

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103019\
 Data File : VX013282.D
 Acq On : 30 Oct 2019 13:14
 Operator : JC/SP
 Sample : VX1030WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 01:39:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	79954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	112438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	112460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	80286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	85358	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
35) Dibromofluoromethane	5.48	113	66159	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	8.71	98	234805	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.13	95	95538	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	30299	18.781	ug/l	97
3) Chloromethane	1.32	50	23207	18.103	ug/l	95
4) Vinyl Chloride	1.40	62	24757	17.052	ug/l	97
5) Bromomethane	1.63	94	21134	27.463	ug/l	98
6) Chloroethane	1.72	64	24899	29.601	ug/l	98
7) Trichlorofluoromethane	1.92	101	62154	27.265	ug/l	98
8) Diethyl Ether	2.17	74	23724	30.192	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28753	20.265	ug/l	97
10) Methyl Iodide	2.50	142	30371	19.327	ug/l	98
11) Tert butyl alcohol	3.03	59	33861	92.667	ug/l	100
12) 1,1-Dichloroethene	2.36	96	26213	19.246	ug/l	97
13) Acrolein	2.28	56	21359	108.862	ug/l	98
14) Allyl chloride	2.72	41	39039	18.206	ug/l	97
15) Acrylonitrile	3.13	53	66877	90.730	ug/l	99
16) Acetone	2.43	43	79614	101.053	ug/l	99
17) Carbon Disulfide	2.56	76	61673	16.843	ug/l	100
18) Methyl Acetate	2.76	43	33159	19.870	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	95403	19.891	ug/l	96
20) Methylene Chloride	2.84	84	28540	19.548	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	28641	20.494	ug/l	97
22) Diisopropyl ether	3.84	45	80638	19.233	ug/l	92
23) Vinyl Acetate	3.80	43	343711	96.452	ug/l	98
24) 1,1-Dichloroethane	3.69	63	48870	18.950	ug/l	98
25) 2-Butanone	4.65	43	98397	93.128	ug/l	96
26) 2,2-Dichloropropane	4.56	77	49301	20.686	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	32366	19.404	ug/l	97
28) Bromochloromethane	5.00	49	12395	18.640	ug/l	92
29) Tetrahydrofuran	5.11	42	56465	88.660	ug/l	100
30) Chloroform	5.19	83	55830	20.334	ug/l	100
31) Cyclohexane	5.57	56	41361	19.125	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	52464	21.490	ug/l	98
36) 1,1-Dichloropropene	5.78	75	39714	21.056	ug/l	99
37) Ethyl Acetate	4.82	43	34702	18.521	ug/l	99
38) Carbon Tetrachloride	5.78	117	44470	21.398	ug/l	93

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 ClientSampleId :

Quant Time: Oct 31 01:39:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	47347	19.670	ug/l	96
40) Benzene	6.13	78	111712	19.780	ug/l	97
41) Methacrylonitrile	5.03	41	19719	19.630	ug/l	97
42) 1,2-Dichloroethane	6.18	62	47068	22.104	ug/l	99
43) Isopropyl Acetate	6.43	43	60480	19.441	ug/l	100
44) Trichloroethene	7.20	130	33291	20.770	ug/l	97
45) 1,2-Dichloropropane	7.50	63	26822	18.962	ug/l	98
46) Dibromomethane	7.65	93	20888	20.496	ug/l	99
47) Bromodichloromethane	7.89	83	42580	21.440	ug/l	99
48) Methyl methacrylate	7.76	41	30232	19.662	ug/l	98
49) 1,4-Dioxane	7.73	88	14375	367.335	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	181324	95.625	ug/l	99
52) Toluene	8.78	92	74509	19.907	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	45973	21.783	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	48645	21.069	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	30502	20.613	ug/l	98
56) Ethyl methacrylate	9.17	69	45151	20.273	ug/l	98
57) 1,3-Dichloropropane	9.37	76	49841	19.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	89443	102.924	ug/l	99
59) 2-Hexanone	9.48	43	142652	97.665	ug/l	100
60) Dibromochloromethane	9.57	129	33223	21.427	ug/l	96
61) 1,2-Dibromoethane	9.67	107	32327	20.578	ug/l	100
64) Tetrachloroethene	9.33	164	32488	22.347	ug/l	99
65) Chlorobenzene	10.14	112	80775	20.518	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	31928	21.954	ug/l	97
67) Ethyl Benzene	10.25	91	144610	20.519	ug/l	96
68) m/p-Xylenes	10.36	106	110636	41.539	ug/l	97
69) o-Xylene	10.70	106	51988	20.348	ug/l	97
70) Styrene	10.71	104	90444	20.558	ug/l	98
71) Bromoform	10.85	173	23983	22.570	ug/l #	99
73) Isopropylbenzene	11.01	105	148986	20.435	ug/l	100
74) N-amyl acetate	10.89	43	49521	18.506	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	43289	19.555	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	51525	26.627	ug/l	87
77) Bromobenzene	11.25	156	35053	20.060	ug/l	98
78) n-propylbenzene	11.35	91	153754	19.415	ug/l	100
79) 2-Chlorotoluene	11.42	91	94117	18.809	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	119639	19.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13935	19.789	ug/l	98
82) 4-Chlorotoluene	11.51	91	112050	19.763	ug/l	97
83) tert-Butylbenzene	11.76	119	120879	20.161	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	123983	20.284	ug/l	97
85) sec-Butylbenzene	11.94	105	129296	18.950	ug/l	99
86) p-Isopropyltoluene	12.06	119	132460	20.665	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	59544	18.862	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	63992	19.910	ug/l	97
89) n-Butylbenzene	12.39	91	98839	18.850	ug/l	99
90) Hexachloroethane	12.59	117	22347	20.818	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	60692	19.552	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10358	18.816	ug/l	97

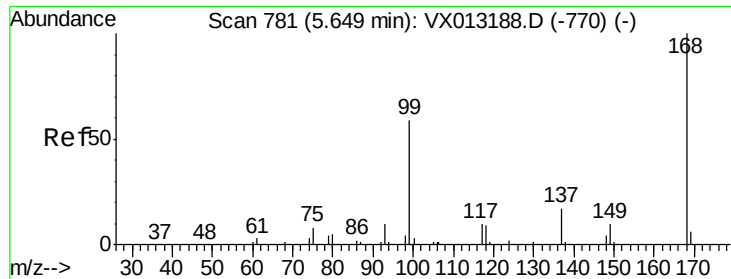
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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	38272	19.580	ug/l	97
94) Hexachlorobutadiene	13.78	225	20867	20.637	ug/l	97
95) Naphthalene	13.83	128	115369	19.231	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	38338	19.848	ug/l	98

(#) = 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: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

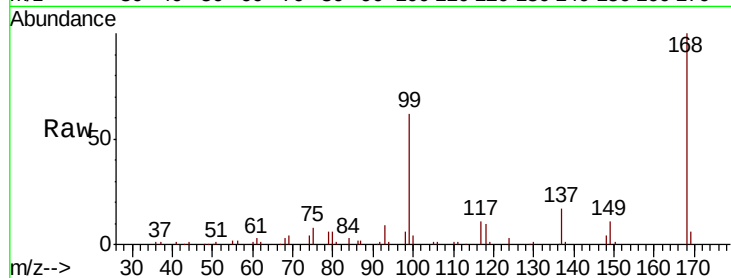
ClientSampleId :

Tot Ion:168 Resp: 79954

Ion Ratio Lower Upper

168 100

99 62.0 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

25000

20000

15000

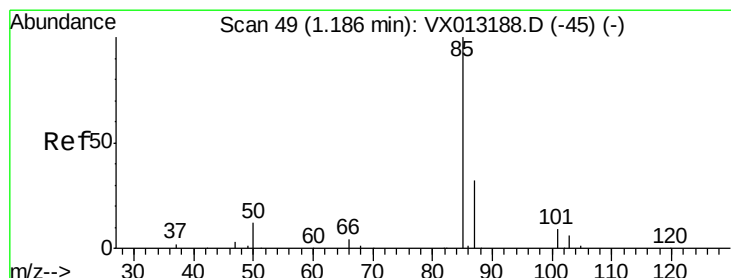
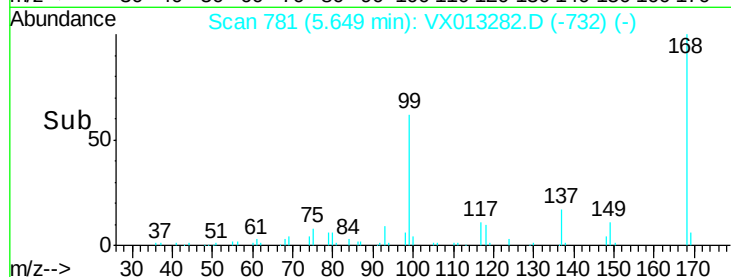
10000

5000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.781 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013282.D

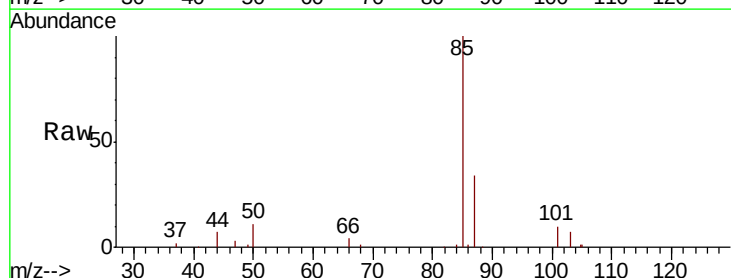
Acq: 30 Oct 2019 13:14

Tgt Ion: 85 Resp: 30299

Ion Ratio Lower Upper

85 100

87 33.9 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

25000

20000

15000

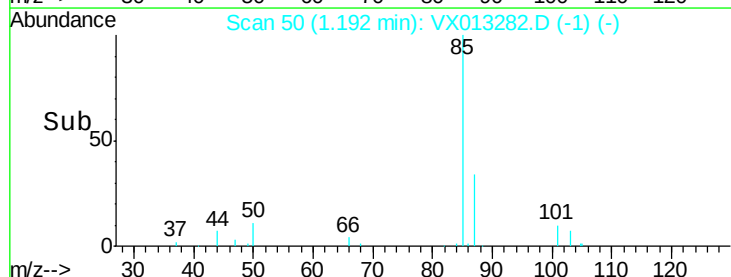
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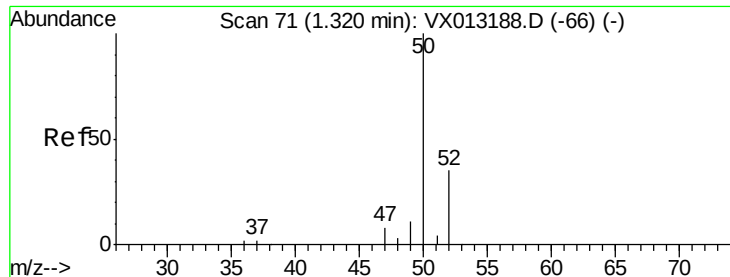
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.103 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

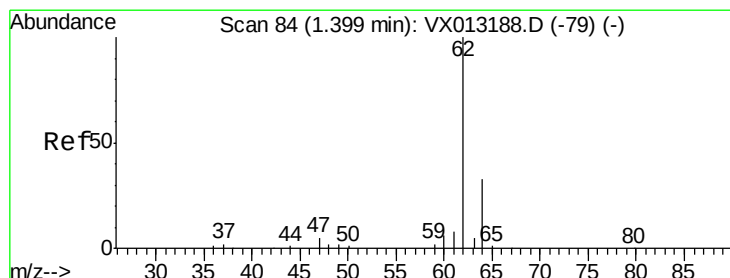
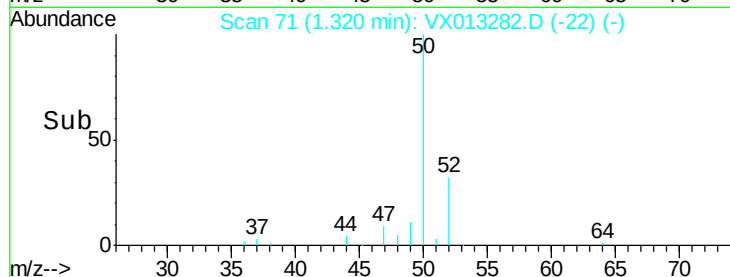
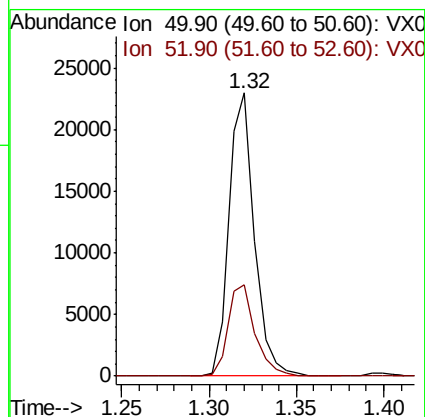
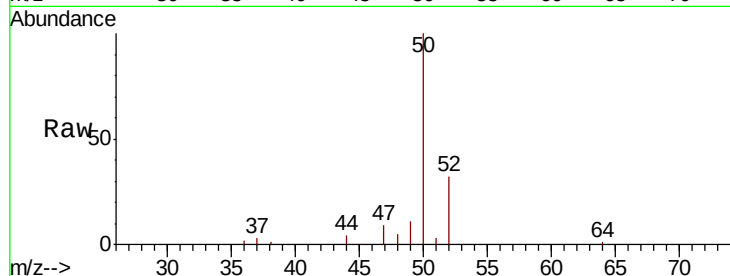
ClientSampleId :

Tot Ion: 50 Resp: 23207

Ion Ratio Lower Upper

50 100

52 32.1 27.8 41.6



#4

Vinyl Chloride

Concen: 17.052 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013282.D

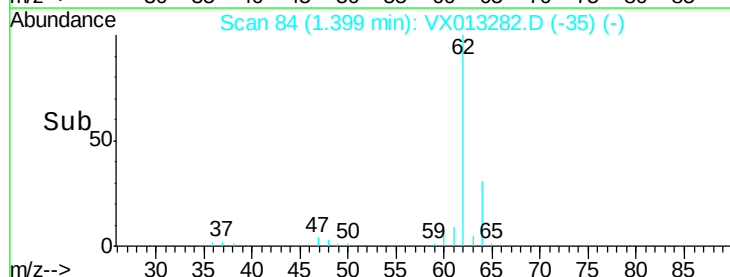
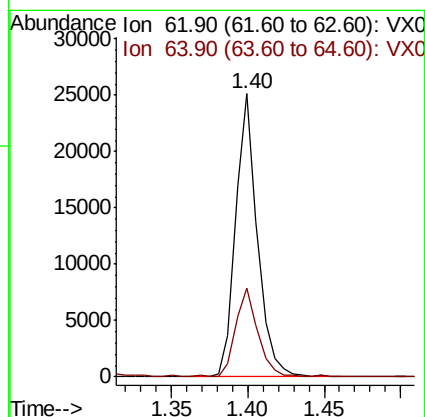
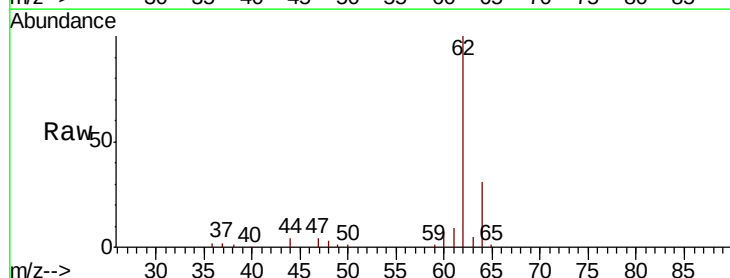
Acq: 30 Oct 2019 13:14

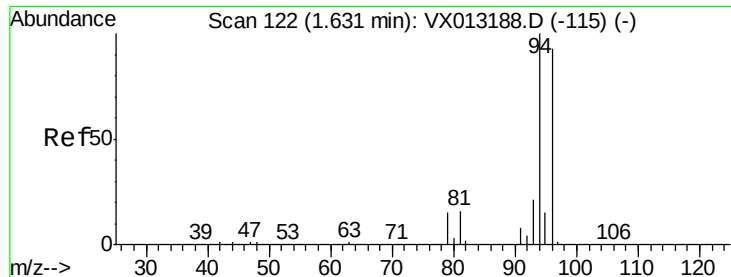
Tgt Ion: 62 Resp: 24757

Ion Ratio Lower Upper

62 100

64 31.1 26.4 39.6





#5

Bromomethane

Concen: 27.463 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

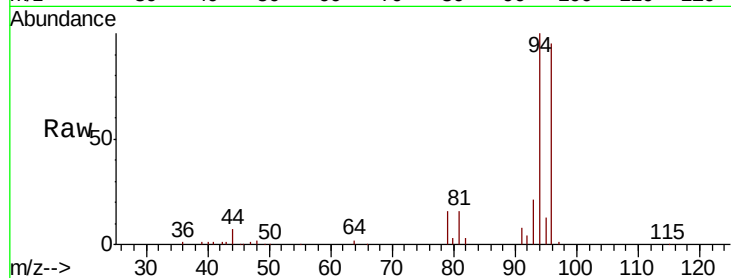
ClientSampleId :

Tot Ion: 94 Resp: 21134

Ion Ratio Lower Upper

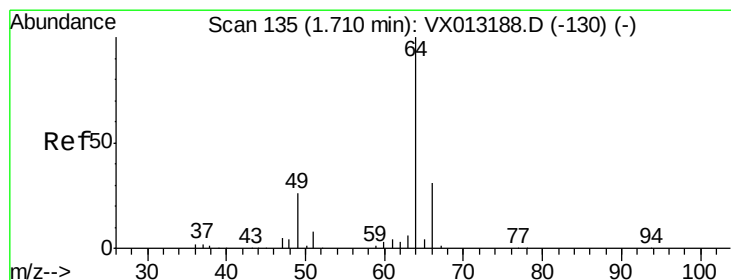
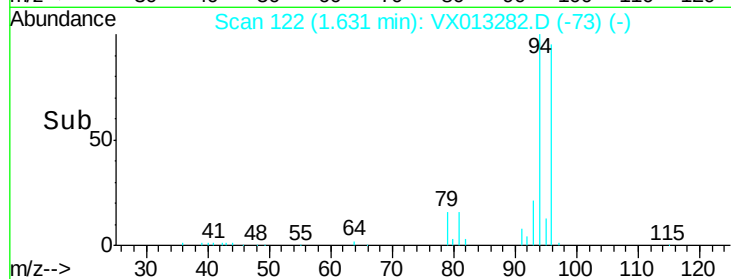
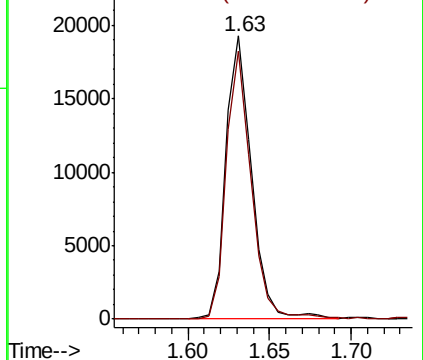
94 100

96 94.9 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 29.601 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013282.D

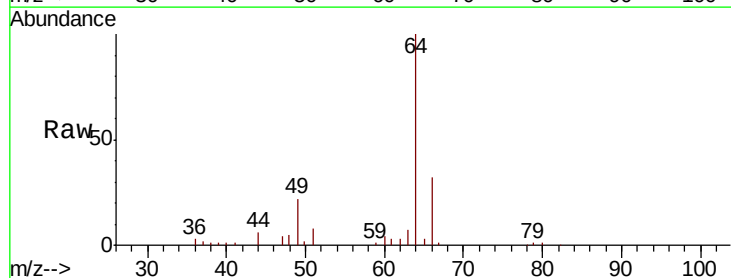
Acq: 30 Oct 2019 13:14

Tgt Ion: 64 Resp: 24899

Ion Ratio Lower Upper

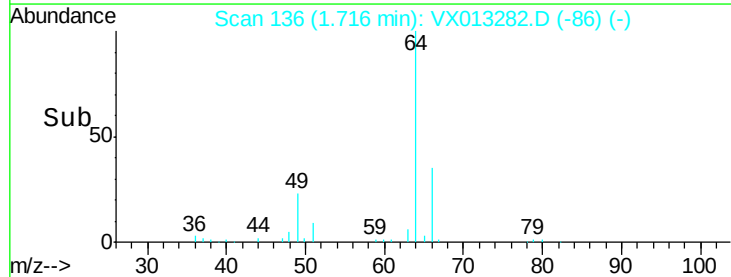
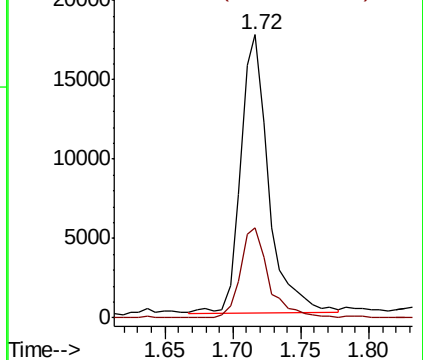
64 100

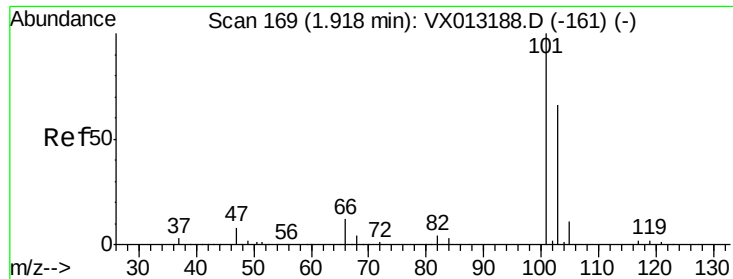
66 32.5 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



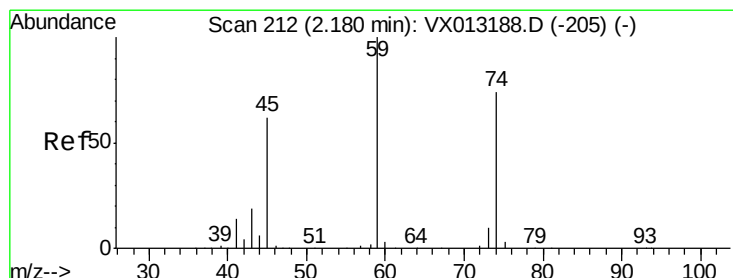
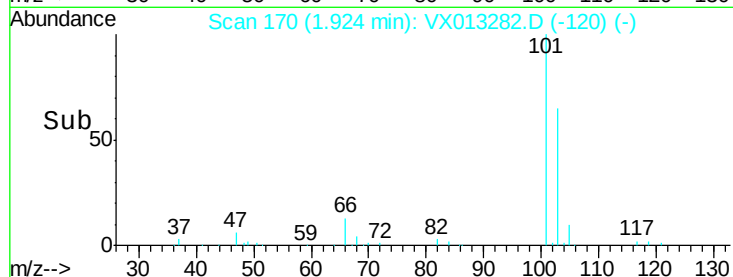
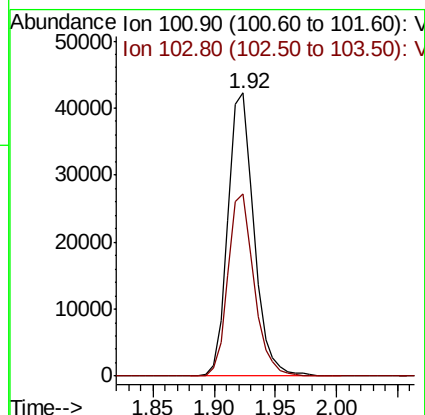
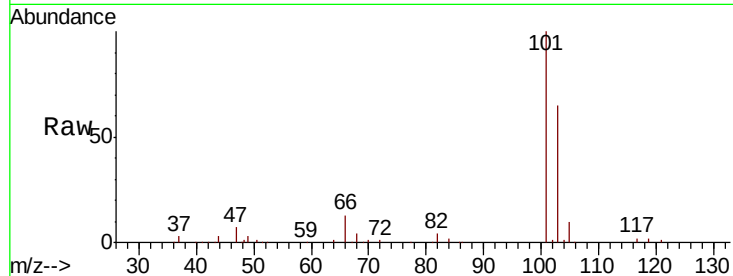


#7

Trichlorofluoromethane
Concen: 27.265 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Instrument :
MSVOA_X
ClientSampled :

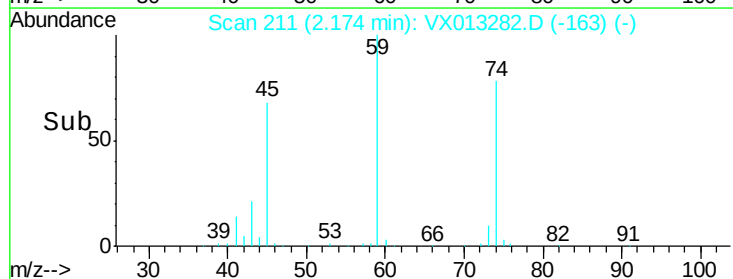
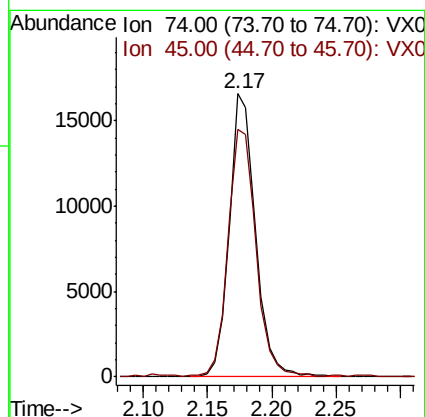
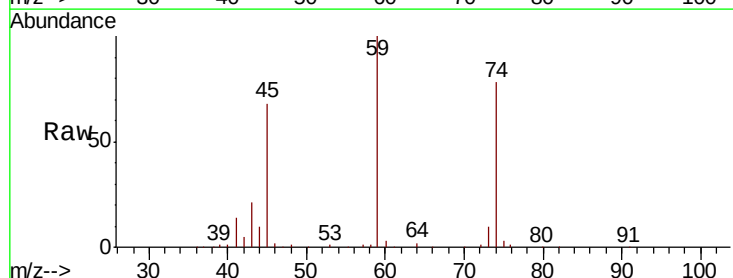
Tot Ion:101 Resp: 62154
Ion Ratio Lower Upper
101 100
103 64.6 53.0 79.6

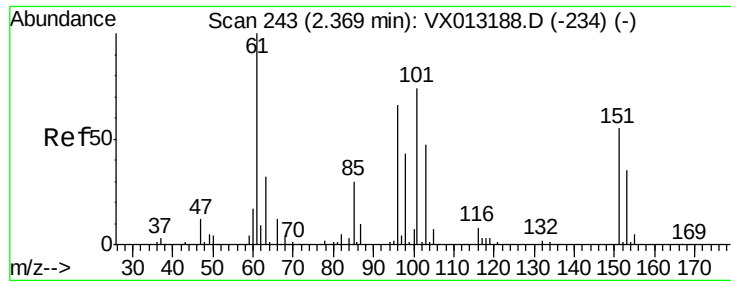


#8

Diethyl Ether
Concen: 30.192 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 74 Resp: 23724
Ion Ratio Lower Upper
74 100
45 93.5 44.8 134.3

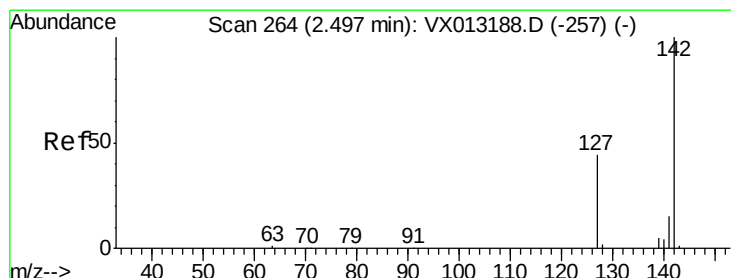
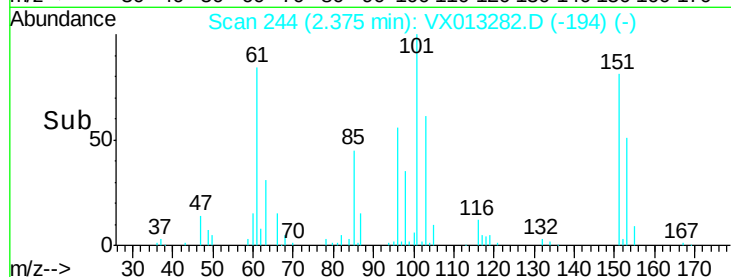
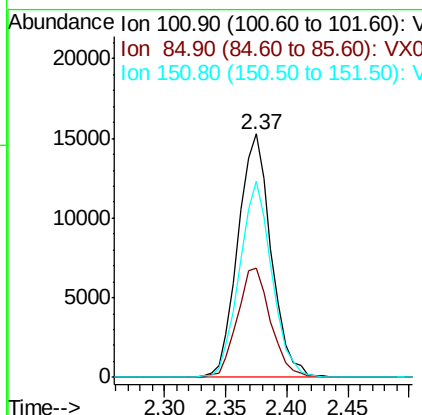
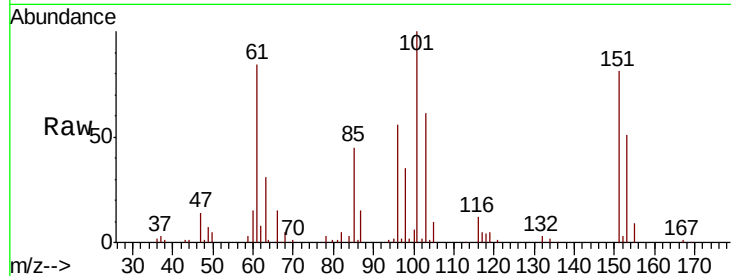




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.265 ug/l
 RT: 2.37 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

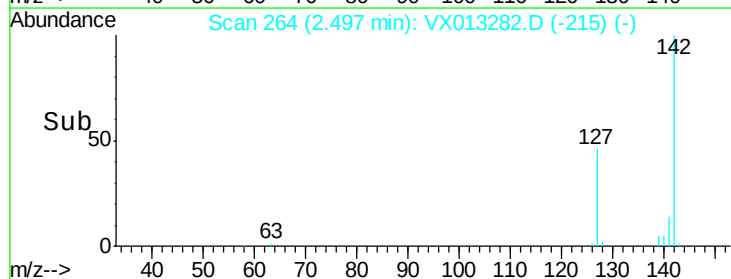
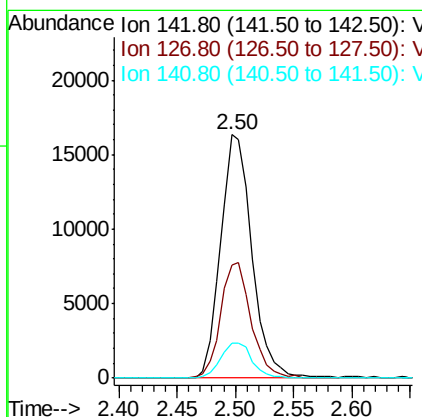
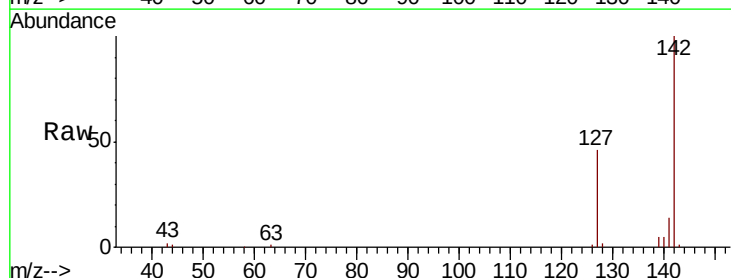
Instrument :
 MSVOA_X
 ClientSampled :

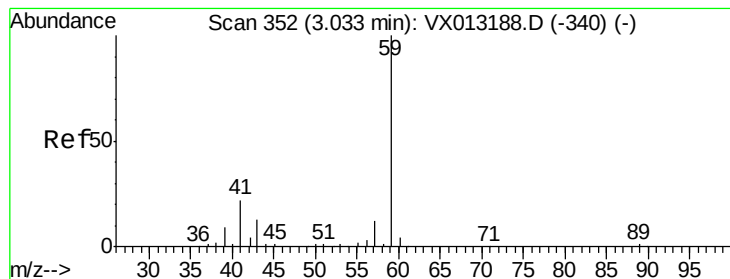
Tot Ion:101 Resp: 28753
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.0 51.0
 151 79.1 62.0 93.0



#10
 Methyl Iodide
 Concen: 19.327 ug/l
 RT: 2.50 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Tgt Ion:142 Resp: 30371
 Ion Ratio Lower Upper
 142 100
 127 46.0 35.6 53.4
 141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 92.667 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

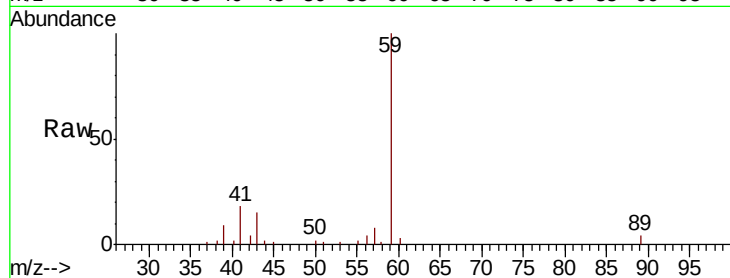
ClientSampleId :

Tot Ion: 59 Resp: 33861

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

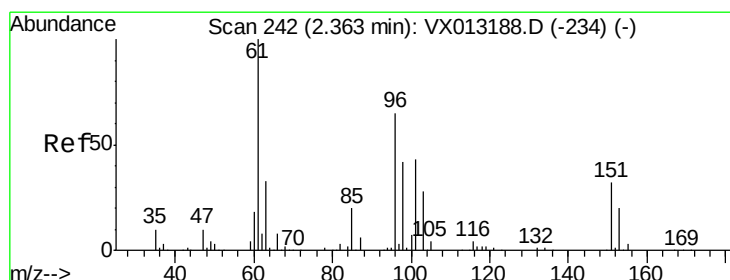
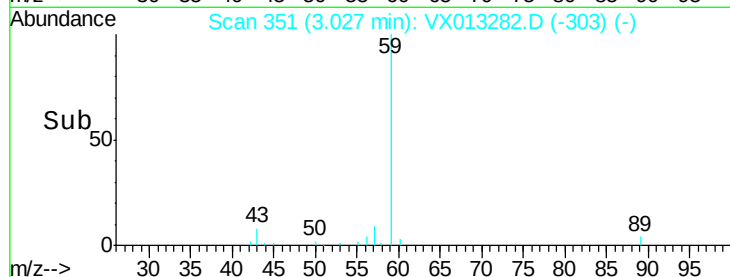
15000

10000

5000

0

Time--> 2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 19.246 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

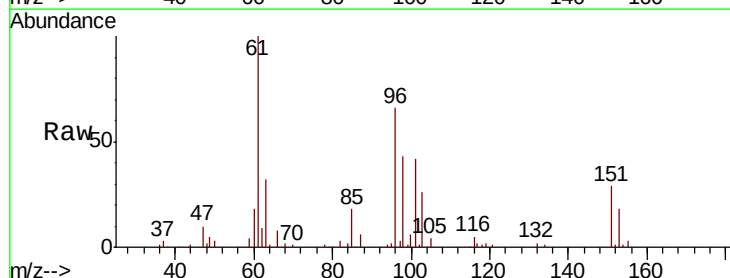
Tgt Ion: 96 Resp: 26213

Ion Ratio Lower Upper

96 100

61 150.5 123.8 185.8

98 65.1 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

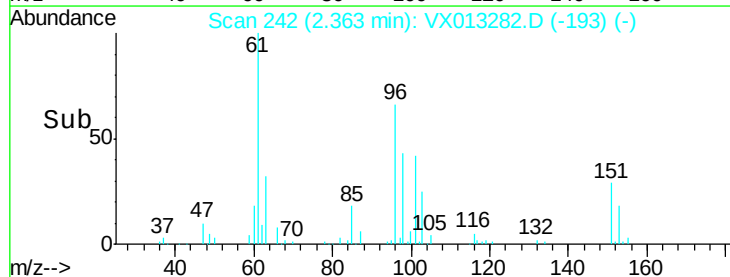
30000

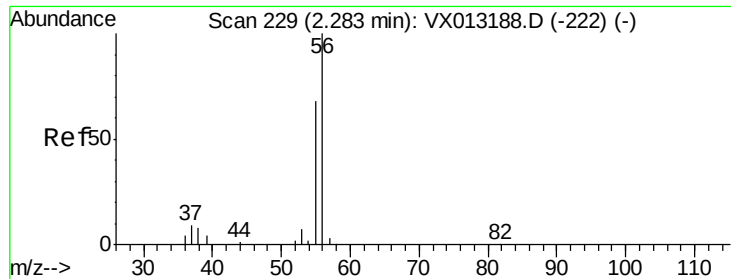
20000

10000

0

Time--> 2.25 2.30 2.35 2.40 2.45





#13

Acrolein

Concen: 108.862 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

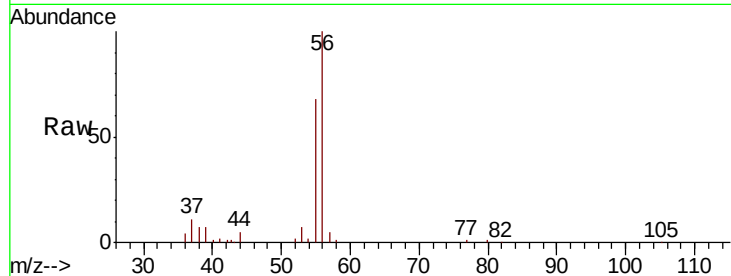
ClientSampleId :

Tot Ion: 56 Resp: 21359

Ion Ratio Lower Upper

56 100

55 72.3 58.9 88.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

15000

10000

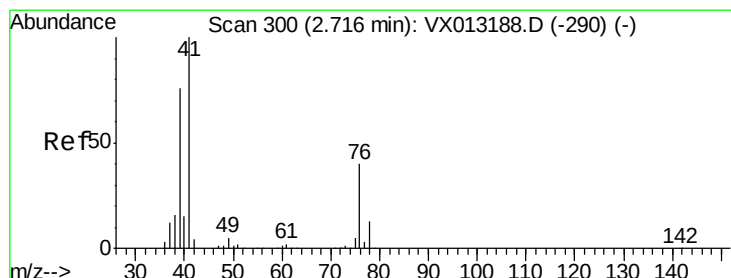
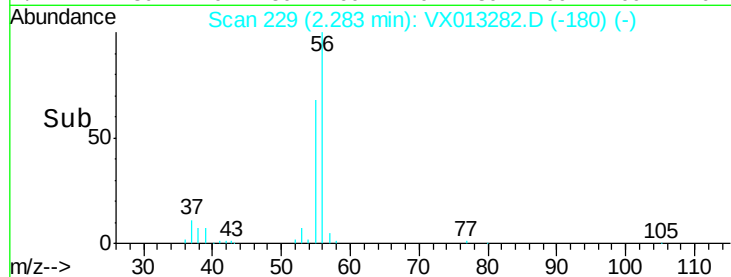
5000

0

Time-->

2.20 2.25 2.30 2.35

2.28



#14

Allyl chloride

Concen: 18.206 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

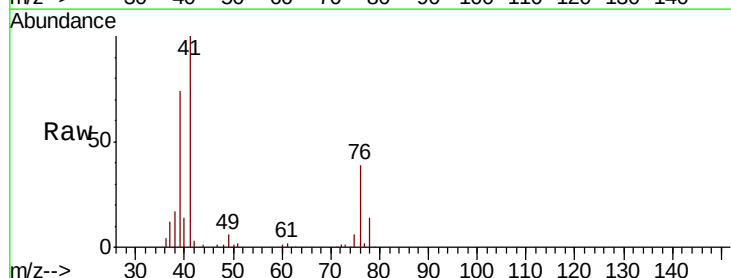
Tgt Ion: 41 Resp: 39039

Ion Ratio Lower Upper

41 100

39 71.5 54.6 81.8

76 37.1 29.8 44.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

25000

20000

15000

10000

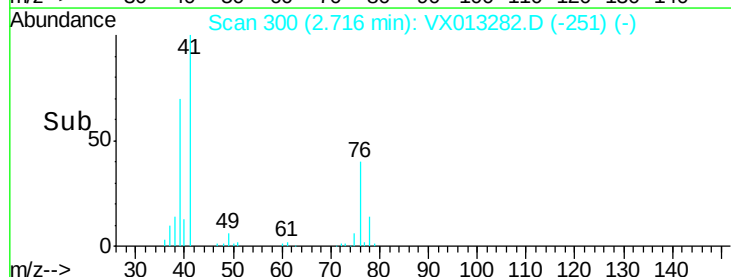
5000

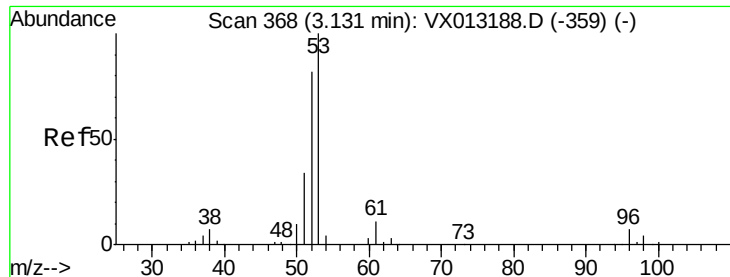
0

Time-->

2.60 2.70 2.80

2.72





#15

Acrylonitrile

Concen: 90.730 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

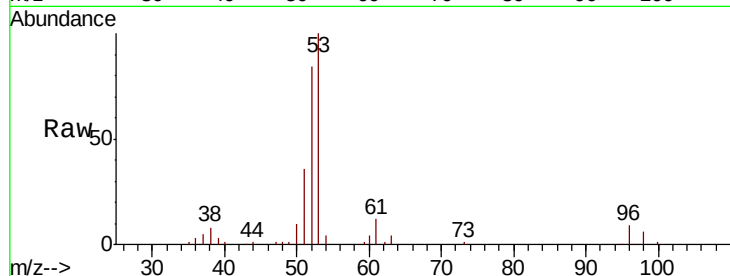
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 66877

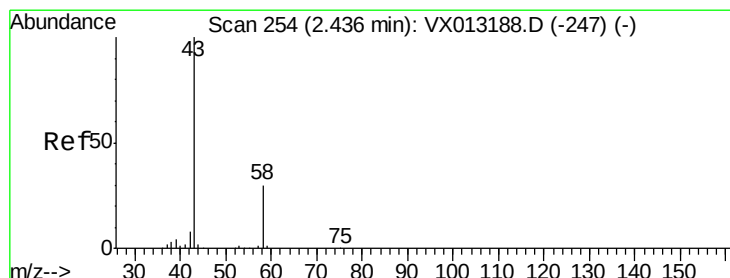
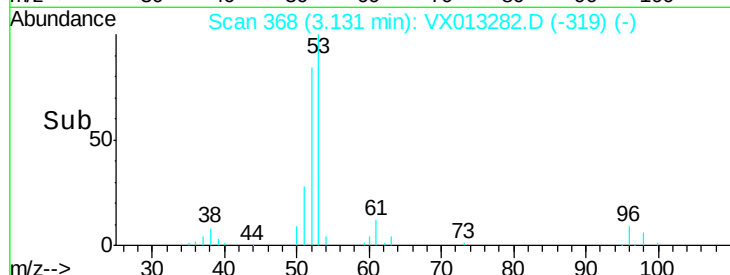
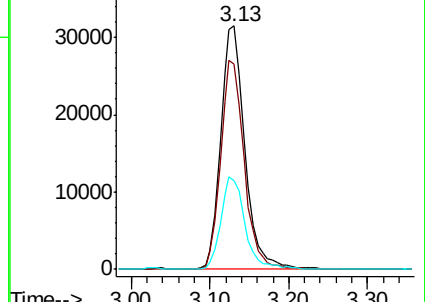
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.4	99.6
51	38.1	29.4	44.2



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: 101.053 ug/l

RT: 2.43 min Scan# 253

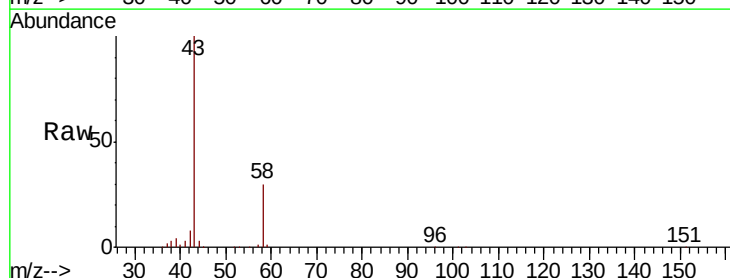
Delta R.T. -0.01 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

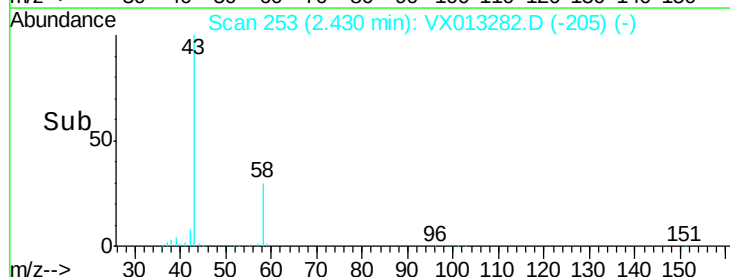
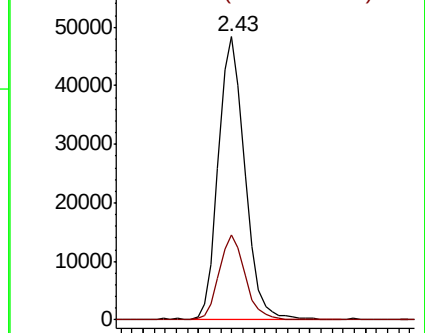
Tgt Ion: 43 Resp: 79614

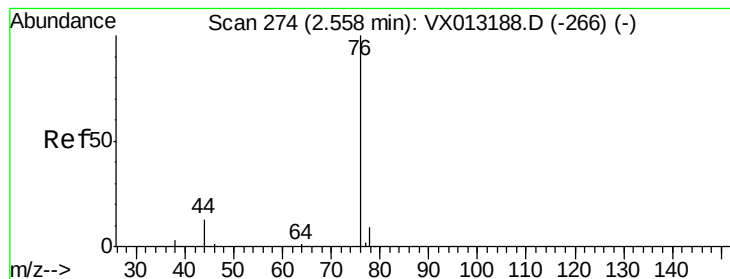
Ion	Ratio	Lower	Upper
43	100		
58	30.1	23.8	35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.843 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

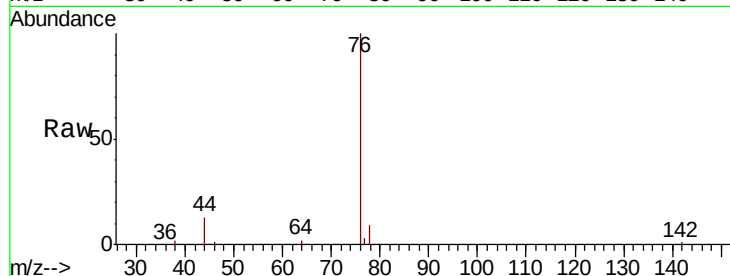
ClientSampleId :

Tot Ion: 76 Resp: 61673

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

40000

30000

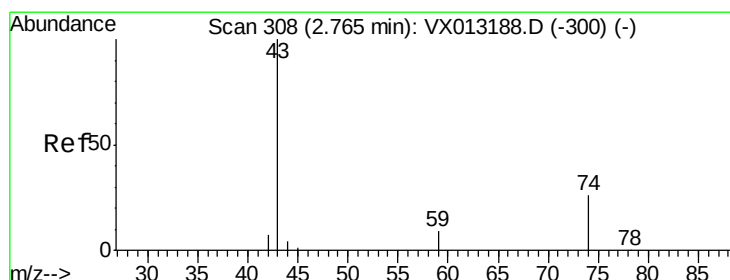
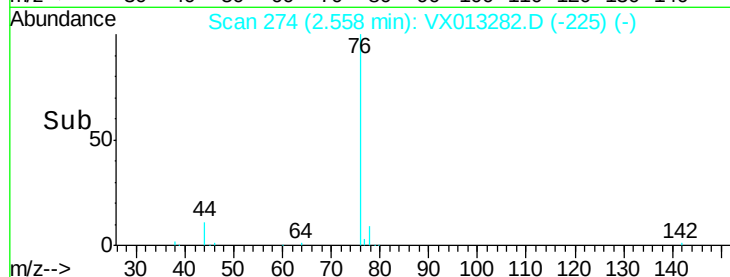
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 19.870 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX013282.D

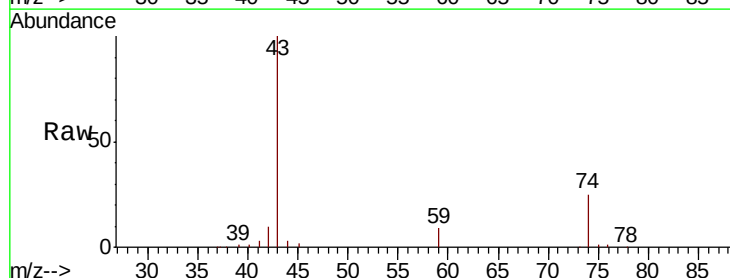
Acq: 30 Oct 2019 13:14

Tgt Ion: 43 Resp: 33159

Ion Ratio Lower Upper

43 100

74 27.3 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

20000

15000

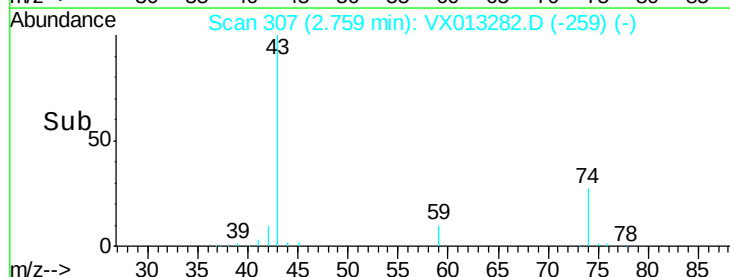
10000

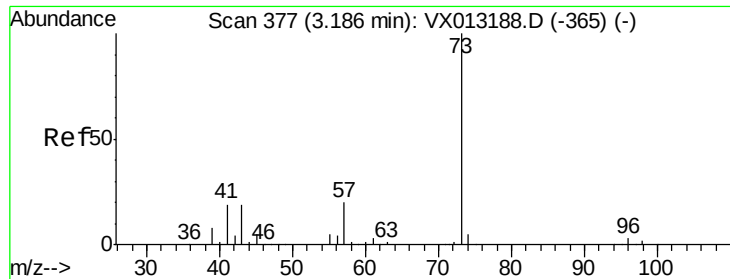
5000

0

Time-->

2.70 2.75 2.80 2.85

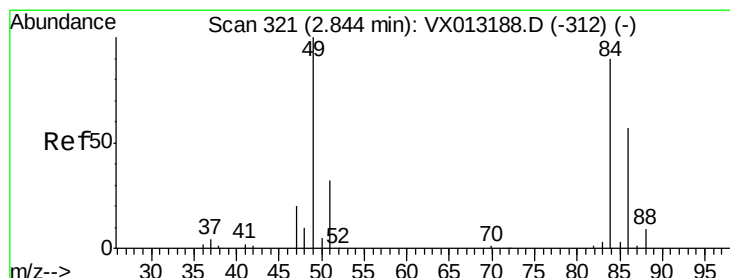
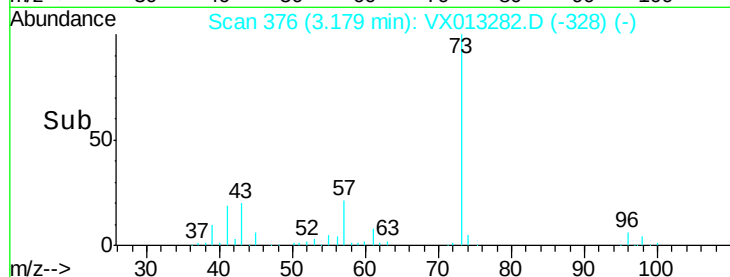
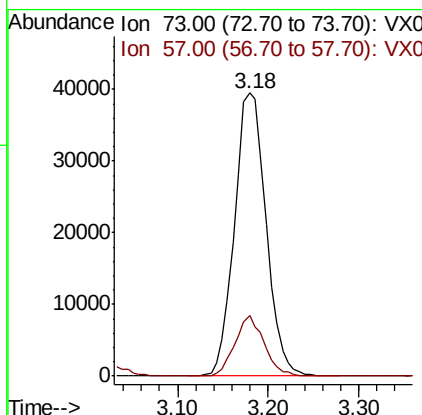
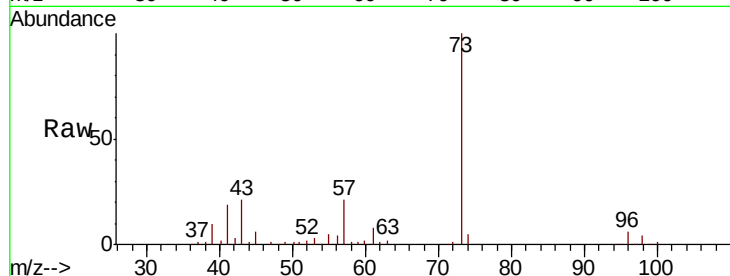




#19
Methyl tert-butyl Ether
Concen: 19.891 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

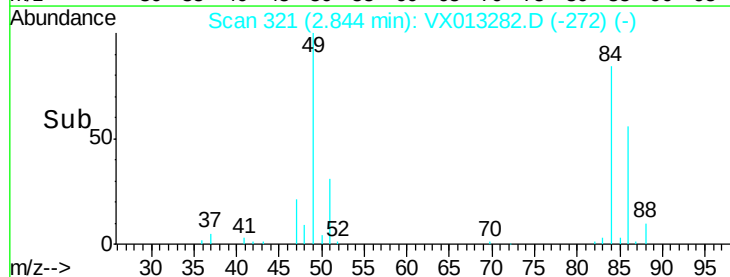
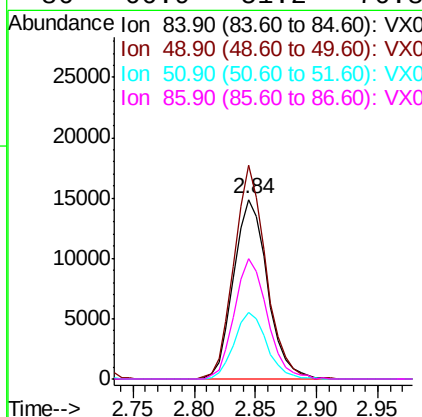
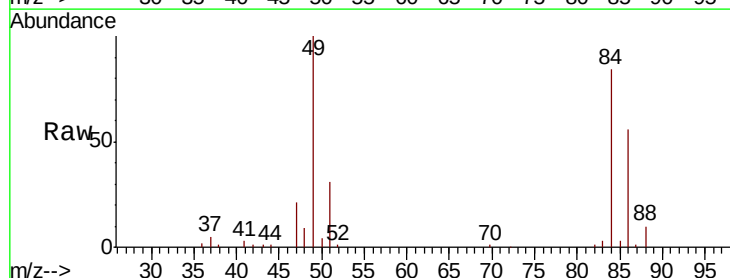
Instrument :
MSVOA_X
ClientSampleId :

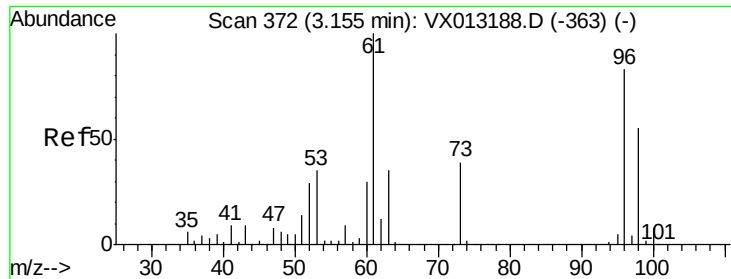
Tot Ion: 73 Resp: 95403
Ion Ratio Lower Upper
73 100
57 21.4 15.8 23.8



#20
Methylene Chloride
Concen: 19.548 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 84 Resp: 28540
Ion Ratio Lower Upper
84 100
49 118.9 89.2 133.8
51 36.8 28.8 43.2
86 66.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.494 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampled :

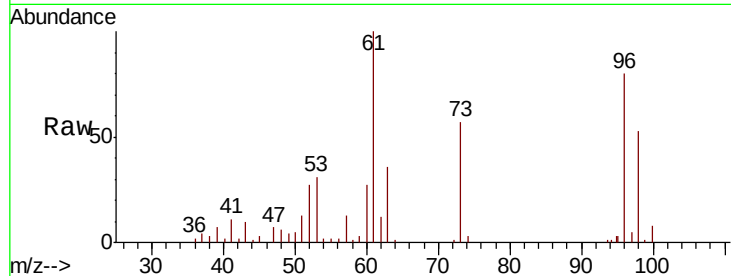
Tot Ion: 96 Resp: 28641

Ion Ratio Lower Upper

96 100

61 125.6 96.9 145.3

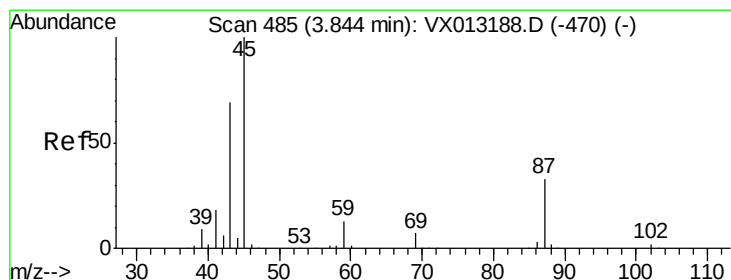
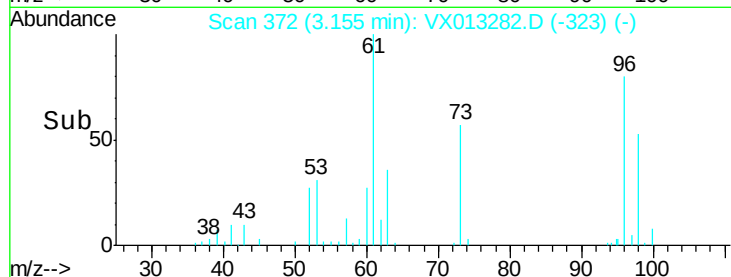
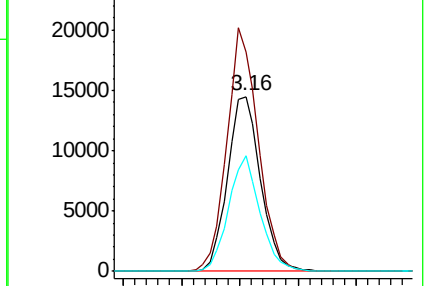
98 66.1 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.233 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Tgt Ion: 45 Resp: 80638

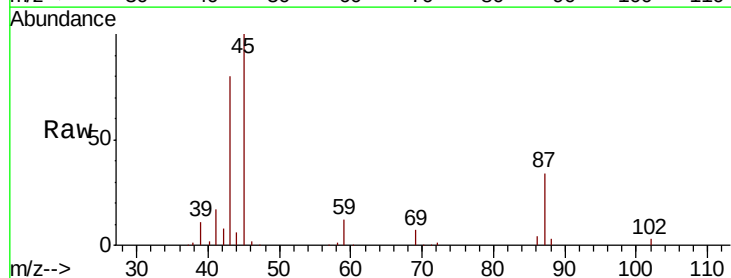
Ion Ratio Lower Upper

45 100

43 79.2 55.5 83.3

87 33.9 26.7 40.1

59 12.1 10.2 15.2

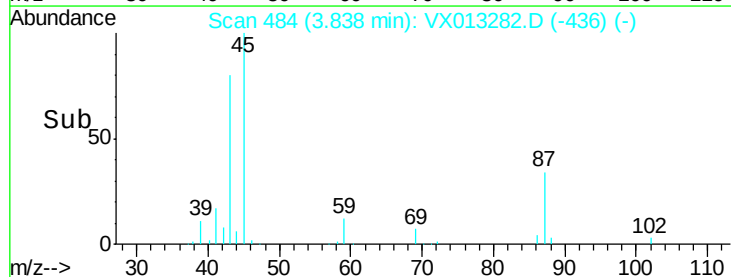
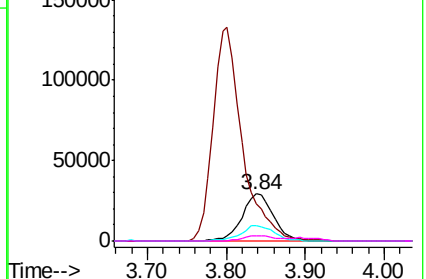


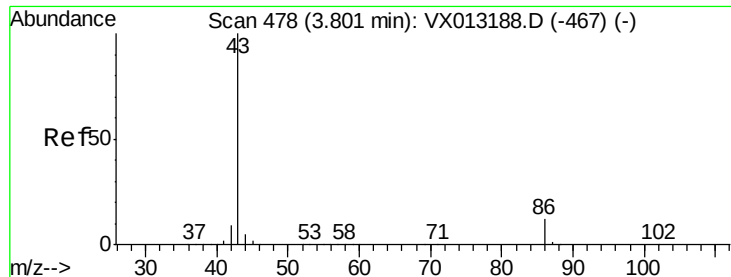
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 96.452 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

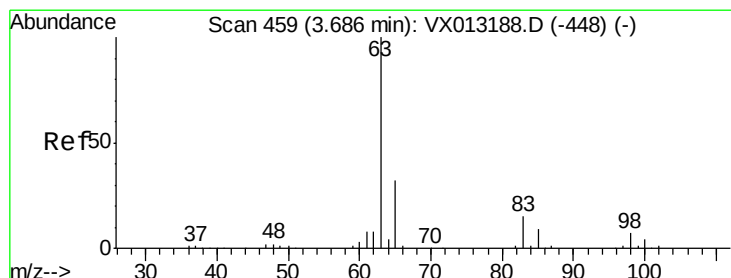
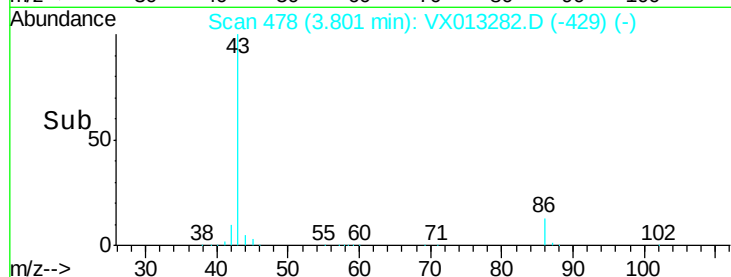
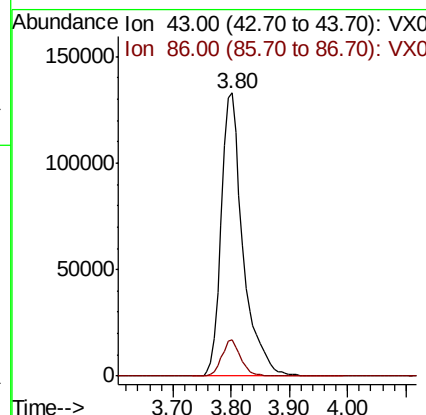
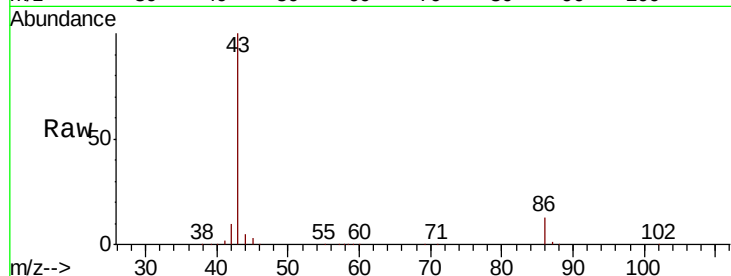
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 343711

Ion Ratio Lower Upper

43 100

86 13.0 9.7 14.5



#24

1,1-Dichloroethane

Concen: 18.950 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

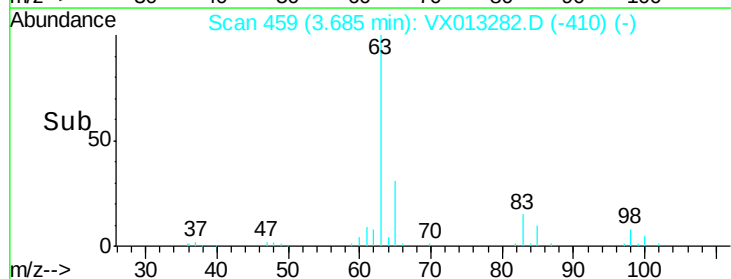
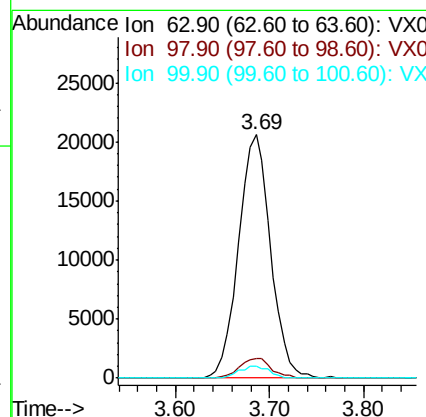
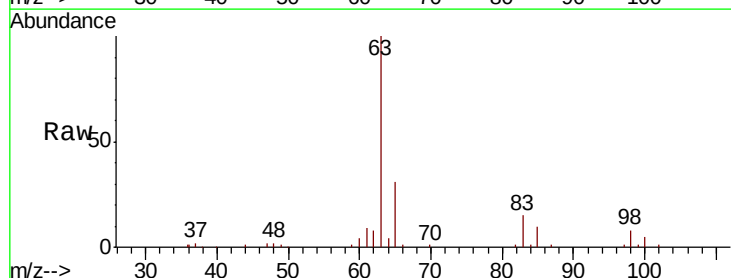
Tgt Ion: 63 Resp: 48870

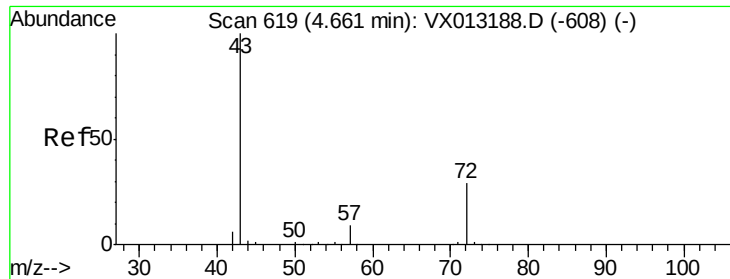
Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.2

100 5.1 2.2 6.6





#25

2-Butanone

Concen: 93.128 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

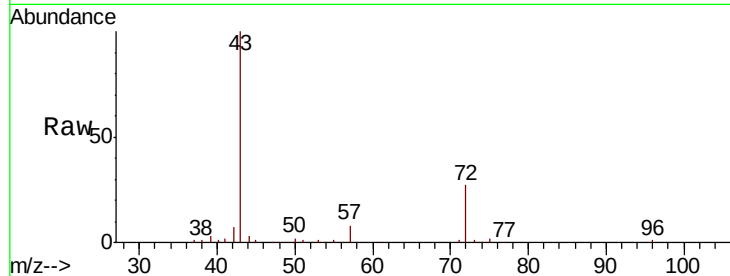
ClientSampleId :

Tot Ion: 43 Resp: 98397

Ion Ratio Lower Upper

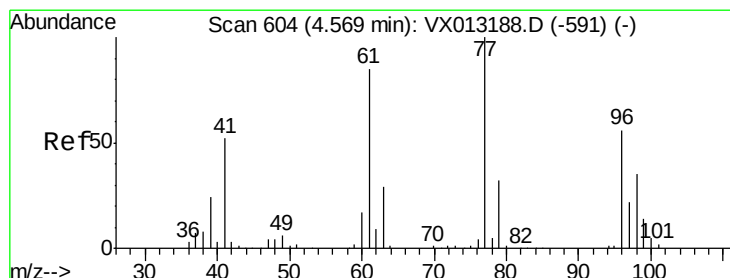
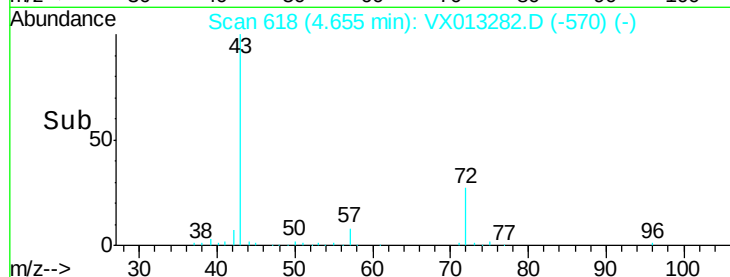
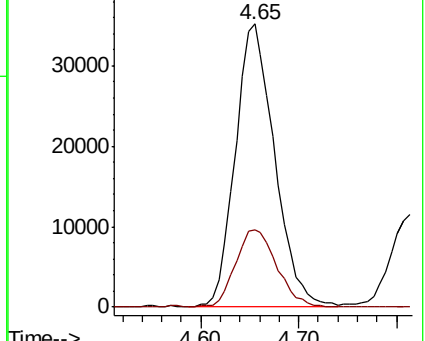
43 100

72 27.1 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.686 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013282.D

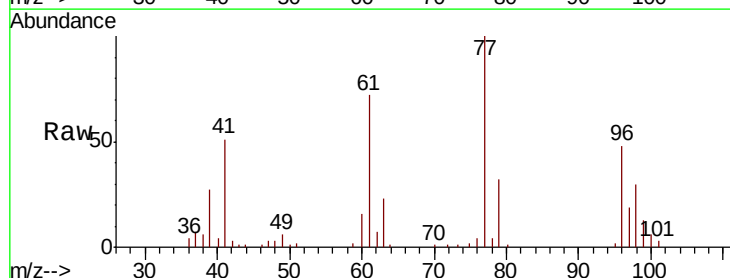
Acq: 30 Oct 2019 13:14

Tgt Ion: 77 Resp: 49301

Ion Ratio Lower Upper

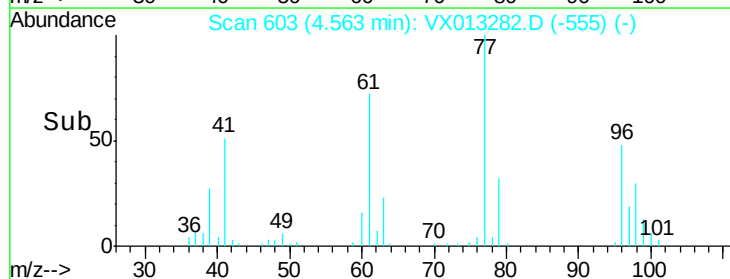
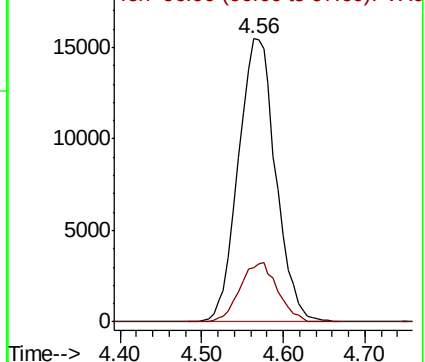
77 100

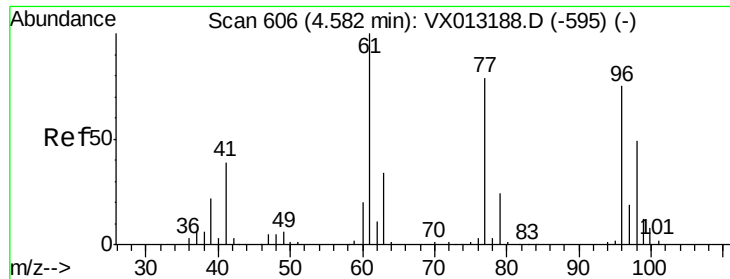
97 20.9 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



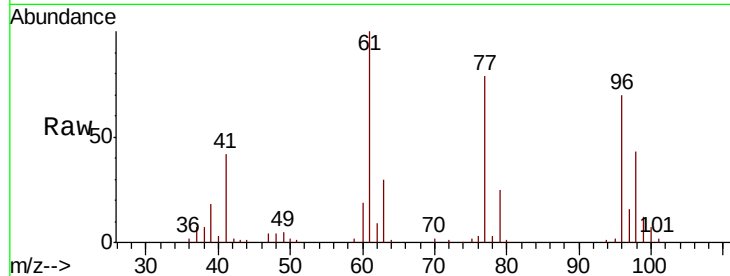


#27

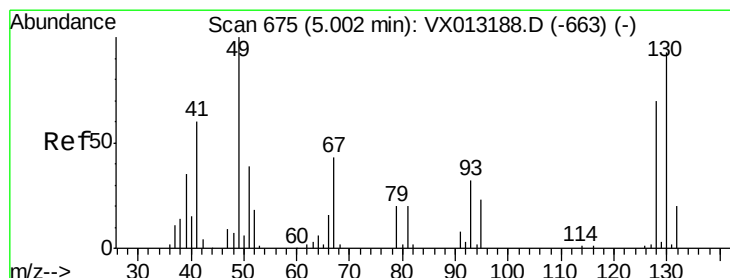
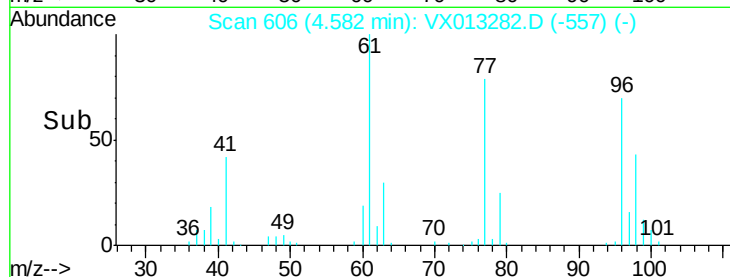
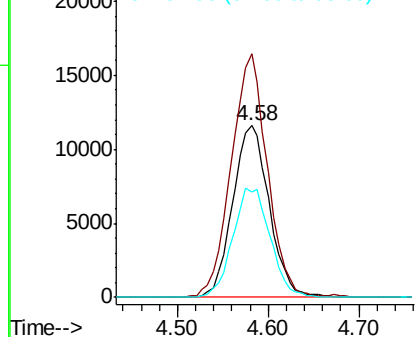
cis-1,2-Dichloroethene
Concen: 19.404 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 32366
Ion Ratio Lower Upper
96 100
61 139.9 0.0 290.4
98 64.9 0.0 130.4



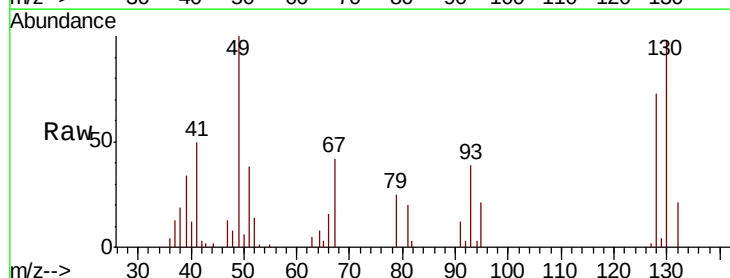
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



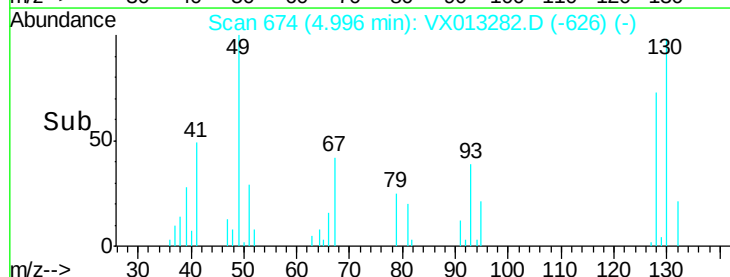
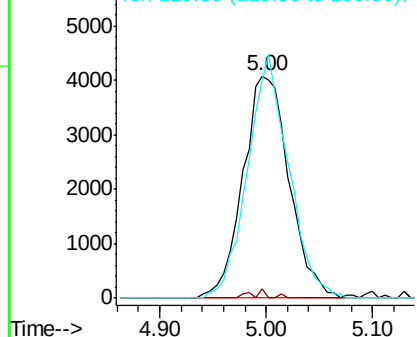
#28

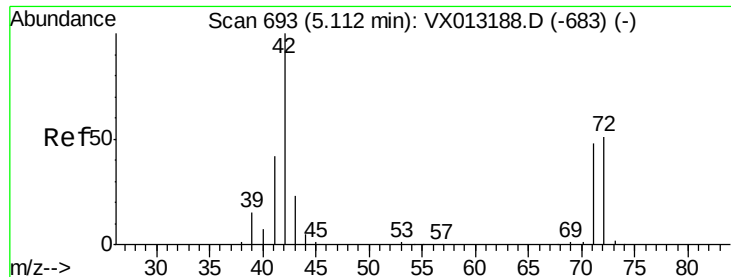
Bromochloromethane
Concen: 18.640 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 49 Resp: 12395
Ion Ratio Lower Upper
49 100
129 0.5 0.0 4.8
130 97.5 71.8 107.8



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: 88.660 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampled :

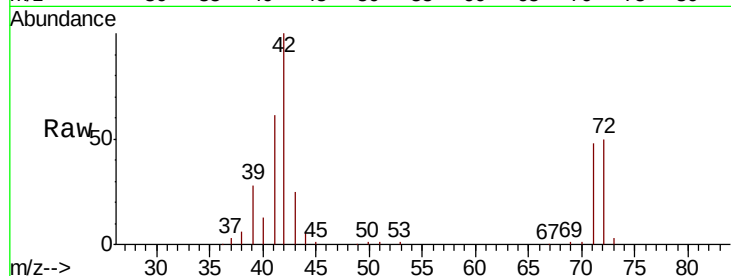
Tot Ion: 42 Resp: 56465

Ion Ratio Lower Upper

42 100

72 50.6 40.9 61.3

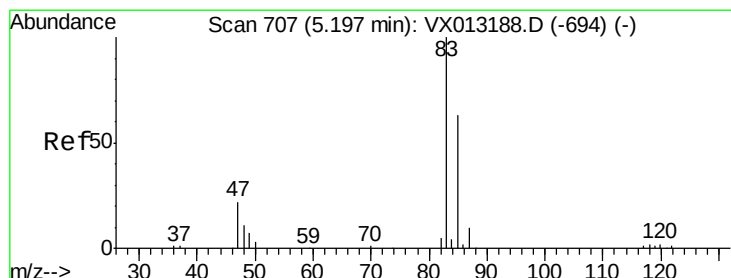
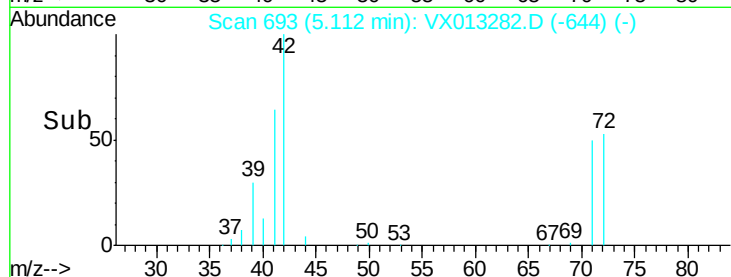
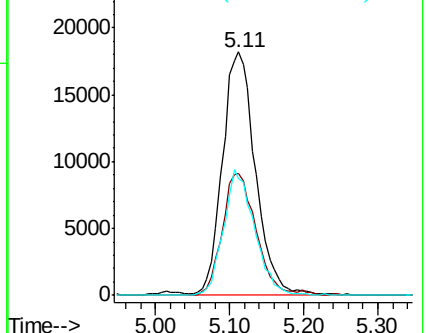
71 48.3 38.6 57.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.334 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013282.D

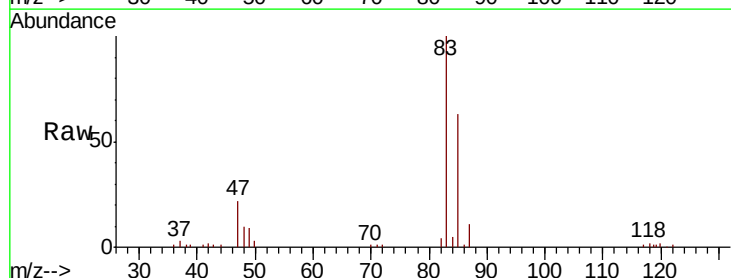
Acq: 30 Oct 2019 13:14

Tgt Ion: 83 Resp: 55830

Ion Ratio Lower Upper

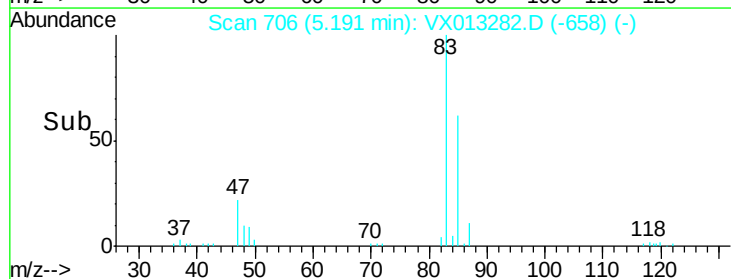
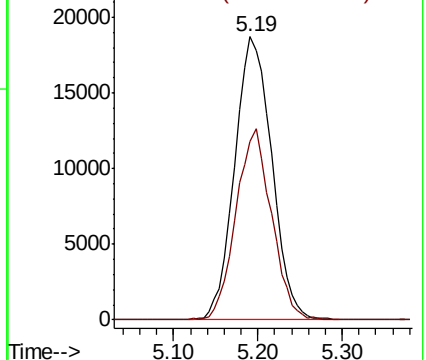
83 100

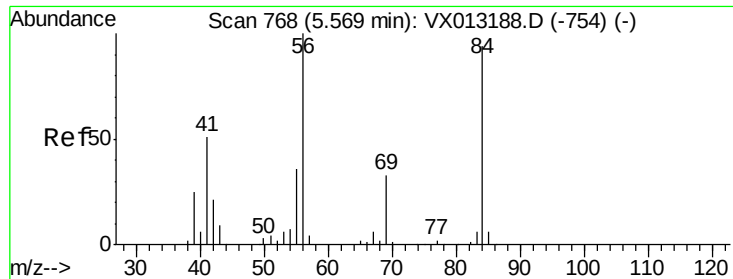
85 62.8 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

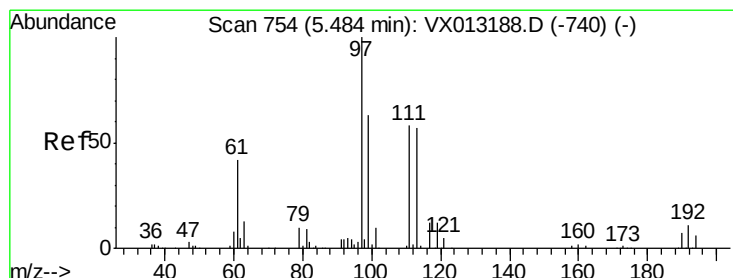
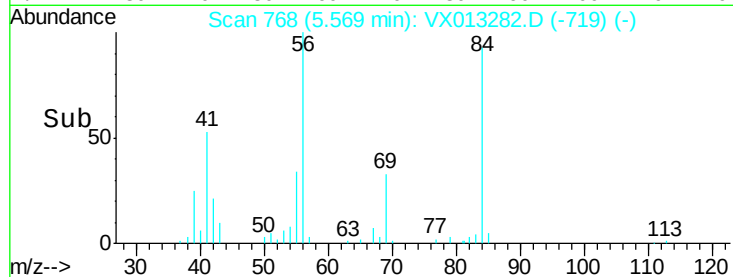
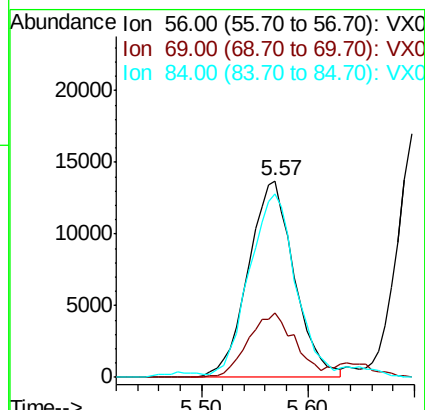
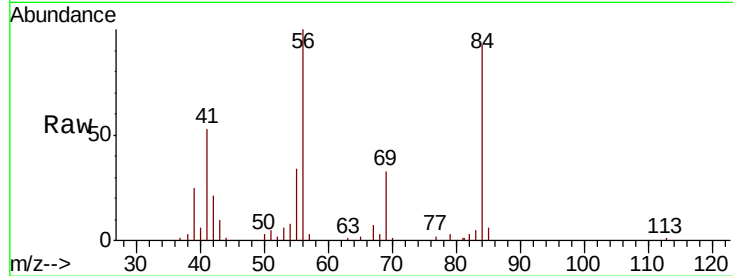




#31
Cyclohexane
Concen: 19.125 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

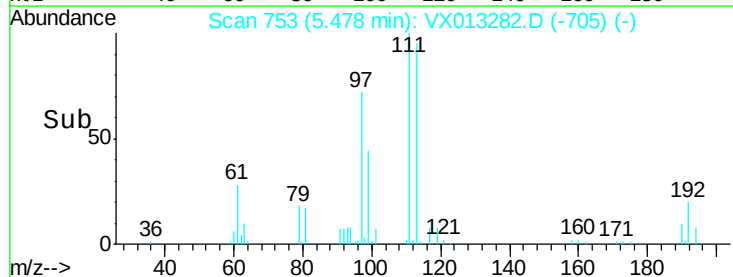
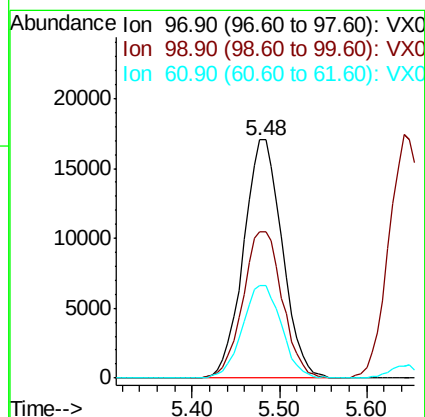
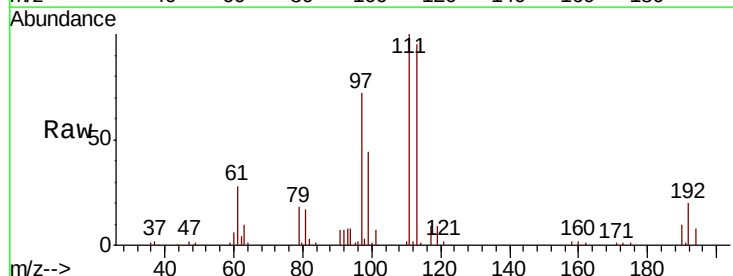
Instrument :
MSVOA_X
ClientSampleId :

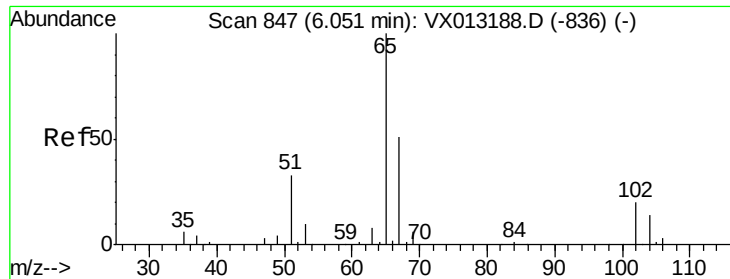
Tot Ion: 56 Resp: 41361
Ion Ratio Lower Upper
56 100
69 32.6 26.3 39.5
84 90.9 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 21.490 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 97 Resp: 52464
Ion Ratio Lower Upper
97 100
99 62.5 50.8 76.2
61 39.5 32.8 49.2

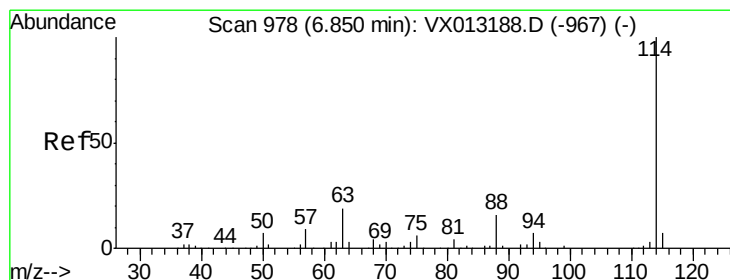
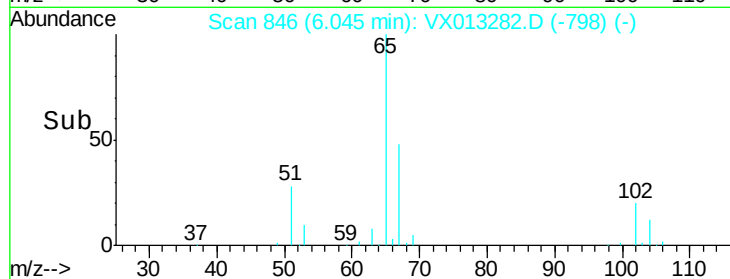
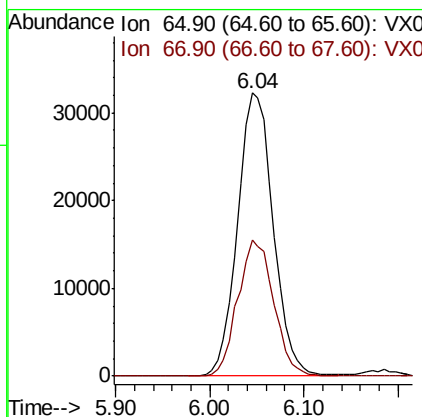
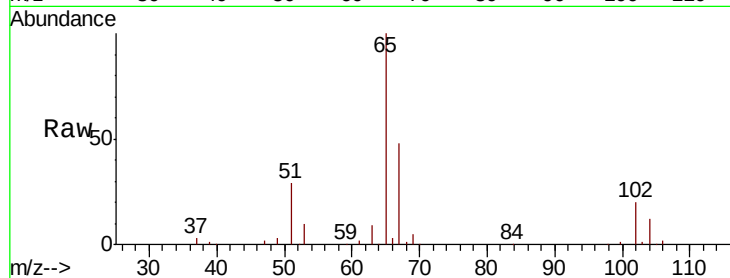




#33
 1,2-Dichloroethane-d4
 Concen: 51.043 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

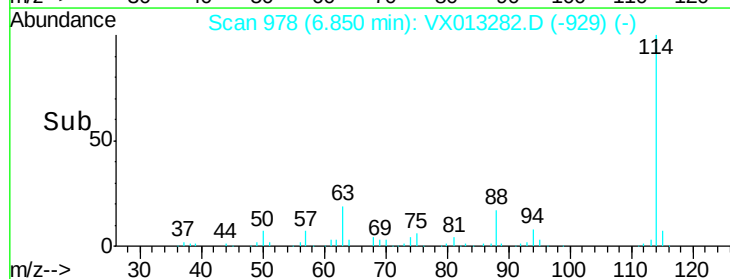
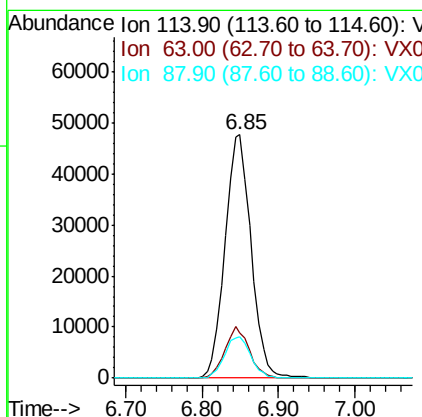
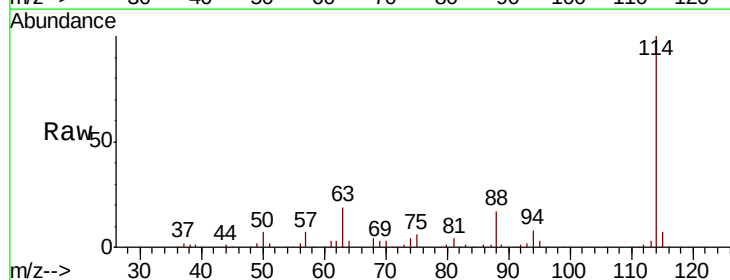
Instrument :
 MSVOA_X
 ClientSampleId :

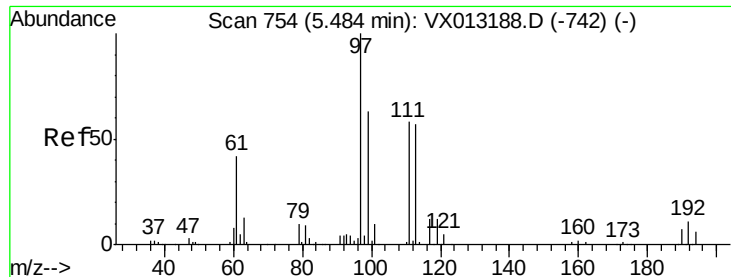
Tot Ion: 65 Resp: 85358
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Tgt Ion: 114 Resp: 112438
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.0
 88 17.2 0.0 32.0

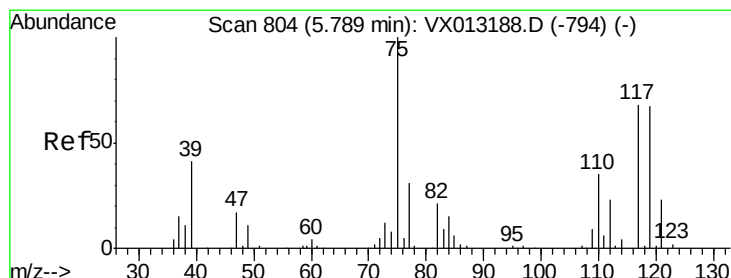
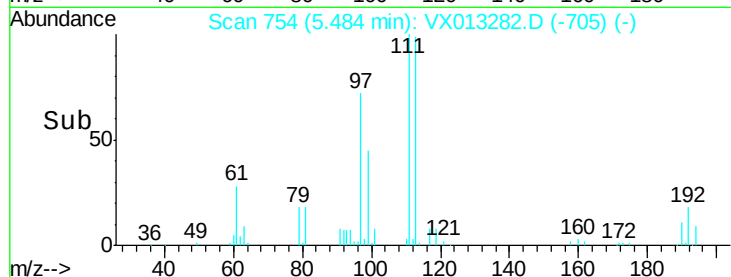
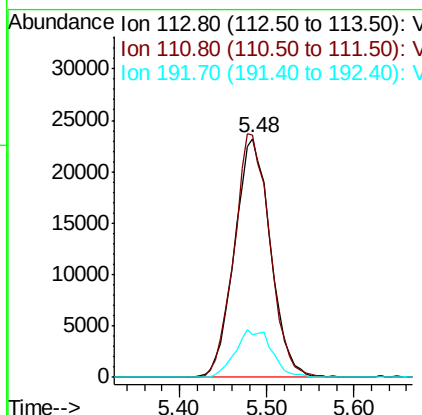
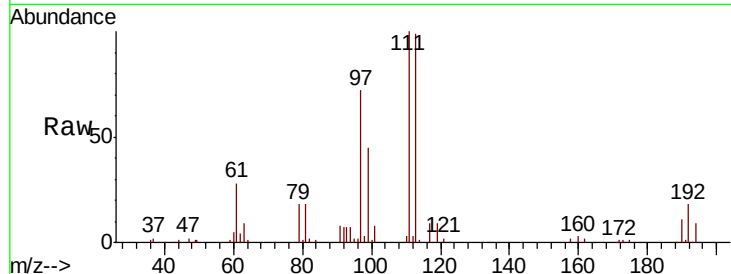




#35
 Dibromofluoromethane
 Concen: 52.765 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

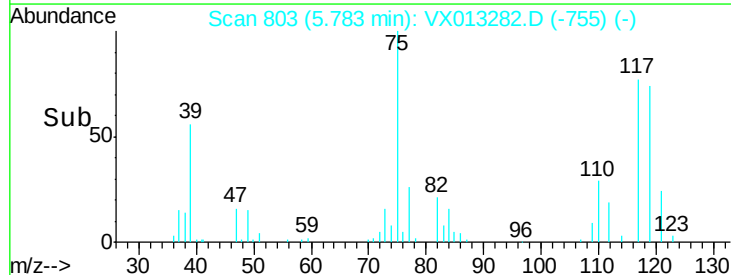
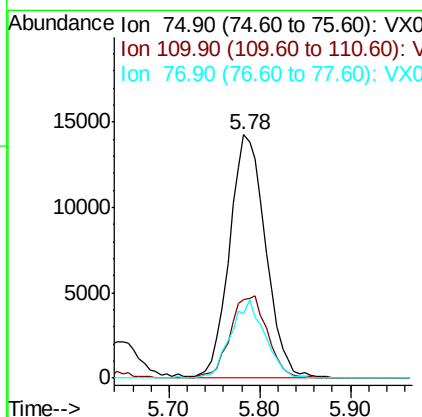
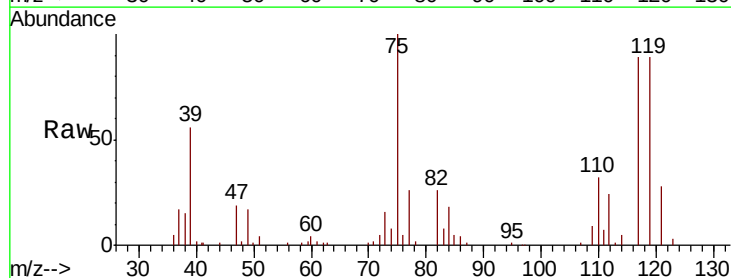
Instrument :
 MSVOA_X
 ClientSampleId :

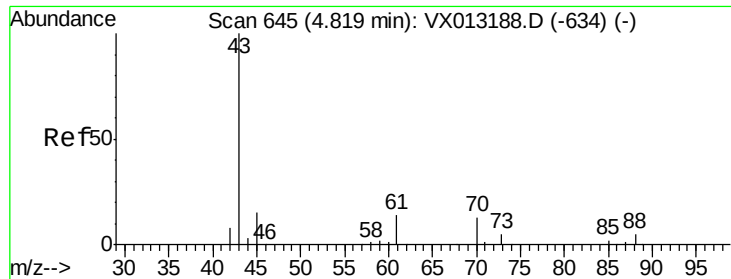
Tot Ion:113 Resp: 66159
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.3 120.5
 192 20.3 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 21.056 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Tgt Ion: 75 Resp: 39714
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.6 52.9
 77 30.6 24.7 37.1

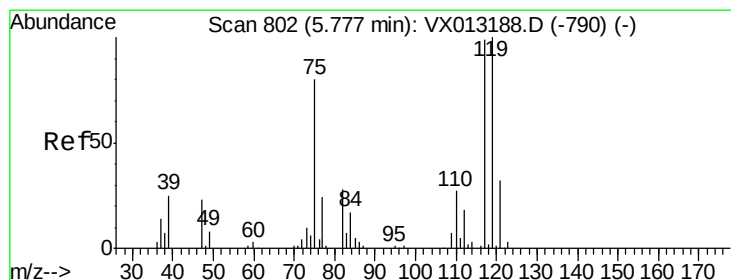
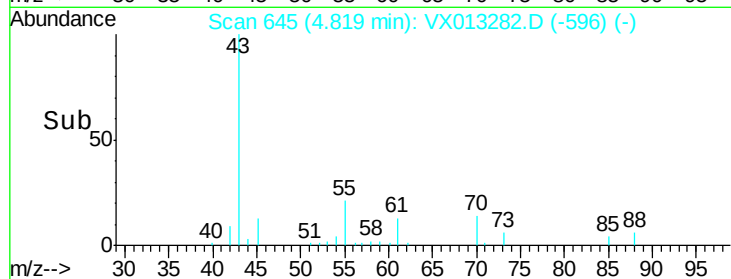
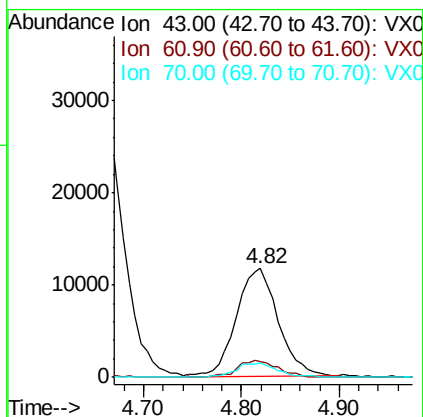
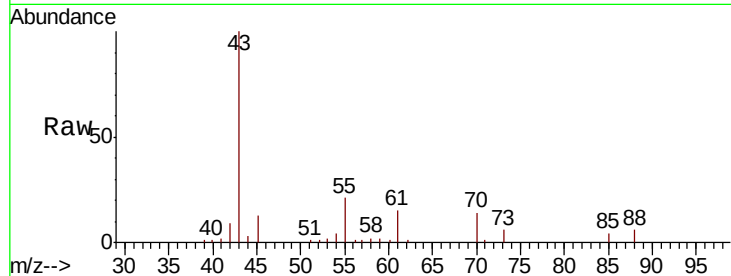




#37
Ethyl Acetate
Concen: 18.521 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

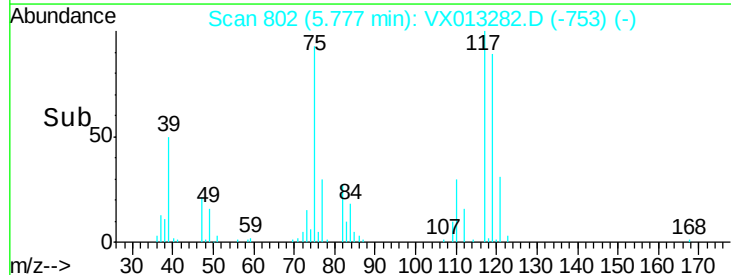
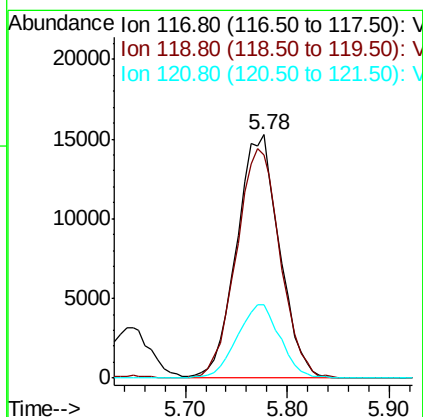
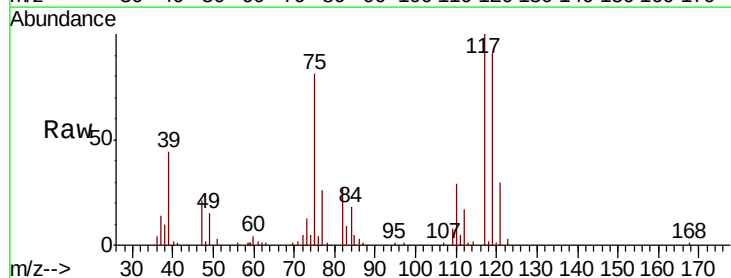
Instrument :
MSVOA_X
ClientSampleId :

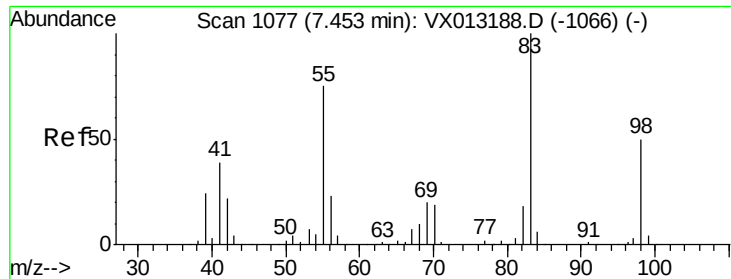
Tot Ion: 43 Resp: 34702
Ion Ratio Lower Upper
43 100
61 15.5 12.1 18.1
70 13.4 10.4 15.6



#38
Carbon Tetrachloride
Concen: 21.398 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 117 Resp: 44470
Ion Ratio Lower Upper
117 100
119 91.4 80.1 120.1
121 30.3 25.5 38.3

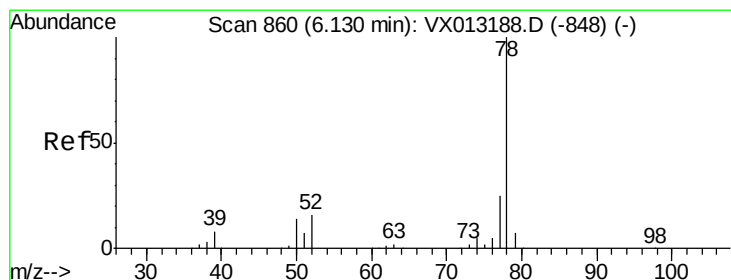
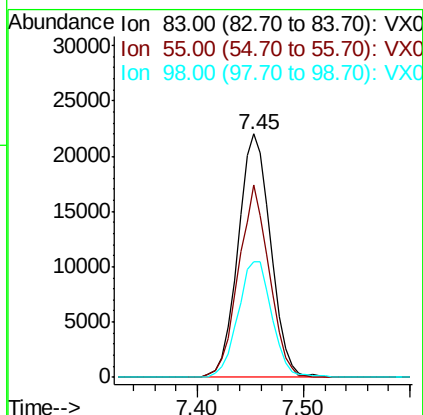
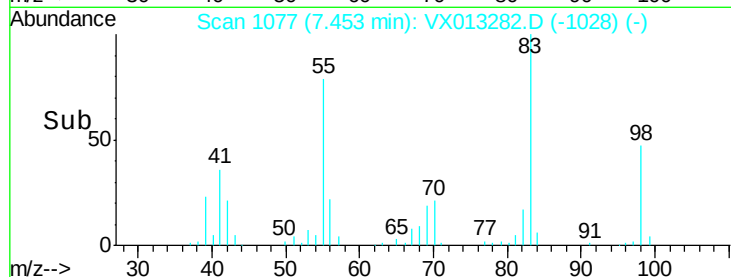
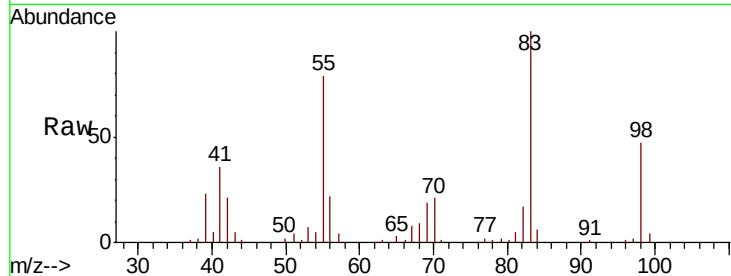




#39
Methylvlcyclohexane
Concen: 19.670 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

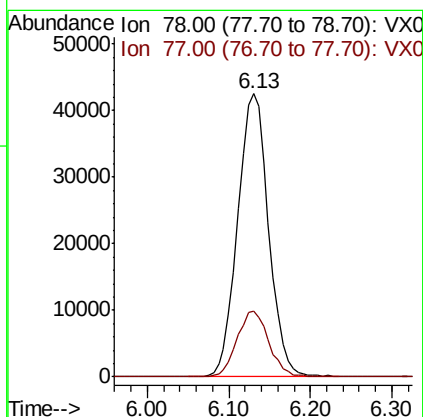
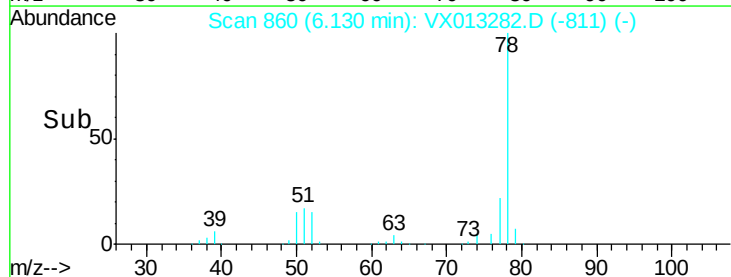
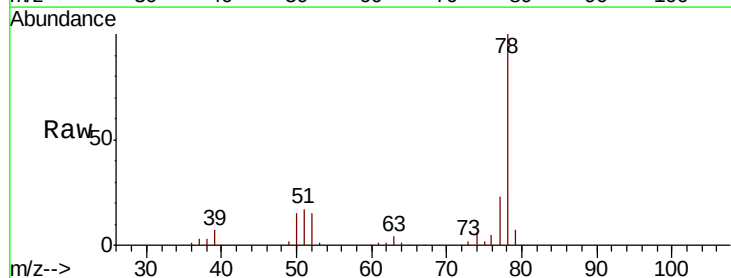
Instrument :
MSVOA_X
ClientSampled :

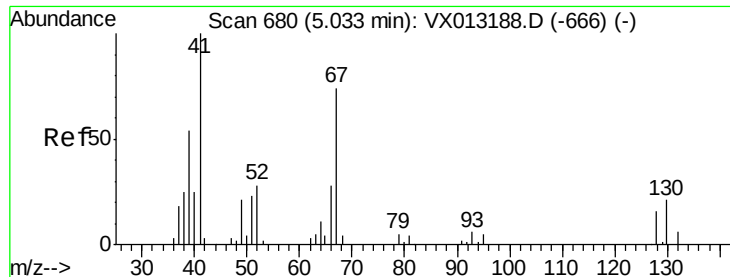
Tot Ion: 83 Resp: 47347
Ion Ratio Lower Upper
83 100
55 78.9 60.1 90.1
98 47.4 39.8 59.8



#40
Benzene
Concen: 19.780 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 78 Resp: 111712
Ion Ratio Lower Upper
78 100
77 23.2 19.6 29.4





#41

Methacrylonitrile

Concen: 19.630 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 19719

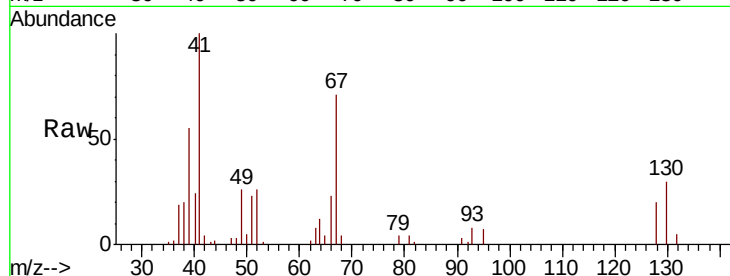
Ion Ratio Lower Upper

41 100

39 59.9 45.2 67.8

67 77.7 61.3 91.9

52 32.9 25.1 37.7

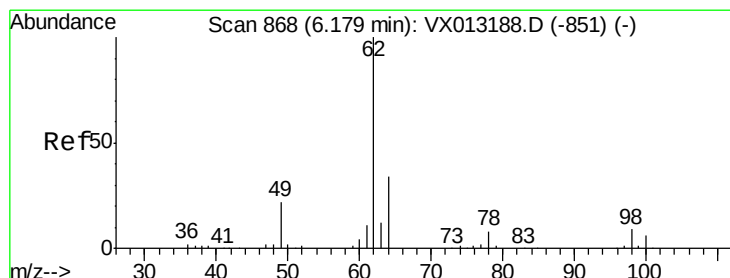
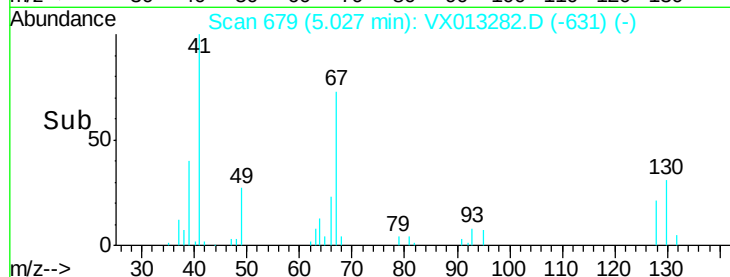
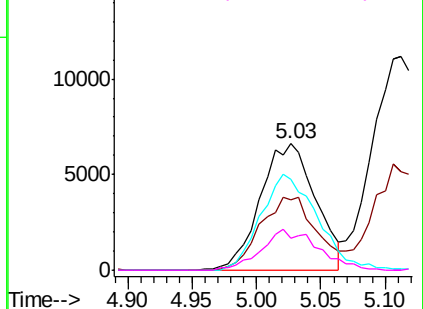


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.104 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013282.D

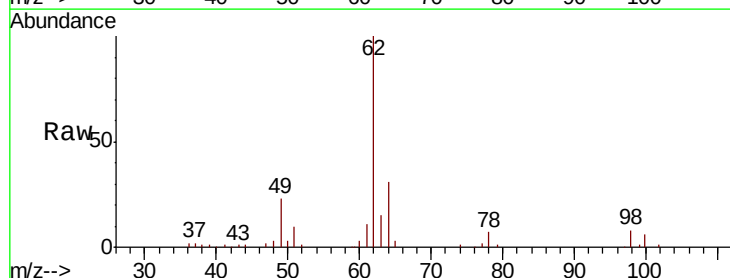
Acq: 30 Oct 2019 13:14

Tgt Ion: 62 Resp: 47068

Ion Ratio Lower Upper

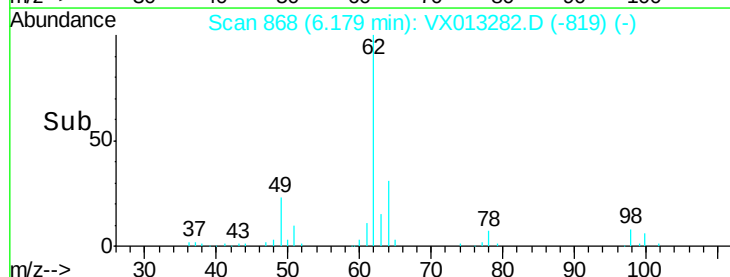
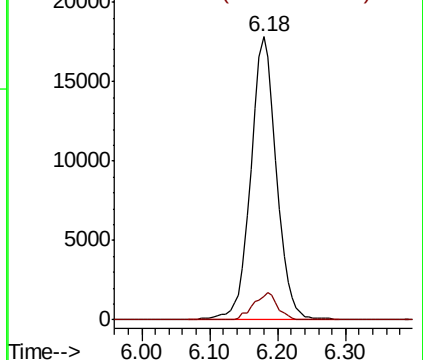
62 100

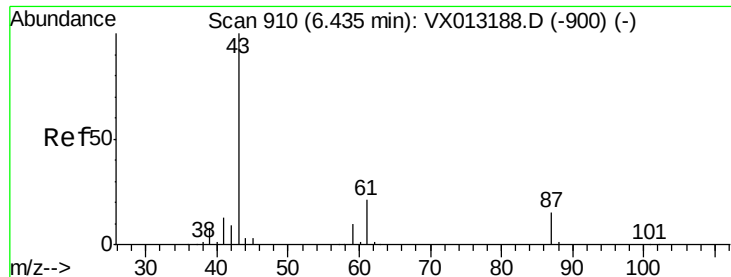
98 9.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.441 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

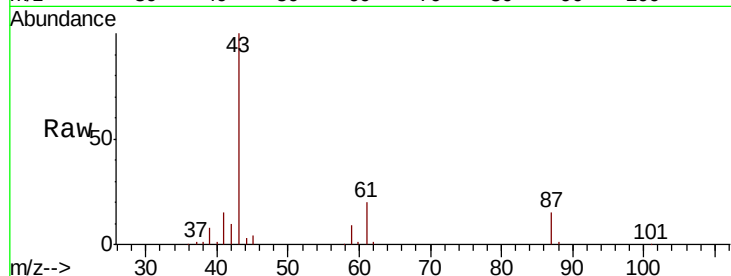
Tot Ion: 43 Resp: 60480

Ion Ratio Lower Upper

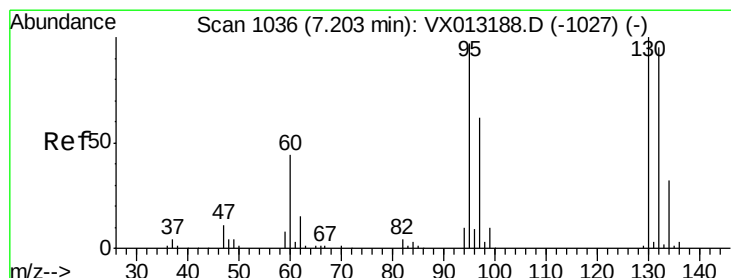
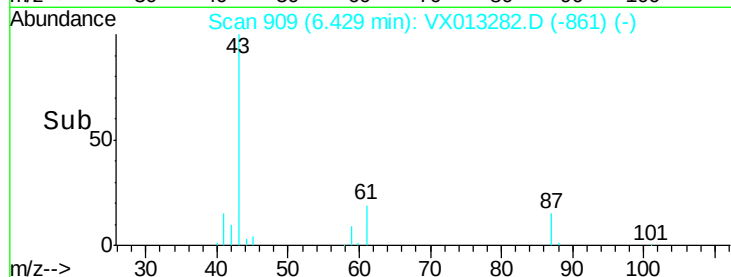
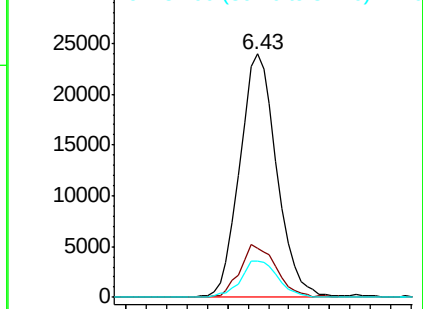
43 100

61 21.4 17.0 25.4

87 15.2 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.770 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013282.D

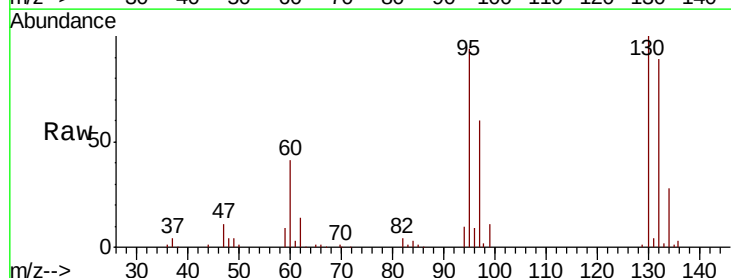
Acq: 30 Oct 2019 13:14

Tgt Ion:130 Resp: 33291

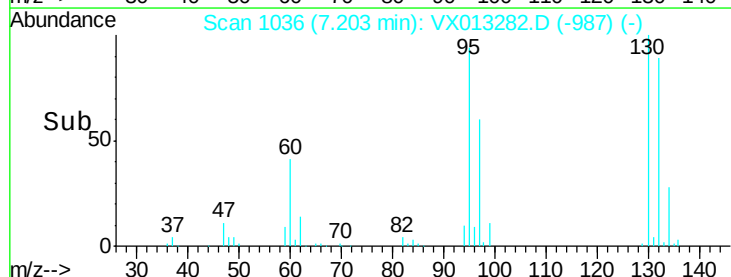
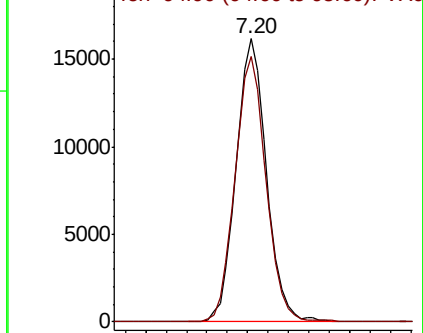
Ion Ratio Lower Upper

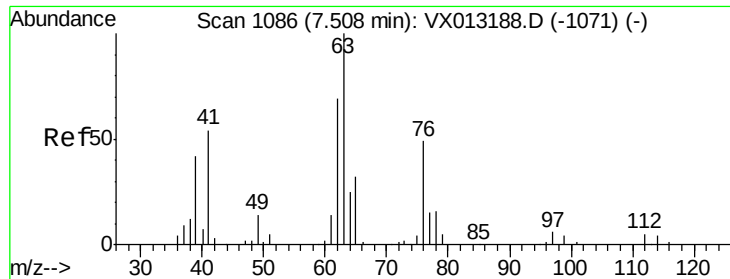
130 100

95 93.9 0.0 193.6



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

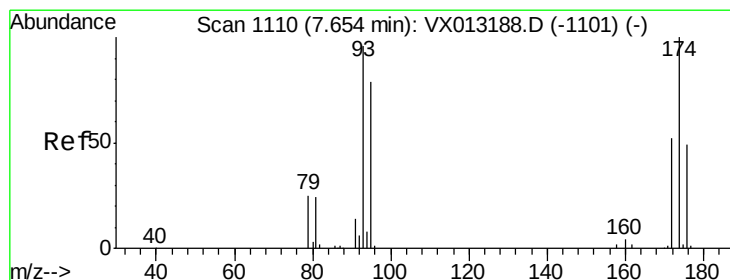
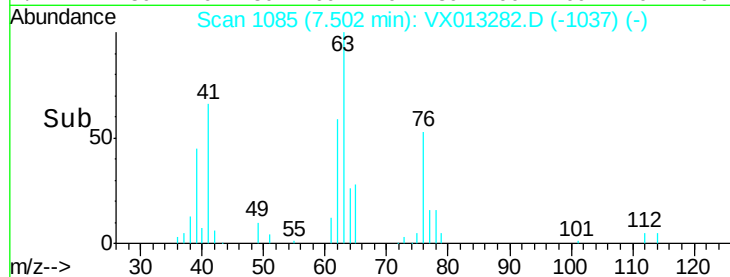
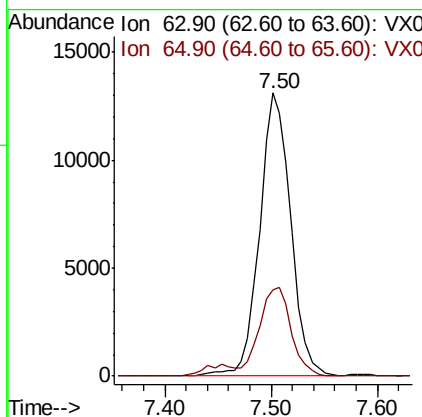
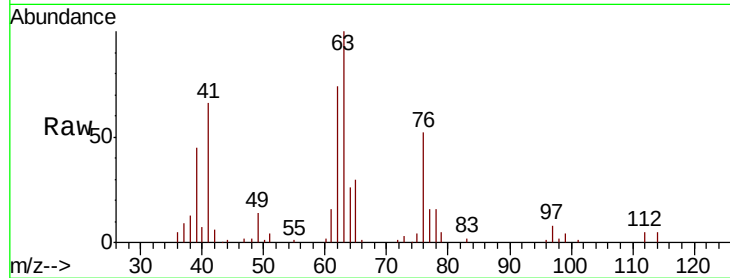




#45
 1,2-Dichloropropane
 Concen: 18.962 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

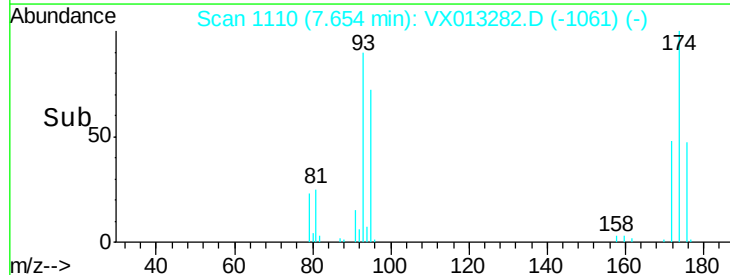
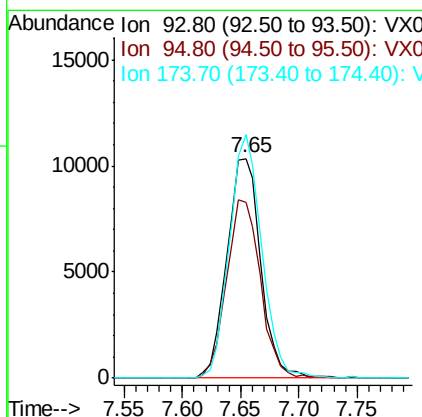
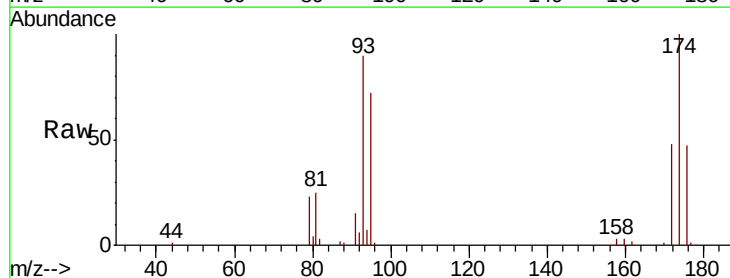
Instrument :
 MSVOA_X
 ClientSampled :

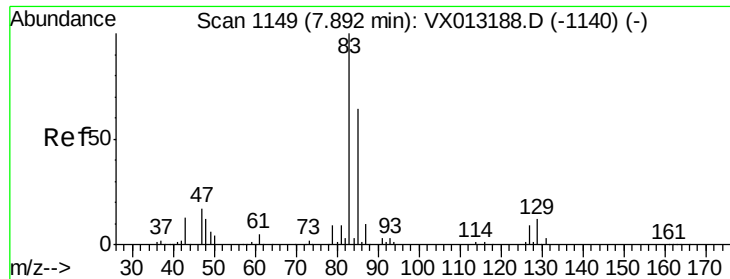
Tot Ion: 63 Resp: 26822
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.3 37.9



#46
 Dibromomethane
 Concen: 20.496 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Tgt Ion: 93 Resp: 20888
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.2 99.4
 174 106.6 85.2 127.8





#47

Bromodichloromethane

Concen: 21.440 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

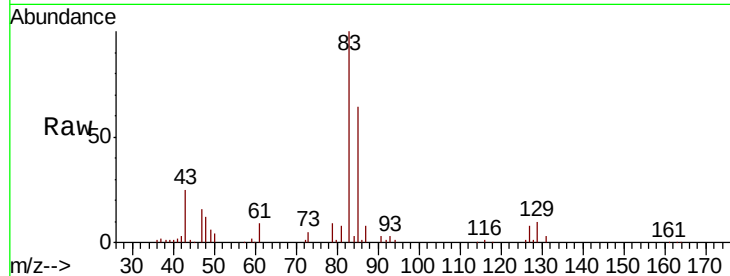
Tot Ion: 83 Resp: 42580

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6

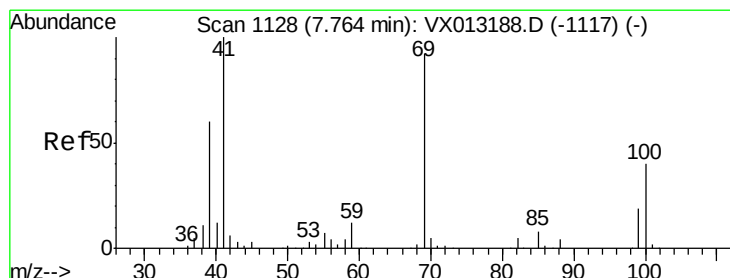
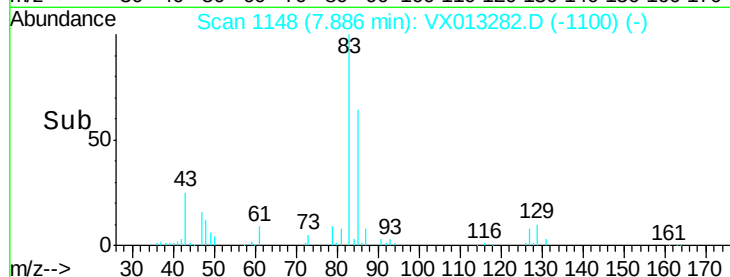
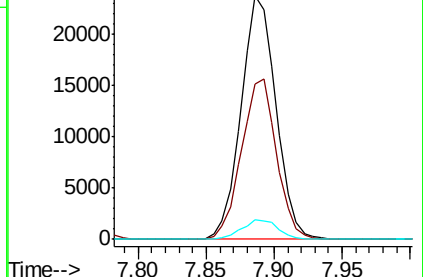
127 8.1 7.2 10.8



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: 19.662 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

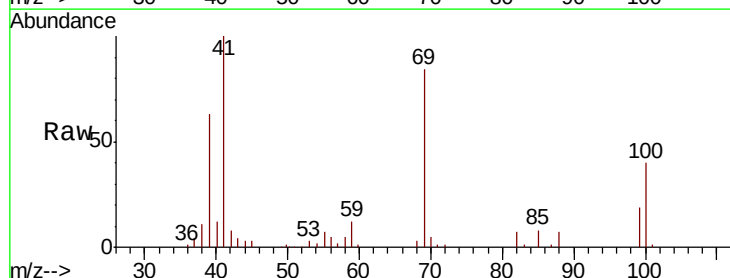
Tgt Ion: 41 Resp: 30232

Ion Ratio Lower Upper

41 100

69 87.8 72.0 108.0

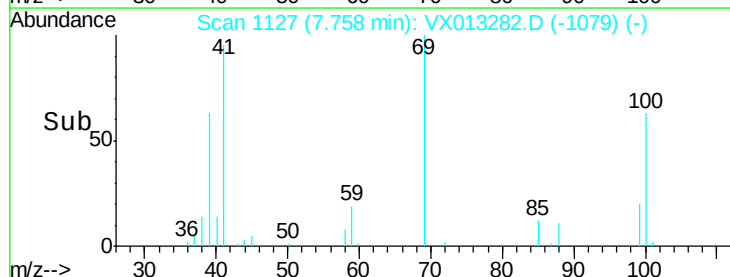
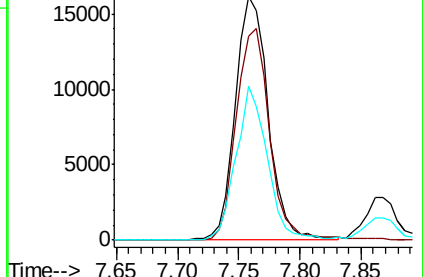
39 59.5 47.4 71.0

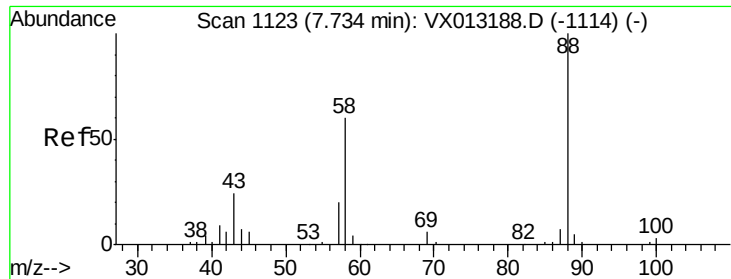


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

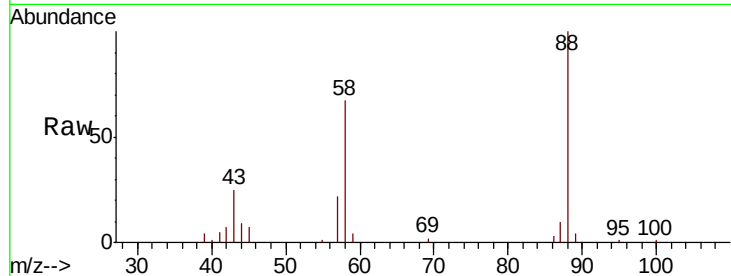




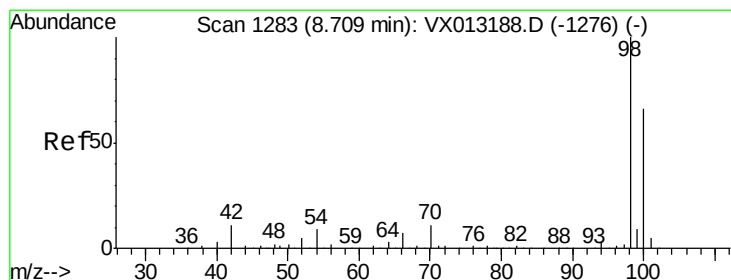
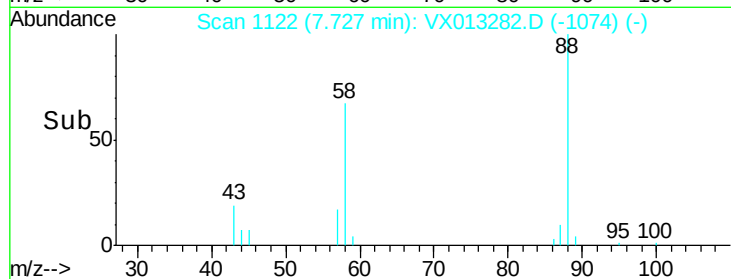
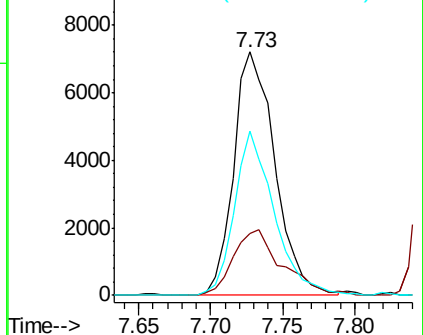
#49
1,4-Dioxane
Concen: 367.335 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 14375
Ion Ratio Lower Upper
88 100
43 32.0 24.5 36.7
58 65.0 54.1 81.1

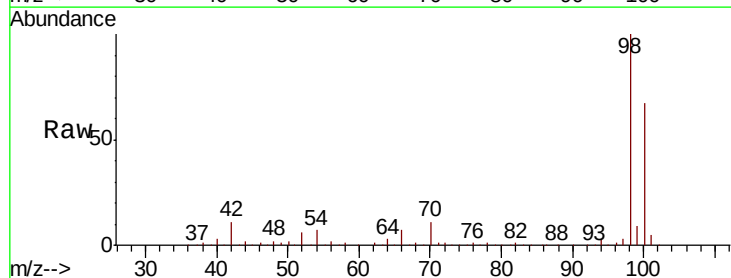


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

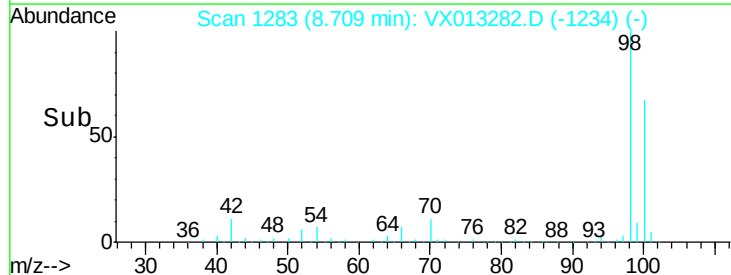
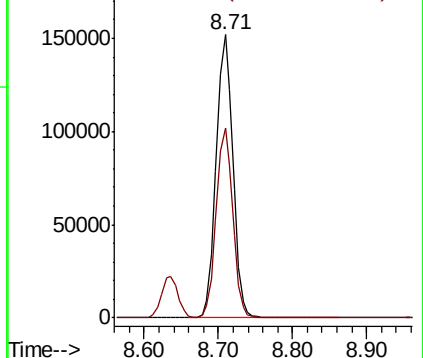


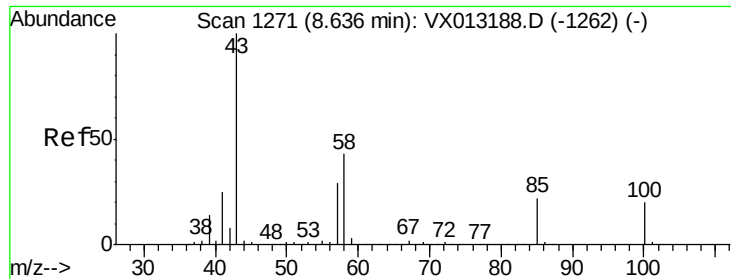
#50
Toluene-d8
Concen: 50.532 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 98 Resp: 234805
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 95.625 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

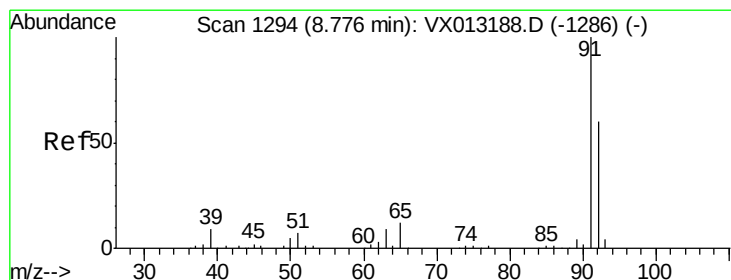
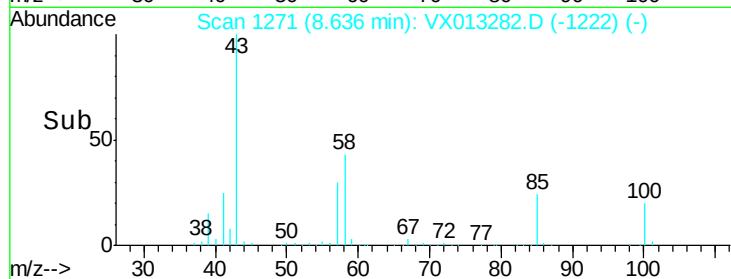
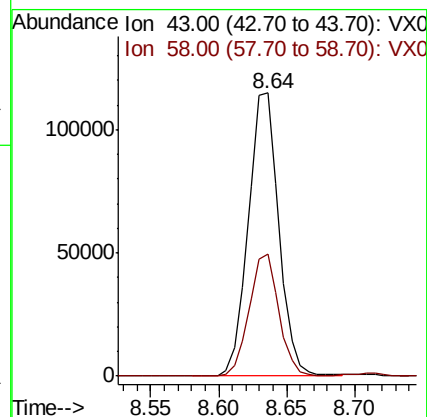
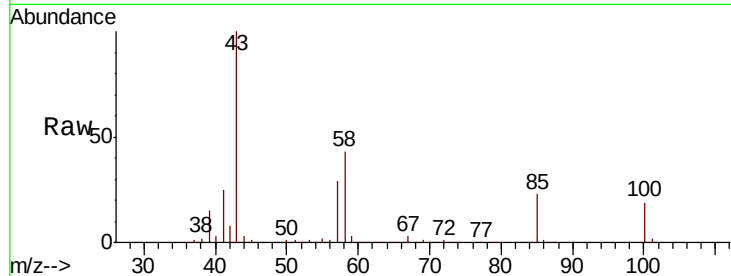
ClientSampled :

Tot Ion: 43 Resp: 181324

Ion Ratio Lower Upper

43 100

58 41.8 33.9 50.9



#52

Toluene

Concen: 19.907 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013282.D

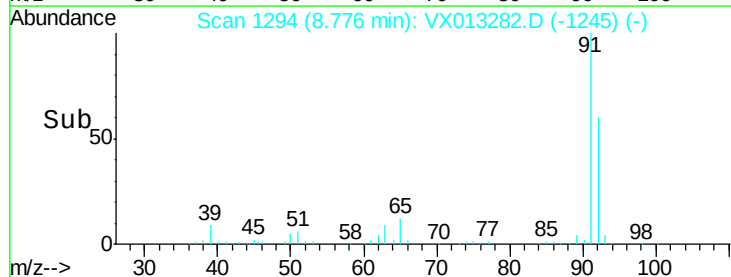
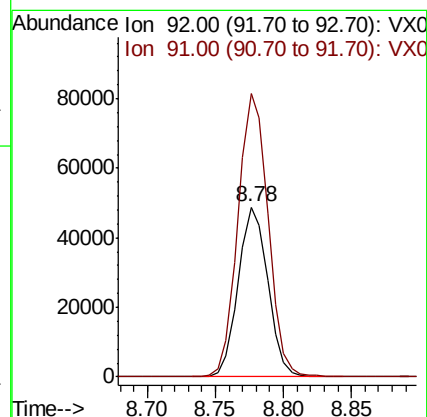
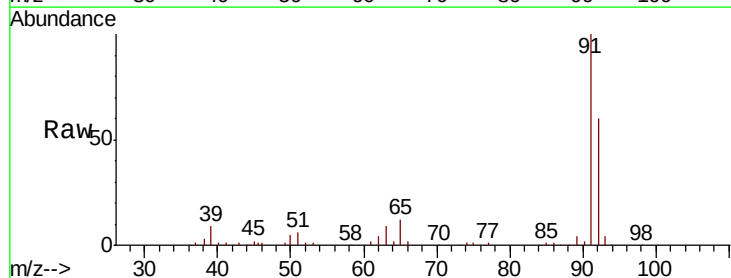
Acq: 30 Oct 2019 13:14

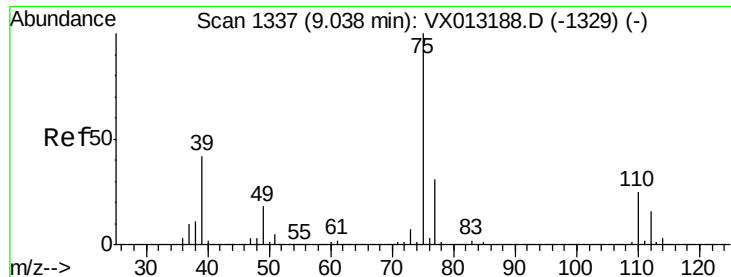
Tgt Ion: 92 Resp: 74509

Ion Ratio Lower Upper

92 100

91 169.2 133.9 200.9

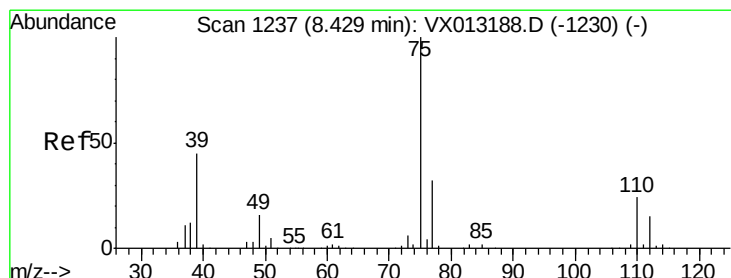
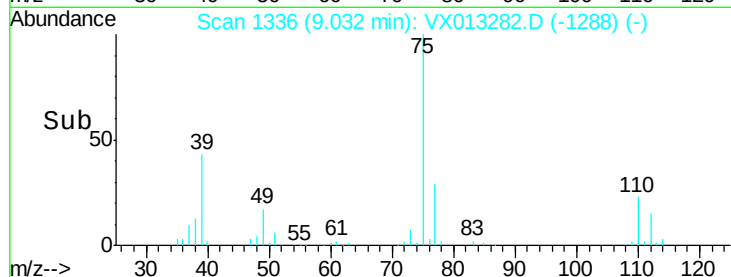
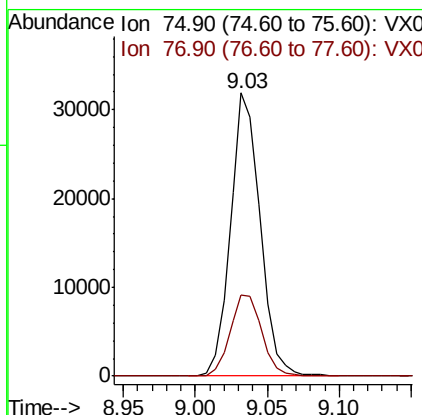
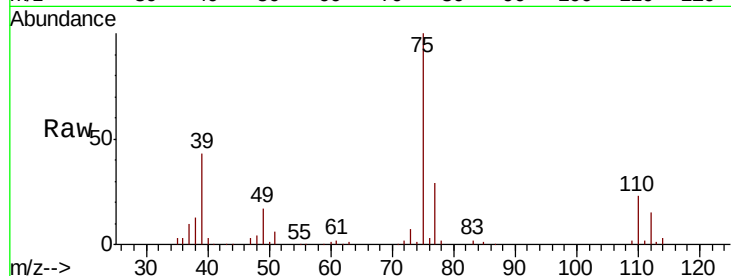




#53
t-1,3-Dichloropropene
Concen: 21.783 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

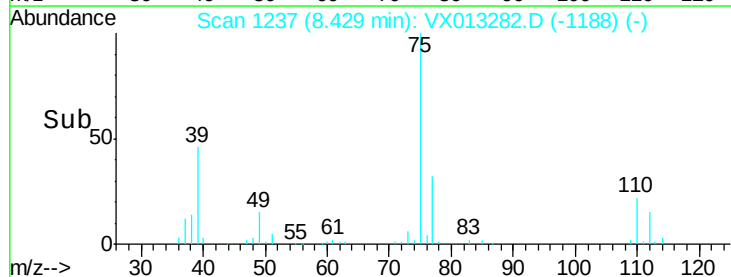
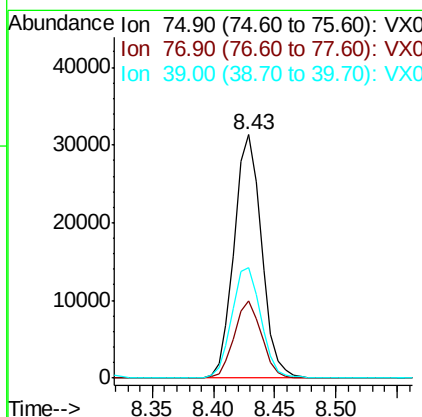
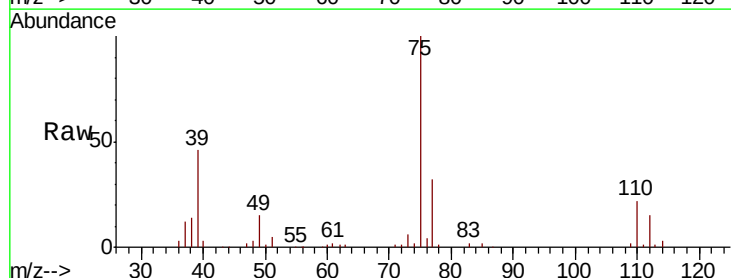
Instrument :
MSVOA_X
ClientSampleId :

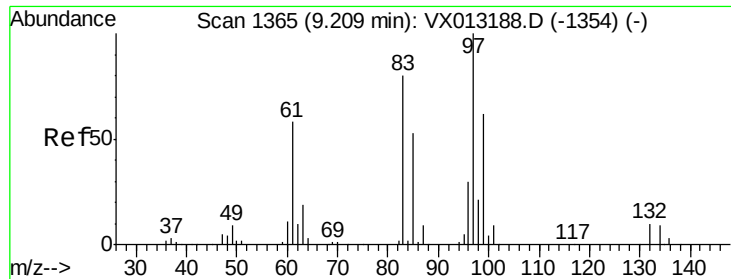
Tot Ion: 75 Resp: 45973
Ion Ratio Lower Upper
75 100
77 28.8 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 21.069 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 75 Resp: 48645
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 45.5 36.2 54.4

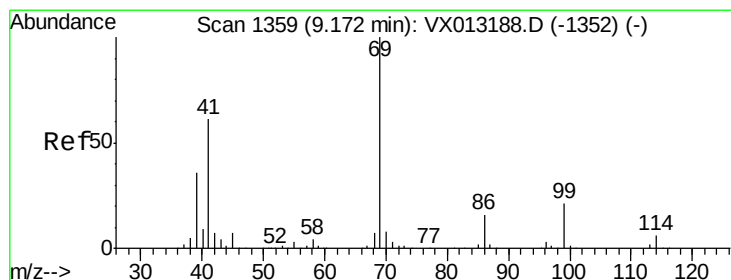
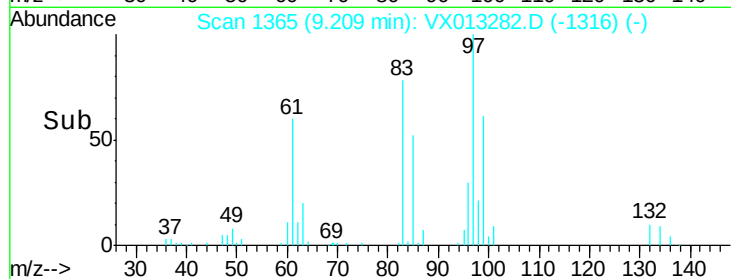
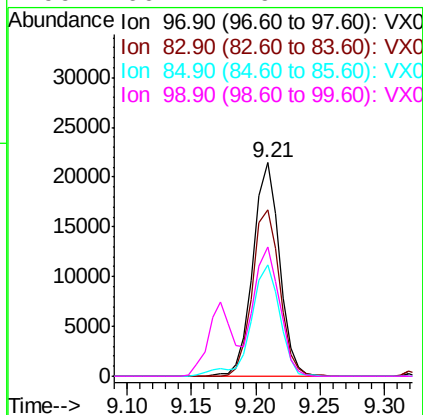
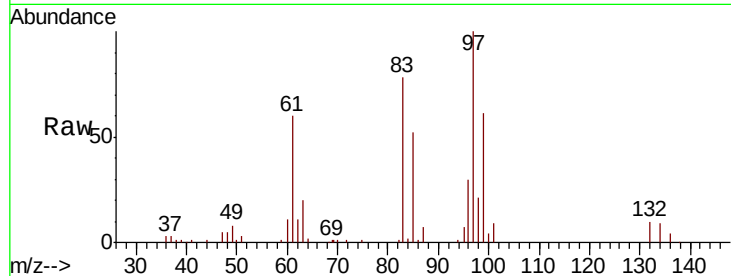




#55
 1,1,2-Trichloroethane
 Concen: 20.613 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

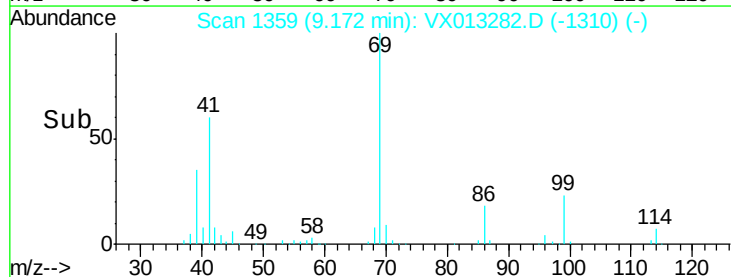
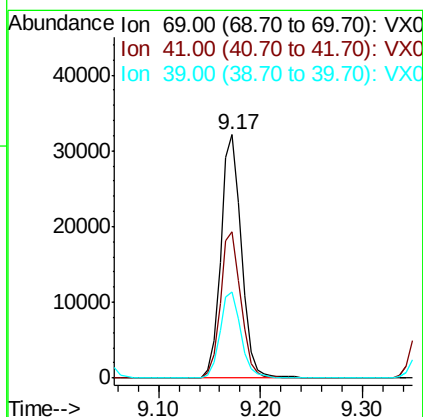
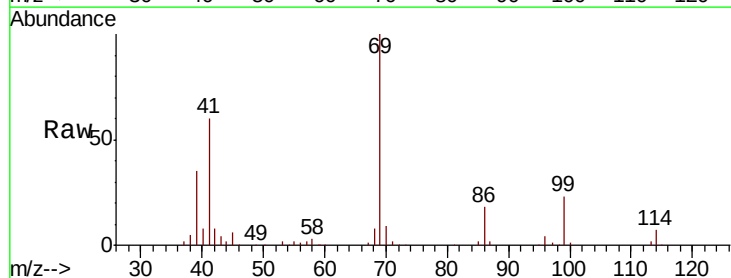
Instrument :
 MSVOA_X
 ClientSampleId :

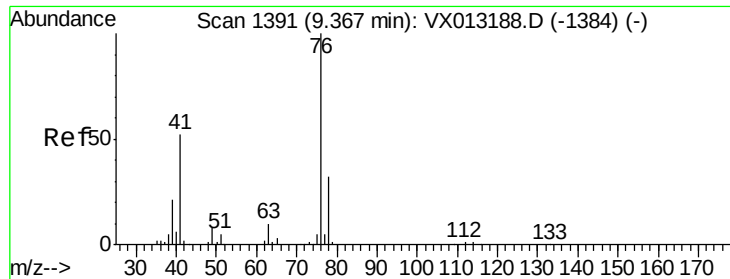
Tot Ion:	97	Resp:	30502
Ion	Ratio	Lower	Upper
97	100		
83	78.0	64.1	96.1
85	52.2	42.1	63.1
99	60.7	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 20.273 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Tgt Ion:	69	Resp:	45151
Ion	Ratio	Lower	Upper
69	100		
41	60.1	49.5	74.3
39	36.4	28.3	42.5

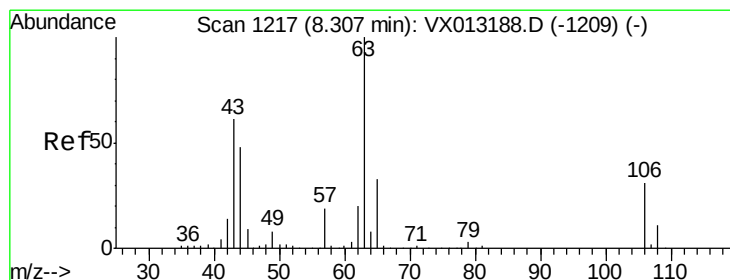
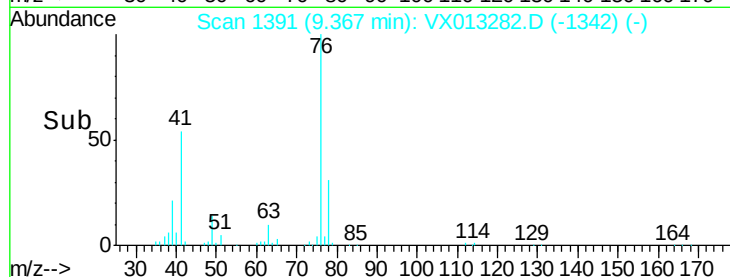
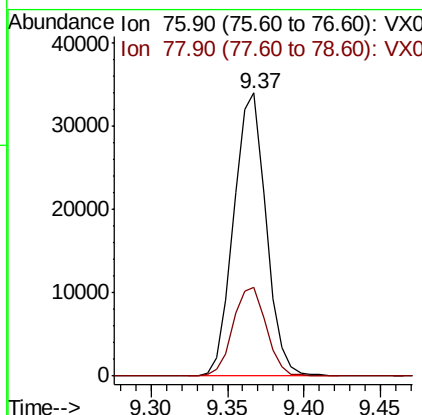
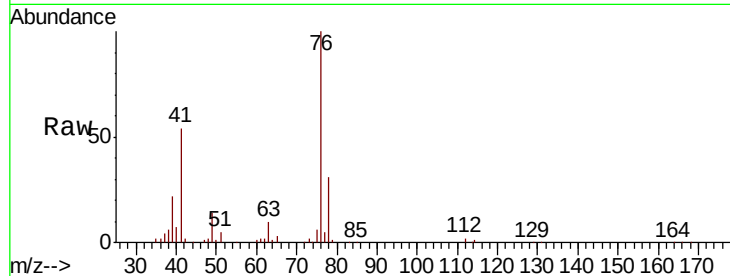




#57
 1,3-Dichloropropane
 Concen: 19.962 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

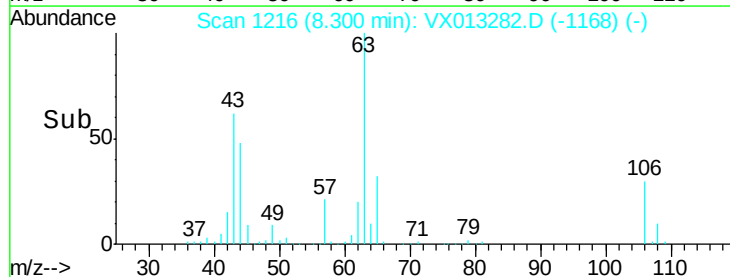
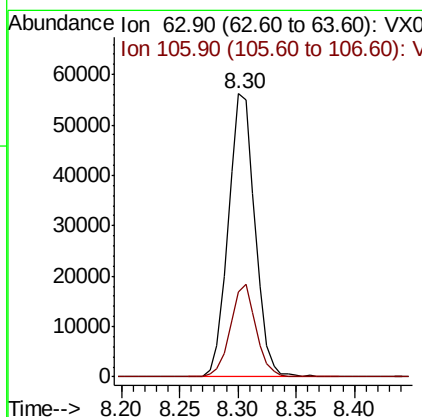
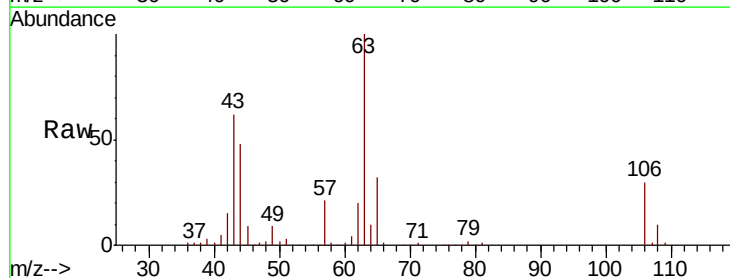
Instrument :
 MSVOA_X
 ClientSampleId :

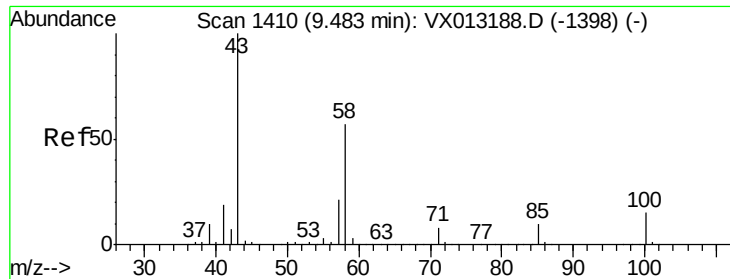
Tot Ion: 76 Resp: 49841
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.924 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Tgt Ion: 63 Resp: 89443
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.4 38.0

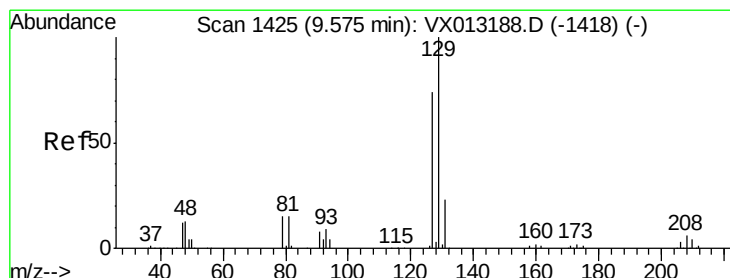
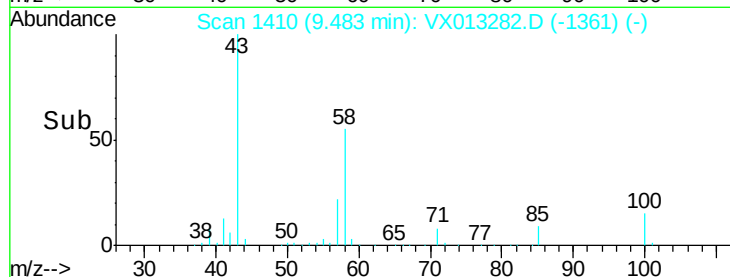
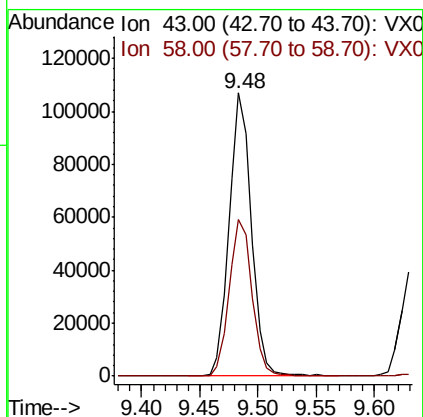
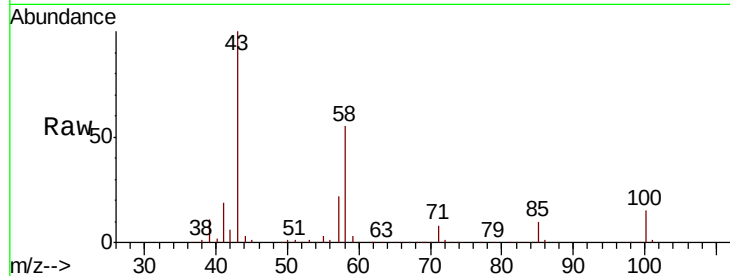




#59
2-Hexanone
Concen: 97.665 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

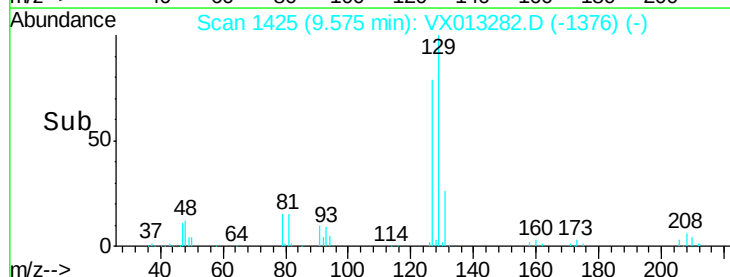
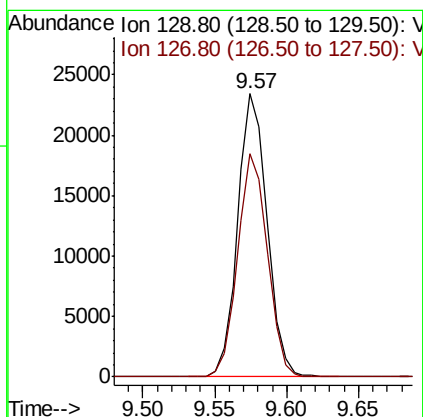
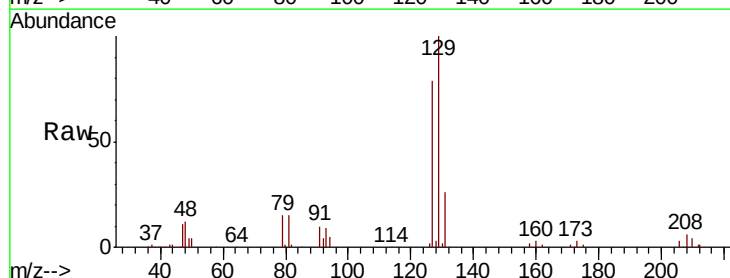
Instrument :
MSVOA_X
ClientSampleId :

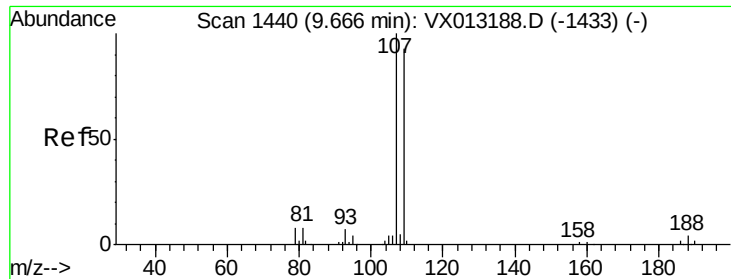
Tot Ion: 43 Resp: 142652
Ion Ratio Lower Upper
43 100
58 56.8 28.2 84.7



#60
Dibromochloromethane
Concen: 21.427 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 129 Resp: 33223
Ion Ratio Lower Upper
129 100
127 79.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.578 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

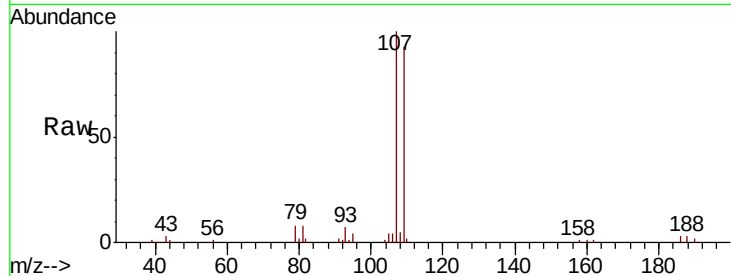
ClientSampled :

Tot Ion:107 Resp: 32327

Ion Ratio Lower Upper

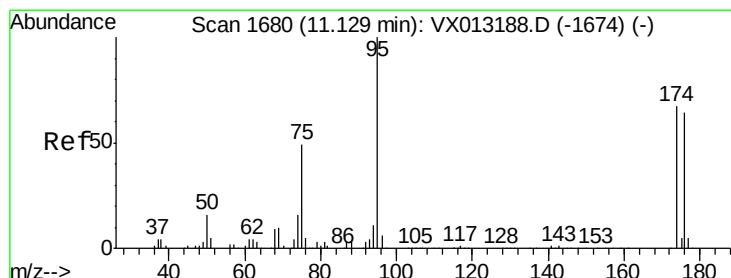
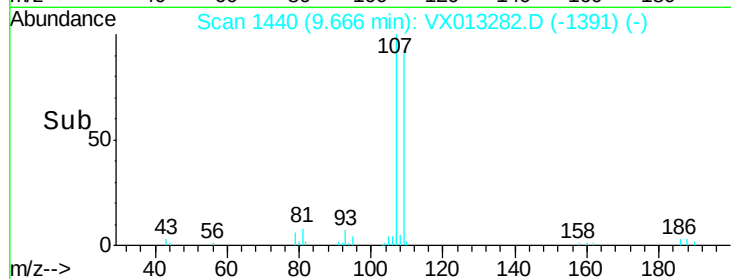
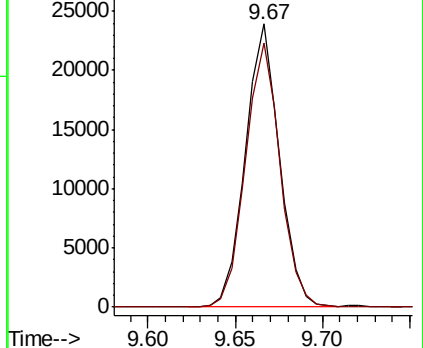
107 100

109 94.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.947 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

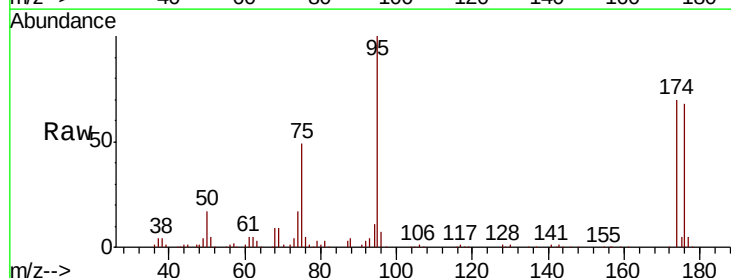
Tgt Ion: 95 Resp: 95538

Ion Ratio Lower Upper

95 100

174 74.8 0.0 152.4

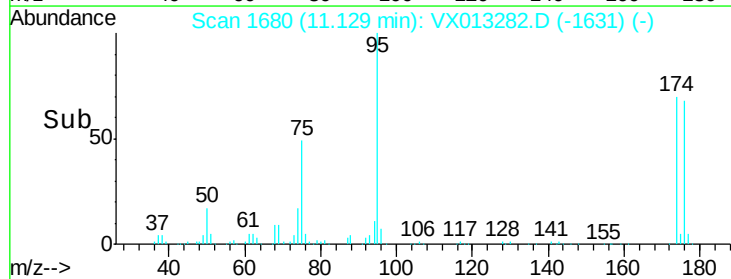
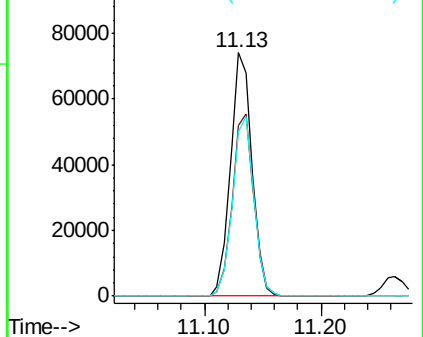
176 73.5 0.0 146.0

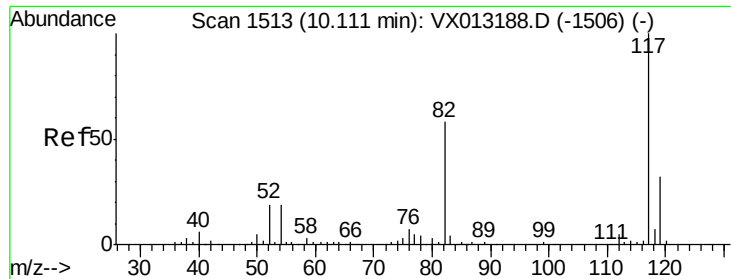


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

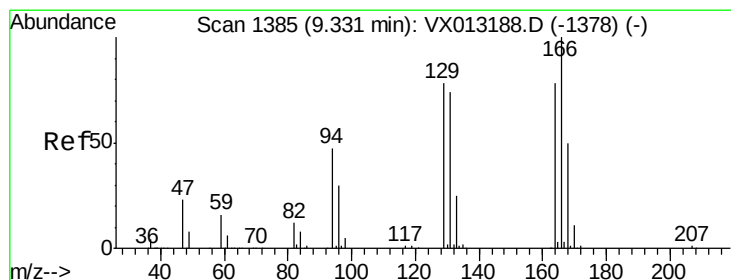
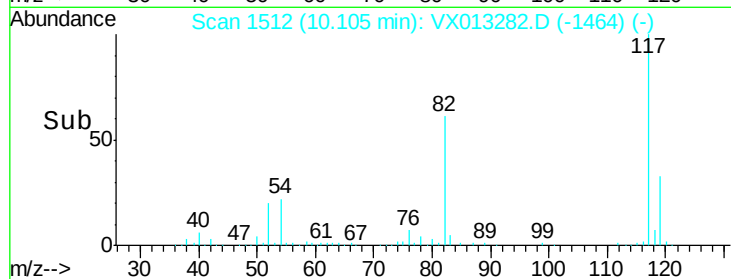
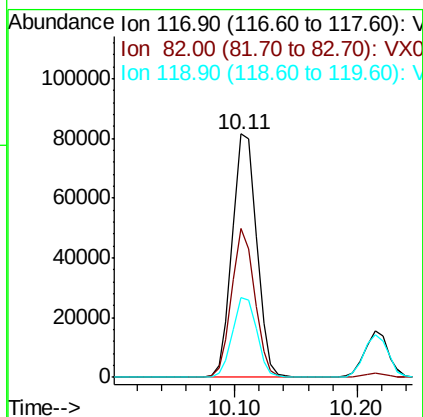
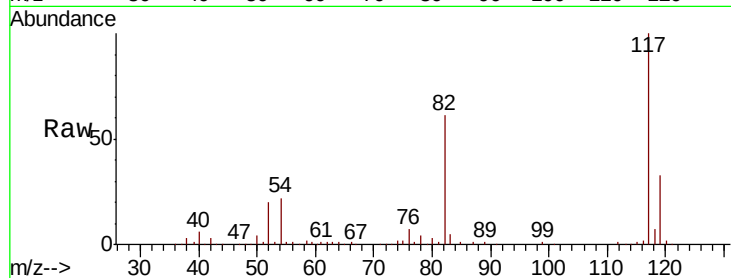




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

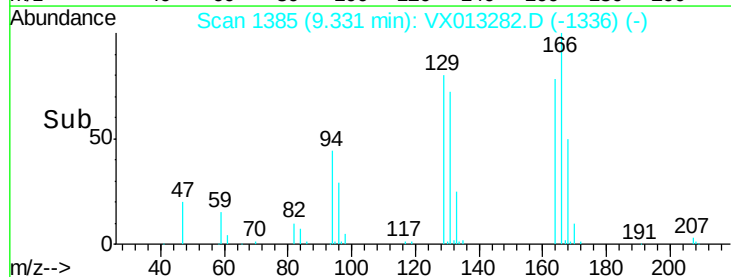
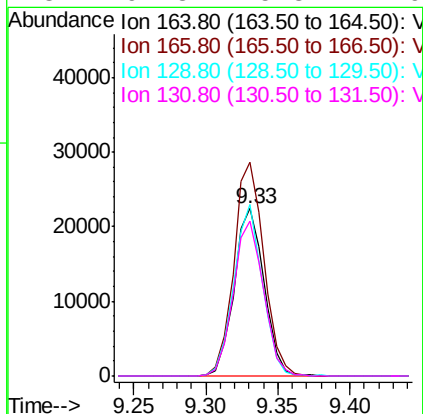
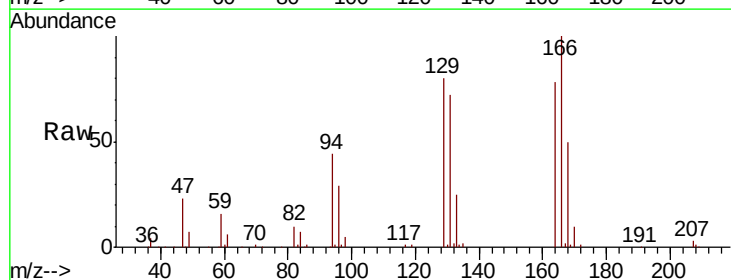
Instrument :
MSVOA_X
ClientSampleId :

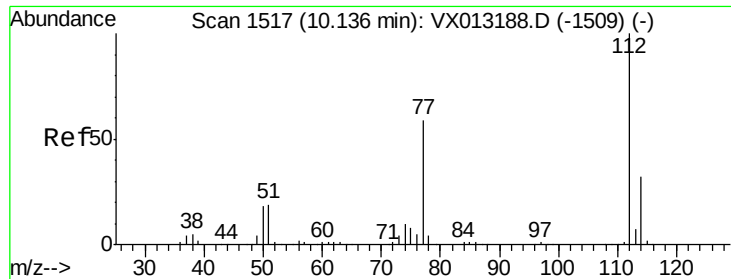
Tot Ion:117 Resp: 112460
Ion Ratio Lower Upper
117 100
82 61.0 46.5 69.7
119 32.7 25.2 37.8



#64
Tetrachloroethene
Concen: 22.347 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion:164 Resp: 32488
Ion Ratio Lower Upper
164 100
166 127.5 102.2 153.4
129 102.0 79.8 119.8
131 92.3 75.3 112.9

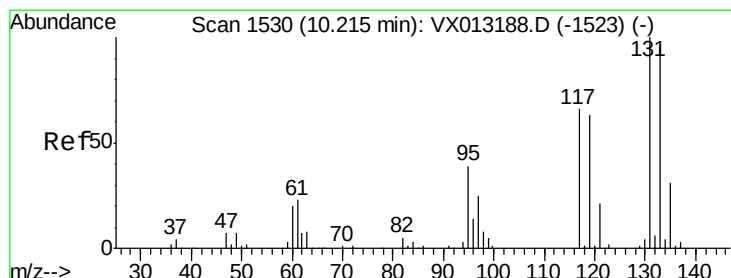
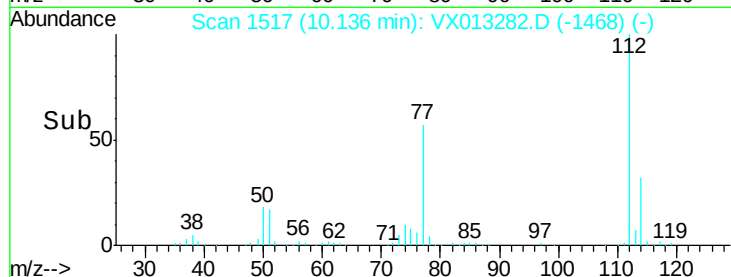
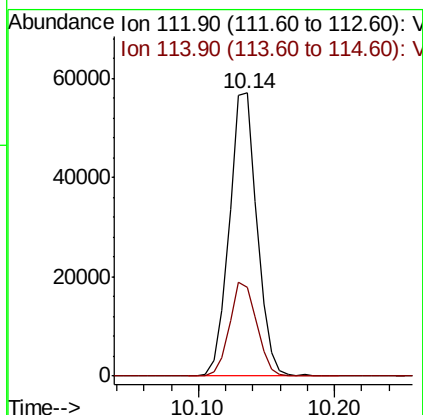
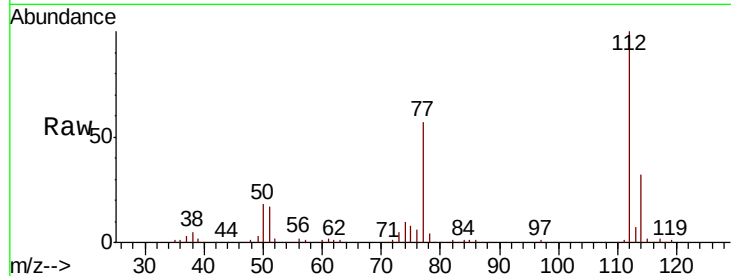




#65
Chlorobenzene
Concen: 20.518 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

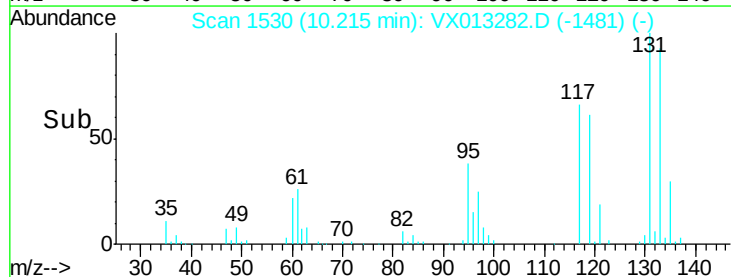
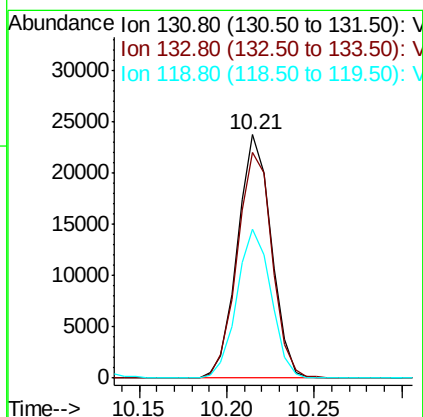
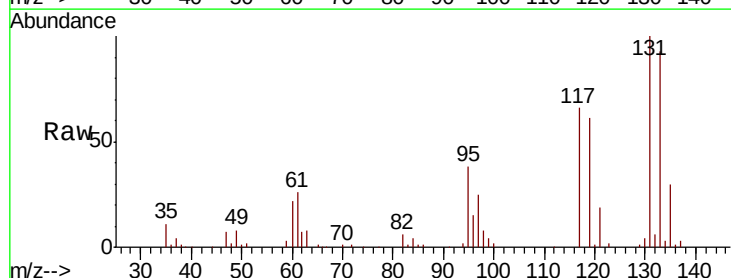
Instrument :
MSVOA_X
ClientSampleId :

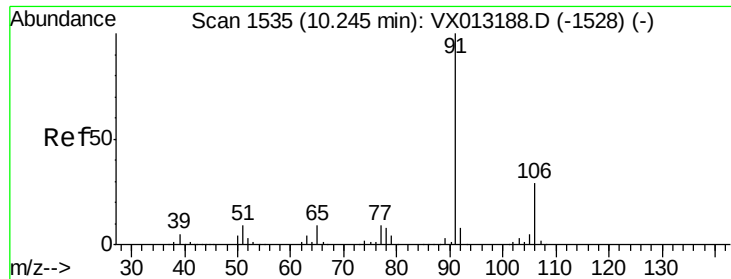
Tot Ion:112 Resp: 80775
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.954 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion:131 Resp: 31928
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.2
119 61.7 32.4 97.0

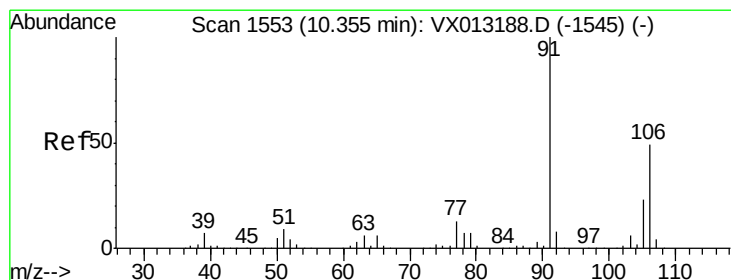
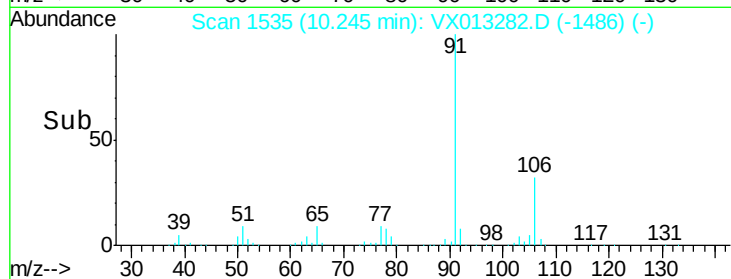
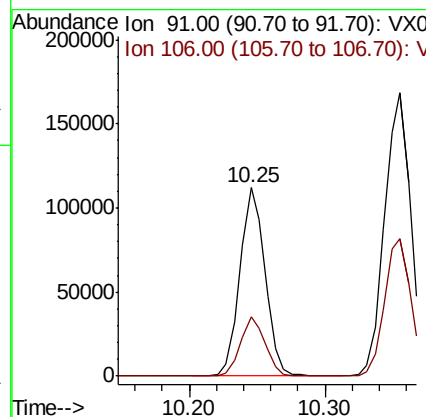
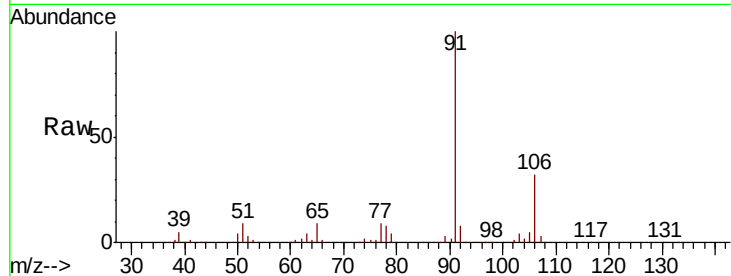




#67
Ethyl Benzene
Concen: 20.519 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

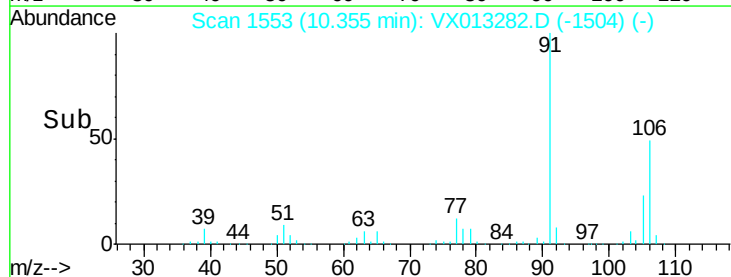
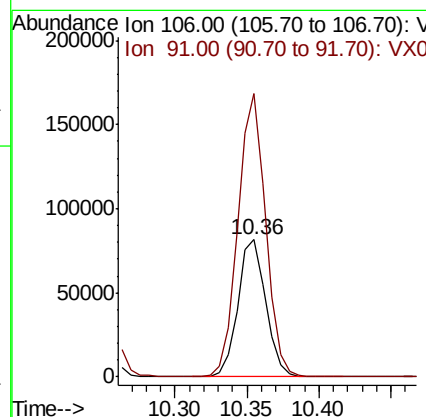
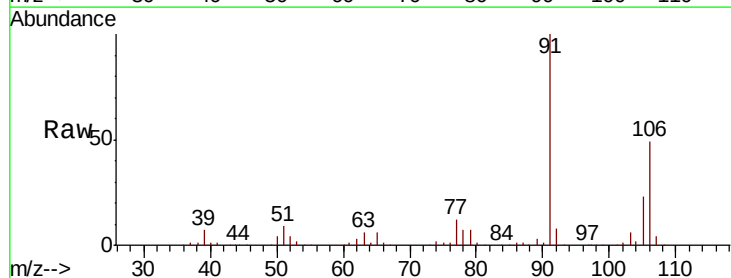
Instrument :
MSVOA_X
ClientSampleId :

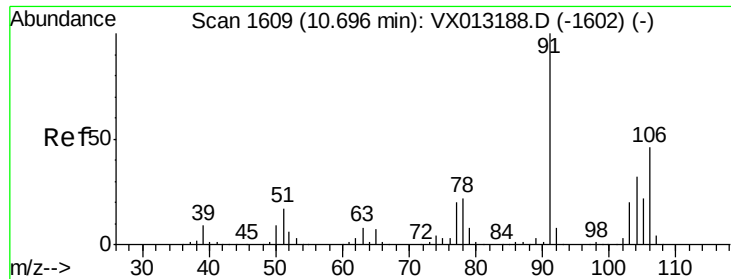
Tot Ion: 91 Resp: 144610
Ion Ratio Lower Upper
91 100
106 31.6 23.5 35.3



#68
m/p-Xylenes
Concen: 41.539 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 106 Resp: 110636
Ion Ratio Lower Upper
106 100
91 204.4 166.8 250.2

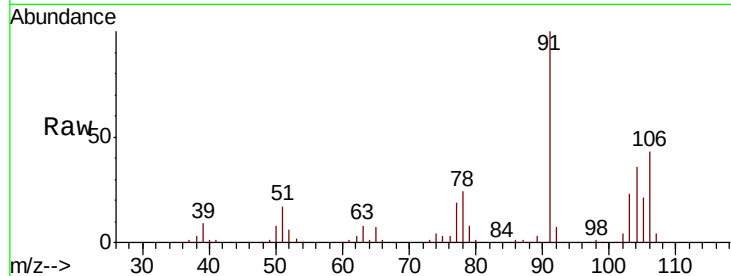




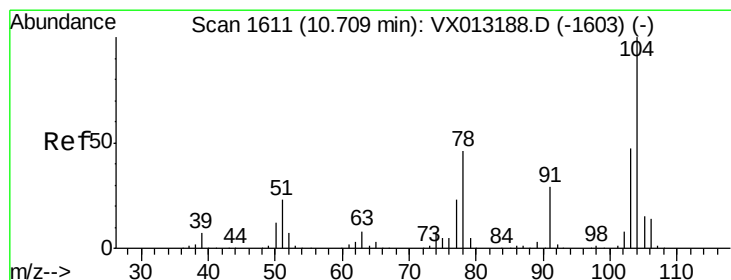
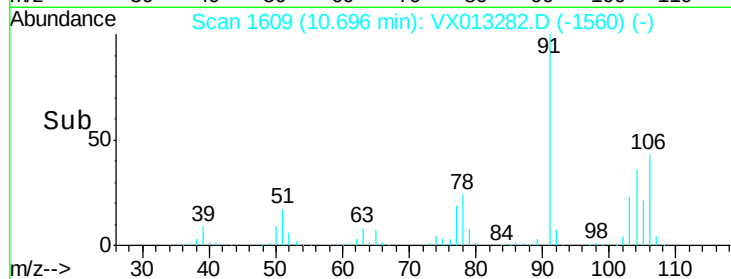
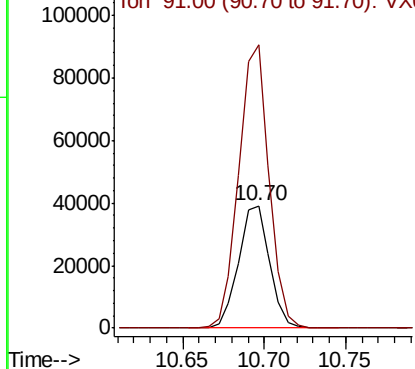
#69
o-Xylene
Concen: 20.348 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 51988
Ion Ratio Lower Upper
106 100
91 225.5 110.7 331.9

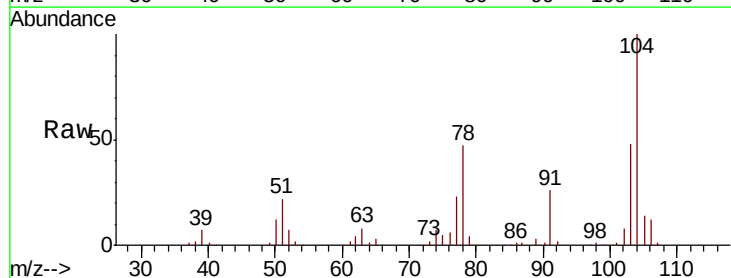


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

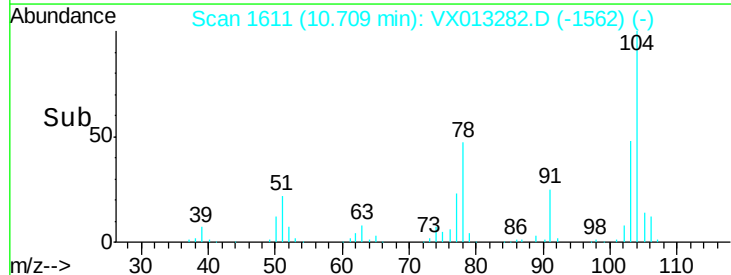
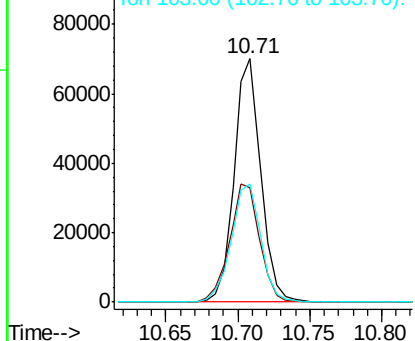


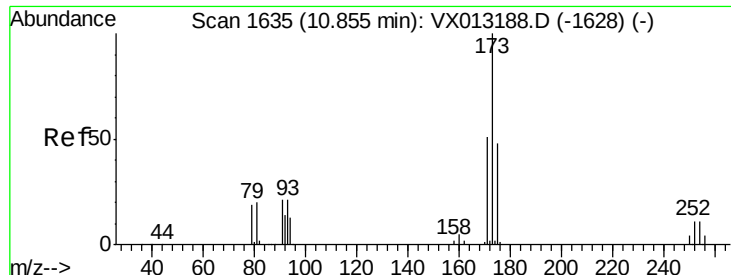
#70
Styrene
Concen: 20.558 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion:104 Resp: 90444
Ion Ratio Lower Upper
104 100
78 54.8 42.2 63.4
103 54.2 42.8 64.2



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





#71

Bromoform

Concen: 22.570 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampled :

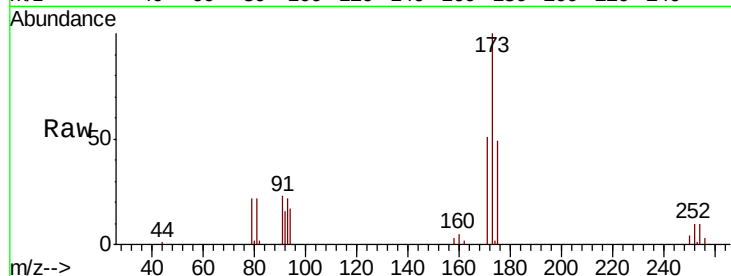
Tot Ion:173 Resp: 23983

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.8

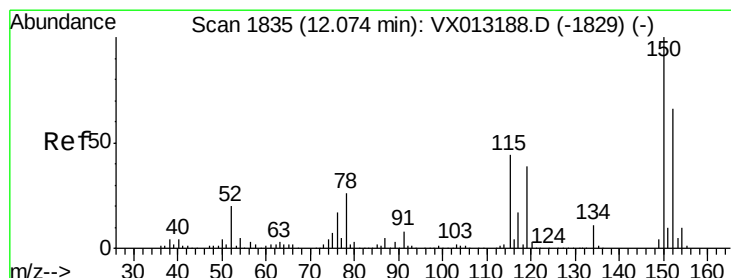
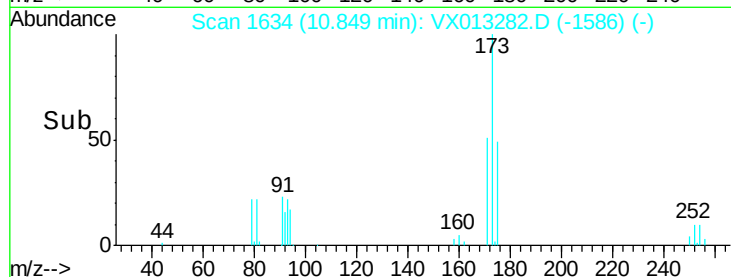
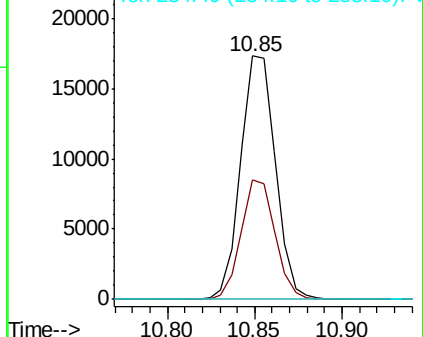
254 0.0 0.1 0.1#



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: VX013282.D

Acq: 30 Oct 2019 13:14

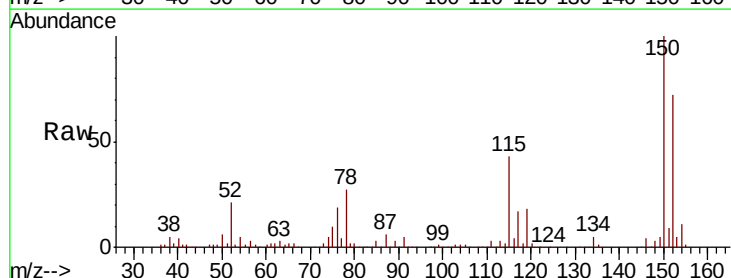
Tgt Ion:152 Resp: 80286

Ion Ratio Lower Upper

152 100

115 71.6 46.6 139.8

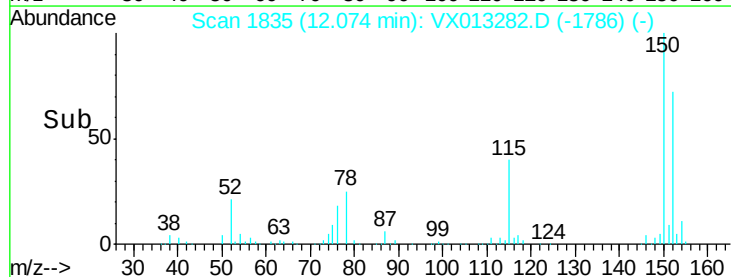
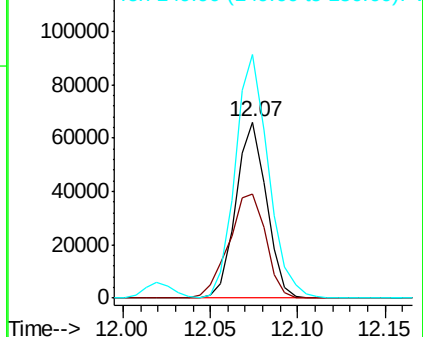
150 150.5 0.0 354.0

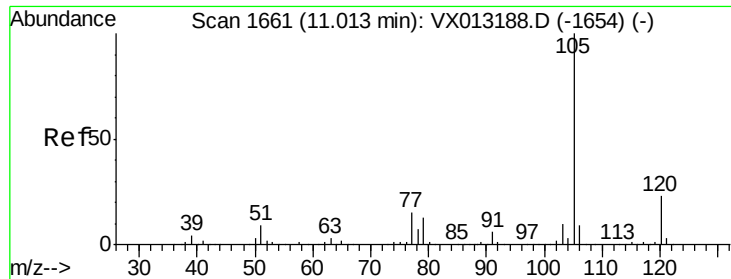


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.435 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

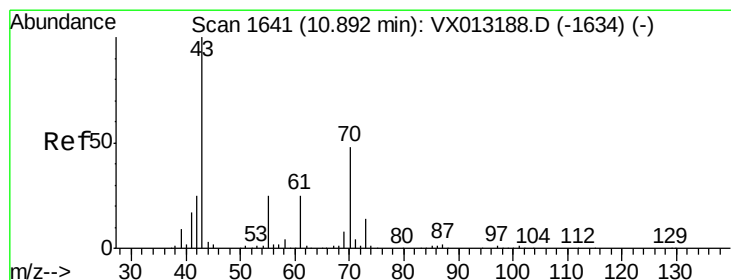
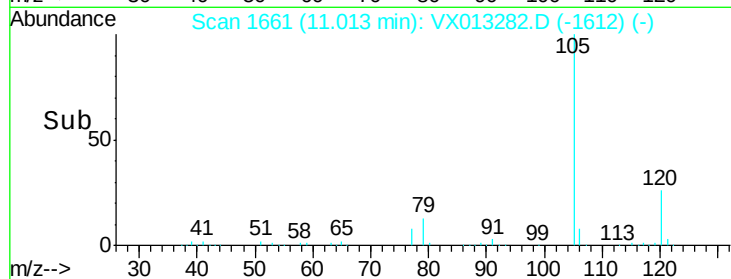
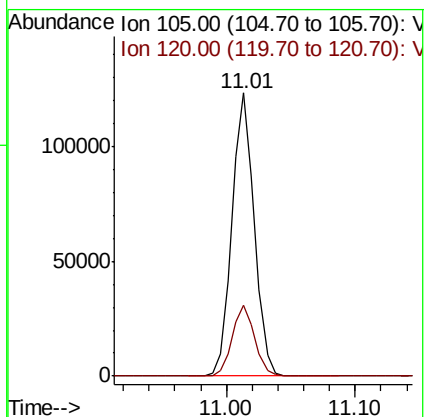
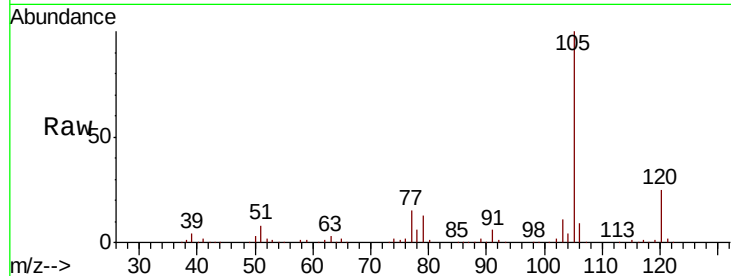
ClientSampled :

Tot Ion:105 Resp: 148986

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 18.506 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Tgt Ion: 43 Resp: 49521

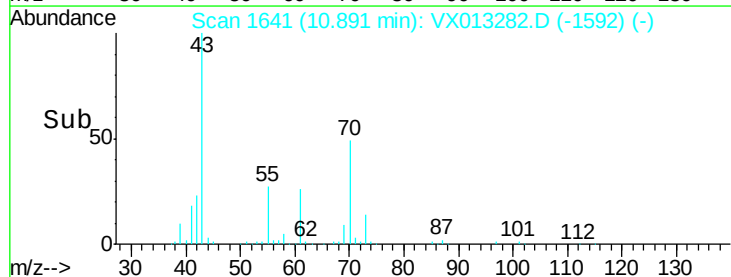
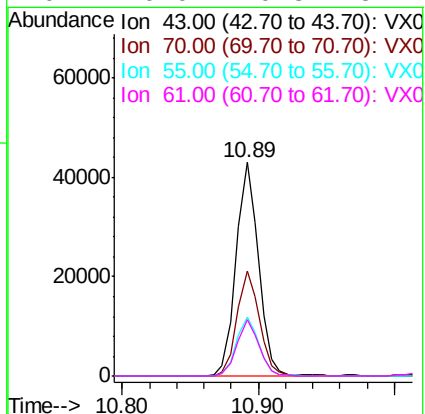
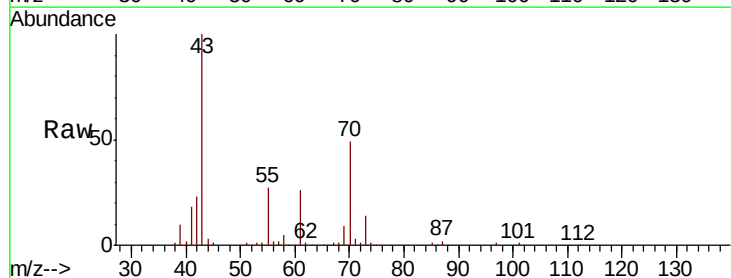
Ion Ratio Lower Upper

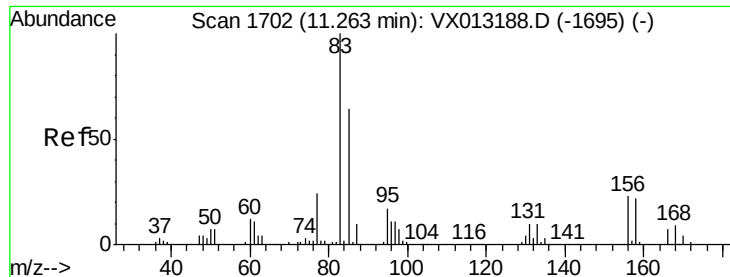
43 100

70 49.6 38.5 57.7

55 27.8 20.7 31.1

61 26.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.555 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

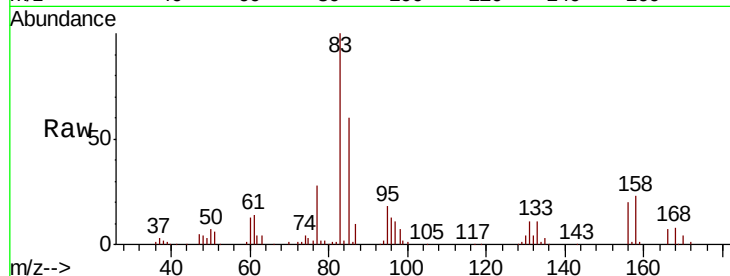
Tot Ion: 83 Resp: 43289

Ion Ratio Lower Upper

83 100

131 11.6 5.3 16.1

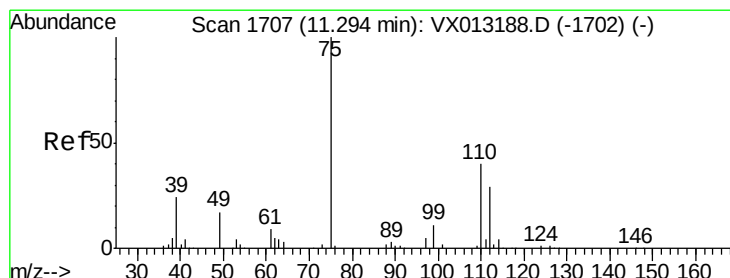
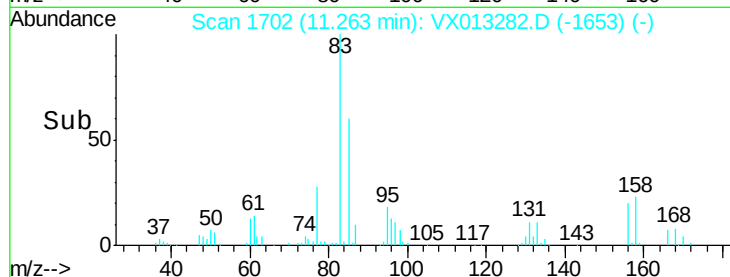
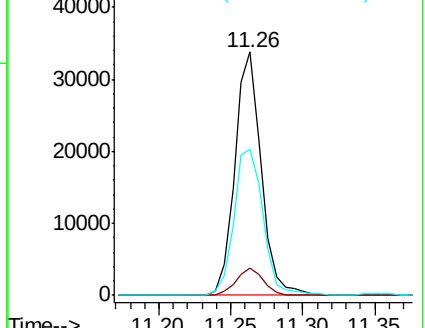
85 66.1 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.627 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013282.D

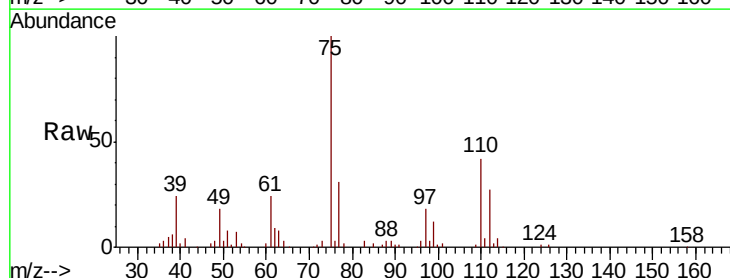
Acq: 30 Oct 2019 13:14

Tgt Ion: 75 Resp: 51525

Ion Ratio Lower Upper

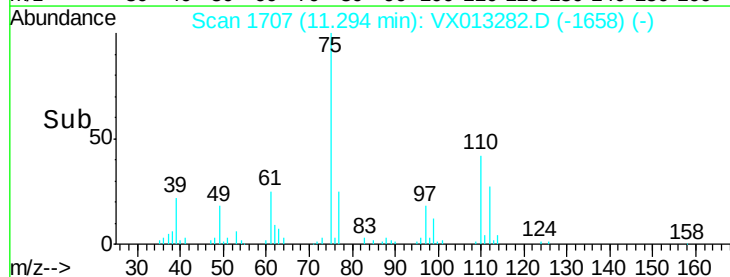
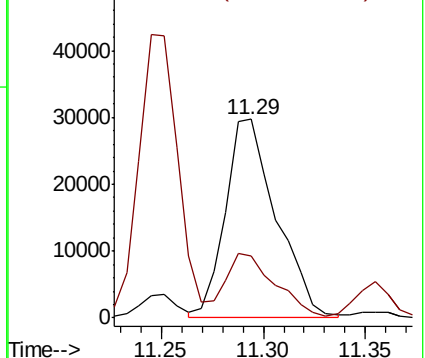
75 100

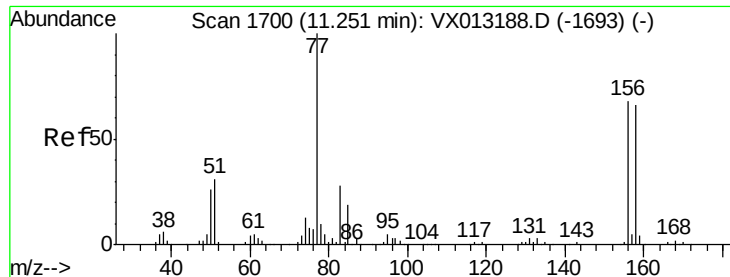
77 30.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.060 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

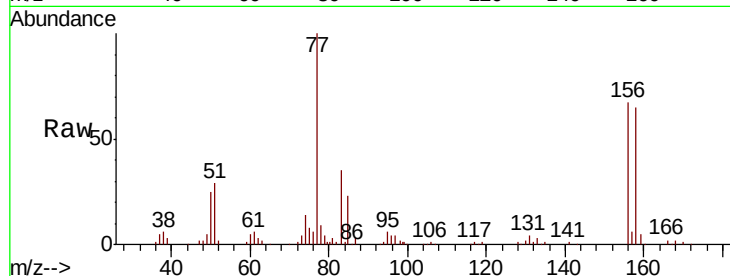
Tot Ion:156 Resp: 35053

Ion Ratio Lower Upper

156 100

77 160.6 81.7 245.1

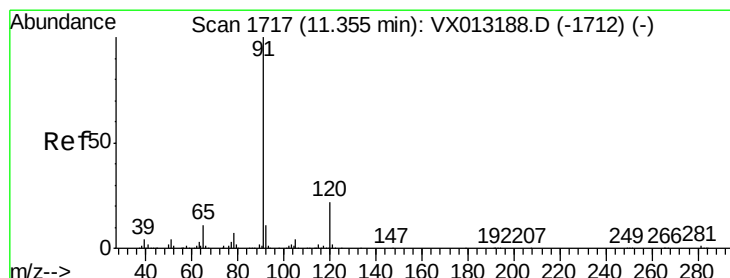
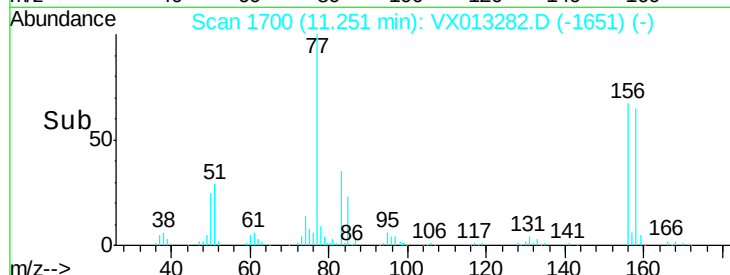
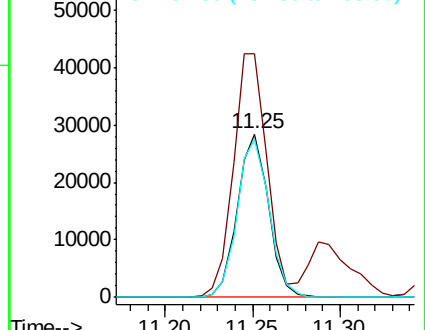
158 100.0 49.6 148.8



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: 19.415 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013282.D

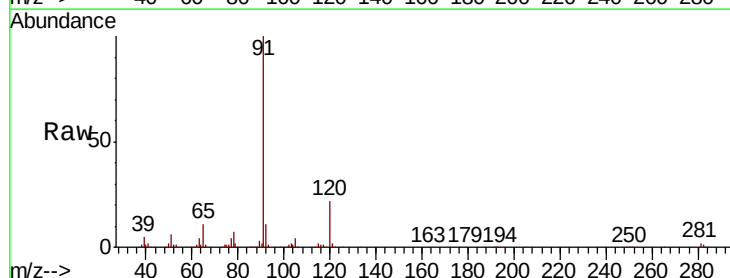
Acq: 30 Oct 2019 13:14

Tgt Ion: 91 Resp: 153754

Ion Ratio Lower Upper

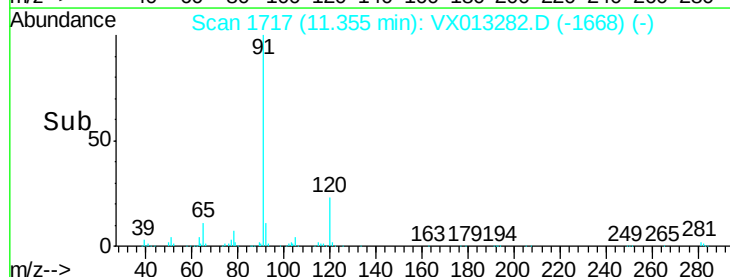
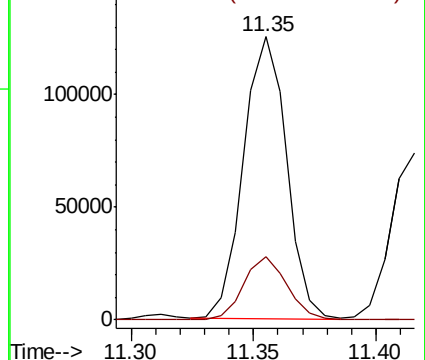
91 100

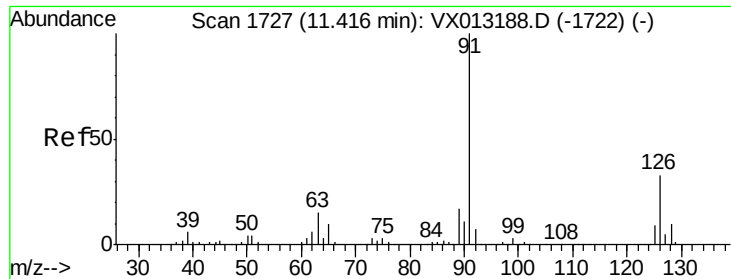
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

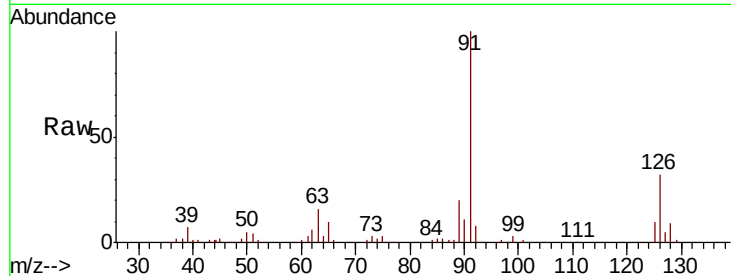




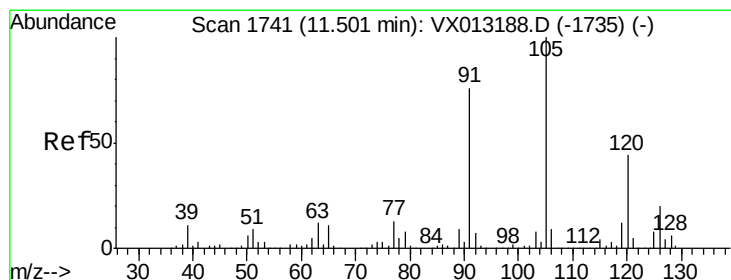
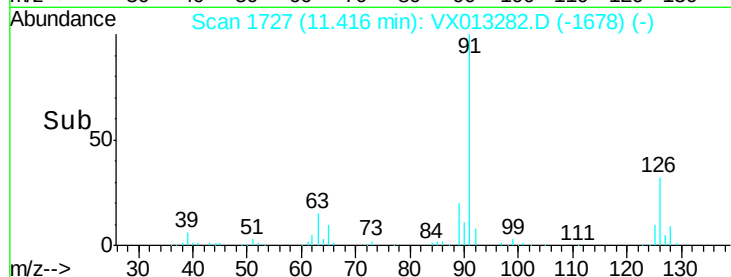
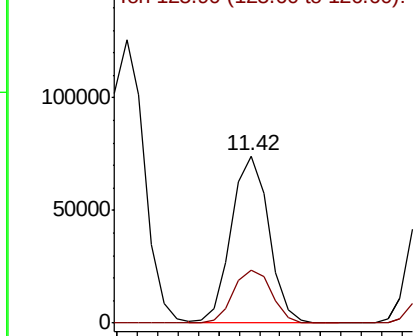
#79
 2-Chlorotoluene
 Concen: 18.809 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 94117
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.3 48.8

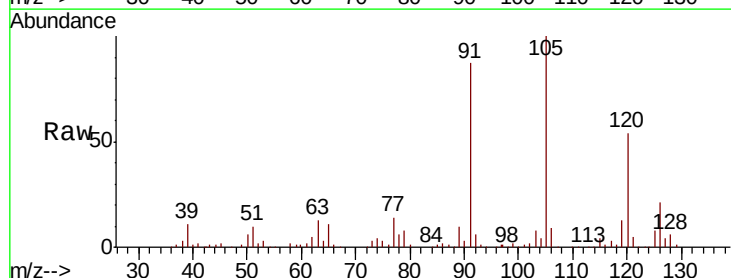


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

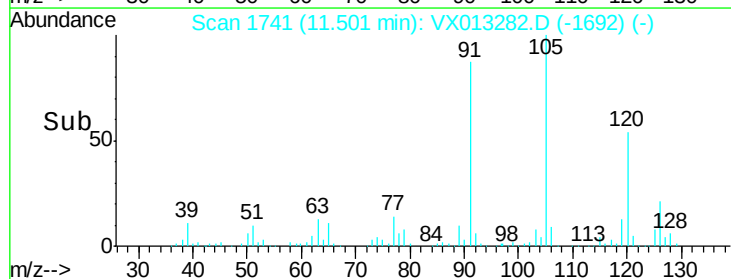
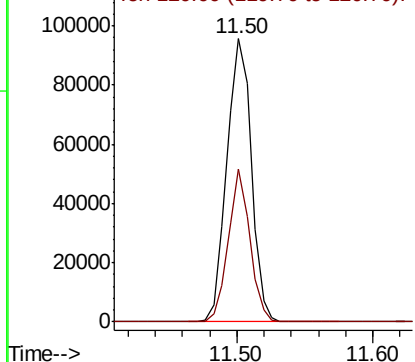


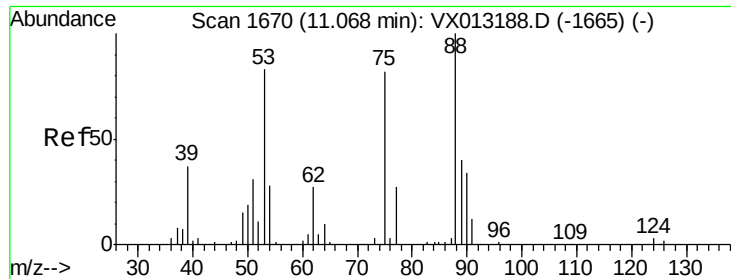
#80
 1,3,5-Trimethylbenzene
 Concen: 19.743 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Tgt Ion:105 Resp: 119639
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

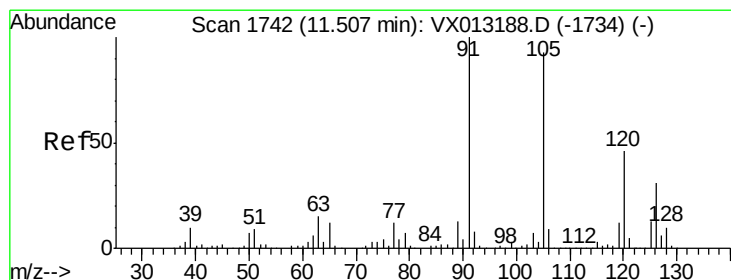
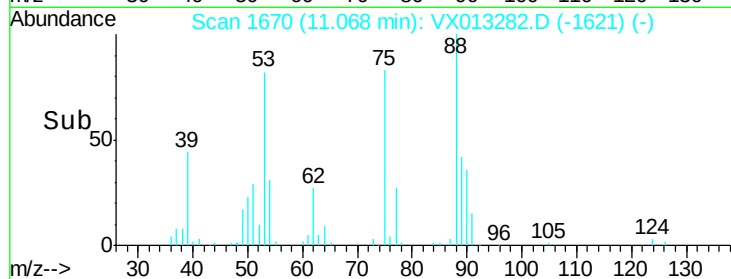
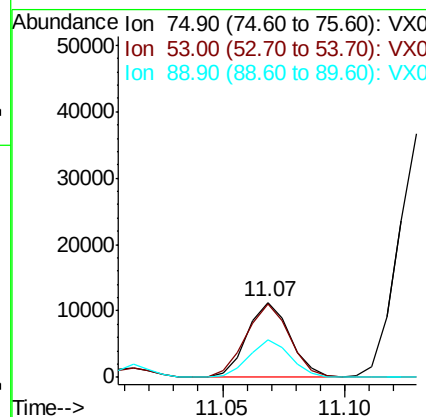
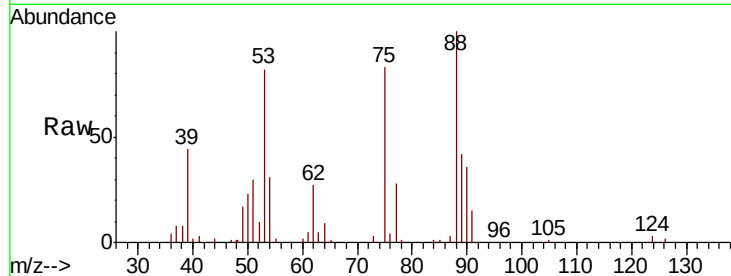




#81
trans-1,4-Dichloro-2-butene
Concen: 19.789 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

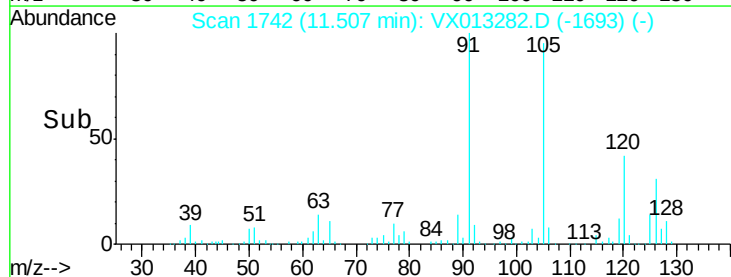
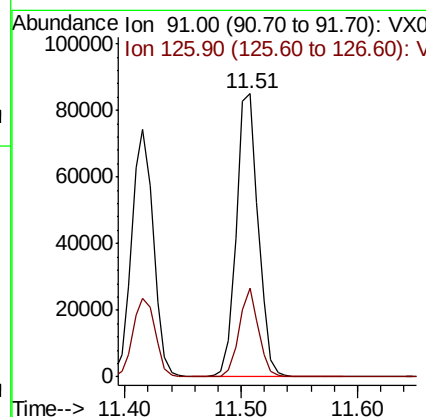
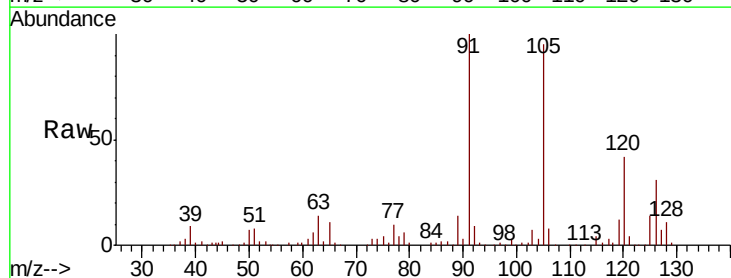
Instrument :
MSVOA_X
ClientSampled :

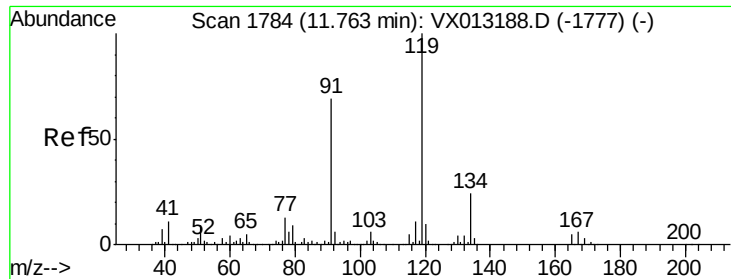
Tot Ion: 75 Resp: 13935
Ion Ratio Lower Upper
75 100
53 99.6 77.9 116.9
89 48.5 37.3 55.9



#82
4-Chlorotoluene
Concen: 19.763 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion: 91 Resp: 112050
Ion Ratio Lower Upper
91 100
126 27.5 14.6 44.0

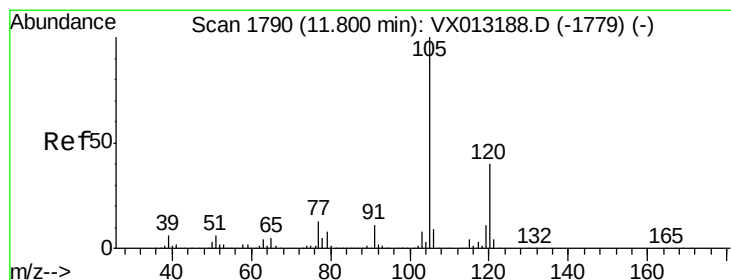
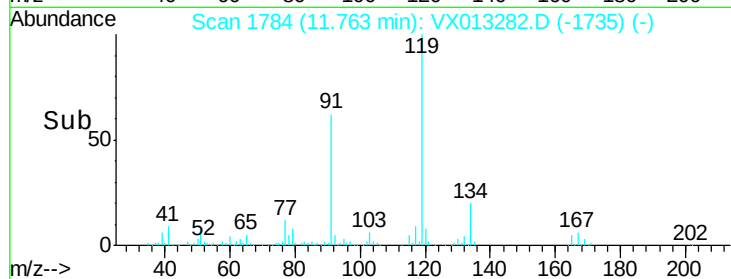
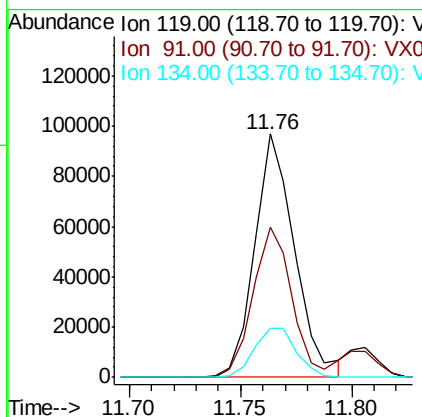
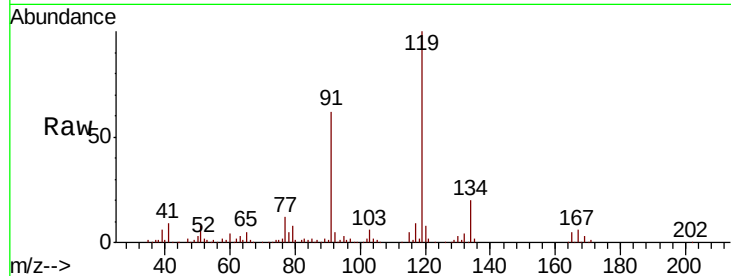




#83
 tert-Butylbenzene
 Concen: 20.161 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

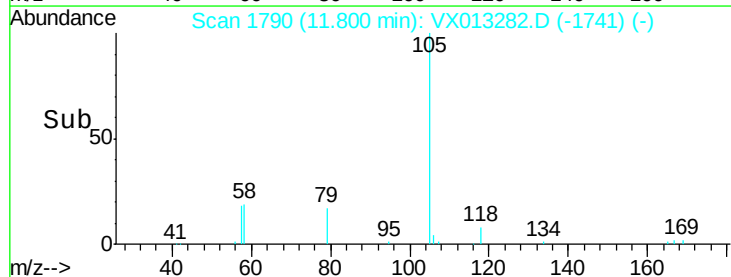
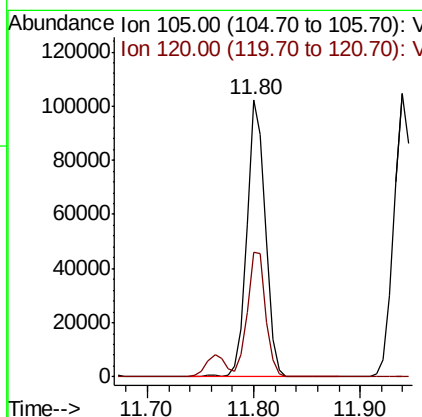
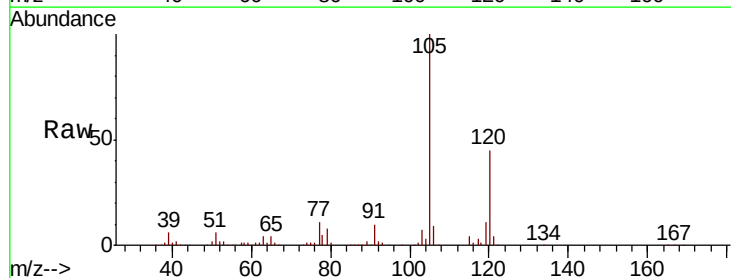
Instrument :
 MSVOA_X
 ClientSampleId :

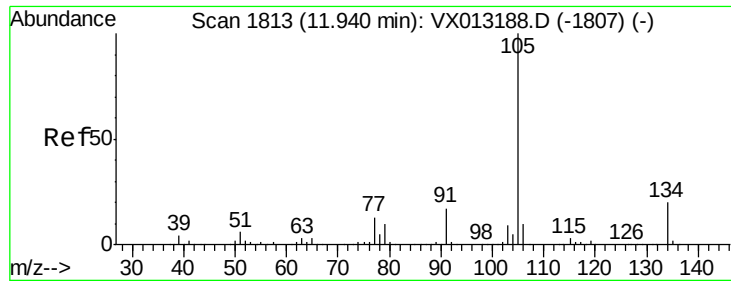
Tot Ion:119 Resp: 120879
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.8 92.4
 134 21.5 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.284 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Tgt Ion:105 Resp: 123983
 Ion Ratio Lower Upper
 105 100
 120 44.8 21.4 64.3





#85

sec-Butylbenzene

Concen: 18.950 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

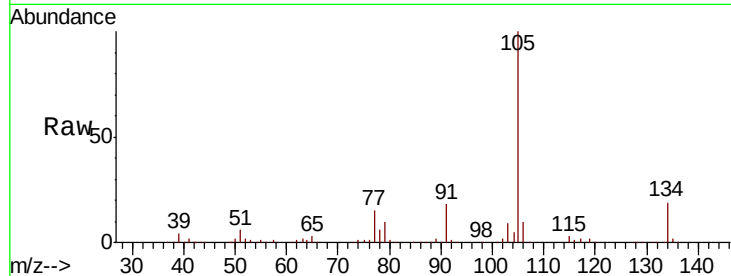
ClientSampled :

Tot Ion:105 Resp: 129296

Ion Ratio Lower Upper

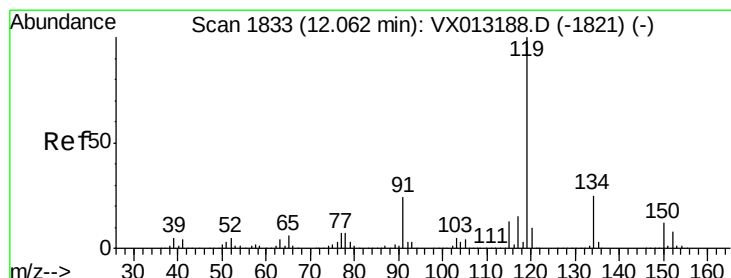
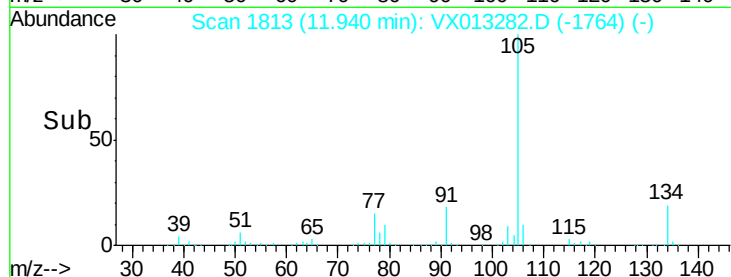
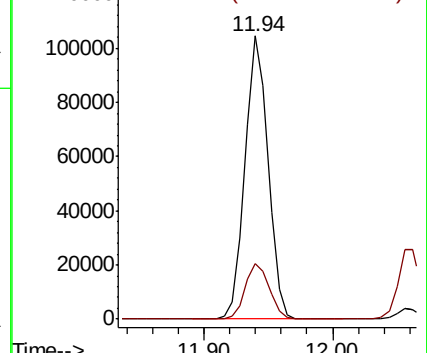
105 100

134 20.3 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.665 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

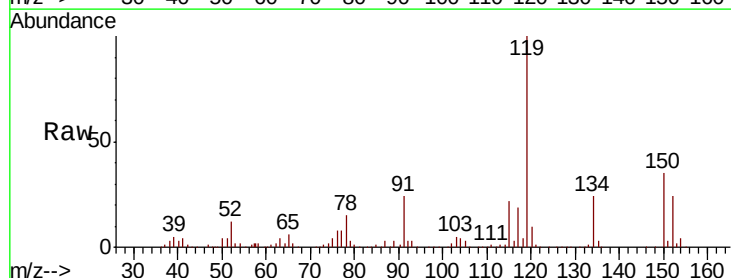
Tgt Ion:119 Resp: 132460

Ion Ratio Lower Upper

119 100

134 23.9 12.5 37.5

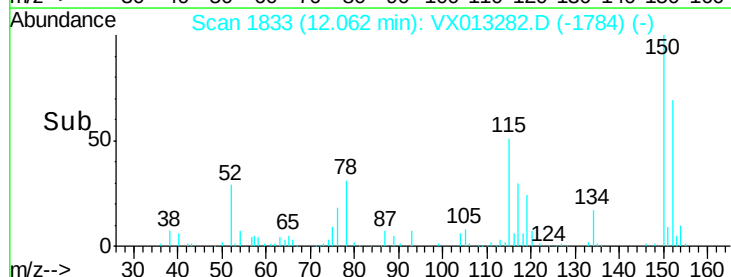
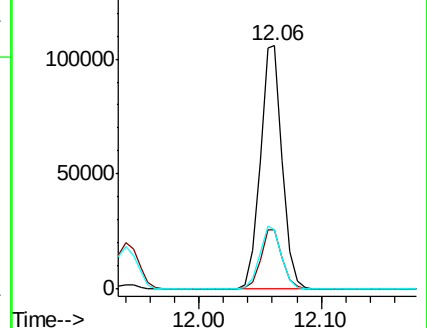
91 25.8 12.4 37.2

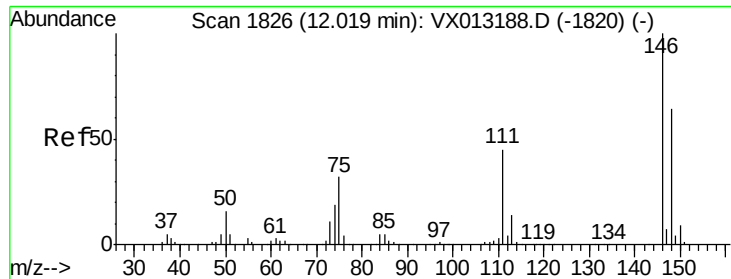


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

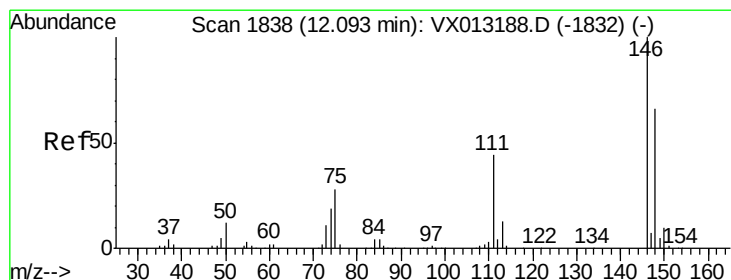
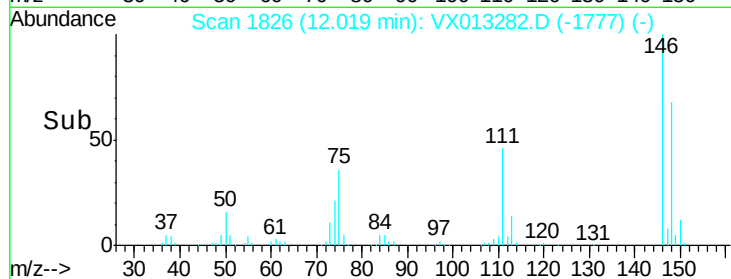
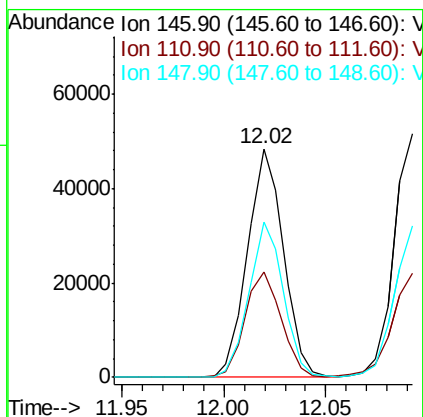
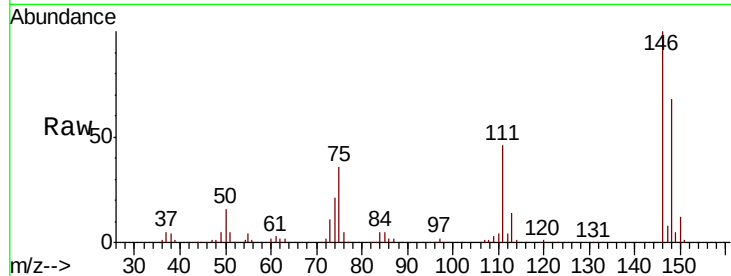




#87
 1,3-Dichlorobenzene
 Concen: 18.862 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

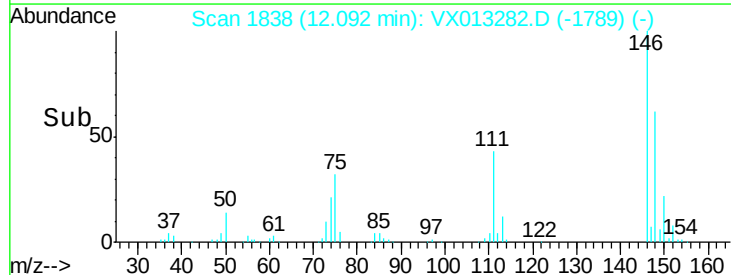
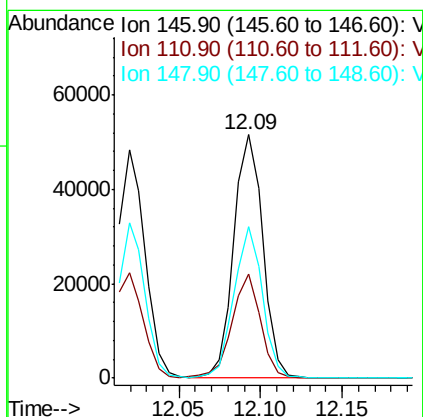
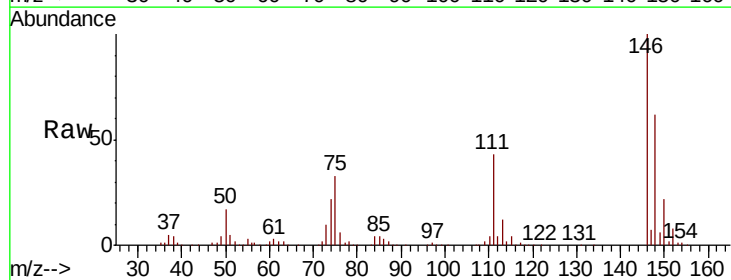
Instrument :
 MSVOA_X
 ClientSampleId :

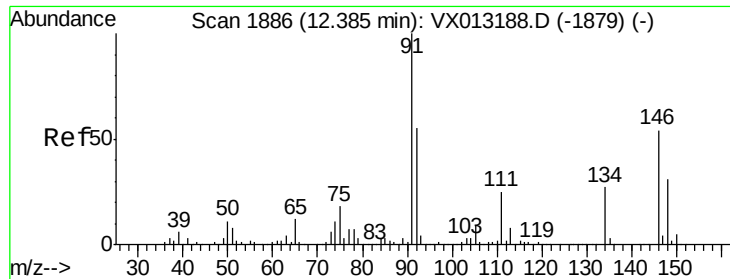
Tot Ion:146 Resp: 59544
 Ion Ratio Lower Upper
 146 100
 111 46.3 21.3 63.9
 148 65.4 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.910 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Tgt Ion:146 Resp: 63992
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 63.9
 148 61.1 32.5 97.5





#89

n-Butylbenzene

Concen: 18.850 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampled :

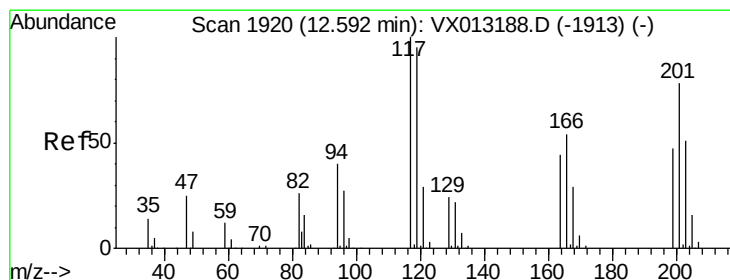
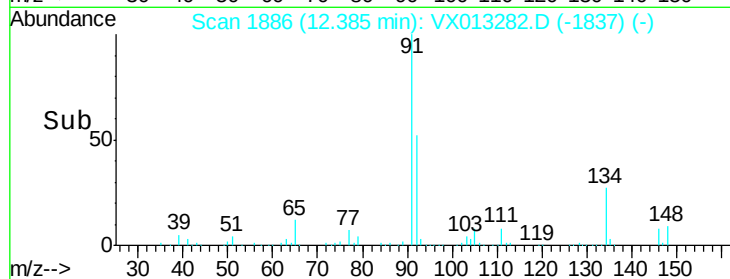
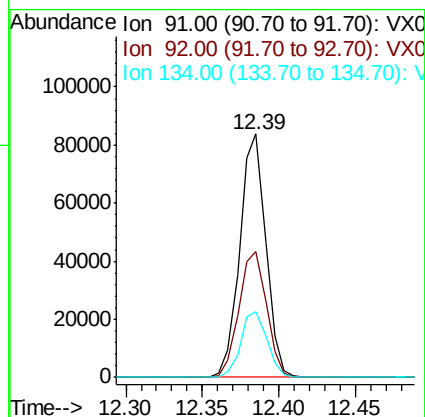
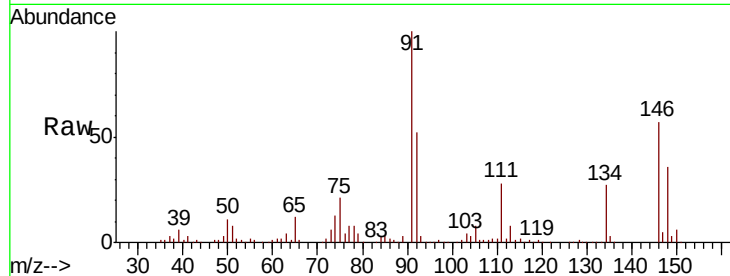
Tot Ion: 91 Resp: 98839

Ion Ratio Lower Upper

91 100

92 54.8 27.7 83.1

134 27.4 13.2 39.6



#90

Hexachloroethane

Concen: 20.818 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013282.D

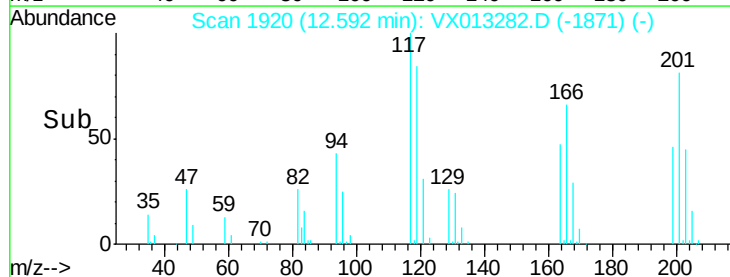
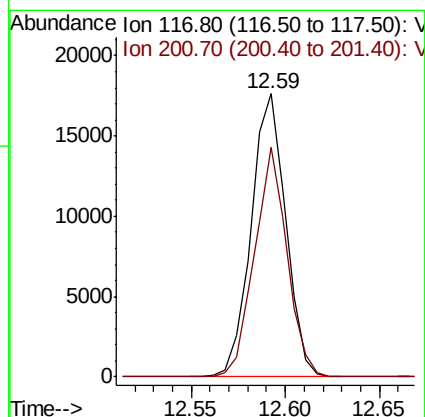
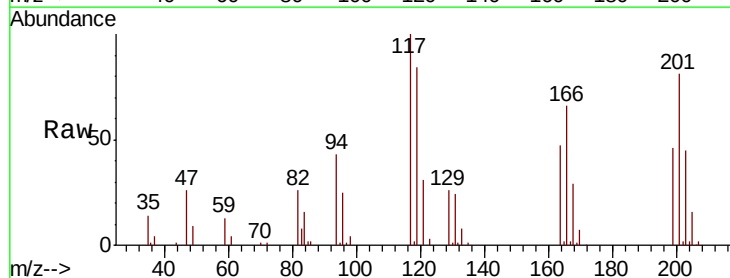
Acq: 30 Oct 2019 13:14

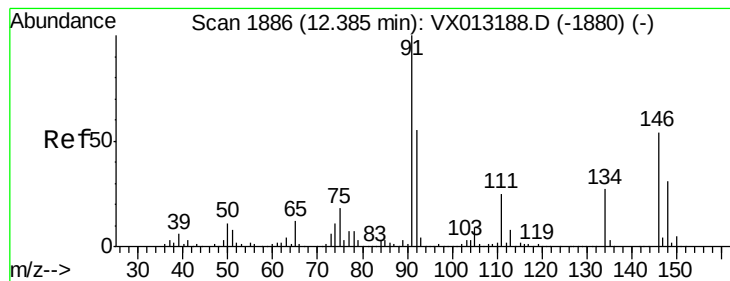
Tgt Ion: 117 Resp: 22347

Ion Ratio Lower Upper

117 100

201 76.5 39.0 116.9





#91

1,2-Dichlorobenzene

Concen: 19.552 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

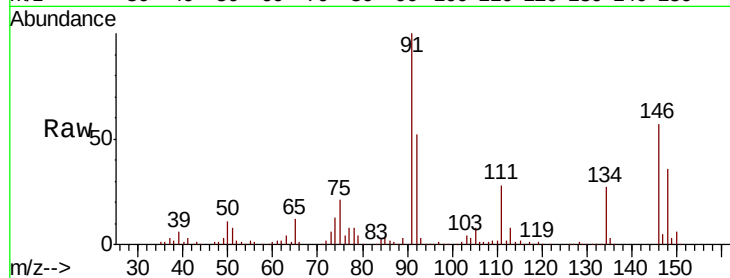
Tot Ion:146 Resp: 60692

Ion Ratio Lower Upper

146 100

111 44.7 22.9 68.8

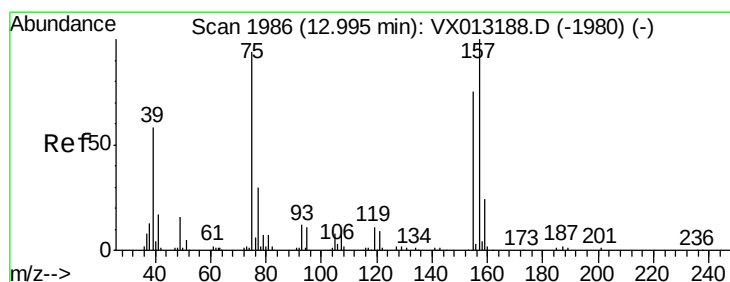
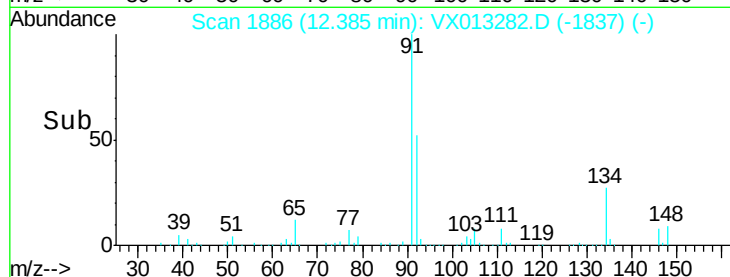
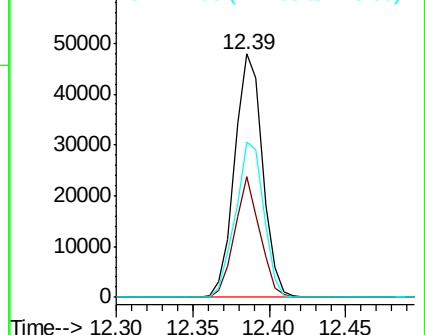
148 64.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.816 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013282.D

Acq: 30 Oct 2019 13:14

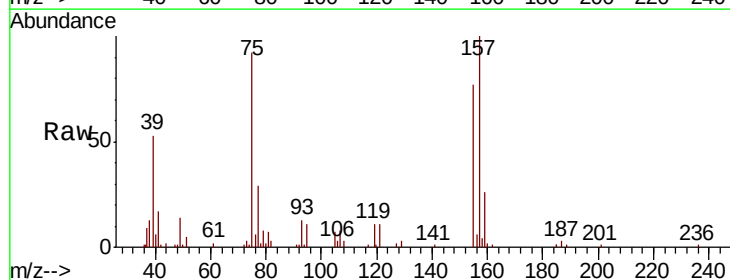
Tgt Ion: 75 Resp: 10358

Ion Ratio Lower Upper

75 100

155 89.8 42.8 128.4

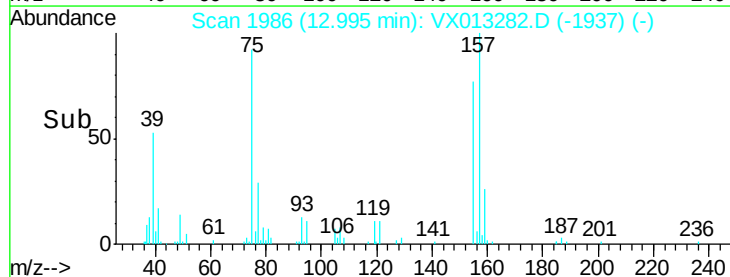
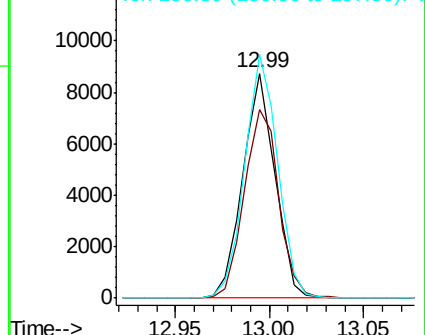
157 110.9 54.3 162.8

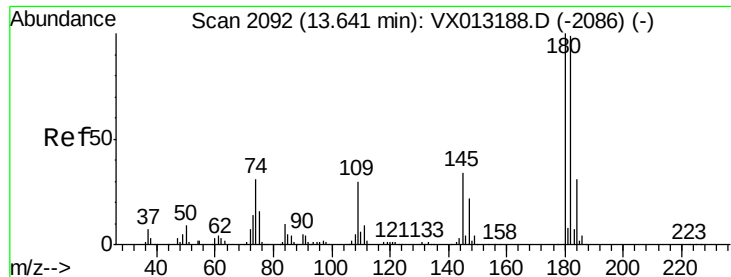


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

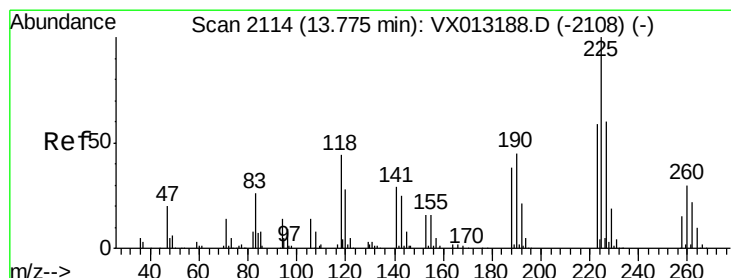
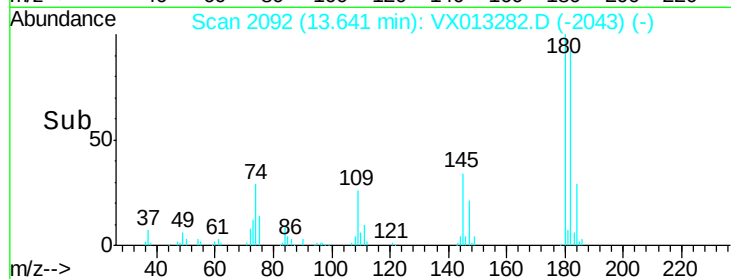
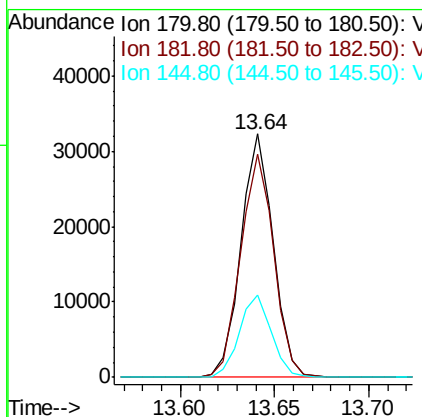
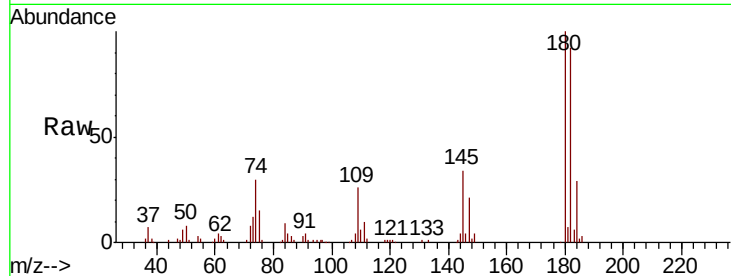




#93
 1,2,4-Trichlorobenzene
 Concen: 19.580 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

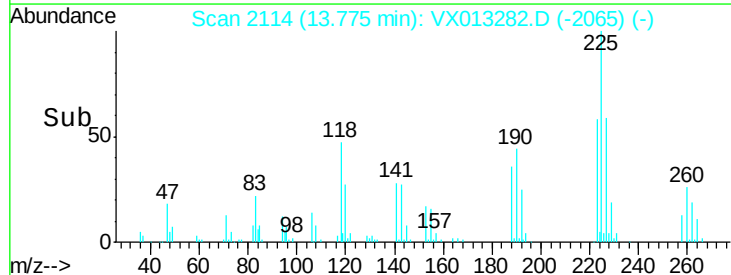
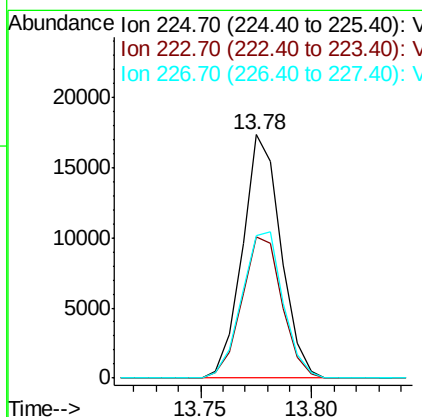
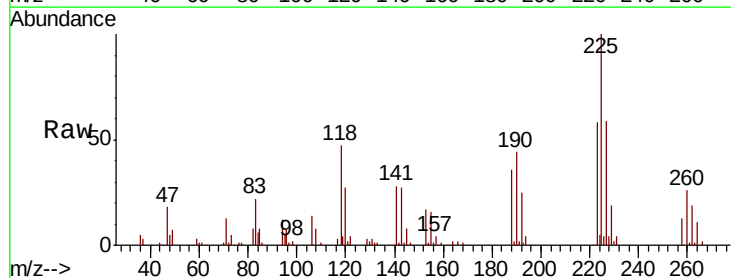
Instrument :
 MSVOA_X
 ClientSampleId :

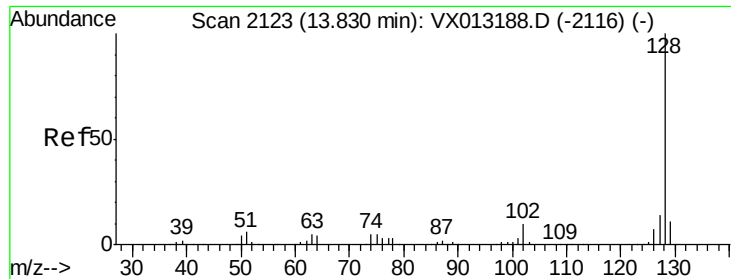
Tot Ion:180 Resp: 38272
 Ion Ratio Lower Upper
 180 100
 182 94.2 45.9 137.6
 145 33.5 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 20.637 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013282.D
 Acq: 30 Oct 2019 13:14

Tgt Ion:225 Resp: 20867
 Ion Ratio Lower Upper
 225 100
 223 61.2 30.9 92.5
 227 64.4 30.3 90.9

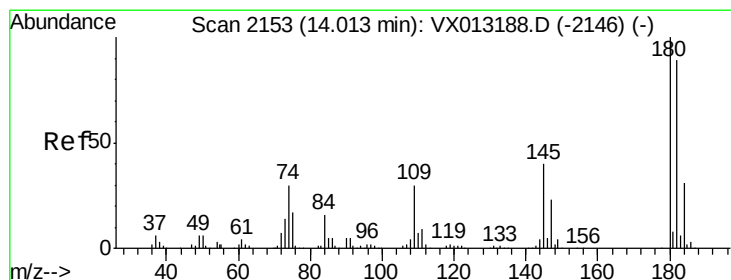
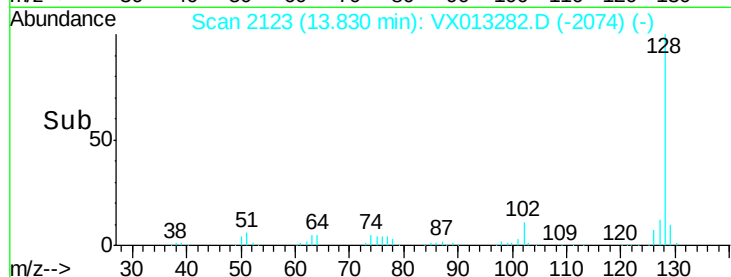
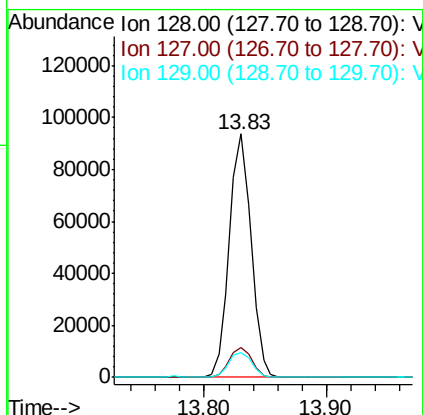
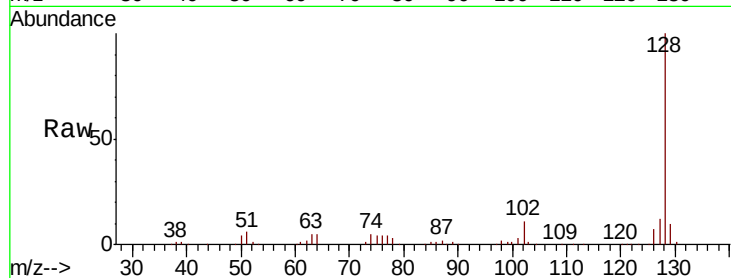




#95
Naphthalene
Concen: 19.231 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 115369
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.848 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013282.D
Acq: 30 Oct 2019 13:14

Tgt Ion:180 Resp: 38338
Ion Ratio Lower Upper
180 100
182 98.8 48.3 144.9
145 36.2 18.6 55.6

