

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112219\NOT REVIEWED DATA\
 Data File : VX013525.D
 Acq On : 22 Nov 2019 12:06
 Operator : JC/SP
 Sample : VX1122WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

Quant Time: Nov 22 17:49:34 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	715730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1111475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	981208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	480190	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	385131	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
35) Dibromofluoromethane	5.48	113	316516	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
50) Toluene-d8	8.71	98	1188160	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
62) 4-Bromofluorobenzene	11.14	95	425101	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	125089	15.168	ug/l 99
3) Chloromethane	1.32	50	137958	15.426	ug/l 98
4) Vinyl Chloride	1.40	62	166820	16.385	ug/l 99
5) Bromomethane	1.63	94	97986	13.811	ug/l 99
6) Chloroethane	1.72	64	95514	15.592	ug/l 99
7) Trichlorofluoromethane	1.92	101	195007	16.212	ug/l 96
8) Diethyl Ether	2.18	74	92301	17.353	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123583	18.433	ug/l 97
10) Methyl Iodide	2.50	142	122079	14.708	ug/l 96
11) Tert butyl alcohol	3.03	59	173441	77.606	ug/l 99
12) 1,1-Dichloroethene	2.36	96	116928	17.810	ug/l 99
13) Acrolein	2.28	56	81273	67.099	ug/l 96
14) Allyl chloride	2.72	41	212209	17.790	ug/l 96
15) Acrylonitrile	3.13	53	401927	96.277	ug/l 99
16) Acetone	2.43	43	428651	101.351	ug/l 100
17) Carbon Disulfide	2.56	76	267427	15.219	ug/l 98
18) Methyl Acetate	2.76	43	231559	19.832	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	421879	19.266	ug/l 97
20) Methylene Chloride	2.84	84	140045	17.922	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	126703	17.725	ug/l 95
22) Diisopropyl ether	3.84	45	454615	19.740	ug/l 99
23) Vinyl Acetate	3.80	43	1771848	89.911	ug/l 100
24) 1,1-Dichloroethane	3.69	63	240040	18.632	ug/l 98
25) 2-Butanone	4.65	43	601213	96.899	ug/l 99
26) 2,2-Dichloropropane	4.57	77	192552	18.788	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	150198	18.757	ug/l 99
28) Bromochloromethane	5.00	49	69007	18.865	ug/l 98
29) Tetrahydrofuran	5.11	42	358083	93.654	ug/l 99
30) Chloroform	5.20	83	237771	18.691	ug/l 95
31) Cyclohexane	5.57	56	201766	17.405	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	198072	18.092	ug/l 100
36) 1,1-Dichloropropene	5.79	75	170747	17.907	ug/l 99
37) Ethyl Acetate	4.82	43	209926	17.817	ug/l 99
38) Carbon Tetrachloride	5.78	117	167936	18.011	ug/l 97

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 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	7.46	83	203789	17.153	ug/l	99
40) Benzene	6.13	78	534821	18.006	ug/l	99
41) Methacrylonitrile	5.03	41	120316	18.219	ug/l	98
42) 1,2-Dichloroethane	6.18	62	191804	17.903	ug/l	97
43) Isopropyl Acetate	6.43	43	337971	18.421	ug/l	98
44) Trichloroethene	7.21	130	145822	17.836	ug/l	97
45) 1,2-Dichloropropane	7.51	63	137708	18.197	ug/l	95
46) Dibromomethane	7.65	93	89180	17.259	ug/l	95
47) Bromodichloromethane	7.89	83	181405	18.618	ug/l	98
48) Methyl methacrylate	7.76	41	169162	18.471	ug/l	97
49) 1,4-Dioxane	7.73	88	67089	319.872	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1107094	91.973	ug/l	99
52) Toluene	8.78	92	337151	18.315	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	198288	18.611	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	218260	18.313	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	144029	18.876	ug/l	99
56) Ethyl methacrylate	9.17	69	224753	18.277	ug/l	96
57) 1,3-Dichloropropane	9.37	76	240458	18.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	460478	88.262	ug/l	100
59) 2-Hexanone	9.48	43	865879	93.085	ug/l	98
60) Dibromochloromethane	9.57	129	143167	18.346	ug/l	98
61) 1,2-Dibromoethane	9.67	107	144354	17.816	ug/l	97
64) Tetrachloroethene	9.33	164	147390	20.983	ug/l	97
65) Chlorobenzene	10.14	112	365087	18.378	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	136904	18.770	ug/l	100
67) Ethyl Benzene	10.25	91	634774	18.515	ug/l	99
68) m/p-Xylenes	10.35	106	481544	37.138	ug/l	100
69) o-Xylene	10.70	106	238737	18.807	ug/l	96
70) Styrene	10.71	104	402504	18.968	ug/l	98
71) Bromoform	10.85	173	112330	18.748	ug/l #	98
73) Isopropylbenzene	11.01	105	641198	20.140	ug/l	100
74) N-amyl acetate	10.89	43	289143	19.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	231246	19.910	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	252577	25.897	ug/l	80
77) Bromobenzene	11.25	156	168054	19.800	ug/l	98
78) n-propylbenzene	11.35	91	691466	19.497	ug/l	98
79) 2-Chlorotoluene	11.42	91	422318	19.764	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	525543	19.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68328	18.032	ug/l	99
82) 4-Chlorotoluene	11.51	91	475682	19.018	ug/l	100
83) tert-Butylbenzene	11.76	119	517007	19.367	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	525517	19.755	ug/l	99
85) sec-Butylbenzene	11.94	105	607007	19.785	ug/l	99
86) p-Isopropyltoluene	12.06	119	558215	19.759	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286257	18.921	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	283461	18.390	ug/l	99
89) n-Butylbenzene	12.39	91	461519	18.722	ug/l	99
90) Hexachloroethane	12.59	117	97169	19.304	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	292460	19.339	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48533	17.151	ug/l	97

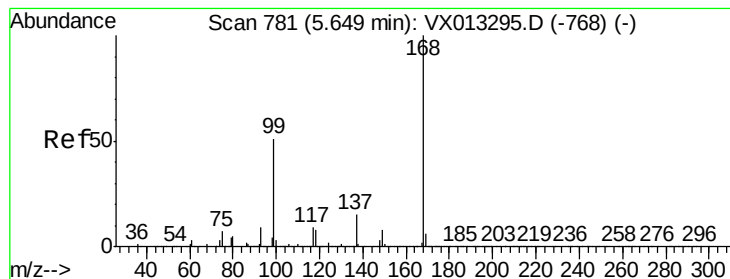
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX112219\NOT REVIEWED DATA\
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	191520	18.156	ug/l	100
94) Hexachlorobutadiene	13.78	225	93134	18.046	ug/l	99
95) Naphthalene	13.83	128	610234	18.438	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	194325	18.369	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: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

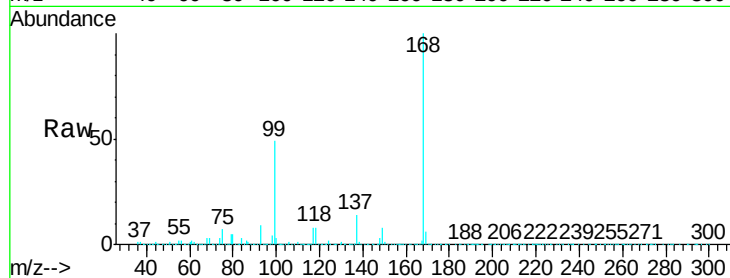
VX1122WBS02

Tgt Ion:168 Resp: 715730

Ion Ratio Lower Upper

168 100

99 48.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

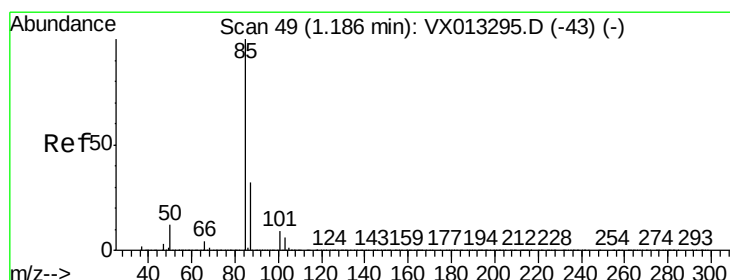
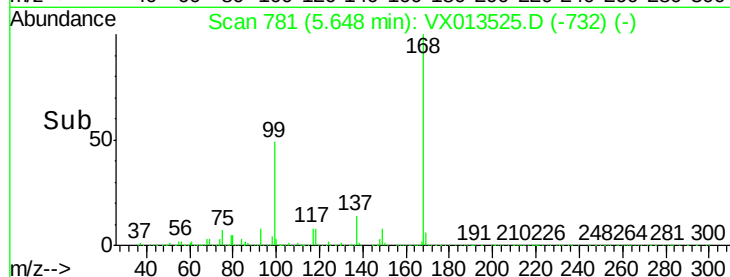
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.168 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013525.D

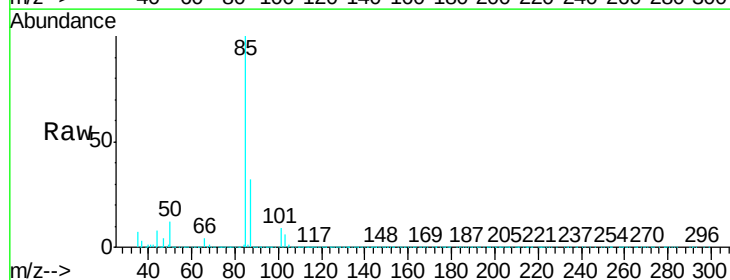
Acq: 22 Nov 2019 12:06

Tgt Ion: 85 Resp: 125089

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

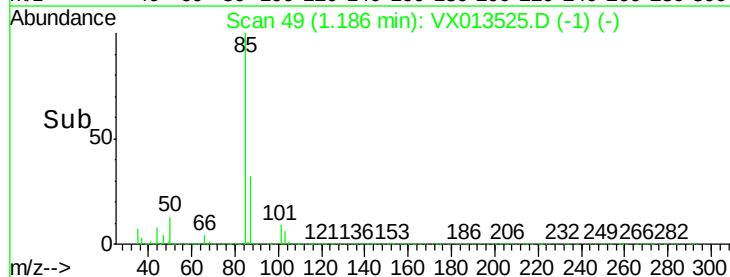
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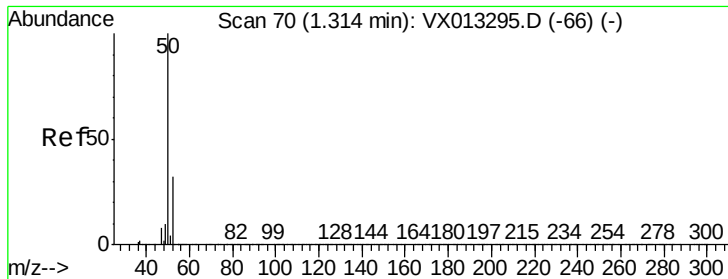
40000

20000

0

Time-->





#3

Chloromethane

Concen: 15.426 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

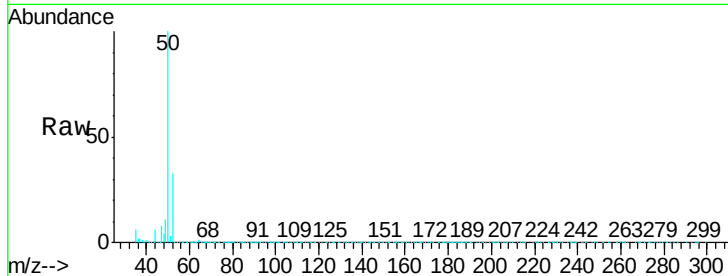
VX1122WBS02

Tgt Ion: 50 Resp: 137958

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

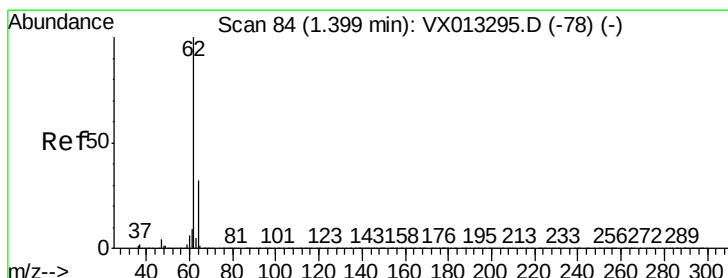
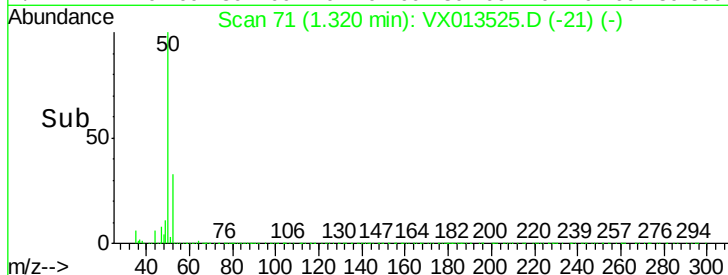
150000

100000

50000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 16.385 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013525.D

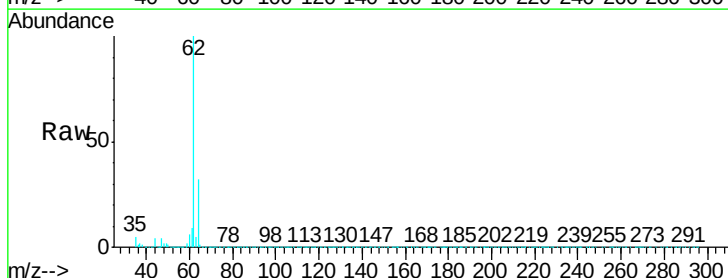
Acq: 22 Nov 2019 12:06

Tgt Ion: 62 Resp: 166820

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

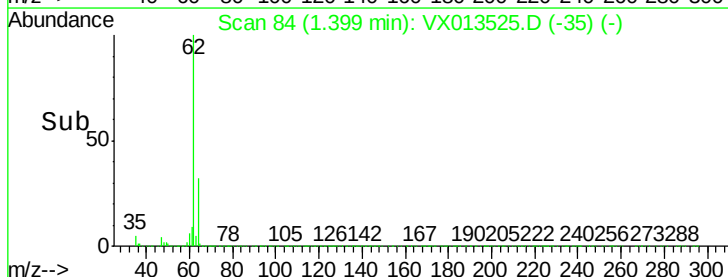
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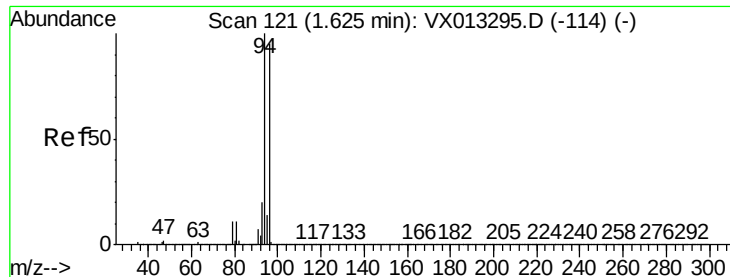
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 13.811 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampled :

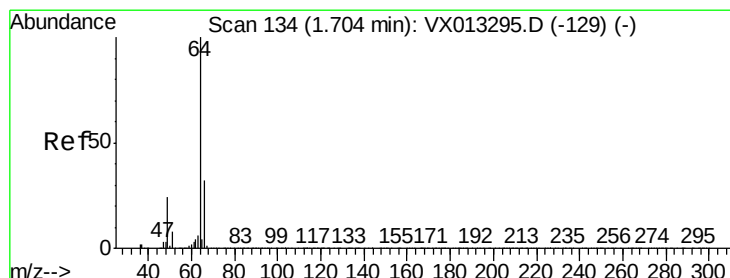
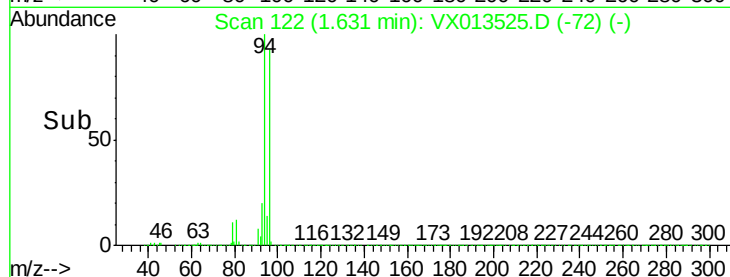
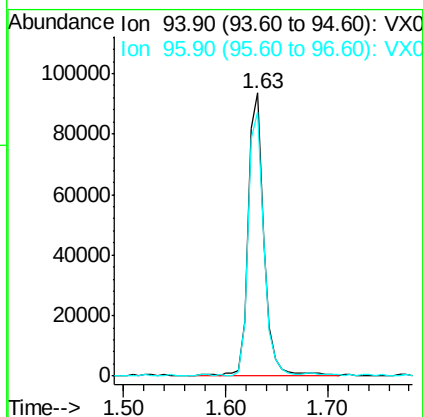
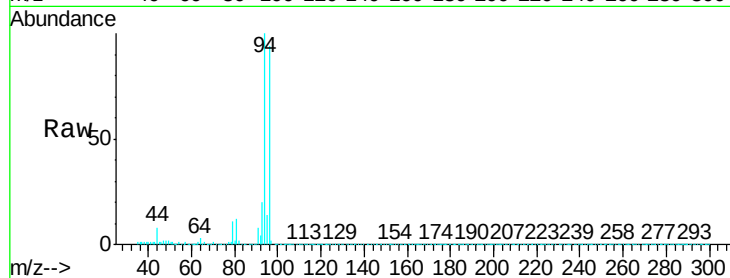
VX1122WBS02

Tgt Ion: 94 Resp: 97986

Ion Ratio Lower Upper

94 100

96 93.5 75.8 113.8



#6

Chloroethane

Concen: 15.592 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013525.D

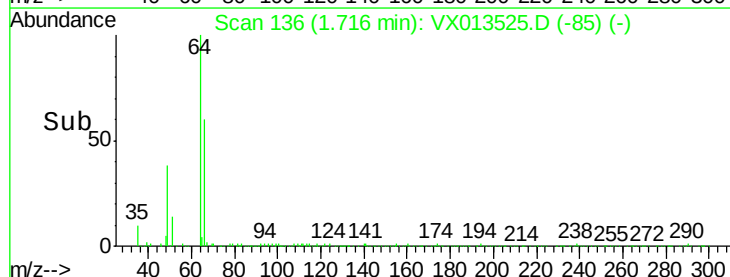
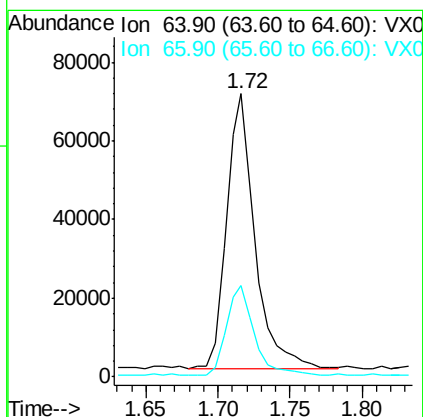
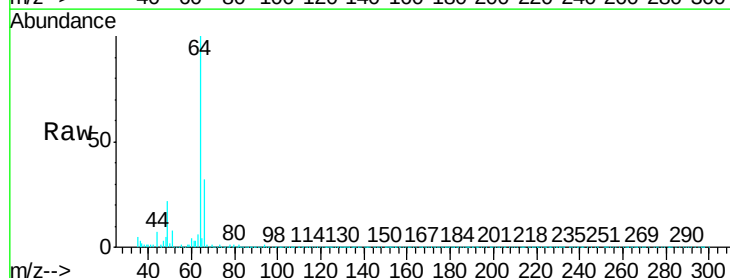
Acq: 22 Nov 2019 12:06

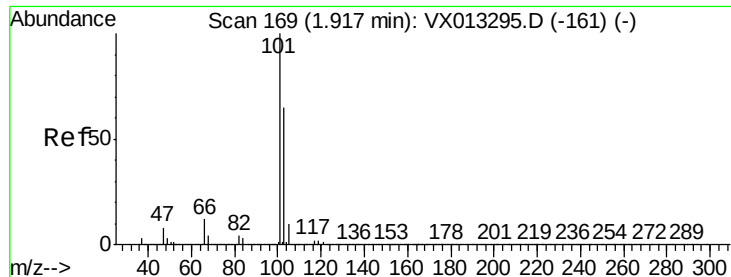
Tgt Ion: 64 Resp: 95514

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4



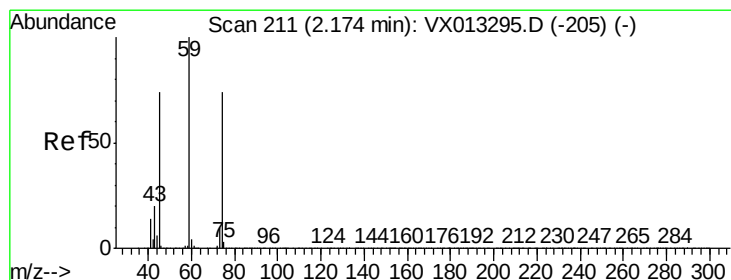
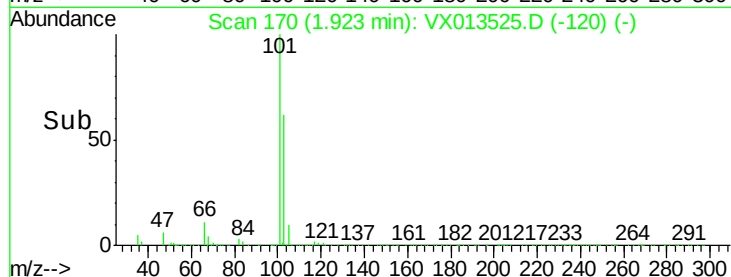
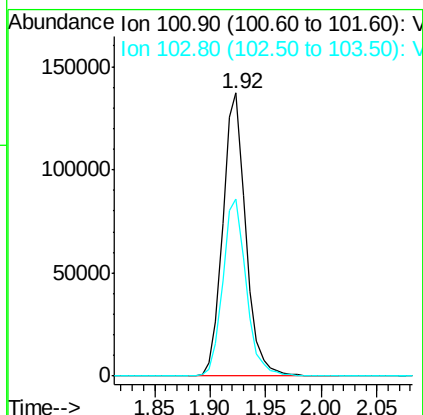
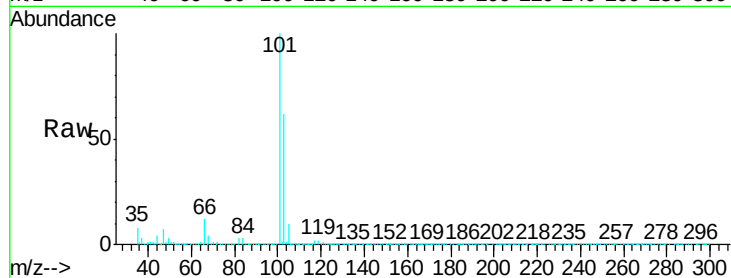


#7

Trichlorofluoromethane
Concen: 16.212 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

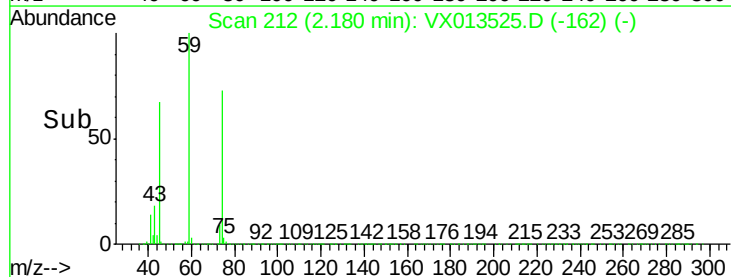
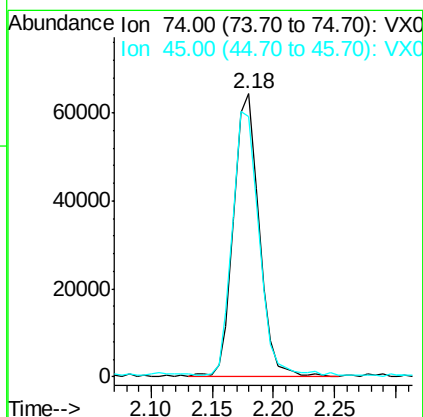
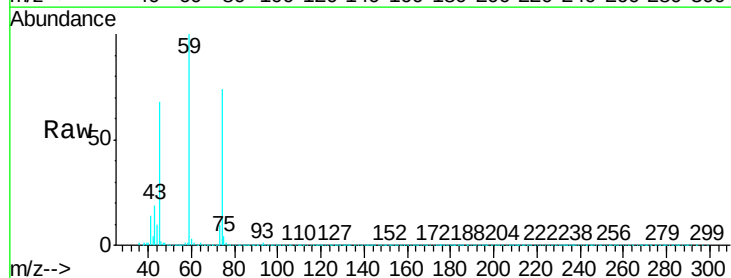
Tgt Ion:101 Resp: 195007
Ion Ratio Lower Upper
101 100
103 62.3 52.3 78.5

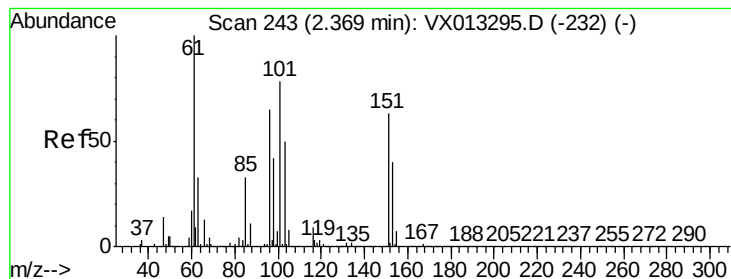


#8

Diethyl Ether
Concen: 17.353 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 74 Resp: 92301
Ion Ratio Lower Upper
74 100
45 96.8 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.433 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

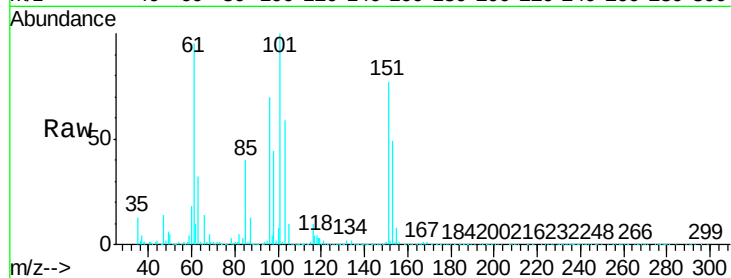
Tgt Ion:101 Resp: 123583

Ion Ratio Lower Upper

101 100

85 42.0 34.4 51.6

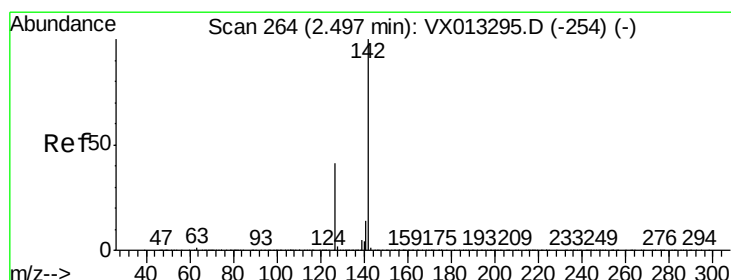
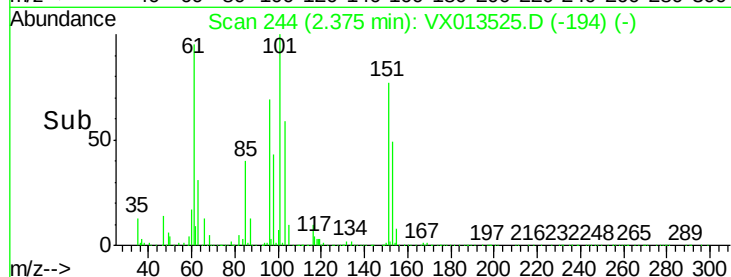
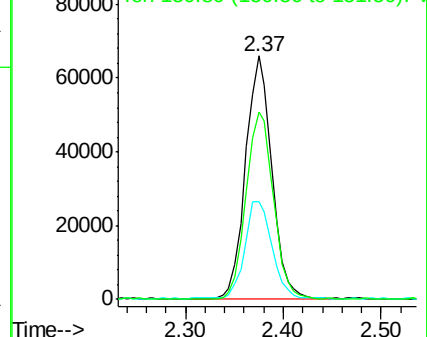
151 79.7 66.4 99.6



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: 14.708 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

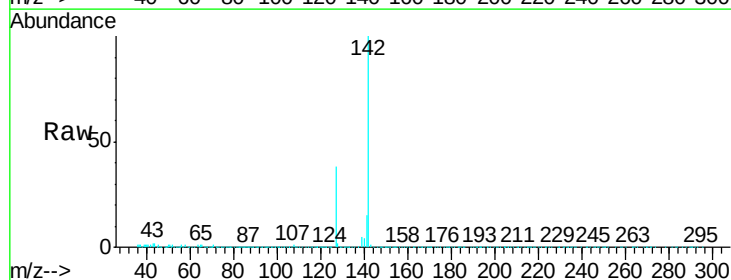
Tgt Ion:142 Resp: 122079

Ion Ratio Lower Upper

142 100

127 38.0 32.6 49.0

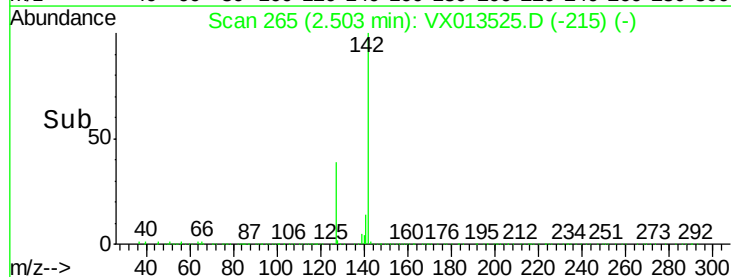
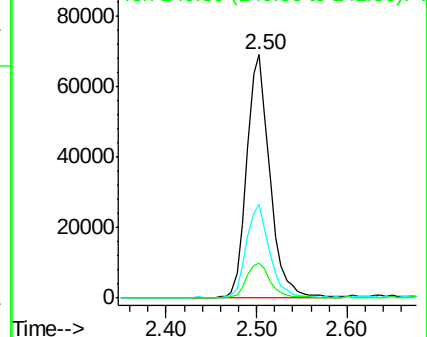
141 15.2 11.6 17.4

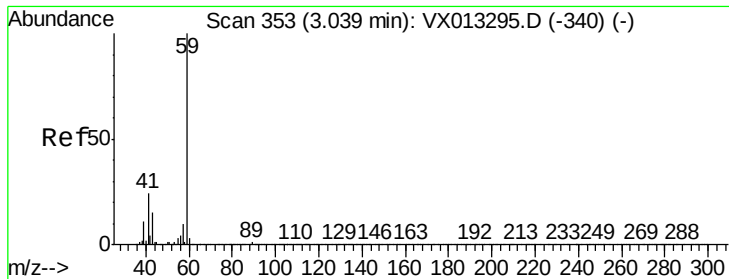


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

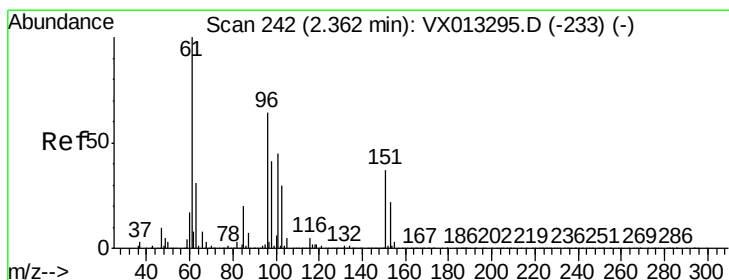
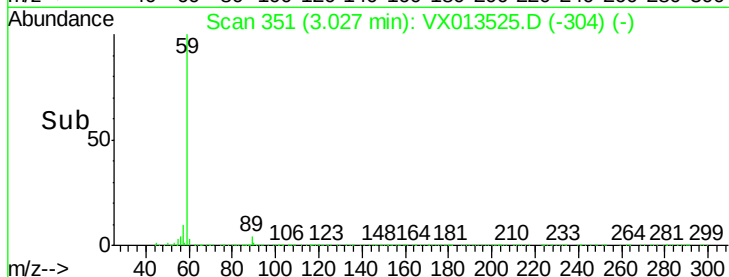
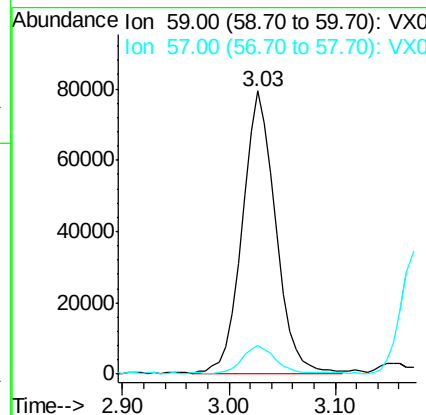
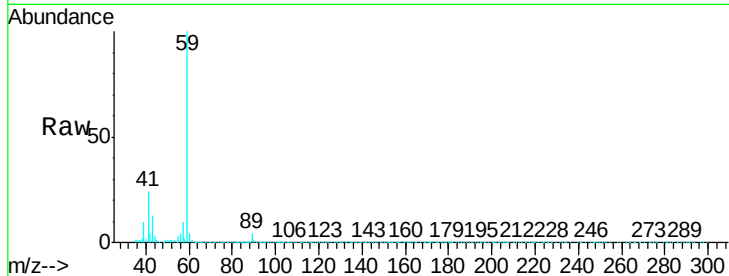




#11
Tert butyl alcohol
Concen: 77.606 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

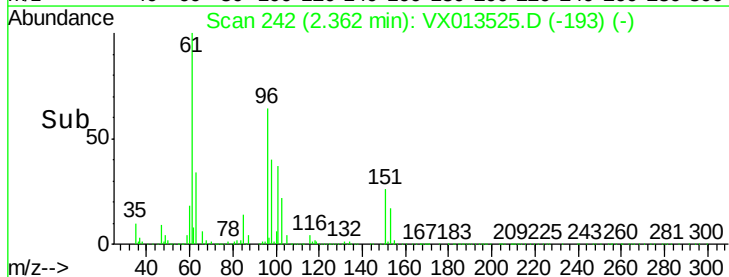
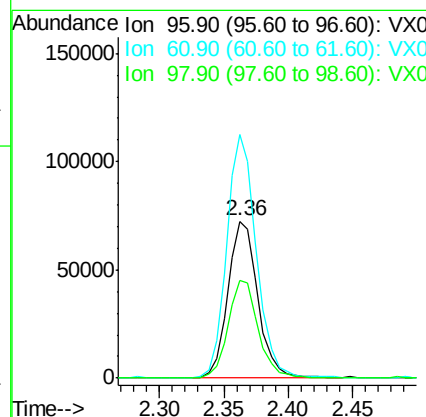
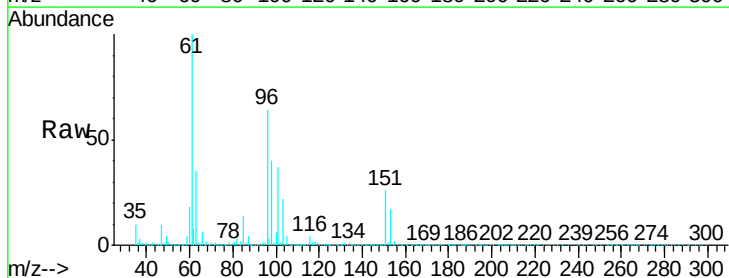
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

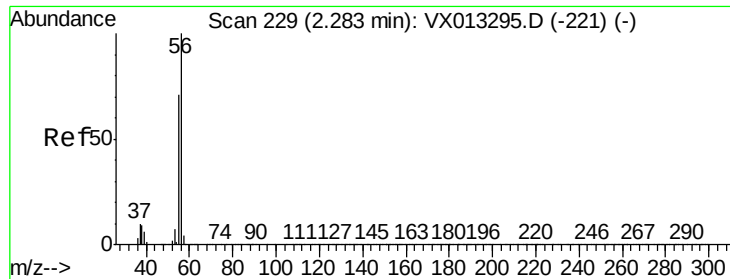
Tgt Ion: 59 Resp: 173441
Ion Ratio Lower Upper
59 100
57 9.7 8.0 12.0



#12
1,1-Dichloroethene
Concen: 17.810 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 96 Resp: 116928
Ion Ratio Lower Upper
96 100
61 155.1 125.0 187.6
98 61.8 50.7 76.1

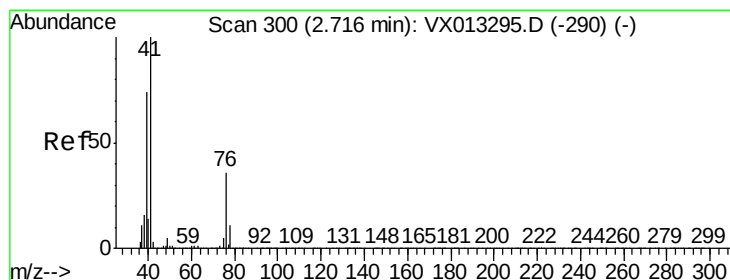
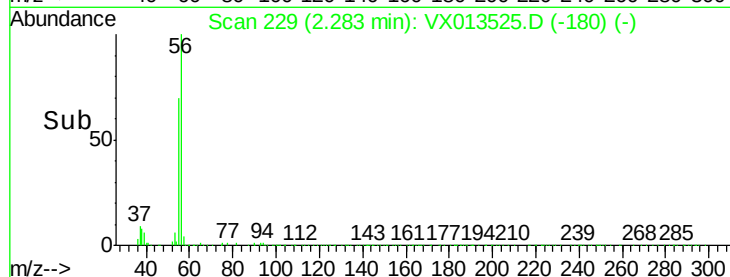
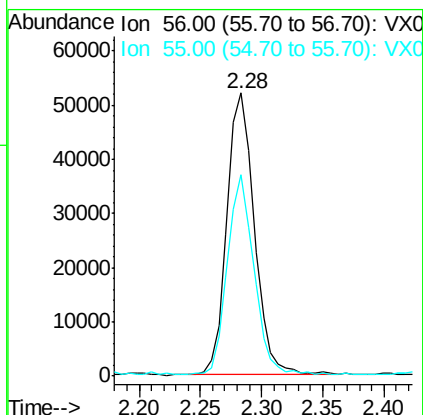
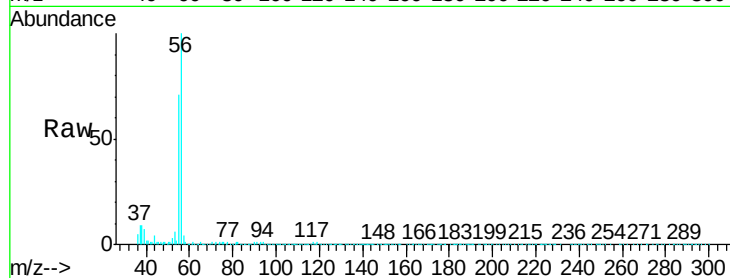




#13
Acrolein
Concen: 67.099 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

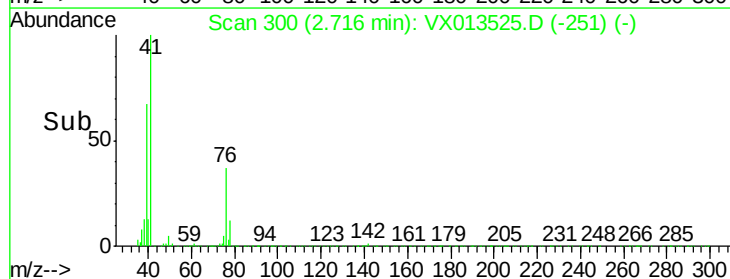
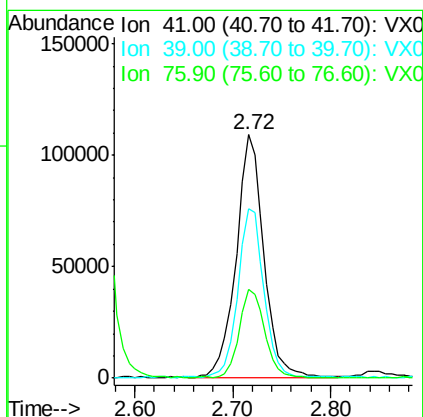
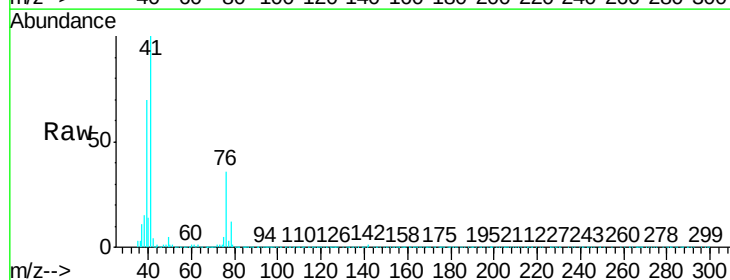
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

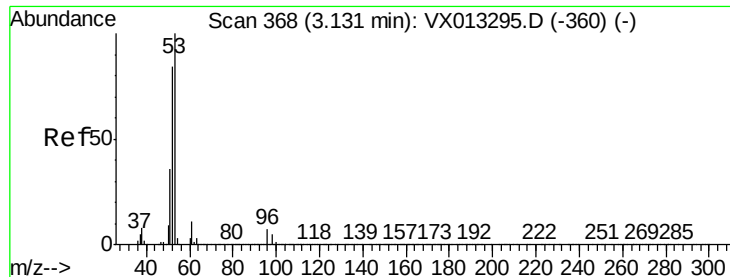
Tgt Ion: 56 Resp: 81273
Ion Ratio Lower Upper
56 100
55 68.6 57.4 86.0



#14
Allyl chloride
Concen: 17.790 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 41 Resp: 212209
Ion Ratio Lower Upper
41 100
39 65.1 55.8 83.8
76 33.5 26.4 39.6





#15

Acrylonitrile

Concen: 96.277 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

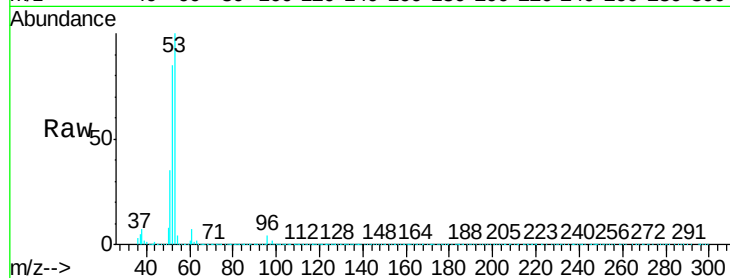
Tgt Ion: 53 Resp: 401927

Ion Ratio Lower Upper

53 100

52 83.1 67.4 101.0

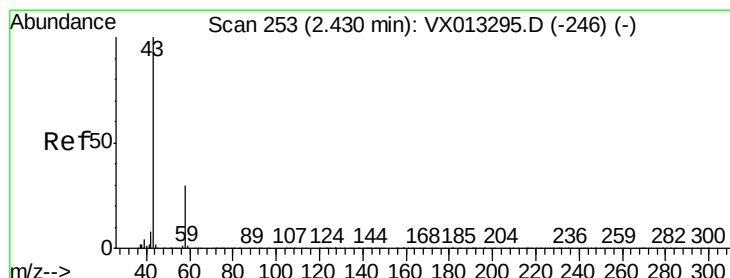
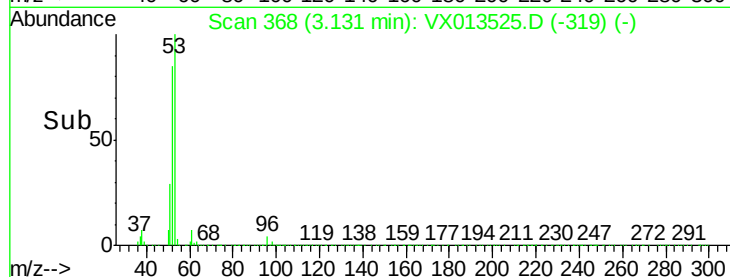
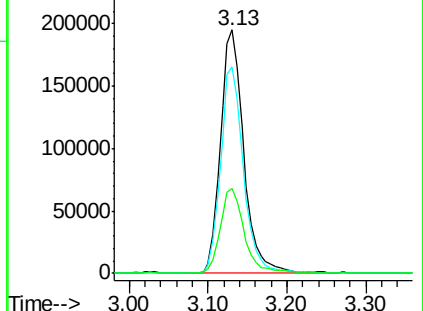
51 36.1 29.4 44.2



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: 101.351 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013525.D

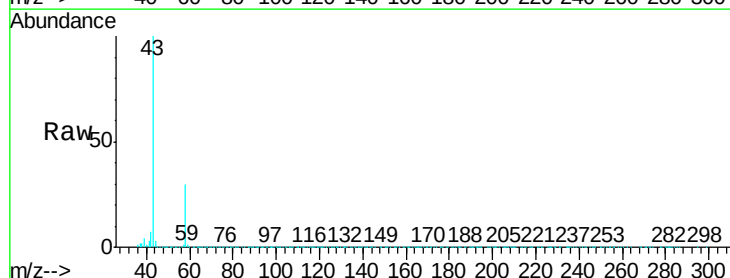
Acq: 22 Nov 2019 12:06

Tgt Ion: 43 Resp: 428651

Ion Ratio Lower Upper

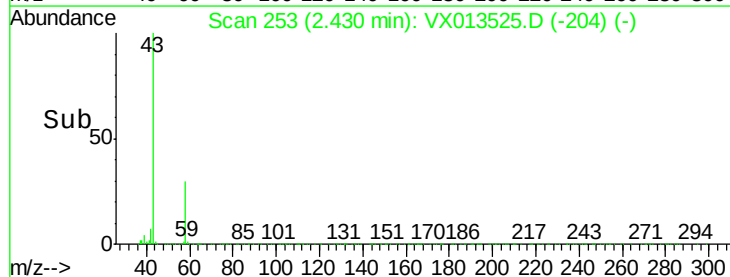
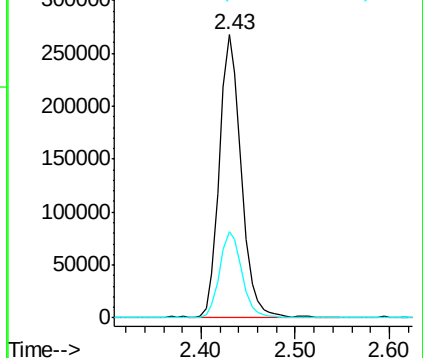
43 100

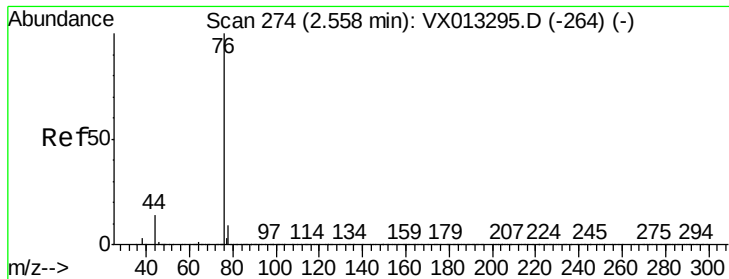
58 30.3 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.219 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

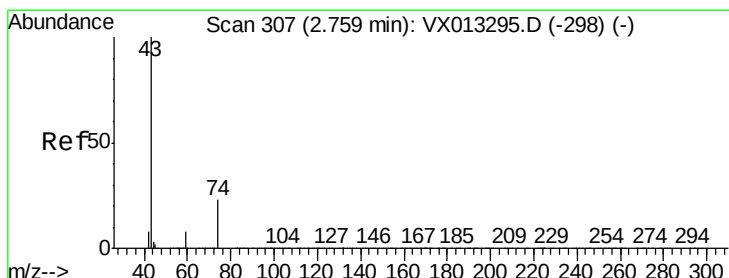
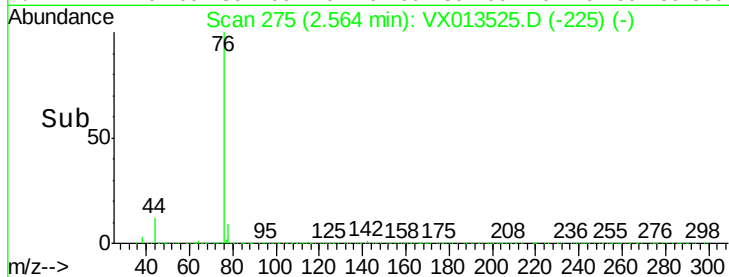
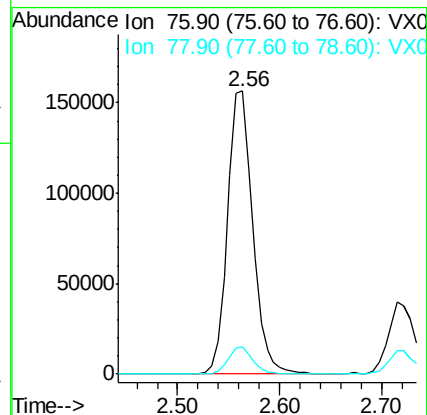
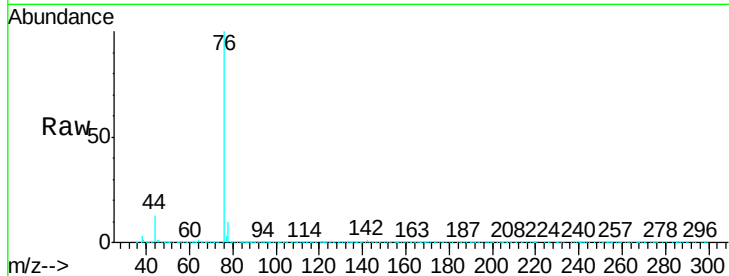
VX1122WBS02

Tgt Ion: 76 Resp: 267427

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



#18

Methyl Acetate

Concen: 19.832 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013525.D

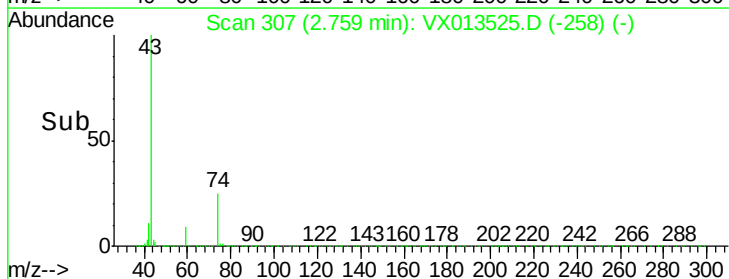
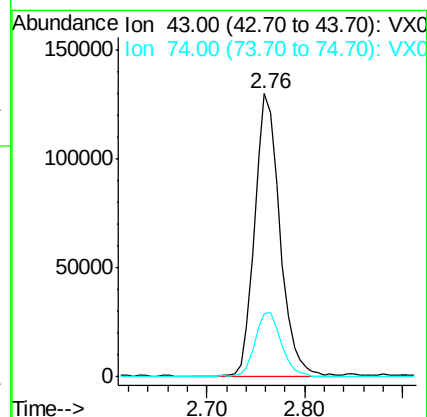
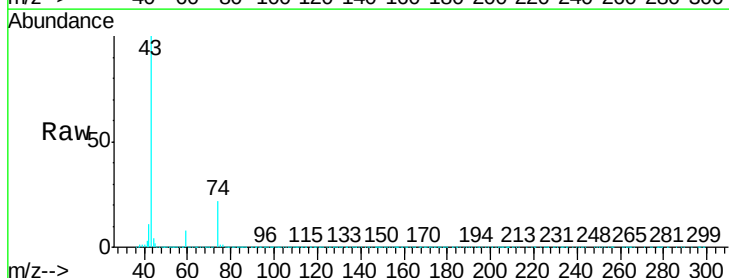
Acq: 22 Nov 2019 12:06

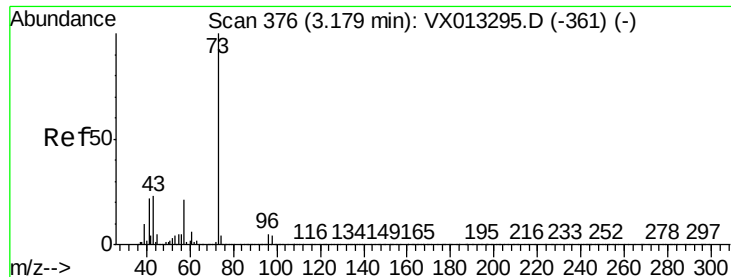
Tgt Ion: 43 Resp: 231559

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.6



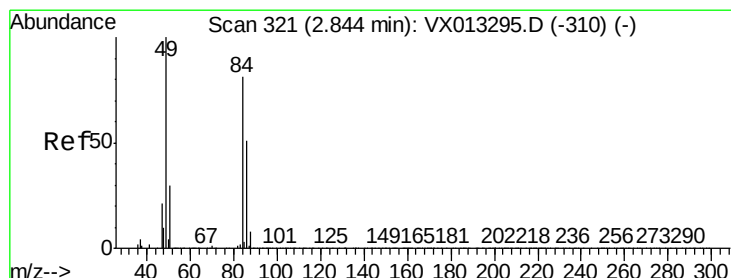
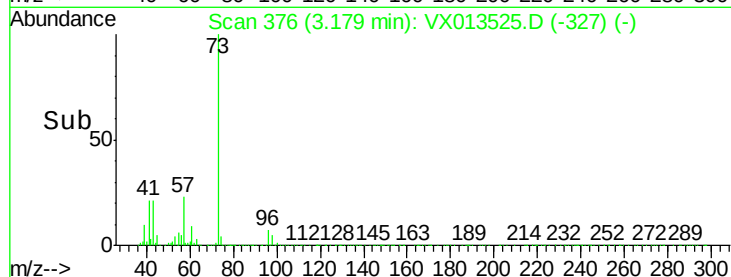
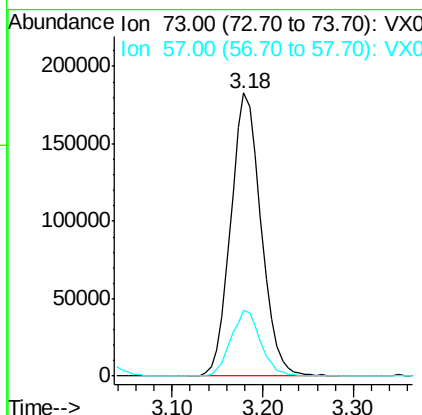
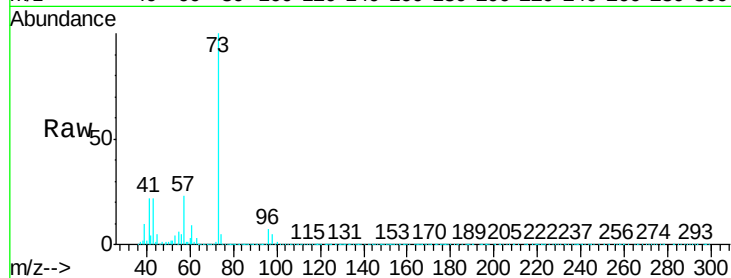


#19

Methyl tert-butyl Ether
 Concen: 19.266 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

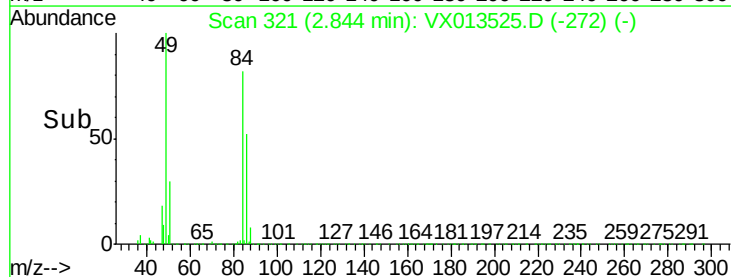
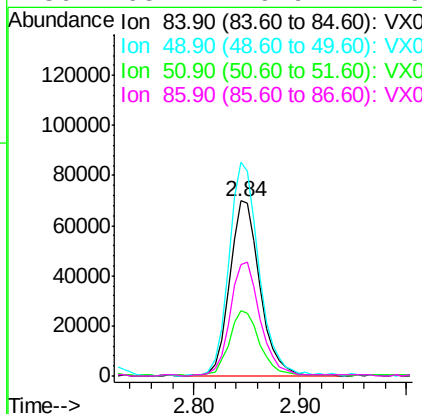
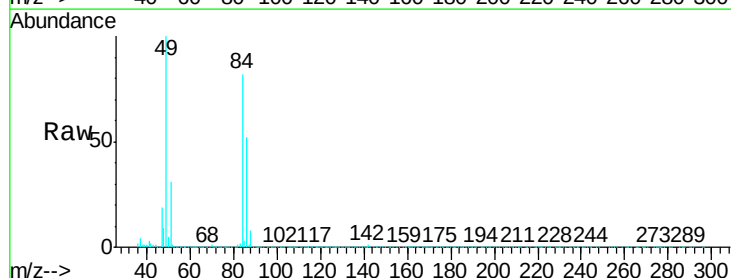
Tgt Ion: 73 Resp: 421879
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.1 25.7

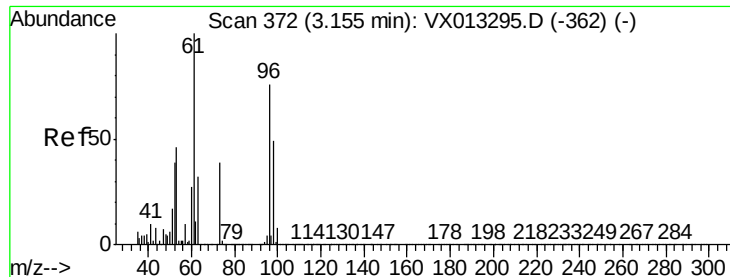


#20

Methylene Chloride
 Concen: 17.922 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion: 84 Resp: 140045
 Ion Ratio Lower Upper
 84 100
 49 121.3 98.2 147.4
 51 37.0 29.9 44.9
 86 63.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.725 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

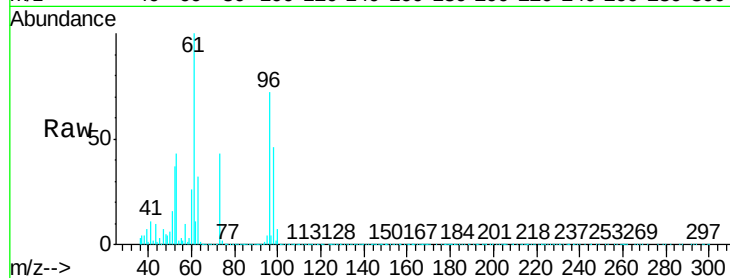
Tgt Ion: 96 Resp: 126703

Ion Ratio Lower Upper

96 100

61 139.4 105.8 158.6

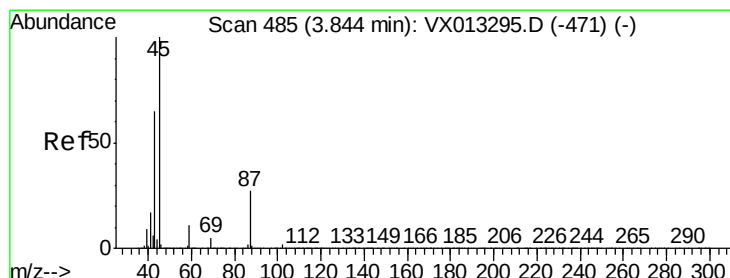
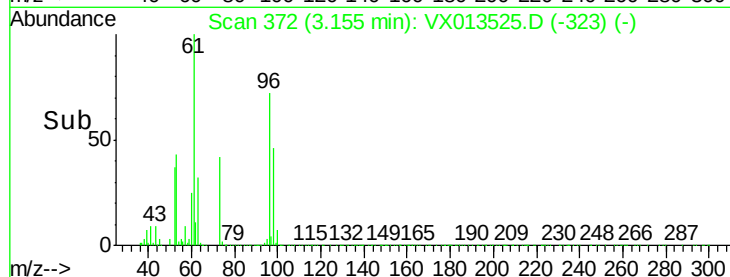
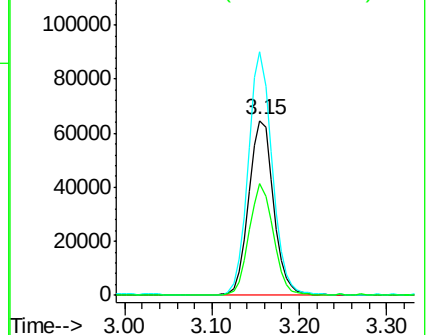
98 63.4 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.740 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion: 45 Resp: 454615

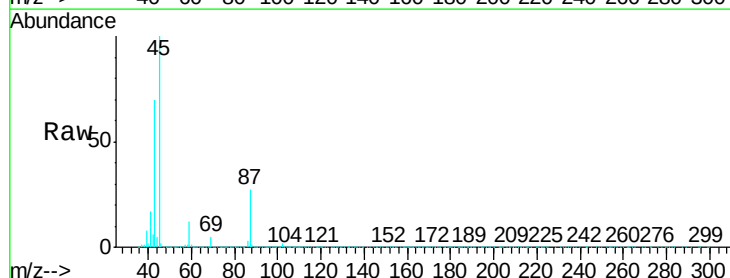
Ion Ratio Lower Upper

45 100

43 68.5 54.2 81.2

87 27.3 21.8 32.8

59 11.6 8.5 12.7

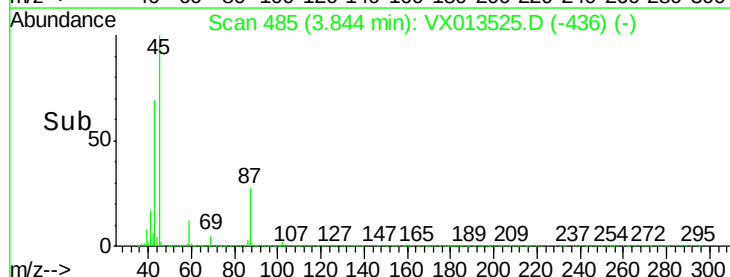
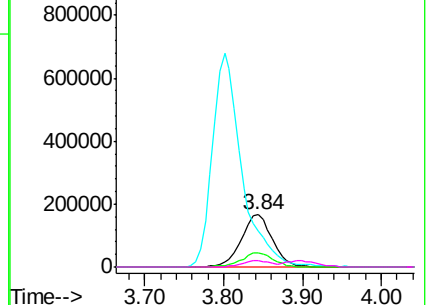


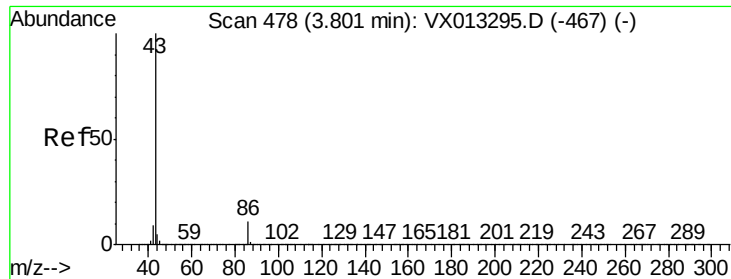
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

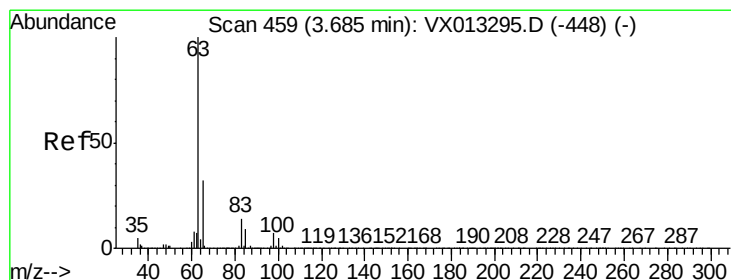
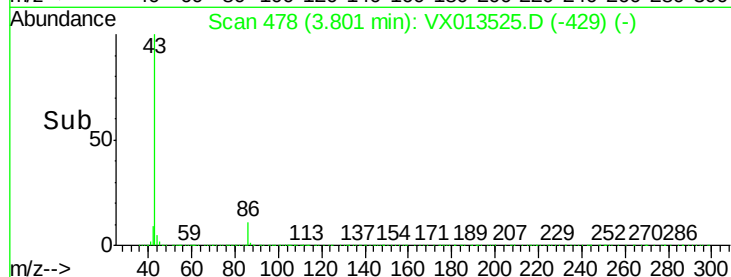
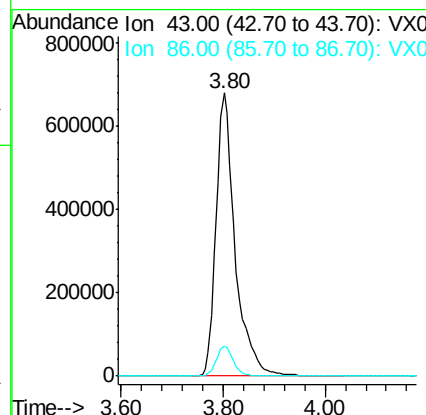
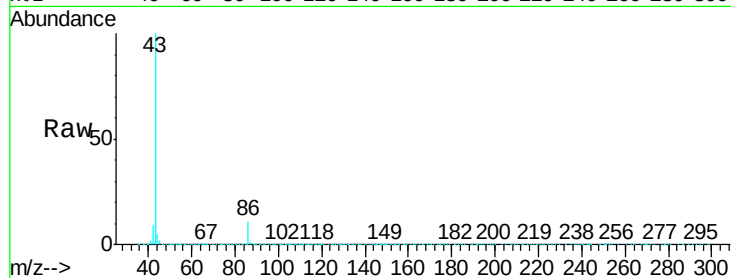




#23
 Vinyl Acetate
 Concen: 89.911 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

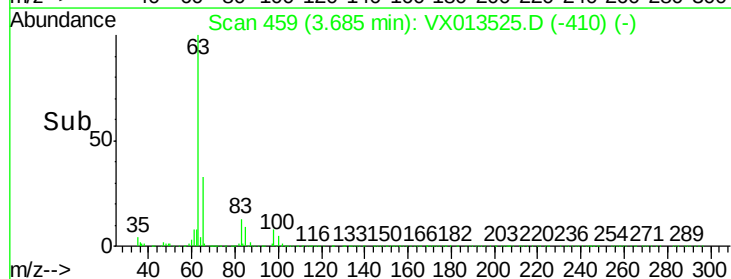
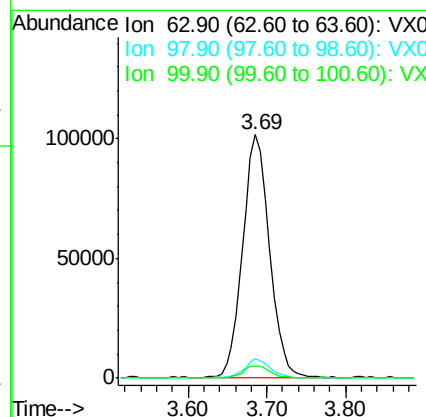
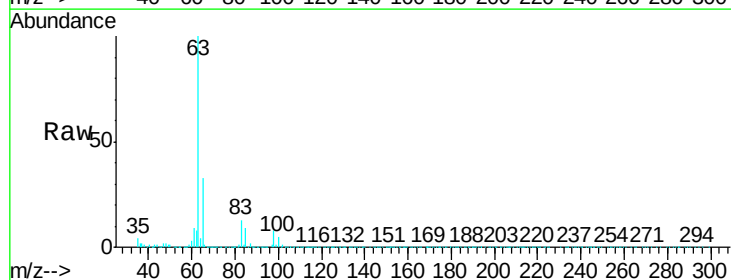
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

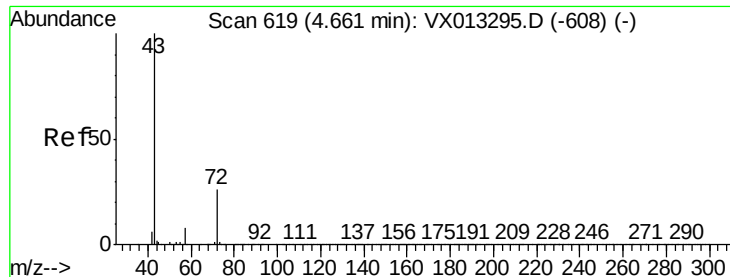
Tgt Ion: 43 Resp: 1771848
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 18.632 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion: 63 Resp: 240040
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 96.899 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

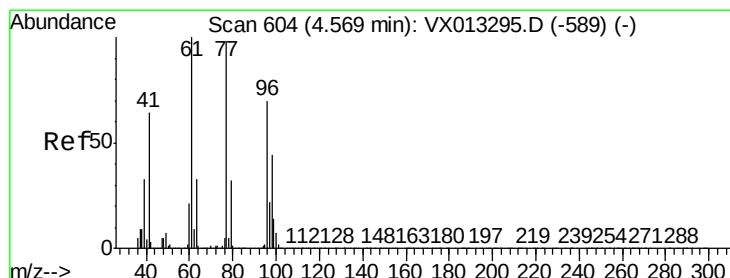
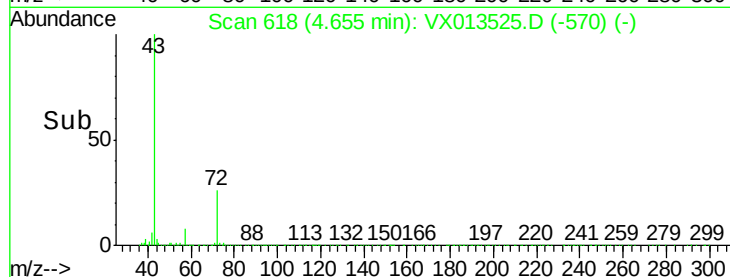
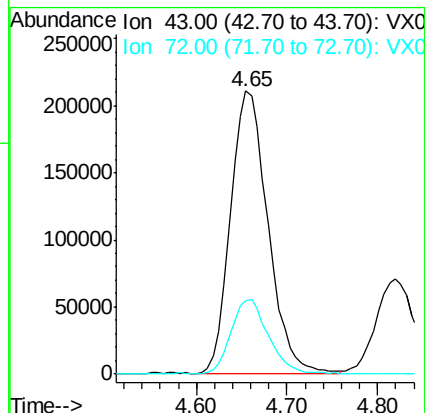
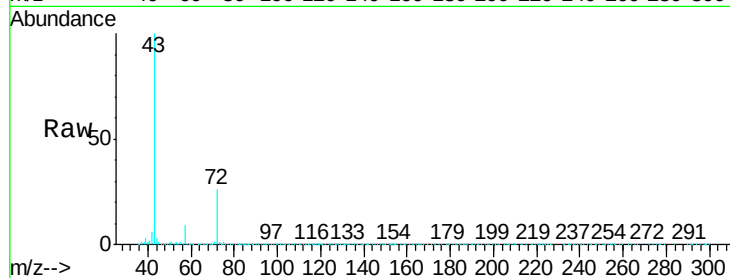
VX1122WBS02

Tgt Ion: 43 Resp: 601213

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.788 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013525.D

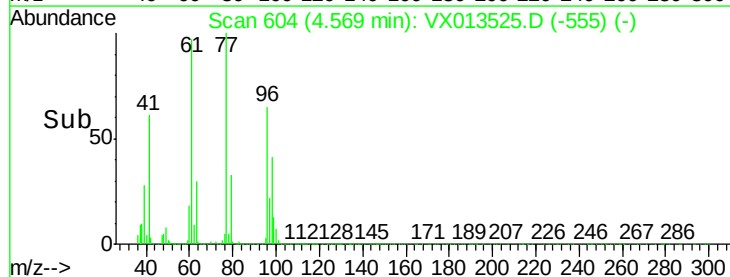
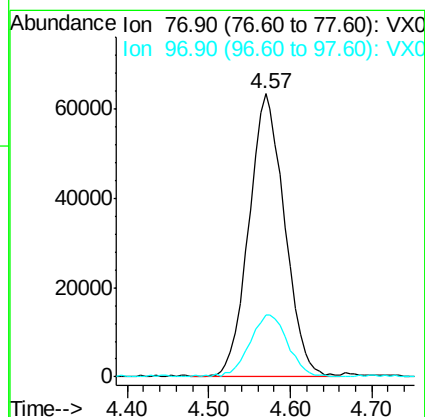
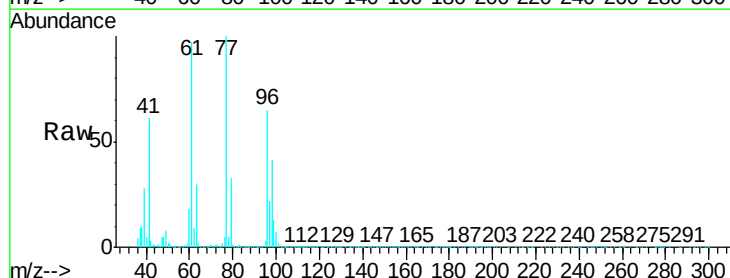
Acq: 22 Nov 2019 12:06

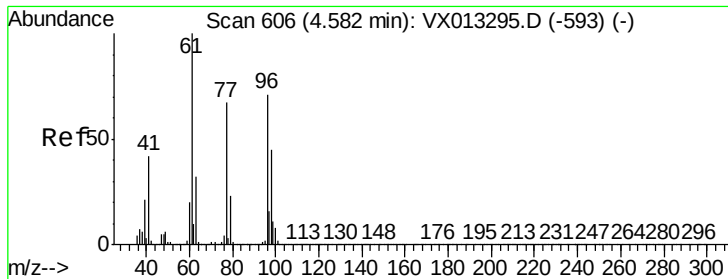
Tgt Ion: 77 Resp: 192552

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.8



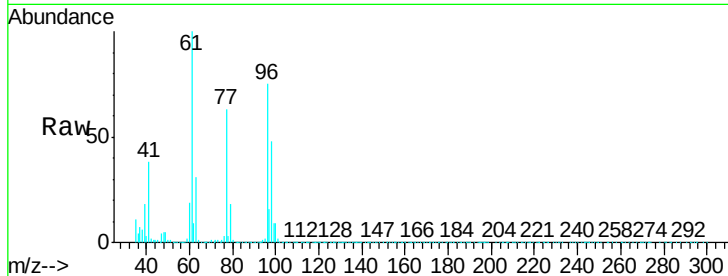


#27

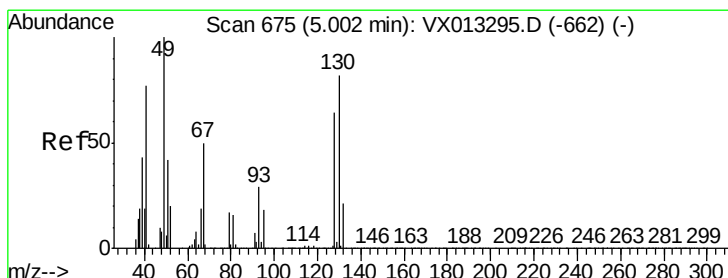
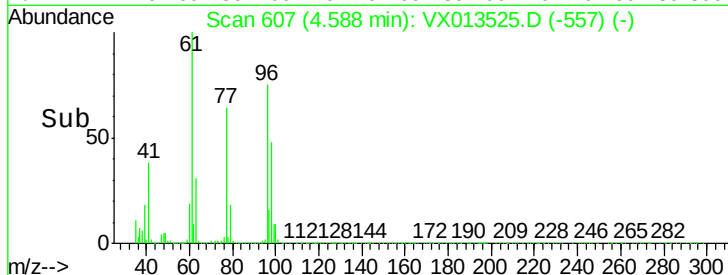
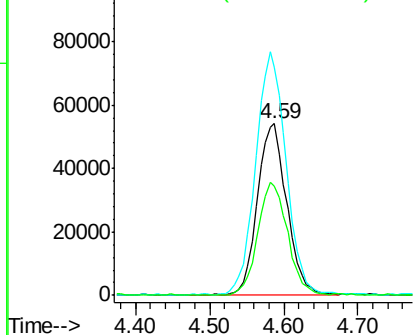
cis-1,2-Dichloroethene
Concen: 18.757 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	288.0
98	65.9	0.0	129.6



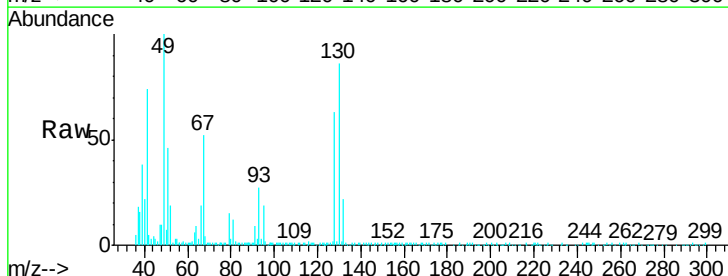
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



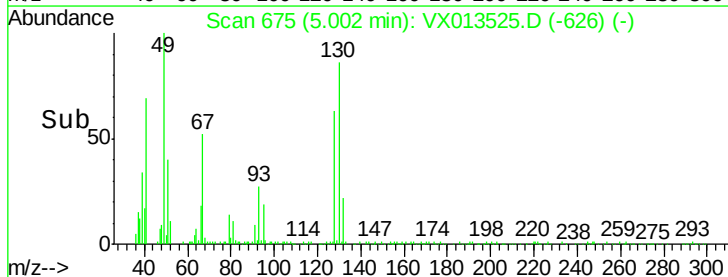
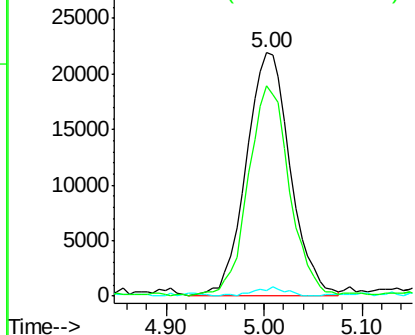
#28

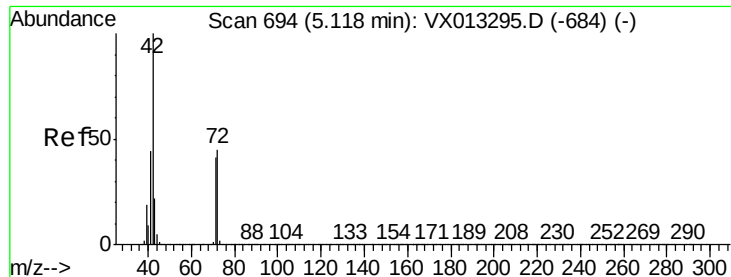
Bromochloromethane
Concen: 18.865 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	81.5	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

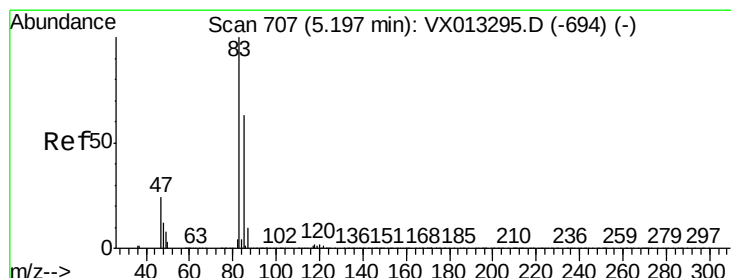
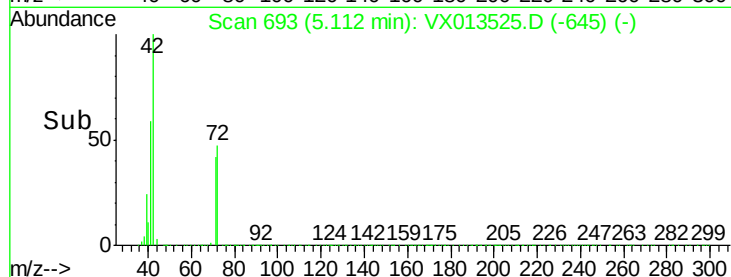
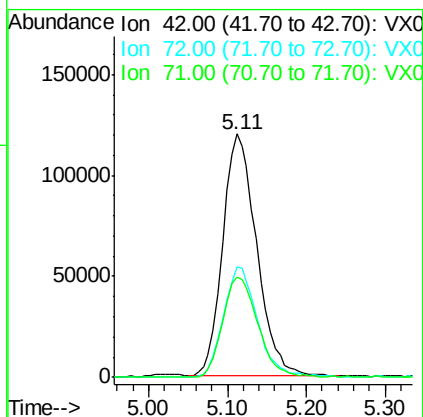
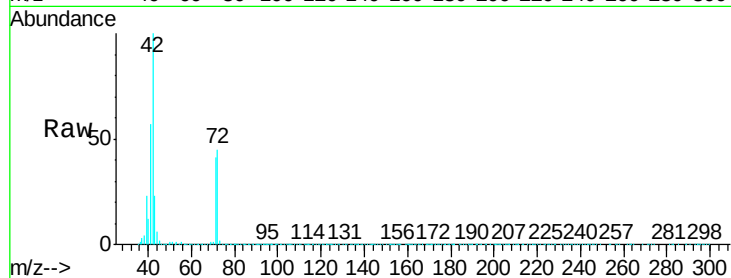




#29
Tetrahydrofuran
Concen: 93.654 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

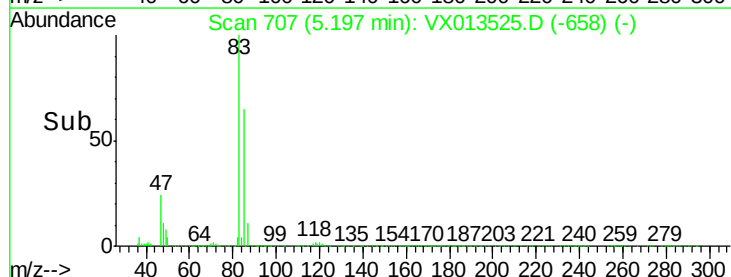
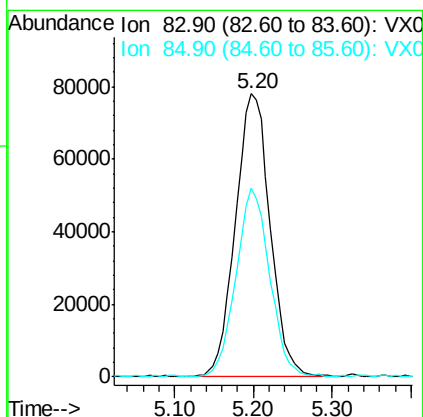
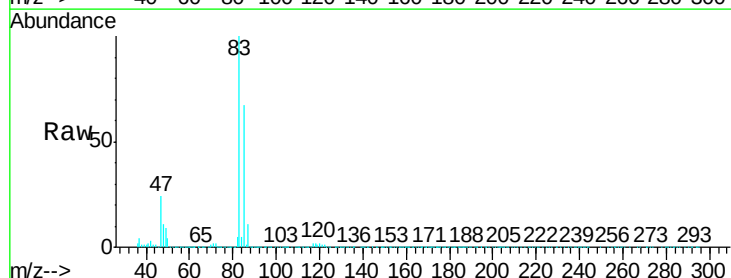
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

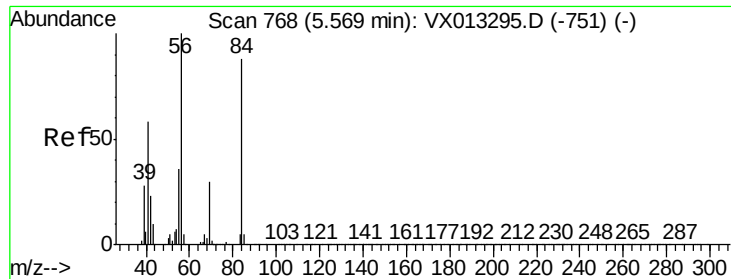
Tgt Ion: 42 Resp: 358083
Ion Ratio Lower Upper
42 100
72 45.9 35.8 53.8
71 42.2 33.4 50.0



#30
Chloroform
Concen: 18.691 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 83 Resp: 237771
Ion Ratio Lower Upper
83 100
85 66.4 50.2 75.4

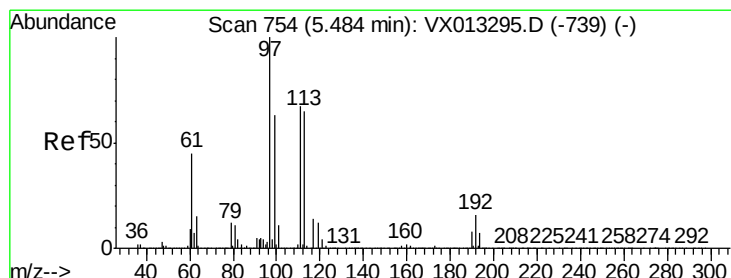
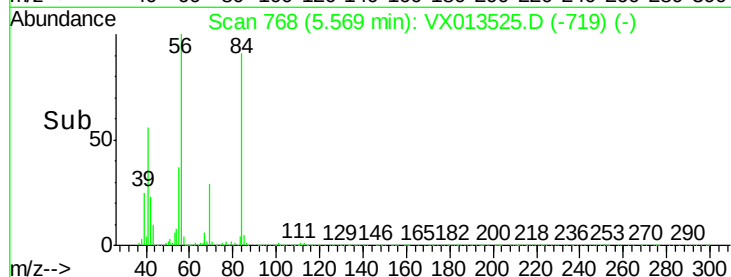
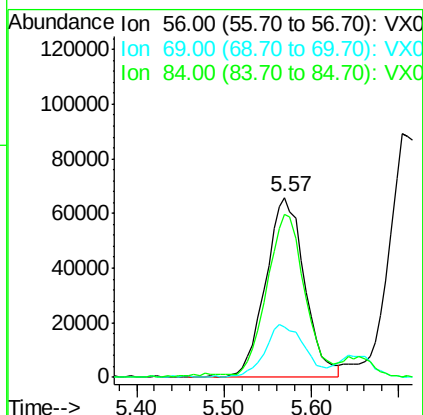
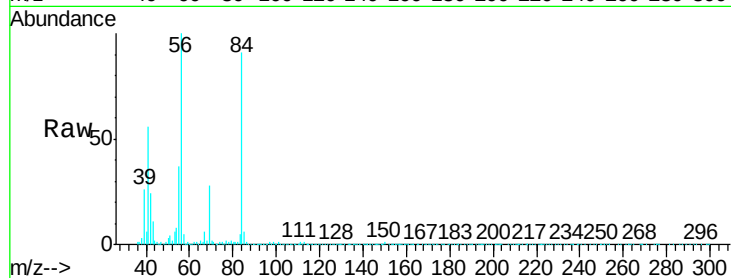




#31
Cyclohexane
Concen: 17.405 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

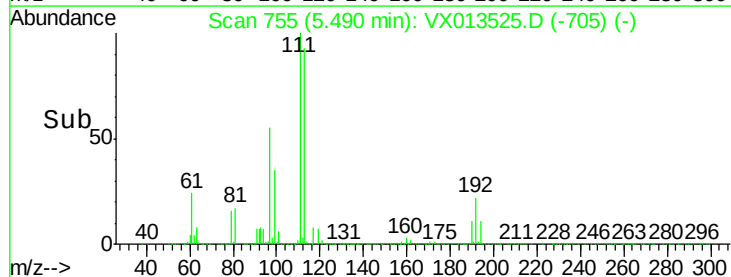
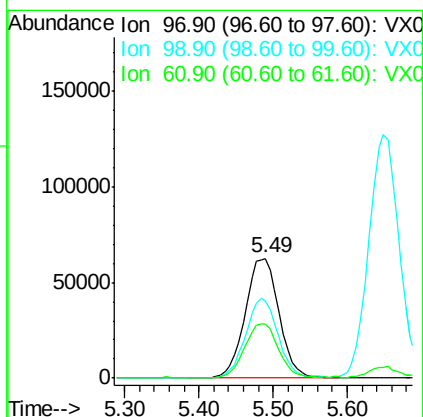
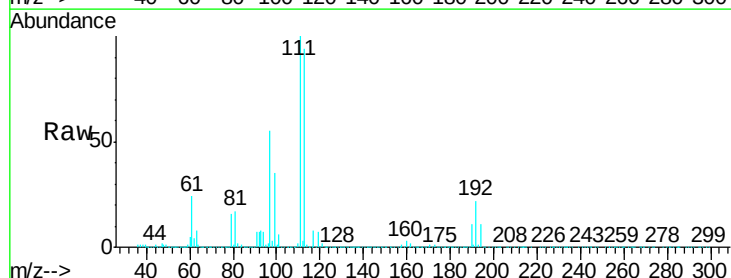
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

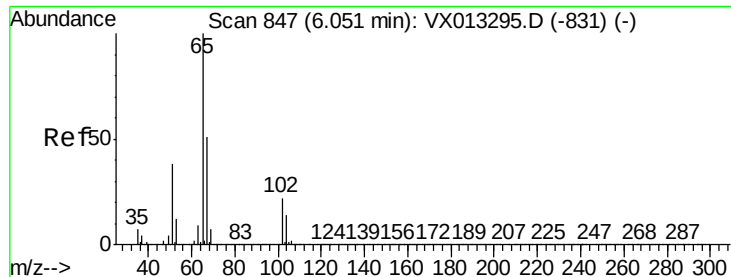
Tgt Ion: 56 Resp: 201766
Ion Ratio Lower Upper
56 100
69 27.5 23.7 35.5
84 90.0 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 18.092 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 97 Resp: 198072
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 45.2 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 45.420 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

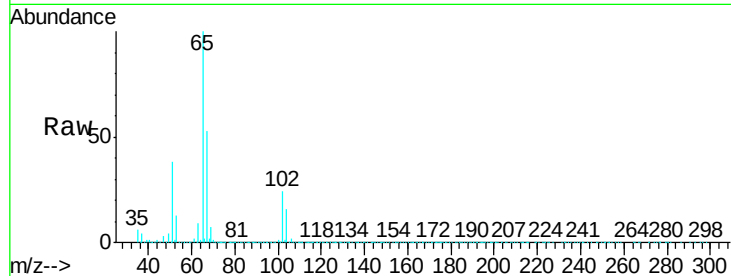
VX1122WBS02

Tgt Ion: 65 Resp: 385131

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

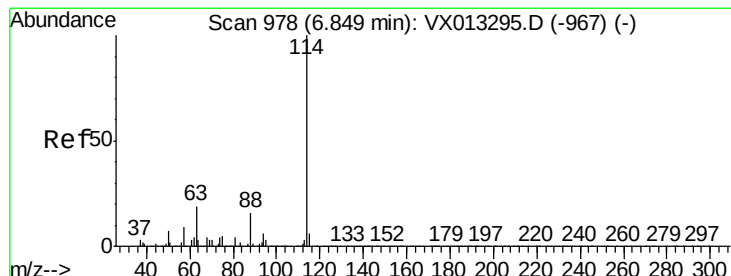
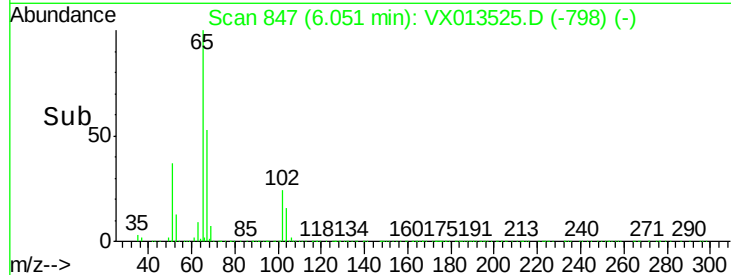
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

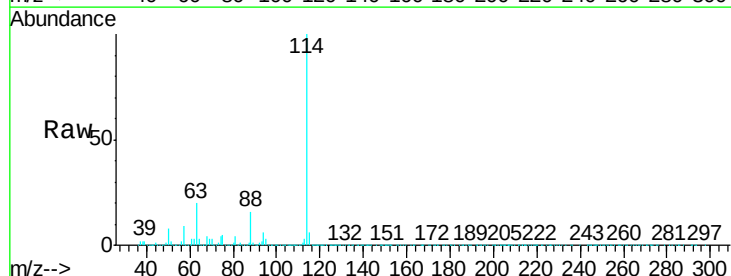
Tgt Ion: 114 Resp: 1111475

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 15.7 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

6.85

600000

500000

400000

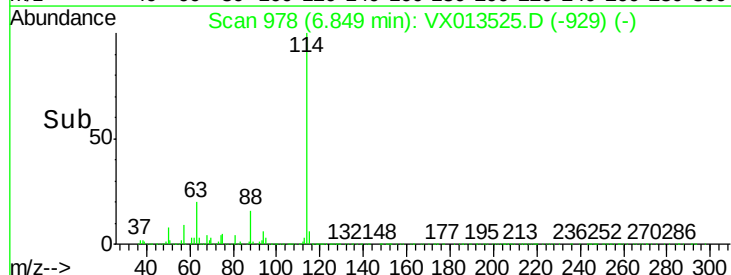
300000

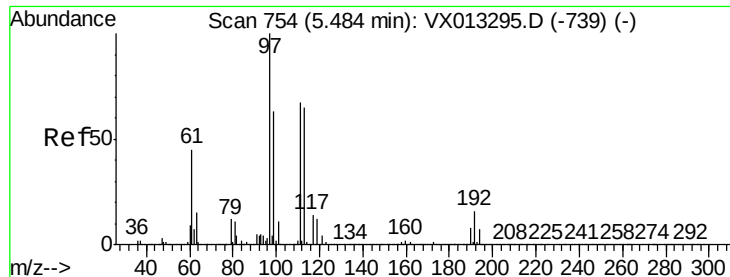
200000

100000

0

Time-->

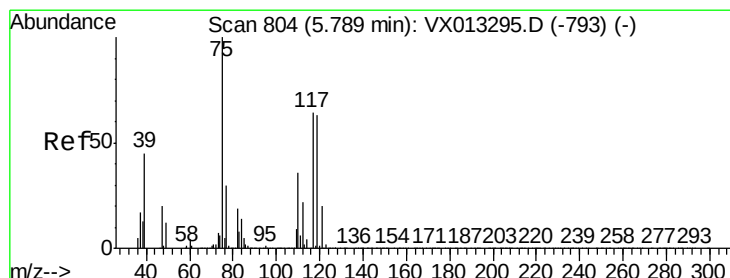
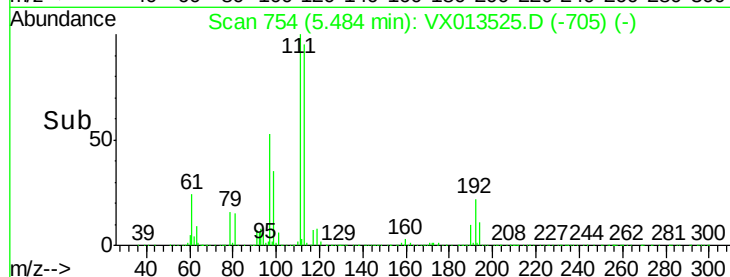
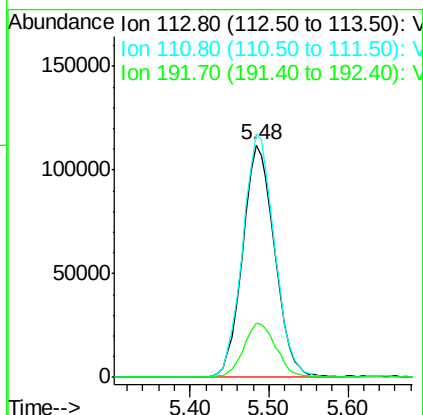
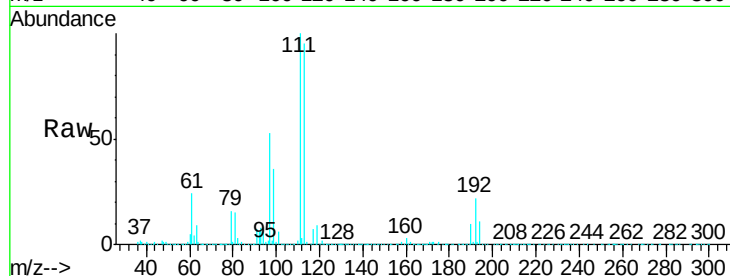




#35
 Dibromofluoromethane
 Concen: 45.403 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

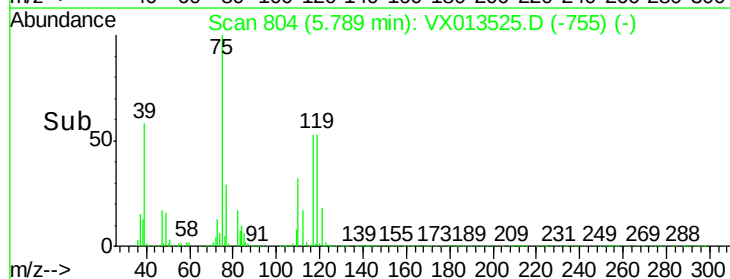
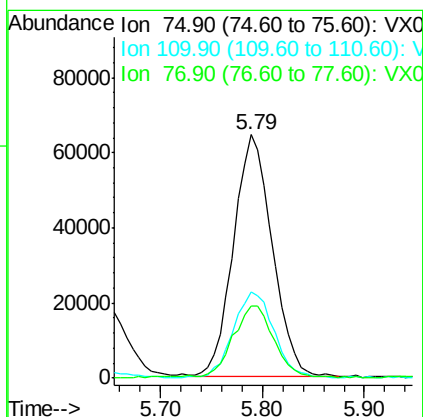
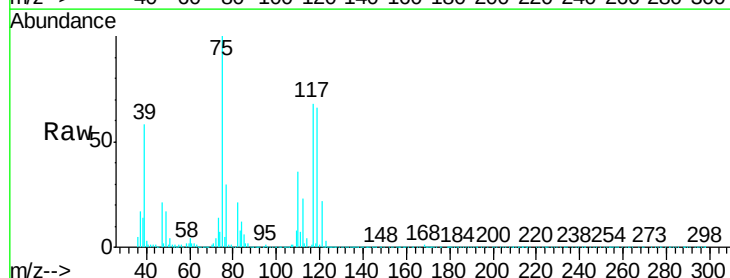
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

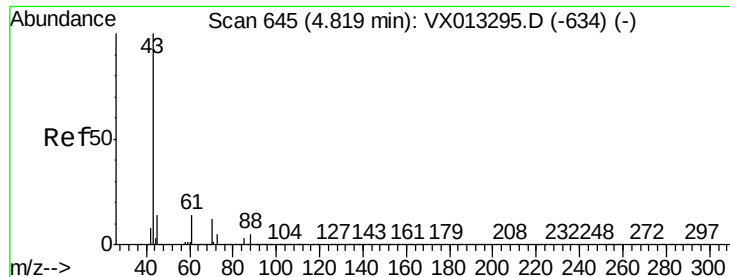
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.9	122.9
192	23.5	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 17.907 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.1	54.1
77	31.3	25.0	37.4

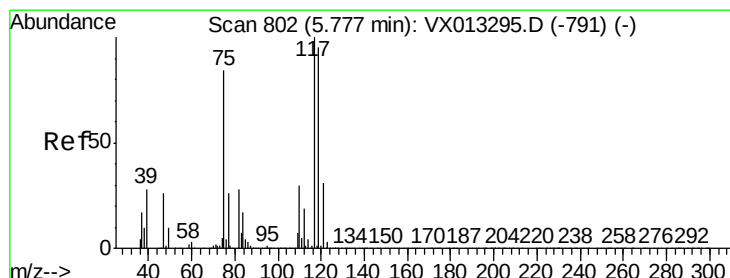
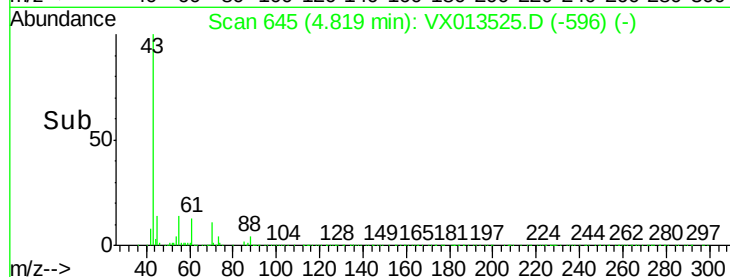
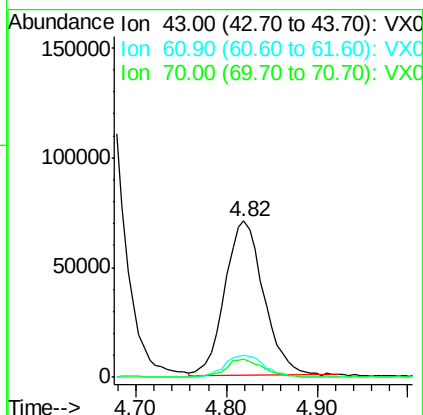
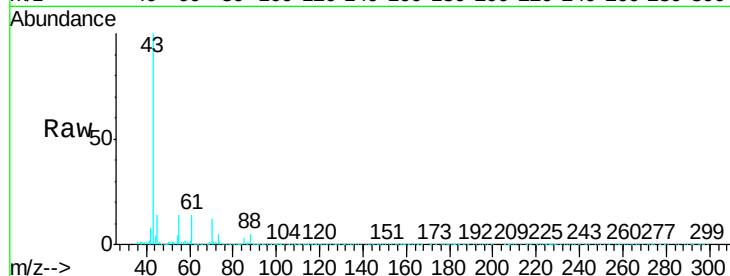




#37
Ethyl Acetate
Concen: 17.817 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

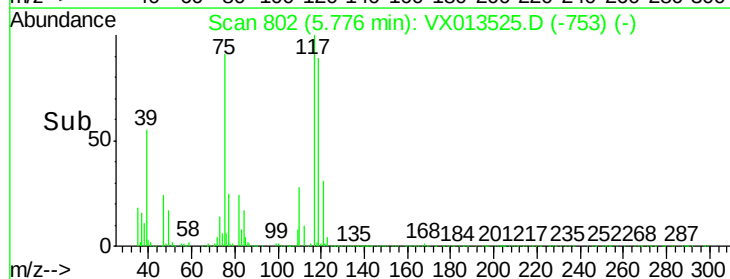
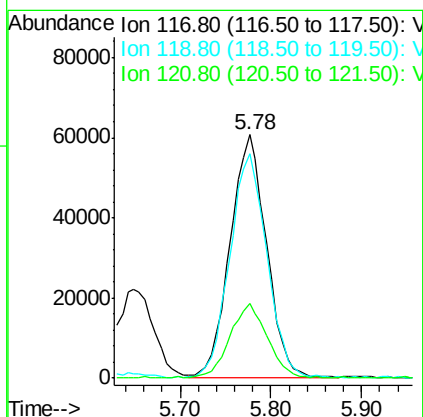
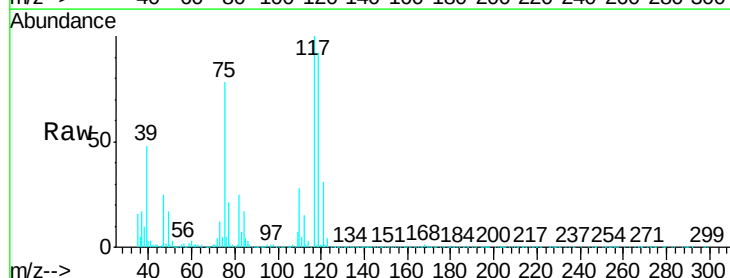
Instrument :
MSVOA_X
ClientSampled :
VX1122WBS02

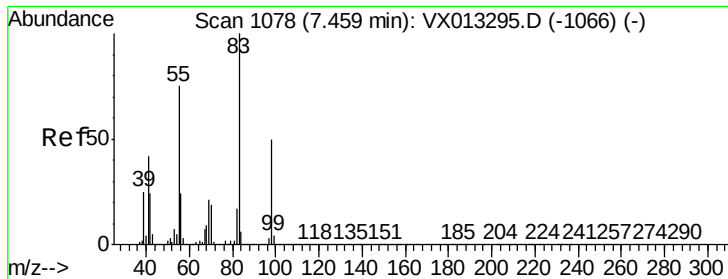
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.7	16.1
70	10.7	8.7	13.1



#38
Carbon Tetrachloride
Concen: 18.011 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.1	114.1
121	30.4	24.6	37.0

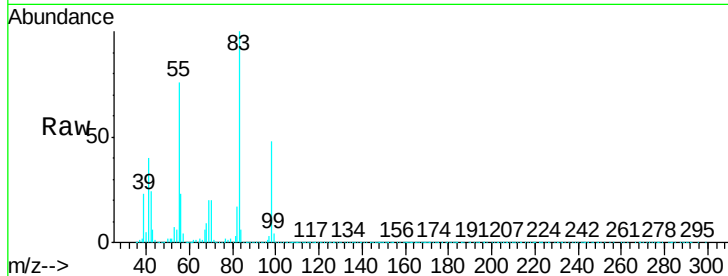




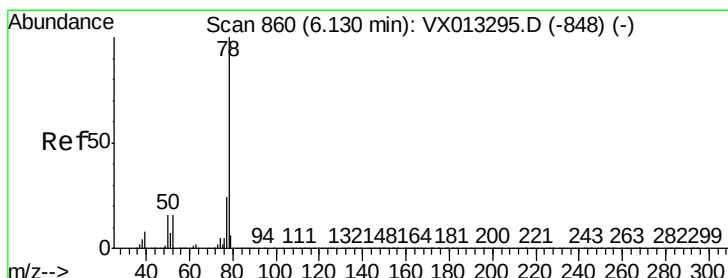
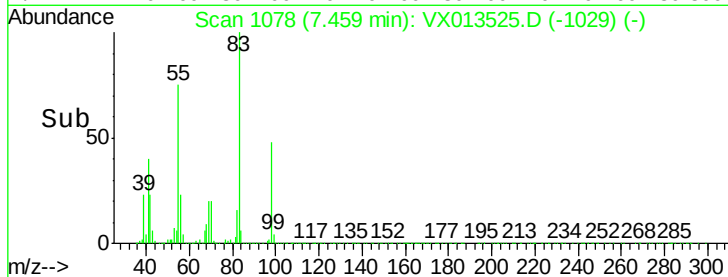
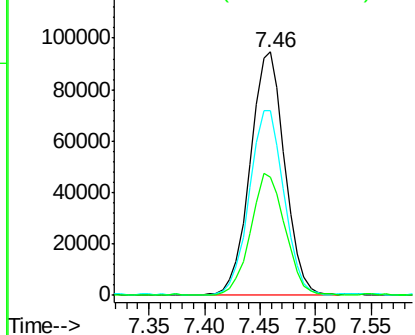
#39
Methylcyclohexane
Concen: 17.153 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.3	90.5
98	48.2	40.3	60.5

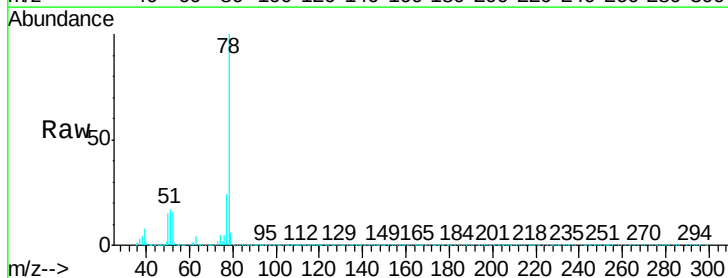


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

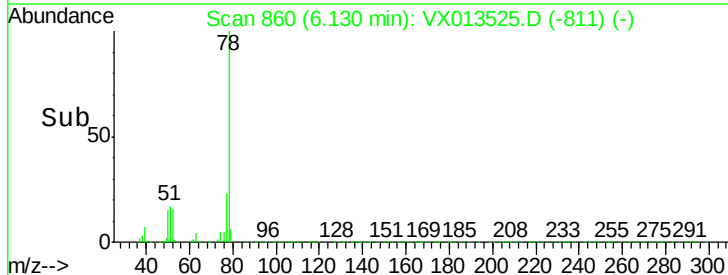
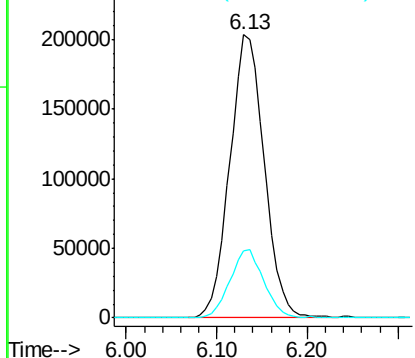


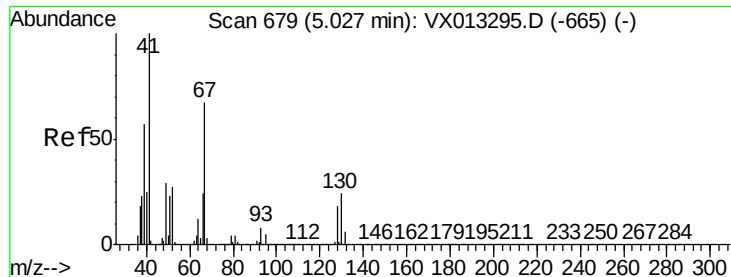
#40
Benzene
Concen: 18.006 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3



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

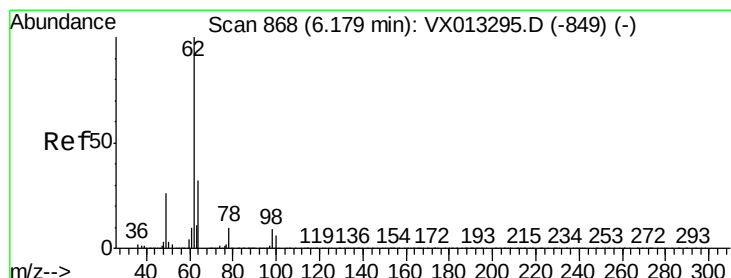
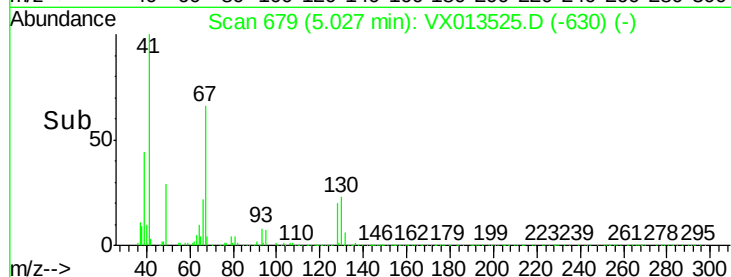
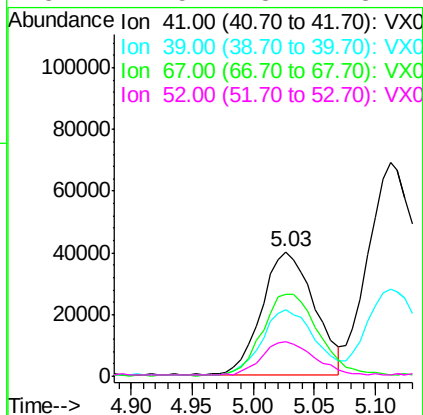
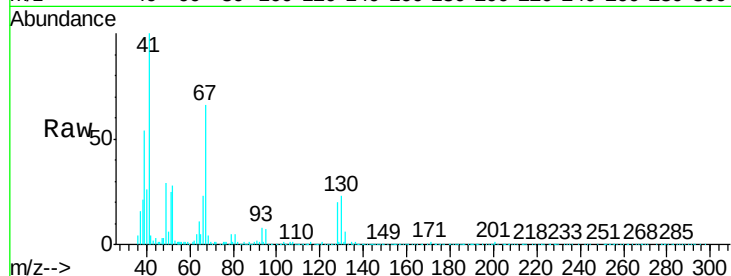




#41
Methacrylonitrile
Concen: 18.219 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

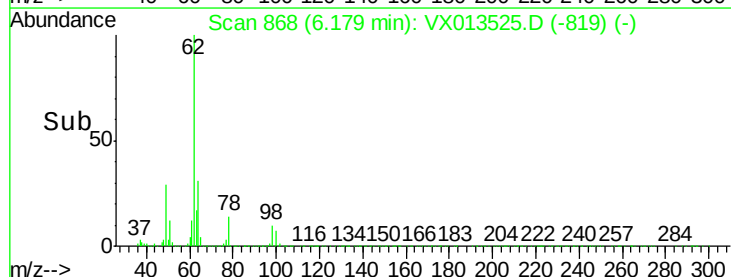
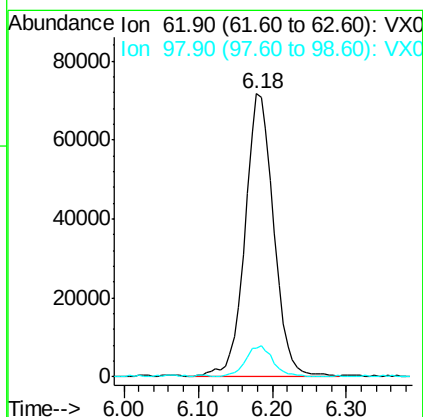
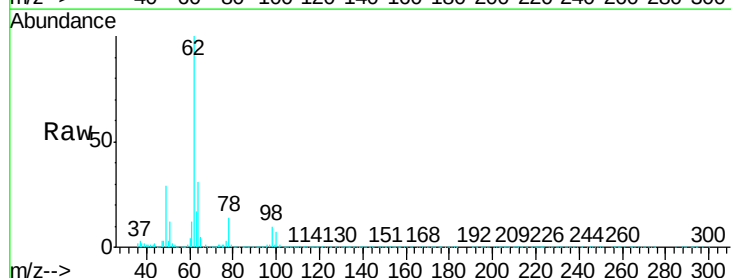
Instrument :
MSVOA_X
ClientSampled :
VX1122WBS02

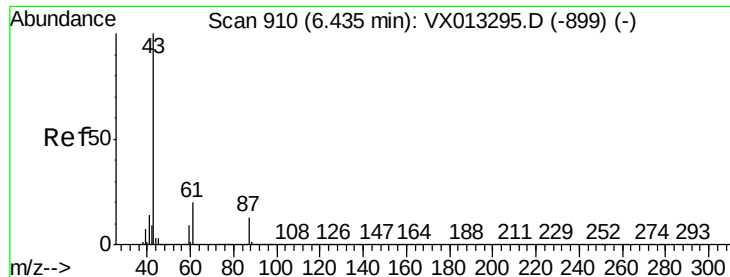
Tgt Ion:	41	Resp:	120316
Ion	Ratio	Lower	Upper
41	100		
39	53.5	45.0	67.6
67	69.5	55.4	83.2
52	27.5	23.1	34.7



#42
1,2-Dichloroethane
Concen: 17.903 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion:	62	Resp:	191804
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 18.421 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

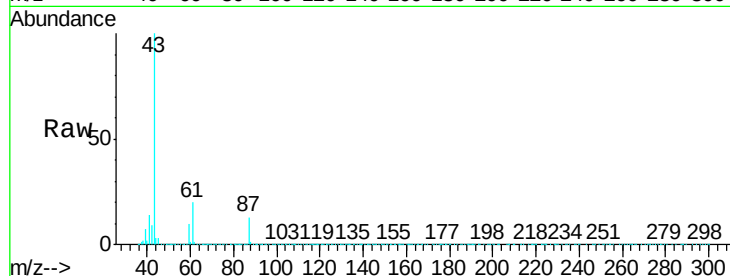
Tgt Ion: 43 Resp: 337971

Ion Ratio Lower Upper

43 100

61 20.8 15.8 23.8

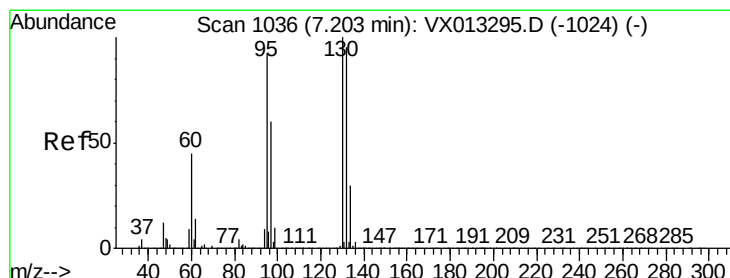
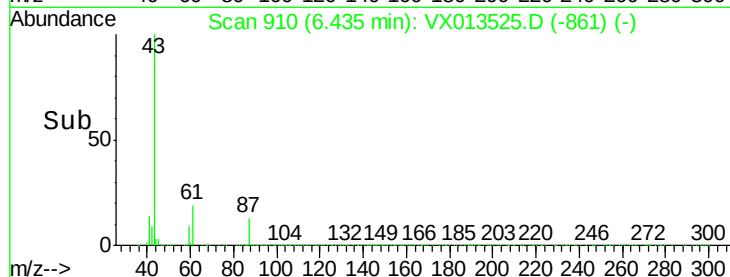
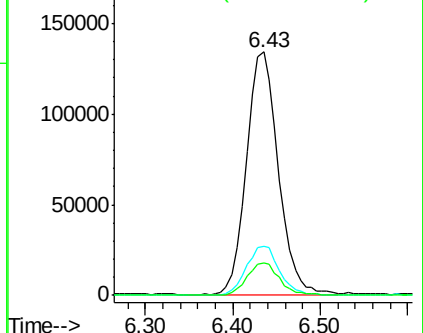
87 13.9 10.4 15.6



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: 17.836 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013525.D

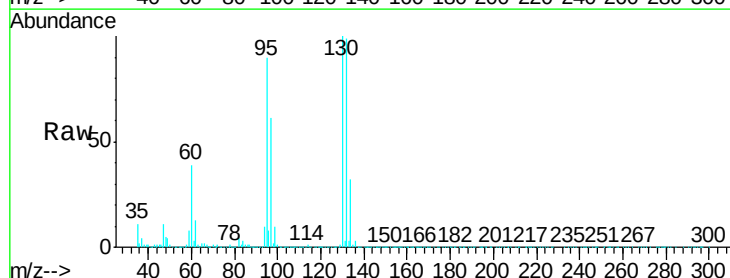
Acq: 22 Nov 2019 12:06

Tgt Ion: 130 Resp: 145822

Ion Ratio Lower Upper

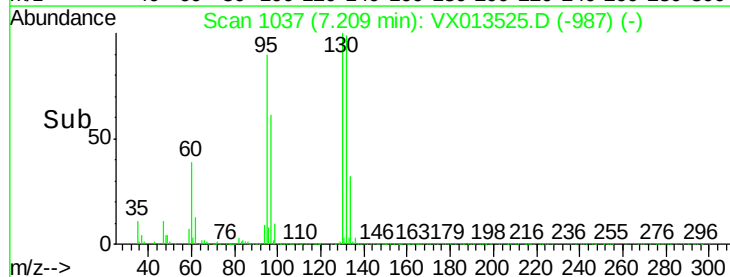
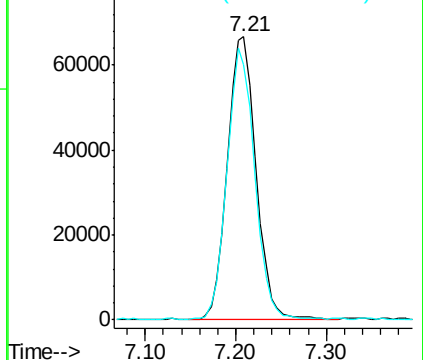
130 100

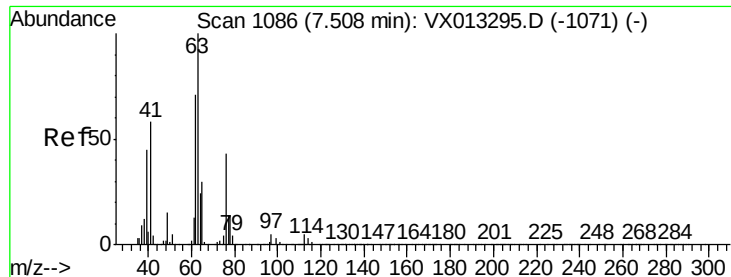
95 90.0 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

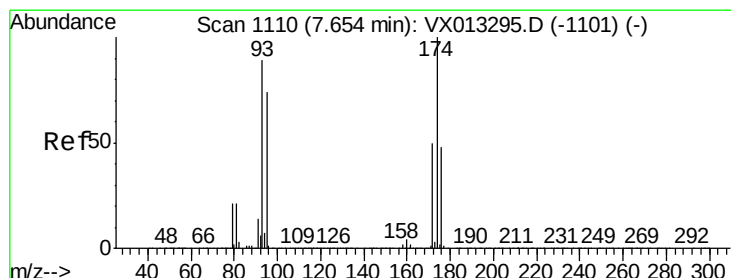
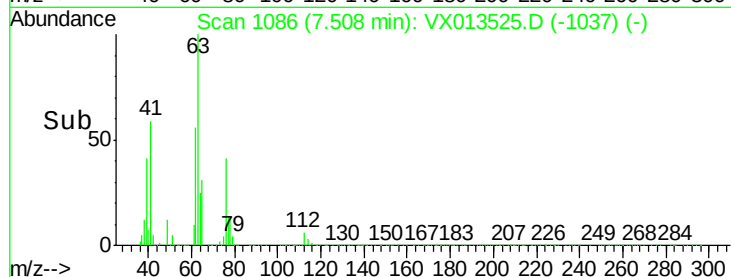
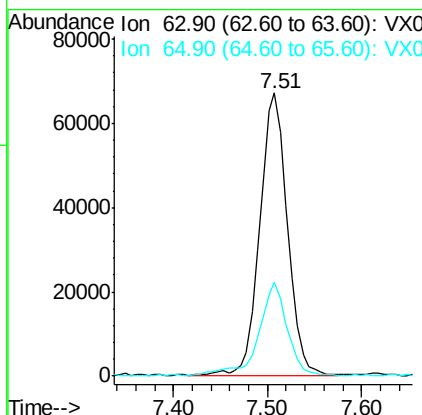
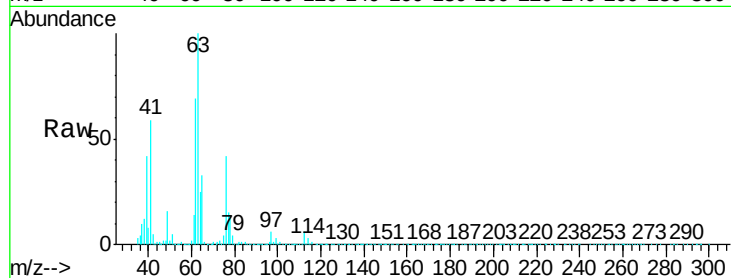




#45
 1,2-Dichloropropane
 Concen: 18.197 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

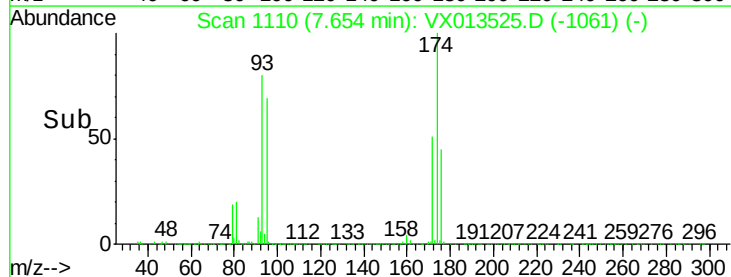
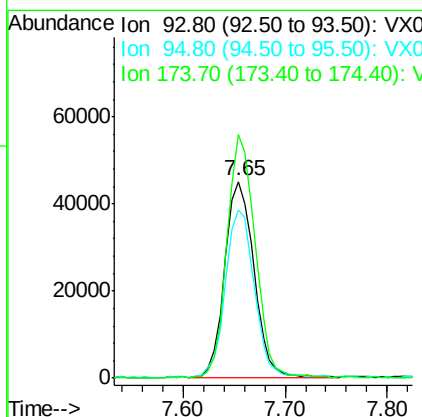
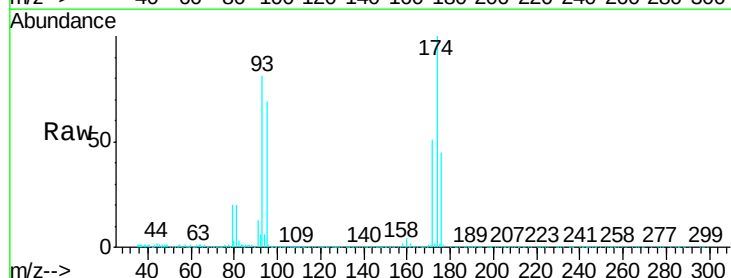
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

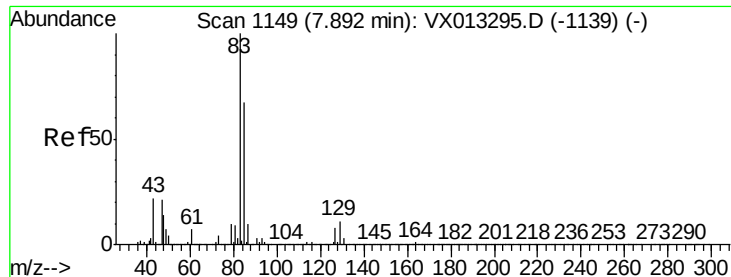
Tgt Ion: 63 Resp: 137708
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.3 36.5



#46
 Dibromomethane
 Concen: 17.259 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion: 93 Resp: 89180
 Ion Ratio Lower Upper
 93 100
 95 85.9 65.8 98.6
 174 119.8 90.4 135.6





#47

Bromodichloromethane

Concen: 18.618 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

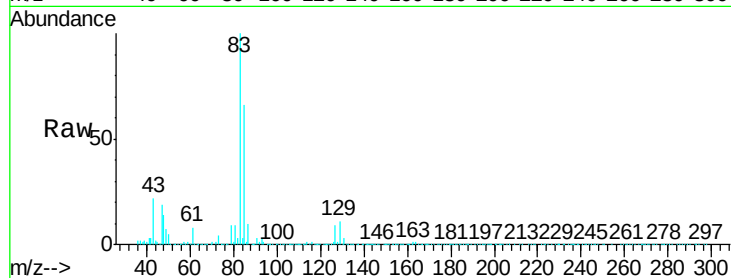
Tgt Ion: 83 Resp: 181405

Ion Ratio Lower Upper

83 100

85 65.6 53.7 80.5

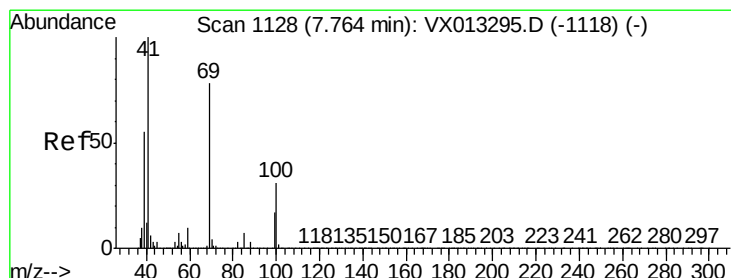
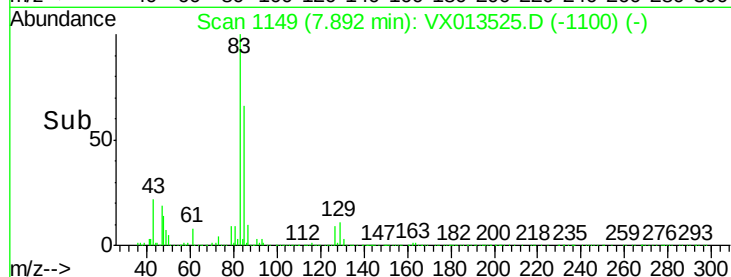
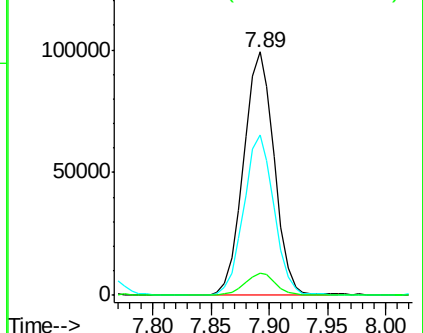
127 9.1 6.4 9.6



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: 18.471 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

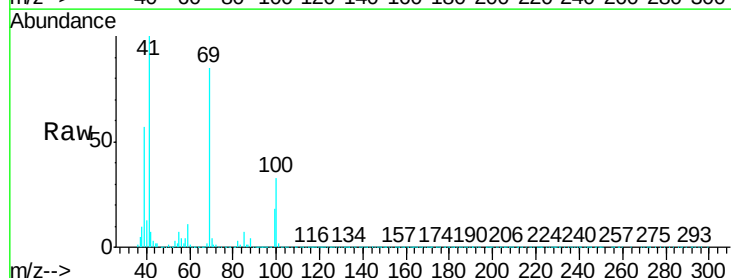
Tgt Ion: 41 Resp: 169162

Ion Ratio Lower Upper

41 100

69 81.2 63.0 94.6

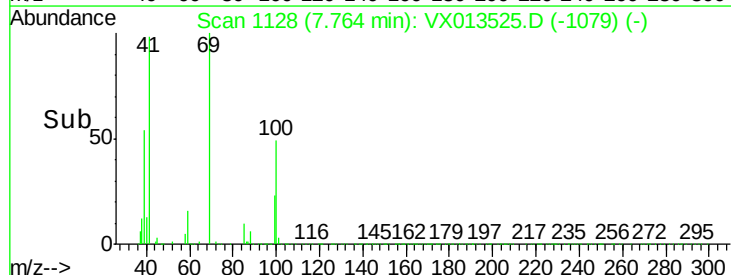
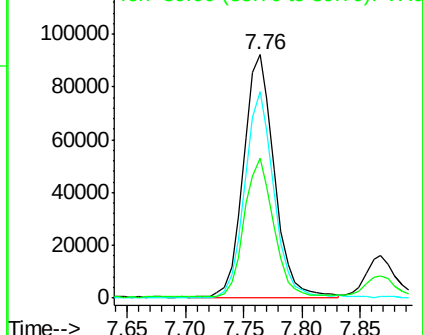
39 54.4 45.9 68.9

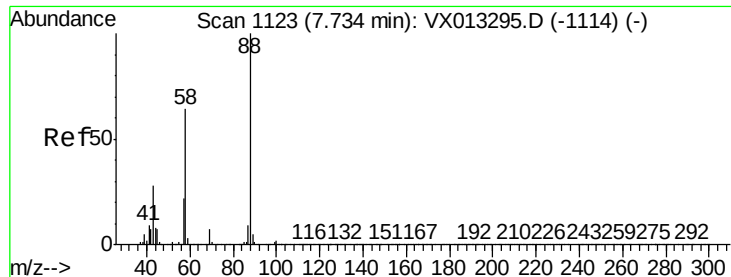


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 319.872 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

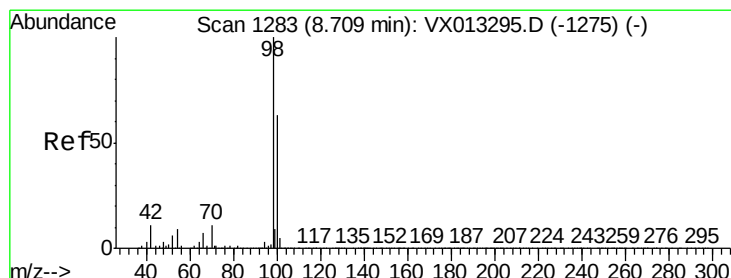
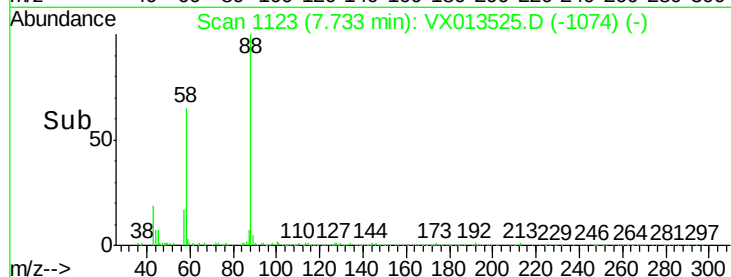
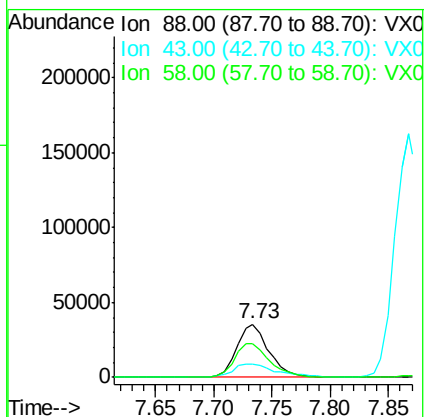
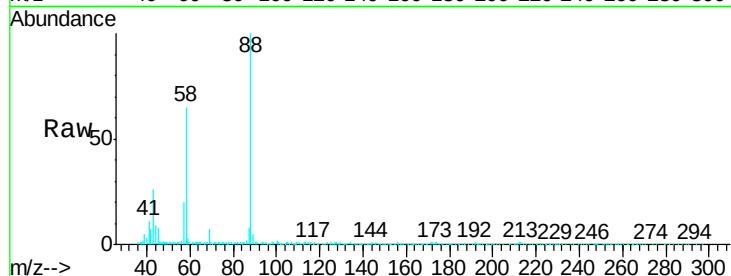
Tgt Ion: 88 Resp: 67089

Ion Ratio Lower Upper

88 100

43 32.4 26.6 39.8

58 68.5 55.0 82.6



#50

Toluene-d8

Concen: 45.210 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013525.D

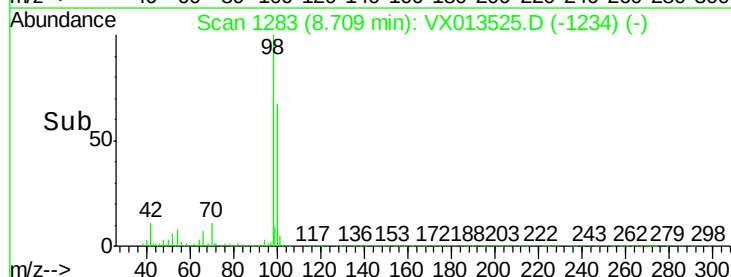
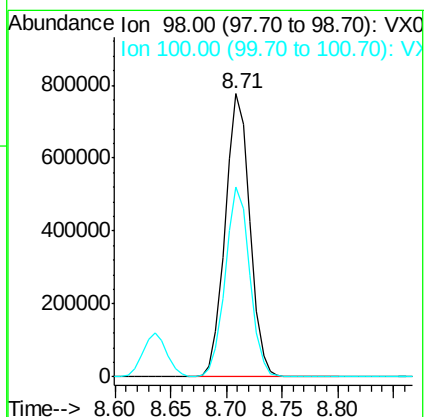
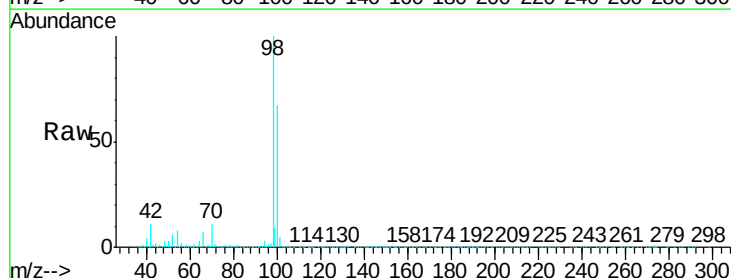
Acq: 22 Nov 2019 12:06

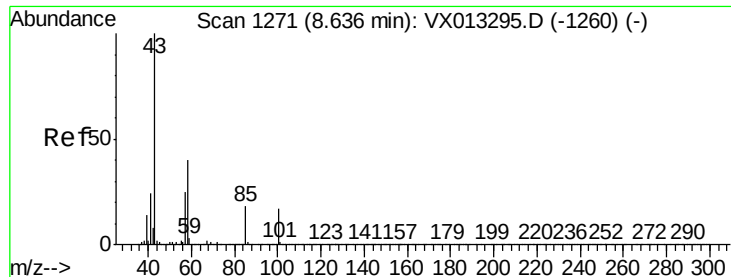
Tgt Ion: 98 Resp: 1188160

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 91.973 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

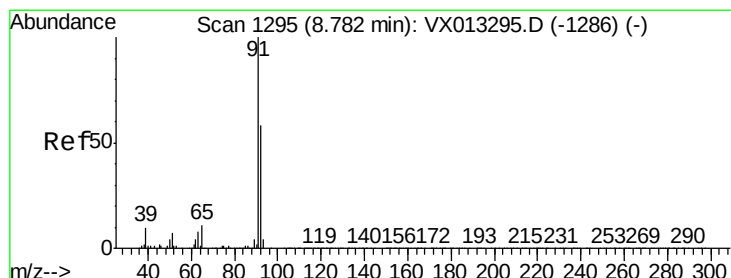
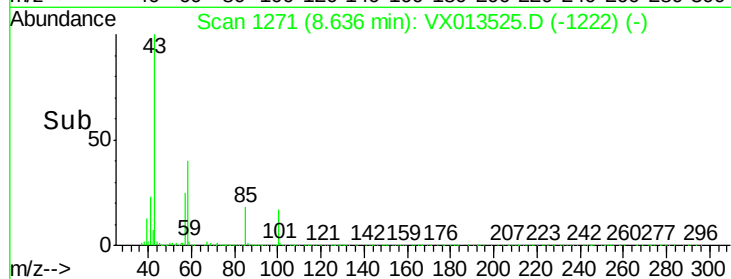
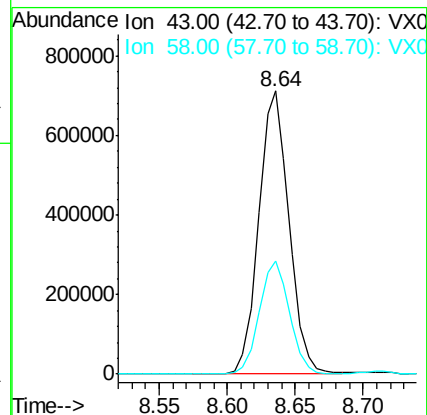
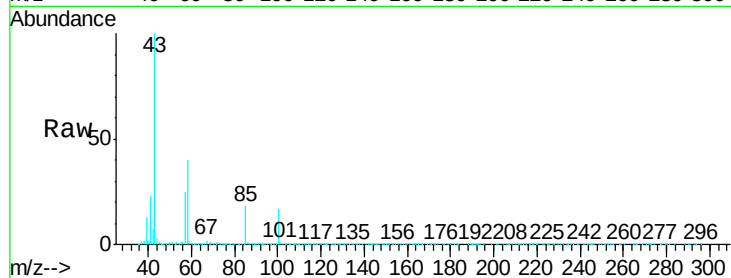
VX1122WBS02

Tgt Ion: 43 Resp: 1107094

Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.0



#52

Toluene

Concen: 18.315 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013525.D

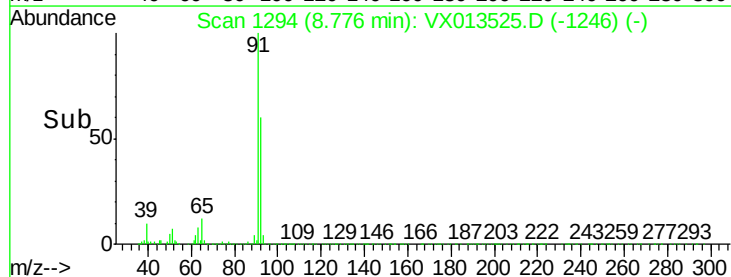
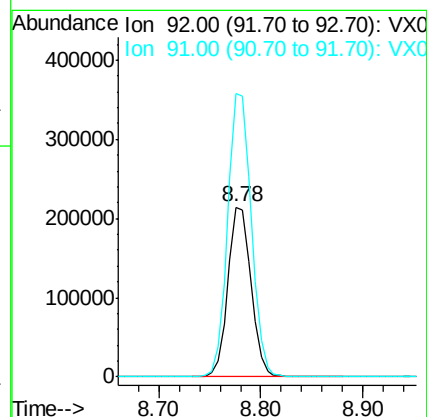
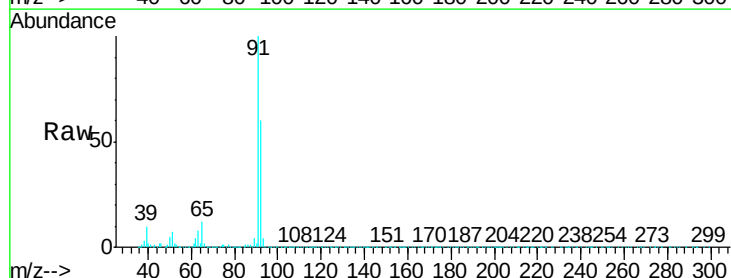
Acq: 22 Nov 2019 12:06

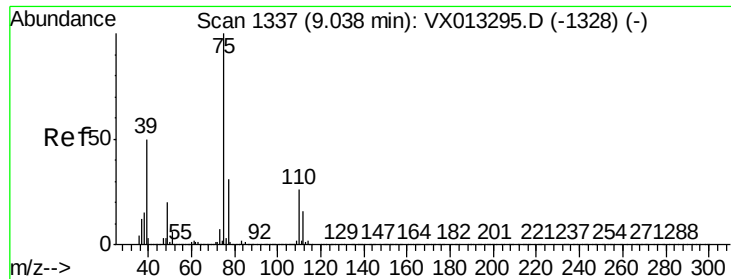
Tgt Ion: 92 Resp: 337151

Ion Ratio Lower Upper

92 100

91 170.0 138.0 207.0

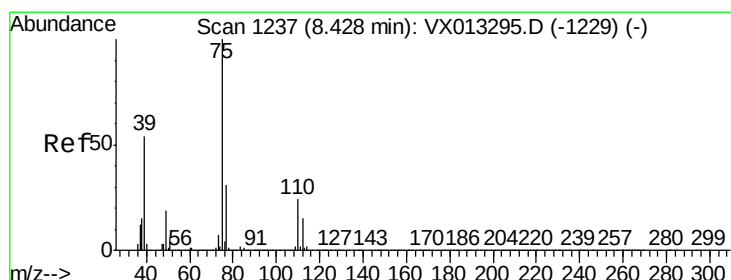
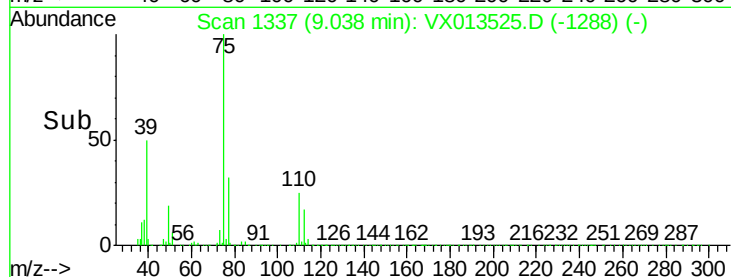
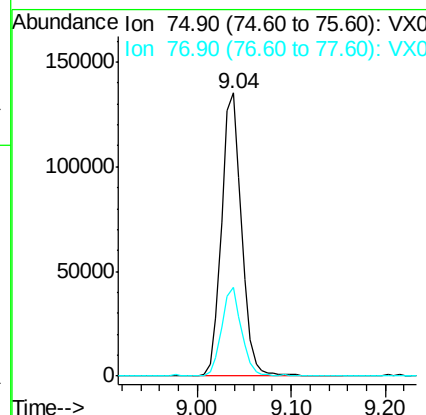
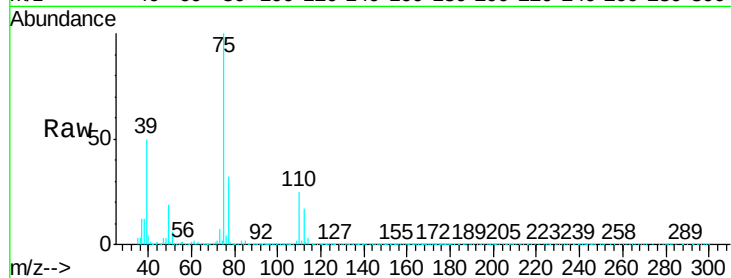




#53
t-1,3-Dichloropropene
Concen: 18.611 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

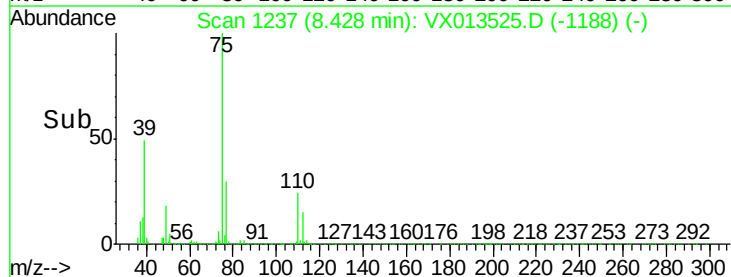
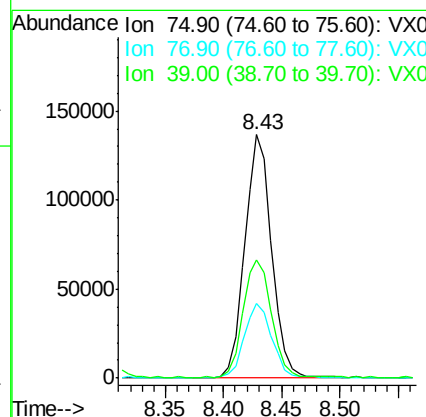
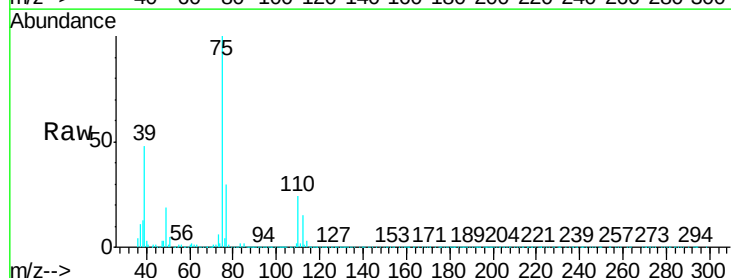
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

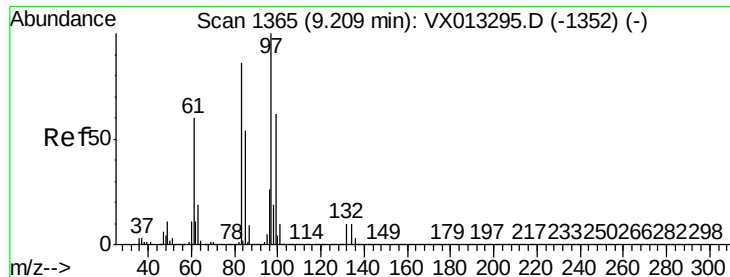
Tgt Ion: 75 Resp: 198288
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.313 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 75 Resp: 218260
Ion Ratio Lower Upper
75 100
77 30.4 24.7 37.1
39 48.3 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 18.876 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tgt Ion: 97 Resp: 144029

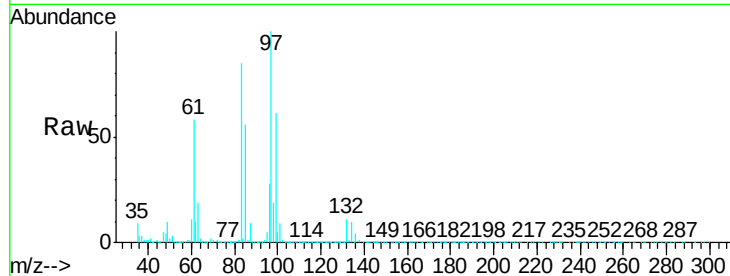
Ion Ratio Lower Upper

97 100

83 85.4 68.6 103.0

85 55.8 43.1 64.7

99 61.0 49.4 74.0

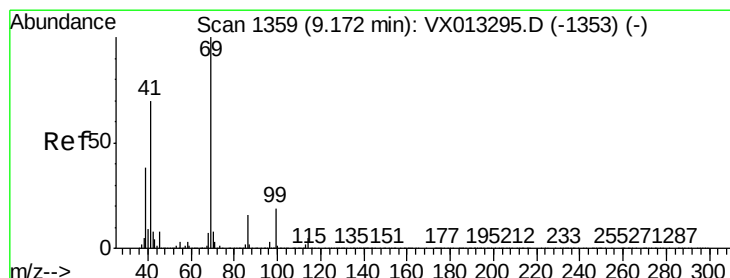
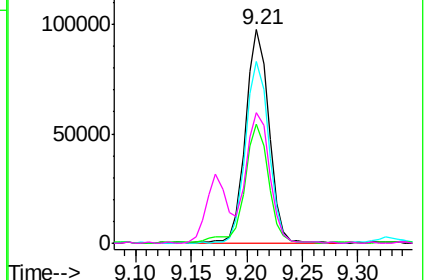
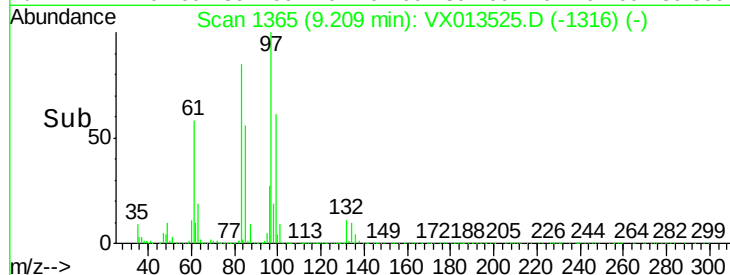


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.277 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

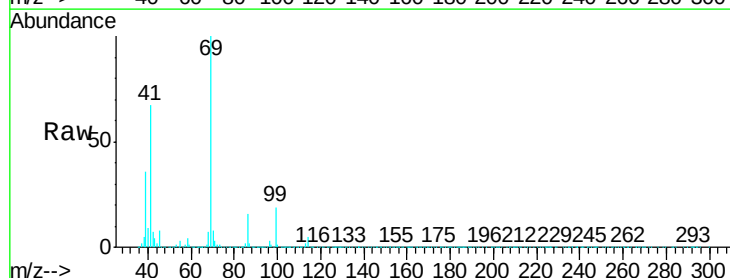
Tgt Ion: 69 Resp: 224753

Ion Ratio Lower Upper

69 100

41 67.5 56.2 84.2

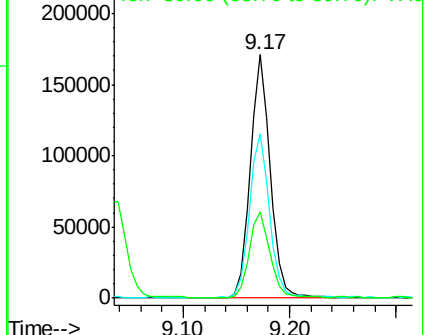
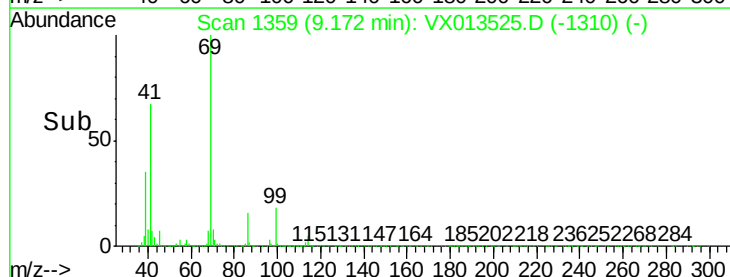
39 36.2 31.1 46.7

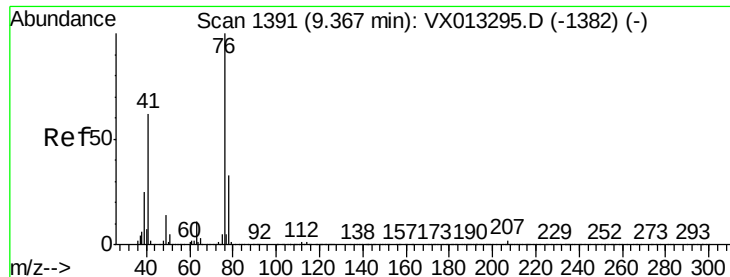


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.564 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

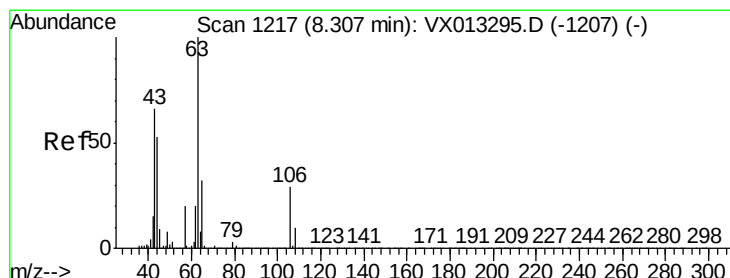
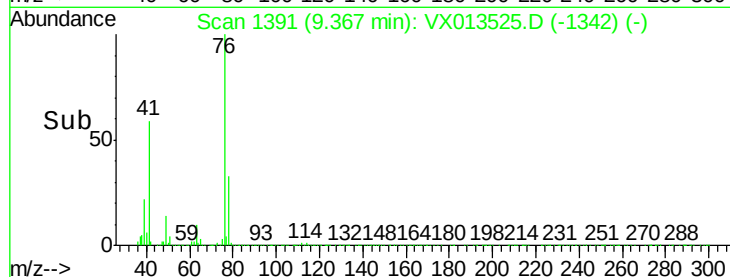
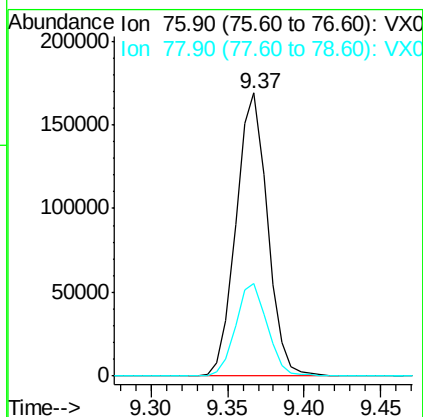
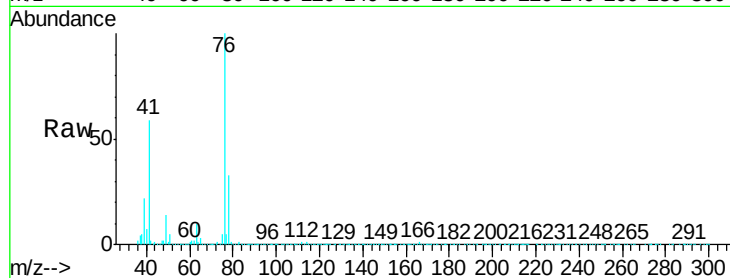
VX1122WBS02

Tgt Ion: 76 Resp: 240458

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 88.262 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013525.D

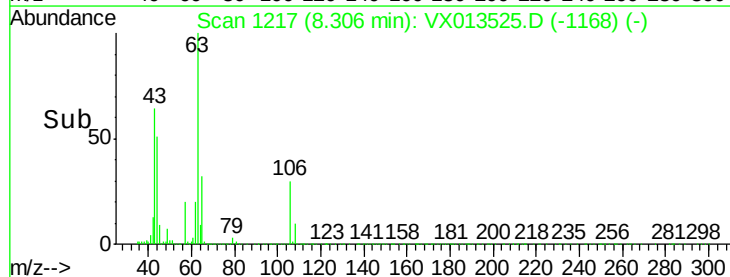
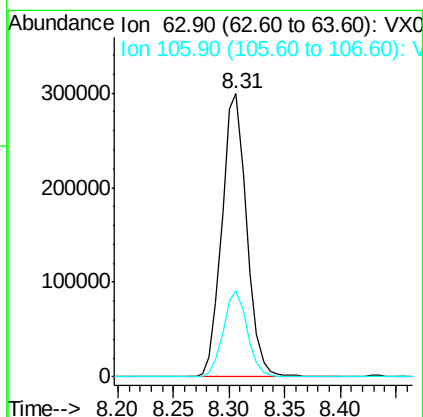
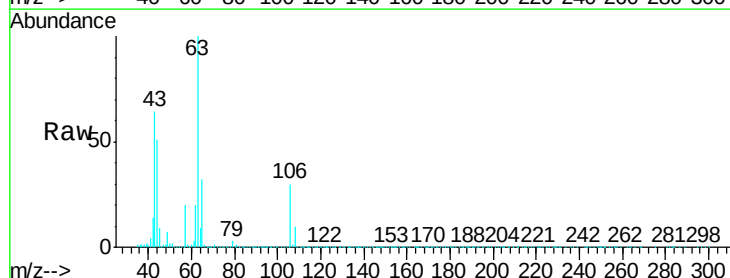
Acq: 22 Nov 2019 12:06

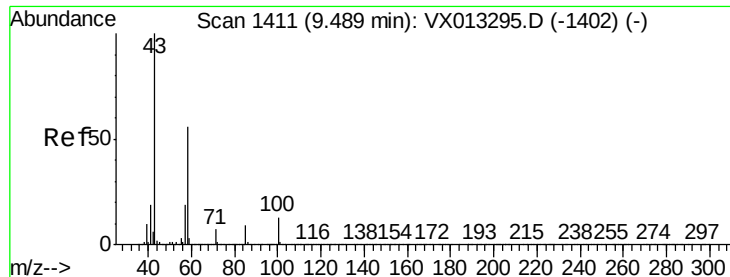
Tgt Ion: 63 Resp: 460478

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2

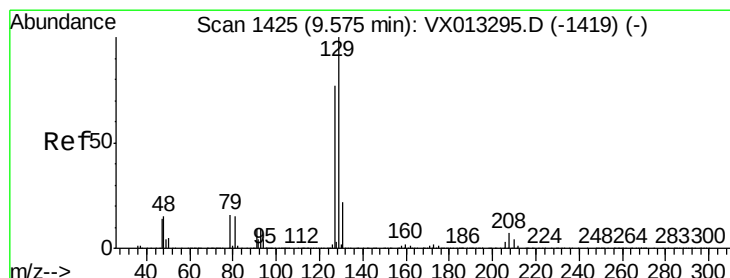
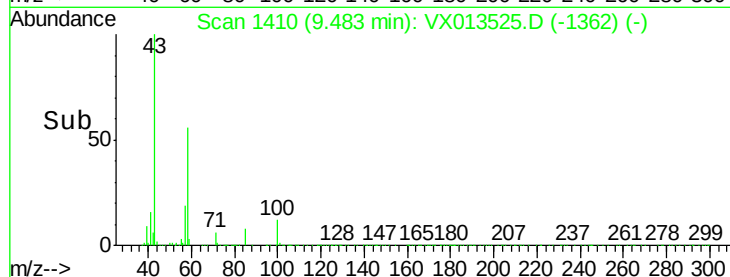
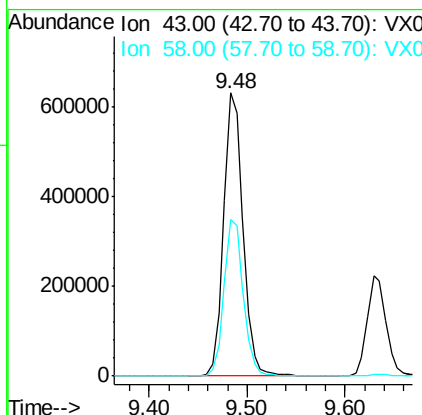
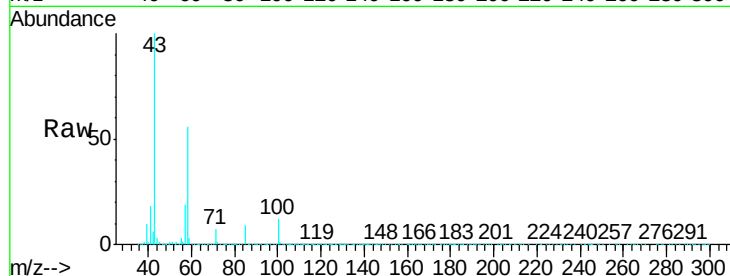




#59
2-Hexanone
Concen: 93.085 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

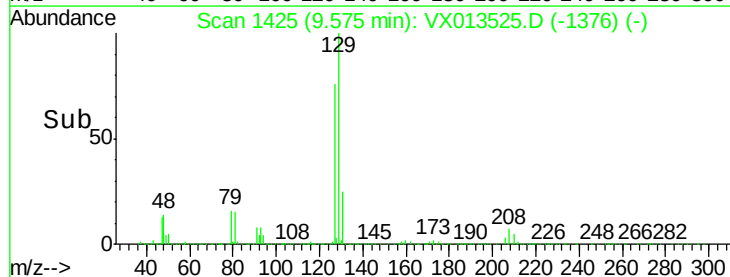
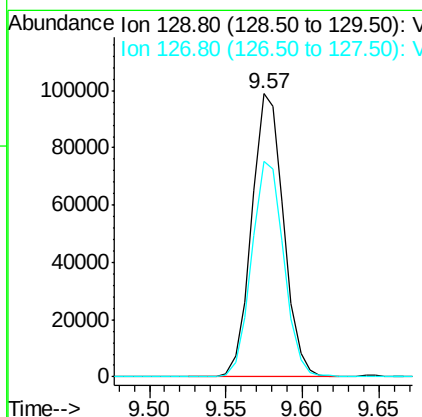
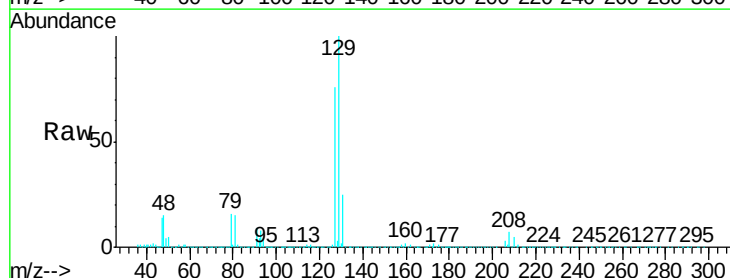
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

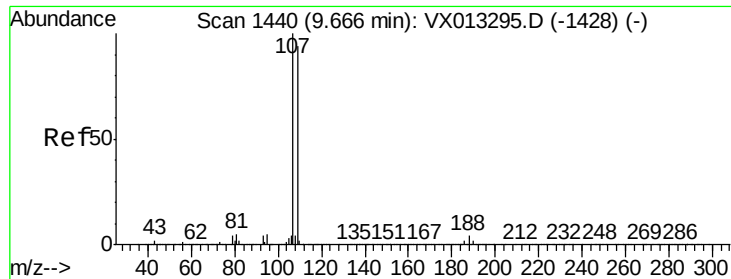
Tgt Ion: 43 Resp: 865879
Ion Ratio Lower Upper
43 100
58 55.7 27.3 81.8



#60
Dibromochloromethane
Concen: 18.346 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 129 Resp: 143167
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.816 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

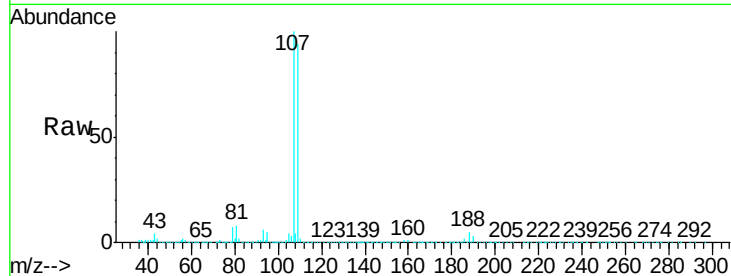
VX1122WBS02

Tgt Ion: 107 Resp: 144354

Ion Ratio Lower Upper

107 100

109 97.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

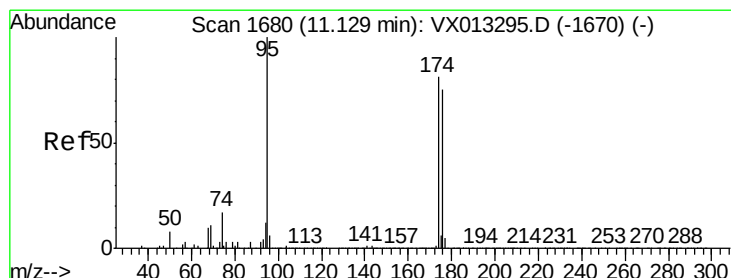
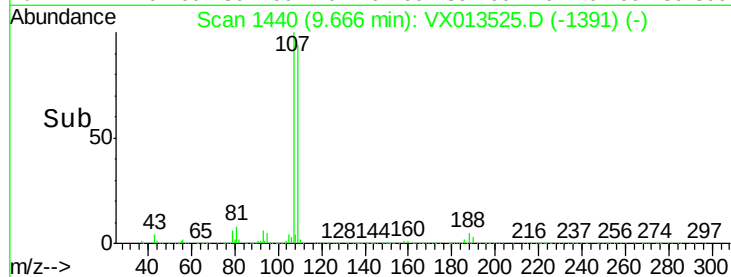
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.818 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

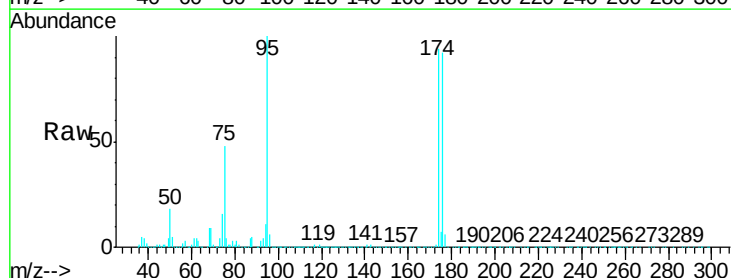
Tgt Ion: 95 Resp: 425101

Ion Ratio Lower Upper

95 100

174 88.3 0.0 179.8

176 87.4 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

400000

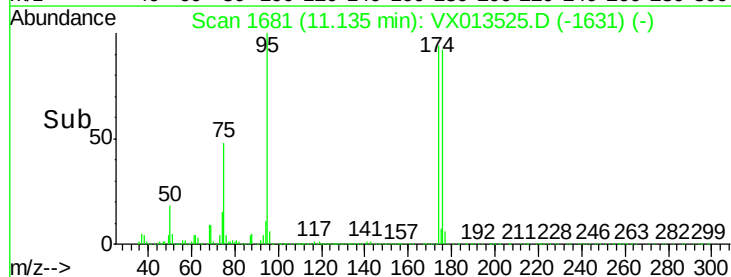
300000

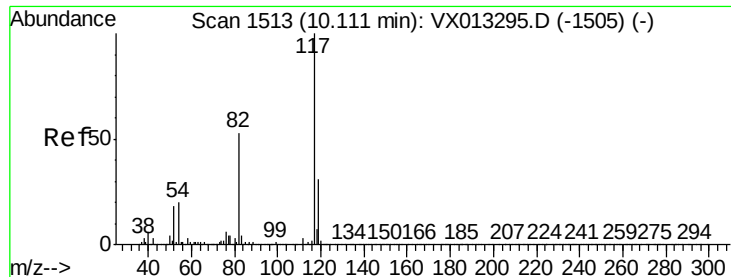
200000

100000

0

Time-->

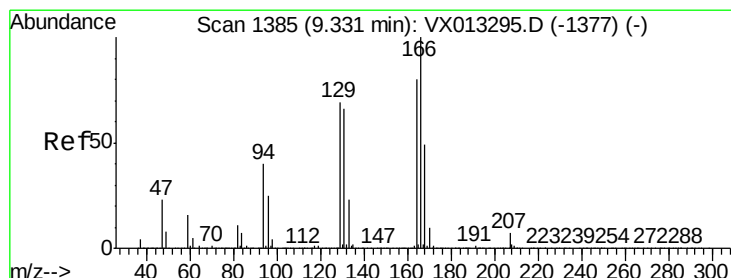
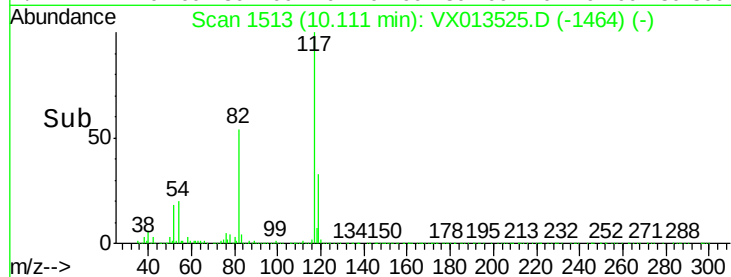
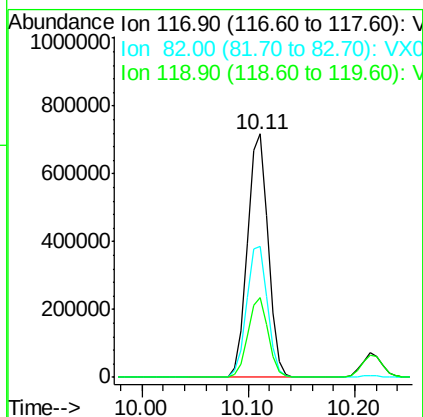
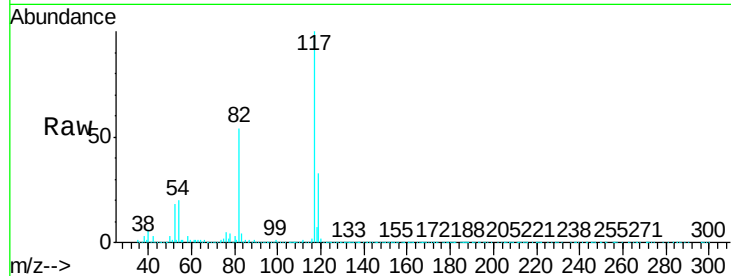




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

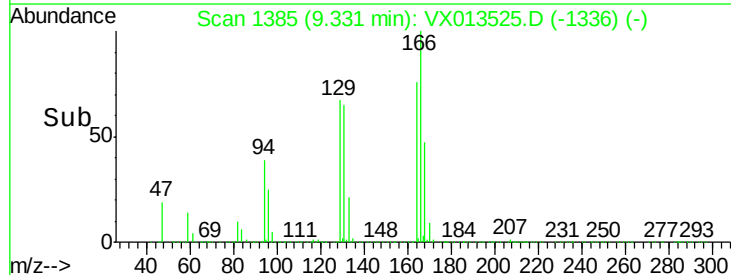
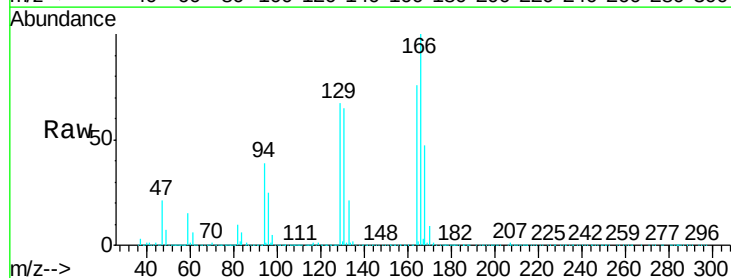
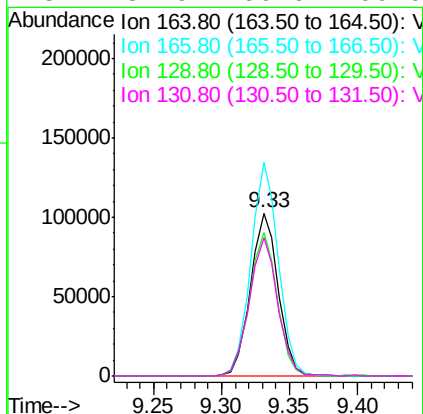
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

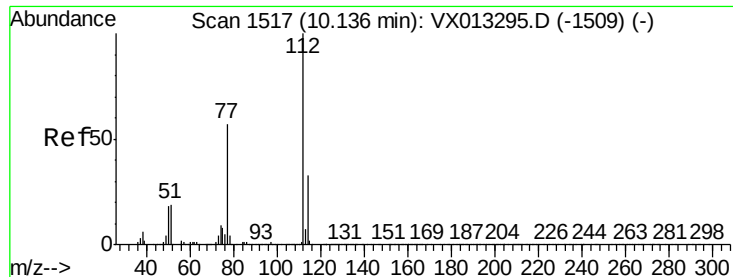
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.6	64.0
119	32.6	24.8	37.2



#64
Tetrachloroethene
Concen: 20.983 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	100.4	150.6
129	87.7	69.4	104.2
131	84.9	66.6	100.0





#65

Chlorobenzene

Concen: 18.378 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

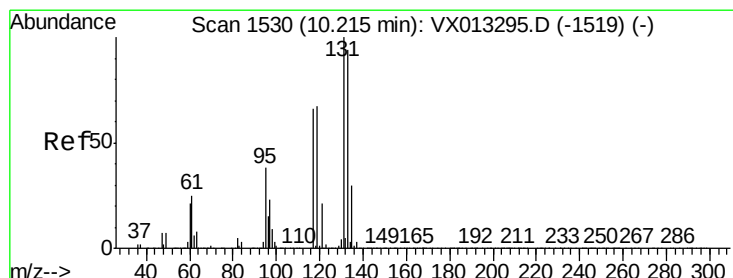
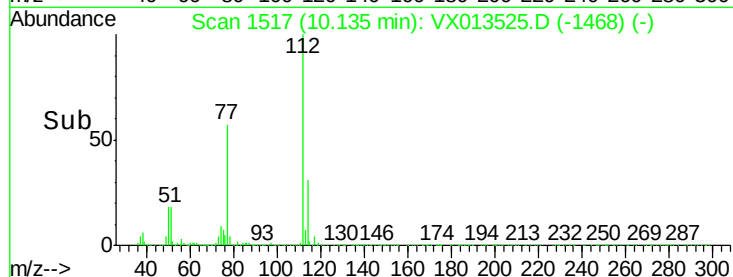
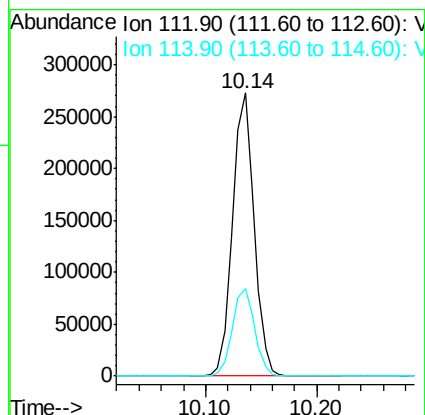
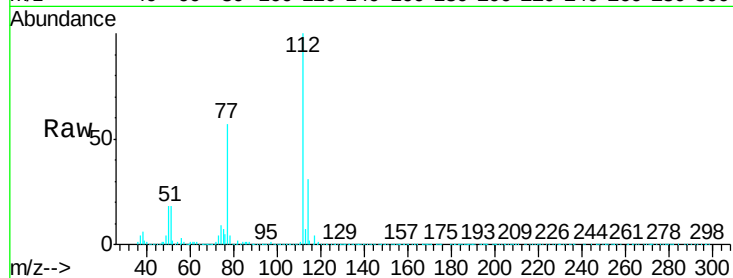
VX1122WBS02

Tgt Ion:112 Resp: 365087

Ion Ratio Lower Upper

112 100

114 31.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.770 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

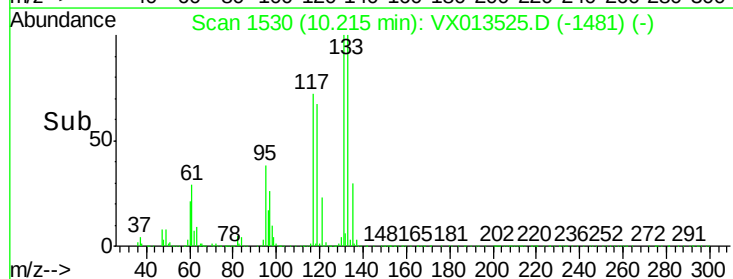
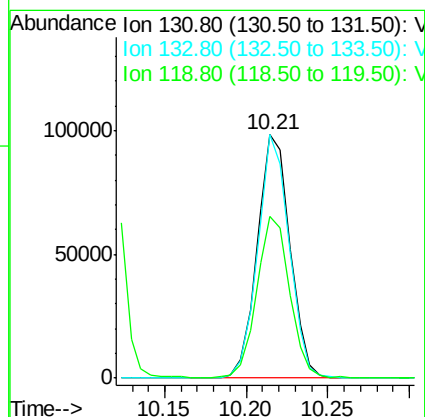
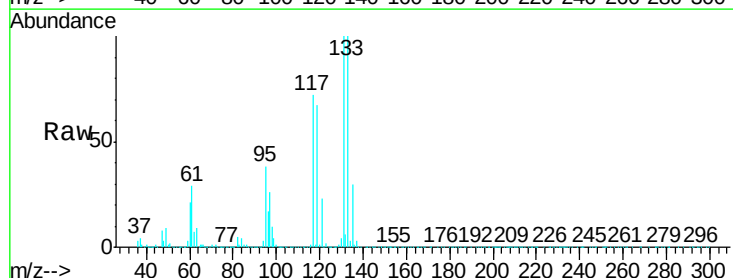
Tgt Ion:131 Resp: 136904

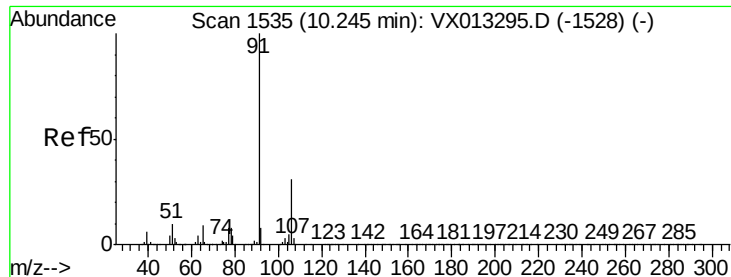
Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.0

119 66.5 33.0 99.0





#67

Ethyl Benzene

Concen: 18.515 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

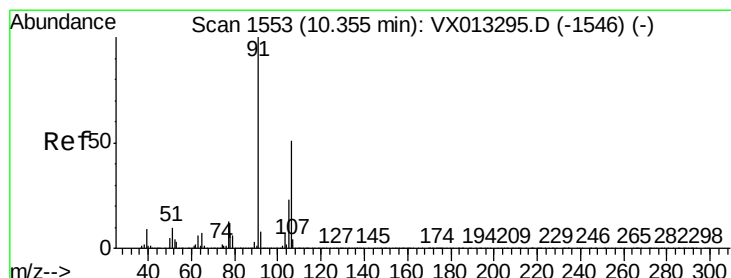
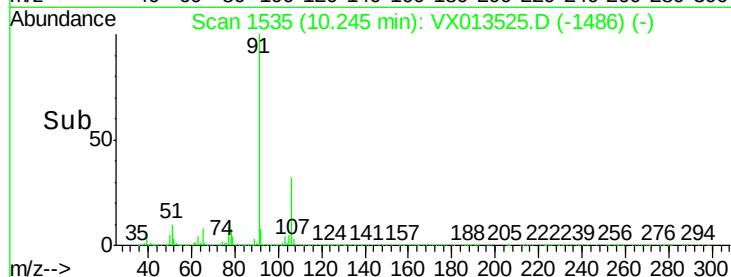
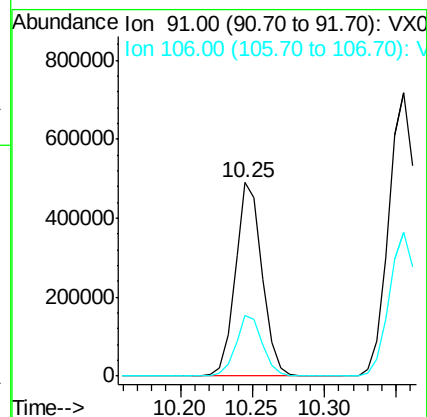
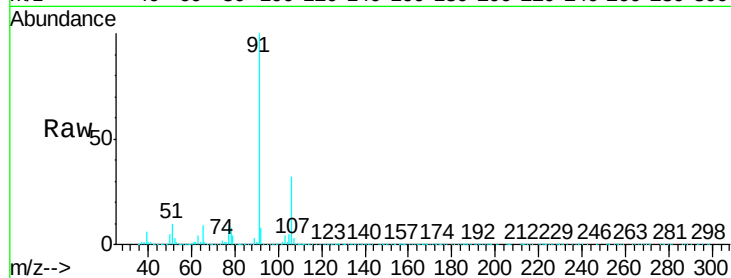
VX1122WBS02

Tgt Ion: 91 Resp: 634774

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 37.138 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013525.D

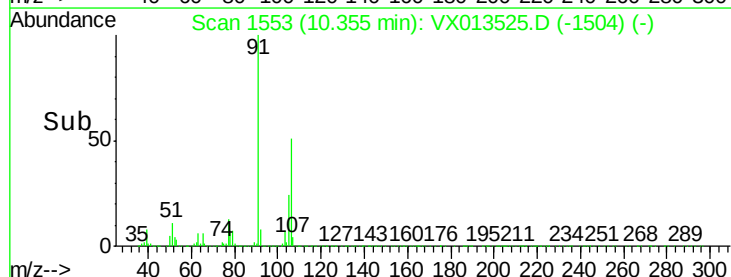
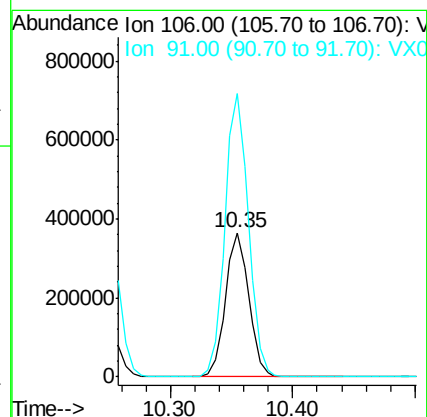
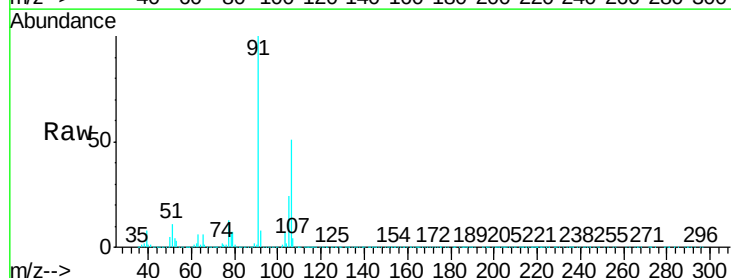
Acq: 22 Nov 2019 12:06

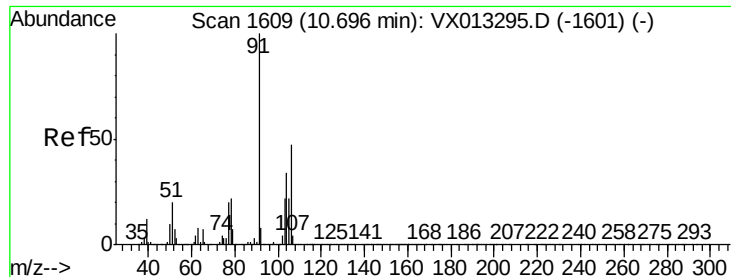
Tgt Ion: 106 Resp: 481544

Ion Ratio Lower Upper

106 100

91 198.6 159.3 238.9

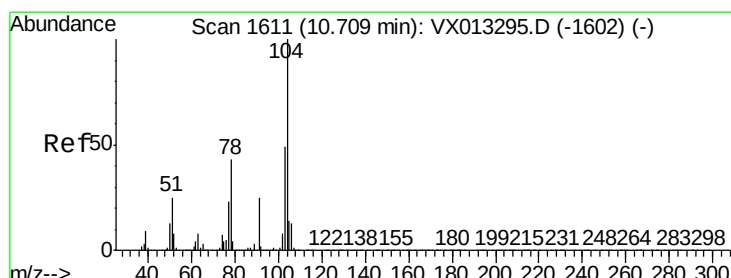
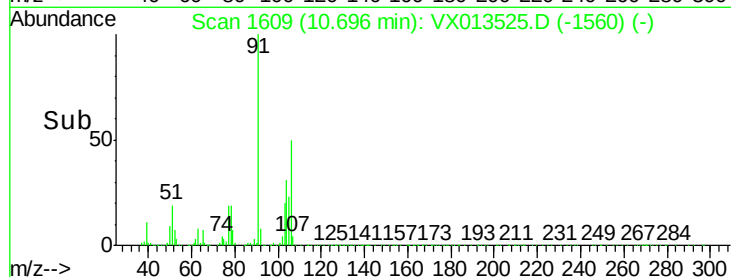
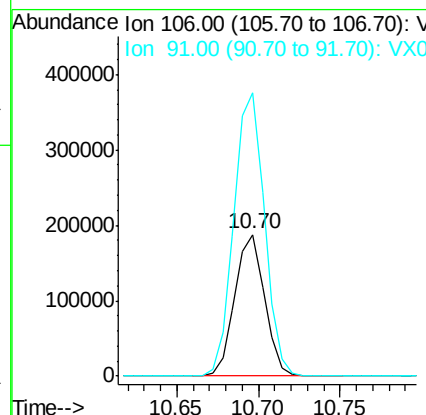
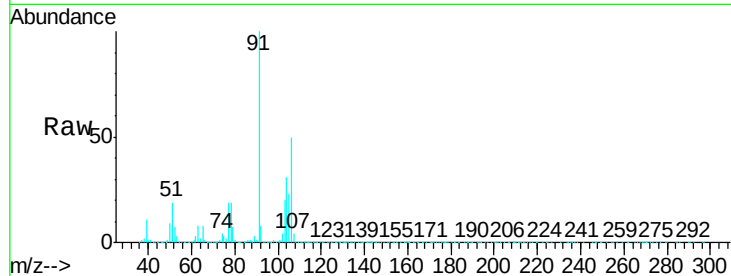




#69
o-Xylene
Concen: 18.807 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

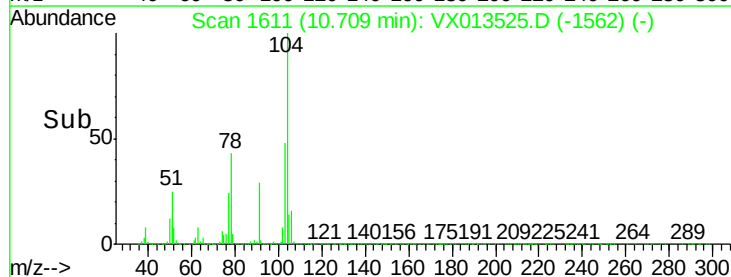
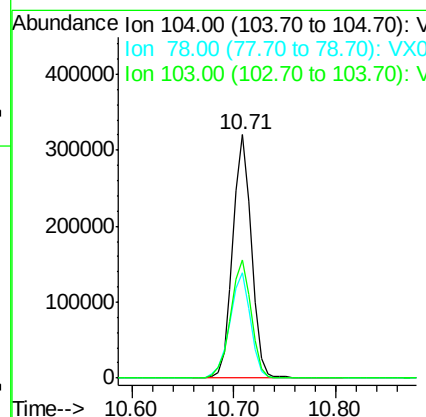
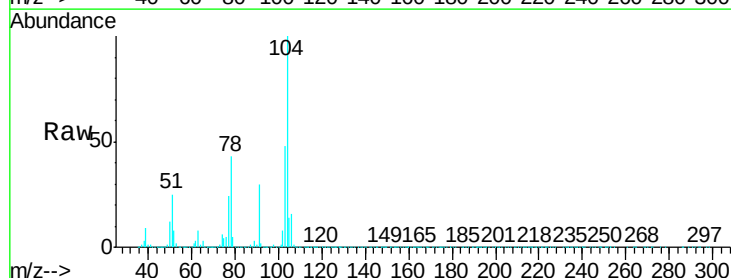
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

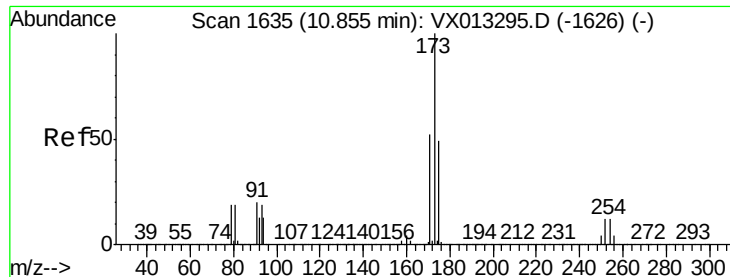
Tgt Ion:106 Resp: 238737
Ion Ratio Lower Upper
106 100
91 205.0 105.7 317.0



#70
Styrene
Concen: 18.968 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion:104 Resp: 402504
Ion Ratio Lower Upper
104 100
78 48.0 40.0 60.0
103 53.9 44.1 66.1





#71

Bromoform

Concen: 18.748 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampled :

VX1122WBS02

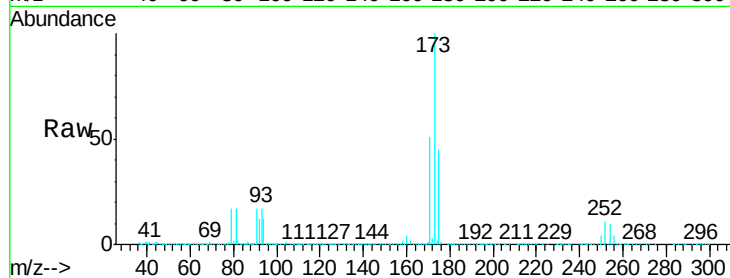
Tgt Ion:173 Resp: 112330

Ion Ratio Lower Upper

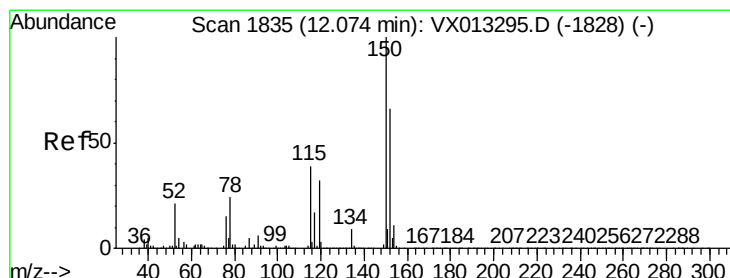
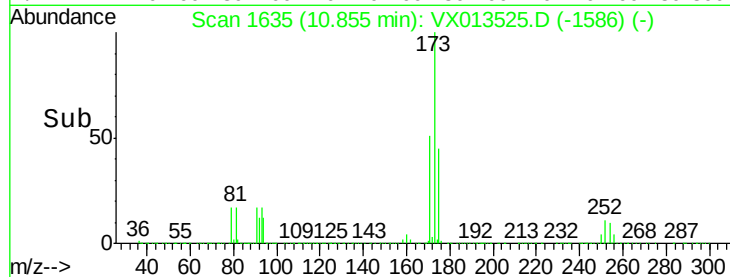
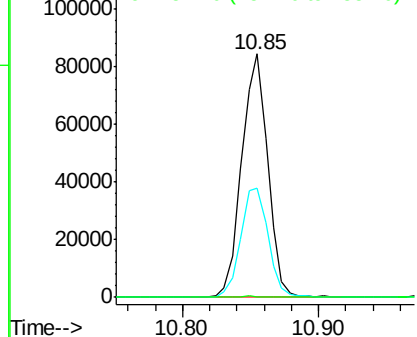
173 100

175 47.9 24.8 74.4

254 0.4 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

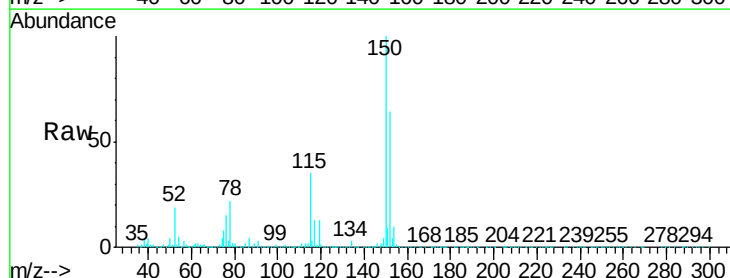
Tgt Ion:152 Resp: 480190

Ion Ratio Lower Upper

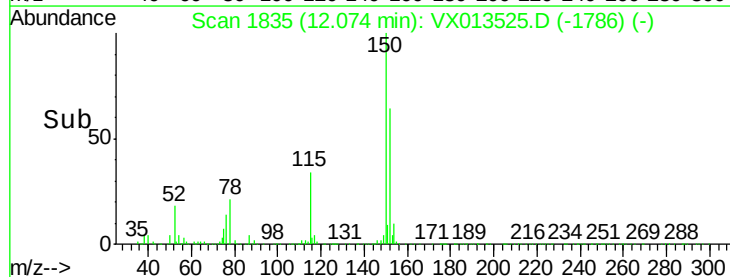
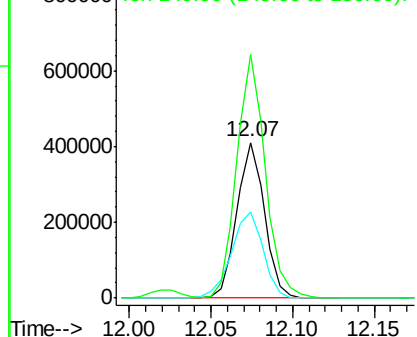
152 100

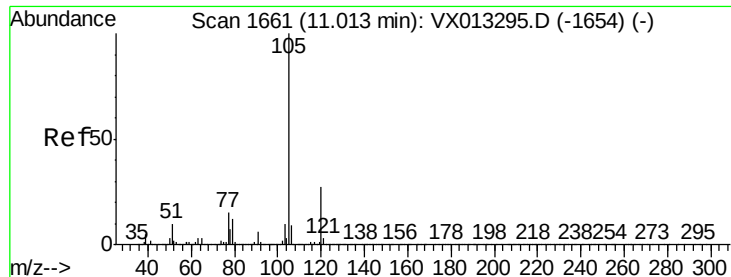
115 64.1 39.5 118.3

150 162.6 0.0 344.4



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





#73

Isopropylbenzene

Concen: 20.140 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

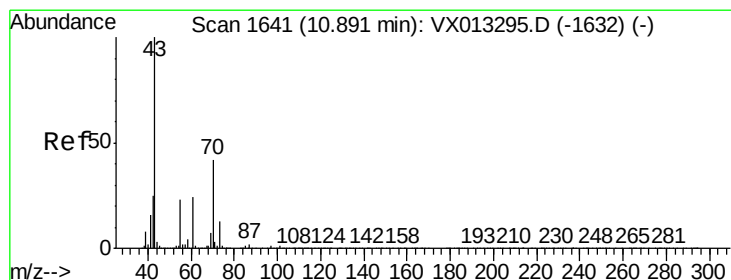
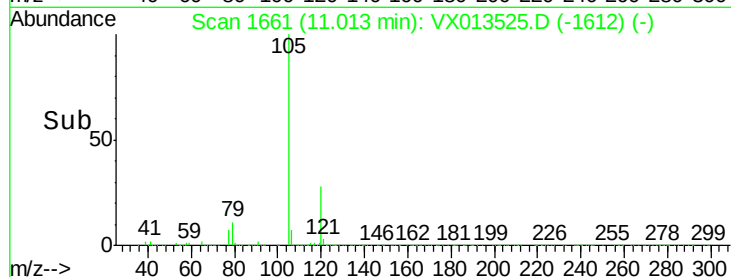
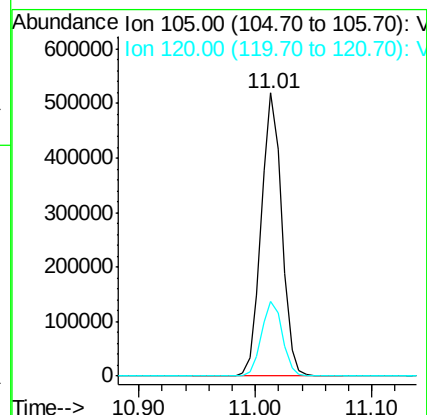
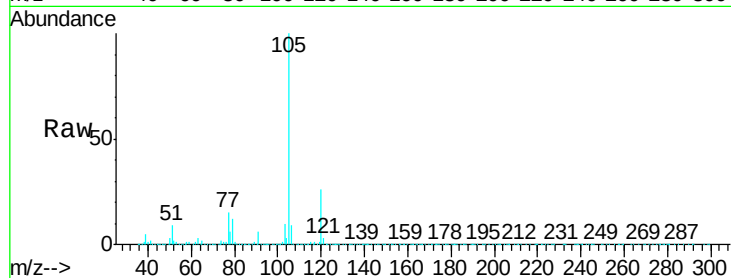
VX1122WBS02

Tgt Ion: 105 Resp: 641198

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 19.585 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion: 43 Resp: 289143

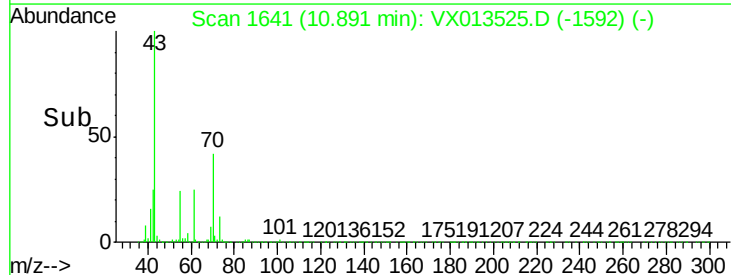
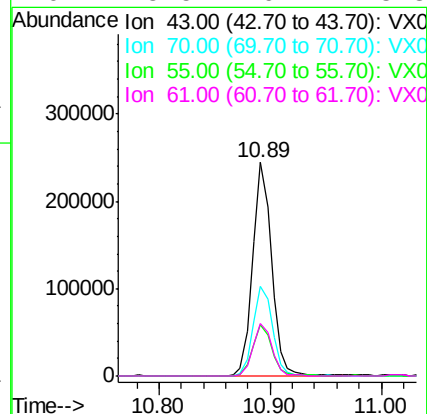
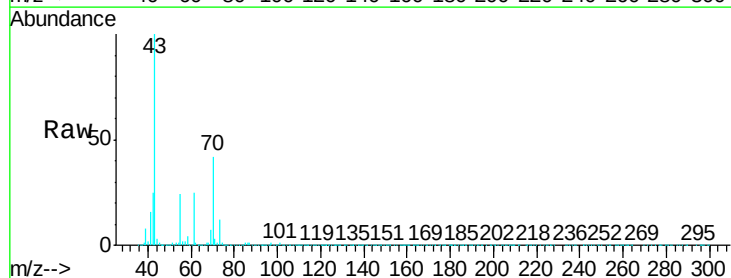
Ion Ratio Lower Upper

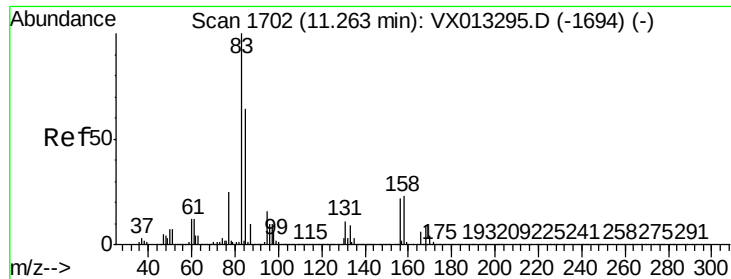
43 100

70 43.7 34.1 51.1

55 24.0 18.9 28.3

61 25.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.910 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

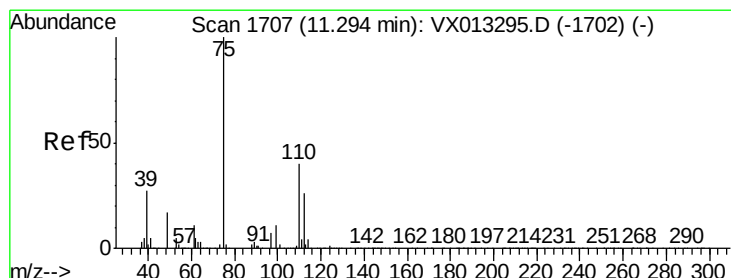
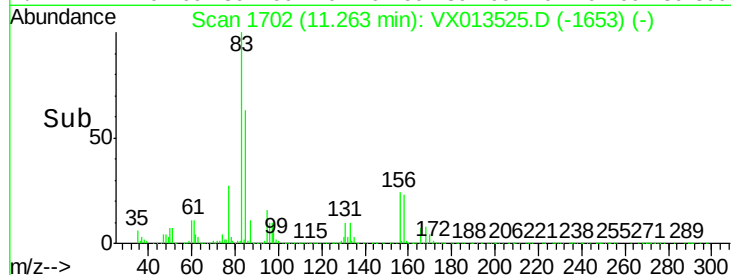
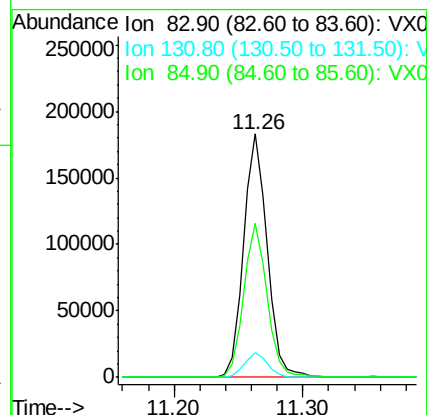
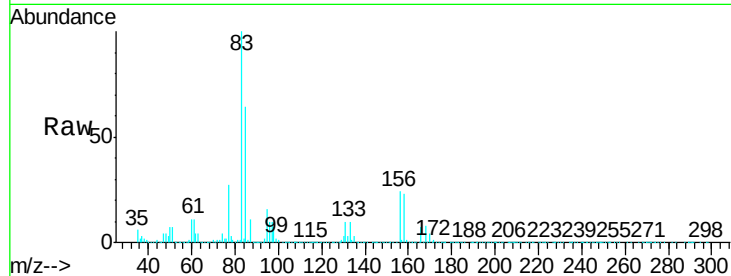
Tgt Ion: 83 Resp: 231246

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 62.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 25.897 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013525.D

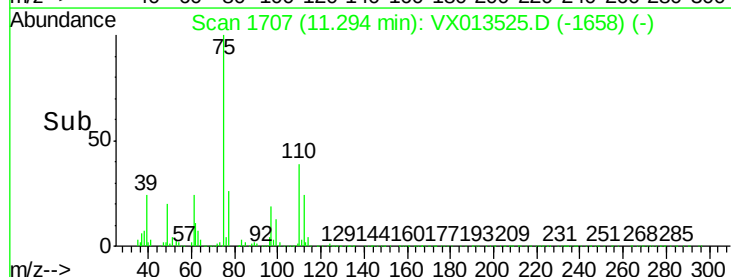
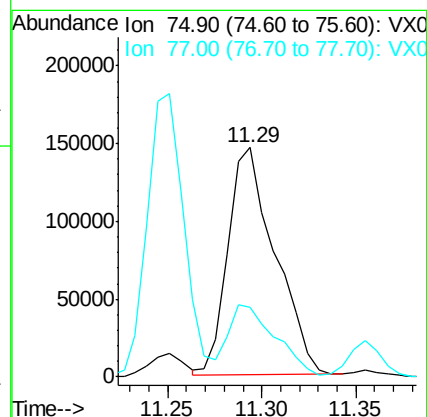
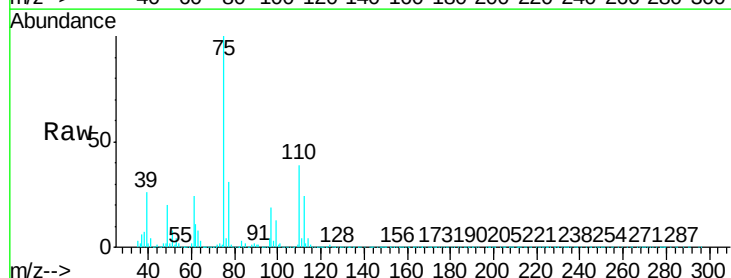
Acq: 22 Nov 2019 12:06

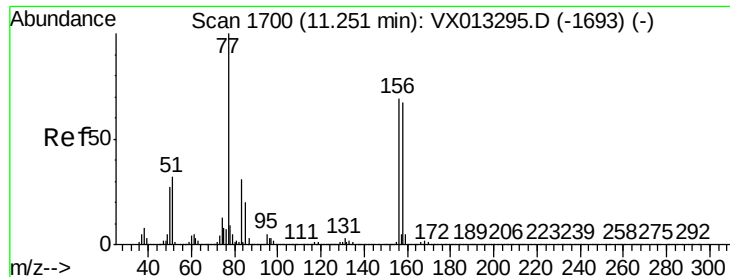
Tgt Ion: 75 Resp: 252577

Ion Ratio Lower Upper

75 100

77 31.4 22.3 66.8





#77

Bromobenzene

Concen: 19.800 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

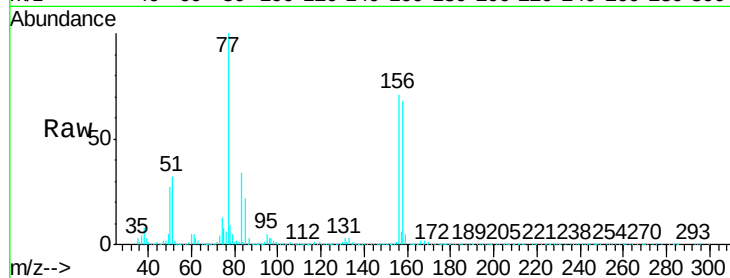
Tgt Ion:156 Resp: 168054

Ion Ratio Lower Upper

156 100

77 147.5 75.8 227.4

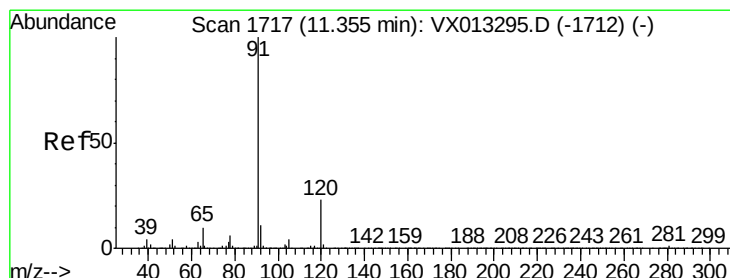
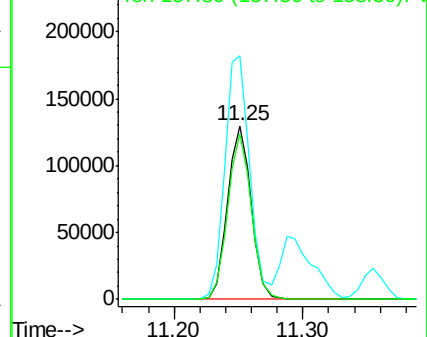
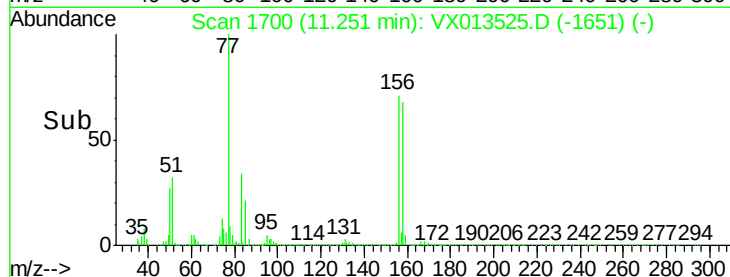
158 94.9 47.6 142.8



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: 19.497 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013525.D

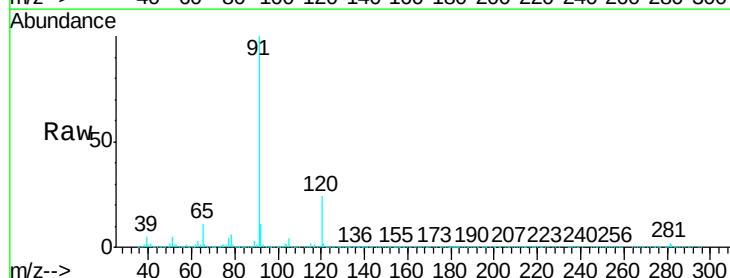
Acq: 22 Nov 2019 12:06

Tgt Ion: 91 Resp: 691466

Ion Ratio Lower Upper

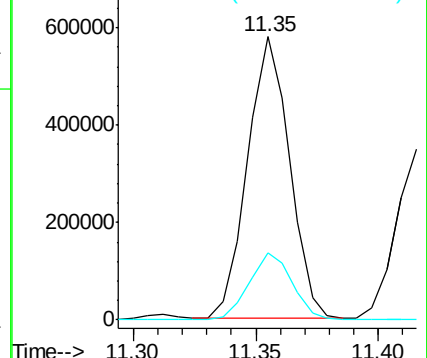
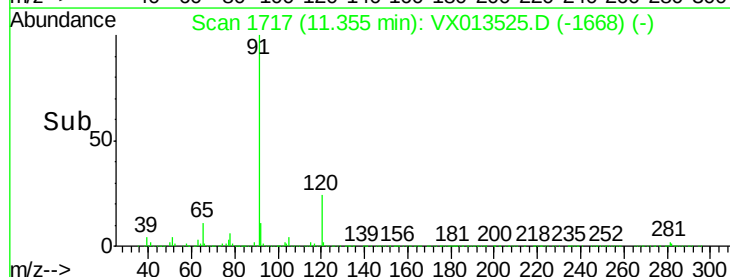
91 100

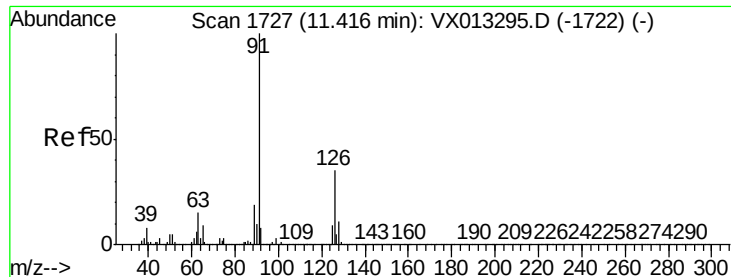
120 24.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.764 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

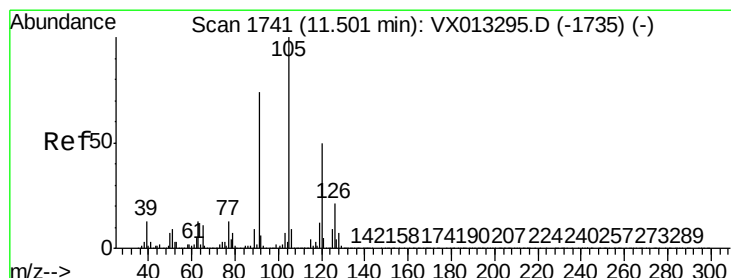
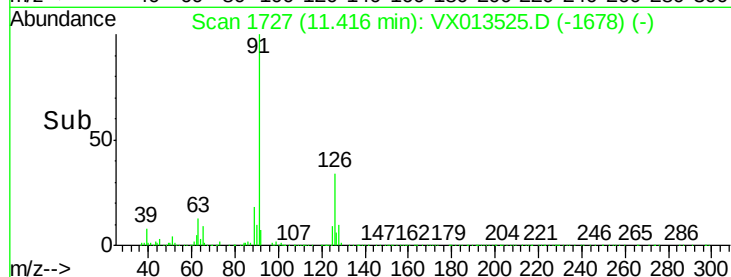
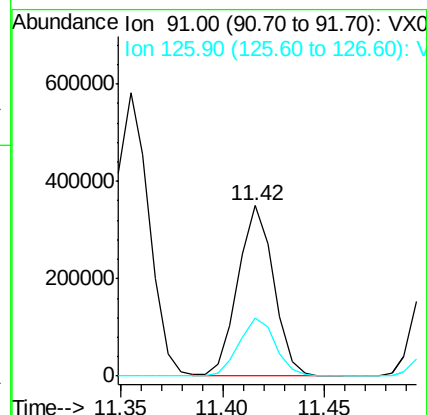
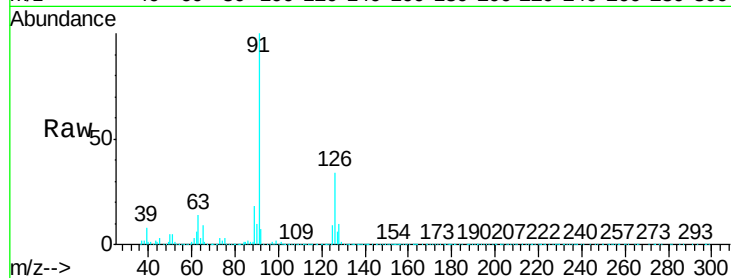
VX1122WBS02

Tgt Ion: 91 Resp: 422318

Ion Ratio Lower Upper

91 100

126 35.2 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 19.818 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013525.D

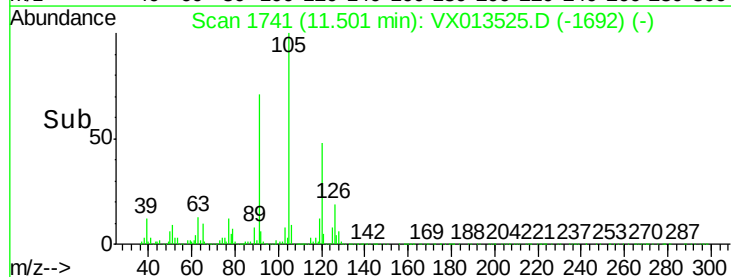
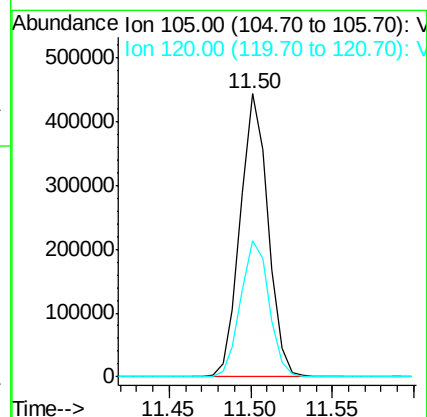
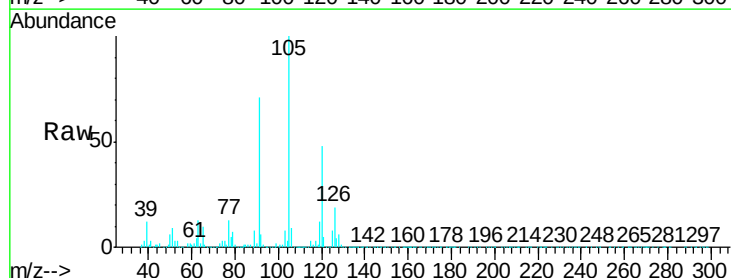
Acq: 22 Nov 2019 12:06

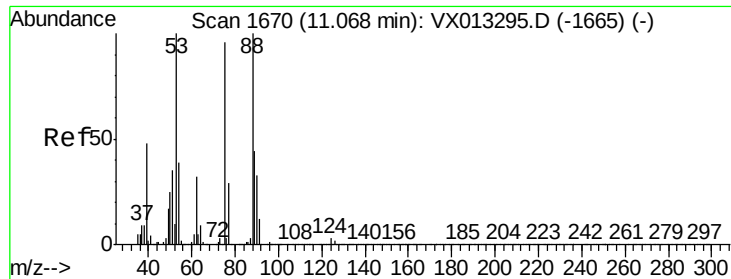
Tgt Ion: 105 Resp: 525543

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.8

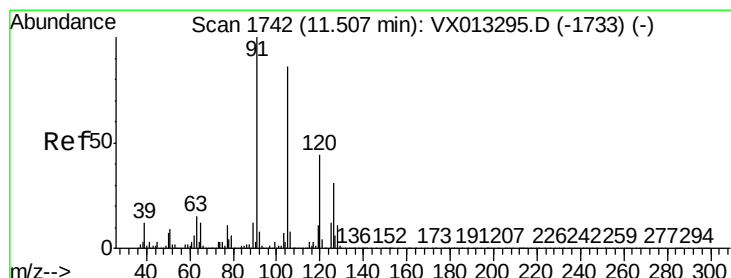
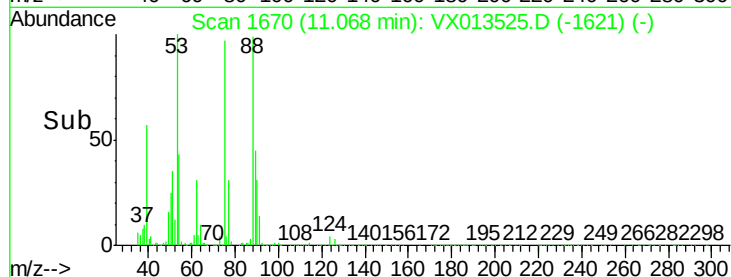
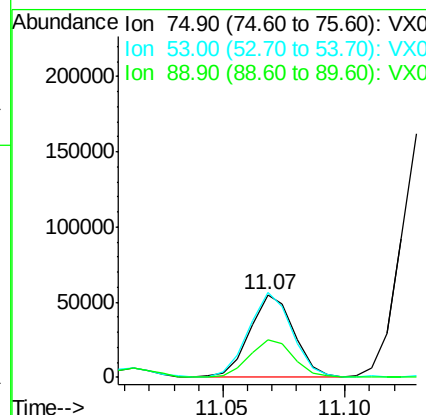
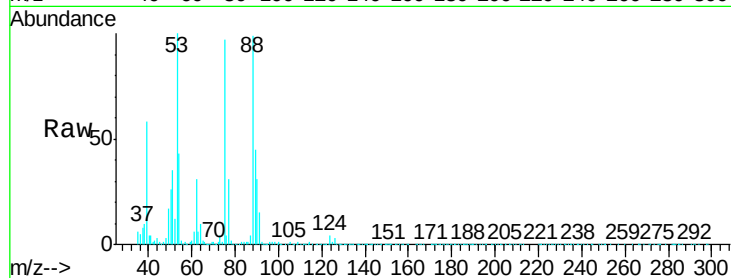




#81
trans-1,4-Dichloro-2-butene
Concen: 18.032 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

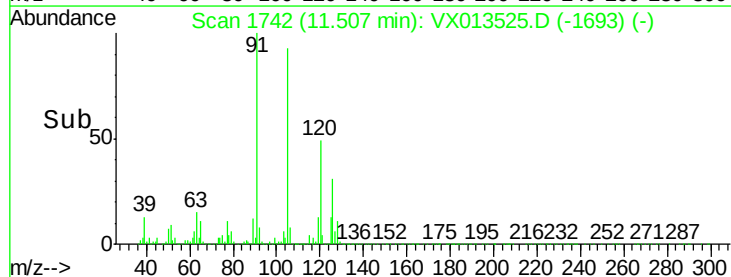
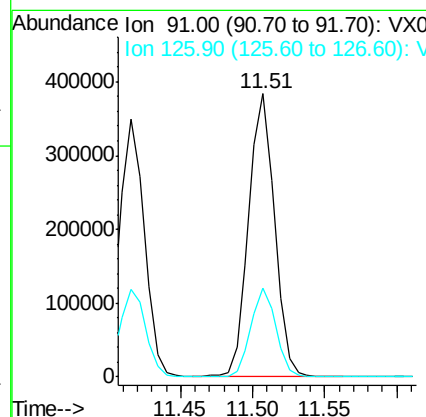
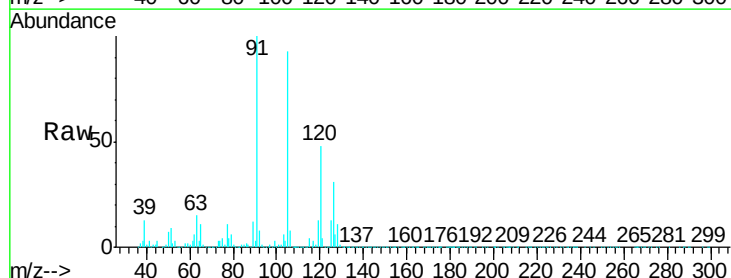
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

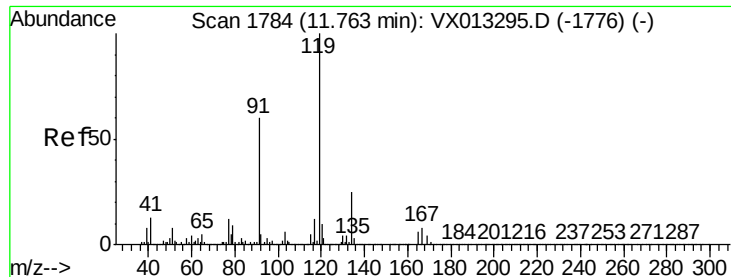
Tgt Ion: 75 Resp: 68328
Ion Ratio Lower Upper
75 100
53 100.9 81.0 121.6
89 47.4 36.0 54.0



#82
4-Chlorotoluene
Concen: 19.018 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 91 Resp: 475682
Ion Ratio Lower Upper
91 100
126 30.3 15.3 45.8

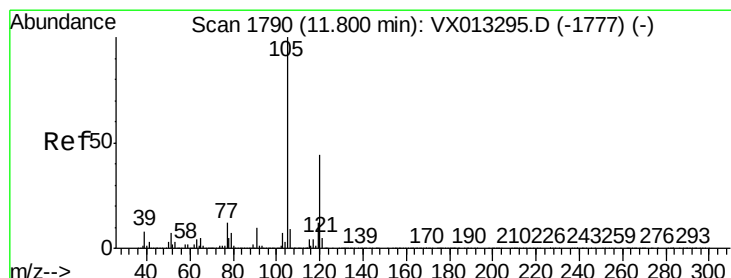
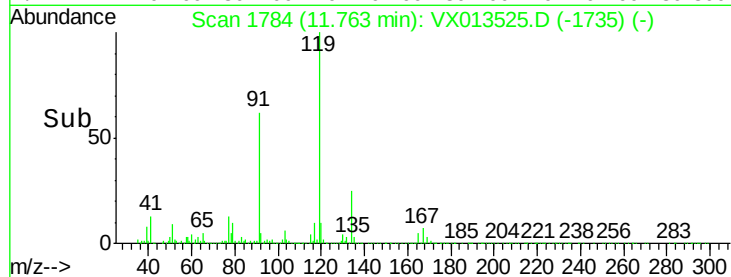
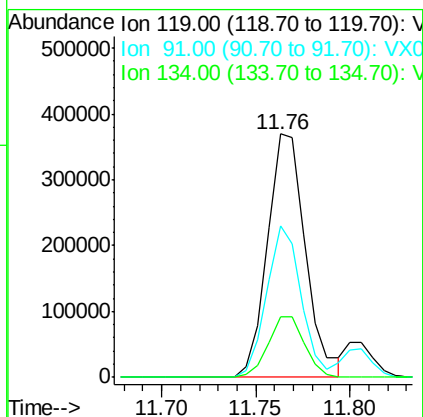
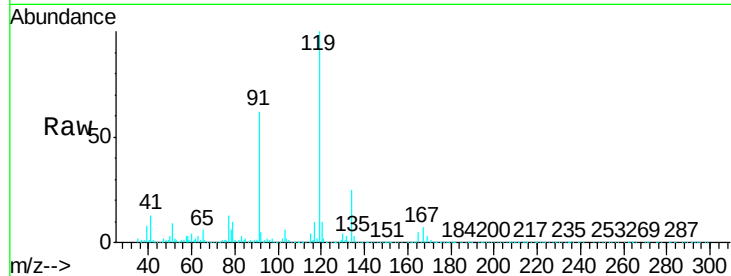




#83
 tert-Butylbenzene
 Concen: 19.367 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

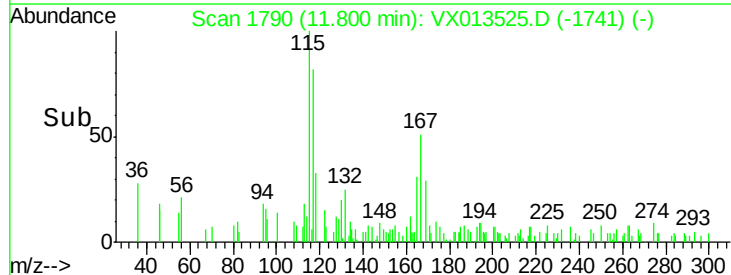
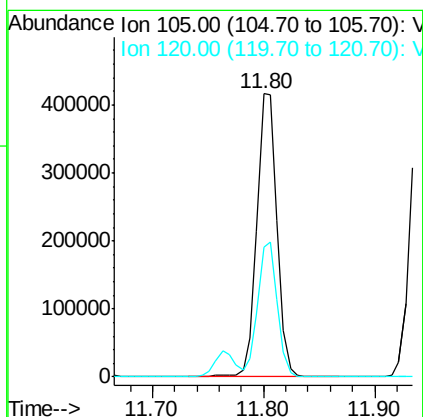
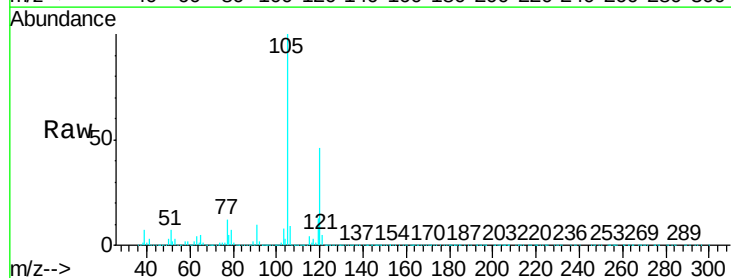
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

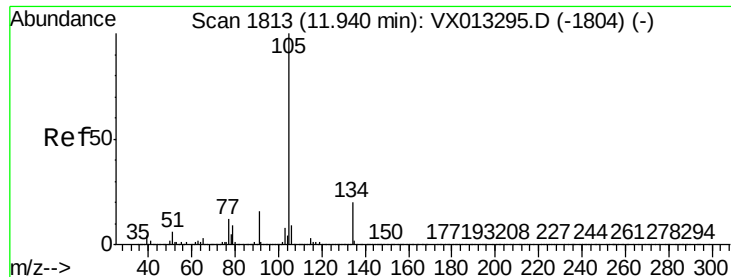
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.3	26.9	80.7
134	24.0	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.755 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.785 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampled :

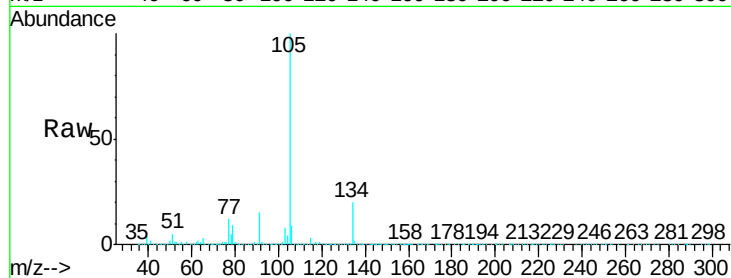
VX1122WBS02

Tgt Ion:105 Resp: 607007

Ion Ratio Lower Upper

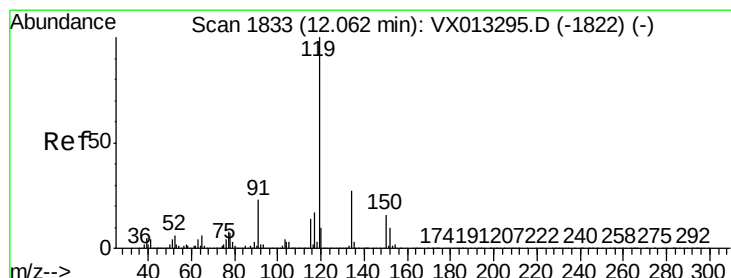
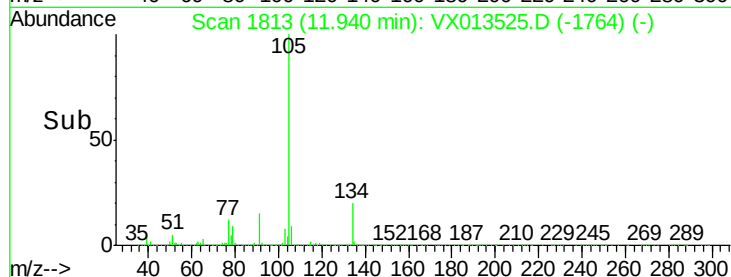
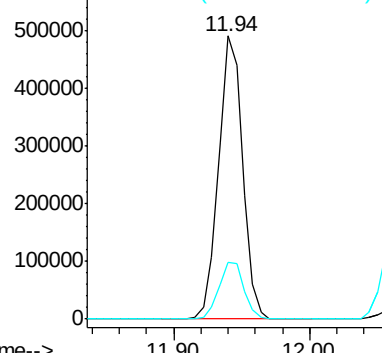
105 100

134 20.9 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: 19.759 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

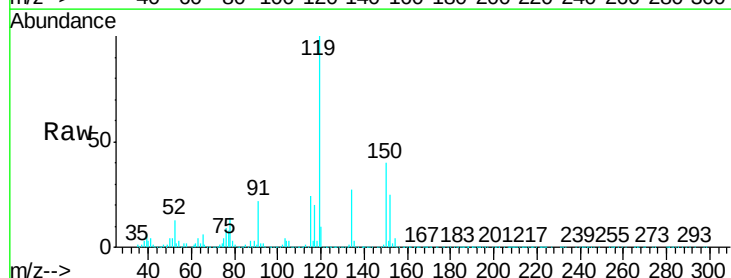
Tgt Ion:119 Resp: 558215

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

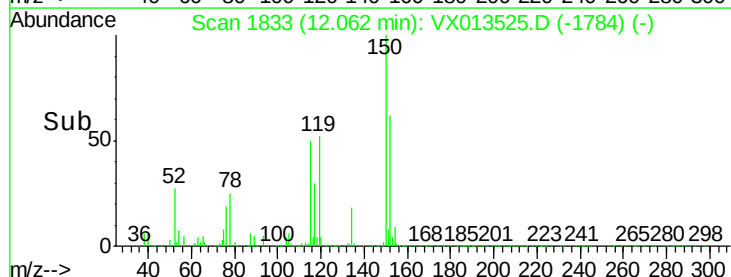
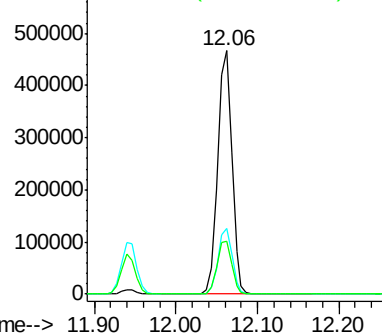
91 22.6 11.5 34.4

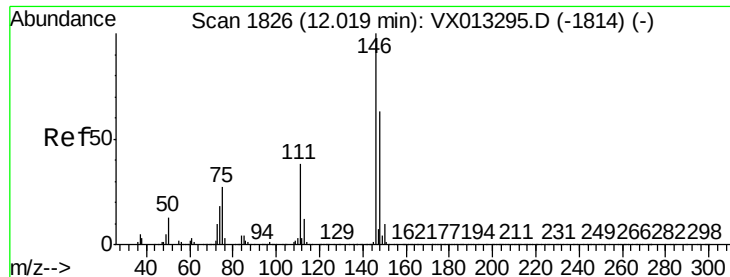


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

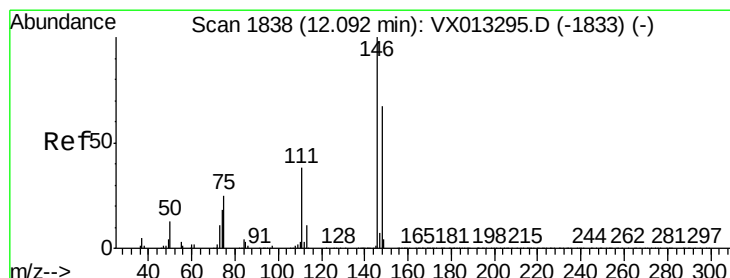
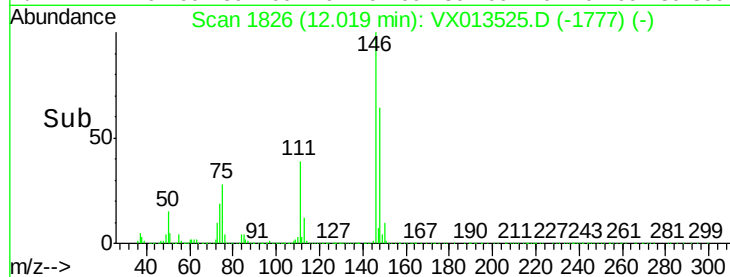
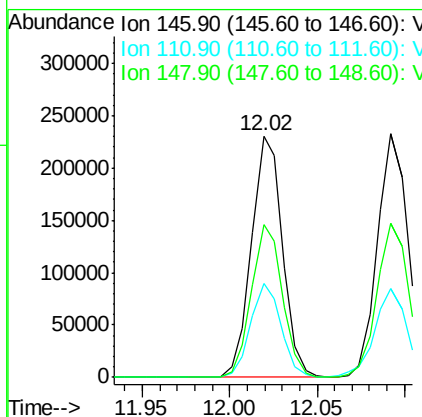
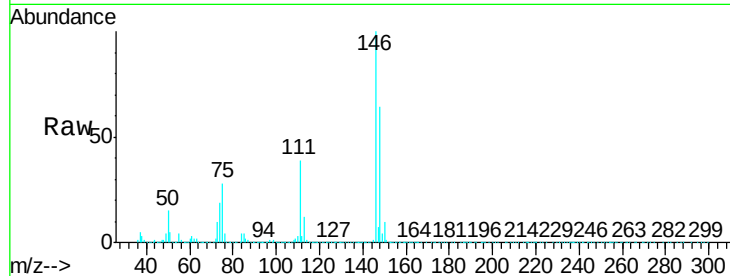




#87
 1,3-Dichlorobenzene
 Concen: 18.921 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

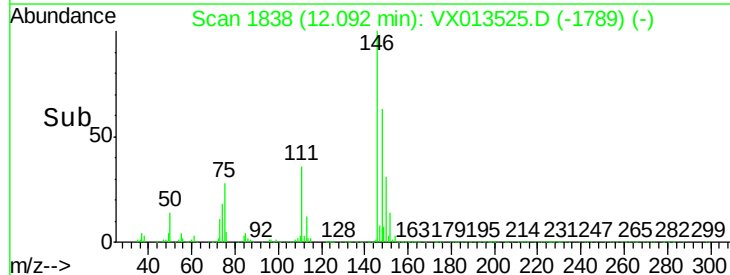
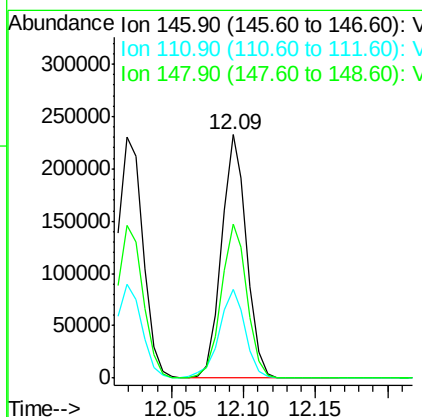
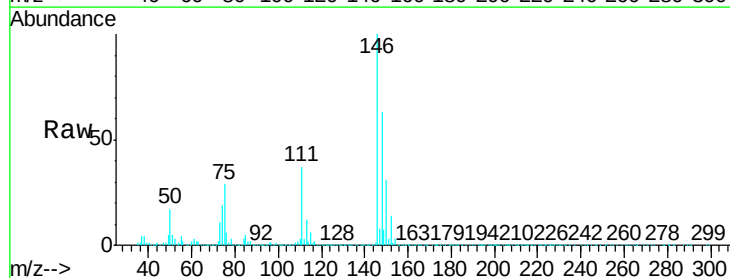
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

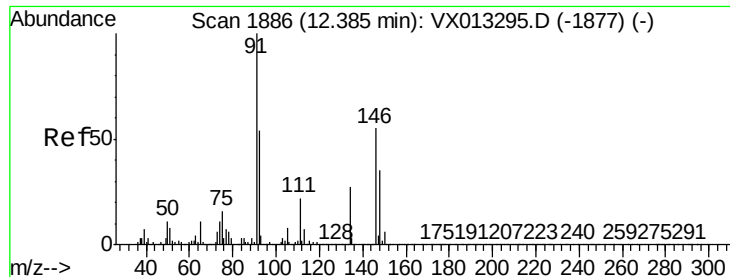
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	63.4	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.390 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.4
148	65.2	32.4	97.0

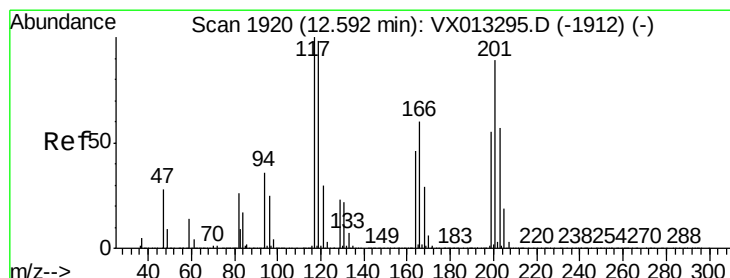
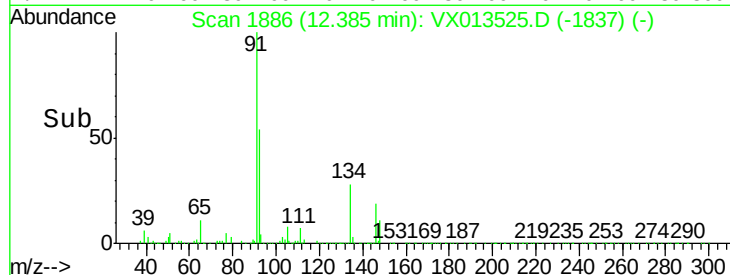
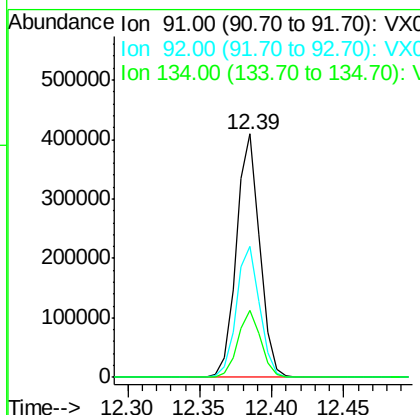
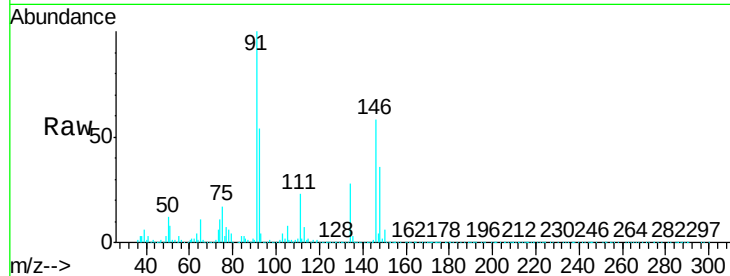




#89
n-Butylbenzene
Concen: 18.722 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

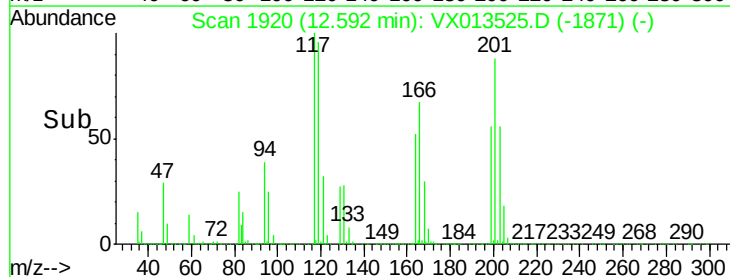
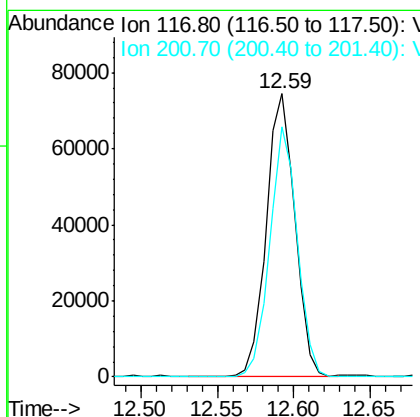
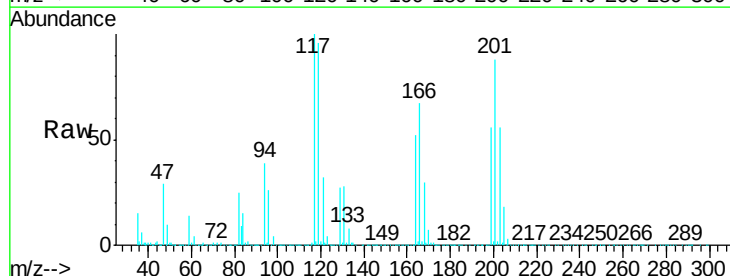
Instrument :
MSVOA_X
ClientSampled :
VX1122WBS02

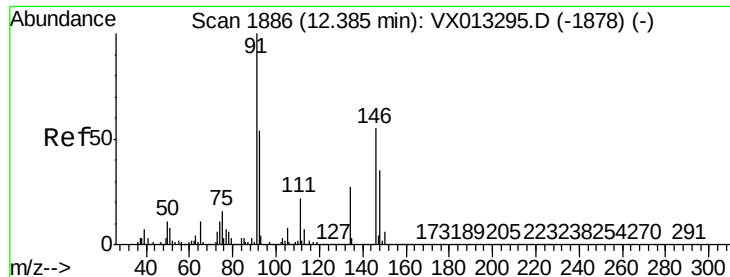
Tgt Ion: 91 Resp: 461519
Ion Ratio Lower Upper
91 100
92 54.1 27.3 81.8
134 27.3 13.5 40.5



#90
Hexachloroethane
Concen: 19.304 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 117 Resp: 97169
Ion Ratio Lower Upper
117 100
201 85.3 43.9 131.7

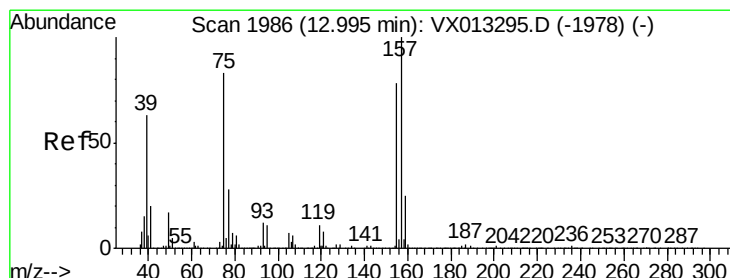
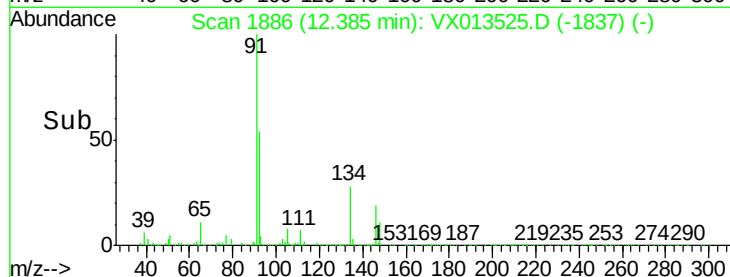
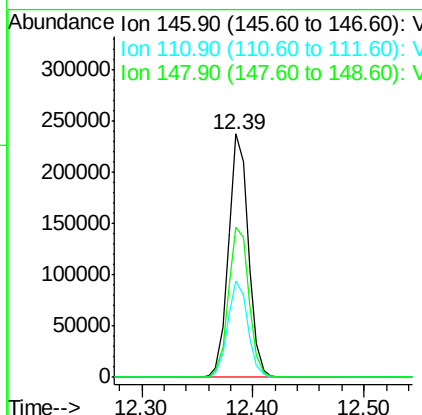
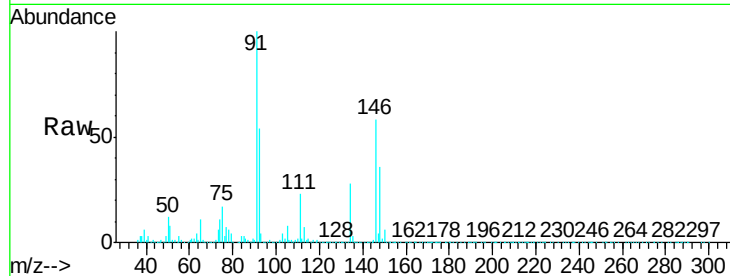




#91
 1,2-Dichlorobenzene
 Concen: 19.339 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

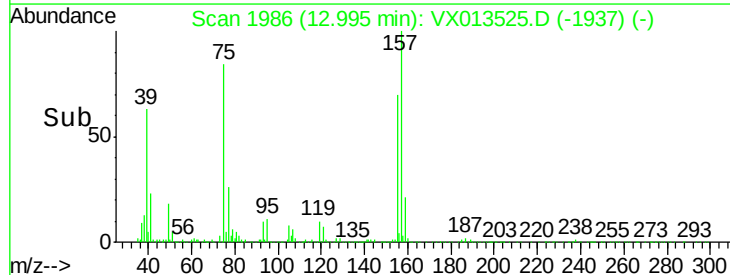
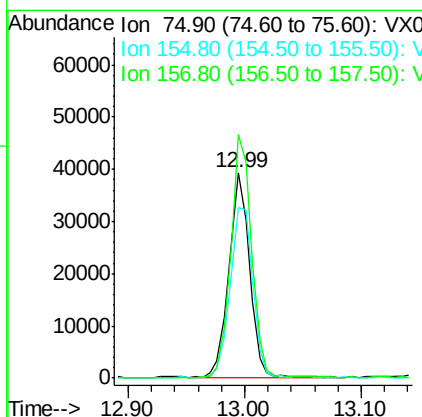
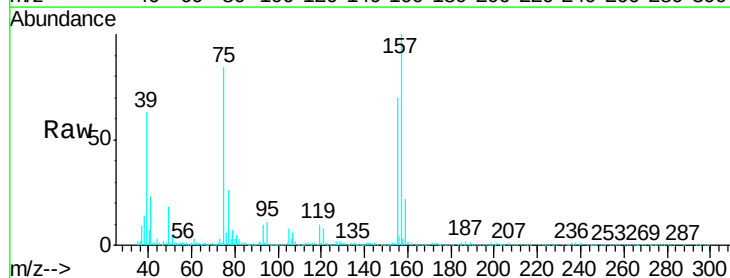
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

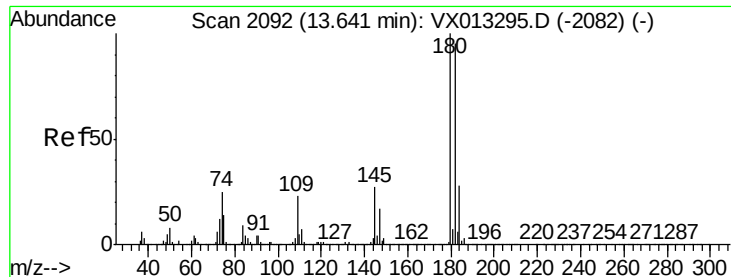
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.8	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.151 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	47.1	141.4
157	118.9	61.3	183.8

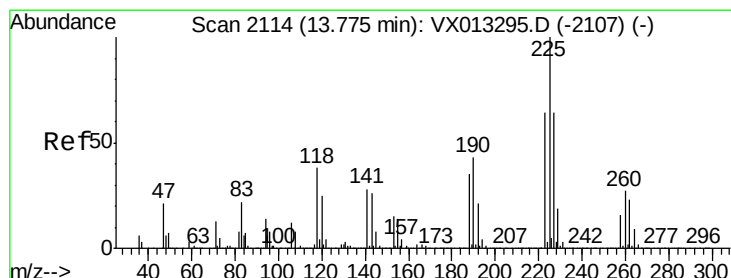
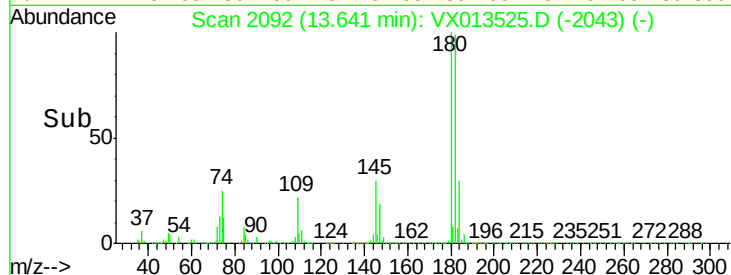
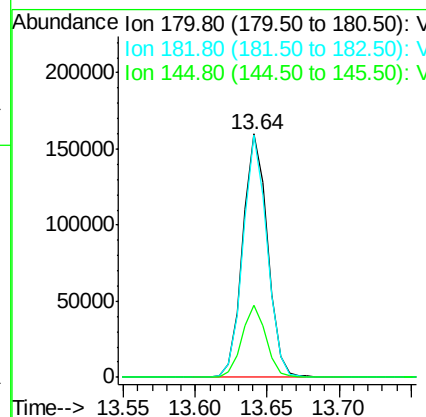
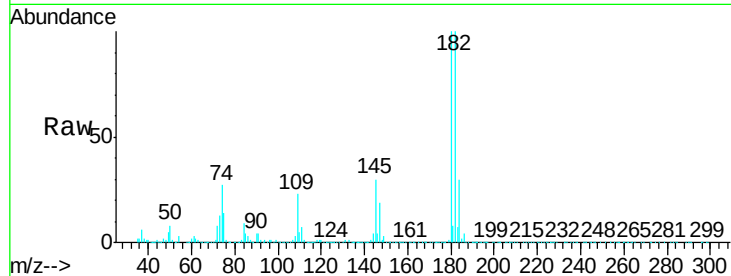




#93
 1,2,4-Trichlorobenzene
 Concen: 18.156 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

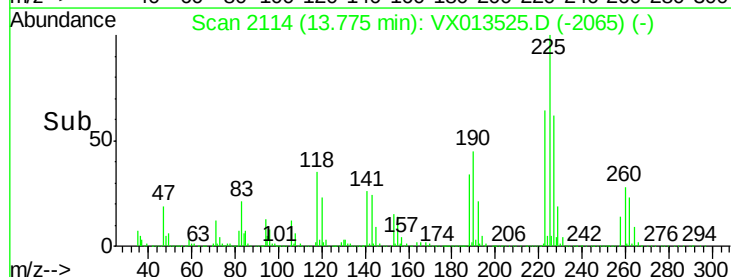
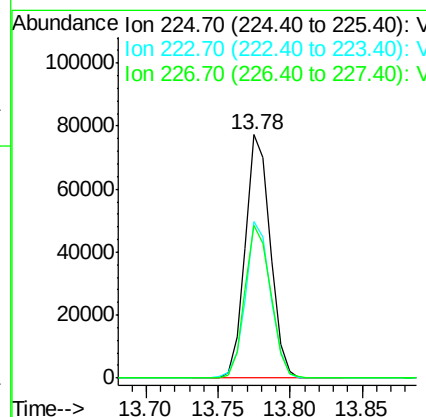
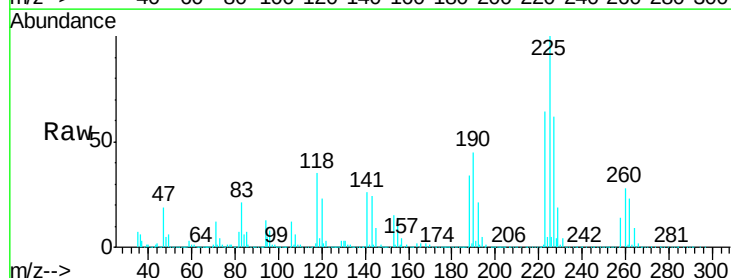
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

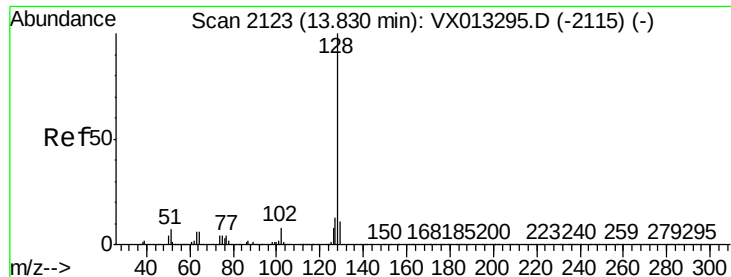
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.4	145.0
145	28.8	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 18.046 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.9	95.7
227	64.4	31.9	95.9

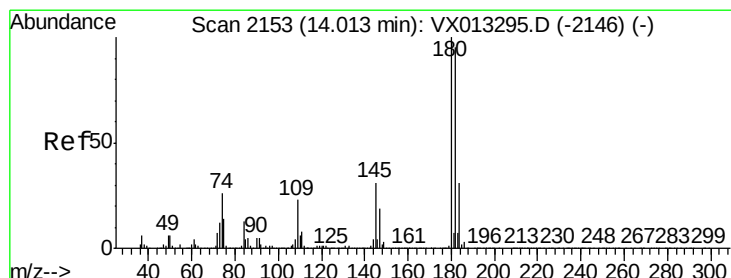
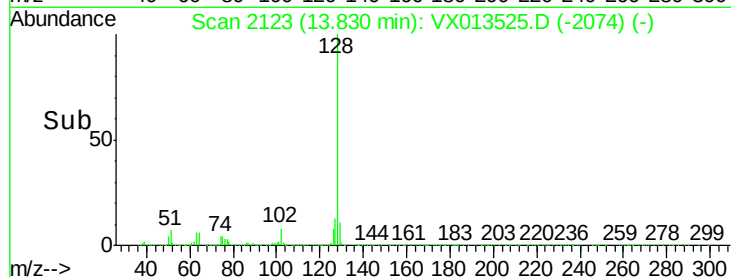
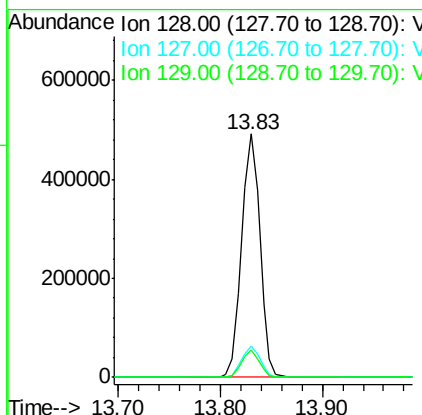
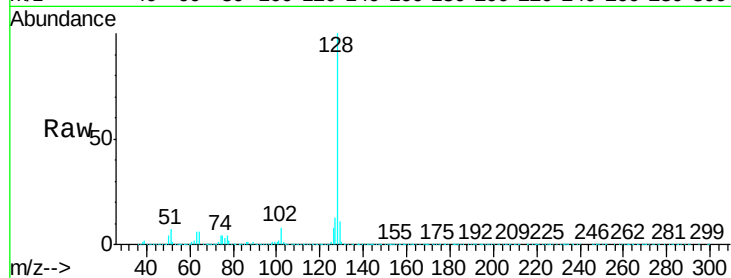




#95
Naphthalene
Concen: 18.438 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.369 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.0	144.2
145	31.0	15.4	46.4

