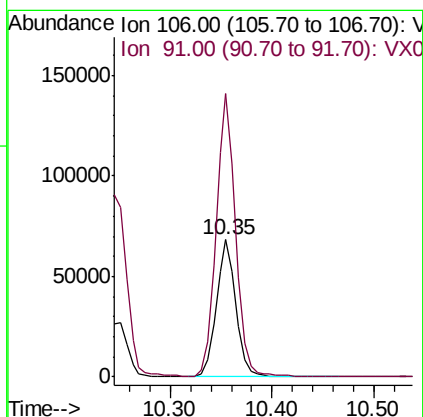
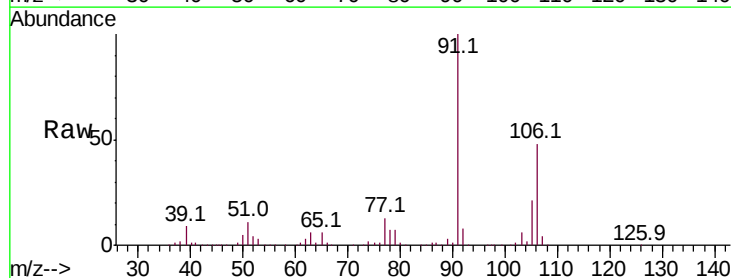
Instrument :
MSVOA_X
ClientSampleId :

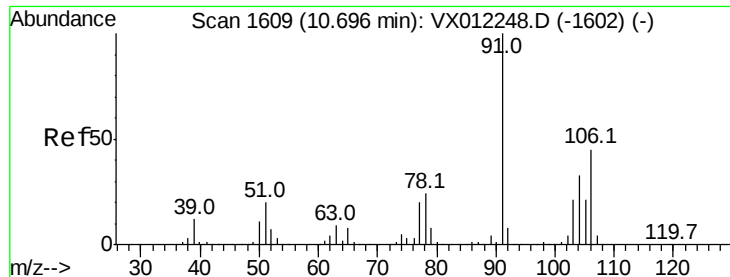
Tot Ion: 91 Resp: 122822
Ion Ratio Lower Upper
91 100
106 29.1 23.1 34.7



#68
m/p-Xylenes
Concen: 45.623 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion: 106 Resp: 91773
Ion Ratio Lower Upper
106 100
91 205.3 167.0 250.6

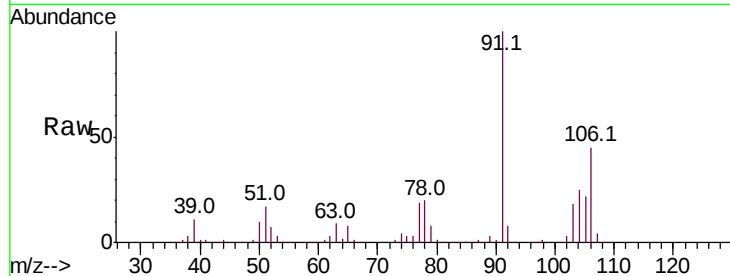




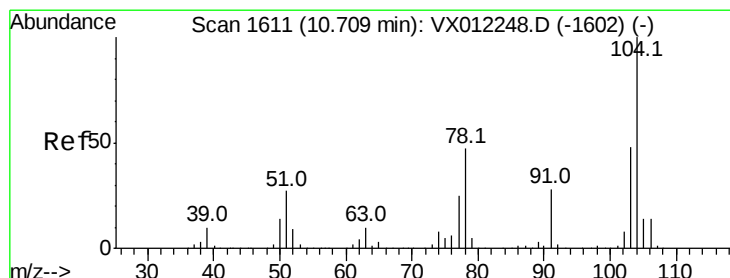
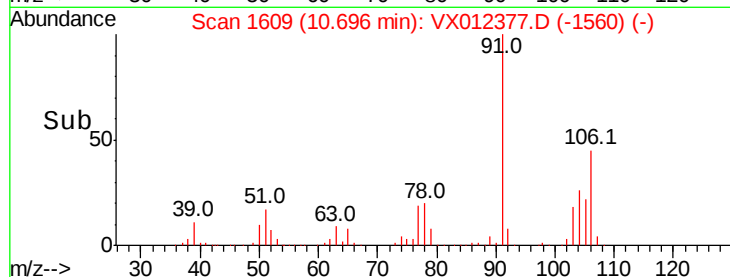
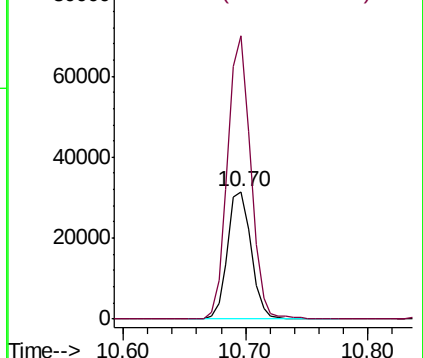
#69
o-Xylene
Concen: 21.344 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 42059
Ion Ratio Lower Upper
106 100
91 217.4 110.5 331.4

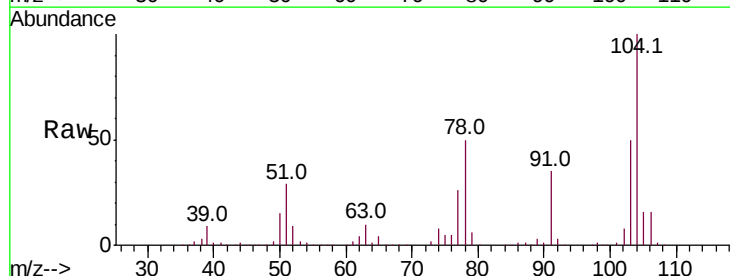


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

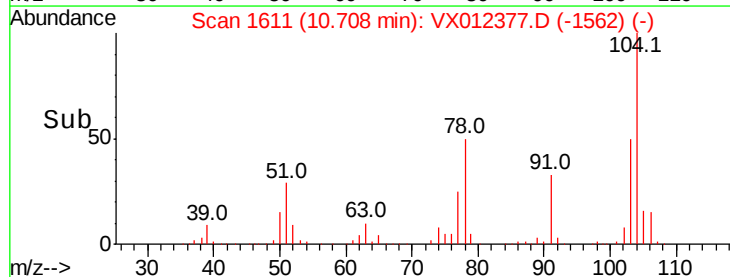
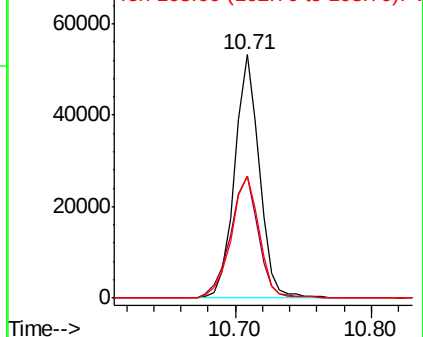


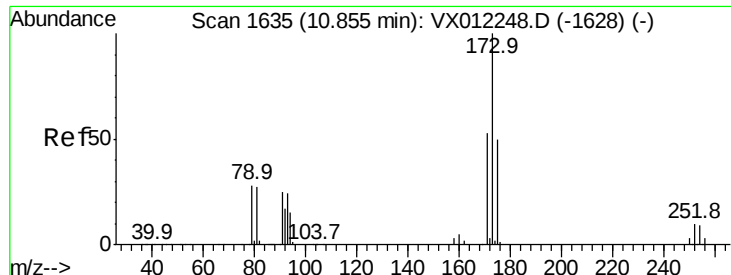
#70
Styrene
Concen: 19.311 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion:104 Resp: 67489
Ion Ratio Lower Upper
104 100
78 57.0 44.2 66.2
103 56.8 42.5 63.7



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

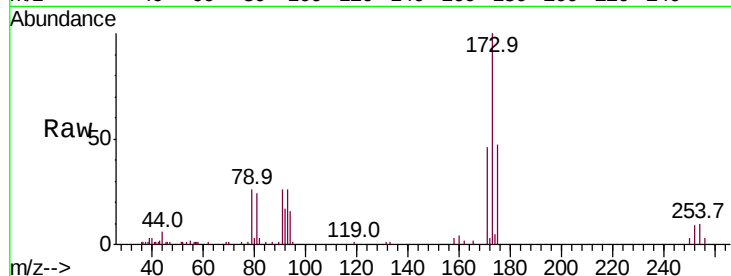




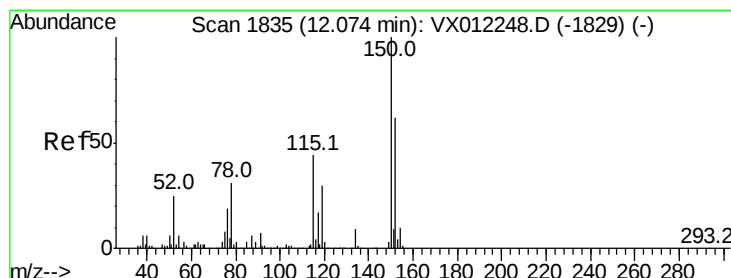
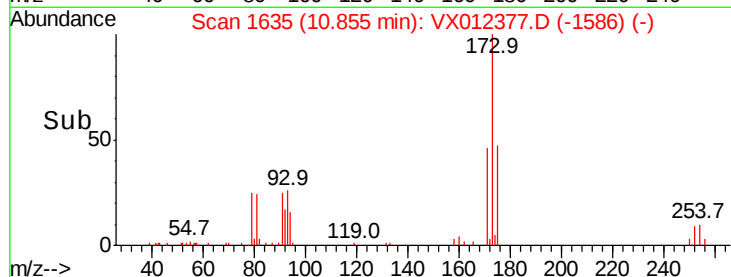
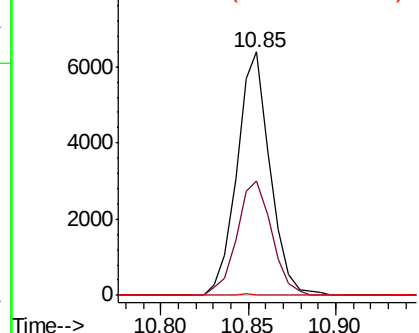
#71
Bromoform
Concen: 13.873 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 8332
Ion Ratio Lower Upper
173 100
175 49.7 24.5 73.5
254 0.2 0.2 0.4

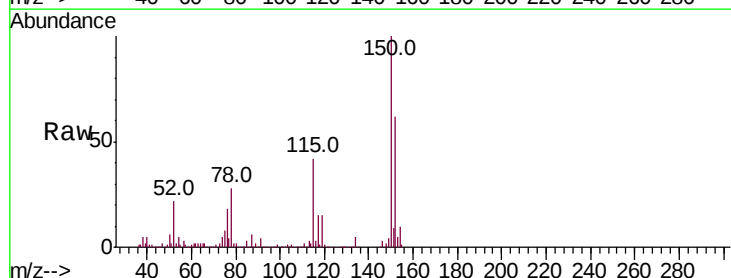


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

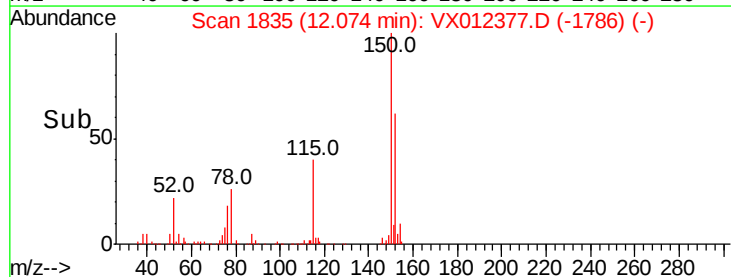
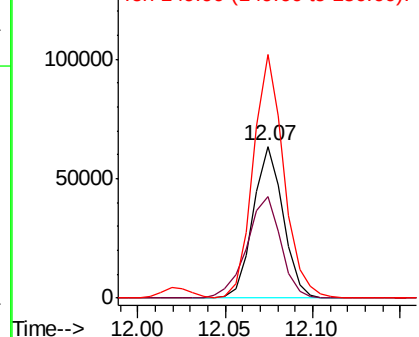


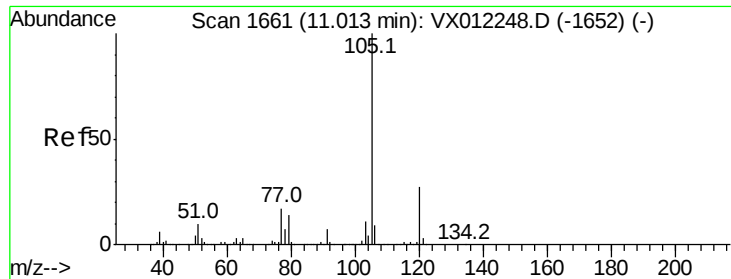
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion:152 Resp: 75422
Ion Ratio Lower Upper
152 100
115 76.3 45.5 136.4
150 164.9 0.0 346.4



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





#73

Isopropylbenzene

Concen: 24.573 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

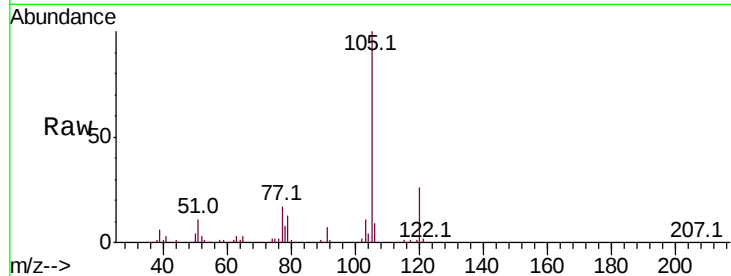
ClientSampled :

Tot Ion:105 Resp: 122013

Ion Ratio Lower Upper

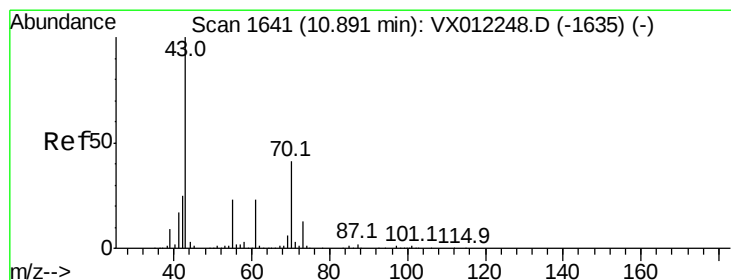
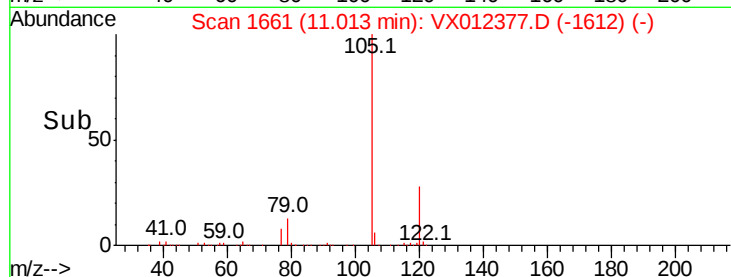
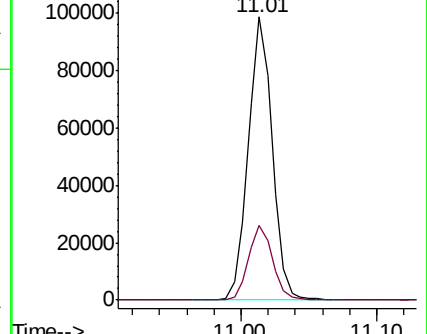
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 14.454 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Tgt Ion: 43 Resp: 21339

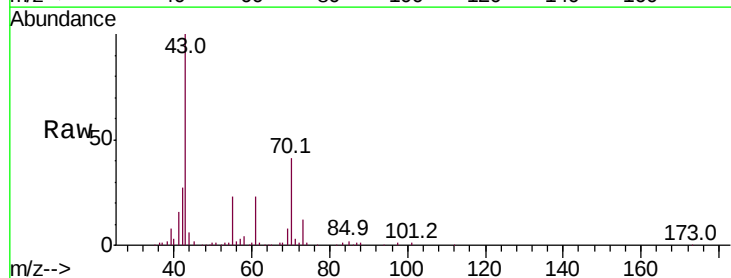
Ion Ratio Lower Upper

43 100

70 43.0 32.9 49.3

55 24.5 19.1 28.7

61 24.4 18.6 28.0

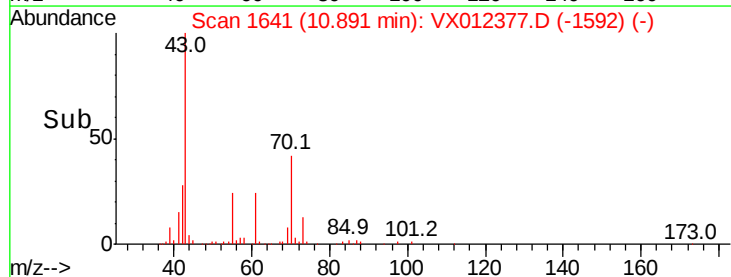
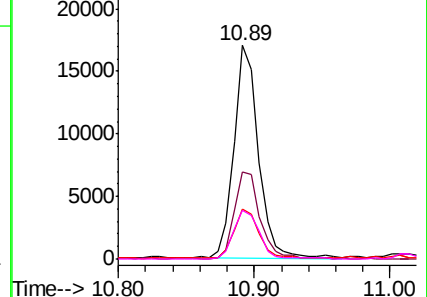


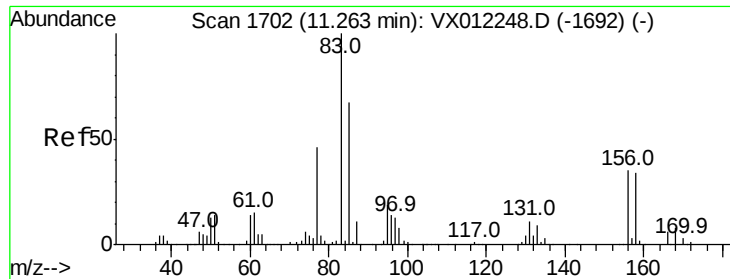
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 16.812 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

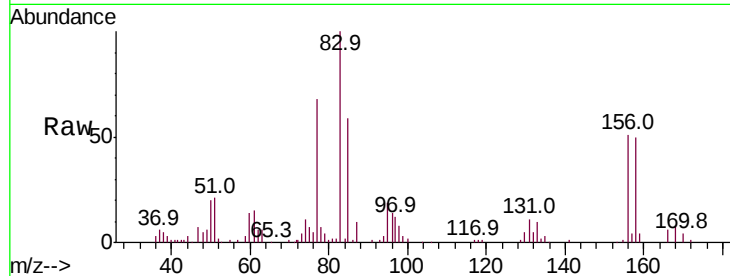
Tot Ion: 83 Resp: 17928

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

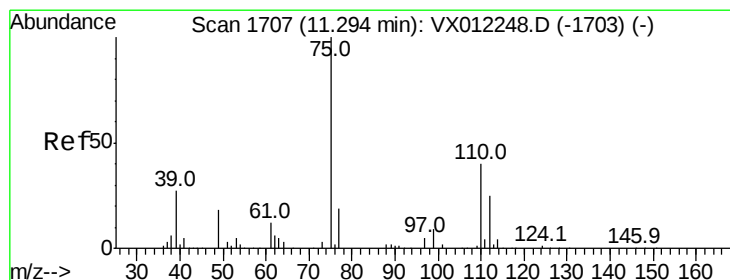
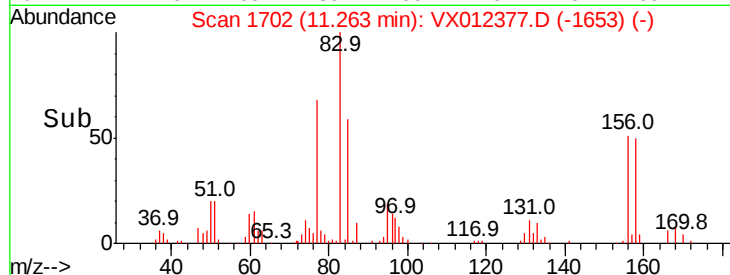
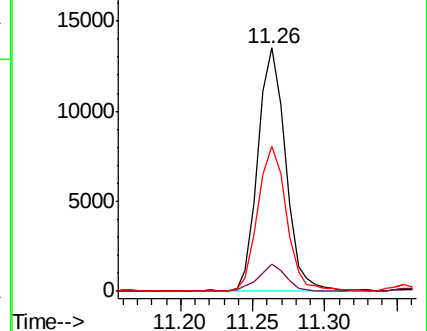
85 62.5 32.8 98.4



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: 17.967 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012377.D

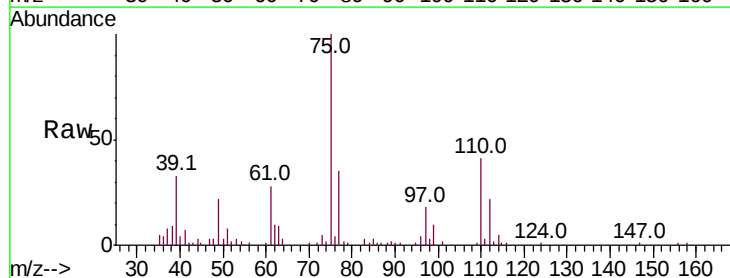
Acq: 13 Sep 2019 10:47

Tgt Ion: 75 Resp: 17408

Ion Ratio Lower Upper

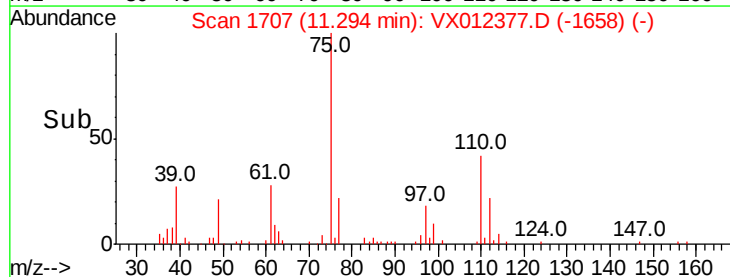
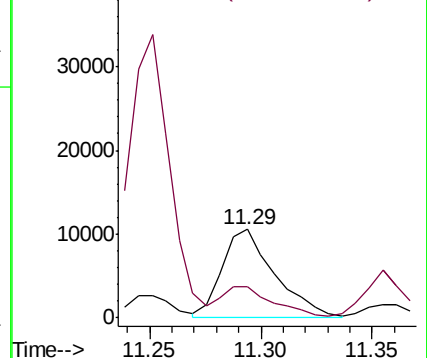
75 100

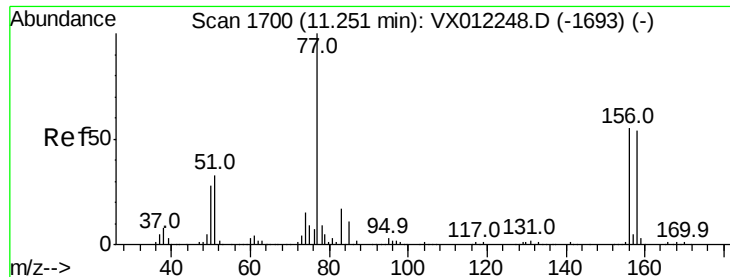
77 34.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.525 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampled :

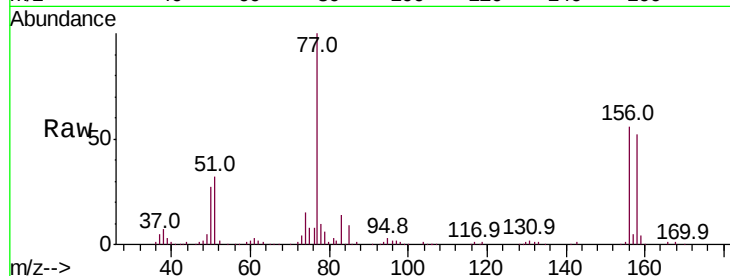
Tot Ion:156 Resp: 24607

Ion Ratio Lower Upper

156 100

77 178.5 92.2 276.6

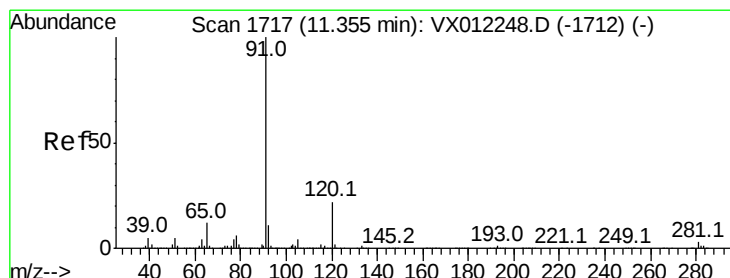
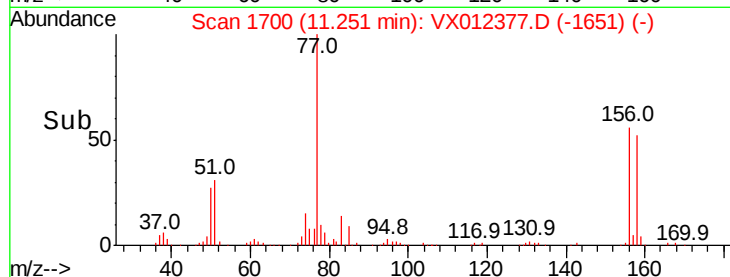
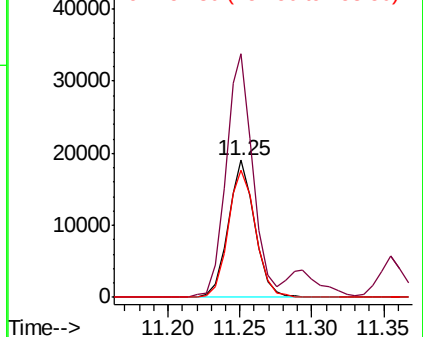
158 96.0 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 24.727 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012377.D

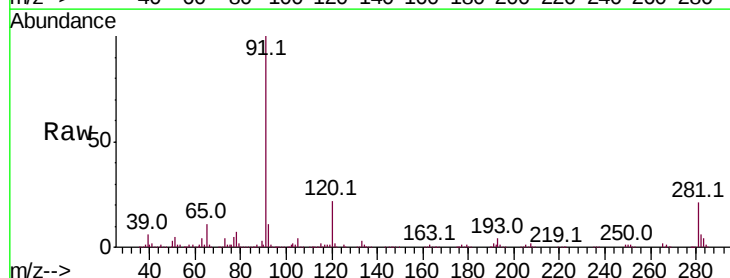
Acq: 13 Sep 2019 10:47

Tgt Ion: 91 Resp: 148261

Ion Ratio Lower Upper

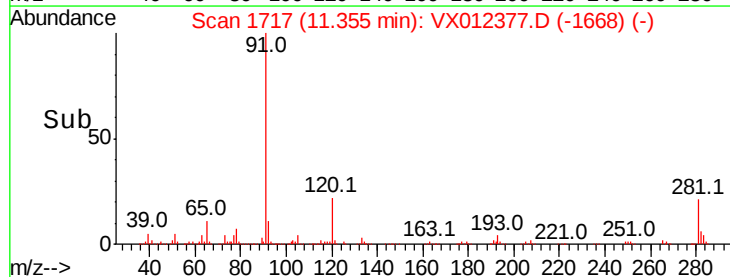
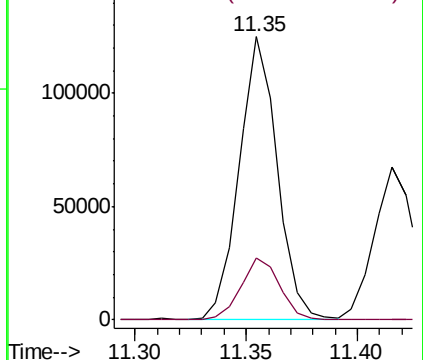
91 100

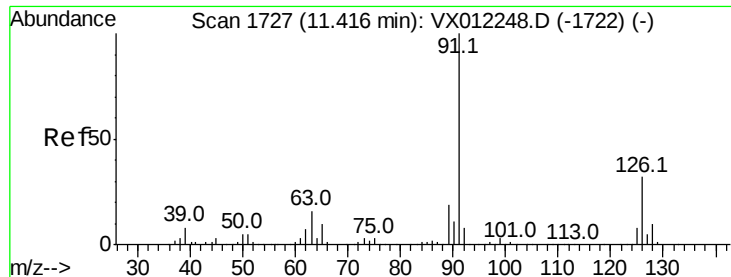
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.607 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

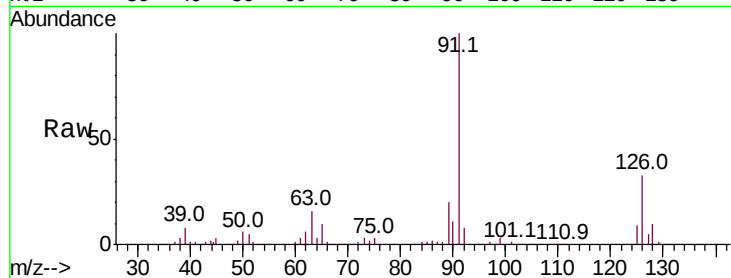
ClientSampled :

Tot Ion: 91 Resp: 83982

Ion Ratio Lower Upper

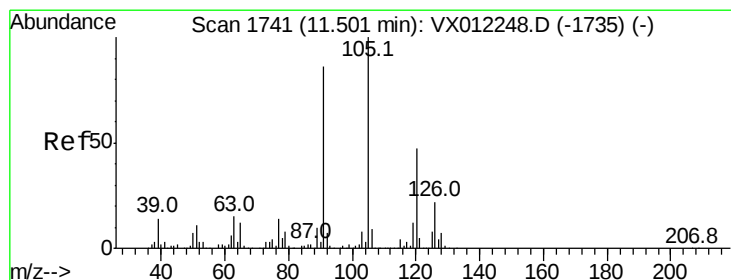
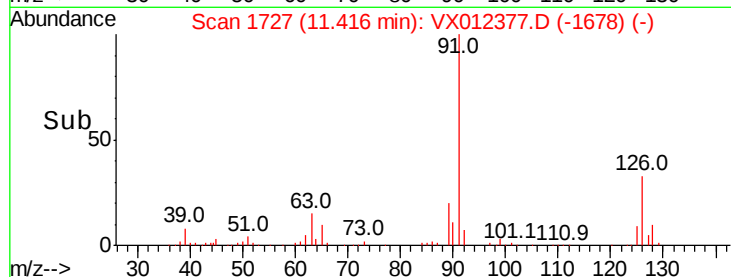
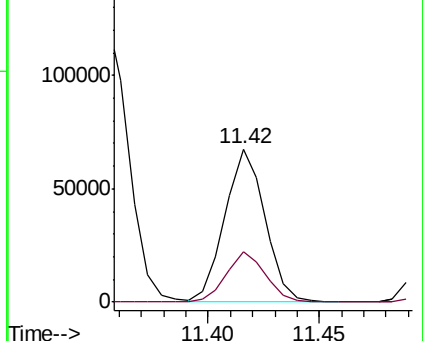
91 100

126 32.2 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 23.079 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012377.D

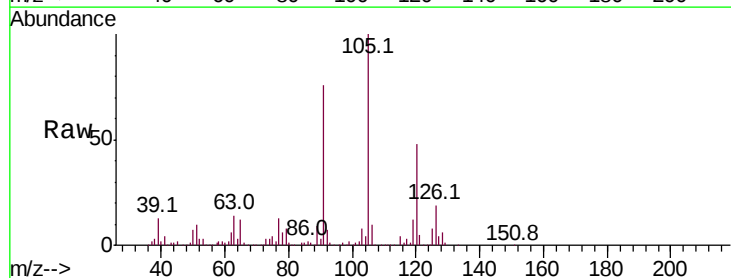
Acq: 13 Sep 2019 10:47

Tgt Ion:105 Resp: 103052

Ion Ratio Lower Upper

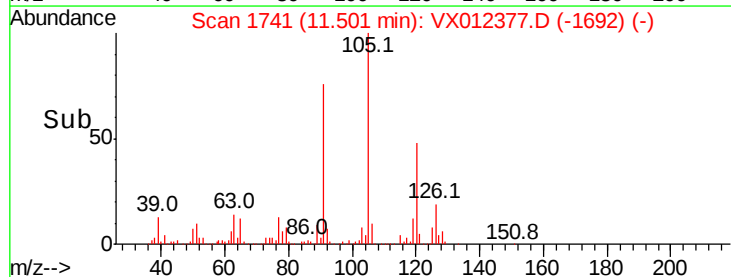
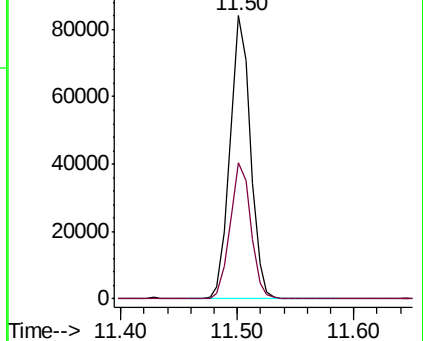
105 100

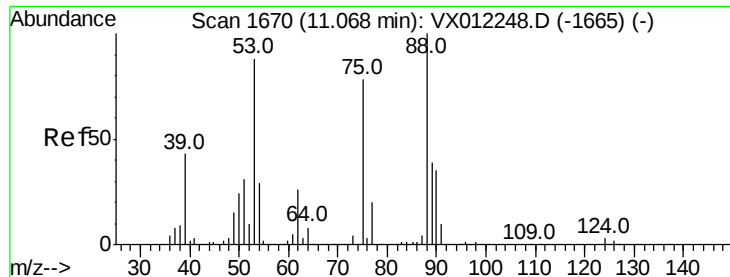
120 48.8 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

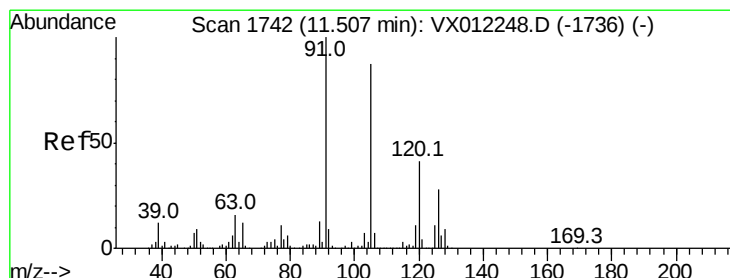
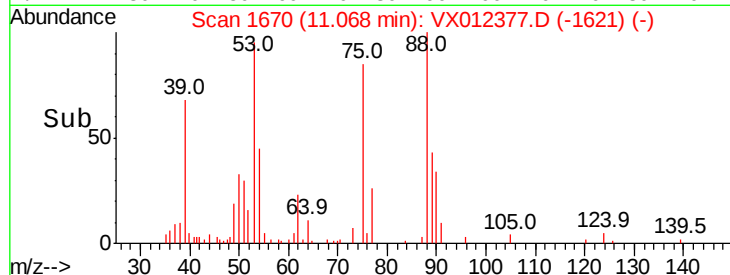
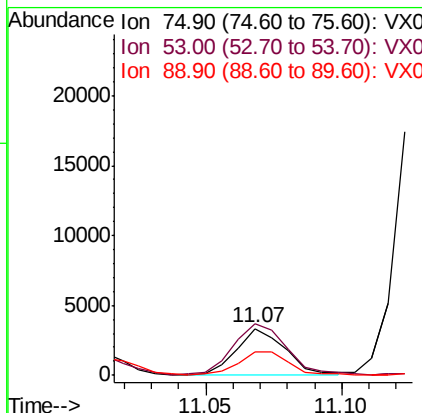
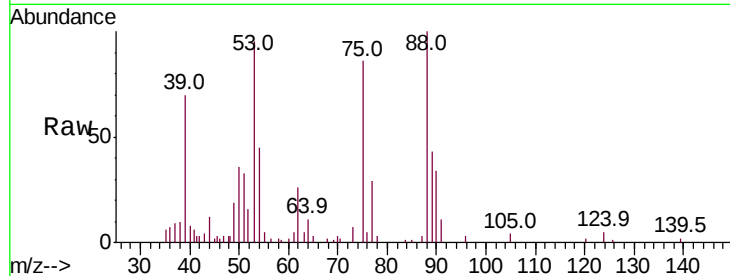




#81
trans-1,4-Dichloro-2-butene
Concen: 12.552 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

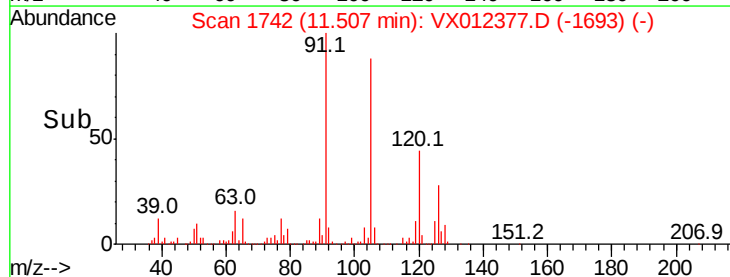
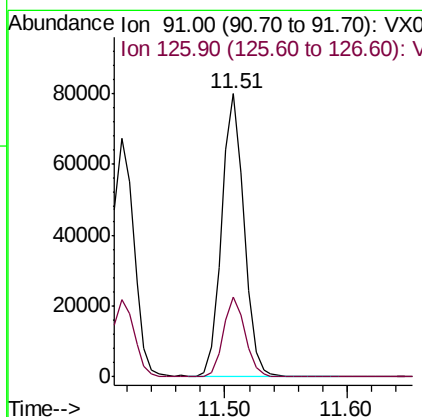
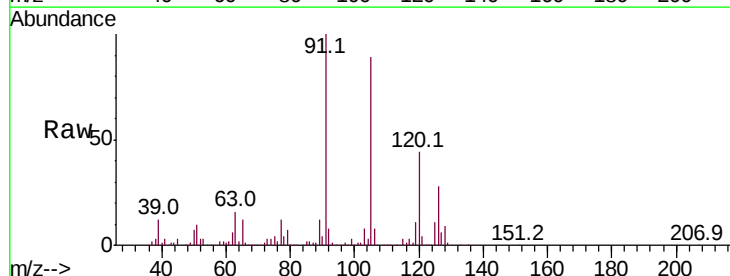
Instrument :
MSVOA_X
ClientSampleId :

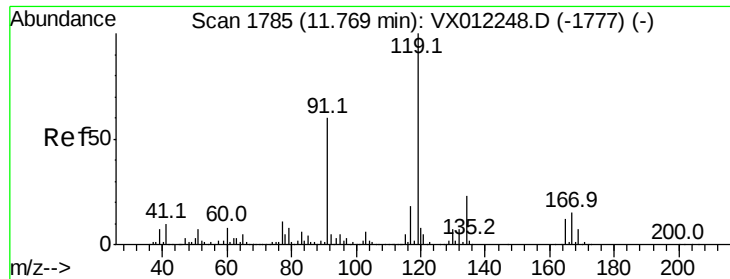
Tot Ion: 75 Resp: 4059
Ion Ratio Lower Upper
75 100
53 125.8 88.1 132.1
89 54.6 43.5 65.3



#82
4-Chlorotoluene
Concen: 22.659 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion: 91 Resp: 101161
Ion Ratio Lower Upper
91 100
126 27.9 14.0 42.0

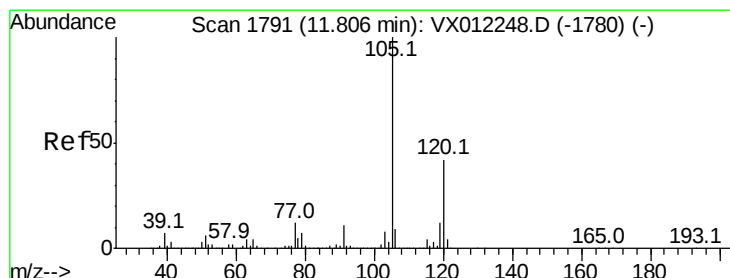
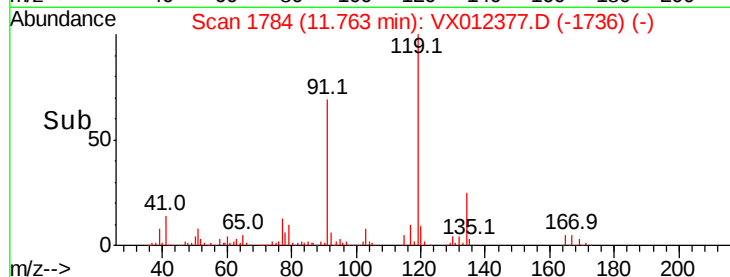
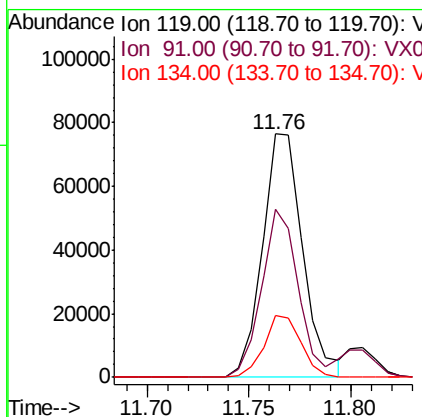
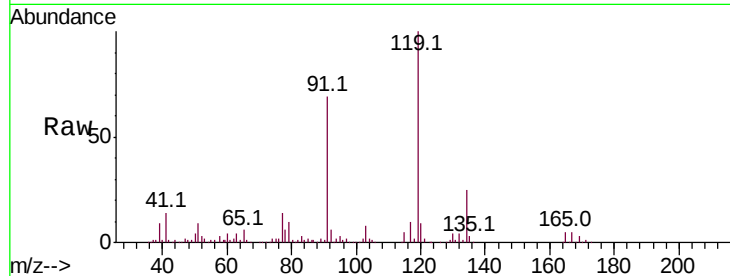




#83
tert-Butylbenzene
Concen: 24.354 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

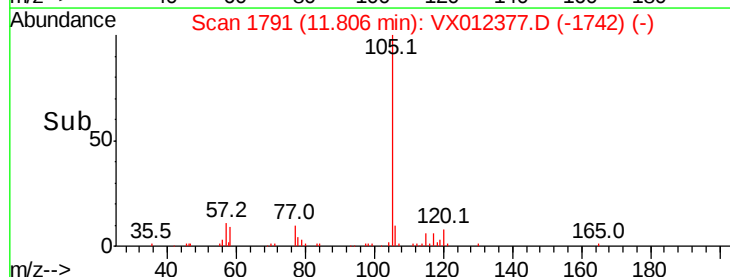
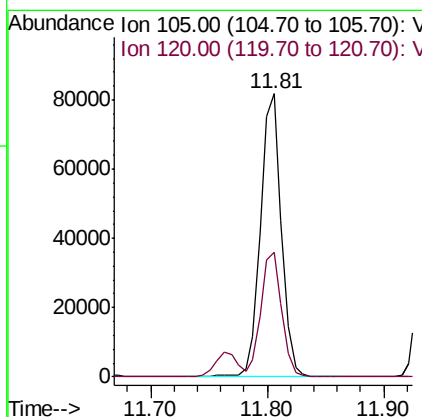
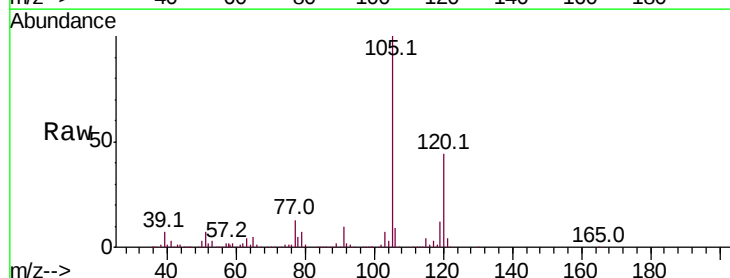
Instrument :
MSVOA_X
ClientSampled :

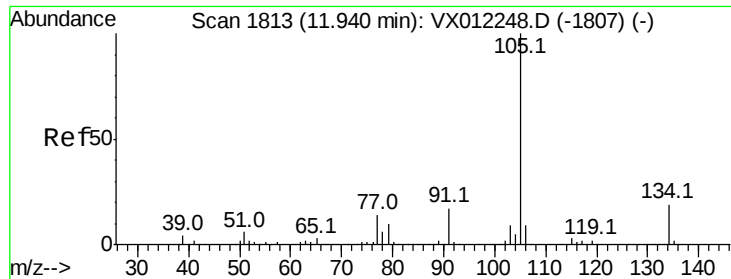
Tot Ion:119 Resp: 105593
Ion Ratio Lower Upper
119 100
91 62.3 30.9 92.8
134 23.5 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 22.145 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion:105 Resp: 102222
Ion Ratio Lower Upper
105 100
120 43.6 21.3 63.9

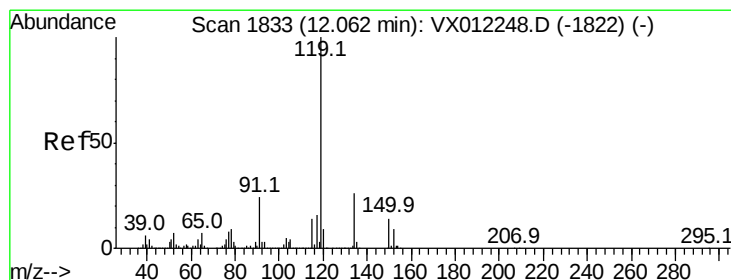
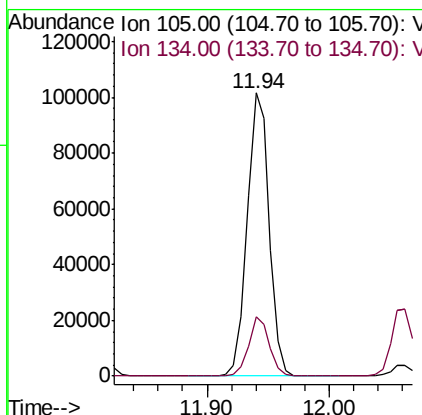
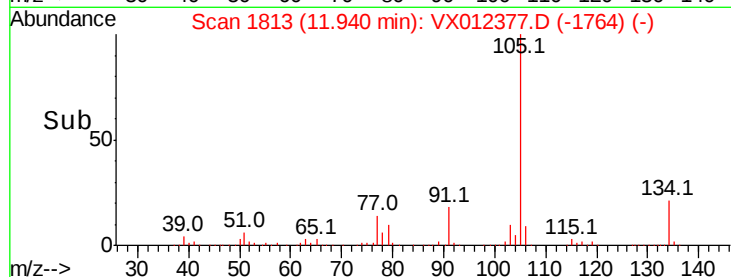
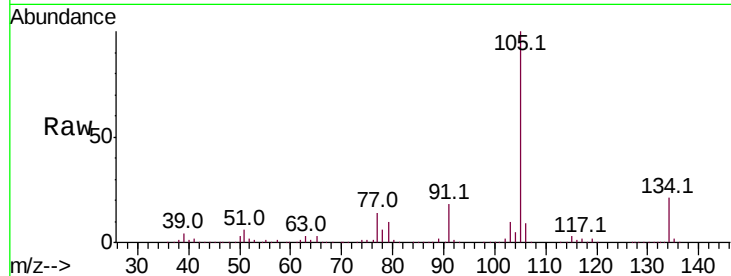




#85
 sec-Butylbenzene
 Concen: 24.454 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

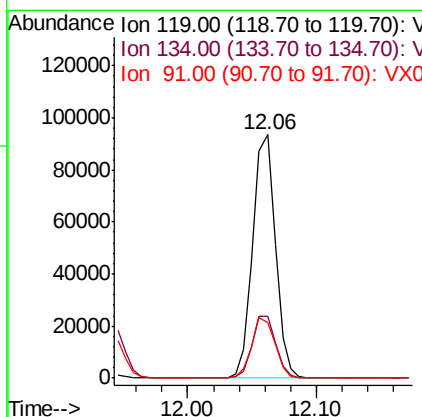
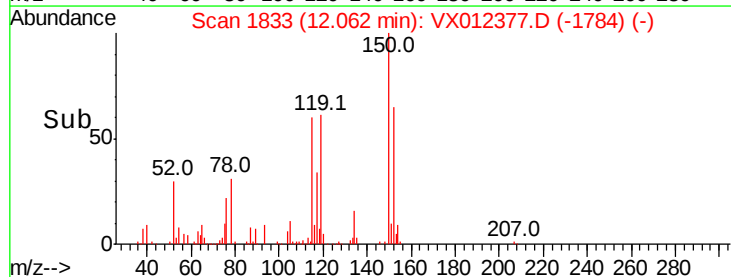
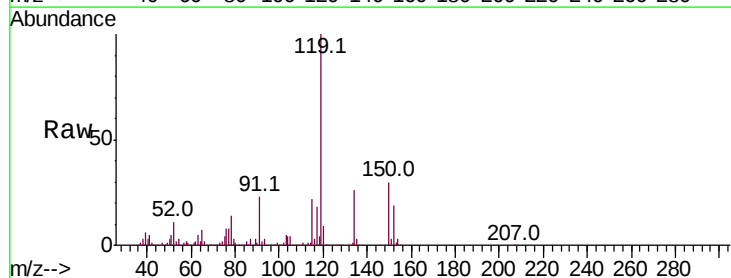
Instrument :
 MSVOA_X
 ClientSampled :

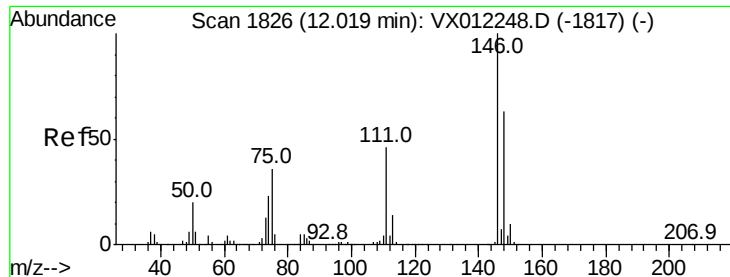
Tot Ion:105 Resp: 126511
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 23.732 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion:119 Resp: 113441
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 25.8 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 21.827 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

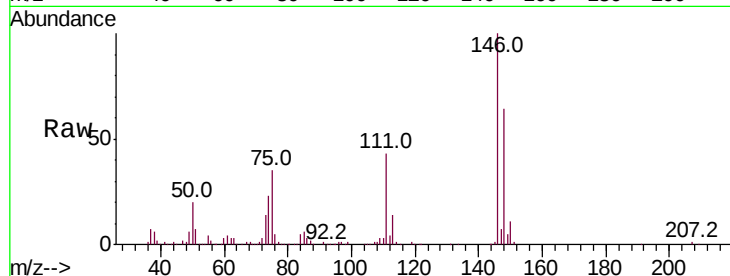
Tot Ion:146 Resp: 50829

Ion Ratio Lower Upper

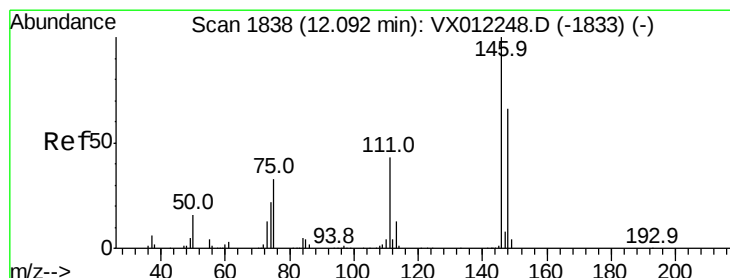
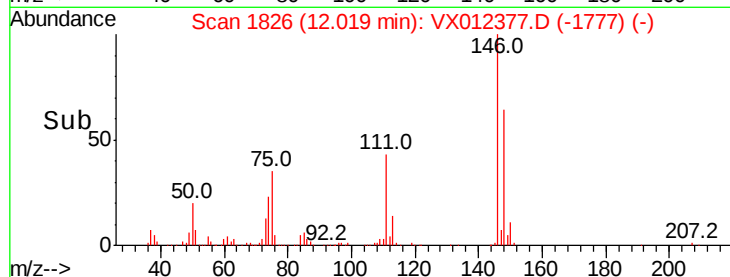
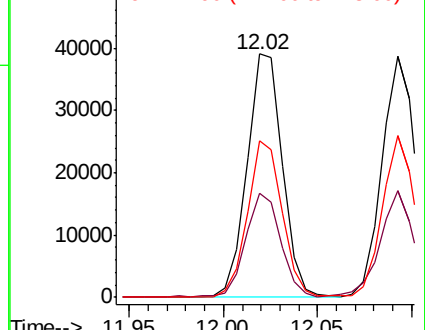
146 100

111 42.9 22.3 66.8

148 63.4 31.5 94.5



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



#88

1,4-Dichlorobenzene

Concen: 20.608 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

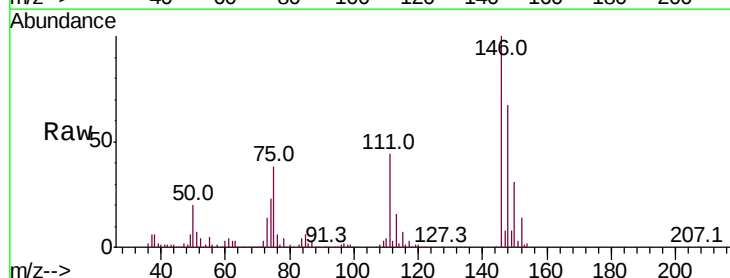
Tgt Ion:146 Resp: 48526

Ion Ratio Lower Upper

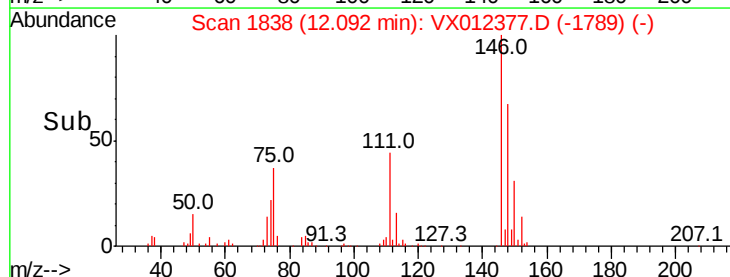
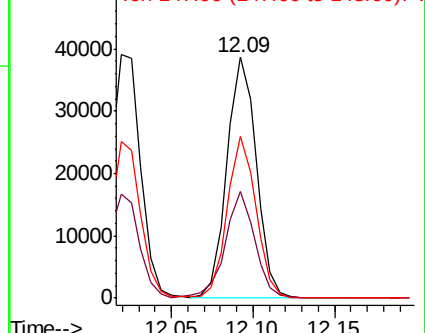
146 100

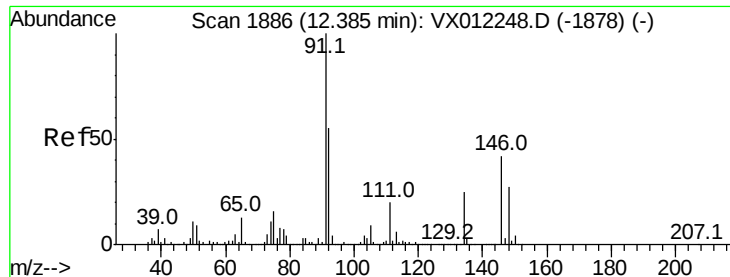
111 44.4 21.6 64.8

148 65.4 32.4 97.2



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





#89

n-Butylbenzene

Concen: 22.787 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012377.D

Acq: 13 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

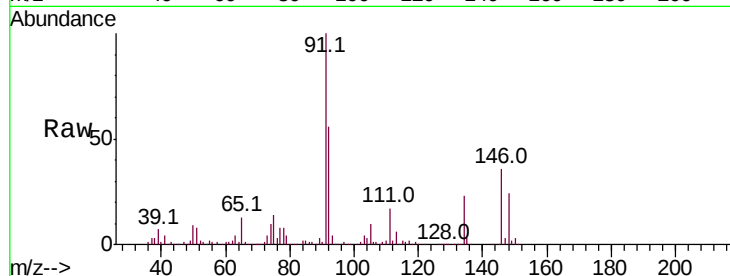
Tot Ion: 91 Resp: 106757

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.7

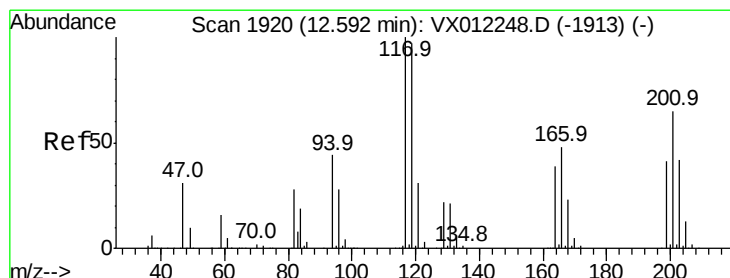
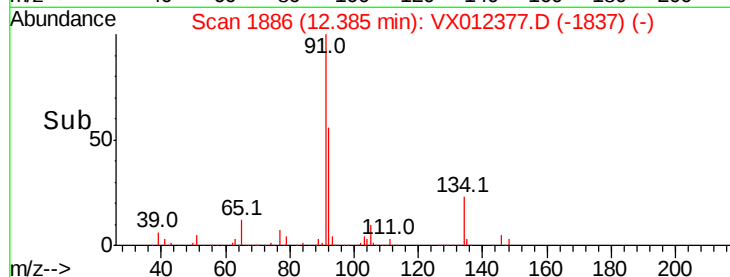
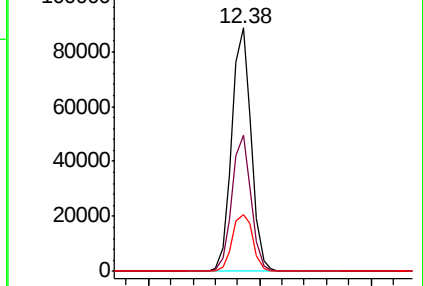
134 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX012248.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012248.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012248.D (-1878) (-)



#90

Hexachloroethane

Concen: 20.127 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012377.D

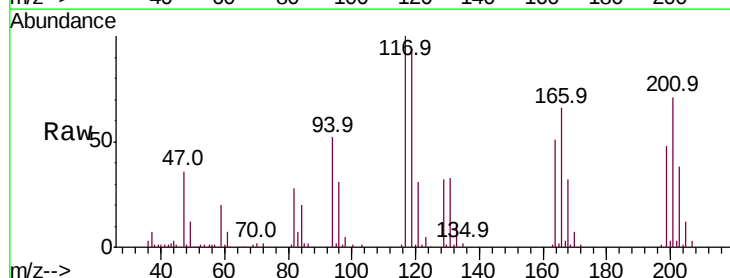
Acq: 13 Sep 2019 10:47

Tgt Ion: 117 Resp: 17721

Ion Ratio Lower Upper

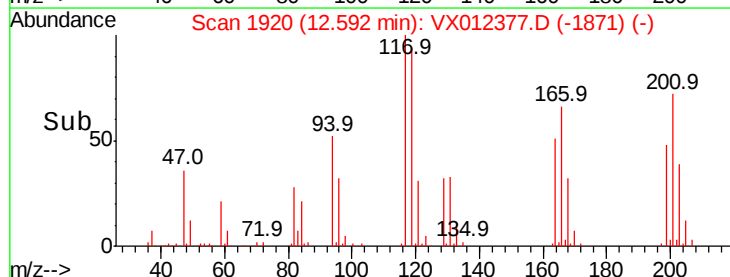
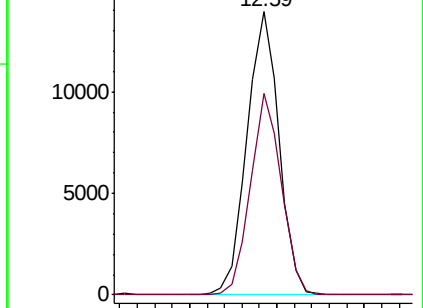
117 100

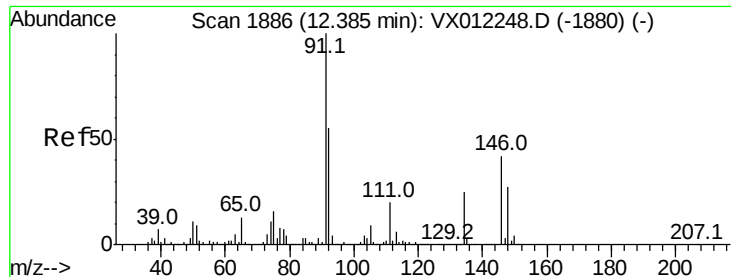
201 68.6 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): VX012248.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012248.D (-1913) (-)

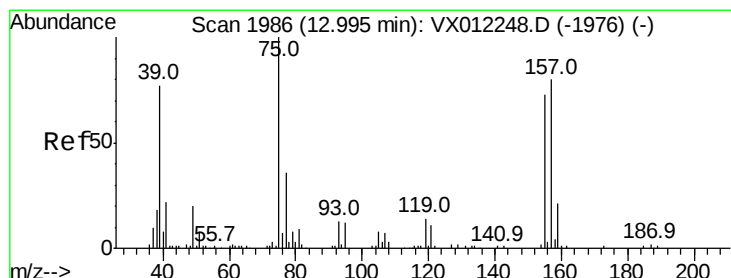
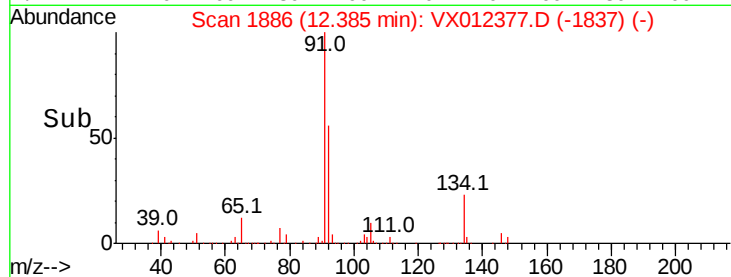
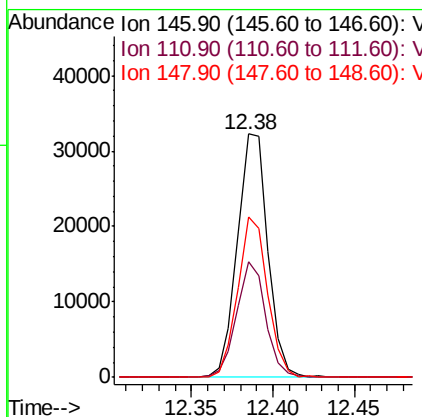
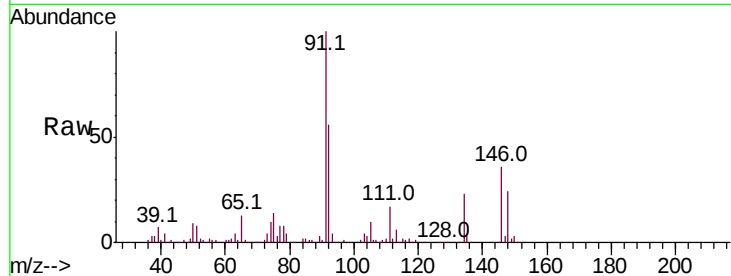




#91
 1,2-Dichlorobenzene
 Concen: 19.522 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

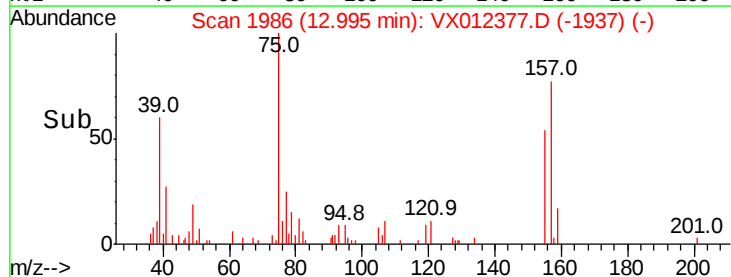
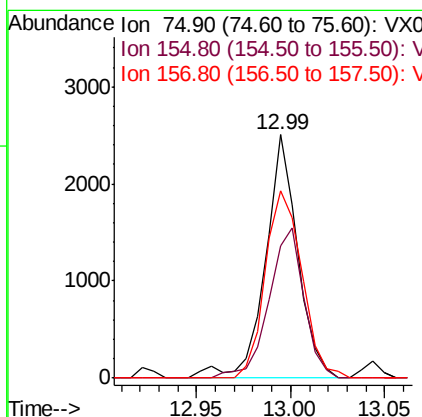
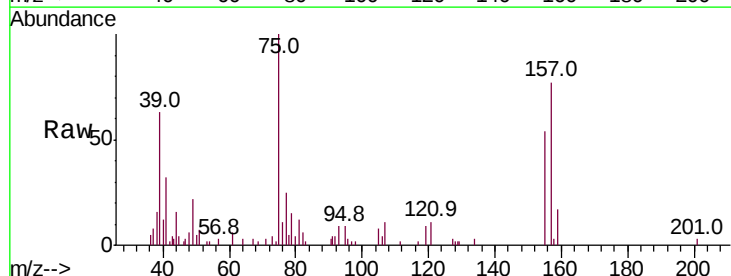
Instrument :
 MSVOA_X
 ClientSampleId :

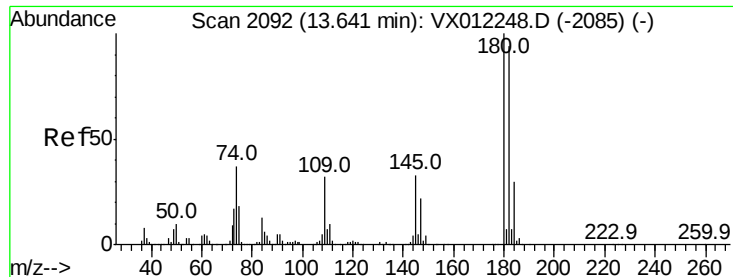
Tot Ion:146 Resp: 42054
 Ion Ratio Lower Upper
 146 100
 111 45.4 23.2 69.6
 148 64.3 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.728 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion: 75 Resp: 2988
 Ion Ratio Lower Upper
 75 100
 155 66.9 35.3 105.7
 157 87.1 43.2 129.6

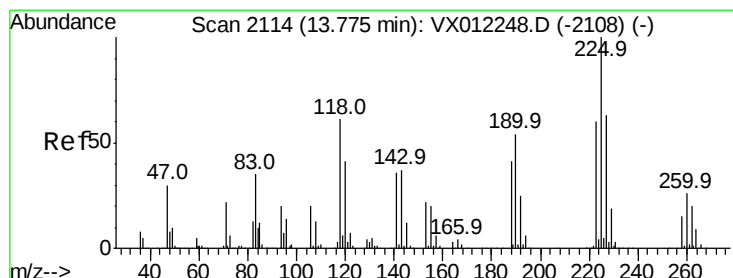
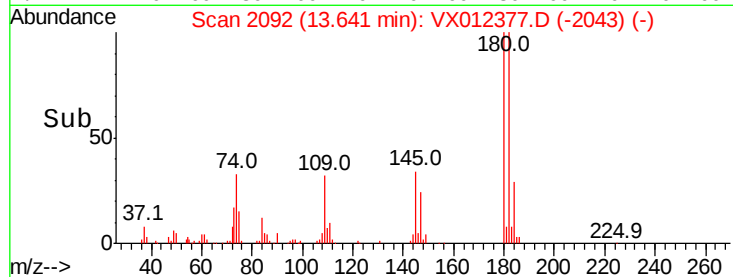
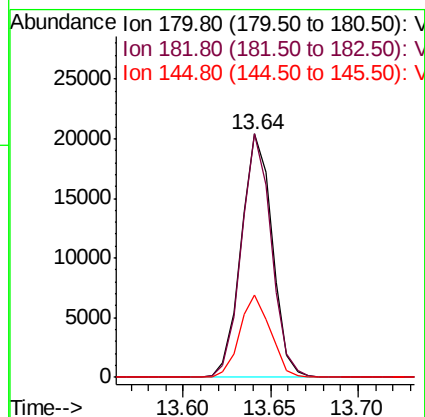
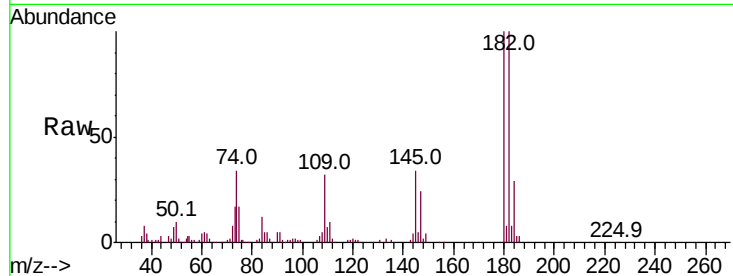




#93
 1,2,4-Trichlorobenzene
 Concen: 16.895 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

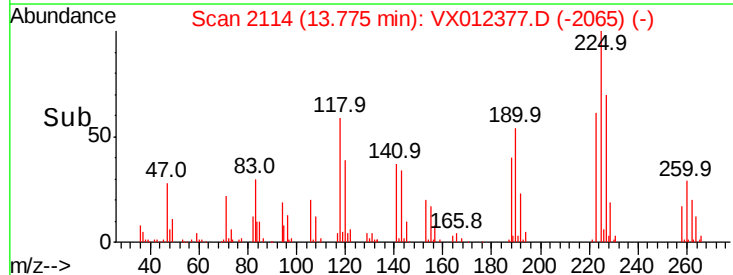
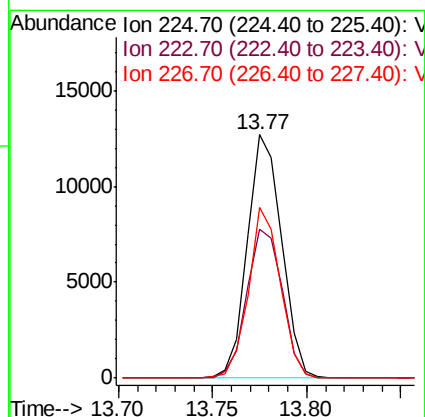
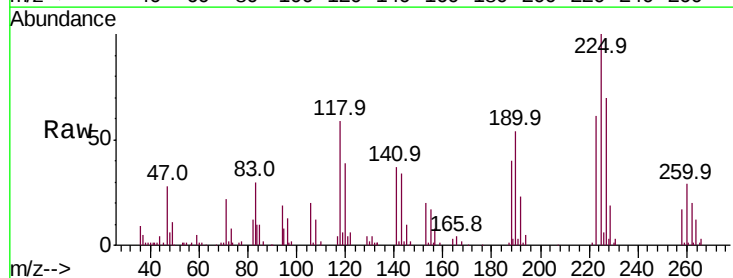
Instrument :
 MSVOA_X
 ClientSampleId :

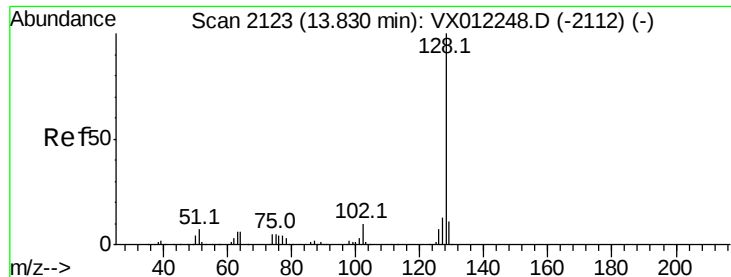
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.9	140.8
145	33.5	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 21.641 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012377.D
 Acq: 13 Sep 2019 10:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.1	96.5
227	65.2	32.5	97.5

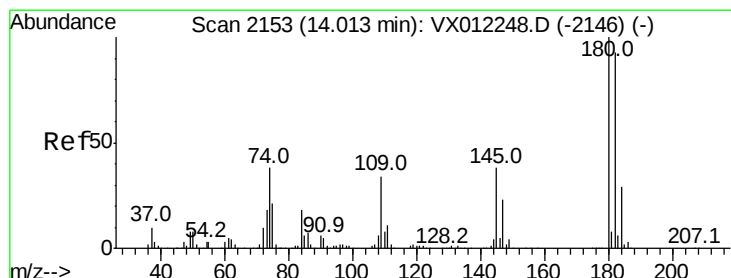
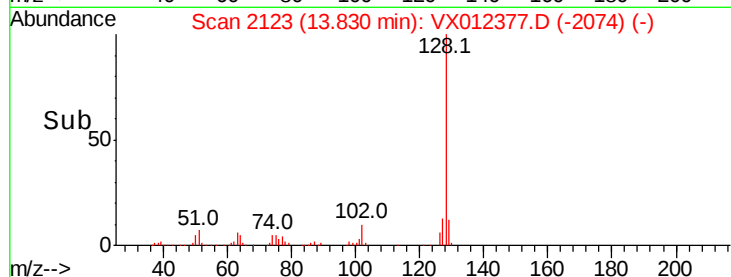
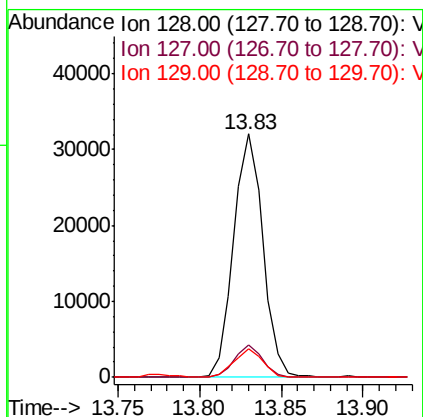
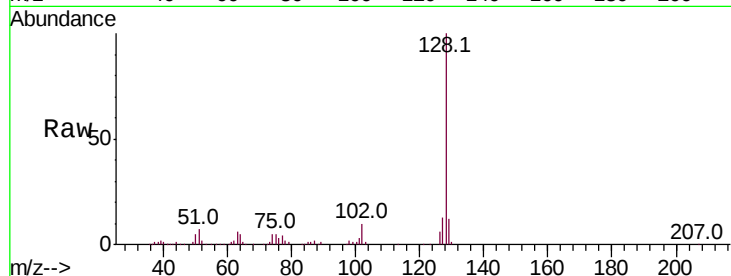




#95
Naphthalene
Concen: 12.609 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 40254
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 15.414 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012377.D
Acq: 13 Sep 2019 10:47

Tgt Ion:180 Resp: 20288
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 38.7 18.6 55.8

