

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013382.D
 Acq On : 12 Nov 2019 13:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 13 02:38:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	719576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1062071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	970312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	500535	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	388961	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	
35) Dibromofluoromethane	5.48	113	323003	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
50) Toluene-d8	8.71	98	1251705	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	452016	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	397113	47.897	ug/l	100
3) Chloromethane	1.31	50	422440	46.985	ug/l	99
4) Vinyl Chloride	1.40	62	493855	48.247	ug/l	100
5) Bromomethane	1.62	94	294095	41.229	ug/l	100
6) Chloroethane	1.71	64	269762	46.008	ug/l	100
7) Trichlorofluoromethane	1.92	101	539007	44.571	ug/l	99
8) Diethyl Ether	2.17	74	248660	46.498	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	341887	50.723	ug/l	98
10) Methyl Iodide	2.50	142	403135	48.308	ug/l	98
11) Tert butyl alcohol	3.03	59	439090	195.421	ug/l	100
12) 1,1-Dichloroethene	2.36	96	329793	49.964	ug/l	99
13) Acrolein	2.28	56	335769	275.728	ug/l	97
14) Allyl chloride	2.72	41	606381	50.561	ug/l	97
15) Acrylonitrile	3.12	53	1011304	240.952	ug/l	99
16) Acetone	2.43	43	1266445	297.841	ug/l	97
17) Carbon Disulfide	2.56	76	860768	48.723	ug/l	98
18) Methyl Acetate	2.76	43	579694	49.382	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1118906	50.825	ug/l	98
20) Methylene Chloride	2.84	84	369625	47.049	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	355389	49.450	ug/l	97
22) Diisopropyl ether	3.84	45	1188958	51.350	ug/l	98
23) Vinyl Acetate	3.79	43	4972858	250.995	ug/l	99
24) 1,1-Dichloroethane	3.68	63	648600	50.076	ug/l	99
25) 2-Butanone	4.65	43	1663930	266.747	ug/l	98
26) 2,2-Dichloropropane	4.56	77	545845	52.974	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	407094	50.566	ug/l	100
28) Bromochloromethane	5.00	49	180996	49.216	ug/l	97
29) Tetrahydrofuran	5.11	42	906866	235.916	ug/l	100
30) Chloroform	5.19	83	629627	49.229	ug/l	97
31) Cyclohexane	5.56	56	583090	50.030	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	545880	49.595	ug/l	99
36) 1,1-Dichloropropene	5.78	75	477969	52.459	ug/l	99
37) Ethyl Acetate	4.81	43	544486	48.362	ug/l	100
38) Carbon Tetrachloride	5.77	117	469039	52.644	ug/l	98

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Quant Time: Nov 13 02:38:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	609590	53.695	ug/l	97
40) Benzene	6.13	78	1471383	51.843	ug/l	99
41) Methacrylonitrile	5.02	41	312771	49.565	ug/l	98
42) 1,2-Dichloroethane	6.18	62	513099	50.121	ug/l	99
43) Isopropyl Acetate	6.43	43	903794	51.553	ug/l	99
44) Trichloroethene	7.20	130	397393	50.867	ug/l	97
45) 1,2-Dichloropropane	7.50	63	380266	52.585	ug/l	100
46) Dibromomethane	7.65	93	249720	50.577	ug/l	99
47) Bromodichloromethane	7.89	83	504912	54.230	ug/l	95
48) Methyl methacrylate	7.76	41	456053	52.113	ug/l	97
49) 1,4-Dioxane	7.73	88	178701	891.659	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2839637	246.879	ug/l	99
52) Toluene	8.78	92	924236	52.542	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	566730	55.666	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	621119	54.539	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	375971	51.566	ug/l	98
56) Ethyl methacrylate	9.17	69	621347	49.920	ug/l	96
57) 1,3-Dichloropropane	9.36	76	642079	51.877	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1271200	254.990	ug/l	100
59) 2-Hexanone	9.48	43	2367271	266.327	ug/l	98
60) Dibromochloromethane	9.57	129	408039	54.720	ug/l	100
61) 1,2-Dibromoethane	9.67	107	396713	51.240	ug/l	99
64) Tetrachloroethene	9.33	164	355943	51.243	ug/l	98
65) Chlorobenzene	10.13	112	998311	50.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	374977	51.987	ug/l	100
67) Ethyl Benzene	10.25	91	1793277	52.893	ug/l	99
68) m/p-Xylenes	10.35	106	1362185	106.236	ug/l	100
69) o-Xylene	10.70	106	665941	53.049	ug/l	99
70) Styrene	10.71	104	1136823	54.174	ug/l	99
71) Bromoform	10.85	173	318629	47.794	ug/l #	98
73) Isopropylbenzene	11.01	105	1758876	53.000	ug/l	99
74) N-amyl acetate	10.89	43	816991	53.089	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	602422	49.759	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	697753	68.632	ug/l	78
77) Bromobenzene	11.25	156	455172	51.449	ug/l	98
78) n-propylbenzene	11.35	91	2016108	54.537	ug/l	99
79) 2-Chlorotoluene	11.42	91	1173191	52.674	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1491706	53.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	210209	53.221	ug/l	95
82) 4-Chlorotoluene	11.51	91	1372719	52.650	ug/l	100
83) tert-Butylbenzene	11.76	119	1518441	54.569	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1496128	53.955	ug/l	99
85) sec-Butylbenzene	11.94	105	1752562	54.801	ug/l	100
86) p-Isopropyltoluene	12.06	119	1618359	54.956	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	823332	52.209	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	820455	51.064	ug/l	99
89) n-Butylbenzene	12.38	91	1438329	55.976	ug/l	99
90) Hexachloroethane	12.59	117	290051	55.281	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	822073	52.150	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	130614	44.282	ug/l	99

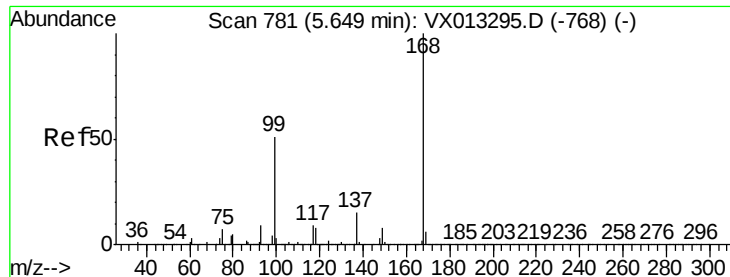
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	596486	54.247	ug/l	98
94) Hexachlorobutadiene	13.78	225	283526	52.704	ug/l	99
95) Naphthalene	13.83	128	1800837	52.199	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	589791	53.484	ug/l	99

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

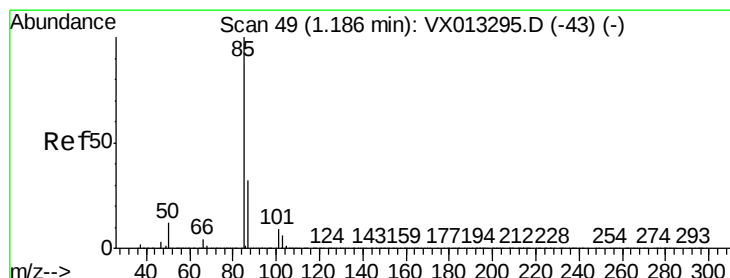
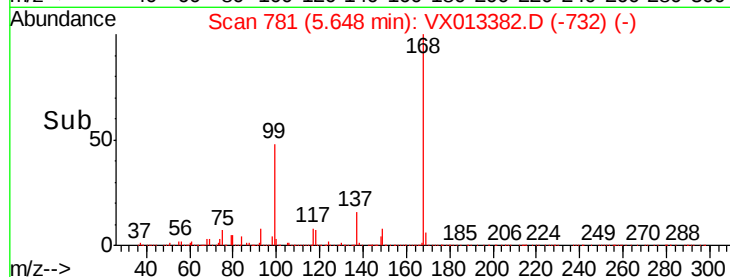
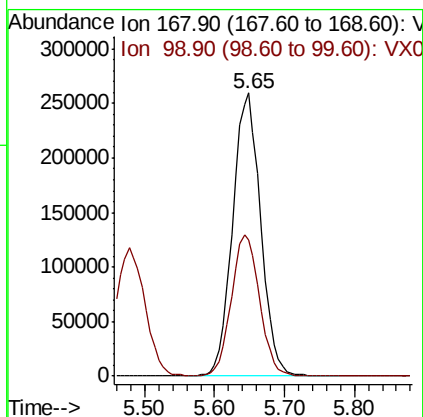
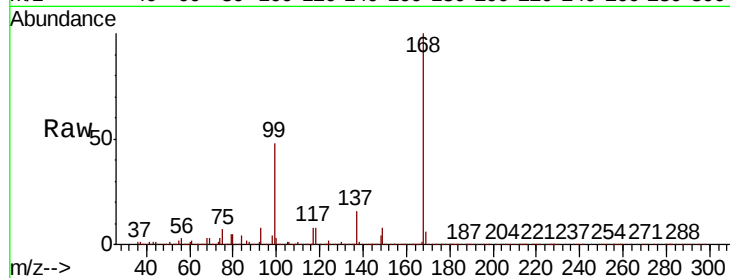


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX013382.D
 Acq: 12 Nov 2019 13:47

Instrument :
 MSVOA_X
 ClientSampled :

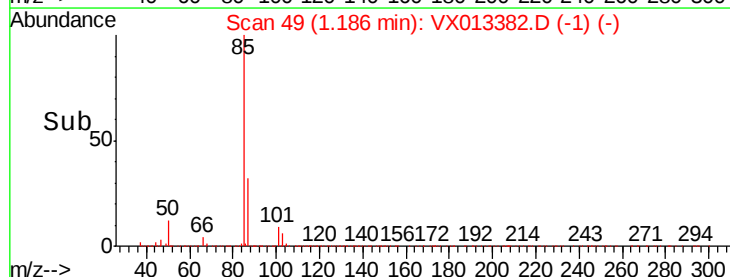
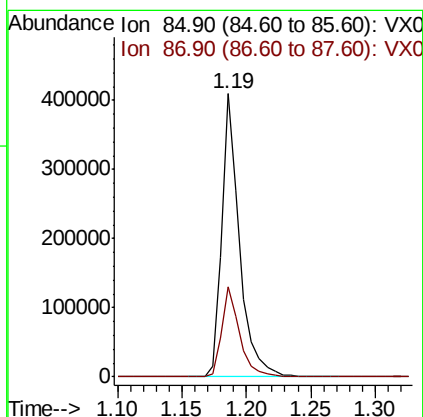
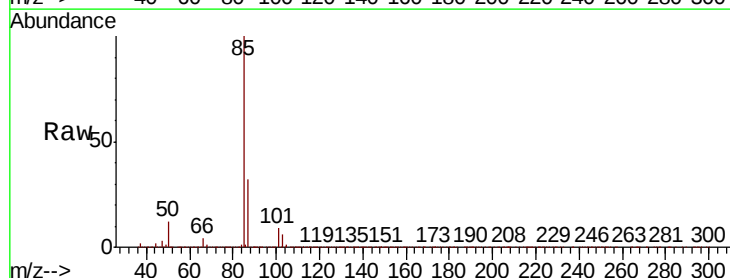
Tot Ion:168 Resp: 719576
 Ion Ratio Lower Upper
 168 100
 99 48.0 40.8 61.2

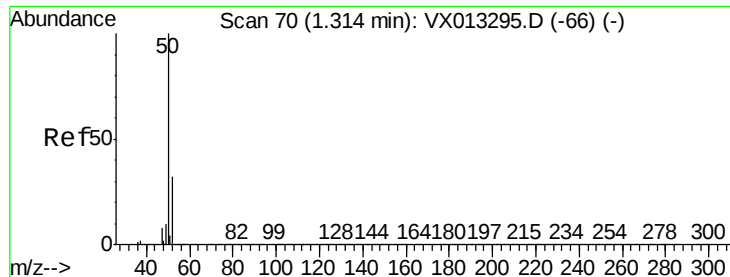


#2

Dichlorodifluoromethane
 Concen: 47.897 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VX013382.D
 Acq: 12 Nov 2019 13:47

Tgt Ion: 85 Resp: 397113
 Ion Ratio Lower Upper
 85 100
 87 31.8 15.9 47.6

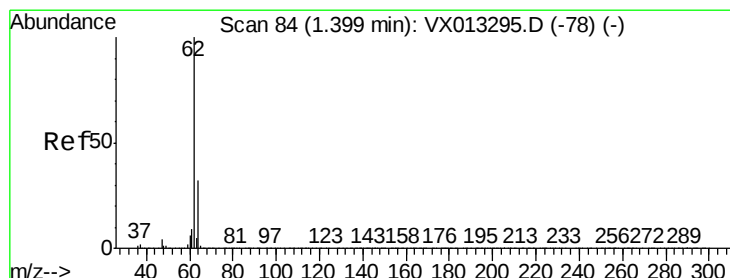
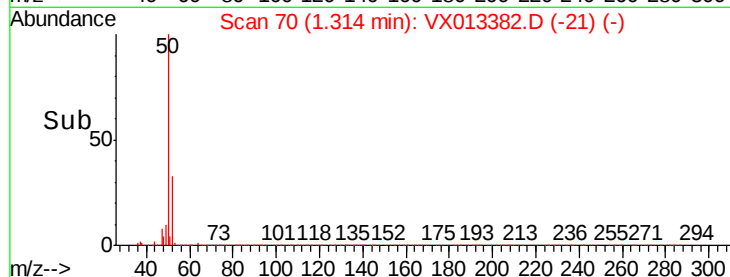
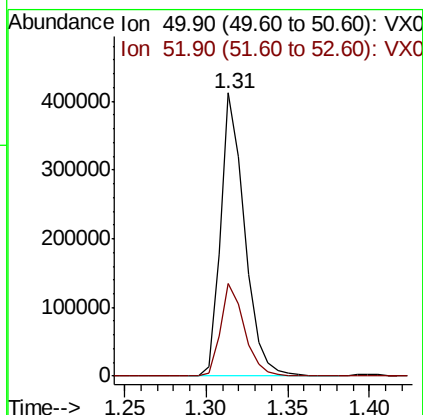
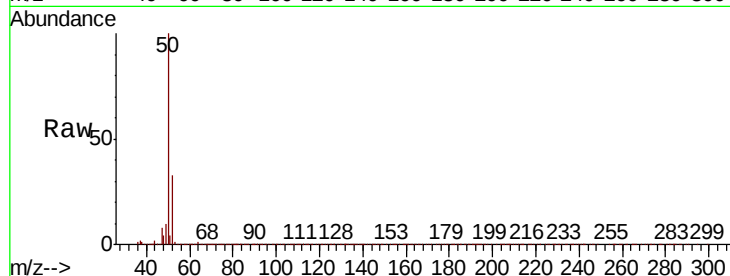




#3
Chloromethane
Concen: 46.985 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

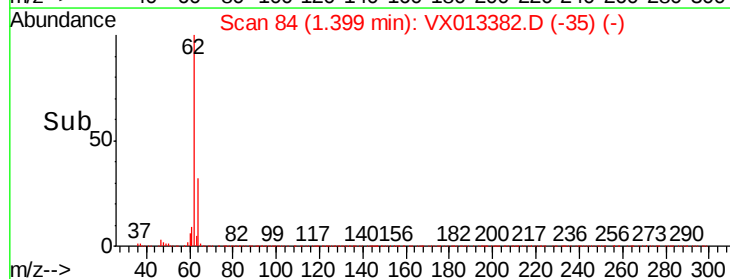
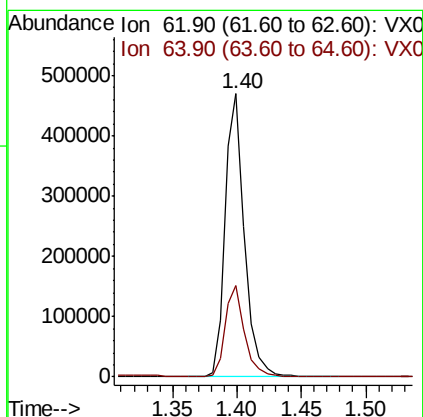
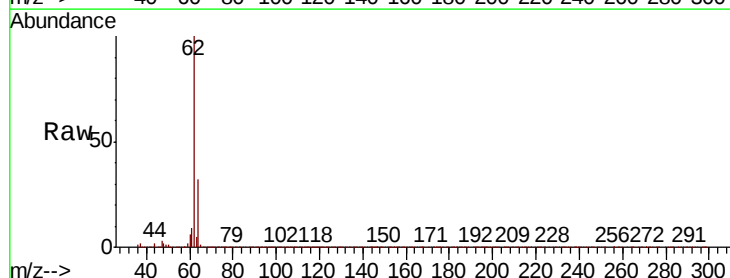
Instrument :
MSVOA_X
ClientSampleId :

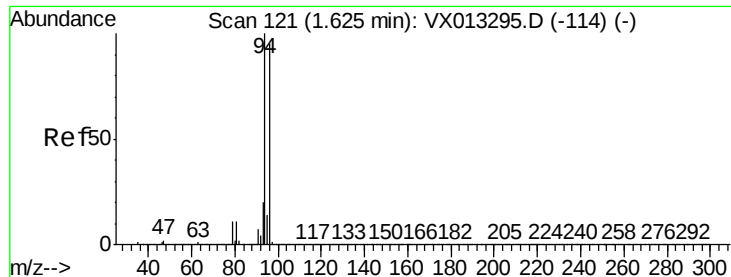
Tot Ion: 50 Resp: 422440
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3



#4
Vinyl Chloride
Concen: 48.247 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion: 62 Resp: 493855
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4





#5

Bromomethane

Concen: 41.229 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

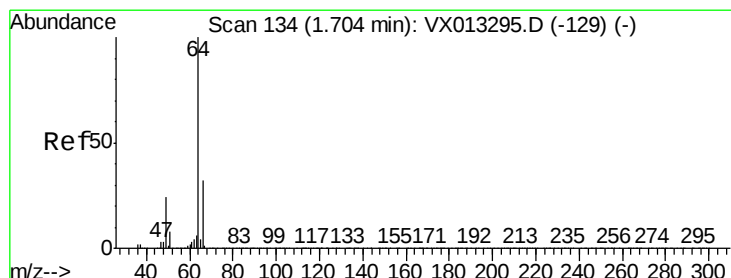
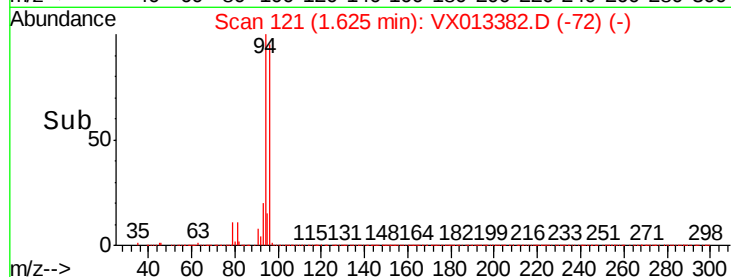
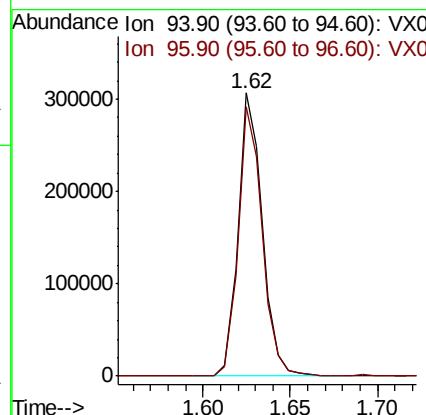
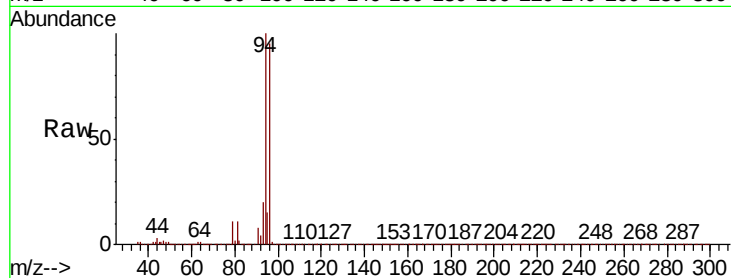
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 294095

Ion Ratio Lower Upper

94 100

96 95.2 75.8 113.8



#6

Chloroethane

Concen: 46.008 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013382.D

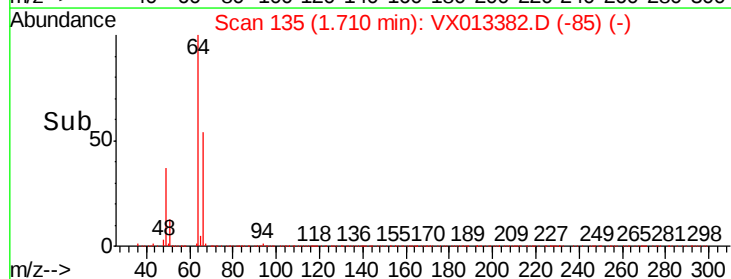
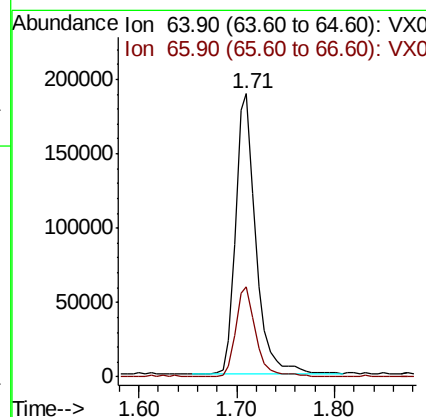
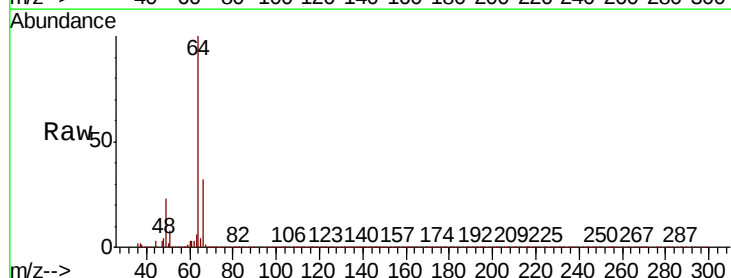
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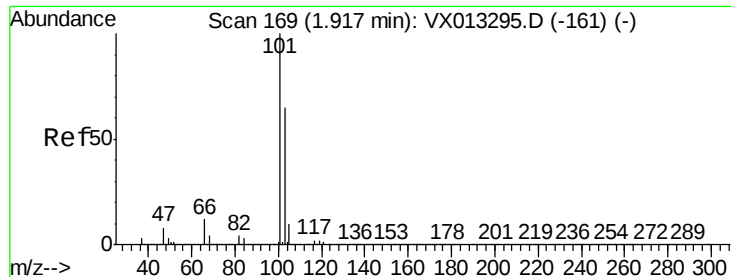
Tgt Ion: 64 Resp: 269762

Ion Ratio Lower Upper

64 100

66 31.9 25.6 38.4



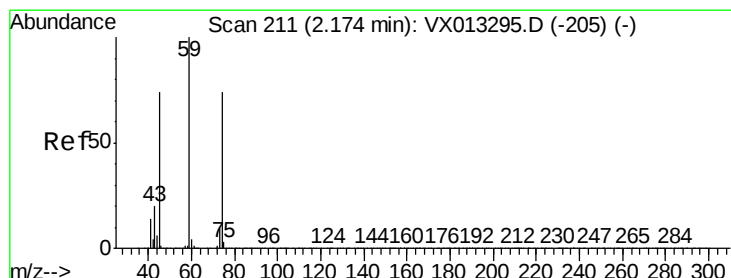
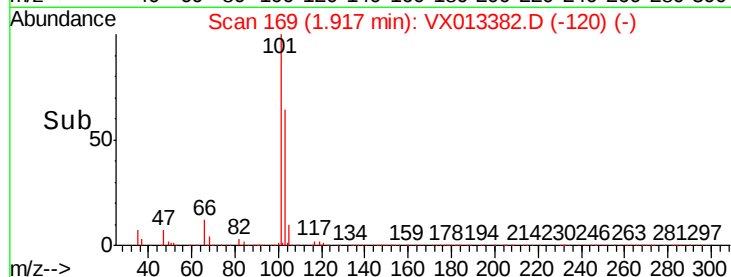
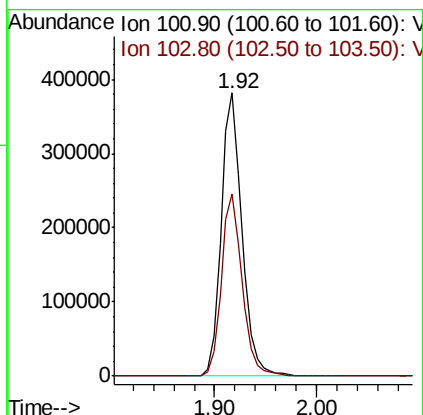
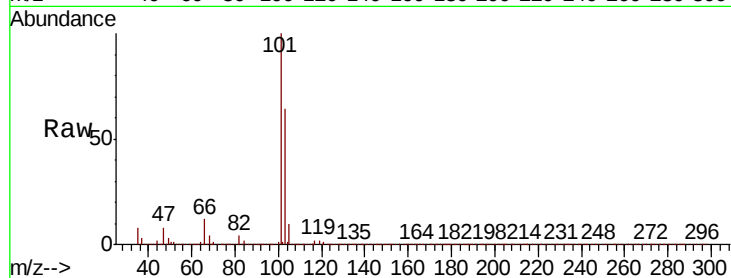


#7

Trichlorofluoromethane
Concen: 44.571 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :

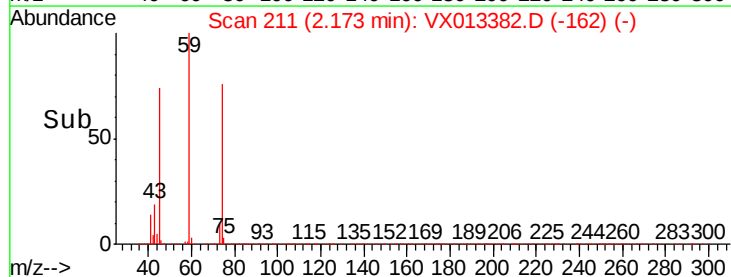
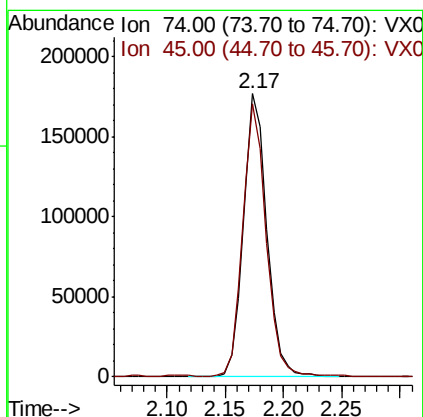
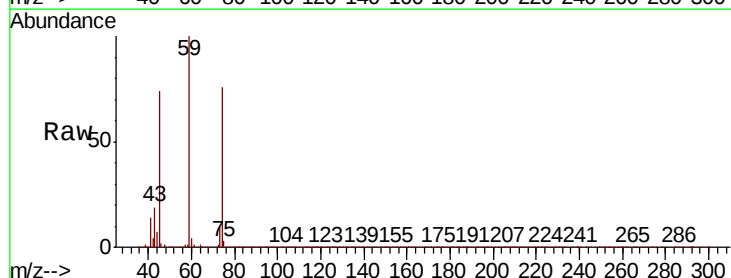
Tot Ion:101 Resp: 539007
Ion Ratio Lower Upper
101 100
103 64.3 52.3 78.5

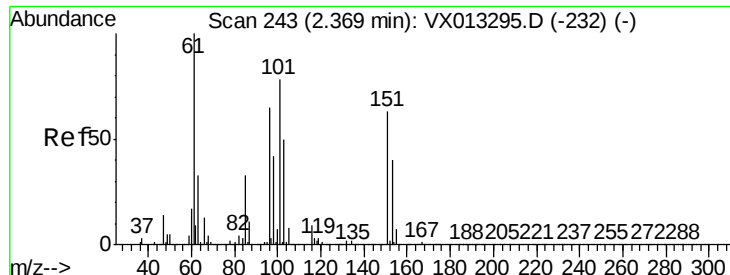


#8

Diethyl Ether
Concen: 46.498 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion: 74 Resp: 248660
Ion Ratio Lower Upper
74 100
45 96.4 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.723 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

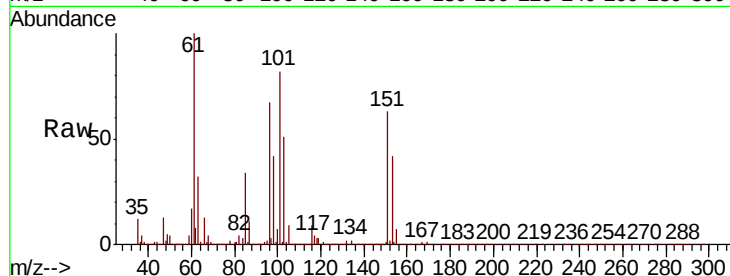
Tot Ion:101 Resp: 341887

Ion Ratio Lower Upper

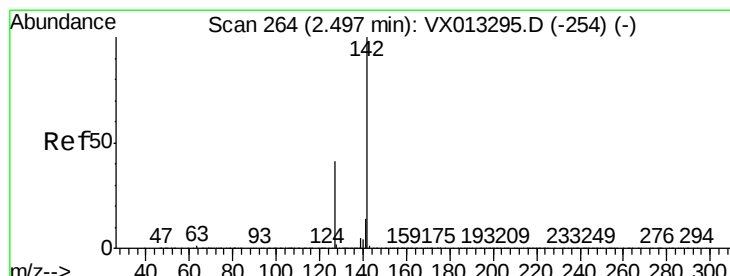
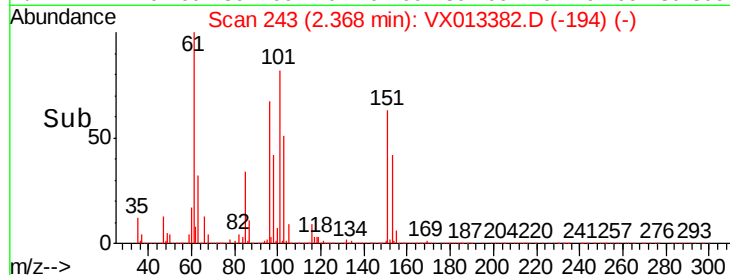
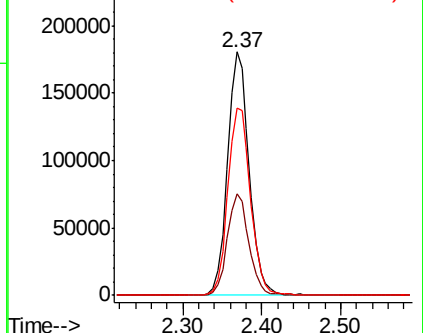
101 100

85 42.1 34.4 51.6

151 81.0 66.4 99.6



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: 48.308 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

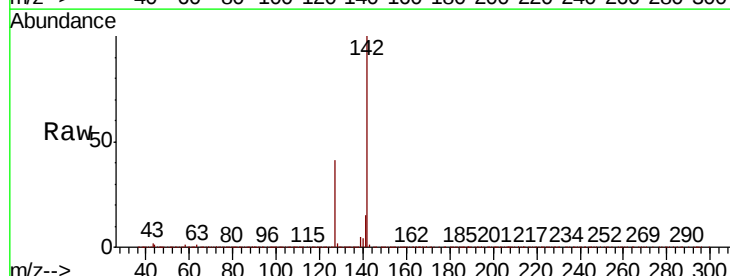
Tgt Ion:142 Resp: 403135

Ion Ratio Lower Upper

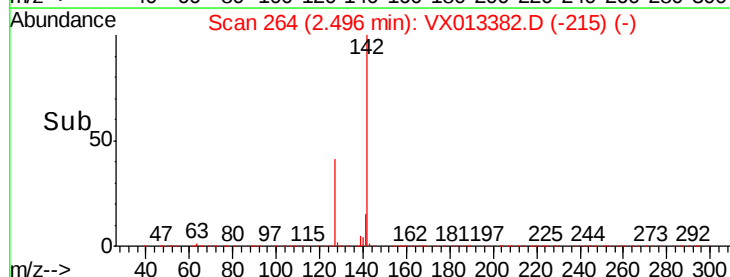
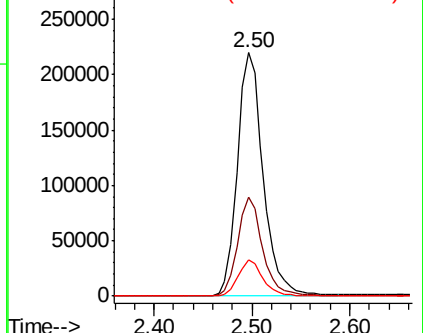
142 100

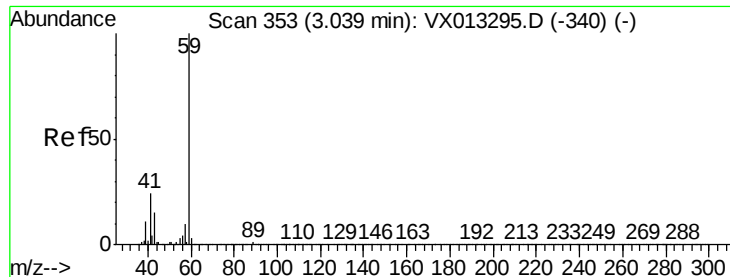
127 38.9 32.6 49.0

141 14.3 11.6 17.4



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



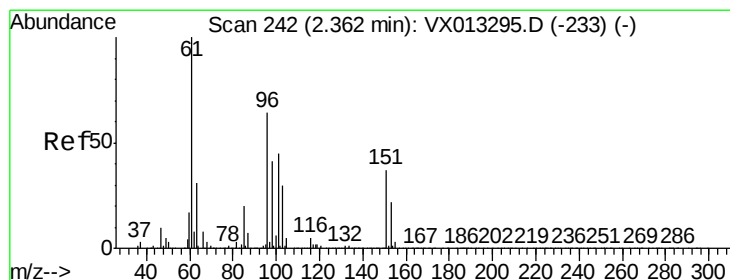
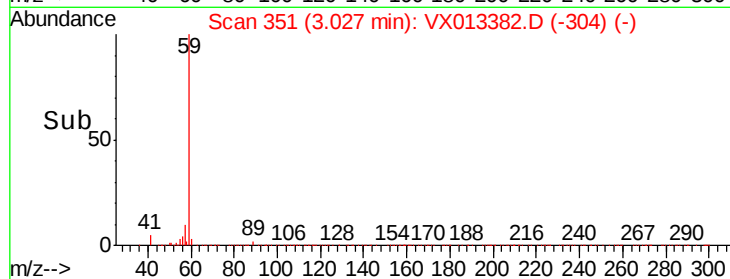
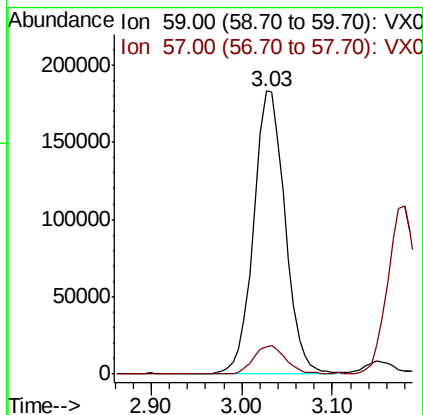
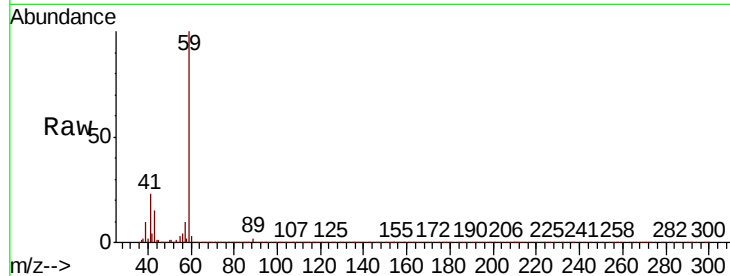


#11

Tert butyl alcohol
 Concen: 195.421 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013382.D
 Acq: 12 Nov 2019 13:47

Instrument :
 MSVOA_X
 ClientSampleId :

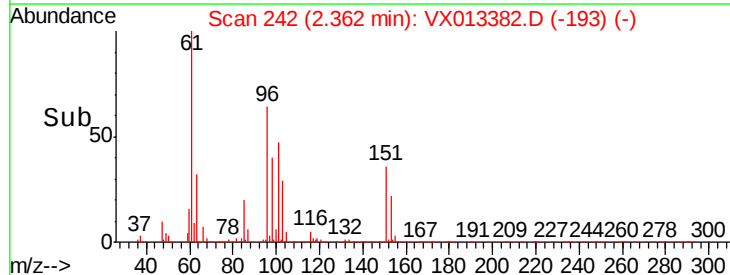
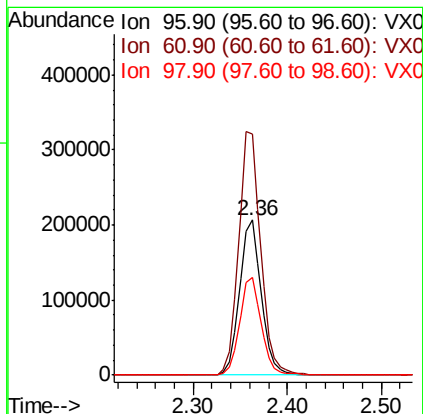
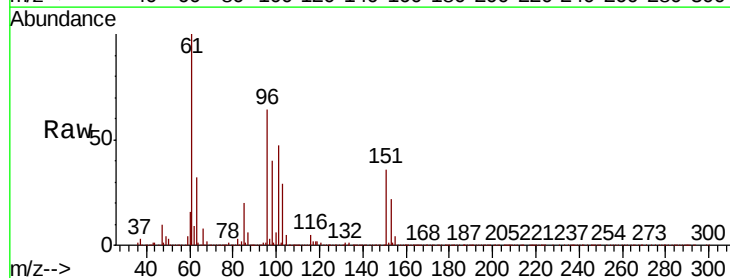
Tot Ion: 59 Resp: 439090
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

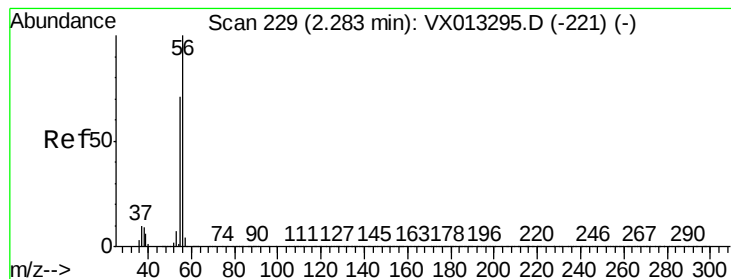


#12

1,1-Dichloroethene
 Concen: 49.964 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013382.D
 Acq: 12 Nov 2019 13:47

Tgt Ion: 96 Resp: 329793
 Ion Ratio Lower Upper
 96 100
 61 155.5 125.0 187.6
 98 62.8 50.7 76.1





#13

Acrolein

Concen: 275.728 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

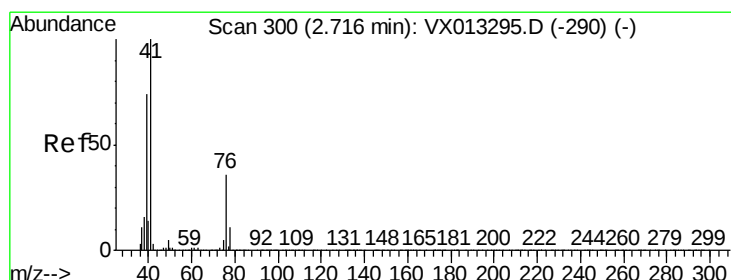
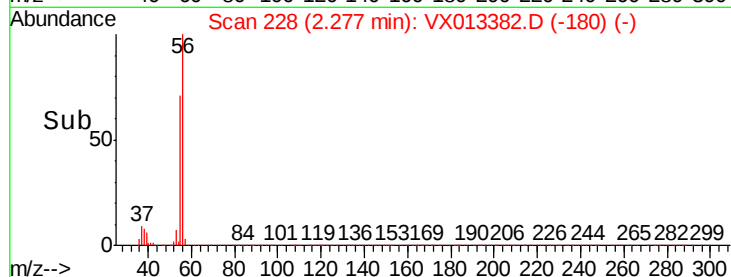
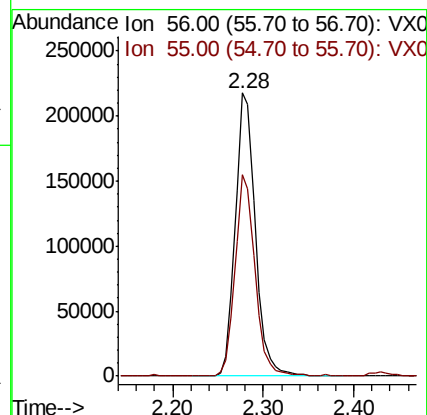
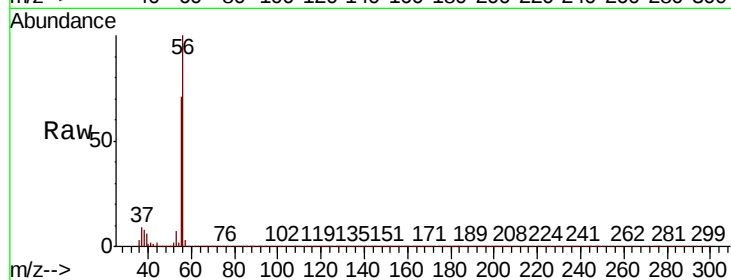
ClientSampleId :

Tot Ion: 56 Resp: 335769

Ion Ratio Lower Upper

56 100

55 69.4 57.4 86.0



#14

Allyl chloride

Concen: 50.561 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

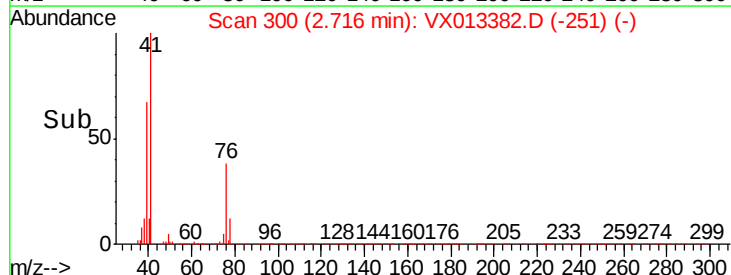
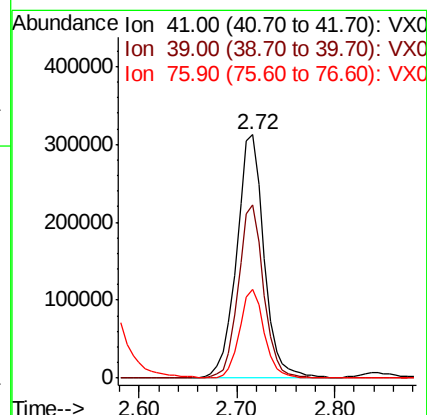
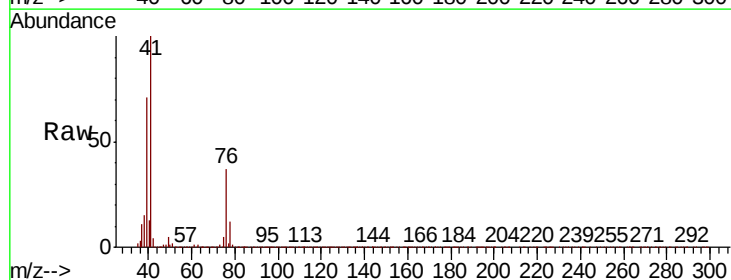
Tgt Ion: 41 Resp: 606381

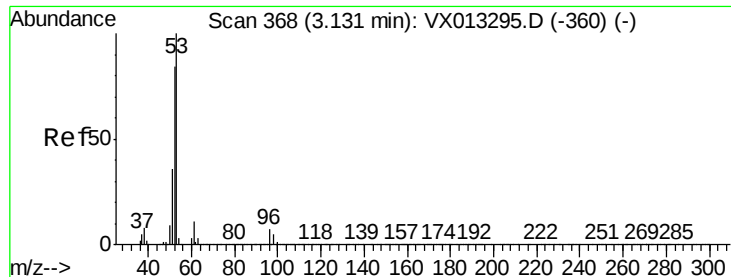
Ion Ratio Lower Upper

41 100

39 66.0 55.8 83.8

76 33.0 26.4 39.6





#15

Acrylonitrile

Concen: 240.952 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

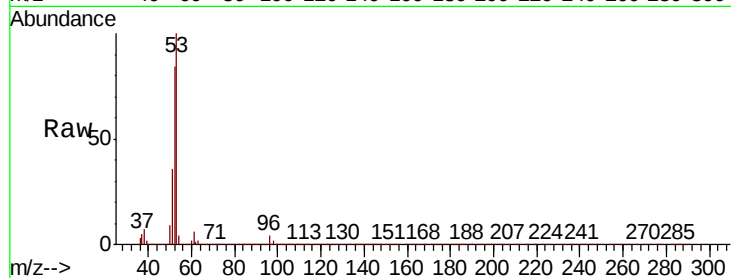
Tot Ion: 53 Resp: 1011304

Ion Ratio Lower Upper

53 100

52 83.0 67.4 101.0

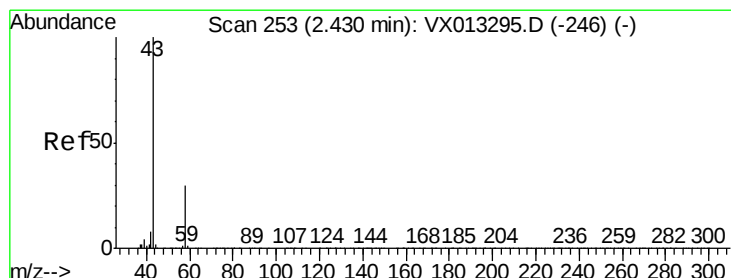
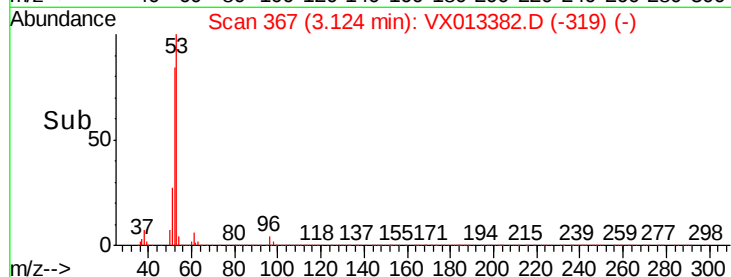
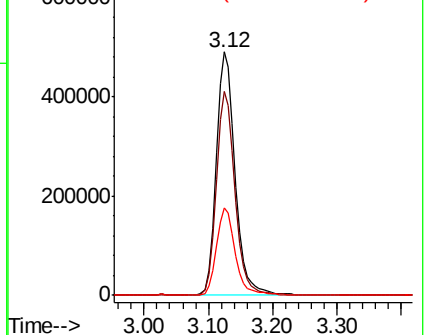
51 35.8 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 297.841 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013382.D

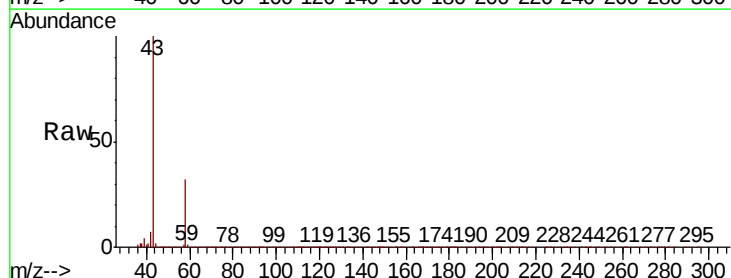
Acq: 12 Nov 2019 13:47

Tgt Ion: 43 Resp: 1266445

Ion Ratio Lower Upper

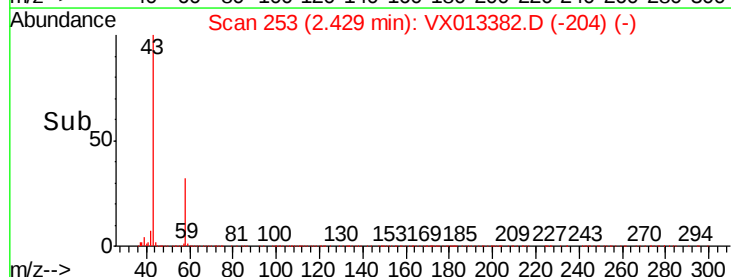
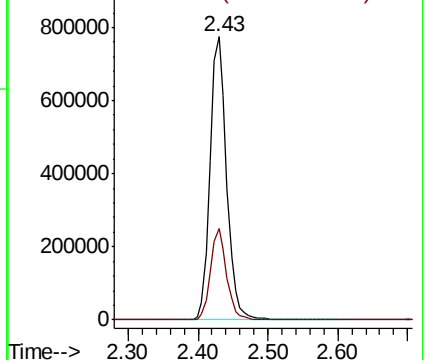
43 100

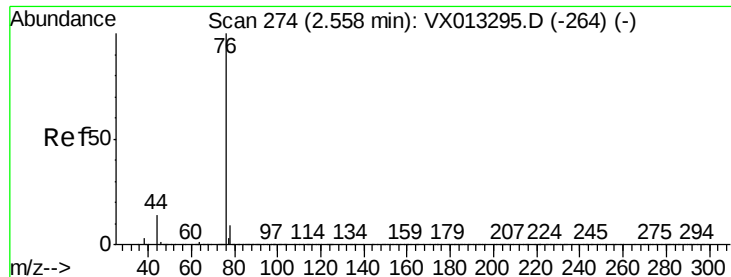
58 32.1 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.723 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

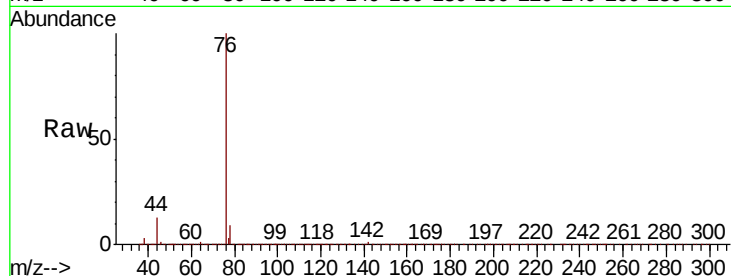
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 860768

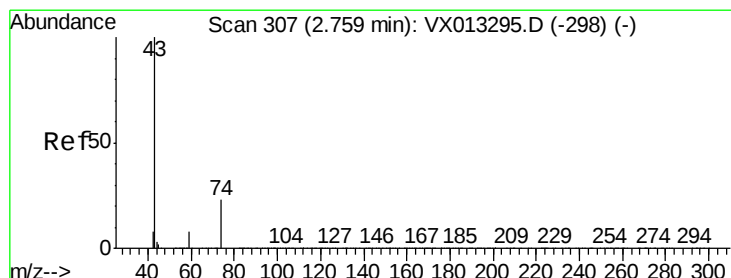
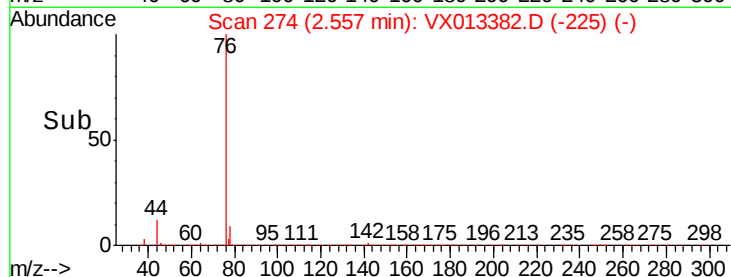
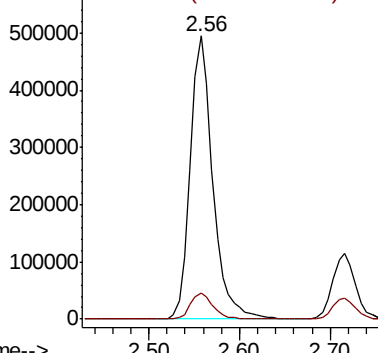
Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



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



#18

Methyl Acetate

Concen: 49.382 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013382.D

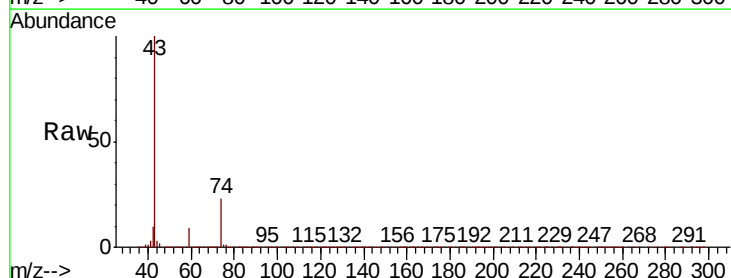
Acq: 12 Nov 2019 13:47

Tgt Ion: 43 Resp: 579694

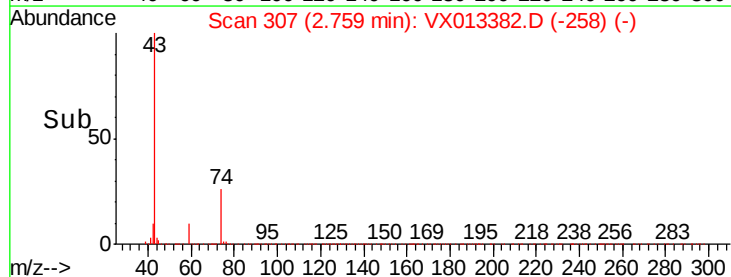
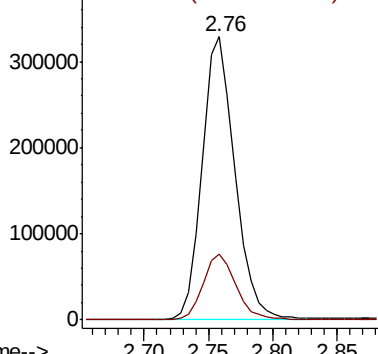
Ion Ratio Lower Upper

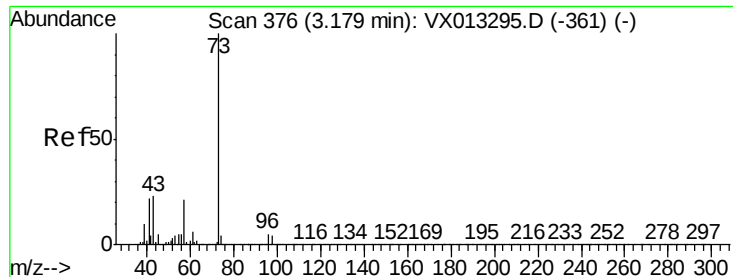
43 100

74 23.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

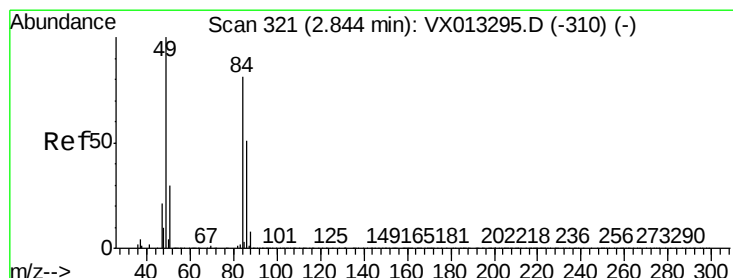
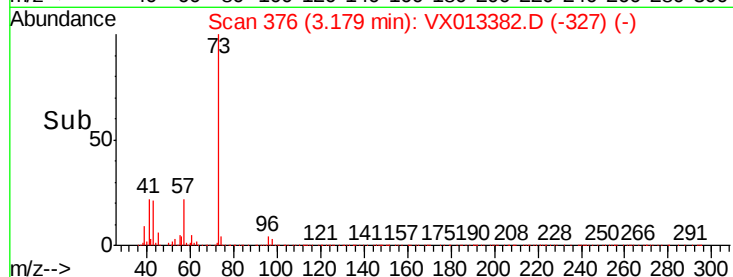
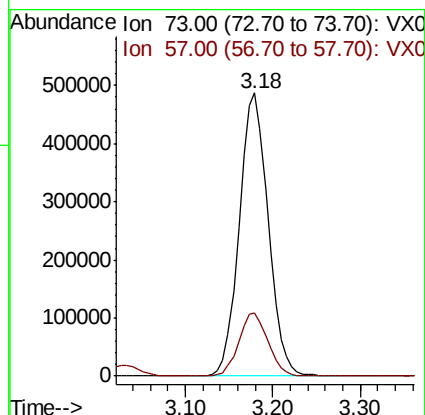
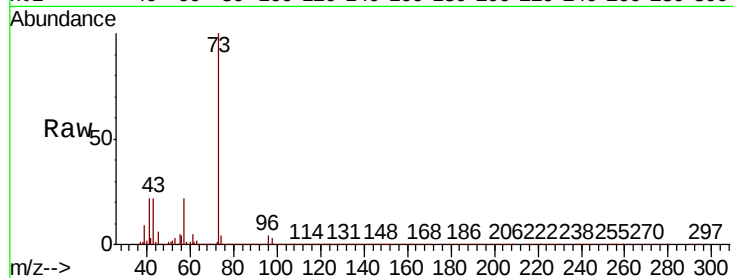




#19
Methvl tert-butvl Ether
Concen: 50.825 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

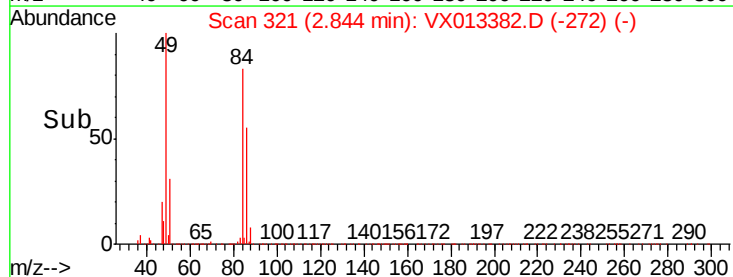
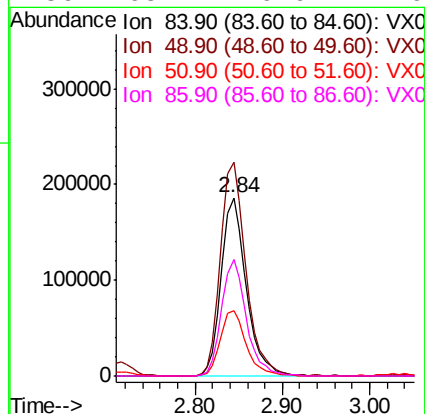
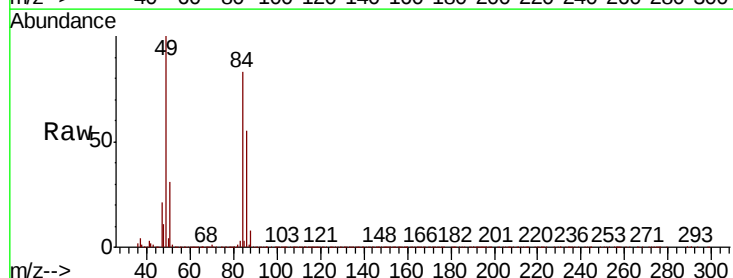
Instrument :
MSVOA_X
ClientSampleId :

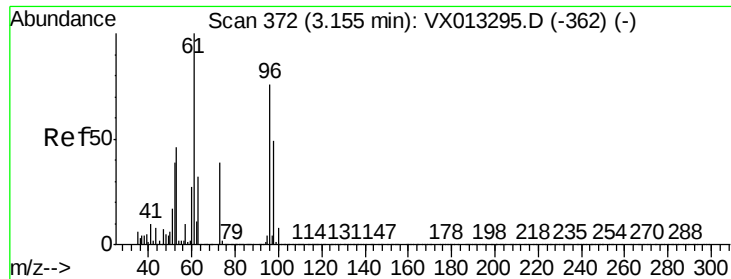
Tot Ion: 73 Resp: 1118906
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 47.049 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion: 84 Resp: 369625
Ion Ratio Lower Upper
84 100
49 120.0 98.2 147.4
51 36.5 29.9 44.9
86 65.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.450 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

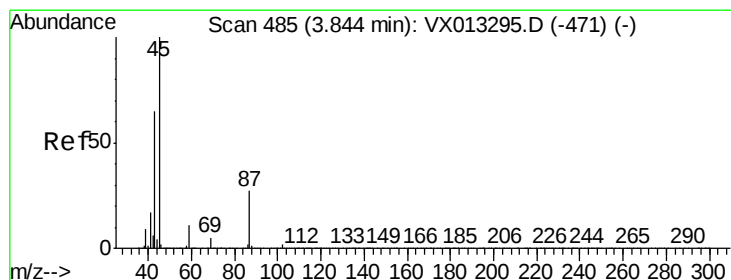
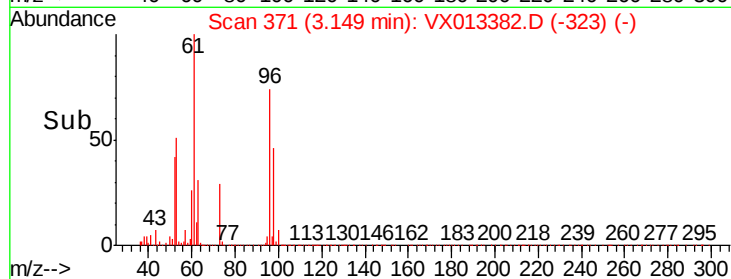
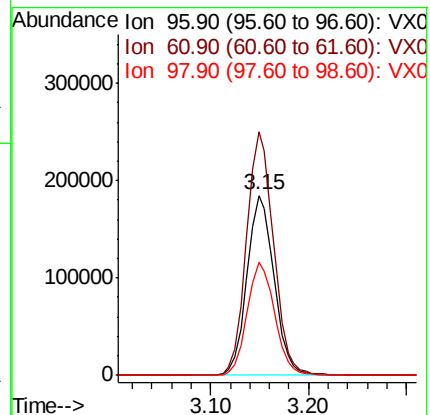
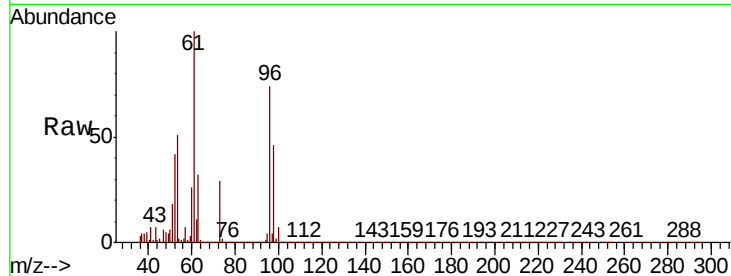
Tot Ion: 96 Resp: 355389

Ion Ratio Lower Upper

96 100

61 135.2 105.8 158.6

98 62.6 51.8 77.6



#22

Diisopropyl ether

Concen: 51.350 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Tgt Ion: 45 Resp: 1188958

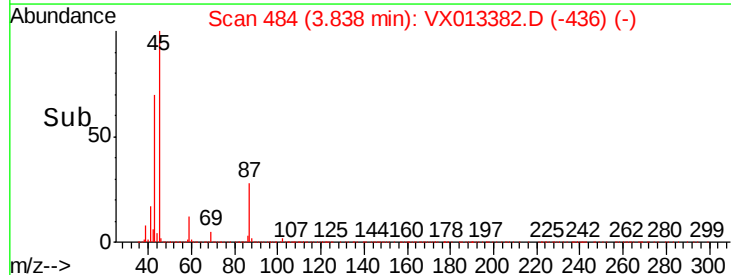
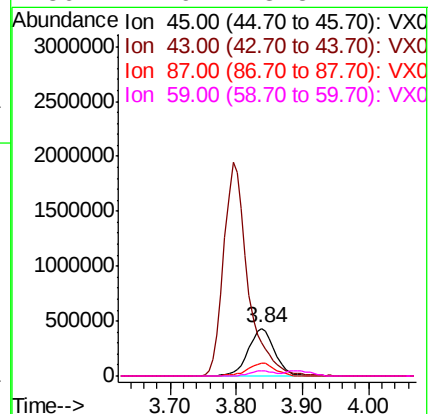
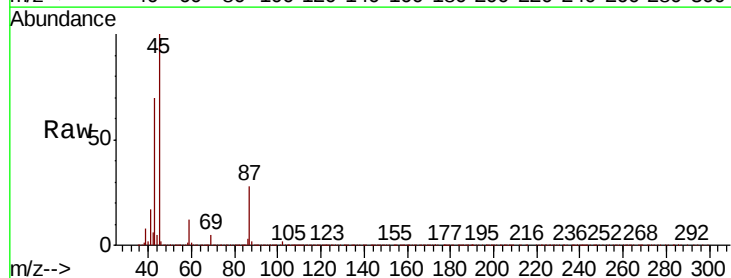
Ion Ratio Lower Upper

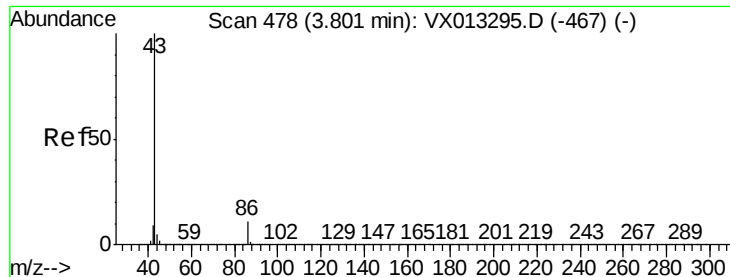
45 100

43 69.6 54.2 81.2

87 27.7 21.8 32.8

59 11.9 8.5 12.7





#23

Vinyl Acetate

Concen: 250.995 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

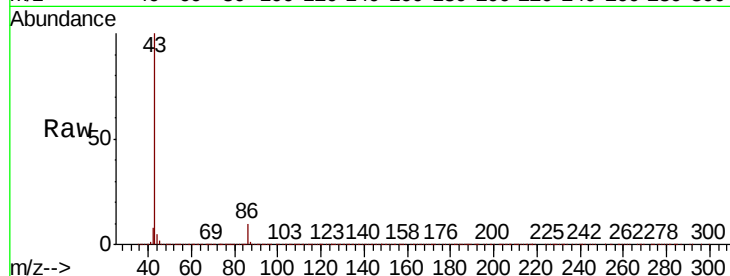
ClientSampleId :

Tot Ion: 43 Resp: 4972858

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

2000000

1500000

1000000

500000

0

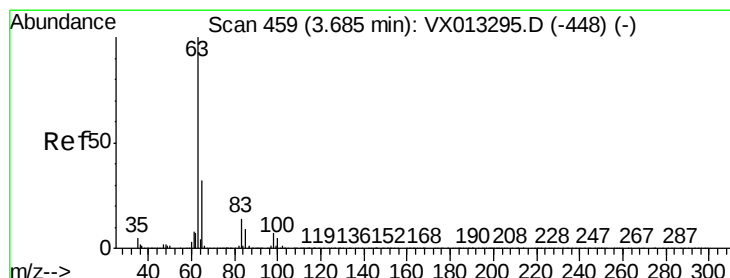
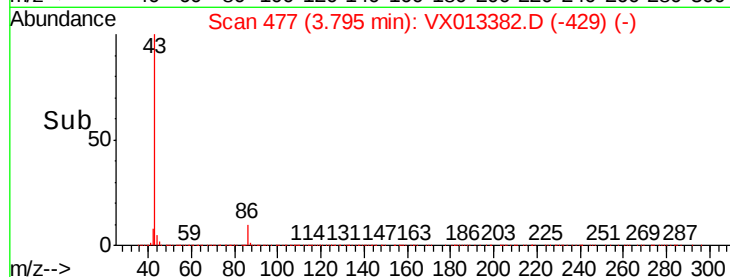
3.79

3.60

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.076 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

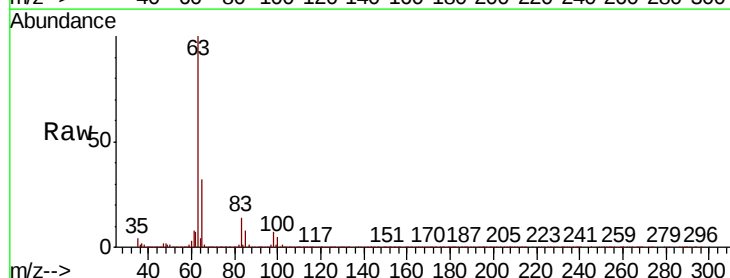
Tgt Ion: 63 Resp: 648600

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.6 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

300000

200000

100000

0

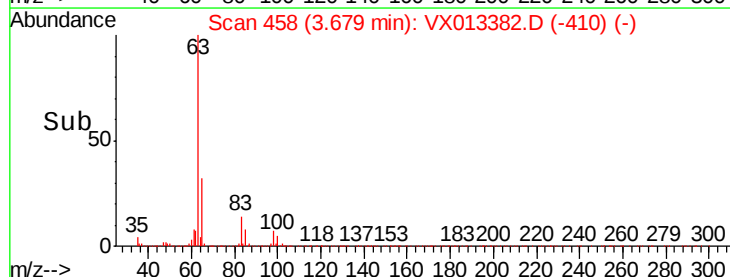
3.68

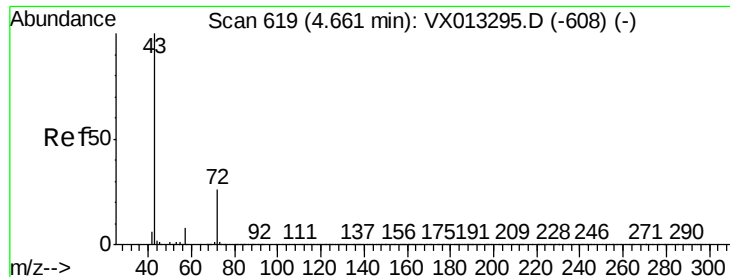
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 266.747 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

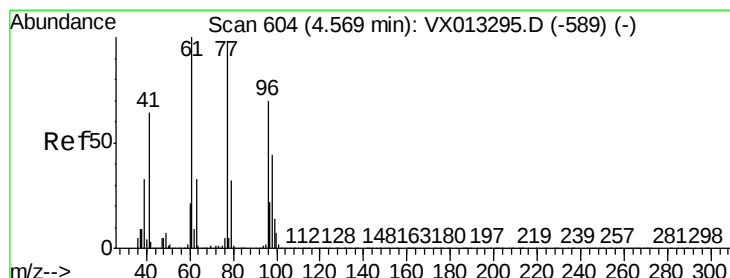
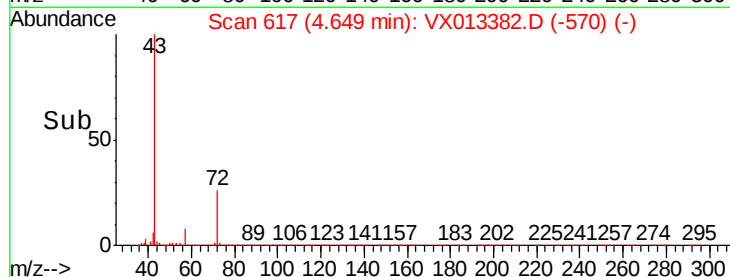
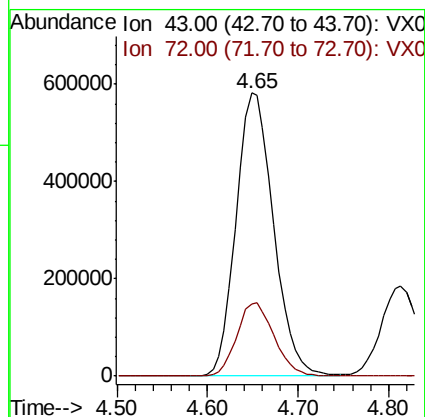
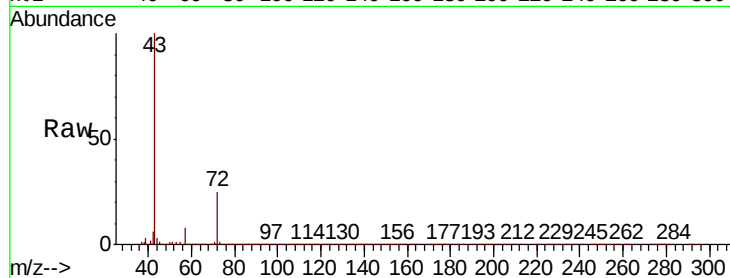
ClientSampleId :

Tot Ion: 43 Resp: 1663930

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 52.974 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013382.D

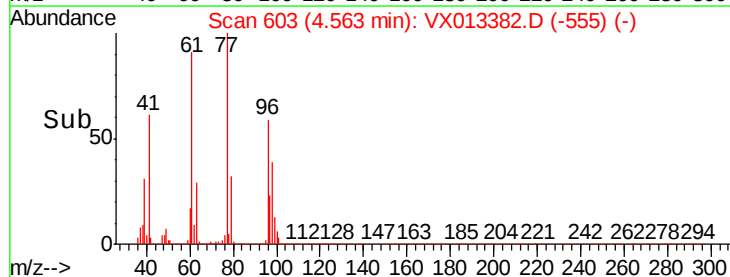
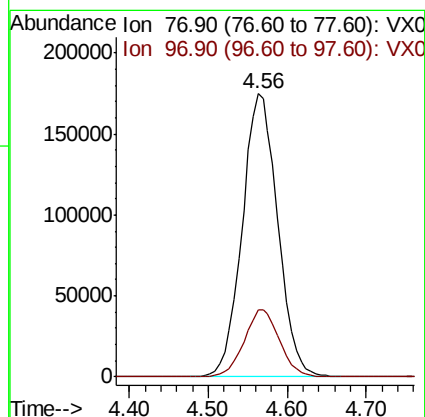
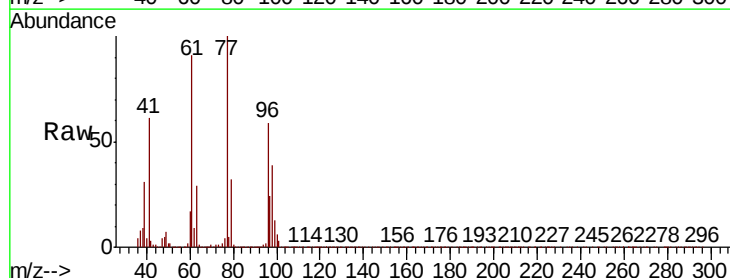
Acq: 12 Nov 2019 13:47

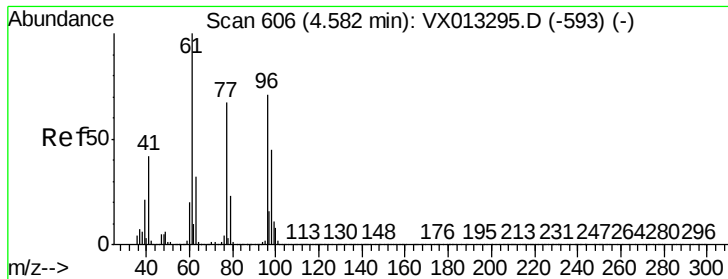
Tgt Ion: 77 Resp: 545845

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.8



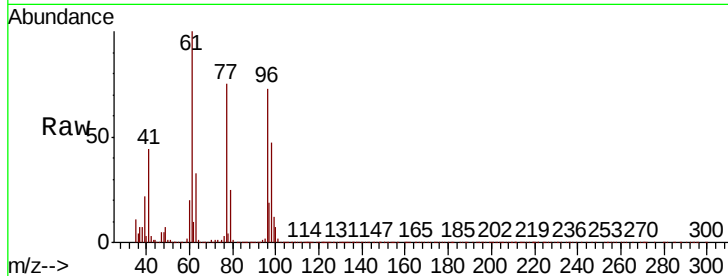


#27

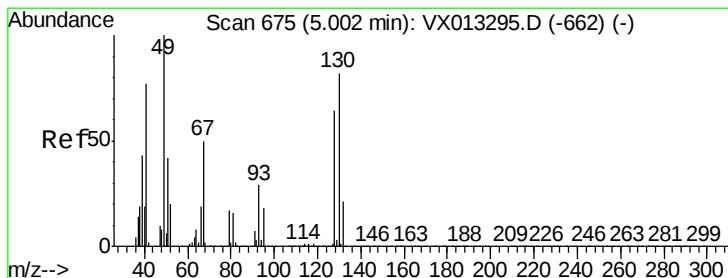
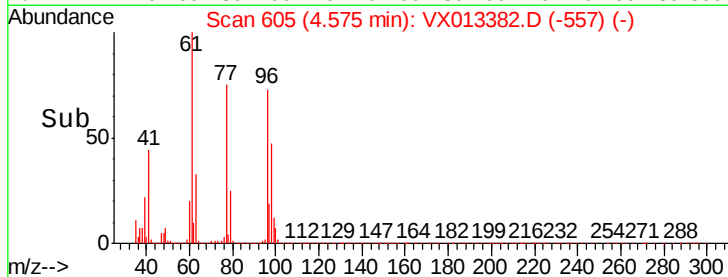
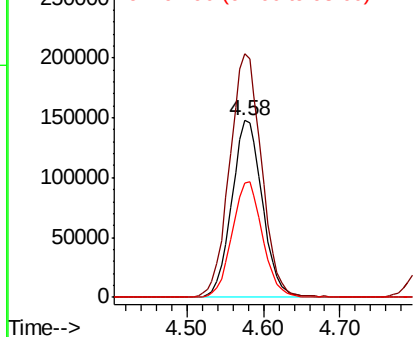
cis-1,2-Dichloroethene
Concen: 50.566 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	288.0
98	65.0	0.0	129.6



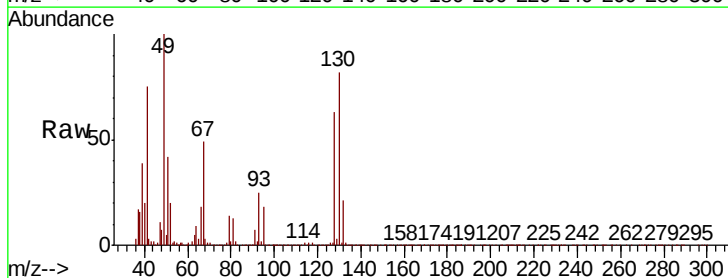
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



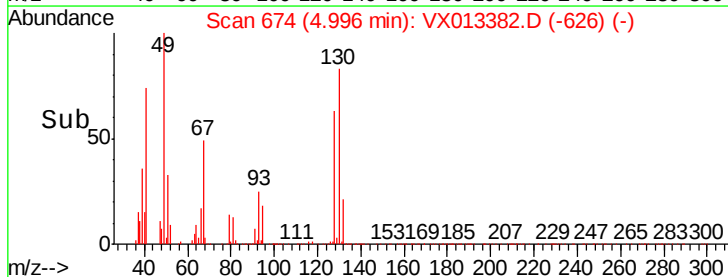
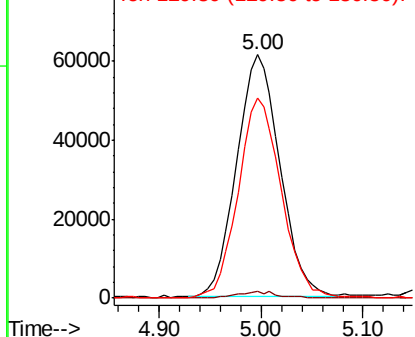
#28

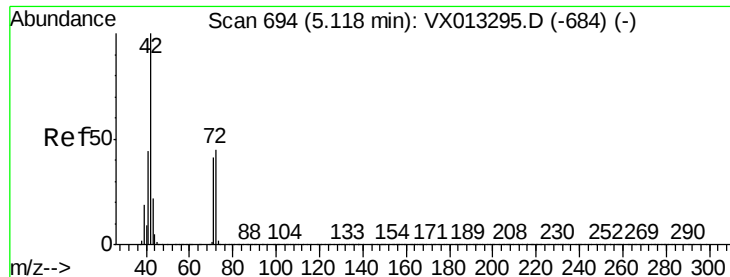
Bromochloromethane
Concen: 49.216 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	82.6	63.8	95.6



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

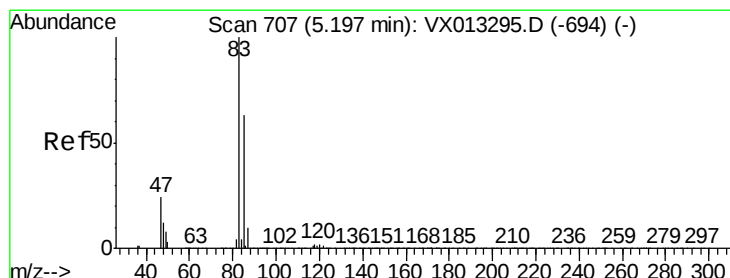
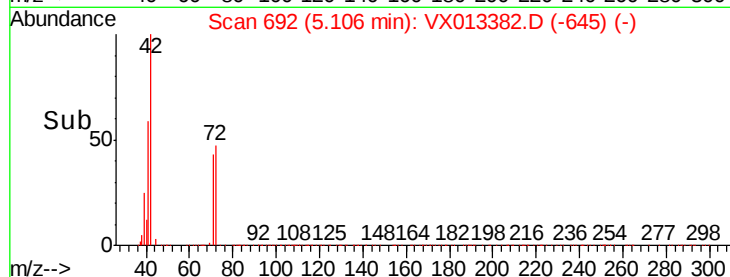
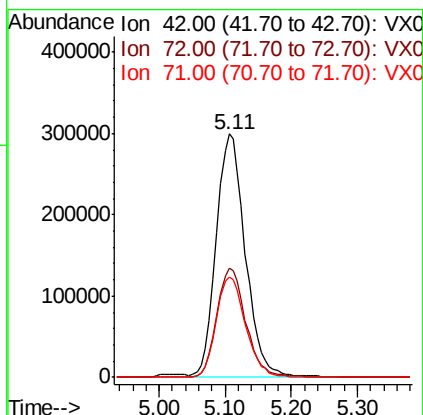
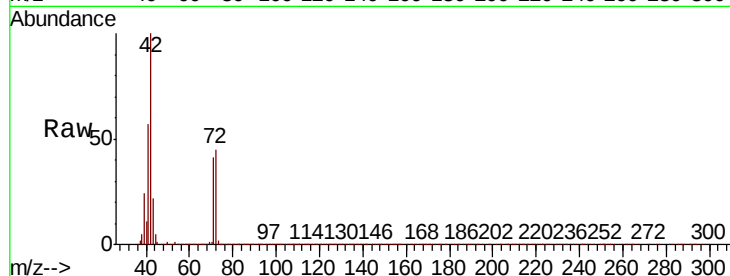




#29
Tetrahydrofuran
Concen: 235.916 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

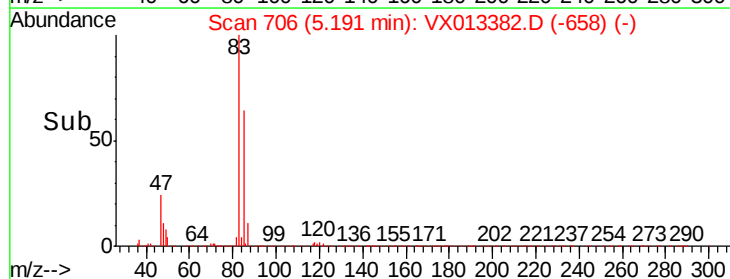
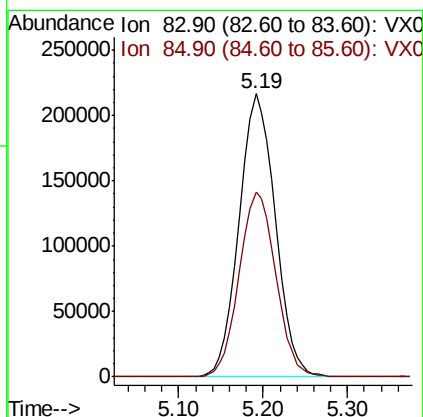
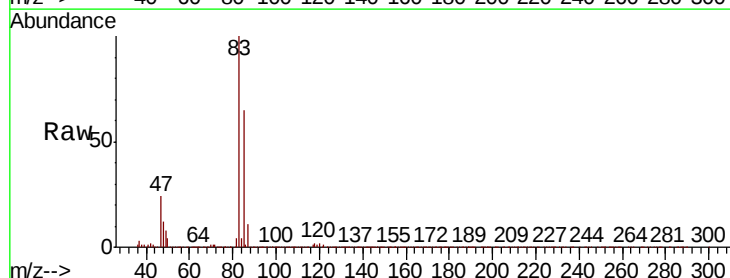
Instrument :
MSVOA_X
ClientSampleId :

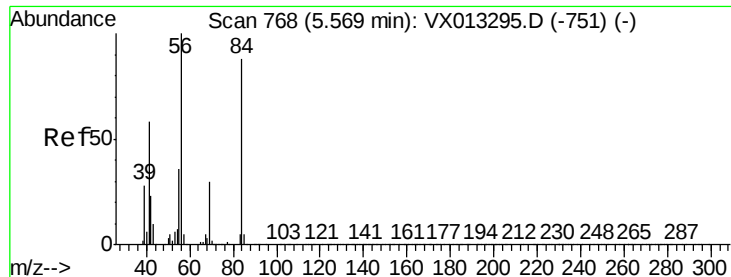
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.8	53.8
71	41.7	33.4	50.0



#30
Chloroform
Concen: 49.229 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.2	75.4

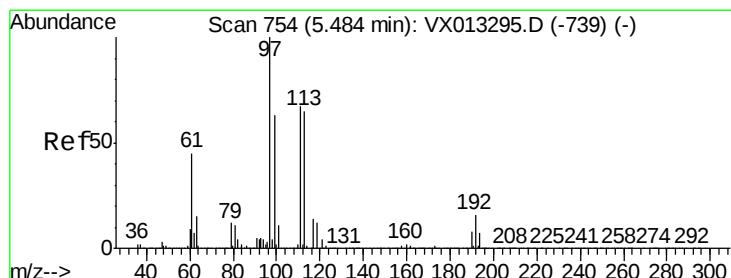
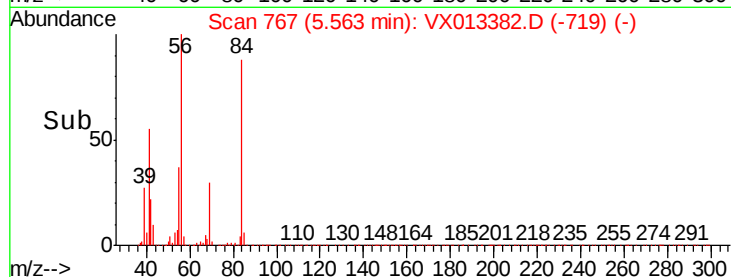
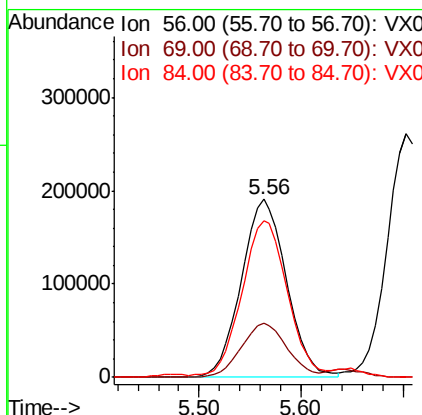
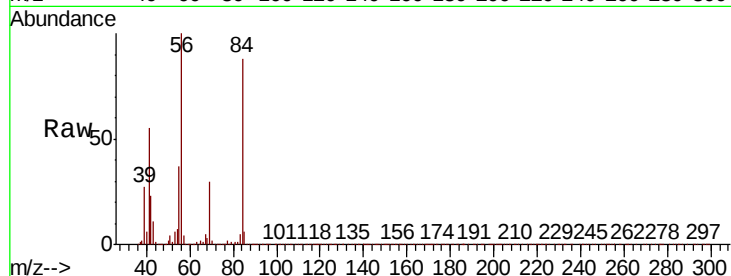




#31
Cyclohexane
Concen: 50.030 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

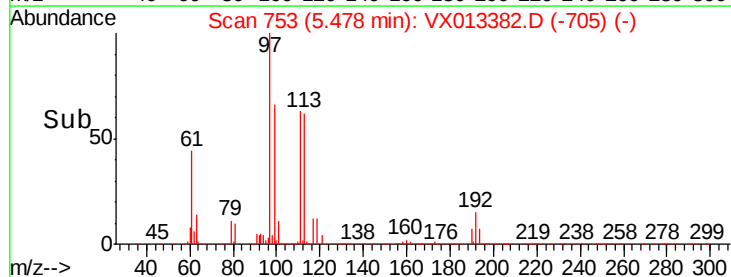
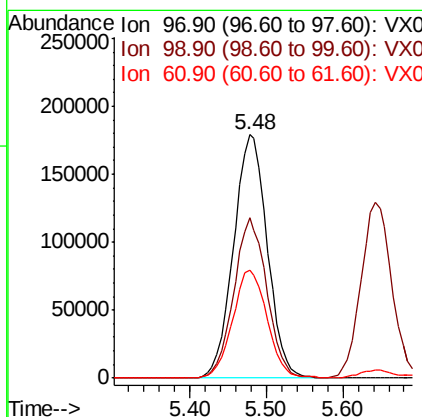
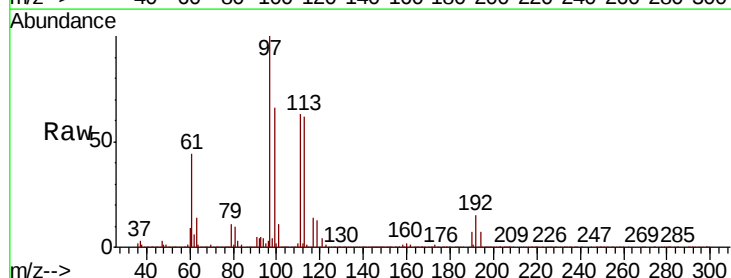
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.7	35.5
84	87.0	70.6	105.8



#32
1,1,1-Trichloroethane
Concen: 49.595 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.1	76.7
61	45.1	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 45.627 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

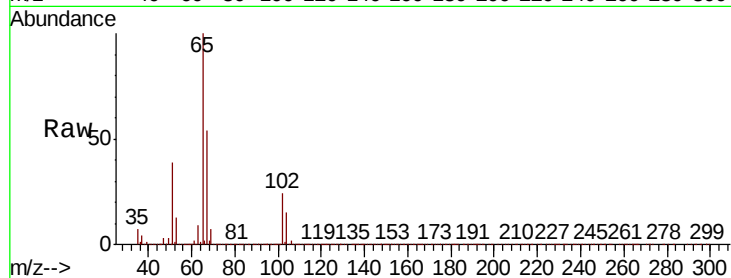
ClientSampleId :

Tot Ion: 65 Resp: 388961

Ion Ratio Lower Upper

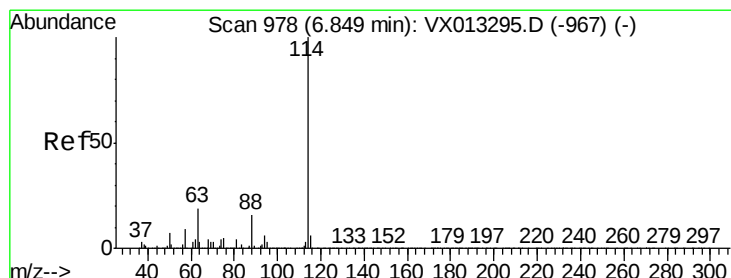
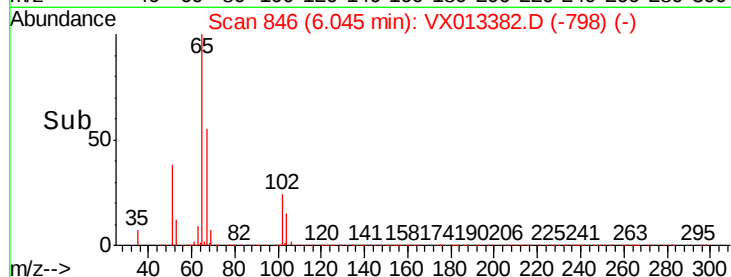
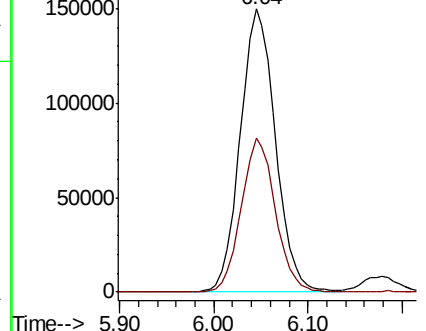
65 100

67 53.3 0.0 104.2



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: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

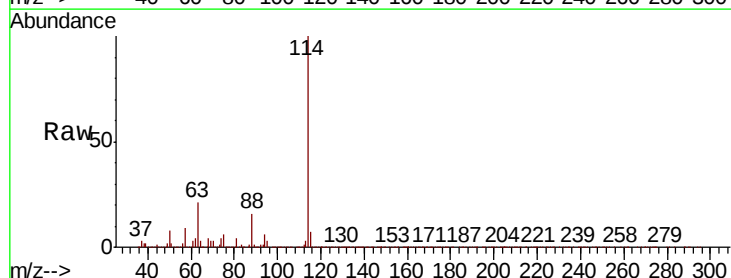
Tgt Ion: 114 Resp: 1062071

Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

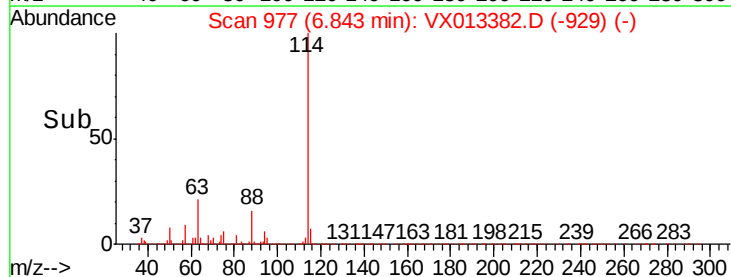
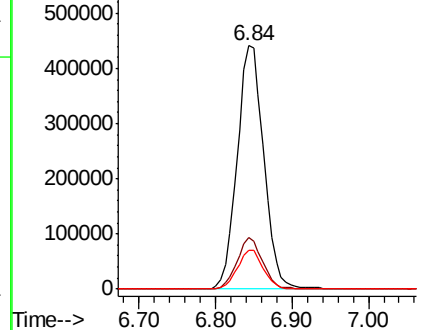
88 16.0 0.0 32.2

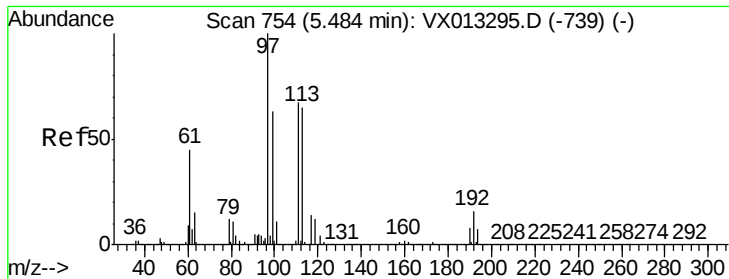


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

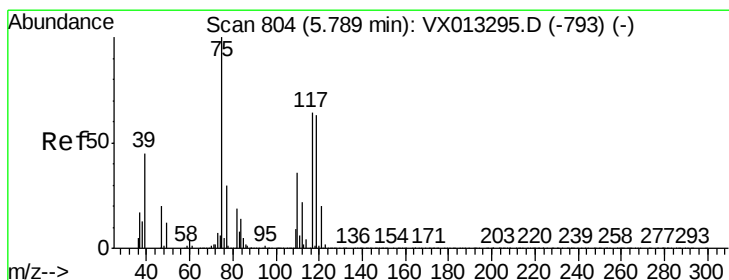
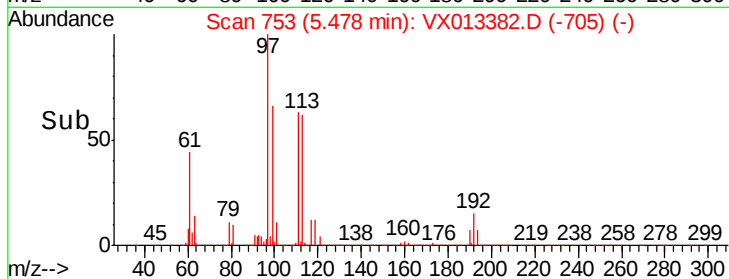
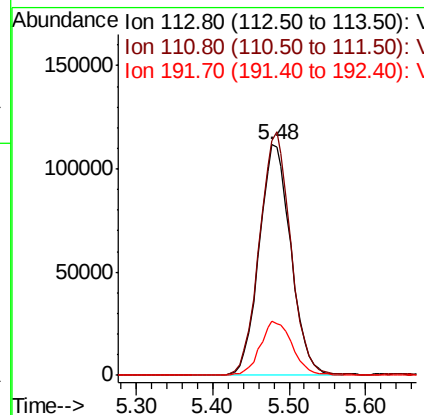
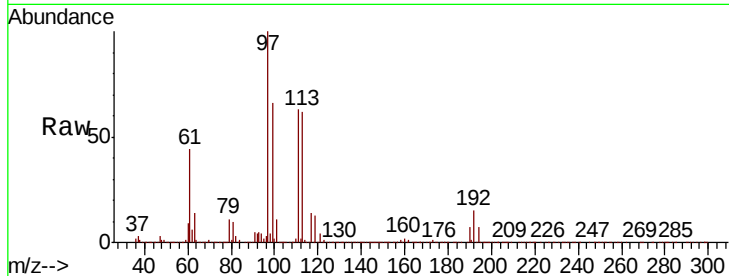




#35
Dibromofluoromethane
Concen: 48.488 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

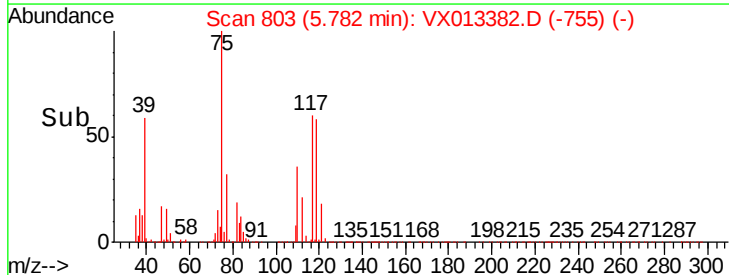
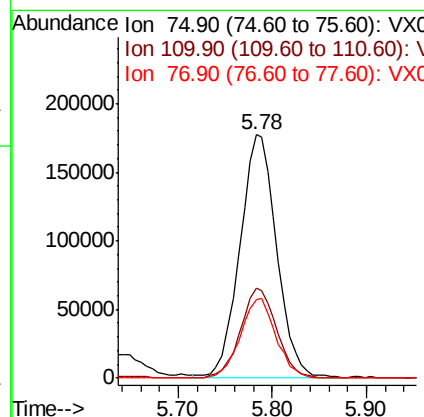
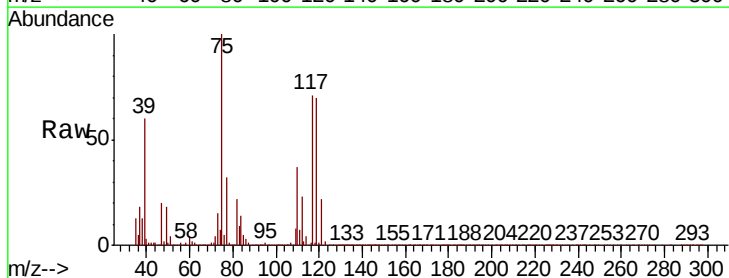
Instrument :
MSVOA_X
ClientSampleId :

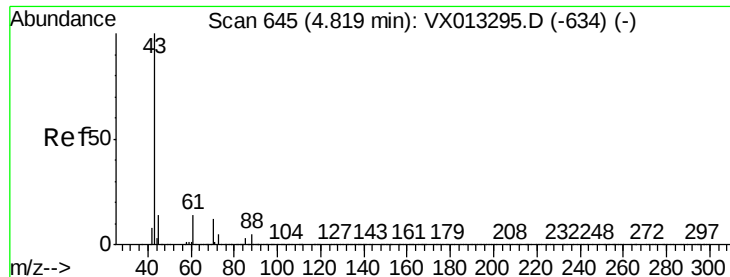
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	23.8	19.1	28.7



#36
1,1-Dichloropropene
Concen: 52.459 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.1	54.1
77	31.7	25.0	37.4

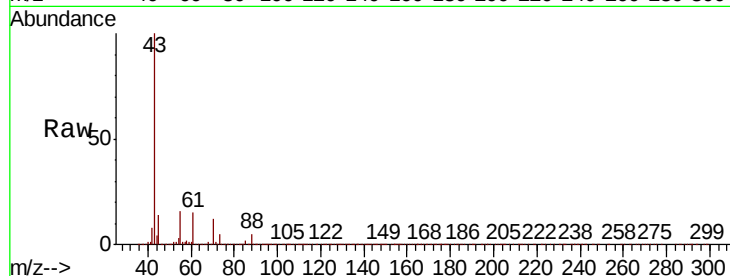




#37
Ethyl Acetate
Concen: 48.362 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.9	8.7	13.1

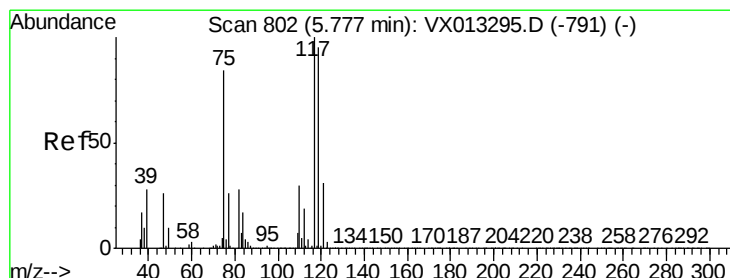
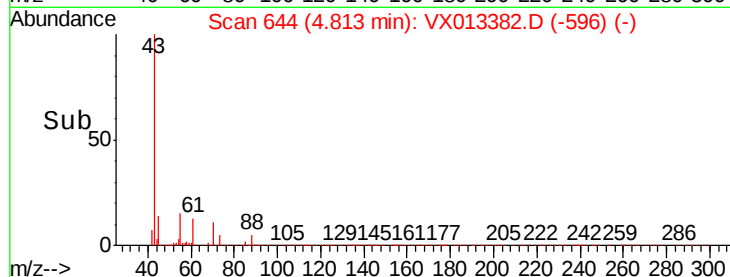
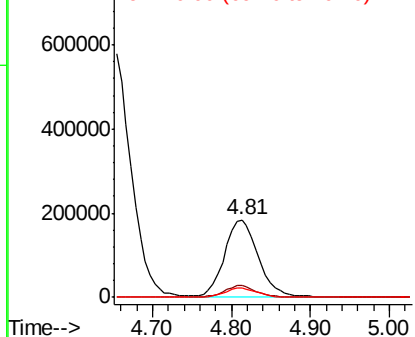


Abundance

Ion 43.00 (42.70 to 43.70): VX0

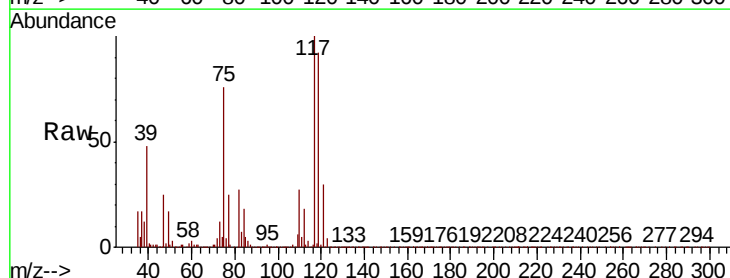
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 52.644 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.1	114.1
121	30.2	24.6	37.0

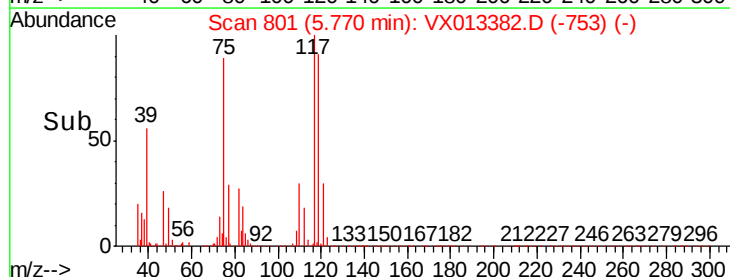
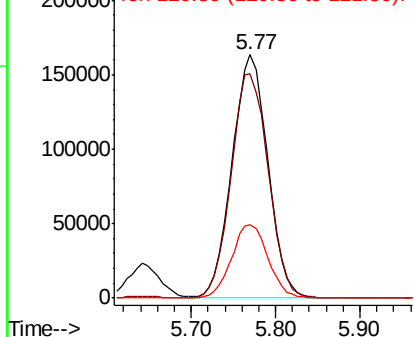


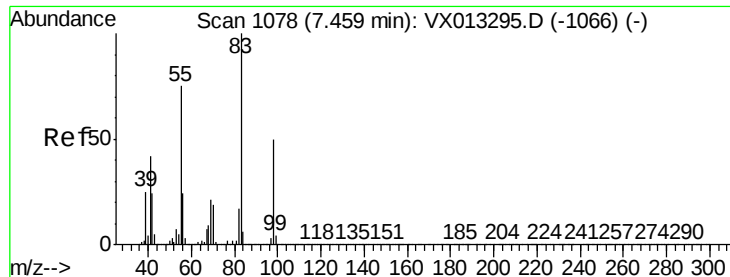
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

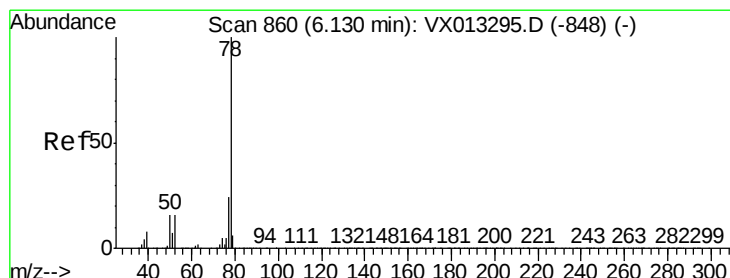
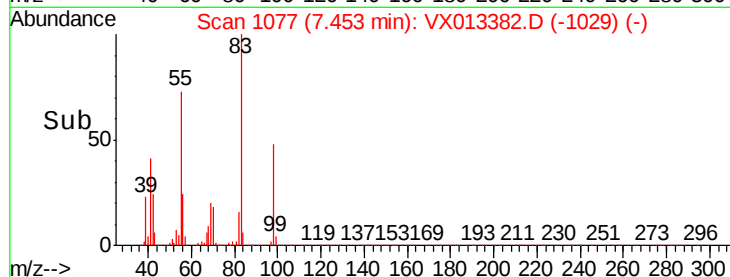
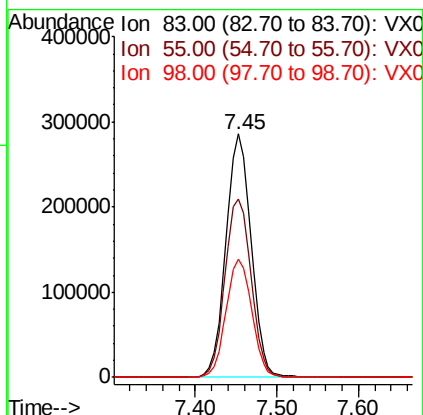
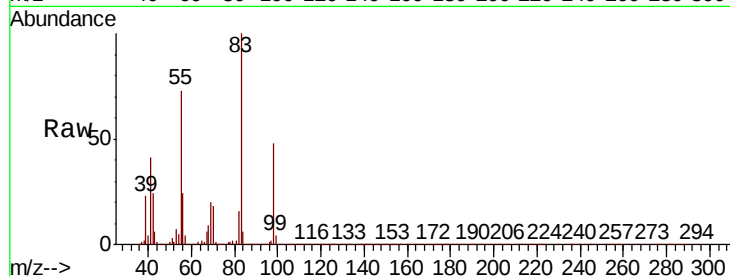




#39
Methvlcvclohexane
Concen: 53.695 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

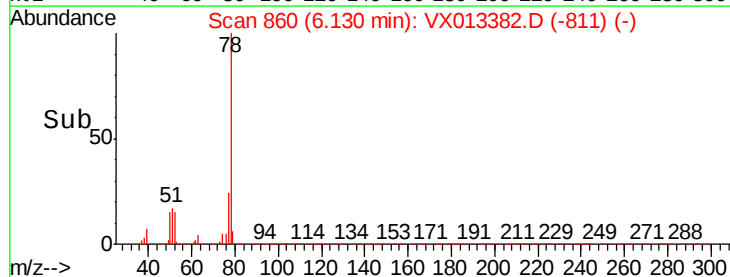
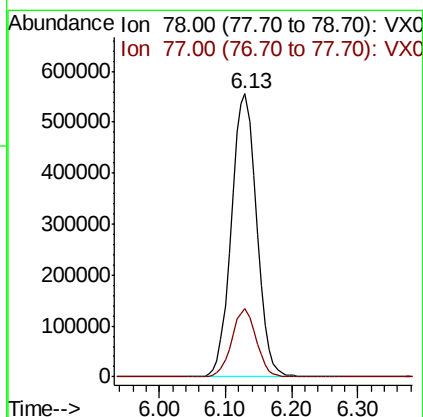
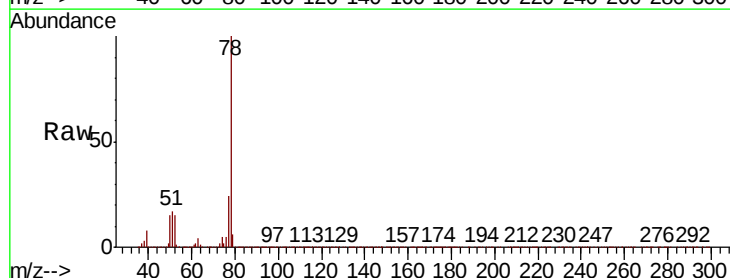
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.3	60.3	90.5
98	48.3	40.3	60.5



#40
Benzene
Concen: 51.843 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3





#41

Methacrylonitrile

Concen: 49.565 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 312771

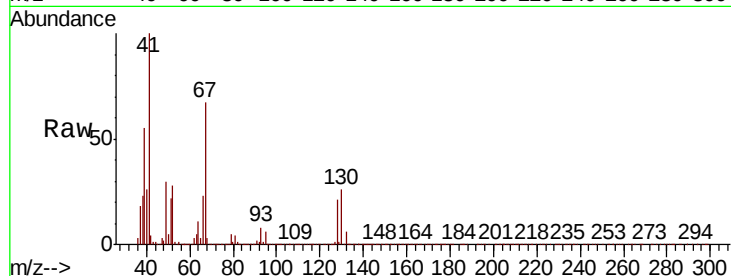
Ion Ratio Lower Upper

41 100

39 53.6 45.0 67.6

67 70.1 55.4 83.2

52 26.9 23.1 34.7

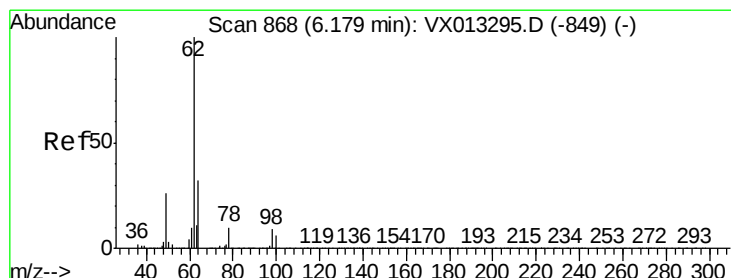
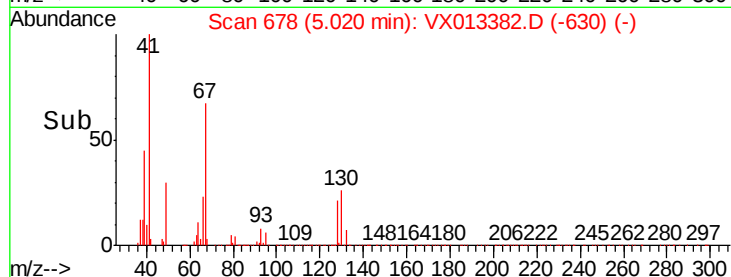
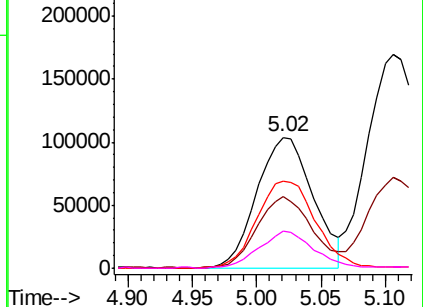


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.121 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013382.D

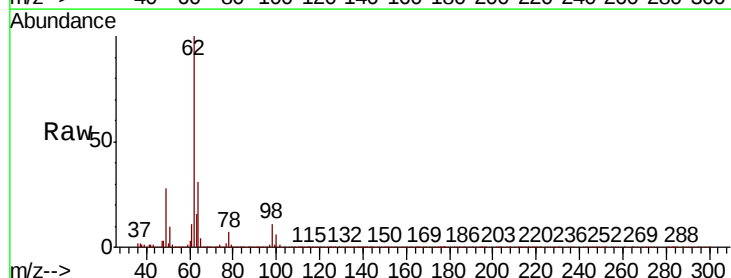
Acq: 12 Nov 2019 13:47

Tgt Ion: 62 Resp: 513099

Ion Ratio Lower Upper

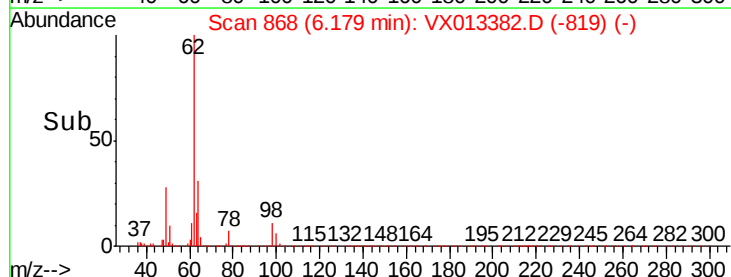
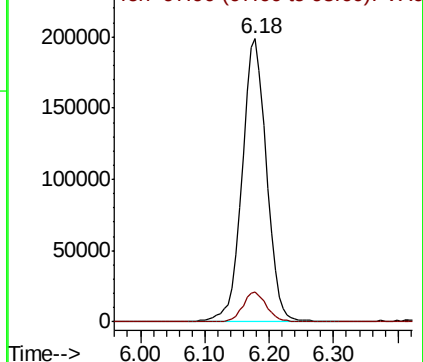
62 100

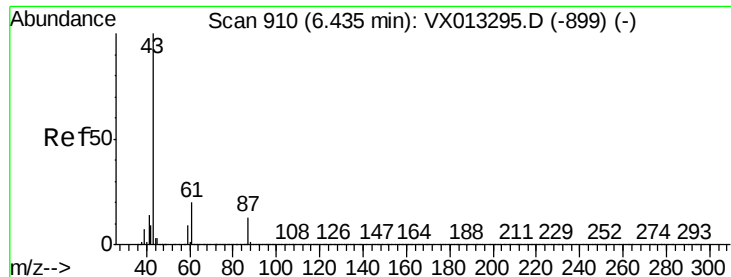
98 10.1 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.553 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

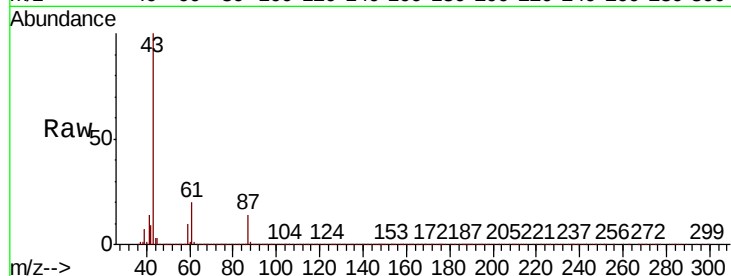
Tot Ion: 43 Resp: 903794

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.8

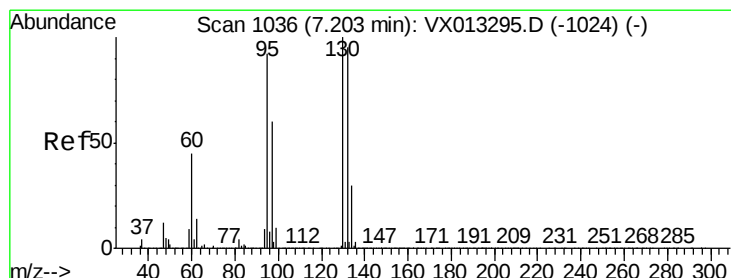
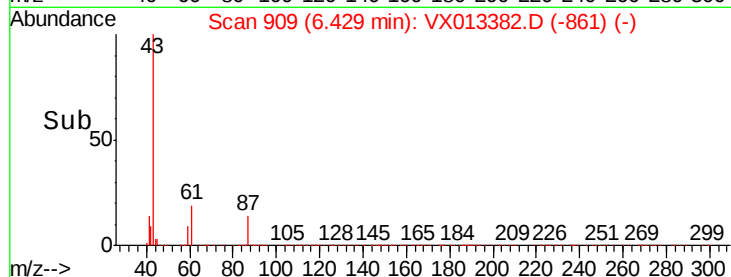
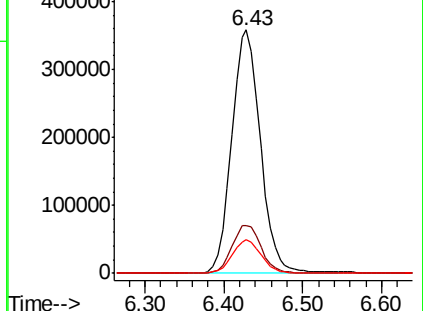
87 13.8 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.867 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013382.D

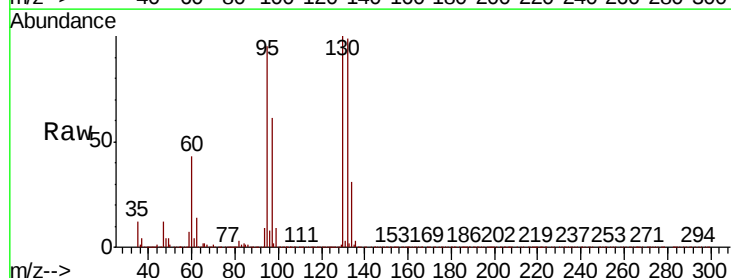
Acq: 12 Nov 2019 13:47

Tgt Ion:130 Resp: 397393

Ion Ratio Lower Upper

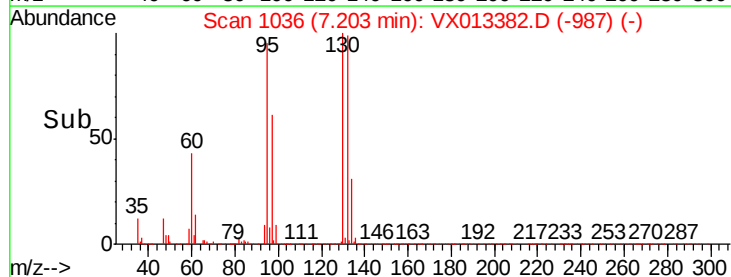
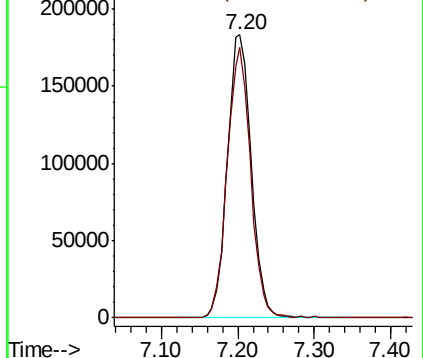
130 100

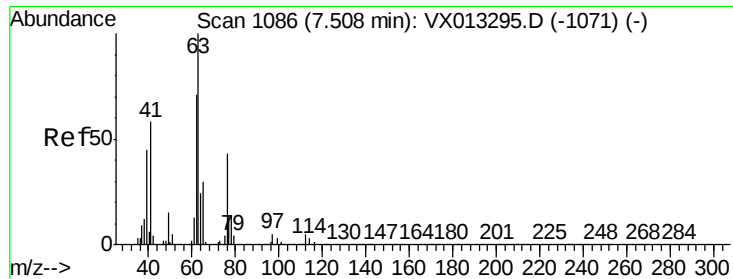
95 95.3 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.585 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

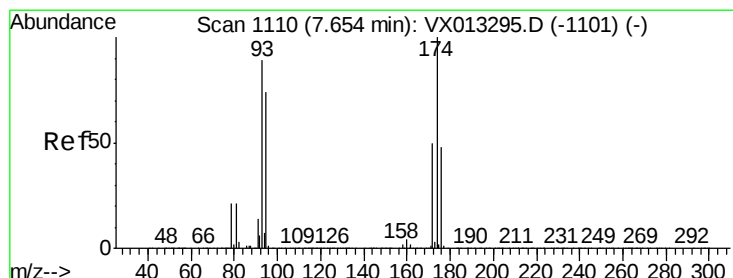
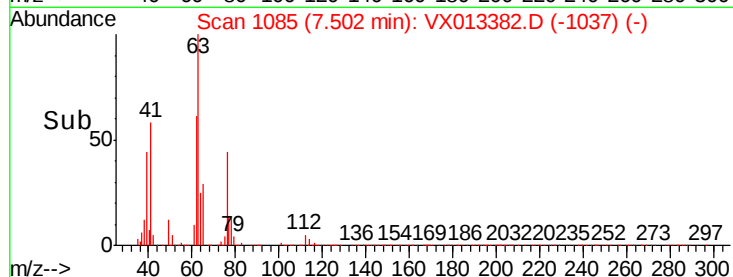
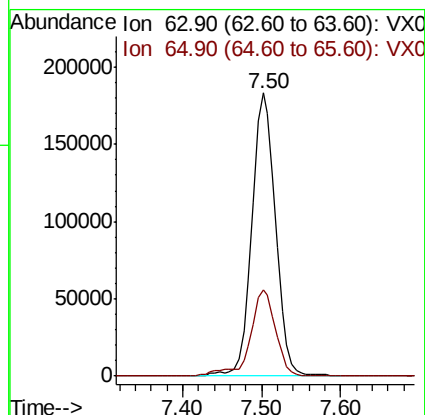
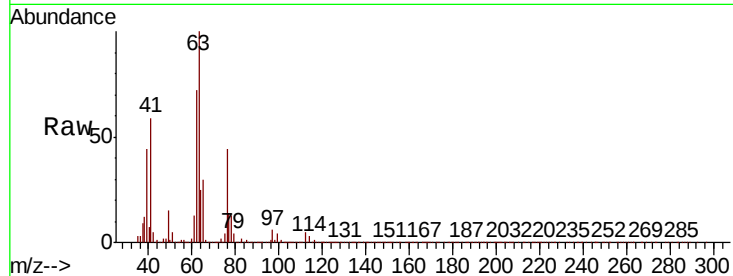
ClientSampleId :

Tot Ion: 63 Resp: 380266

Ion Ratio Lower Upper

63 100

65 30.2 24.3 36.5



#46

Dibromomethane

Concen: 50.577 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

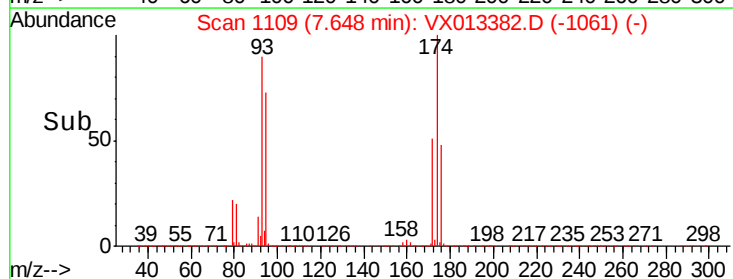
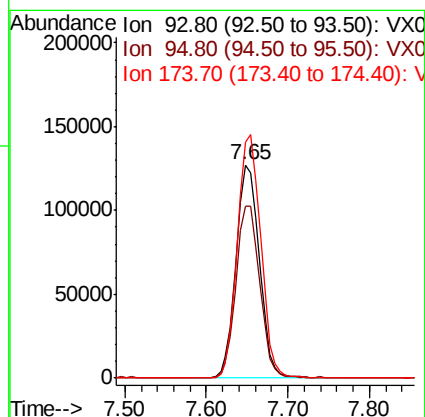
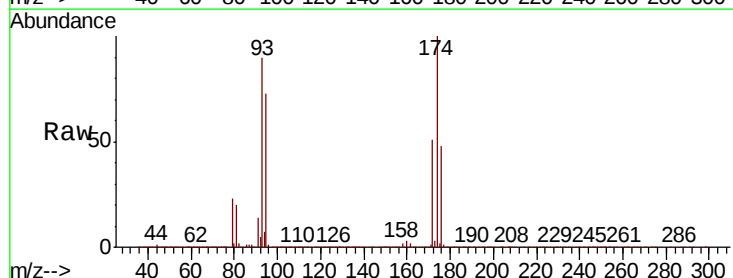
Tgt Ion: 93 Resp: 249720

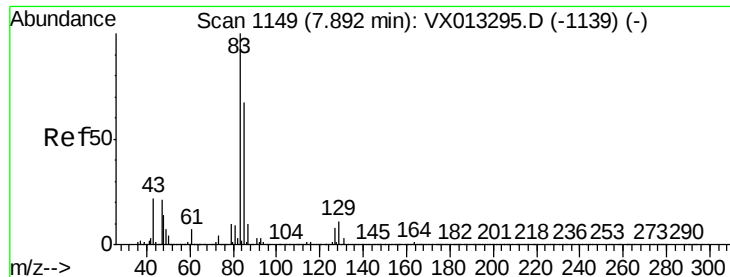
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 114.9 90.4 135.6





#47

Bromodichloromethane

Concen: 54.230 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :

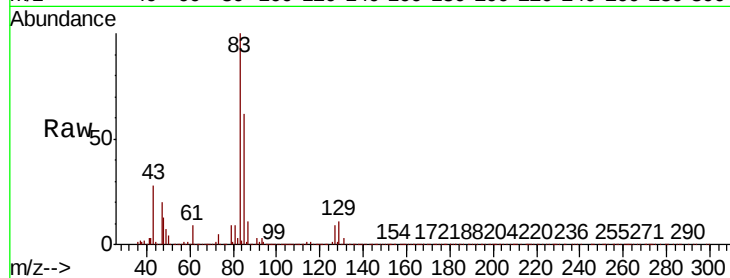
Tot Ion: 83 Resp: 504912

Ion Ratio Lower Upper

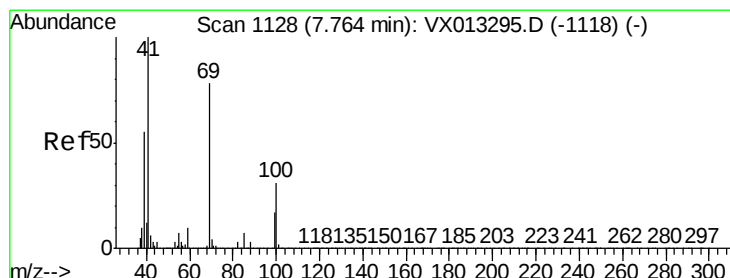
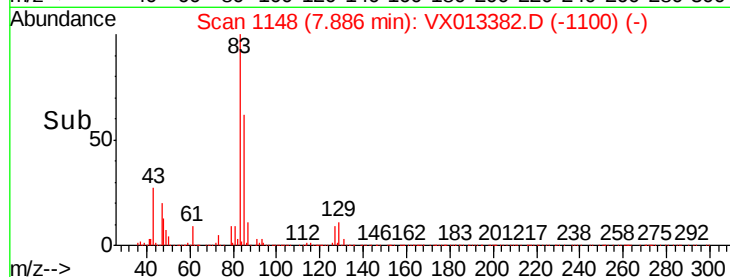
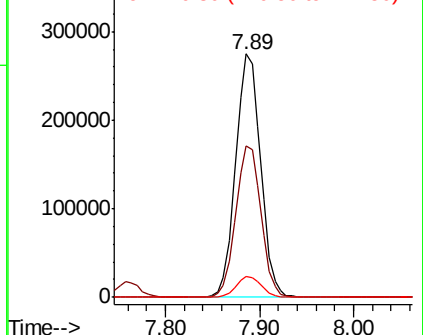
83 100

85 62.3 53.7 80.5

127 8.6 6.4 9.6



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: 52.113 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

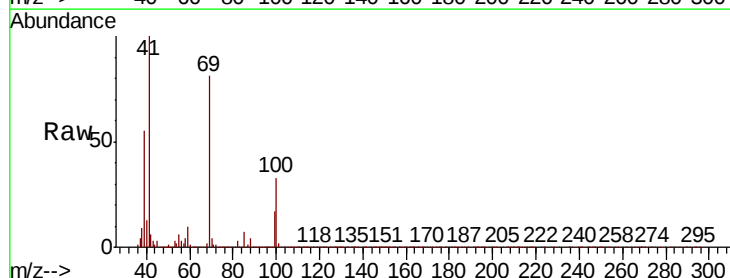
Tgt Ion: 41 Resp: 456053

Ion Ratio Lower Upper

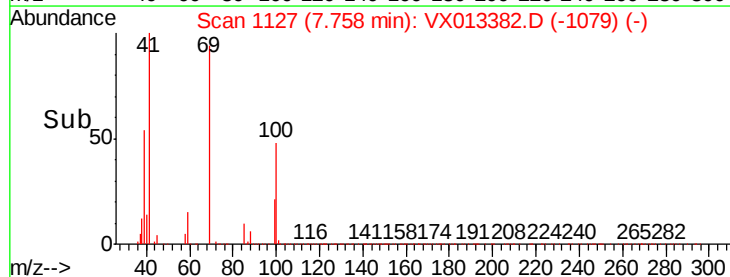
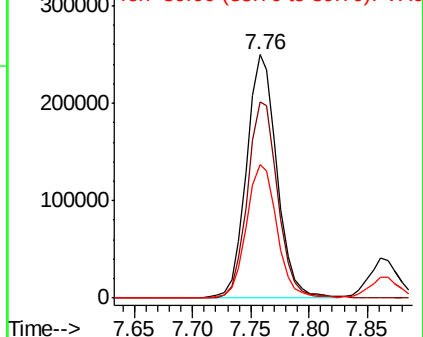
41 100

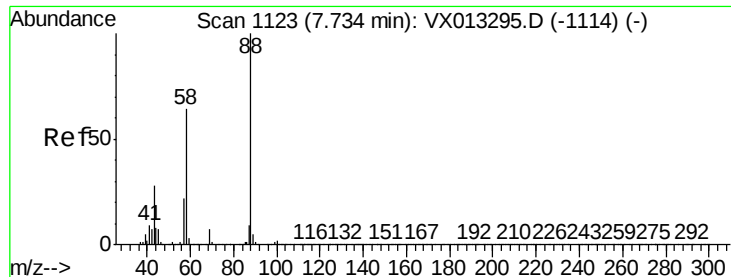
69 80.2 63.0 94.6

39 54.6 45.9 68.9



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: 891.659 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

ClientSampled :

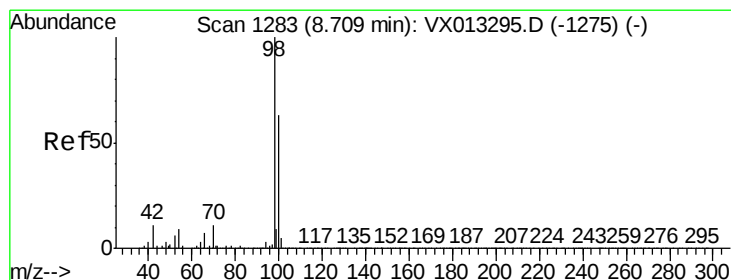
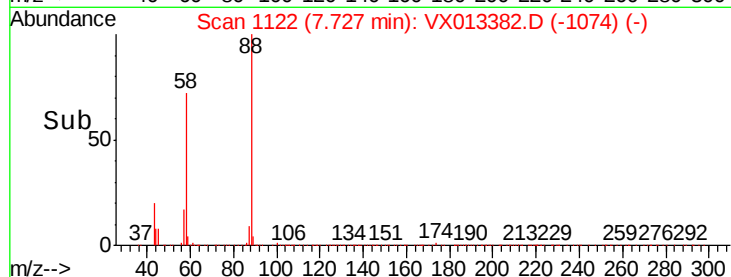
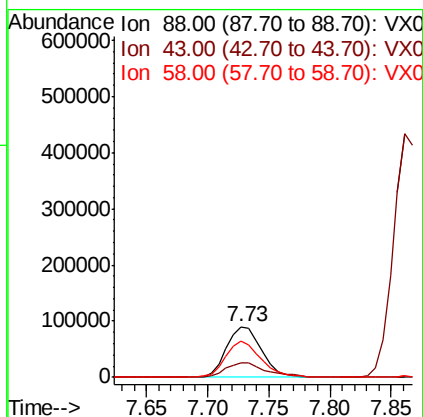
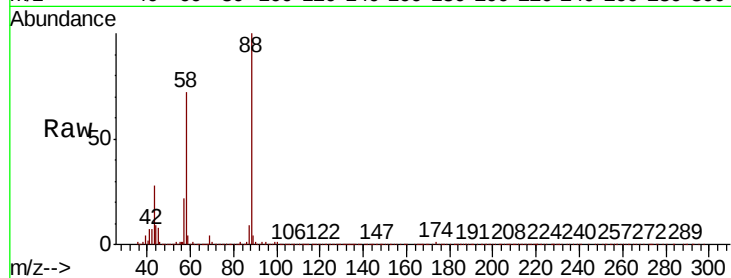
Tot Ion: 88 Resp: 178701

Ion Ratio Lower Upper

88 100

43 33.2 26.6 39.8

58 71.5 55.0 82.6



#50

Toluene-d8

Concen: 49.843 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013382.D

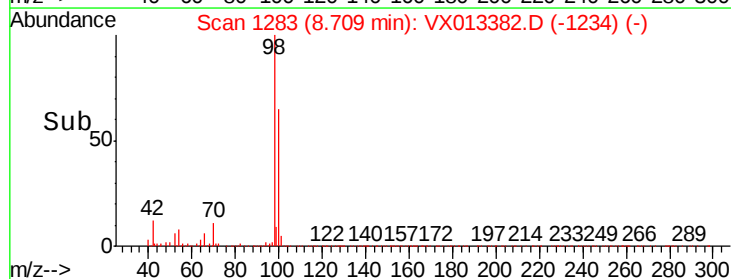
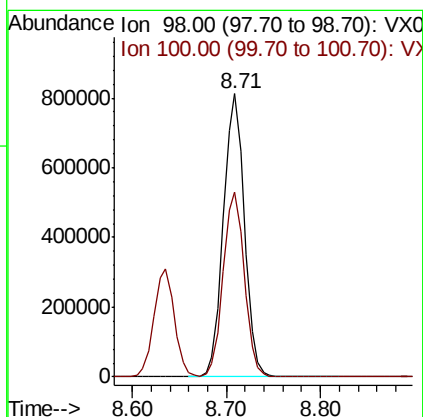
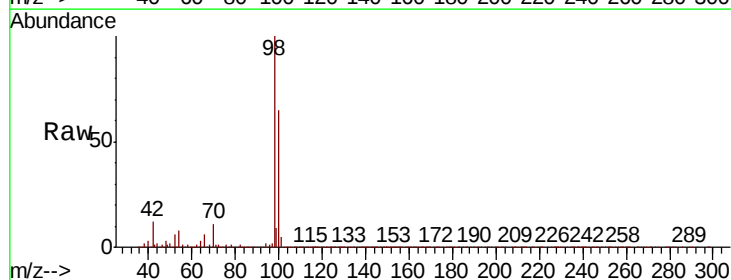
Acq: 12 Nov 2019 13:47

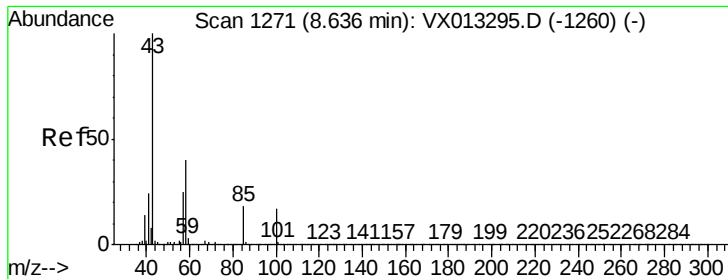
Tgt Ion: 98 Resp: 1251705

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 246.879 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

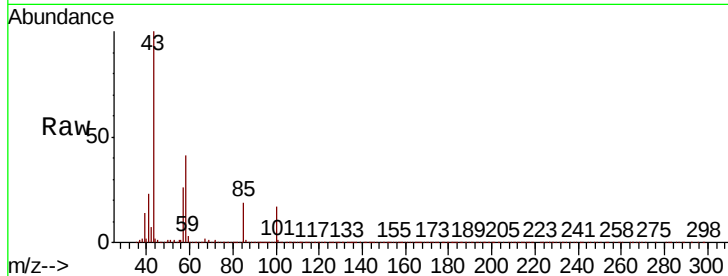
ClientSampleId :

Tot Ion: 43 Resp: 2839637

Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000000

1500000

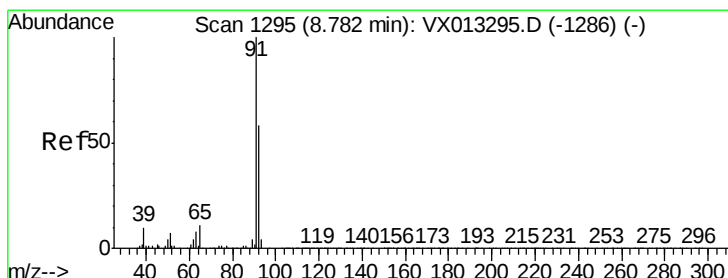
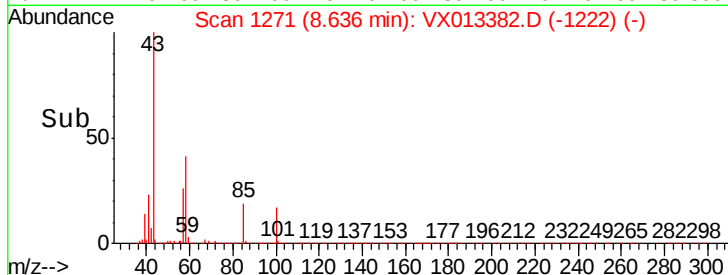
1000000

500000

0

8.50 8.60 8.70

Time-->



#52

Toluene

Concen: 52.542 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013382.D

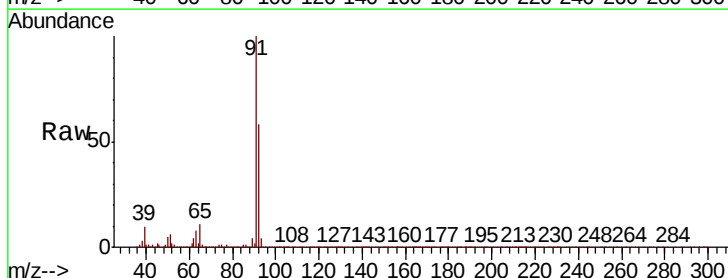
Acq: 12 Nov 2019 13:47

Tgt Ion: 92 Resp: 924236

Ion Ratio Lower Upper

92 100

91 170.3 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1200000

1000000

800000

600000

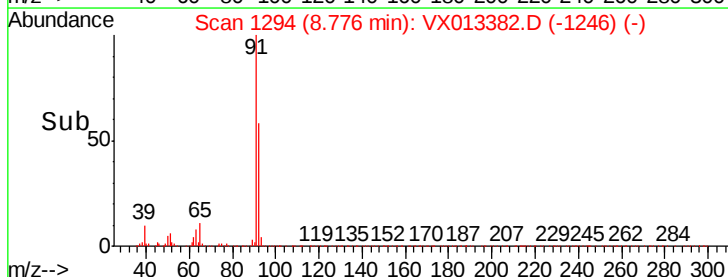
400000

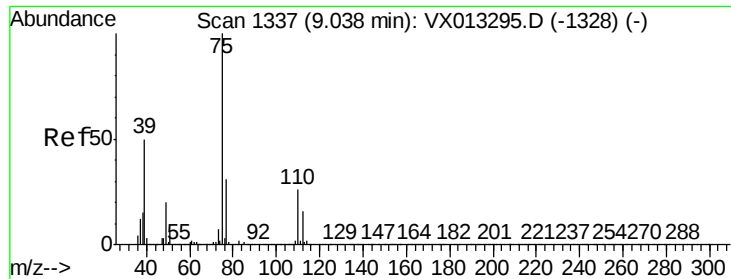
200000

0

8.60 8.70 8.80 8.90

Time-->

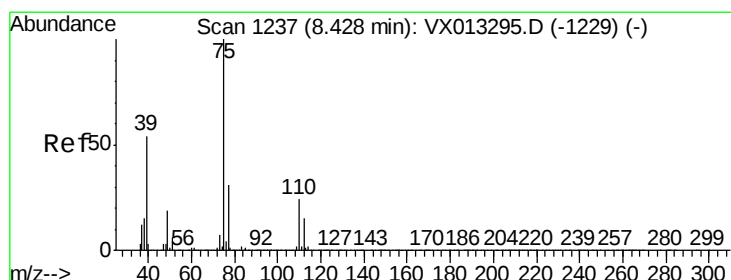
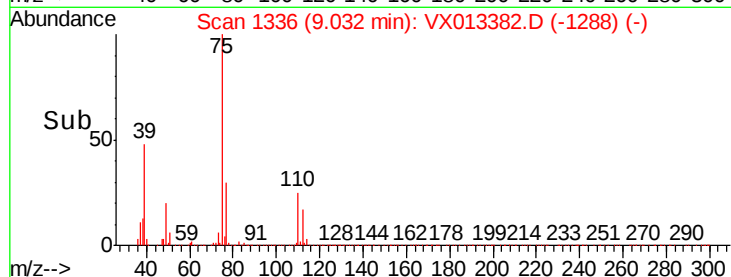
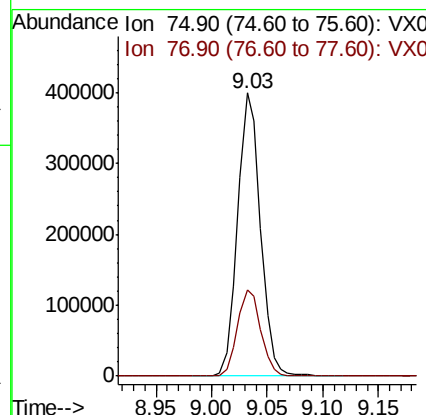
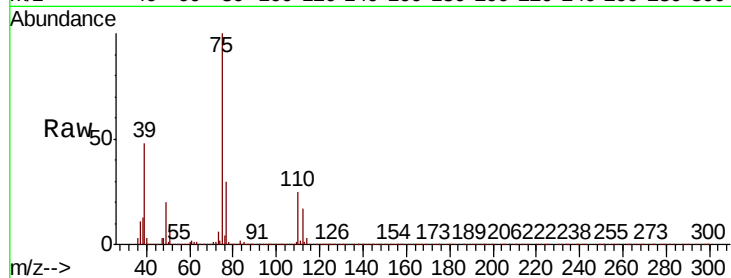




#53
t-1,3-Dichloropropene
Concen: 55.666 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

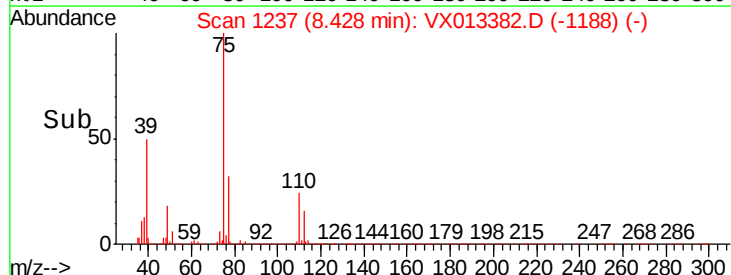
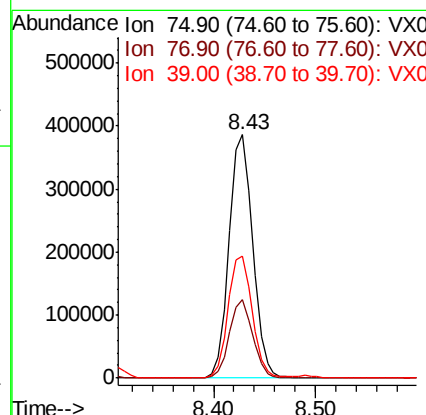
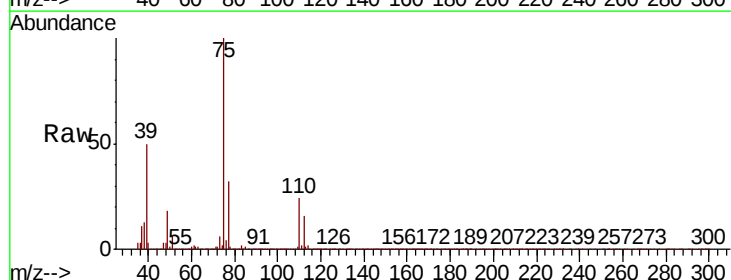
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 566730
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 54.539 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion: 75 Resp: 621119
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1
39 50.0 43.0 64.6

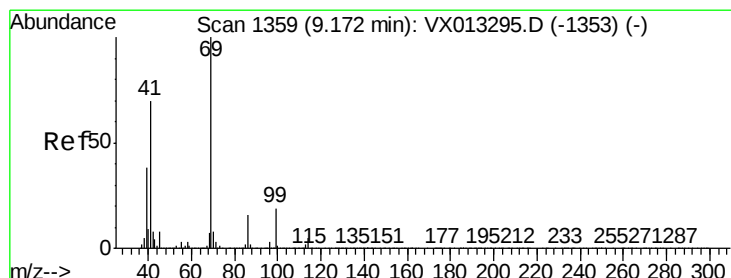
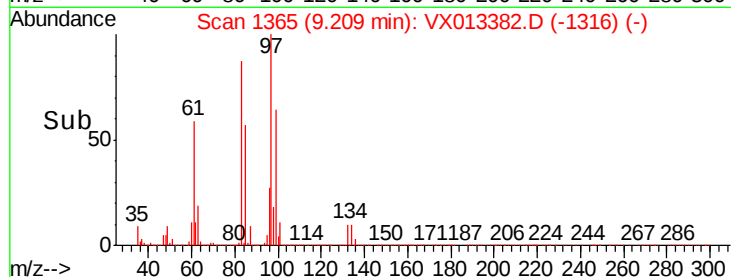
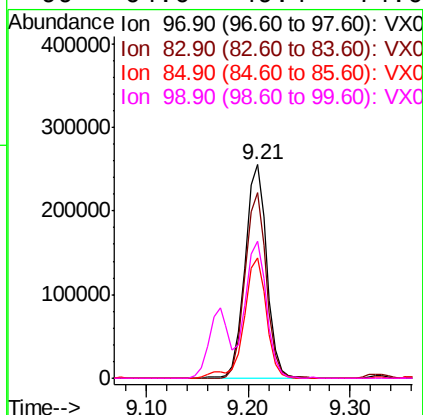
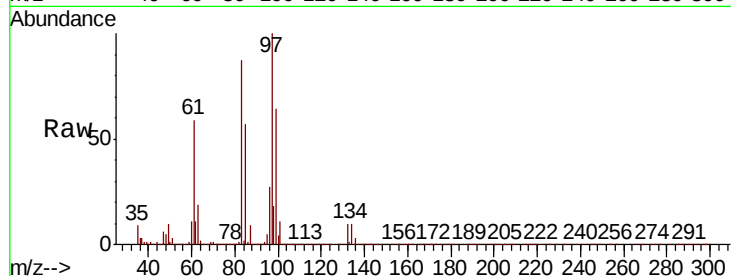




#55
 1,1,2-Trichloroethane
 Concen: 51.566 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013382.D
 Acq: 12 Nov 2019 13:47

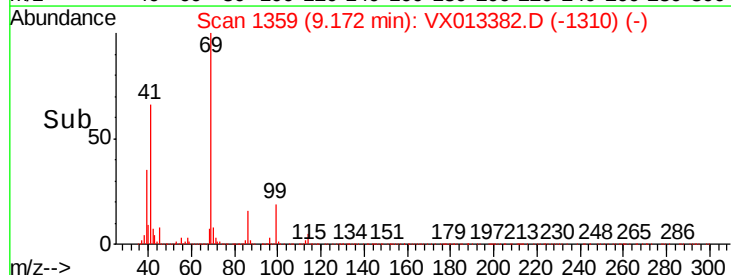
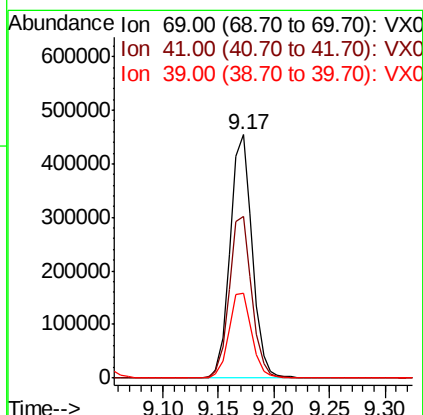
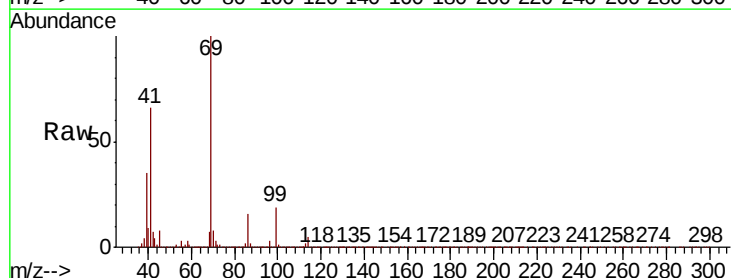
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	375971
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.6	103.0
85	56.5	43.1	64.7
99	64.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 49.920 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013382.D
 Acq: 12 Nov 2019 13:47

Tgt Ion:	69	Resp:	621347
Ion	Ratio	Lower	Upper
69	100		
41	67.4	56.2	84.2
39	36.1	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.877 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

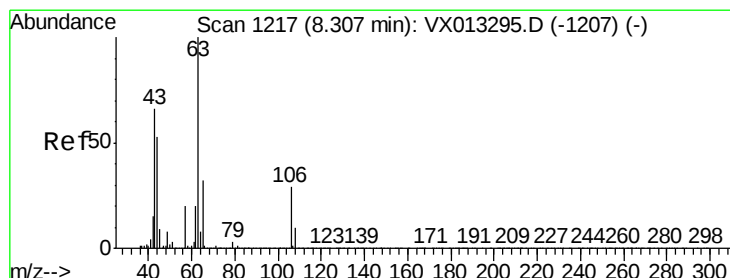
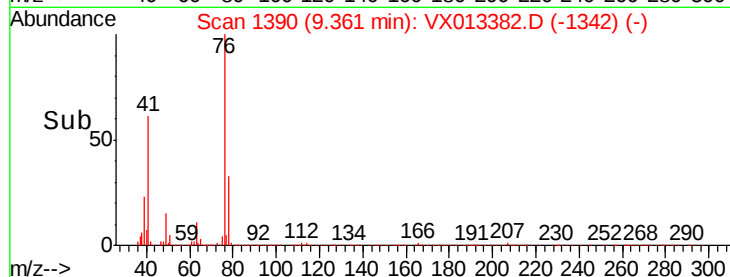
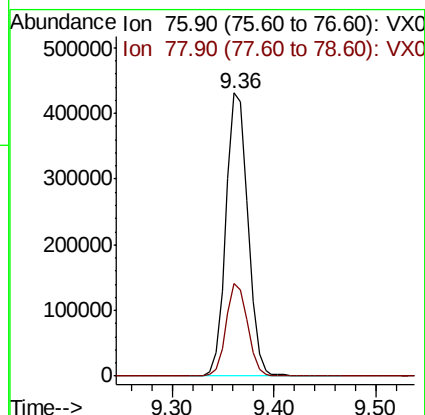
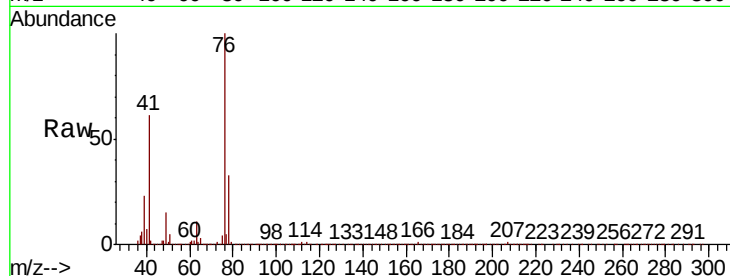
ClientSampleId :

Tot Ion: 76 Resp: 642079

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 254.990 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013382.D

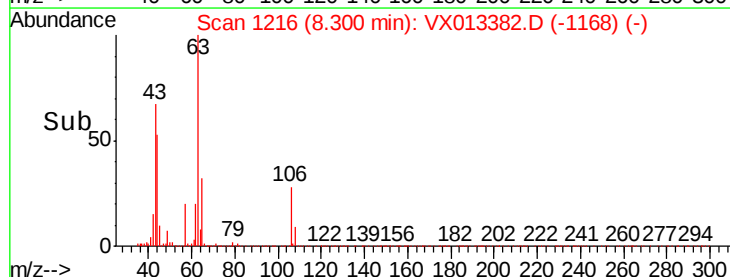
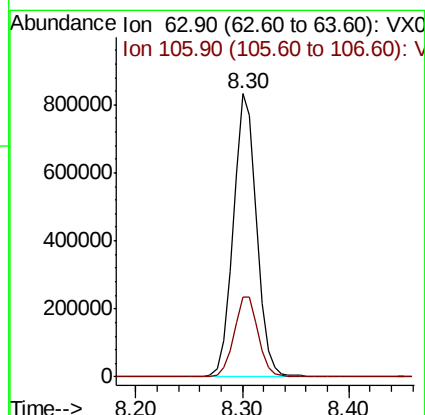
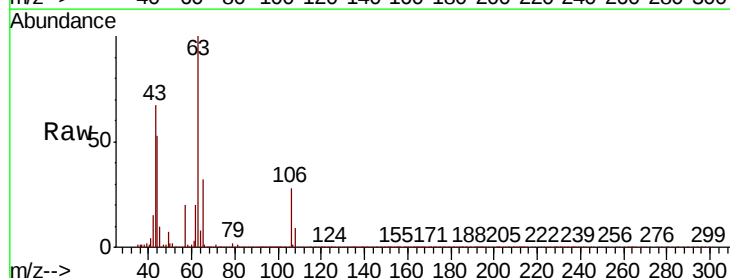
Acq: 12 Nov 2019 13:47

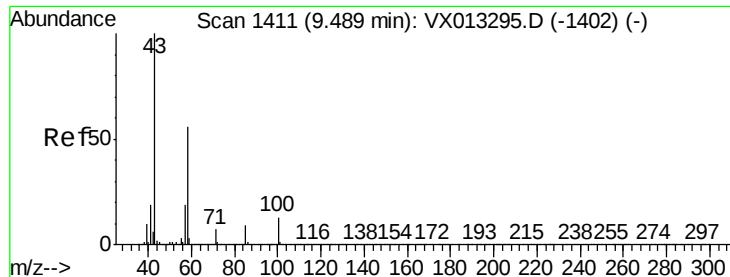
Tgt Ion: 63 Resp: 1271200

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2

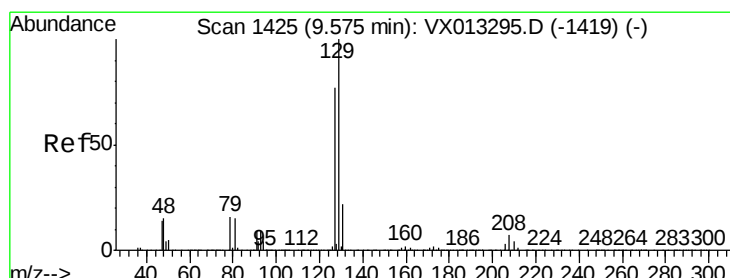
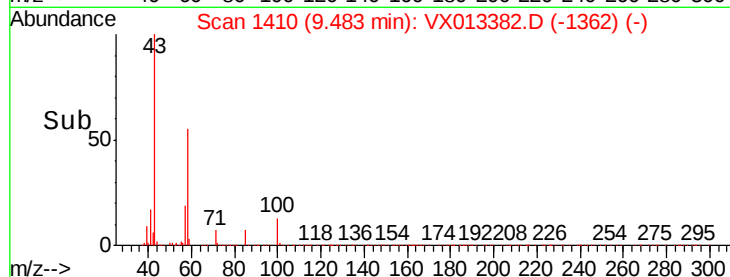
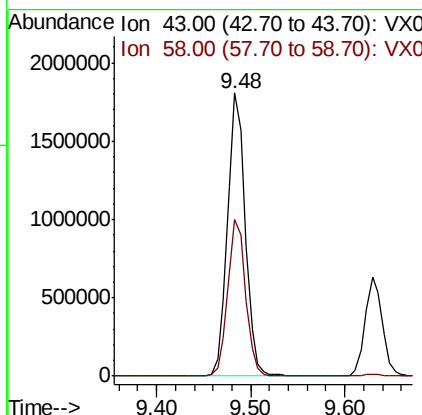
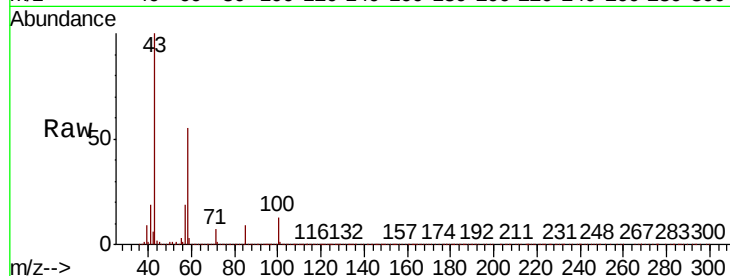




#59
2-Hexanone
Concen: 266.327 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

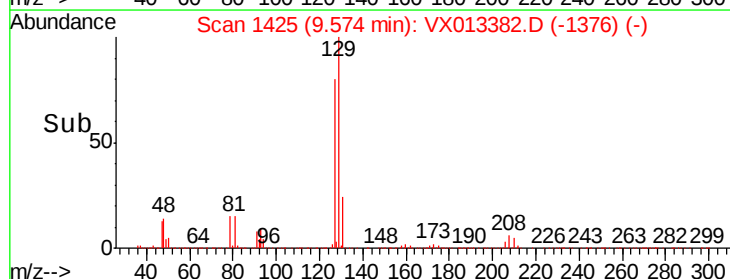
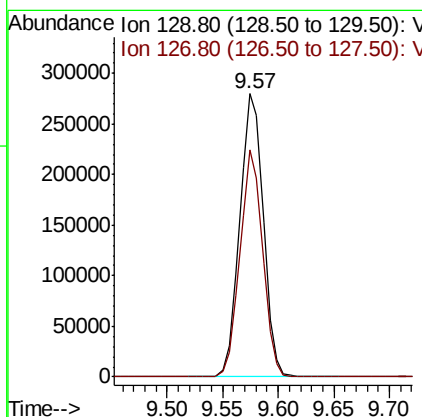
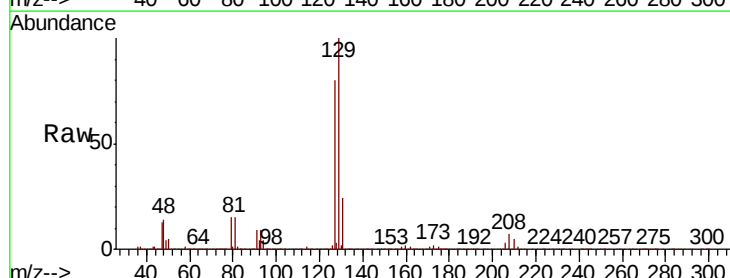
Instrument :
MSVOA_X
ClientSampleId :

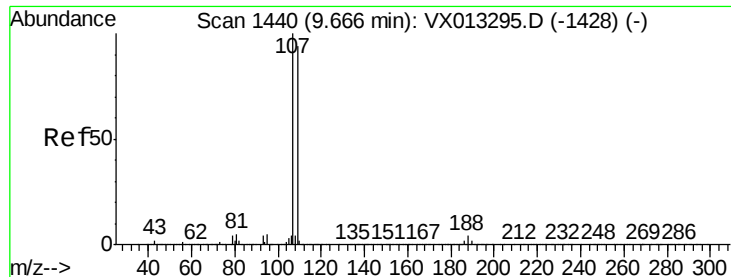
Tot Ion: 43 Resp: 2367271
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 54.720 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion: 129 Resp: 408039
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.240 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

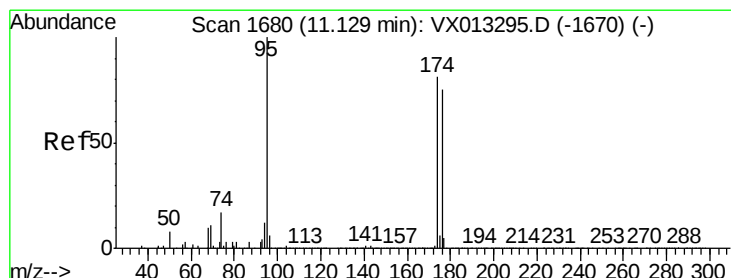
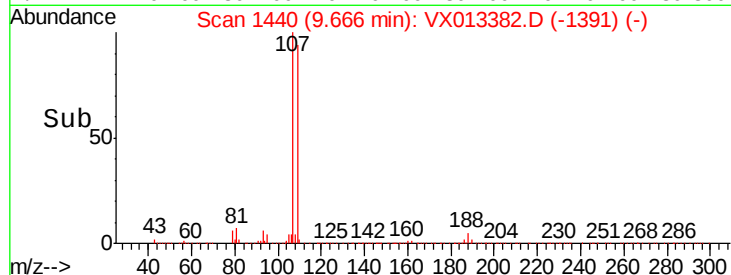
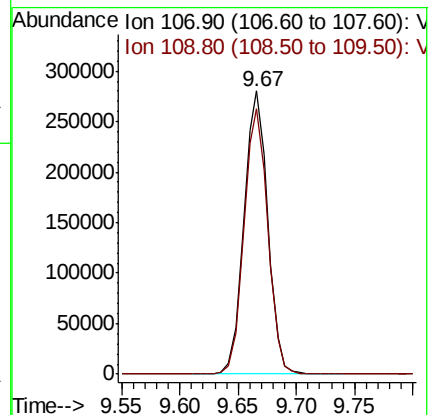
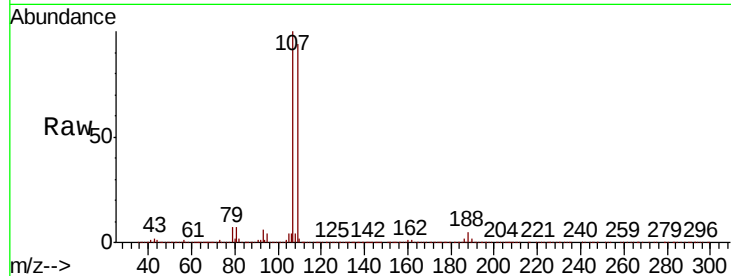
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 396713

Ion Ratio Lower Upper

107 100

109 94.5 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 49.873 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

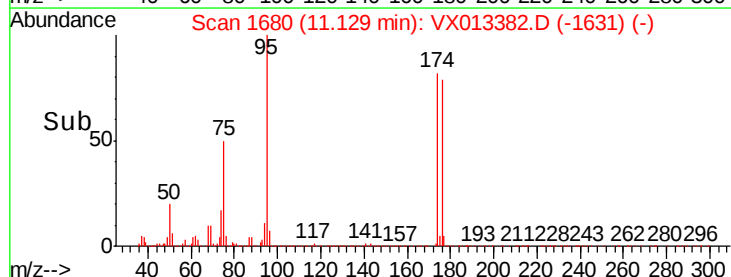
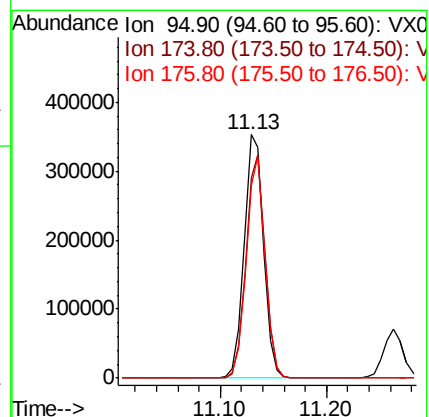
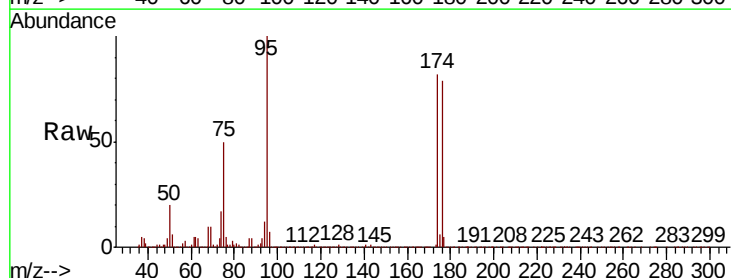
Tgt Ion: 95 Resp: 452016

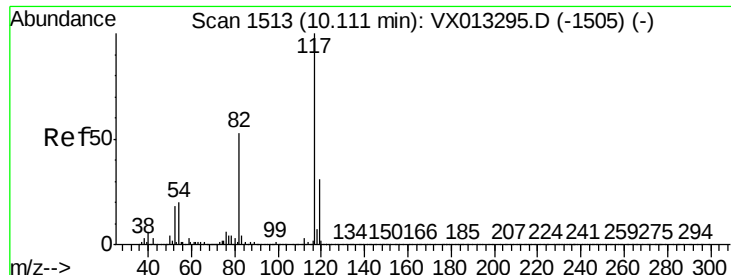
Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

176 87.8 0.0 173.0

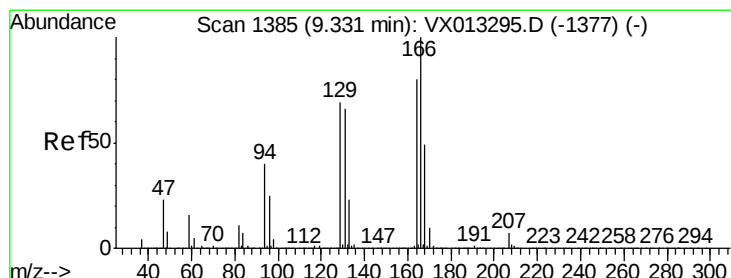
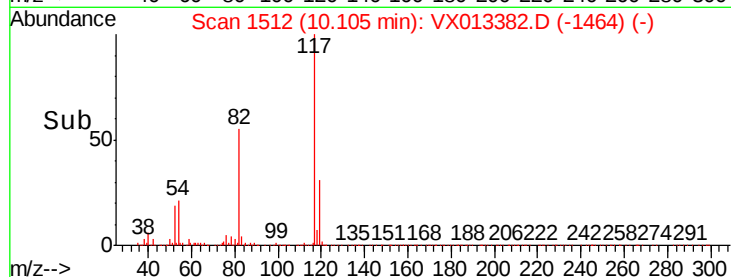
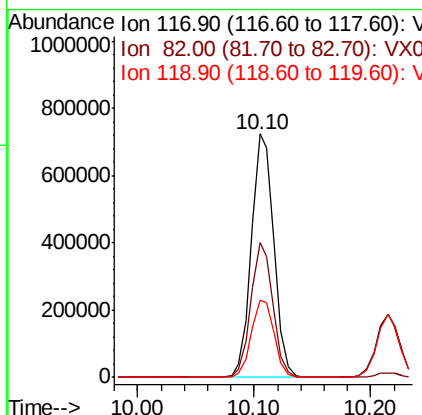
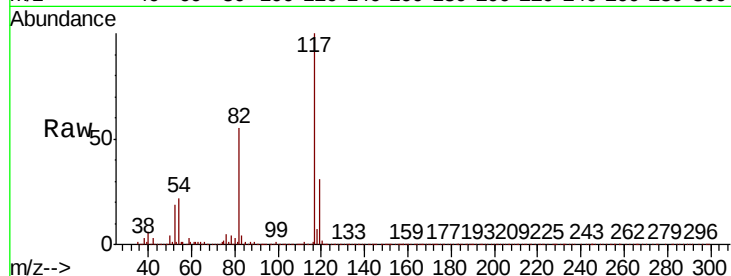




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

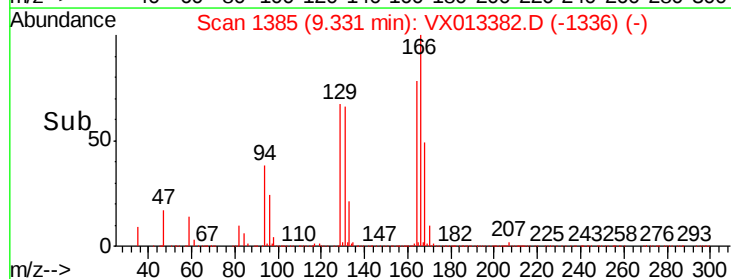
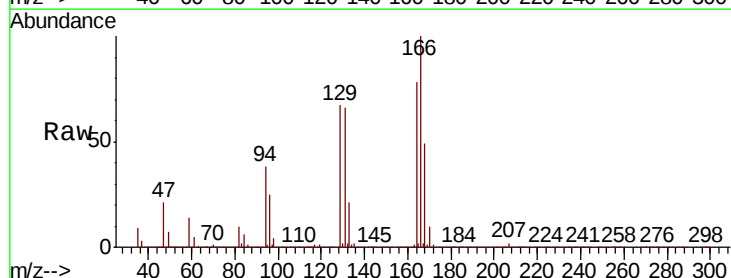
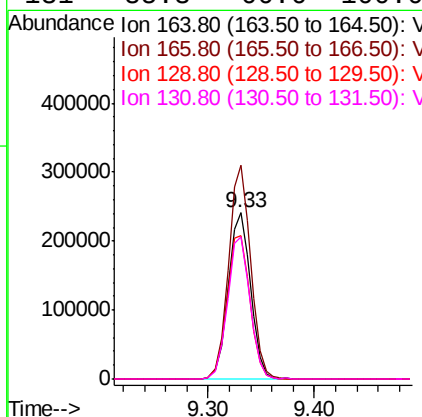
Instrument :
MSVOA_X
ClientSampleId :

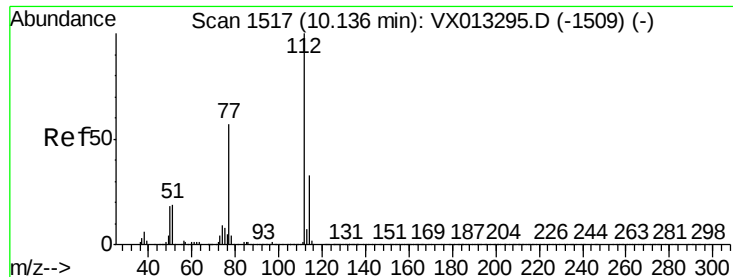
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.6	64.0
119	31.4	24.8	37.2



#64
Tetrachloroethene
Concen: 51.243 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	100.4	150.6
129	86.6	69.4	104.2
131	85.3	66.6	100.0





#65

Chlorobenzene

Concen: 50.819 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

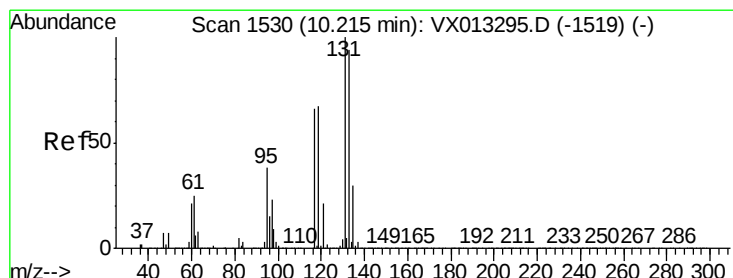
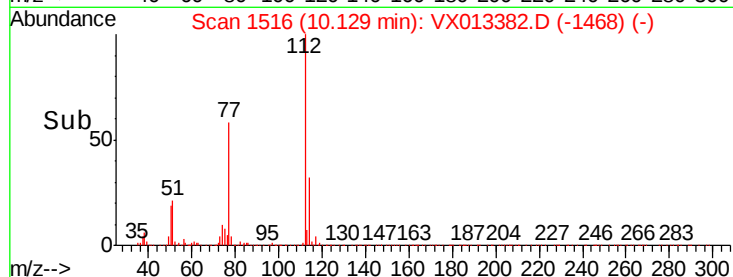
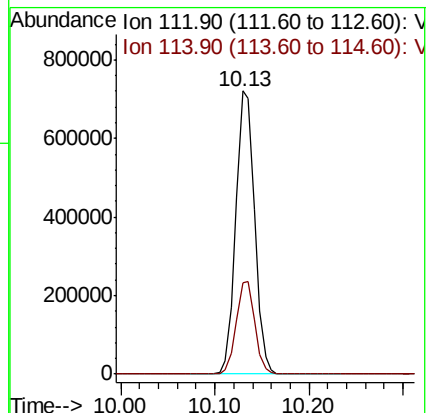
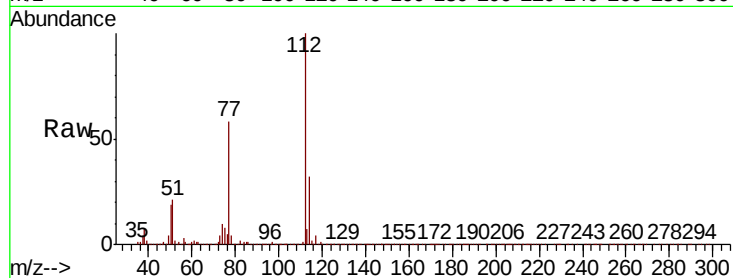
ClientSampleId :

Tot Ion:112 Resp: 998311

Ion Ratio Lower Upper

112 100

114 32.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.987 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

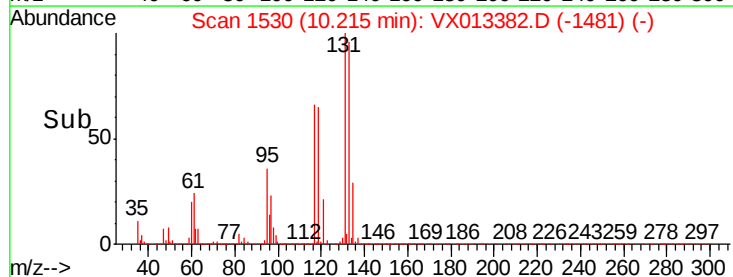
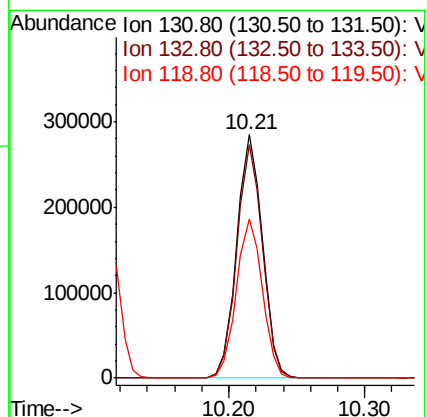
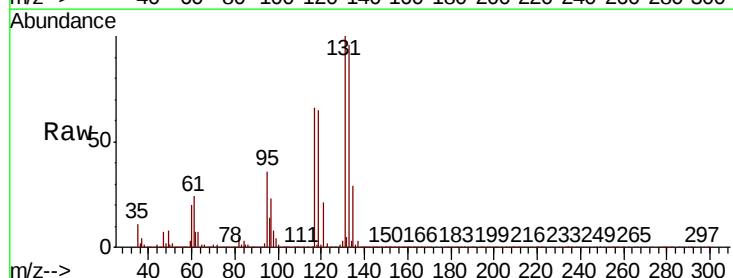
Tgt Ion:131 Resp: 374977

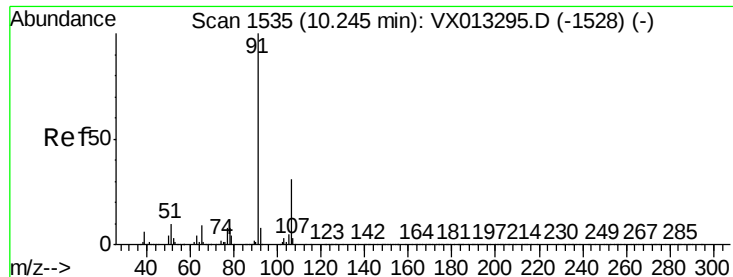
Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.0

119 66.1 33.0 99.0





#67

Ethyl Benzene

Concen: 52.893 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

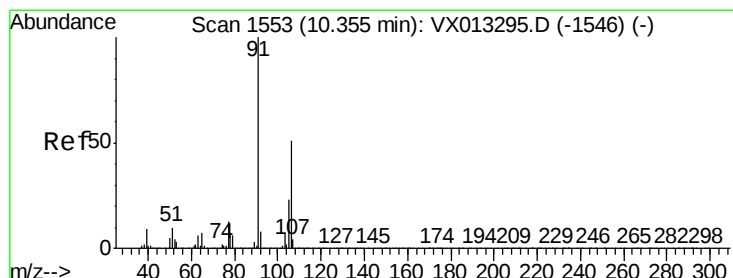
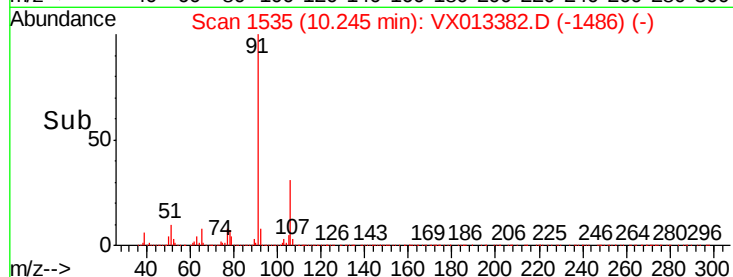
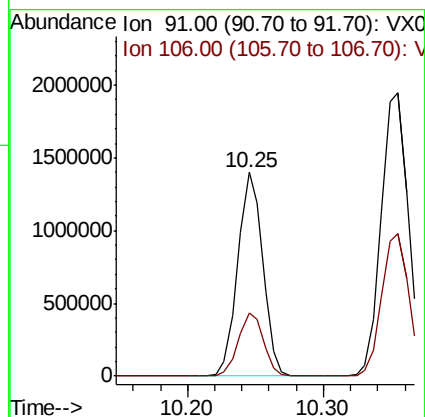
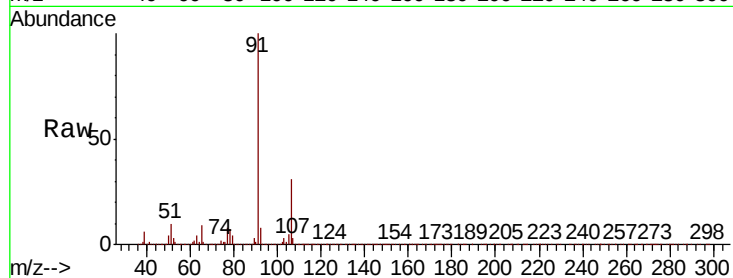
ClientSampled :

Tot Ion: 91 Resp: 1793277

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 106.236 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013382.D

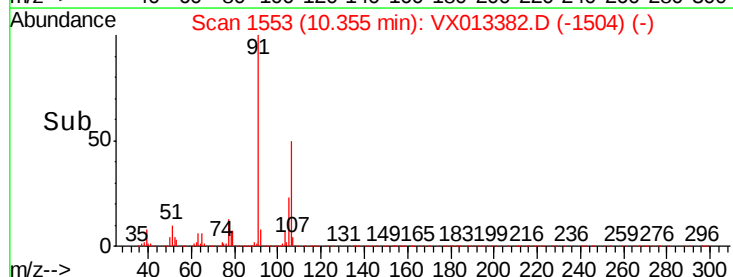
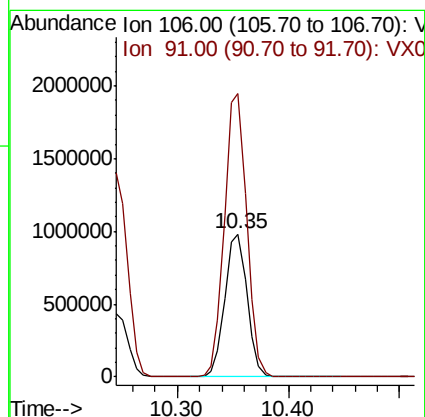
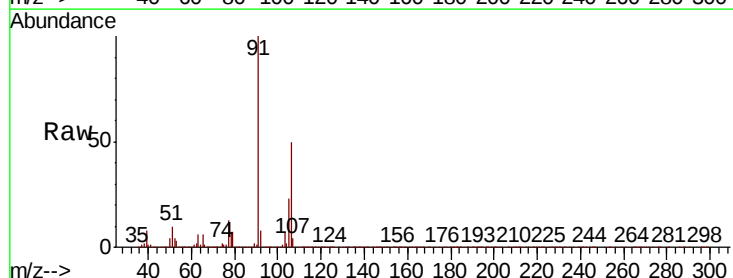
Acq: 12 Nov 2019 13:47

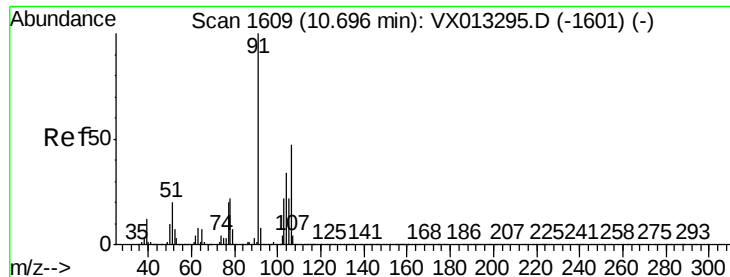
Tgt Ion: 106 Resp: 1362185

Ion Ratio Lower Upper

106 100

91 198.5 159.3 238.9

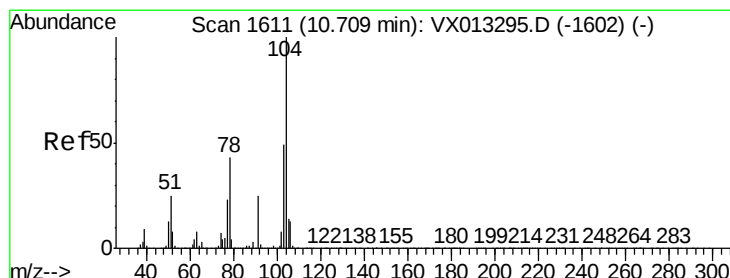
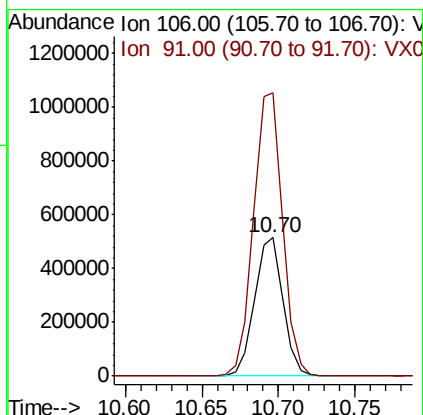
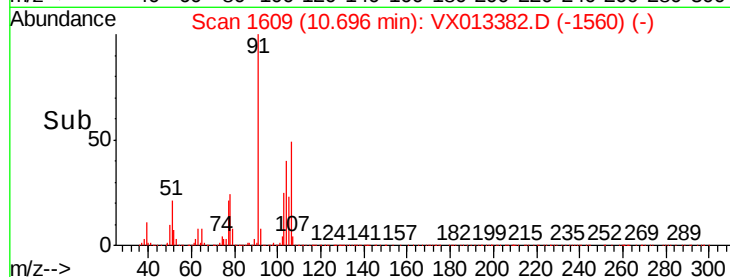
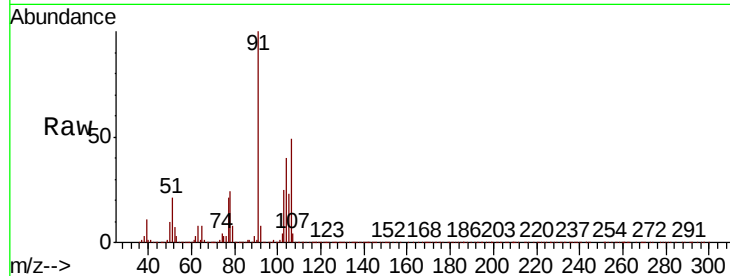




#69
o-Xylene
Concen: 53.049 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

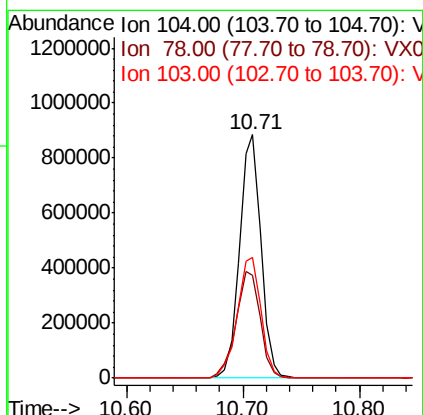
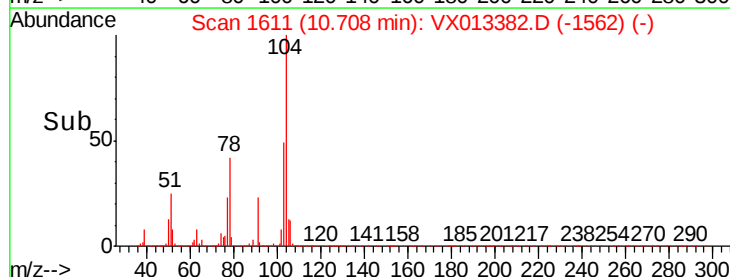
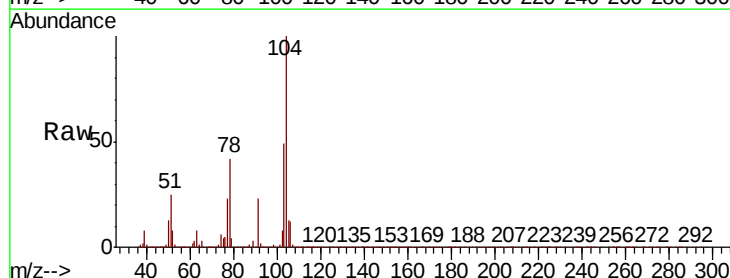
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 665941
Ion Ratio Lower Upper
106 100
91 209.7 105.7 317.0



#70
Styrene
Concen: 54.174 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion:104 Resp: 1136823
Ion Ratio Lower Upper
104 100
78 49.2 40.0 60.0
103 54.8 44.1 66.1

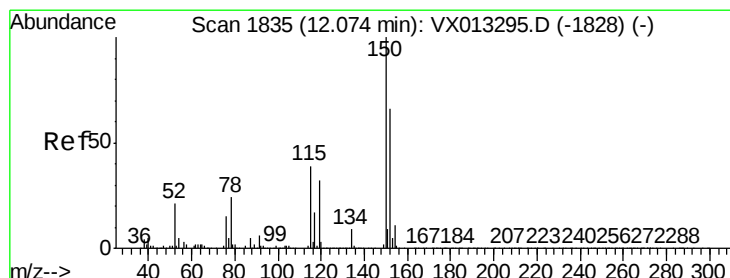
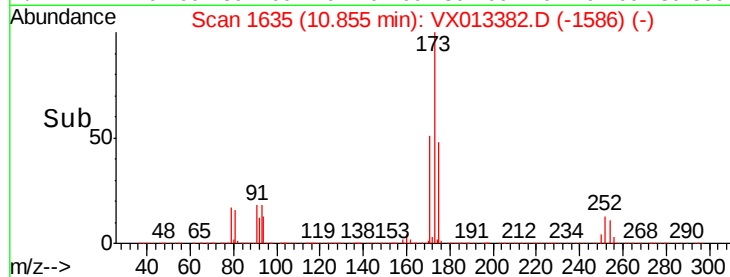
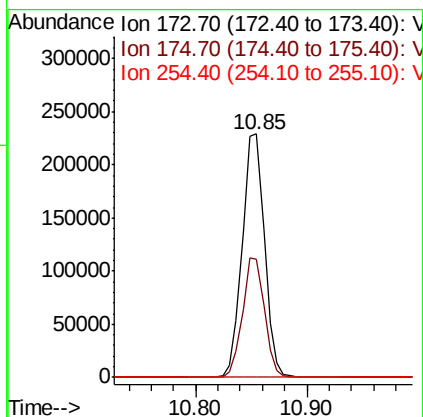
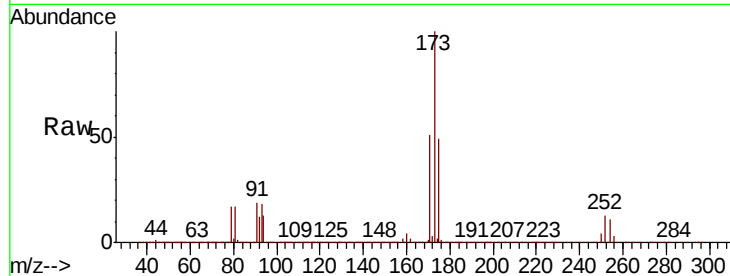




#71
Bromoform
Concen: 47.794 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

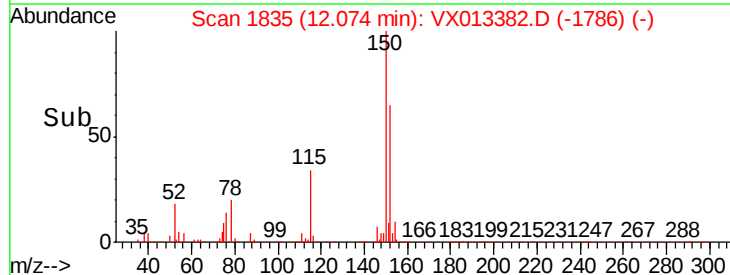
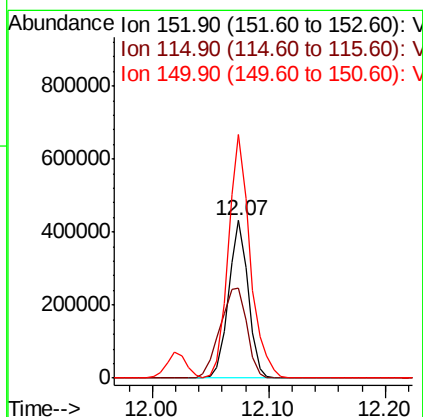
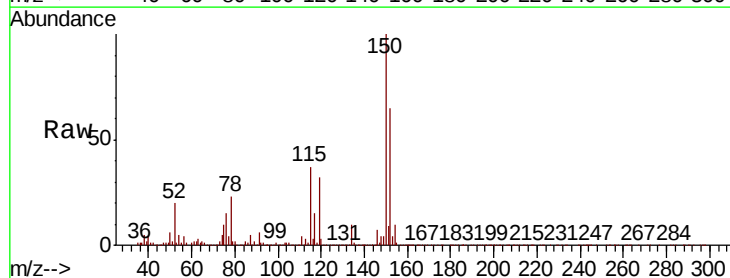
Instrument :
MSVOA_X
ClientSampleId :

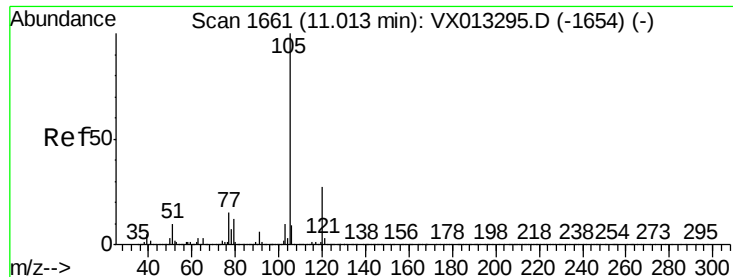
Tot Ion:173 Resp: 318629
Ion Ratio Lower Upper
173 100
175 48.5 24.8 74.4
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion:152 Resp: 500535
Ion Ratio Lower Upper
152 100
115 78.7 39.5 118.3
150 172.4 0.0 344.4





#73

Isopropylbenzene

Concen: 53.000 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

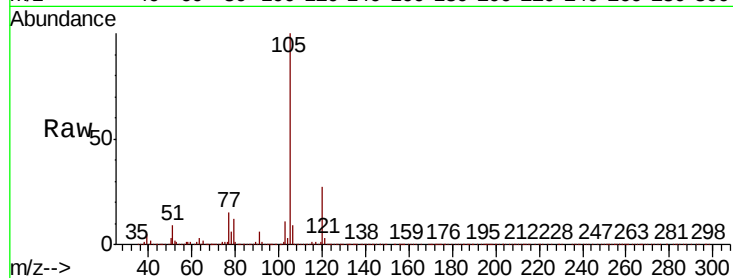
ClientSampleId :

Tot Ion:105 Resp: 1758876

Ion Ratio Lower Upper

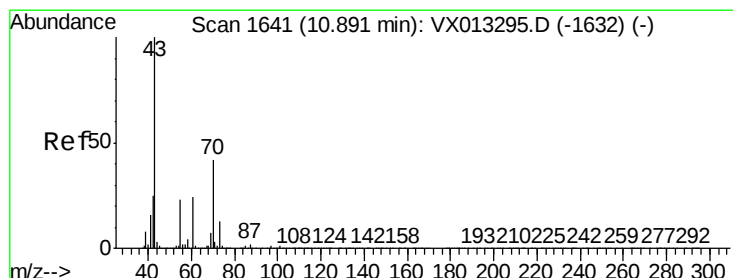
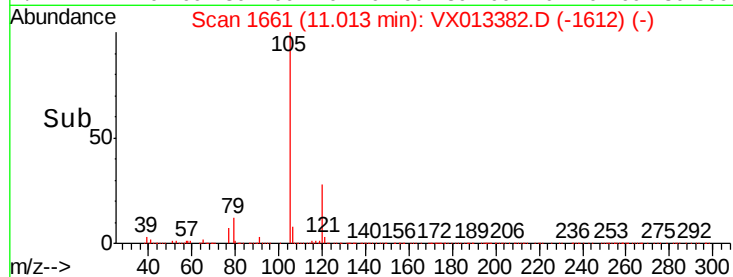
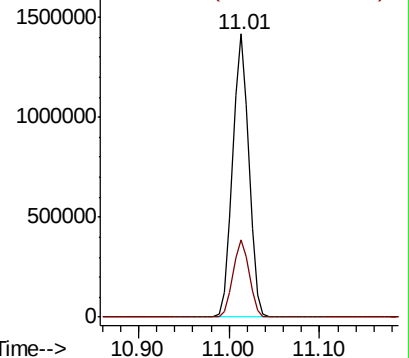
105 100

120 27.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.089 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Tgt Ion: 43 Resp: 816991

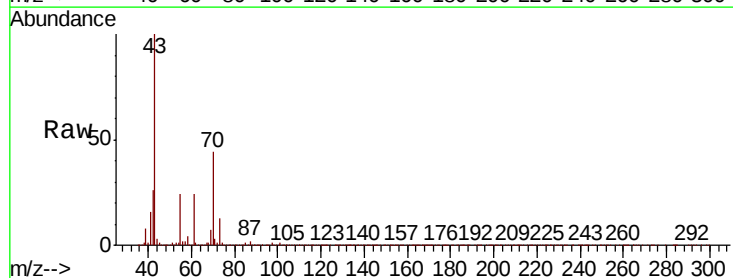
Ion Ratio Lower Upper

43 100

70 43.3 34.1 51.1

55 23.9 18.9 28.3

61 24.7 19.2 28.8

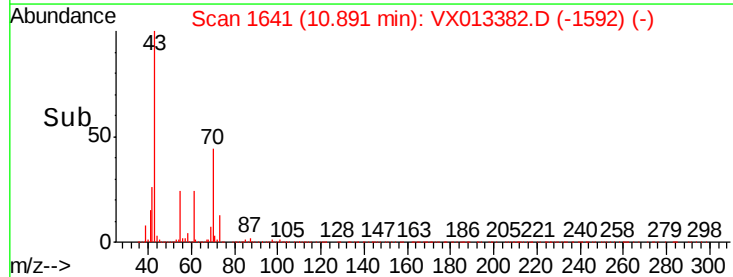
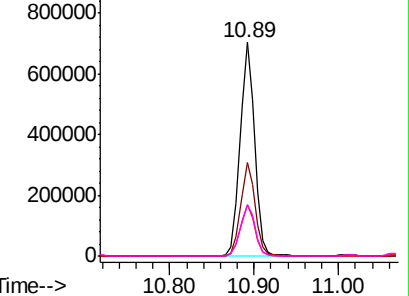


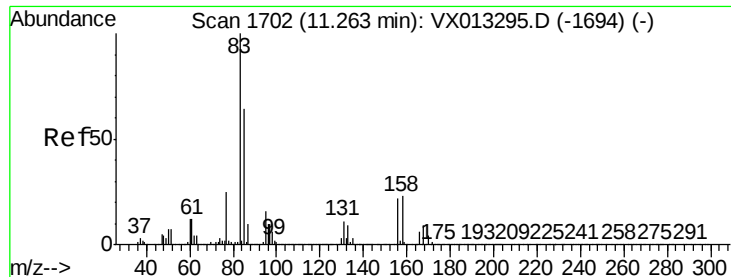
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.759 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

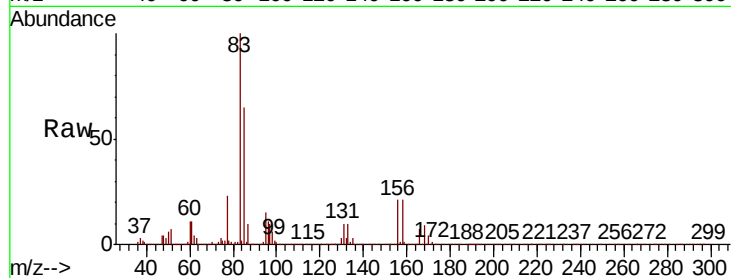
Tot Ion: 83 Resp: 602422

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

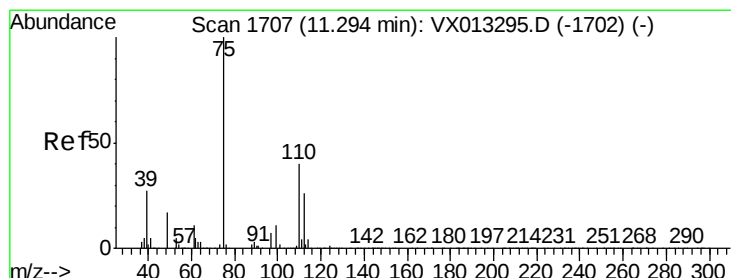
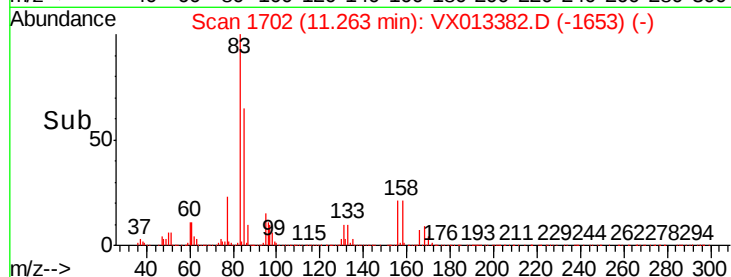
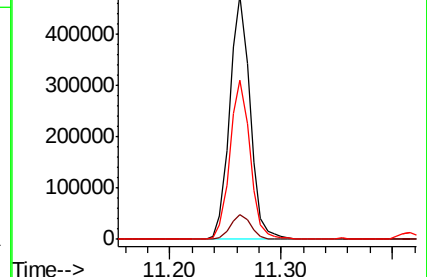
85 65.0 32.3 96.8



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: 68.632 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013382.D

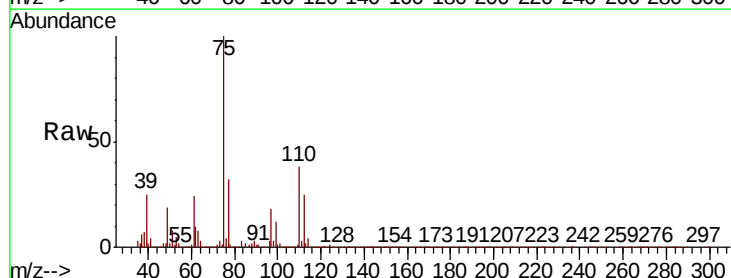
Acq: 12 Nov 2019 13:47

Tgt Ion: 75 Resp: 697753

Ion Ratio Lower Upper

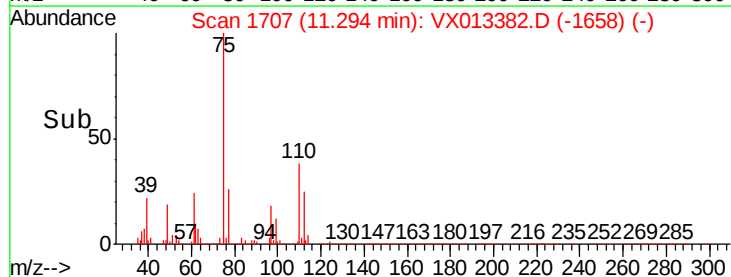
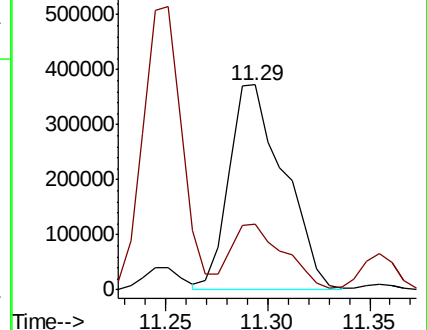
75 100

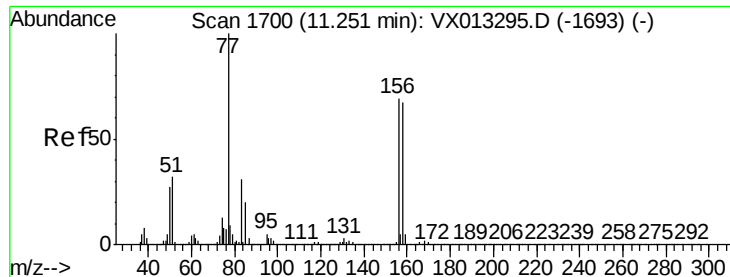
77 30.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.449 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

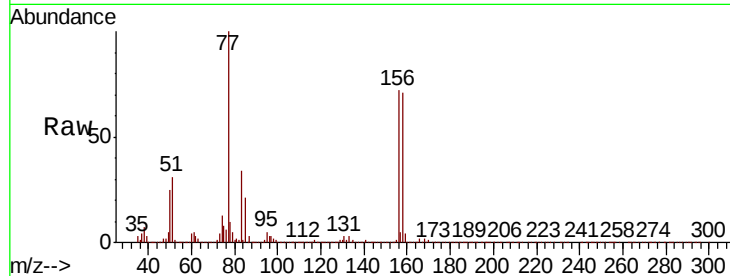
Tot Ion:156 Resp: 455172

Ion Ratio Lower Upper

156 100

77 151.1 75.8 227.4

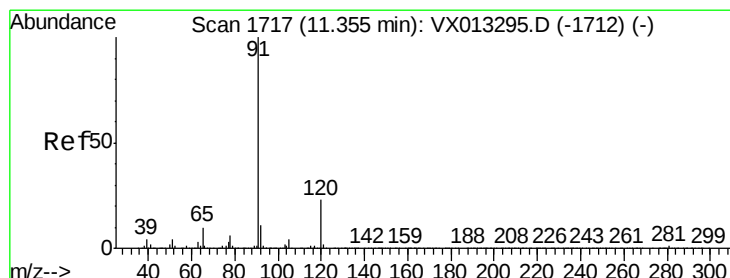
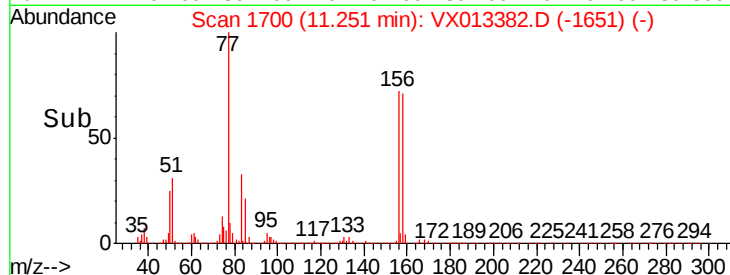
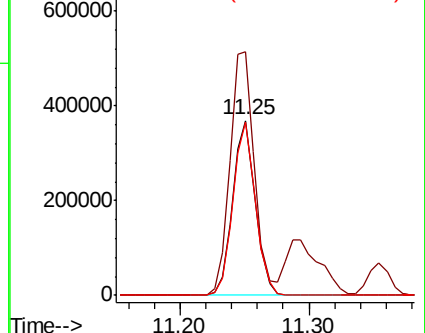
158 98.6 47.6 142.8



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: 54.537 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013382.D

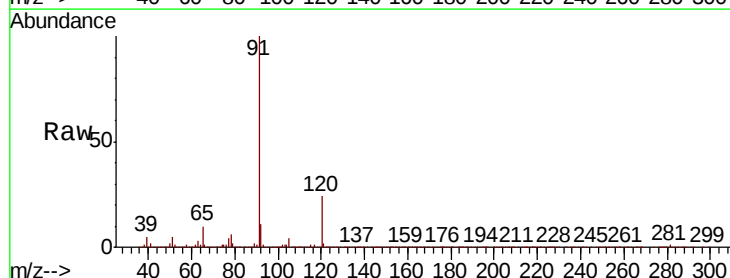
Acq: 12 Nov 2019 13:47

Tgt Ion: 91 Resp: 2016108

Ion Ratio Lower Upper

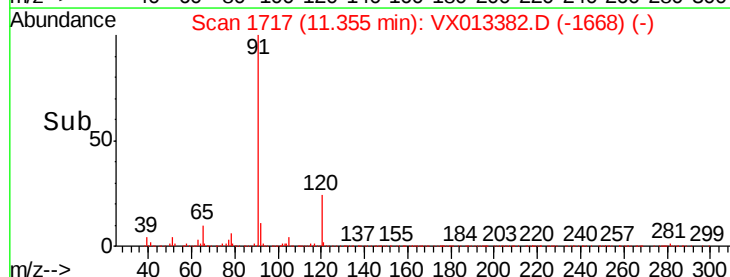
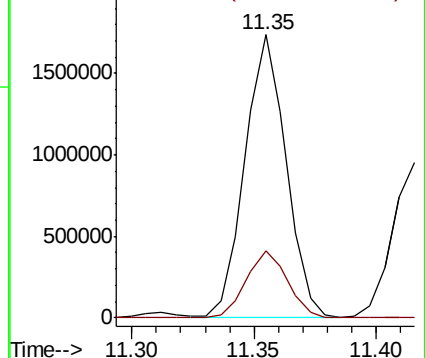
91 100

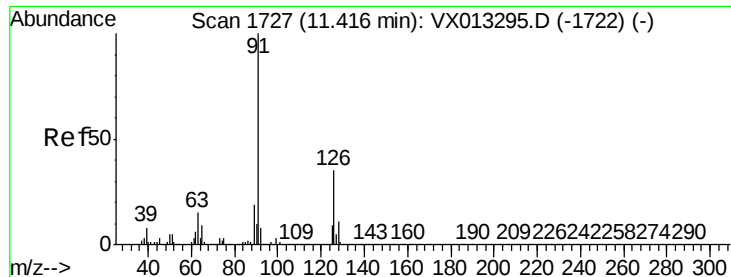
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.674 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

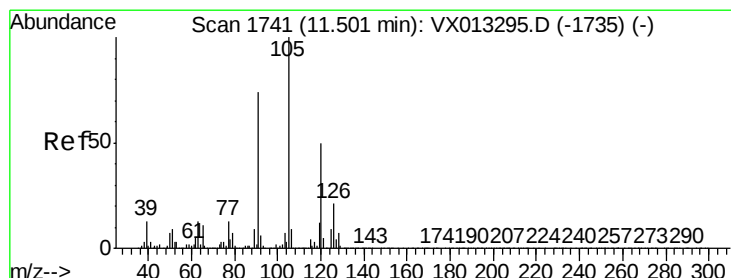
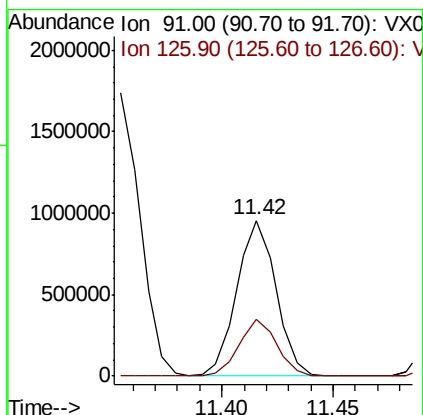
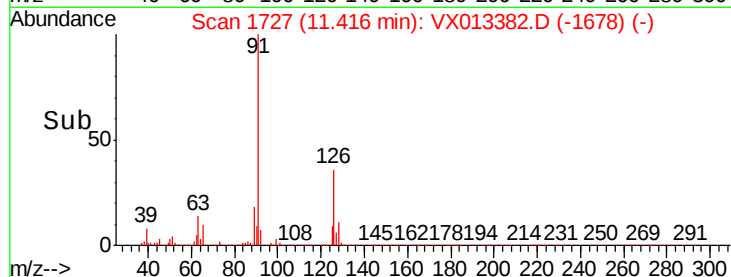
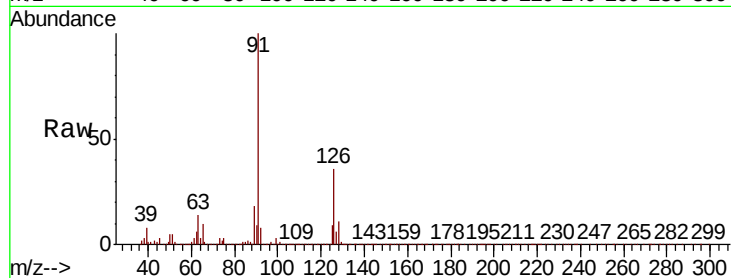
ClientSampleId :

Tot Ion: 91 Resp: 1173191

Ion Ratio Lower Upper

91 100

126 35.3 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 53.964 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013382.D

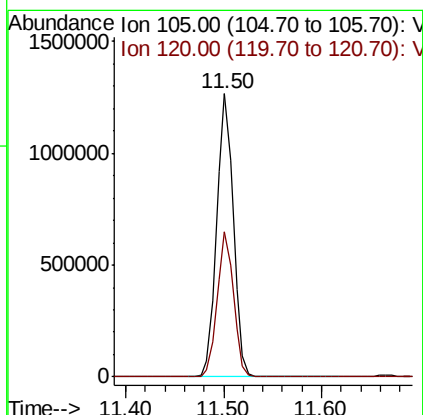
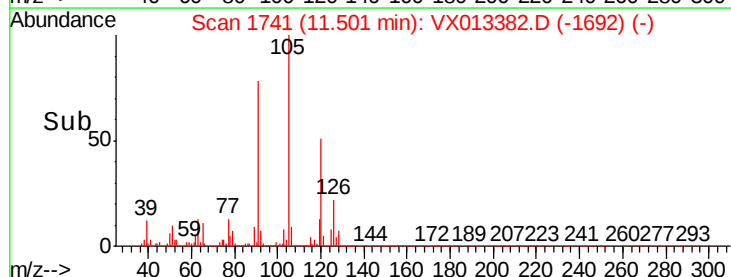
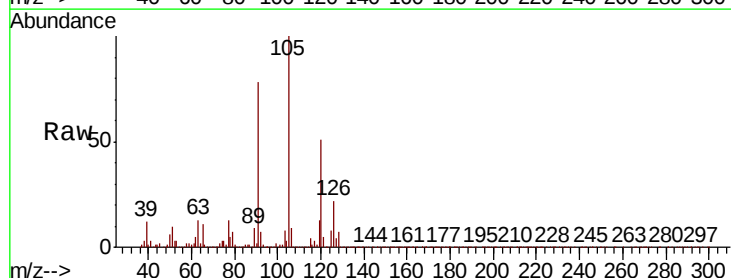
Acq: 12 Nov 2019 13:47

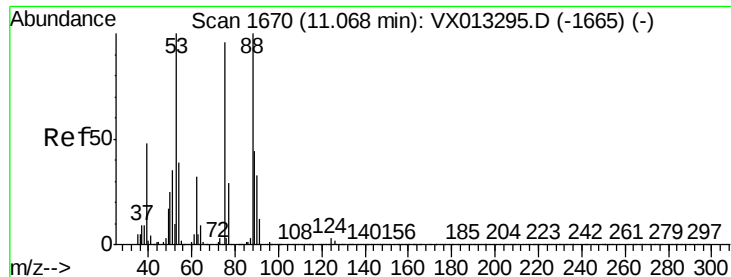
Tgt Ion: 105 Resp: 1491706

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8

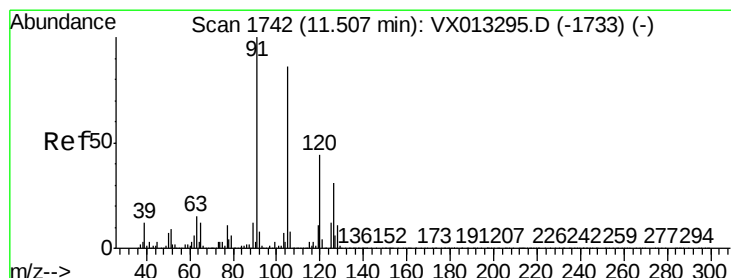
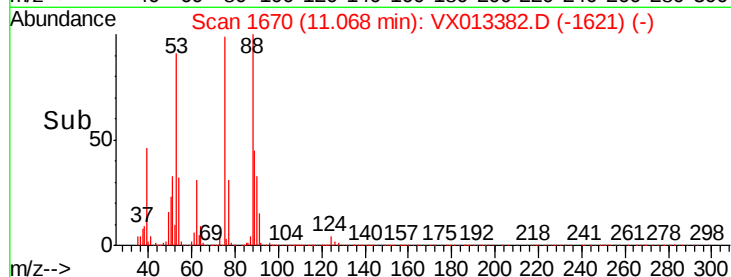
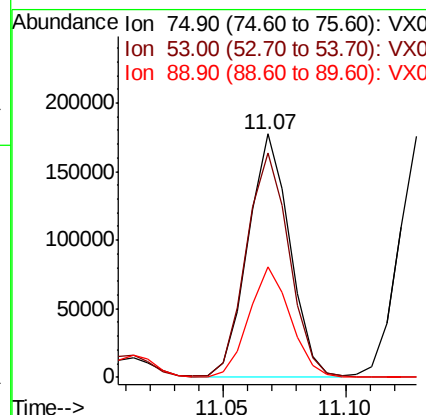
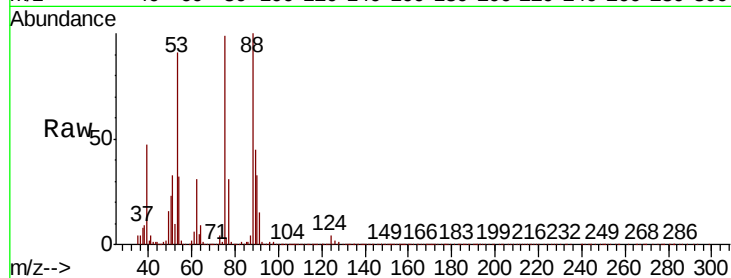




#81
trans-1,4-Dichloro-2-butene
Concen: 53.221 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

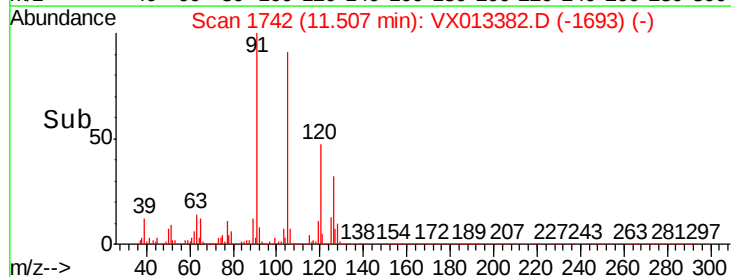
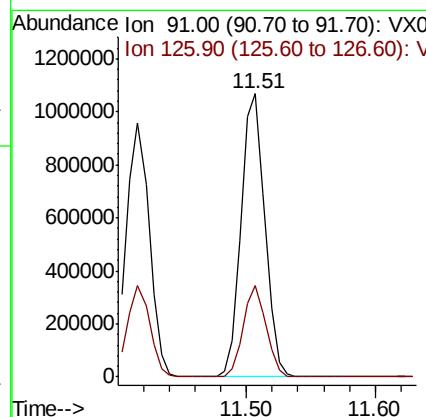
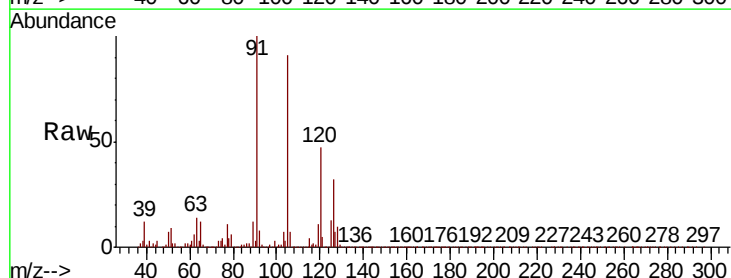
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 210209
Ion Ratio Lower Upper
75 100
53 94.7 81.0 121.6
89 44.8 36.0 54.0



#82
4-Chlorotoluene
Concen: 52.650 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion: 91 Resp: 1372719
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.8





#83

tert-Butylbenzene

Concen: 54.569 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

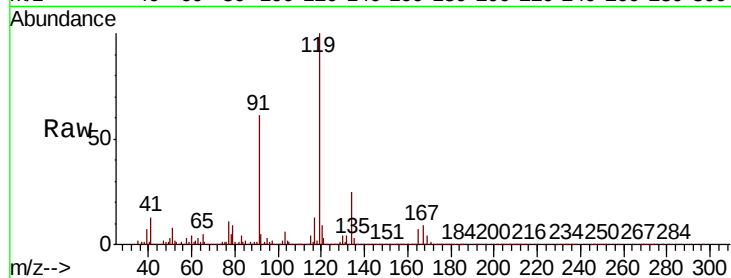
Tot Ion:119 Resp: 1518441

Ion Ratio Lower Upper

119 100

91 54.0 26.9 80.7

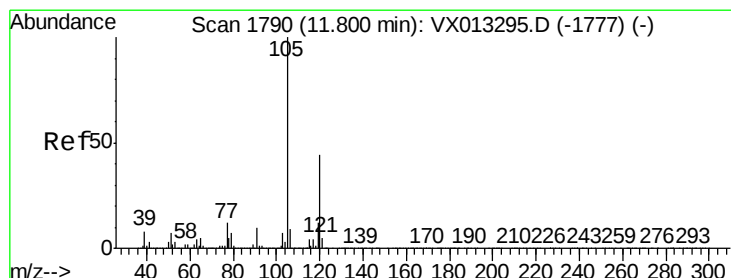
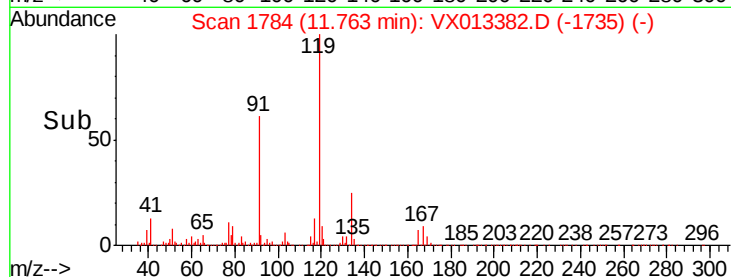
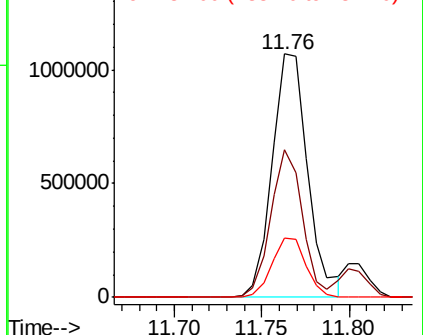
134 23.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.955 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013382.D

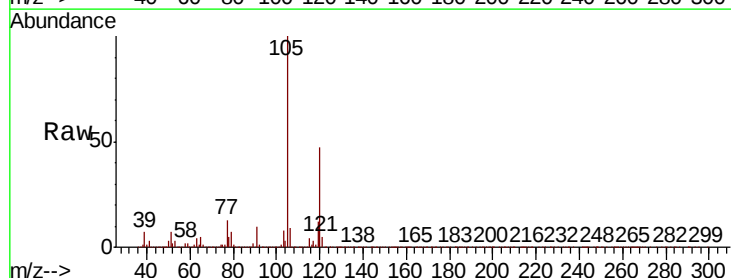
Acq: 12 Nov 2019 13:47

Tgt Ion:105 Resp: 1496128

Ion Ratio Lower Upper

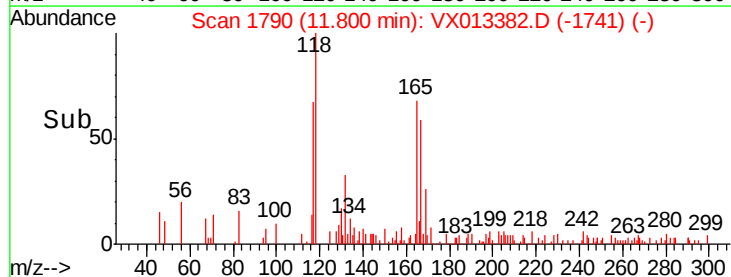
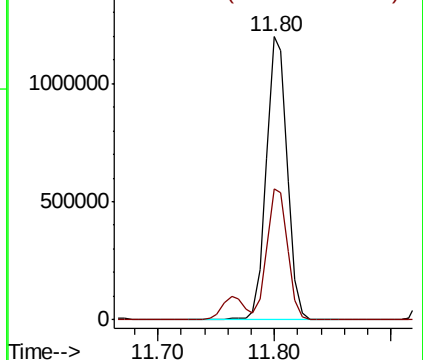
105 100

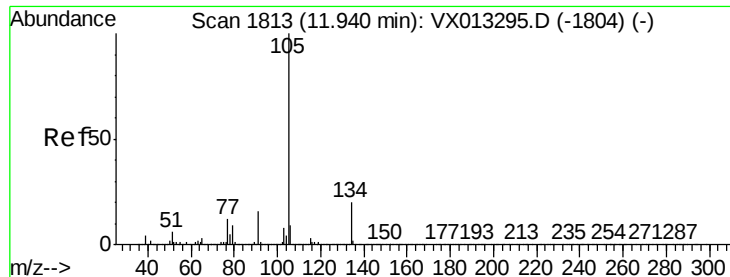
120 45.9 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.801 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

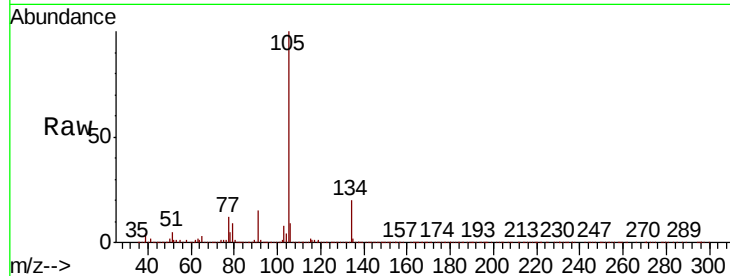
ClientSampleId :

Tot Ion:105 Resp: 1752562

Ion Ratio Lower Upper

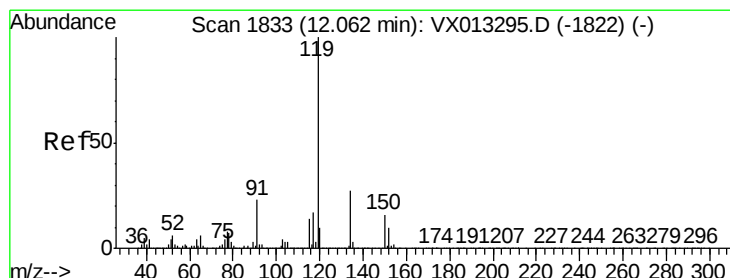
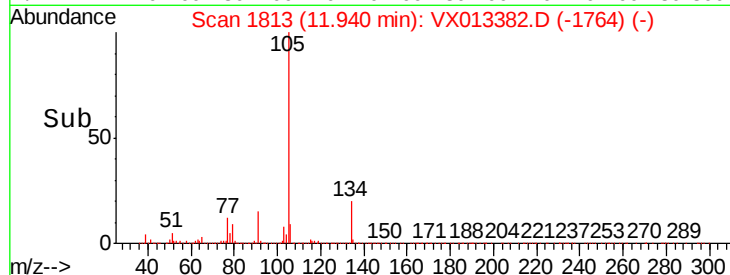
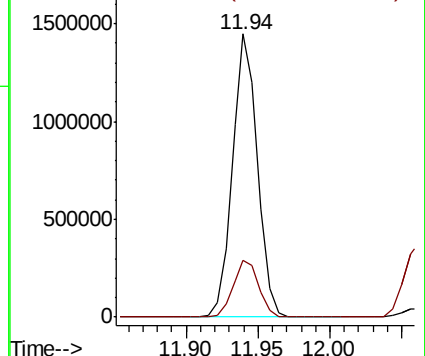
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.956 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

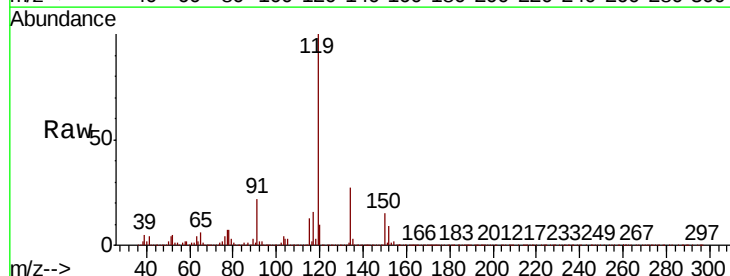
Tgt Ion:119 Resp: 1618359

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

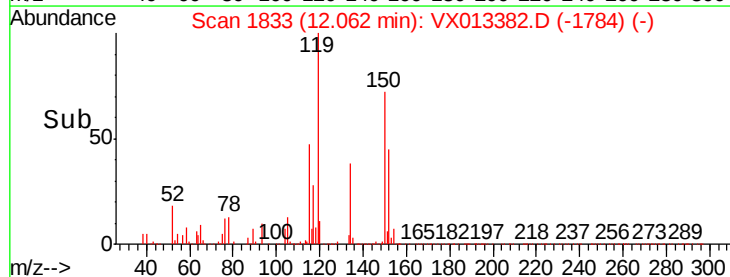
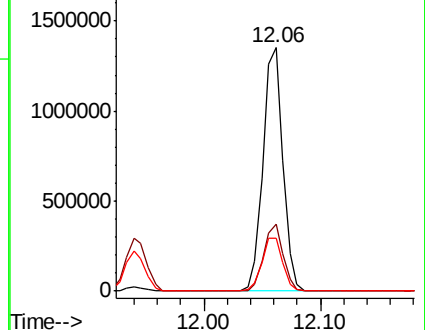
91 22.7 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

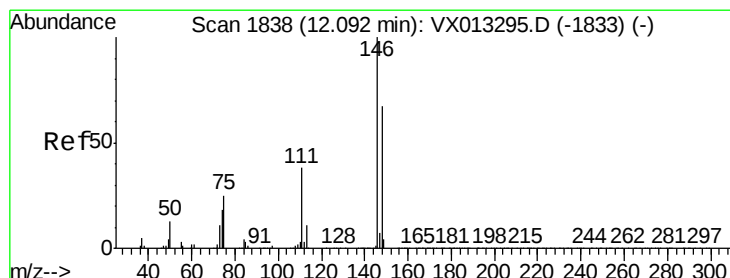
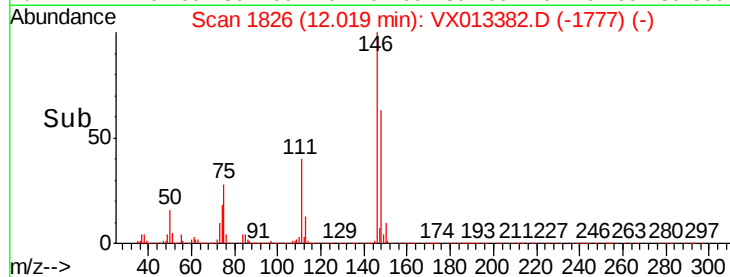
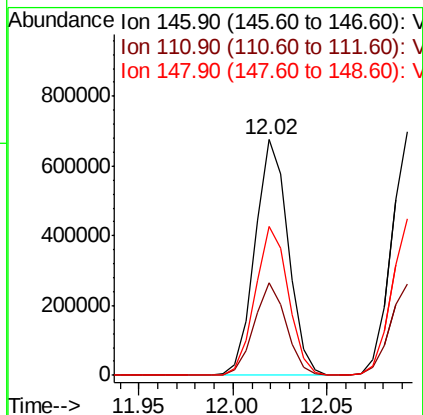
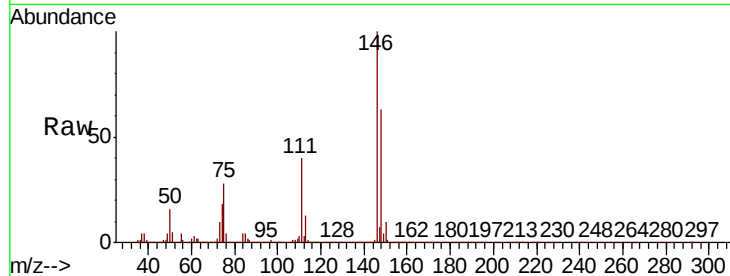




#87
 1,3-Dichlorobenzene
 Concen: 52.209 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013382.D
 Acq: 12 Nov 2019 13:47

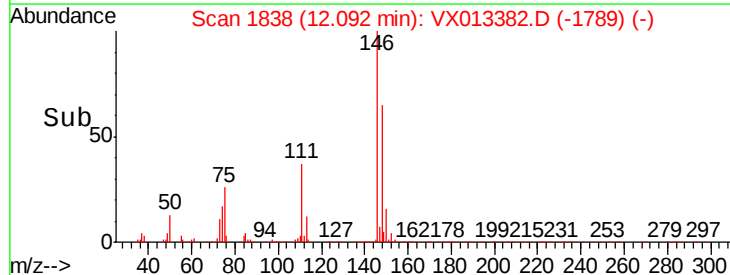
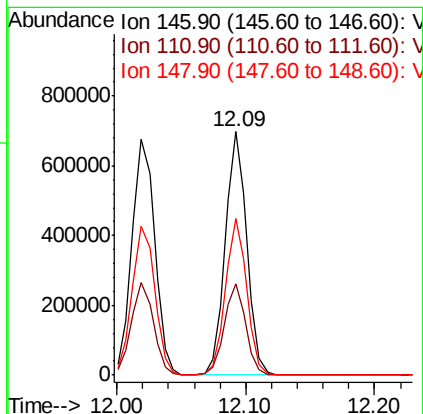
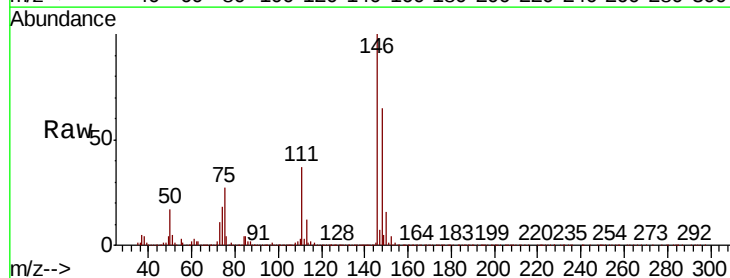
Instrument :
 MSVOA_X
 ClientSampled :

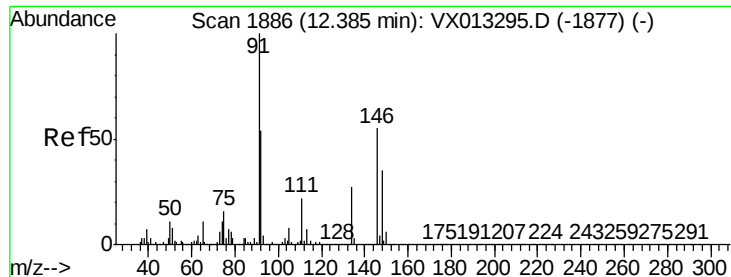
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	63.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 51.064 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013382.D
 Acq: 12 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	63.9	32.4	97.0

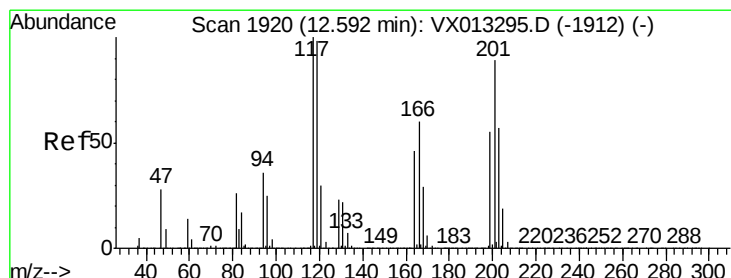
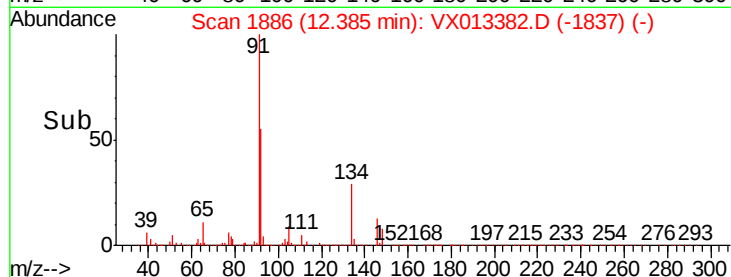
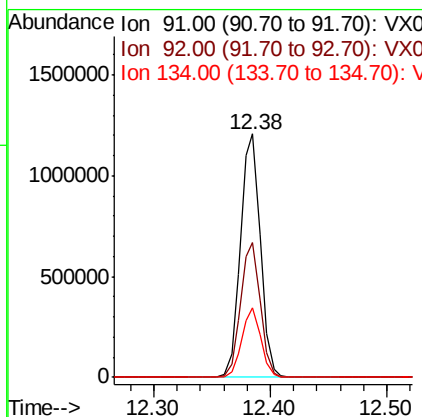
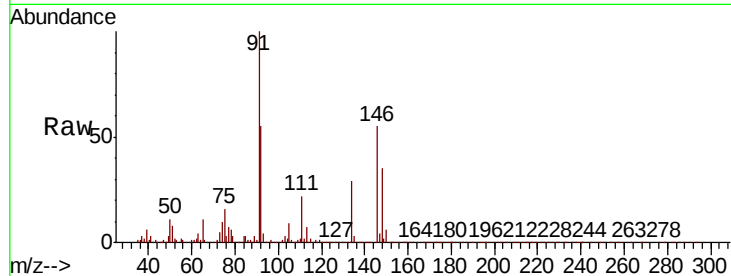




#89
n-Butylbenzene
Concen: 55.976 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

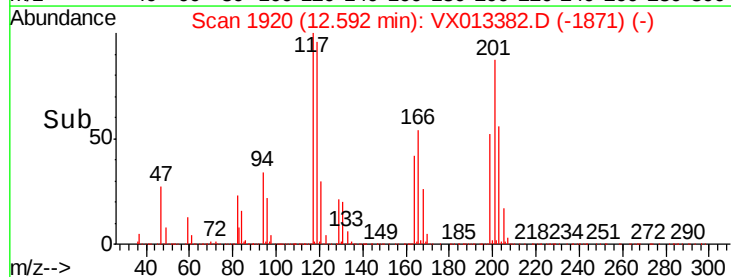
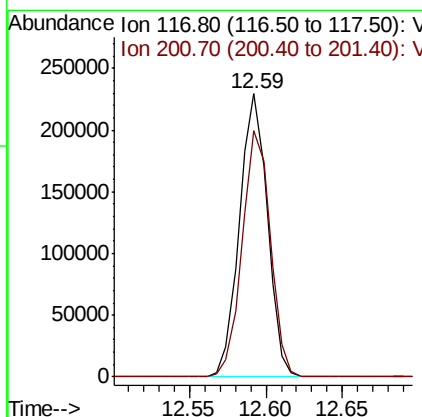
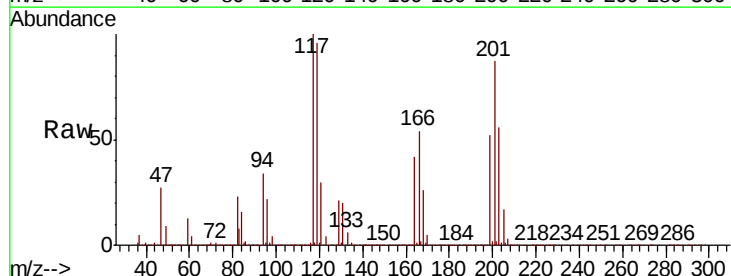
Instrument :
MSVOA_X
ClientSampleId :

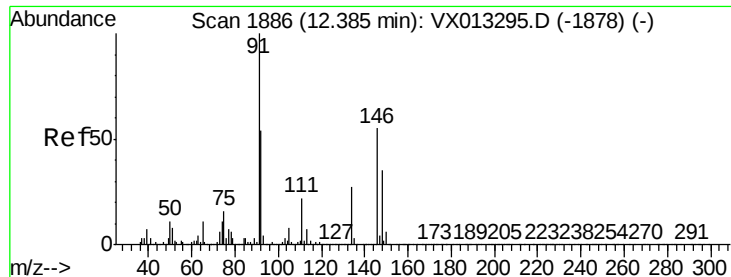
Tot Ion: 91 Resp: 1438329
Ion Ratio Lower Upper
91 100
92 54.9 27.3 81.8
134 27.5 13.5 40.5



#90
Hexachloroethane
Concen: 55.281 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion: 117 Resp: 290051
Ion Ratio Lower Upper
117 100
201 88.0 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 52.150 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

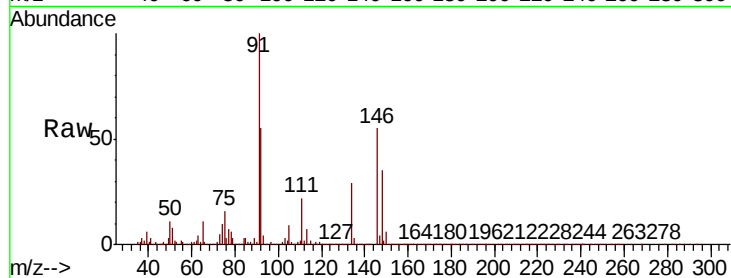
Tot Ion:146 Resp: 822073

Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.2

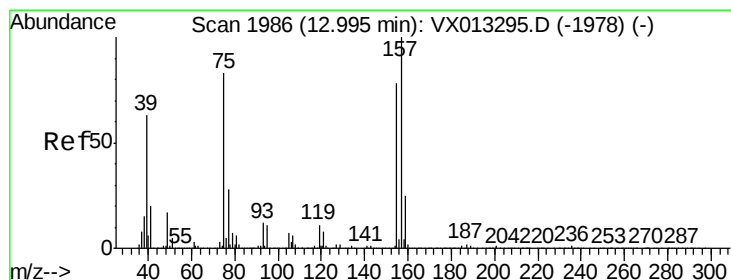
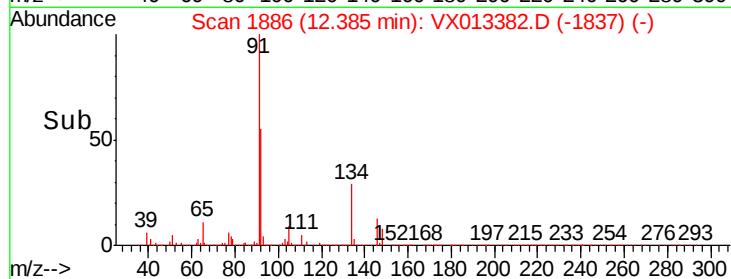
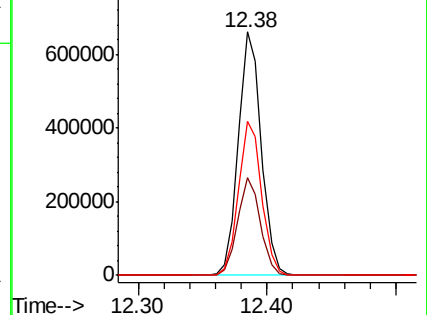
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.282 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013382.D

Acq: 12 Nov 2019 13:47

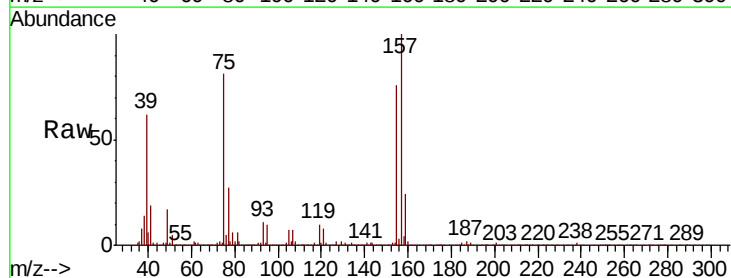
Tgt Ion: 75 Resp: 130614

Ion Ratio Lower Upper

75 100

155 96.5 47.1 141.4

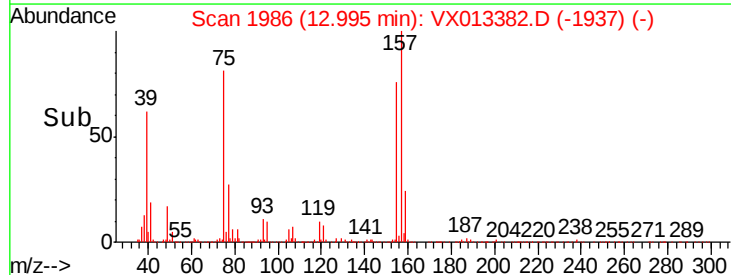
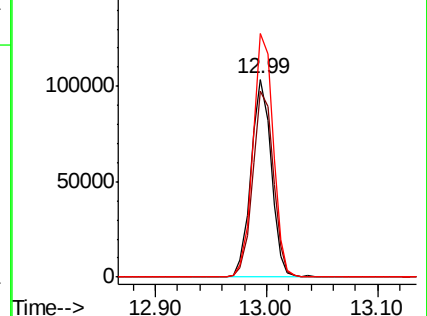
157 123.2 61.3 183.8

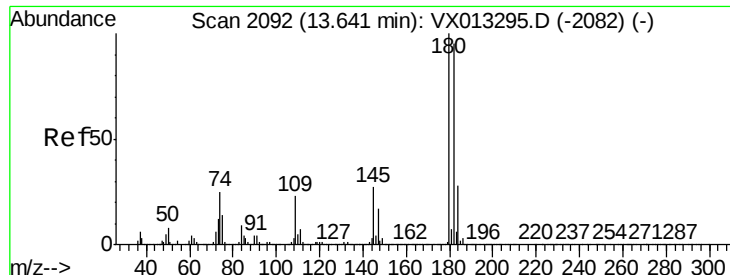


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

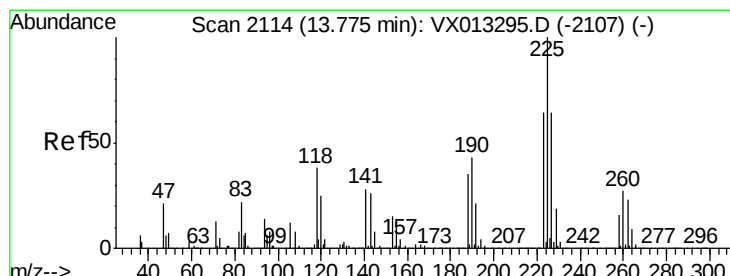
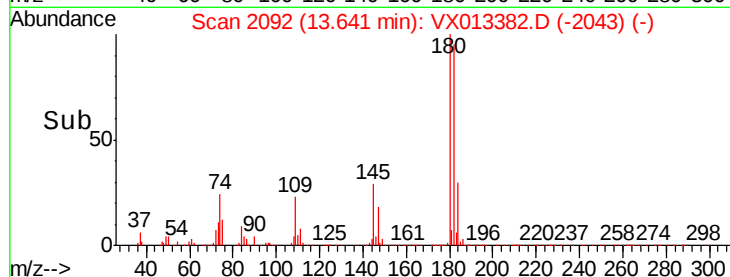
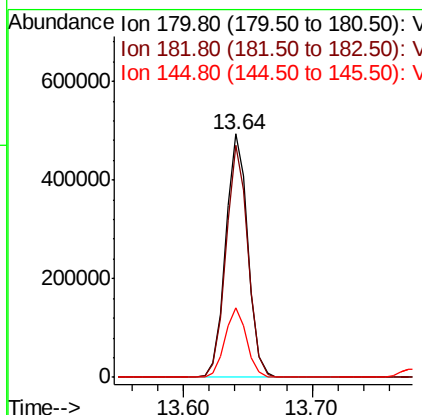
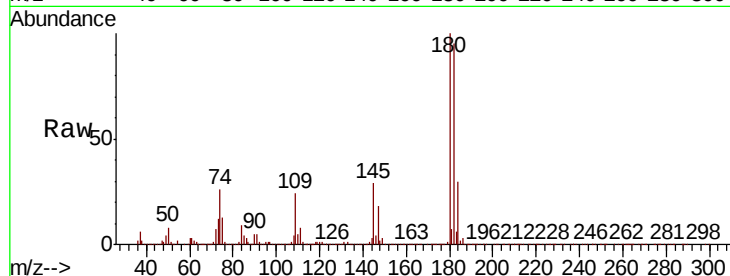




#93
 1,2,4-Trichlorobenzene
 Concen: 54.247 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013382.D
 Acq: 12 Nov 2019 13:47

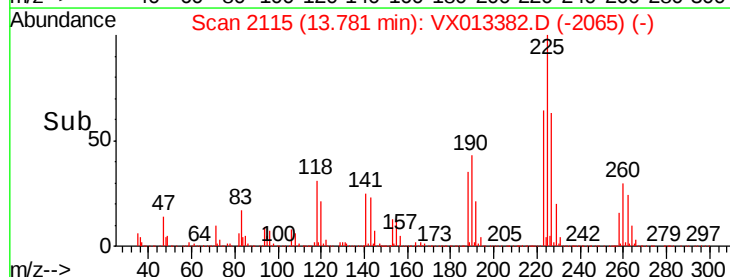
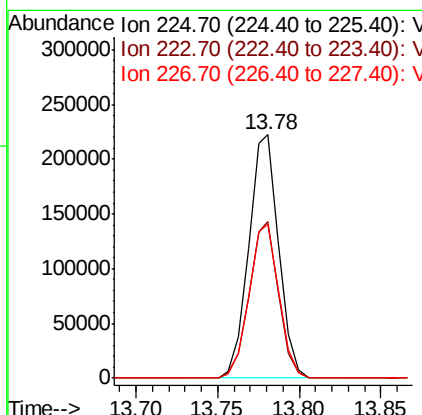
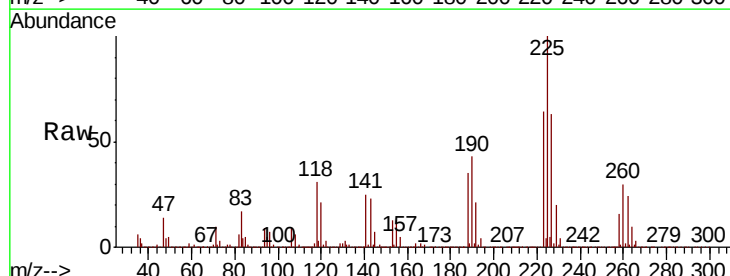
Instrument :
 MSVOA_X
 ClientSampleId :

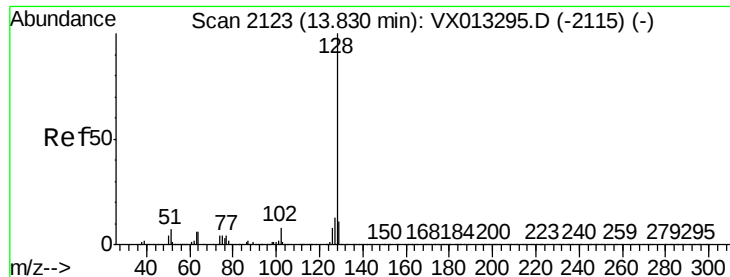
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.4	145.0
145	28.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 52.704 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013382.D
 Acq: 12 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.9	95.7
227	63.2	31.9	95.9

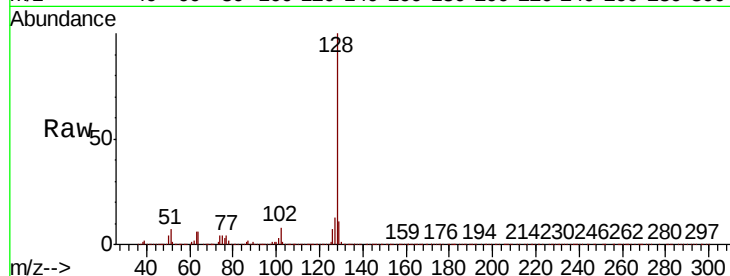




#95
Naphthalene
Concen: 52.199 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.5	12.7

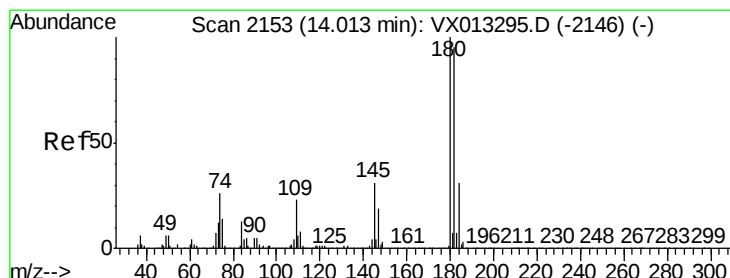
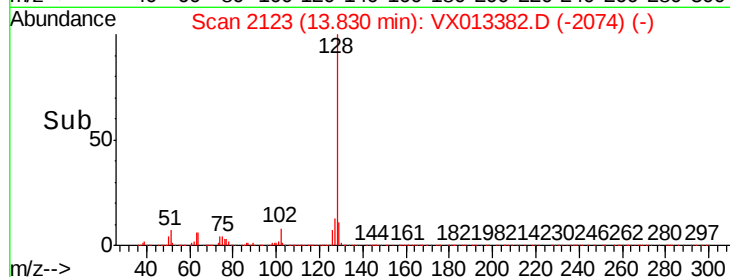
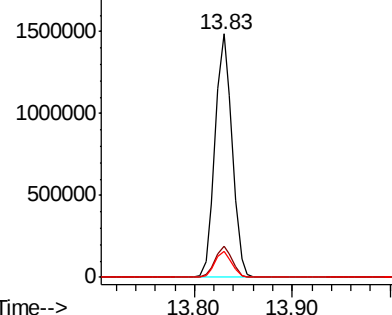


Abundance

Ion 128.00 (127.70 to 128.70): V

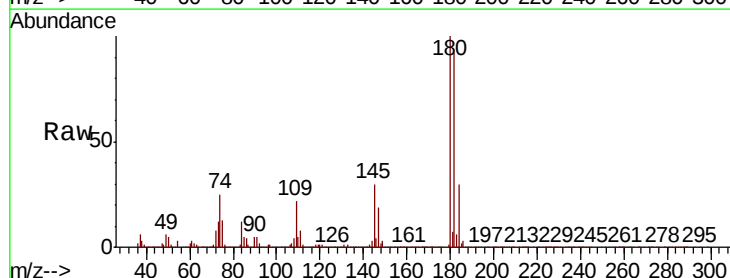
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.484 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013382.D
Acq: 12 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.2
145	29.8	15.4	46.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

