

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
 Data File : VX013597.D
 Acq On : 26 Nov 2019 13:32
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 26 15:06:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	930399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1381091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1225102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	586274	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	16141	1.48	ug/l	0.00
Spiked Amount			Recovery	=	2.96%	
35) Dibromofluoromethane	5.48	113	13236	1.55	ug/l	0.00
Spiked Amount			Recovery	=	3.10%	
50) Toluene-d8	8.71	98	43164	1.34	ug/l	0.00
Spiked Amount			Recovery	=	2.68%	
62) 4-Bromofluorobenzene	11.14	95	15137	1.30	ug/l	0.00
Spiked Amount			Recovery	=	2.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	8301	0.783	ug/l	86
3) Chloromethane	1.32	50	10519	0.911	ug/l	97
4) Vinyl Chloride	1.40	62	11680	0.891	ug/l	100
5) Bromomethane	1.63	94	10336	1.149	ug/l	95
6) Chloroethane	1.72	64	7438	0.892	ug/l	97
7) Trichlorofluoromethane	1.92	101	14220	0.926	ug/l	95
8) Diethyl Ether	2.18	74	5940	0.872	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	9035	1.041	ug/l	92
10) Methyl Iodide	2.50	142	10020	0.930	ug/l #	97
11) Tert butyl alcohol	3.02	59	17515	6.136	ug/l	99
12) 1,1-Dichloroethene	2.36	96	8202	0.963	ug/l	92
13) Acrolein	2.28	56	5365	3.349	ug/l #	73
14) Allyl chloride	2.72	41	14823	0.955	ug/l	96
15) Acrylonitrile	3.13	53	25132	4.675	ug/l	96
16) Acetone	2.43	43	26191	4.826	ug/l	96
17) Carbon Disulfide	2.56	76	27262	1.188	ug/l #	94
18) Methyl Acetate	2.76	43	12041	0.800	ug/l #	88
19) Methyl tert-butyl Ether	3.18	73	26073	0.921	ug/l #	88
20) Methylene Chloride	2.84	84	10184	1.006	ug/l #	94
21) trans-1,2-Dichloroethene	3.15	96	9606	1.036	ug/l	94
22) Diisopropyl ether	3.84	45	25768	0.864	ug/l #	68
23) Vinyl Acetate	3.80	43	107548	4.230	ug/l	100
24) 1,1-Dichloroethane	3.68	63	14688	0.881	ug/l	98
25) 2-Butanone	4.65	43	32932	4.129	ug/l	92
26) 2,2-Dichloropropane	4.56	77	12703	0.953	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	11501	1.107	ug/l	90
28) Bromochloromethane	5.01	49	3897	0.770	ug/l #	76
29) Tetrahydrofuran	5.12	42	19213	3.919	ug/l	98
30) Chloroform	5.20	83	17599	1.070	ug/l	93
31) Cyclohexane	5.57	56	13951	0.922	ug/l #	97
32) 1,1,1-Trichloroethane	5.48	97	13680	0.969	ug/l #	50
36) 1,1-Dichloropropene	5.80	75	11742	0.995	ug/l #	92
37) Ethyl Acetate	4.83	43	10984	0.759	ug/l	97
38) Carbon Tetrachloride	5.77	117	10007	0.873	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.45	83	15333	1.038	ug/l	95
40) Benzene	6.13	78	36863	1.002	ug/l	94
41) Methacrylonitrile	5.03	41	6361	0.784	ug/l #	70
42) 1,2-Dichloroethane	6.18	62	11764	0.898	ug/l	96
43) Isopropyl Acetate	6.44	43	20110	0.891	ug/l	97
44) Trichloroethene	7.20	130	10624	1.047	ug/l	95
45) 1,2-Dichloropropane	7.51	63	8033	0.858	ug/l #	80
46) Dibromomethane	7.65	93	6519	1.025	ug/l	92
47) Bromodichloromethane	7.89	83	10772	0.897	ug/l #	97
48) Methyl methacrylate	7.76	41	8397	0.748	ug/l #	84
49) 1,4-Dioxane	7.75	88	4347	16.948	ug/l #	88
51) 4-Methyl-2-Pentanone	8.64	43	60971	4.140	ug/l	98
52) Toluene	8.78	92	21864	0.959	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	12138	0.921	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	12735	0.862	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	8395	0.892	ug/l	97
56) Ethyl methacrylate	9.17	69	12527	0.860	ug/l	91
57) 1,3-Dichloropropane	9.37	76	15695	0.982	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	23550	3.739	ug/l	95
59) 2-Hexanone	9.49	43	44871	3.944	ug/l	95
60) Dibromochloromethane	9.58	129	8839	0.918	ug/l	96
61) 1,2-Dibromoethane	9.67	107	9637	0.967	ug/l	95
64) Tetrachloroethene	9.33	164	9566	1.094	ug/l	94
65) Chlorobenzene	10.14	112	24485	0.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	7863	0.868	ug/l #	59
67) Ethyl Benzene	10.25	91	39451	0.924	ug/l	99
68) m/p-Xylenes	10.35	106	30599	1.899	ug/l	98
69) o-Xylene	10.69	106	14261	0.901	ug/l	92
70) Styrene	10.71	104	23441	0.888	ug/l	98
71) Bromoform	10.85	173	6041	0.824	ug/l #	97
73) Isopropylbenzene	11.01	105	39013	1.002	ug/l	100
74) N-amyl acetate	10.89	43	14676	0.817	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	12045	0.853	ug/l #	77
76) 1,2,3-Trichloropropane	11.29	75	12974	1.064	ug/l	93
77) Bromobenzene	11.25	156	11362	1.095	ug/l	91
78) n-propylbenzene	11.35	91	42176	0.975	ug/l	94
79) 2-Chlorotoluene	11.42	91	26233	1.006	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	29224	0.904	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	4039	0.874	ug/l #	86
82) 4-Chlorotoluene	11.51	91	30964	1.016	ug/l	100
83) tert-Butylbenzene	11.76	119	30190	0.929	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	30308	0.936	ug/l	98
85) sec-Butylbenzene	11.94	105	35173	0.940	ug/l	94
86) p-Isopropyltoluene	12.06	119	32639	0.948	ug/l	93
87) 1,3-Dichlorobenzene	12.03	146	19194	1.041	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	19194	1.022	ug/l	98
89) n-Butylbenzene	12.38	91	26830	0.896	ug/l	97
90) Hexachloroethane	12.59	117	5809	0.946	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	17870	0.969	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2691	0.790	ug/l	92

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:03:52 2019
Response via : Initial Calibration

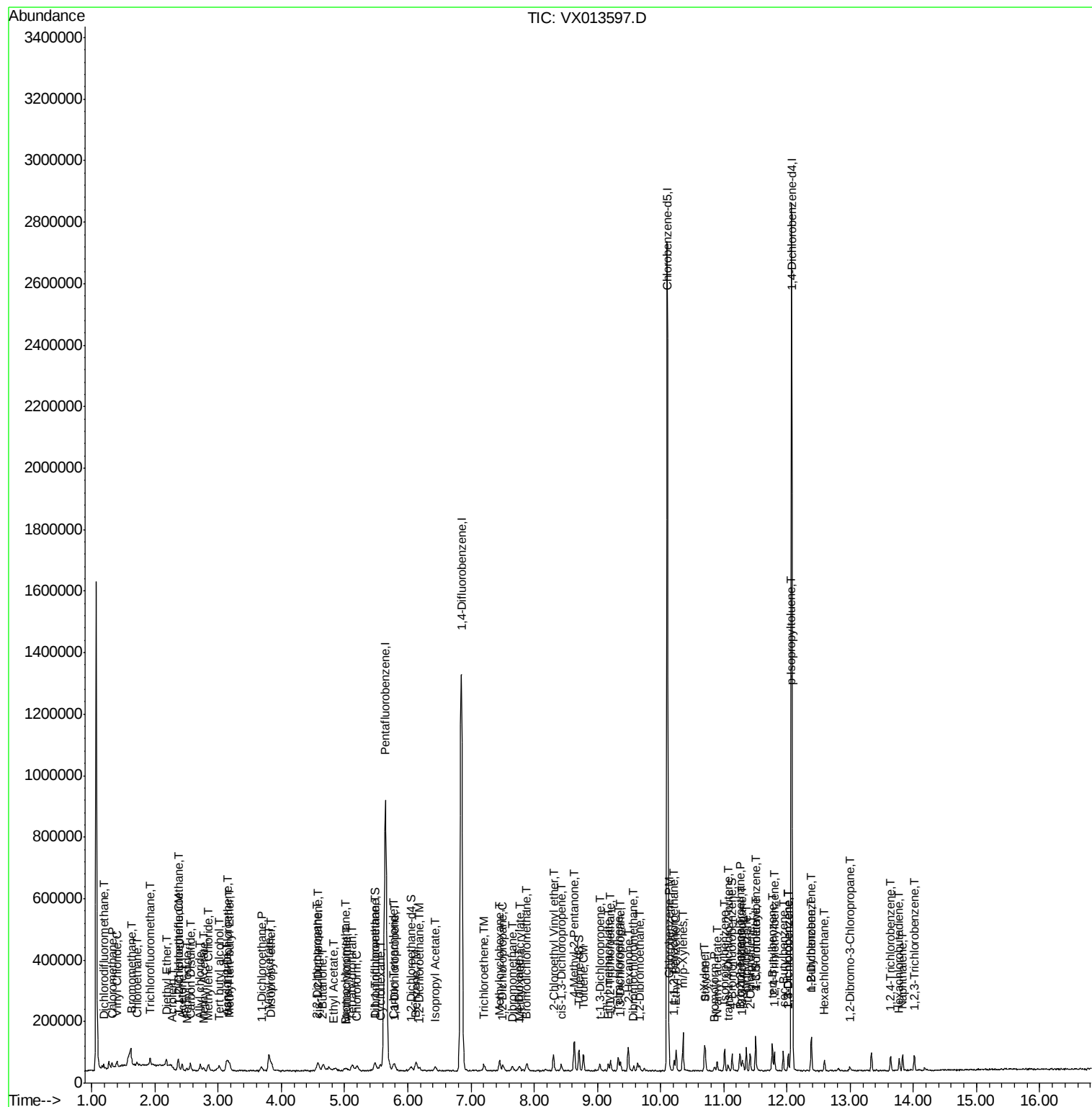
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	13739	1.070	ug/l	95
94) Hexachlorobutadiene	13.77	225	7009	1.126	ug/l	97
95) Naphthalene	13.83	128	35196	0.884	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	13010	1.016	ug/l	93

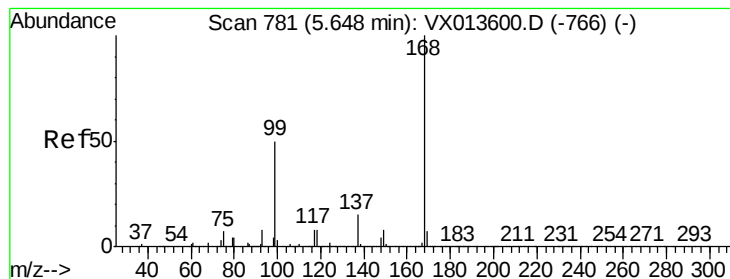
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Nov 26 15:06:26 2019
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QLast Update : Tue Nov 26 15:03:52 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

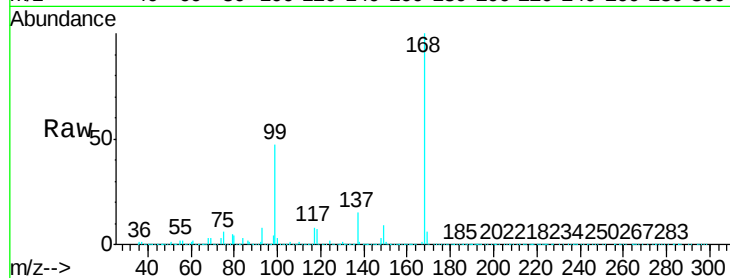
VSTDIC001

Tgt Ion:168 Resp: 930399

Ion Ratio Lower Upper

168 100

99 47.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

400000

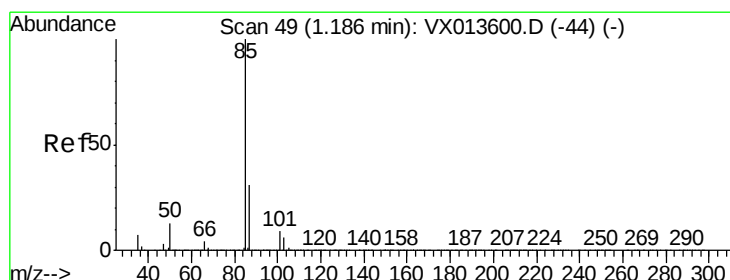
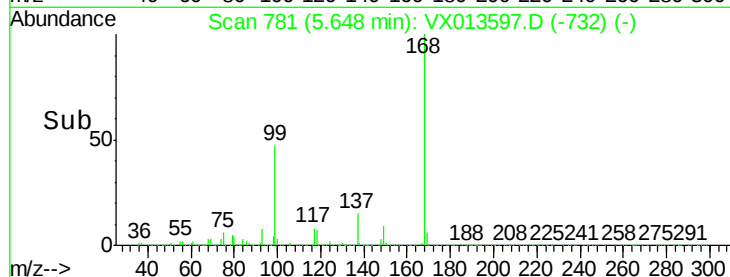
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.783 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013597.D

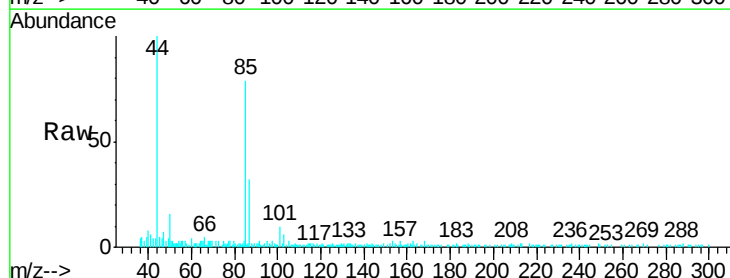
Acq: 26 Nov 2019 13:32

Tgt Ion: 85 Resp: 8301

Ion Ratio Lower Upper

85 100

87 39.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

8000

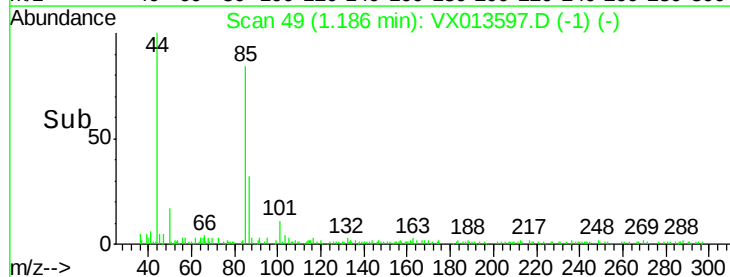
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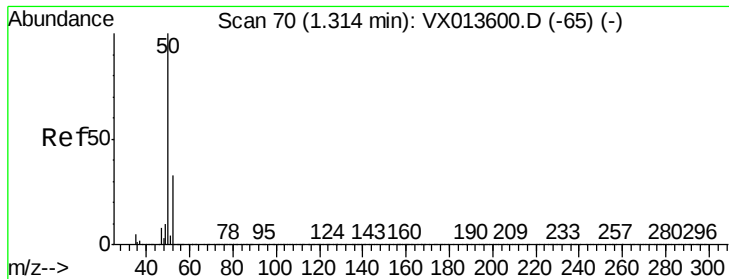
4000

2000

0

Time-->





#3

Chloromethane

Concen: 0.911 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

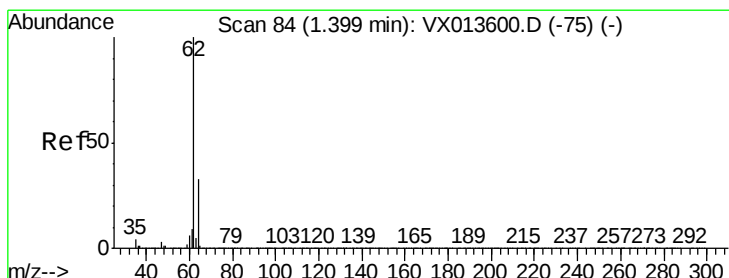
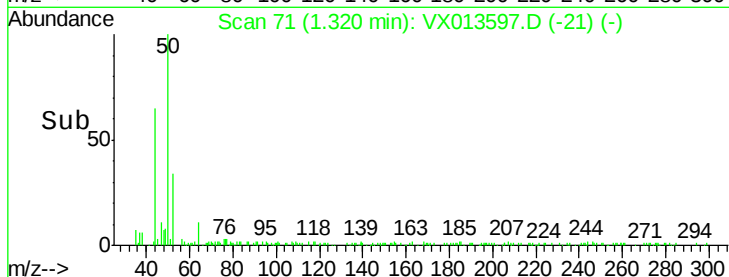
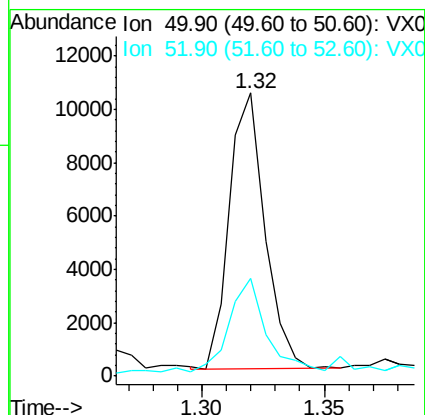
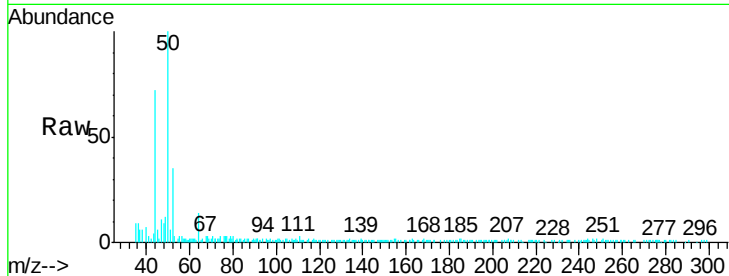
VSTDIC001

Tgt Ion: 50 Resp: 10519

Ion Ratio Lower Upper

50 100

52 34.0 26.0 39.0



#4

Vinyl Chloride

Concen: 0.891 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013597.D

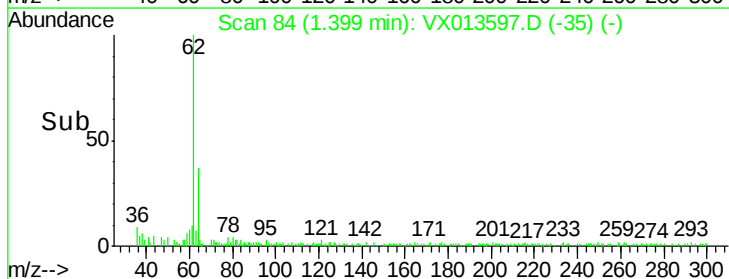
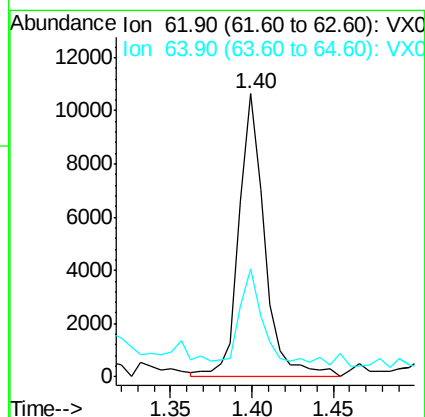
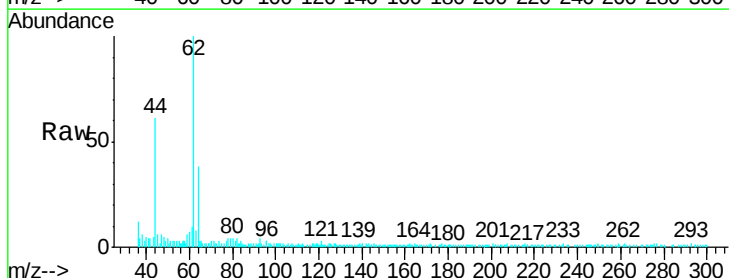
Acq: 26 Nov 2019 13:32

Tgt Ion: 62 Resp: 11680

Ion Ratio Lower Upper

62 100

64 32.3 26.0 39.0





#5

Bromomethane

Concen: 1.149 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

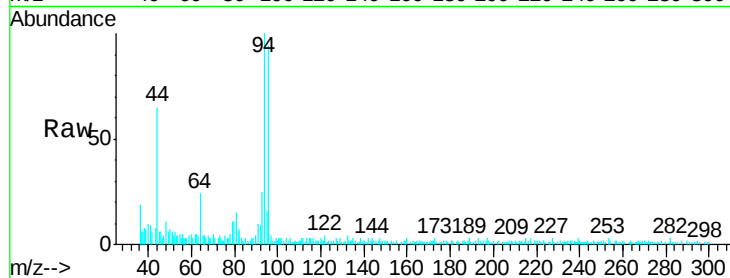
VSTDIC001

Tgt Ion: 94 Resp: 10336

Ion Ratio Lower Upper

94 100

96 91.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

8000

6000

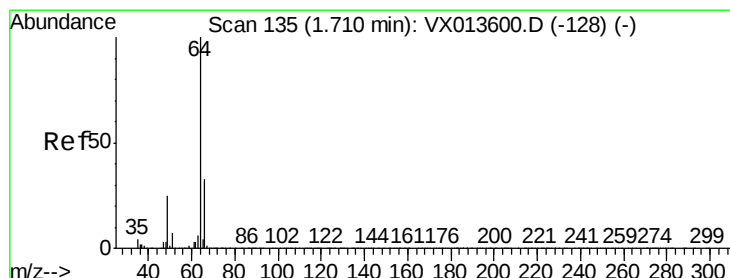
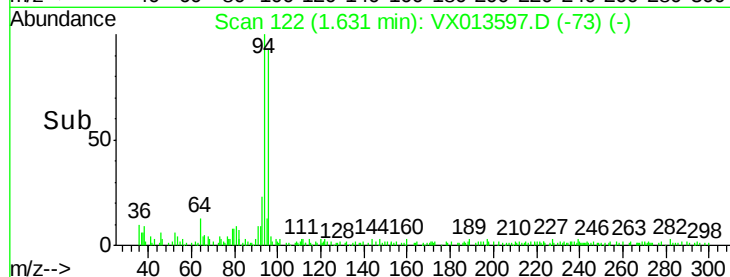
4000

2000

0

Time-->

1.50 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 0.892 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013597.D

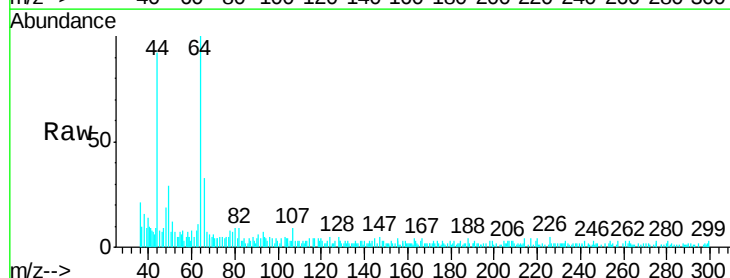
Acq: 26 Nov 2019 13:32

Tgt Ion: 64 Resp: 7438

Ion Ratio Lower Upper

64 100

66 35.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

6000

5000

4000

3000

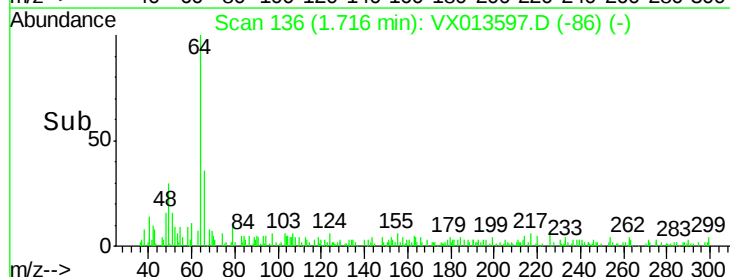
2000

1000

0

Time-->

1.70 1.75



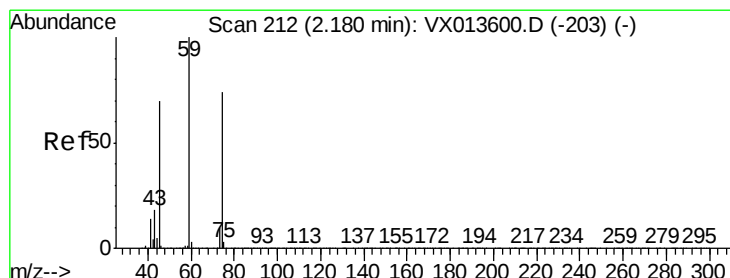
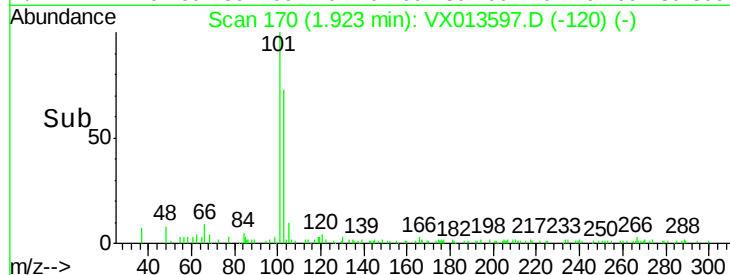
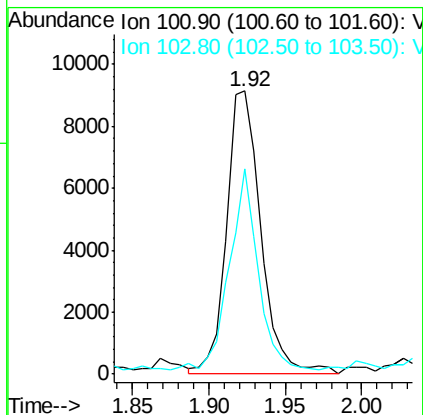
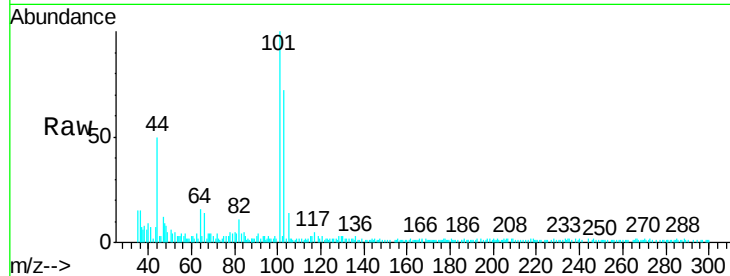


#7

Trichlorofluoromethane
Concen: 0.926 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

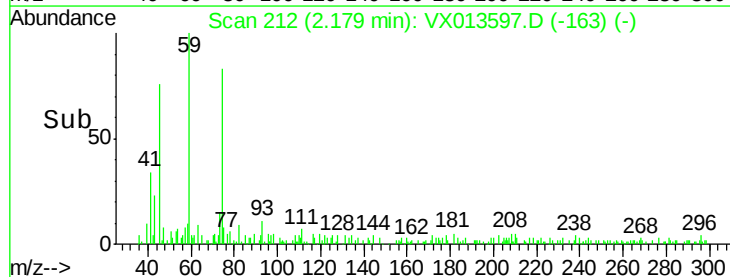
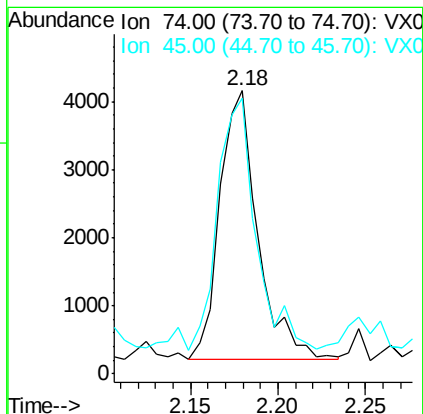
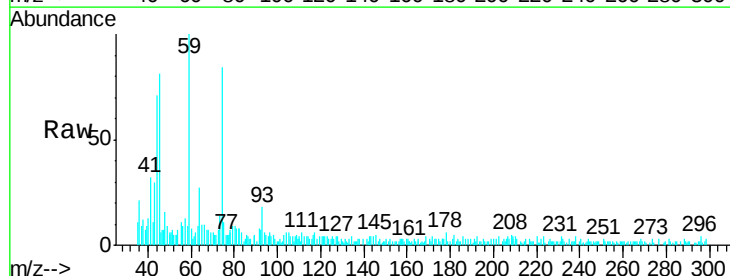
Tgt Ion: 101 Resp: 14220
Ion Ratio Lower Upper
101 100
103 68.8 51.8 77.6

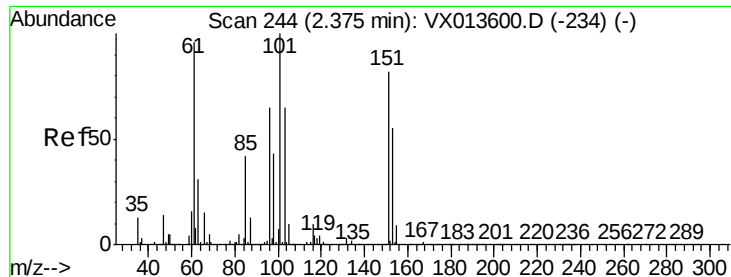


#8

Diethyl Ether
Concen: 0.872 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion: 74 Resp: 5940
Ion Ratio Lower Upper
74 100
45 105.4 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.041 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

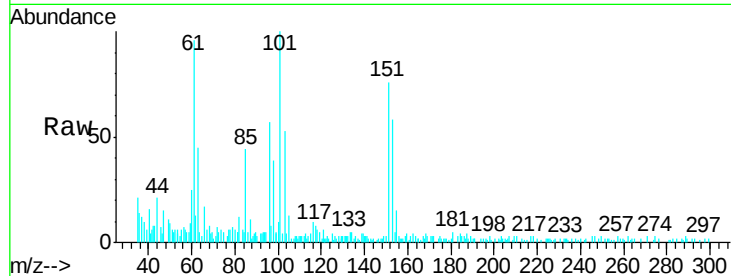
Tgt Ion:101 Resp: 9035

Ion Ratio Lower Upper

101 100

85 47.7 33.9 50.9

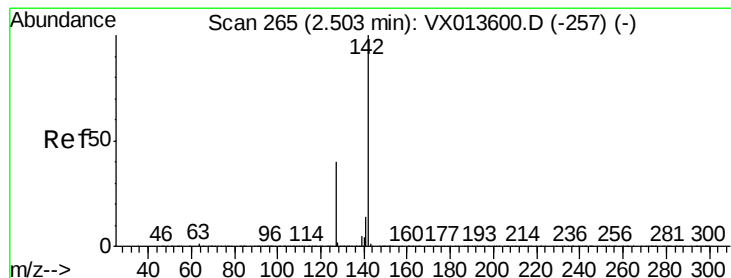
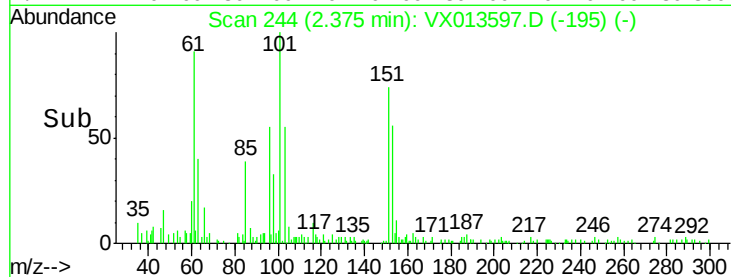
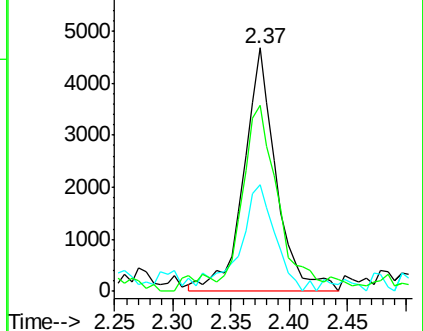
151 73.8 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.930 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

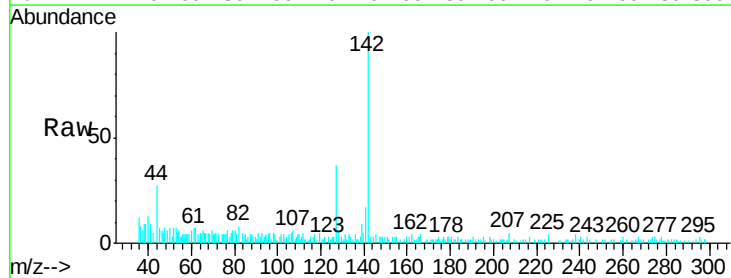
Tgt Ion:142 Resp: 10020

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.4

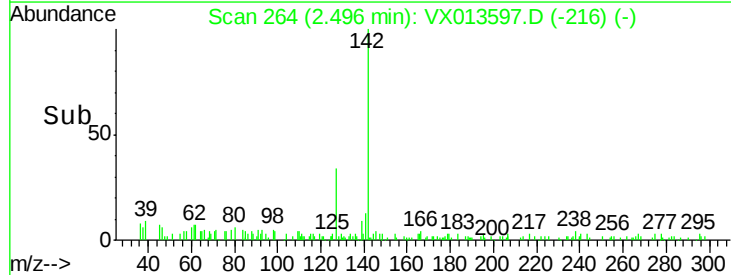
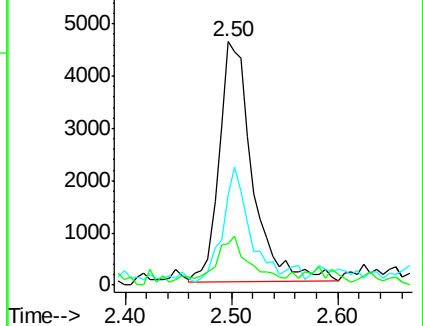
141 18.9 11.6 17.4#

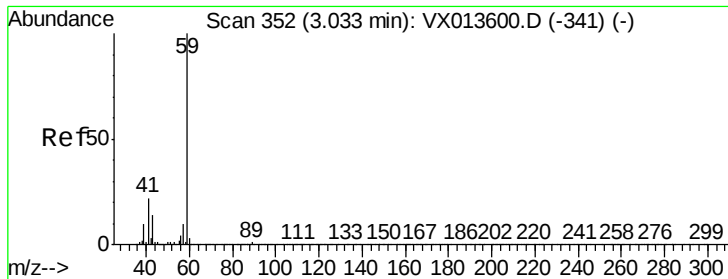


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



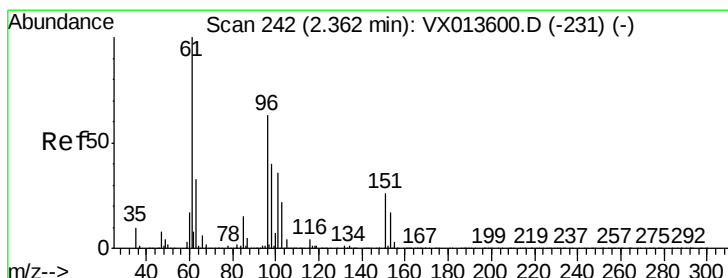
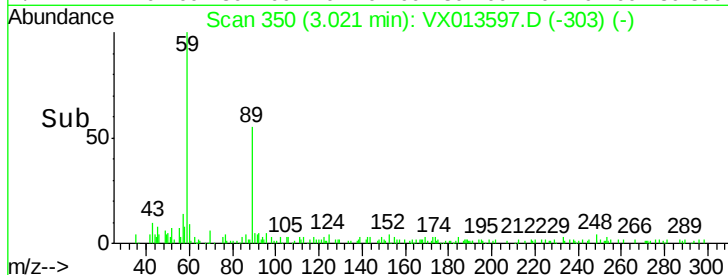
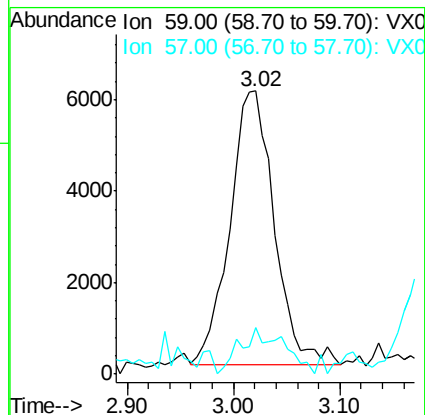
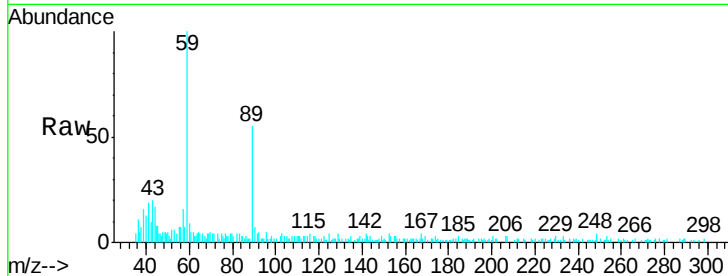


#11

Tert butyl alcohol
Concen: 6.136 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

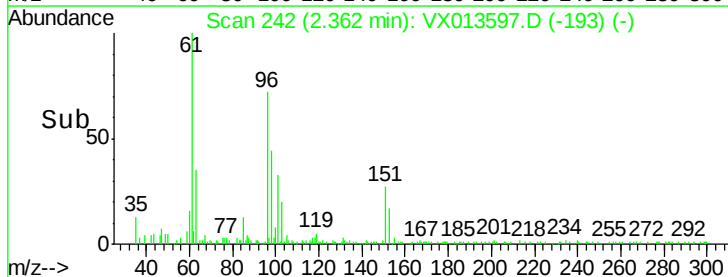
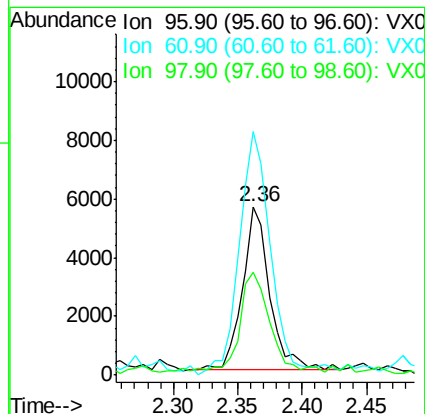
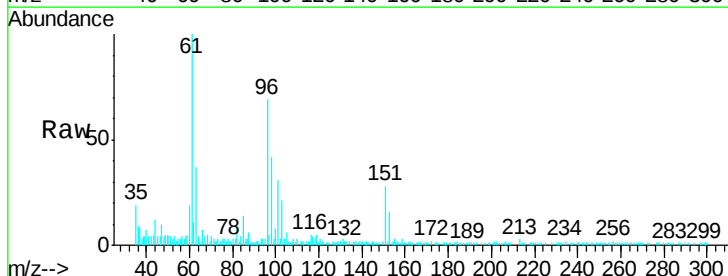
Tgt Ion: 59 Resp: 17515
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

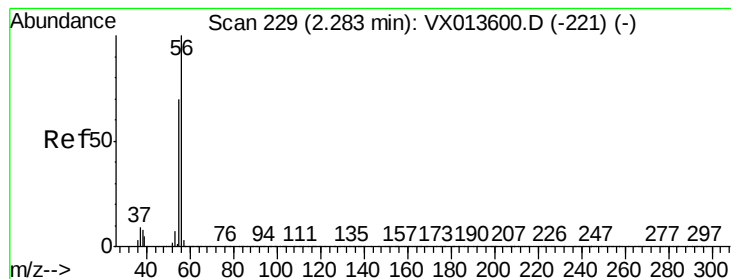


#12

1,1-Dichloroethene
Concen: 0.963 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion: 96 Resp: 8202
Ion Ratio Lower Upper
96 100
61 145.3 126.6 190.0
98 59.9 50.6 76.0





#13

Acrolein

Concen: 3.349 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

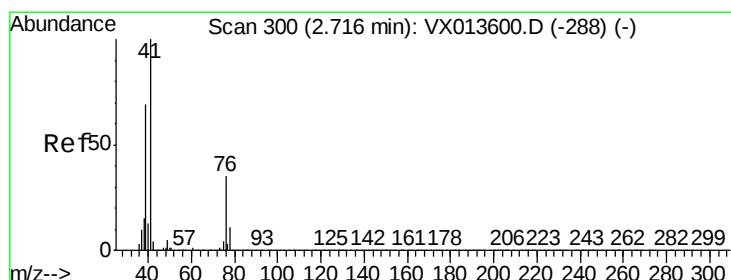
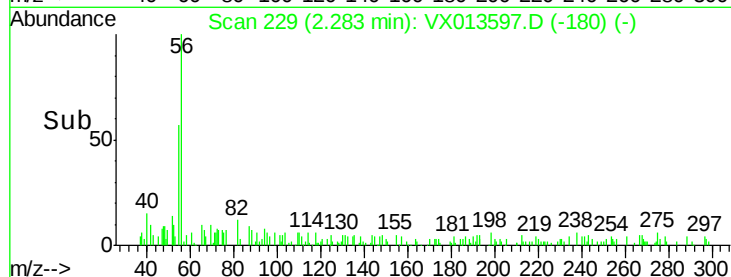
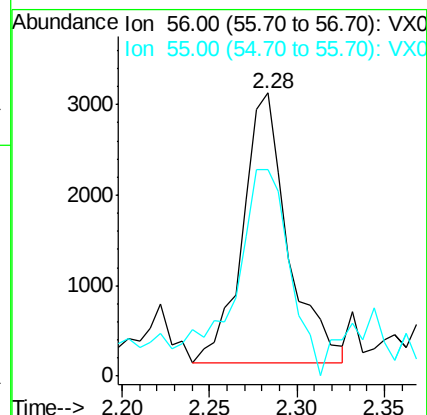
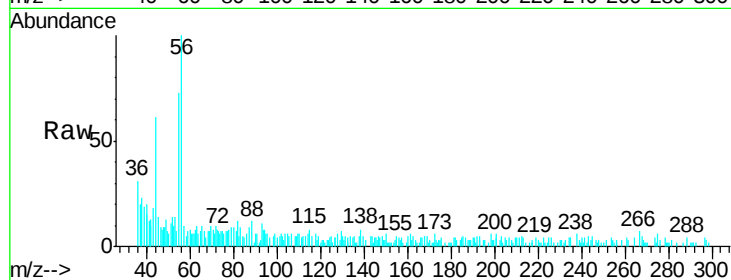
VSTDIC001

Tgt Ion: 56 Resp: 5365

Ion Ratio Lower Upper

56 100

55 92.6 56.2 84.4#



#14

Allyl chloride

Concen: 0.955 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

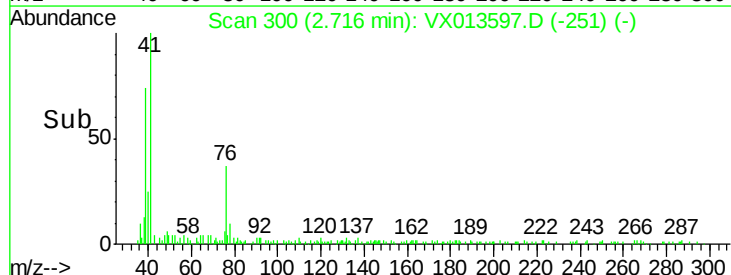
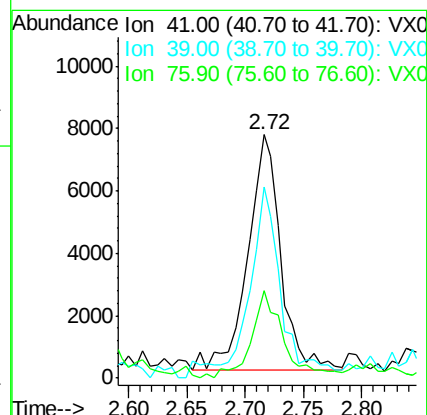
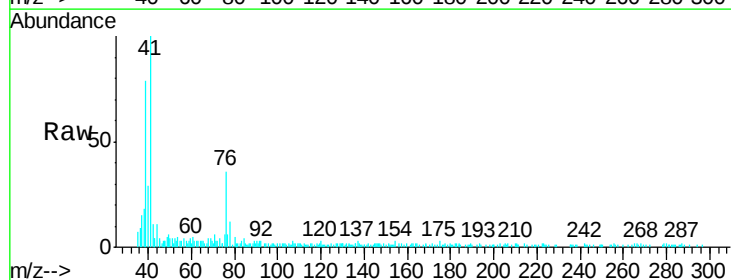
Tgt Ion: 41 Resp: 14823

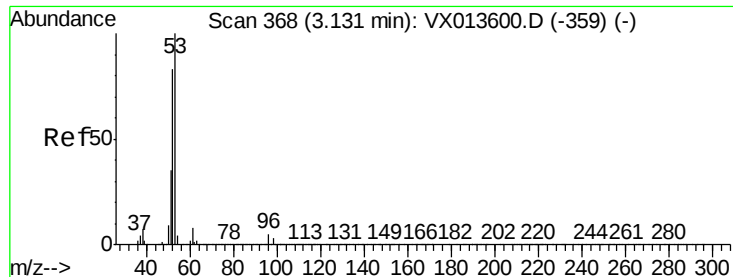
Ion Ratio Lower Upper

41 100

39 65.9 51.7 77.5

76 36.9 25.9 38.9

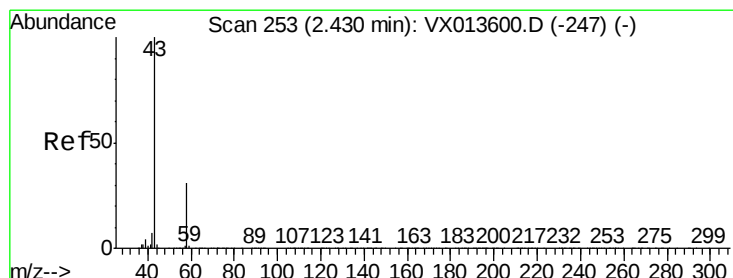
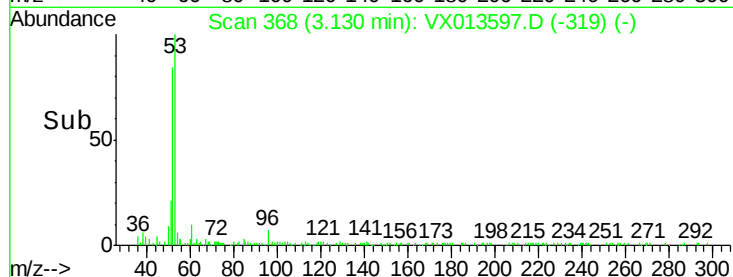
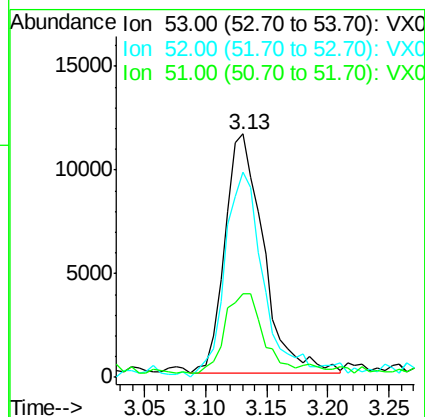
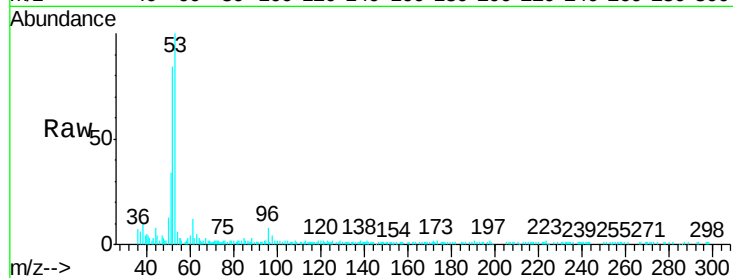




#15
Acrylonitrile
Concen: 4.675 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

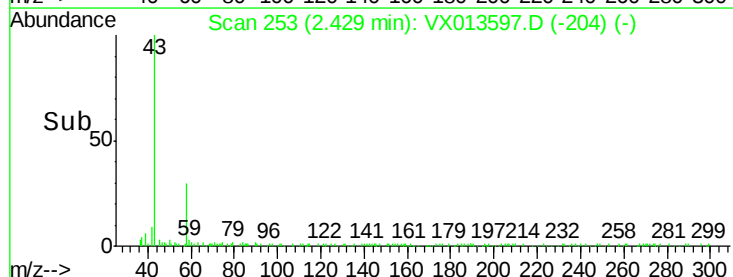
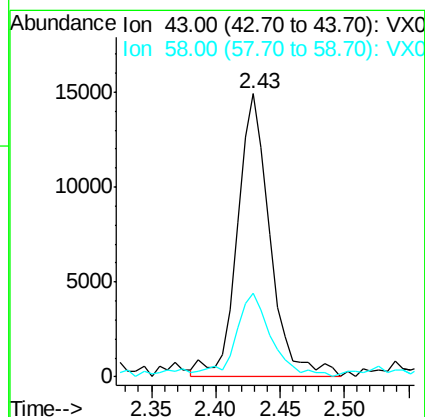
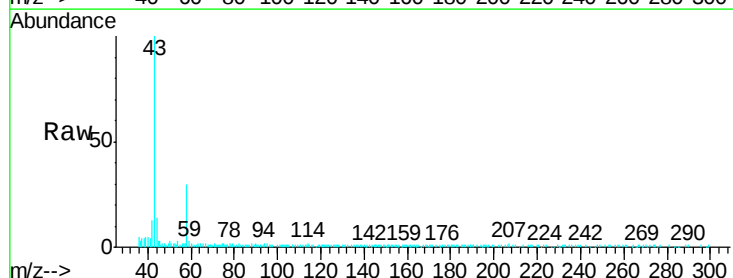
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

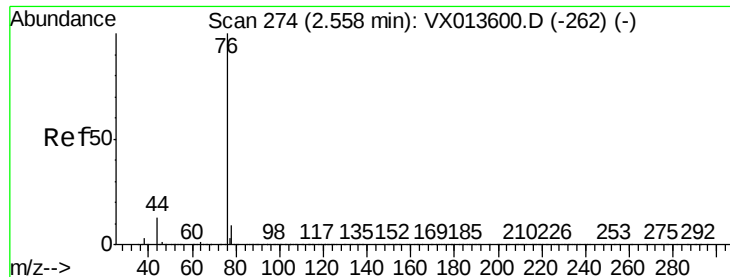
Tgt Ion: 53 Resp: 25132
Ion Ratio Lower Upper
53 100
52 86.3 66.2 99.2
51 33.2 29.0 43.6



#16
Acetone
Concen: 4.826 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion: 43 Resp: 26191
Ion Ratio Lower Upper
43 100
58 28.3 24.6 36.8

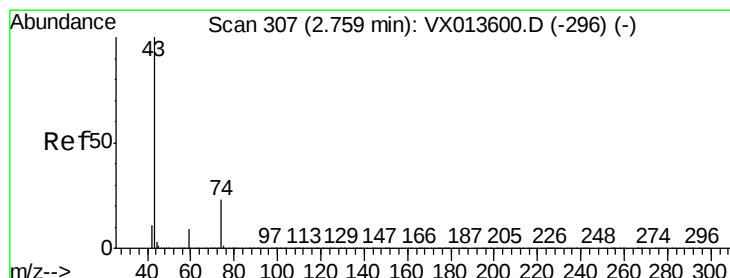
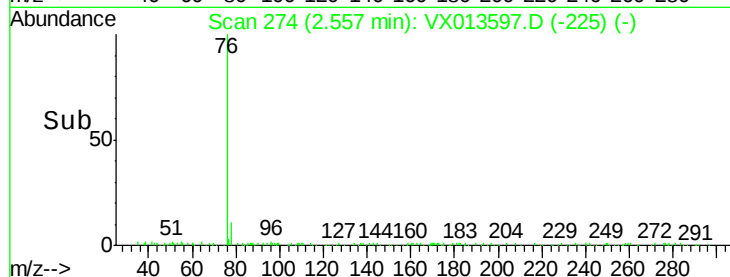
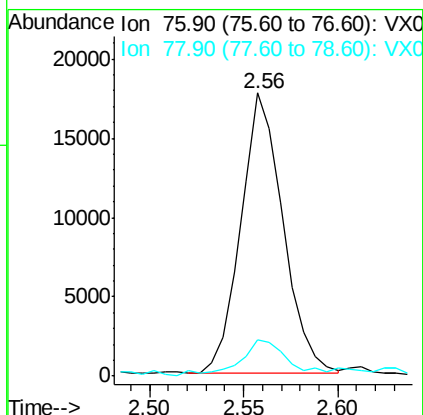
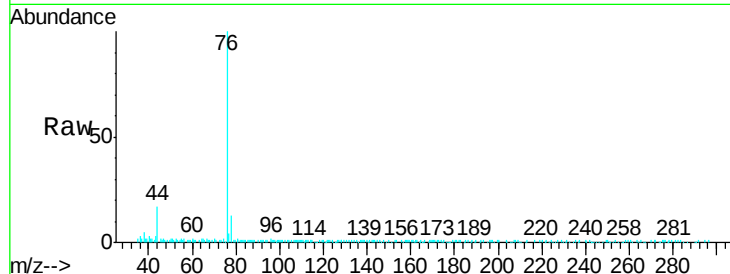




#17
Carbon Disulfide
Concen: 1.188 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

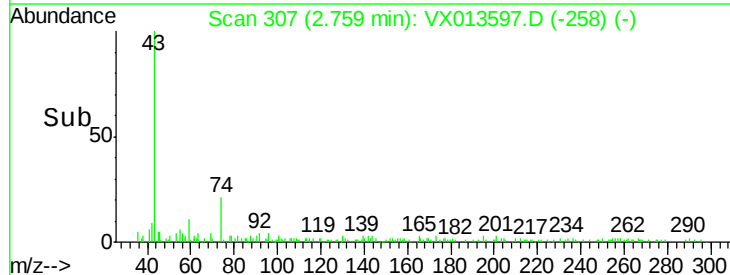
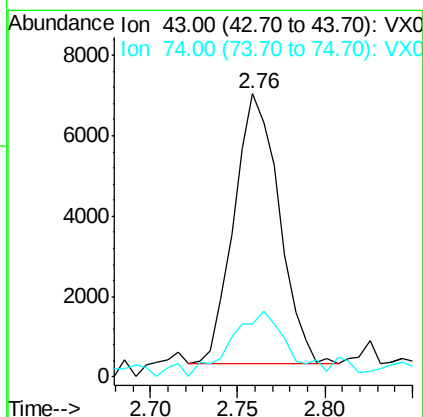
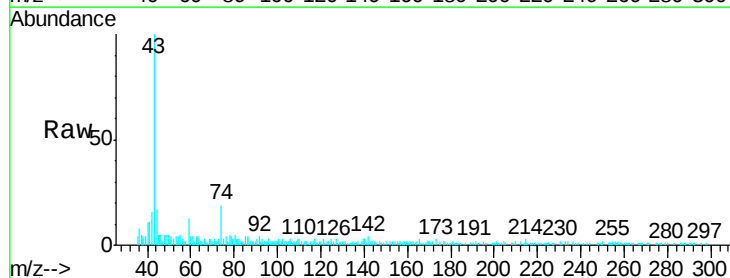
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 27262
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#



#18
Methyl Acetate
Concen: 0.800 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion: 43 Resp: 12041
Ion Ratio Lower Upper
43 100
74 30.3 19.5 29.3#





#19

Methyl tert-butyl Ether

Concen: 0.921 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

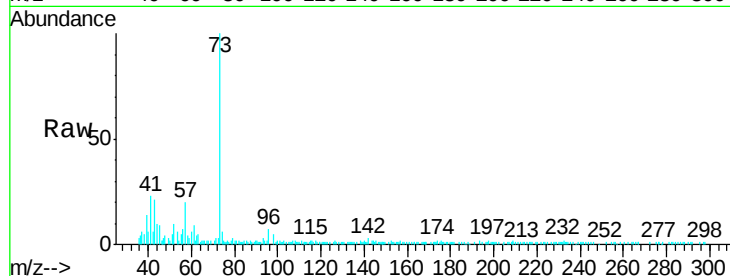
VSTDIC001

Tgt Ion: 73 Resp: 26073

Ion Ratio Lower Upper

73 100

57 17.0 18.3 27.5#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

12000

10000

8000

6000

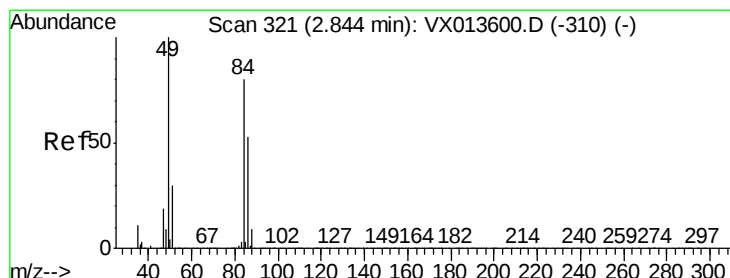
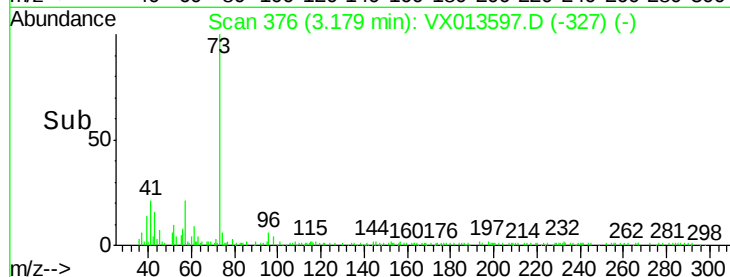
4000

2000

0

3.10 3.18 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 1.006 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Tgt Ion: 84 Resp: 10184

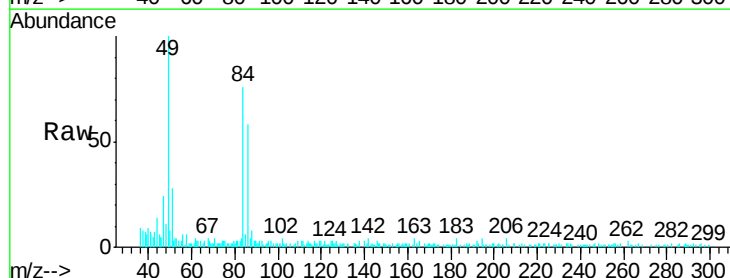
Ion Ratio Lower Upper

84 100

49 127.3 99.7 149.5

51 26.1 29.9 44.9#

86 71.0 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

10000

8000

6000

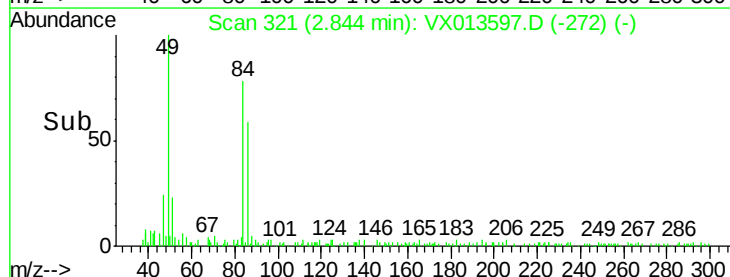
4000

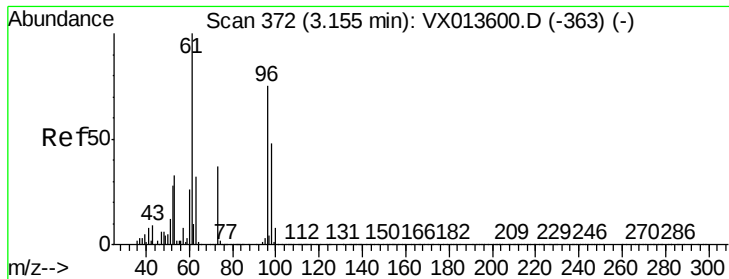
2000

0

2.75 2.80 2.84 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.036 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

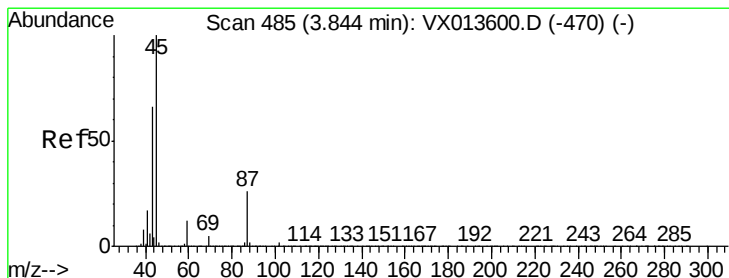
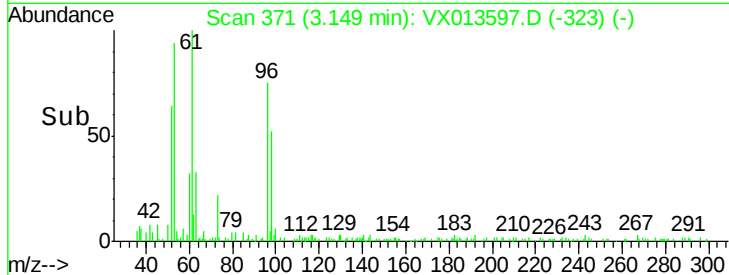
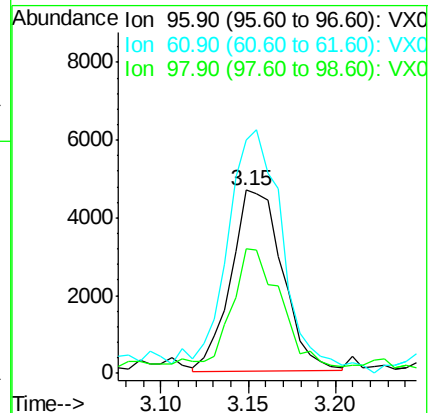
Tgt Ion: 96 Resp: 9606

Ion Ratio Lower Upper

96 100

61 126.1 107.2 160.8

98 66.7 51.4 77.0



#22

Diisopropyl ether

Concen: 0.864 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Tgt Ion: 45 Resp: 25768

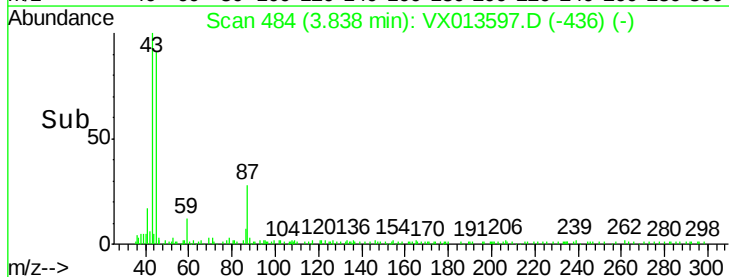
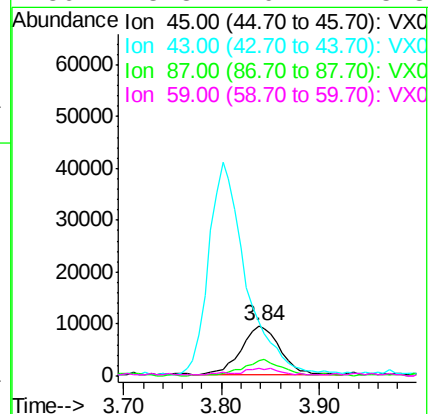
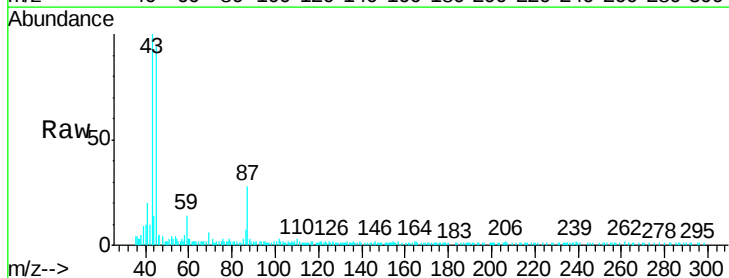
Ion Ratio Lower Upper

45 100

43 103.1 52.6 79.0#

87 28.5 21.1 31.7

59 13.8 9.2 13.8#





#23

Vinyl Acetate

Concen: 4.230 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

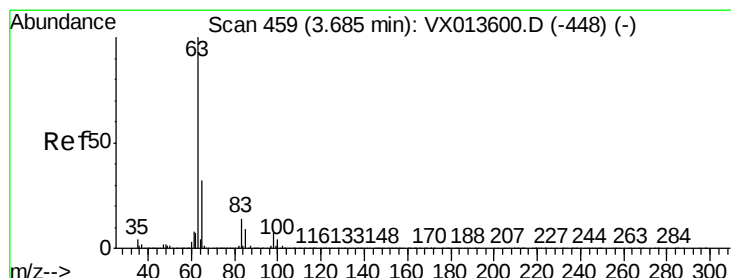
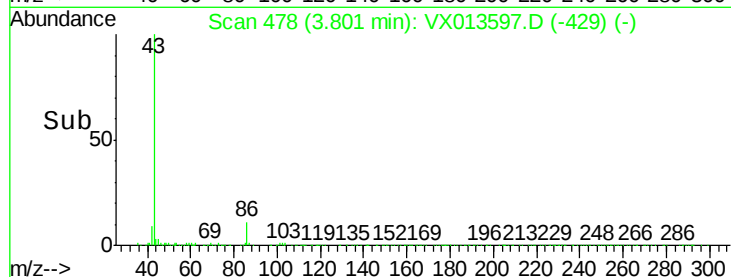
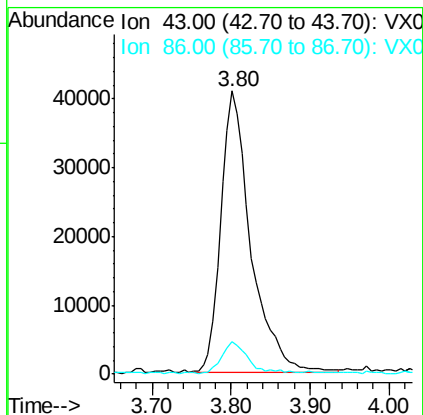
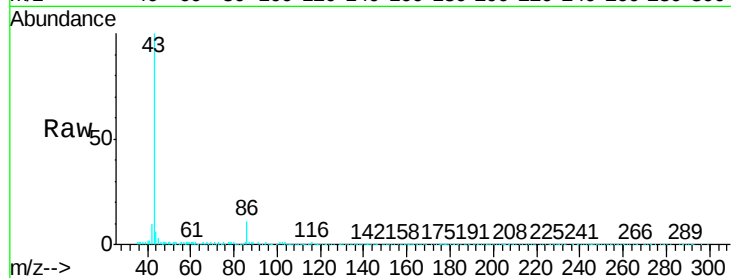
VSTDIC001

Tgt Ion: 43 Resp: 107548

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 0.881 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

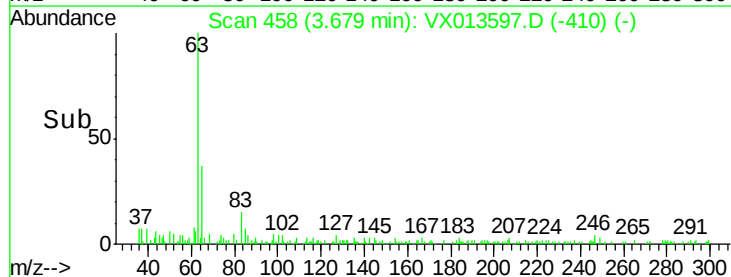
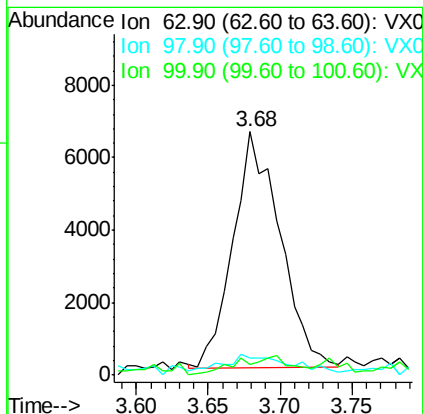
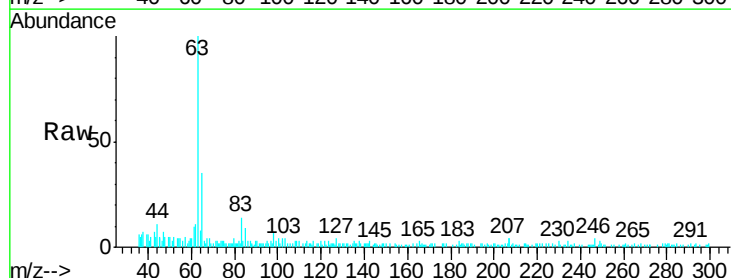
Tgt Ion: 63 Resp: 14688

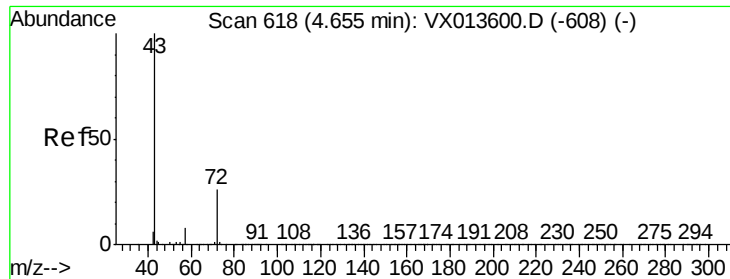
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 4.129 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

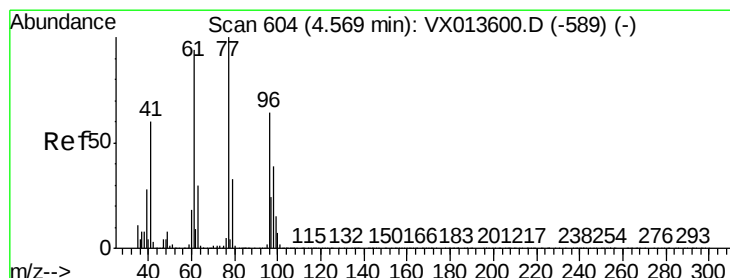
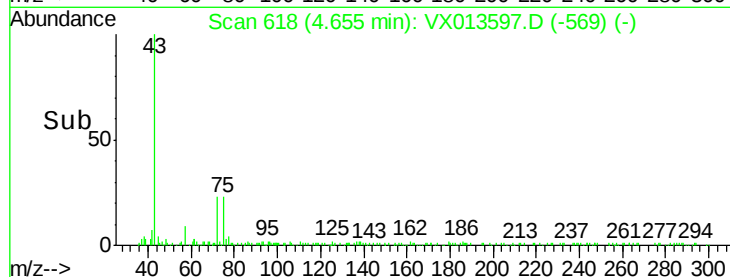
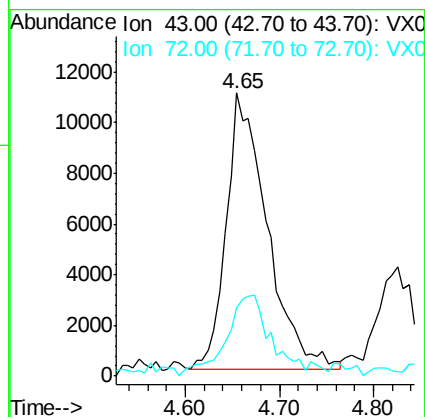
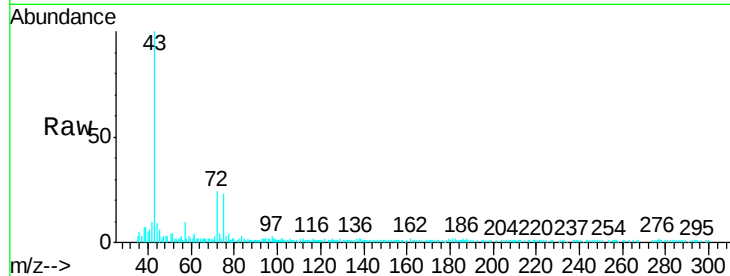
VSTDIC001

Tgt Ion: 43 Resp: 32932

Ion Ratio Lower Upper

43 100

72 21.5 20.6 31.0



#26

2,2-Dichloropropane

Concen: 0.953 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013597.D

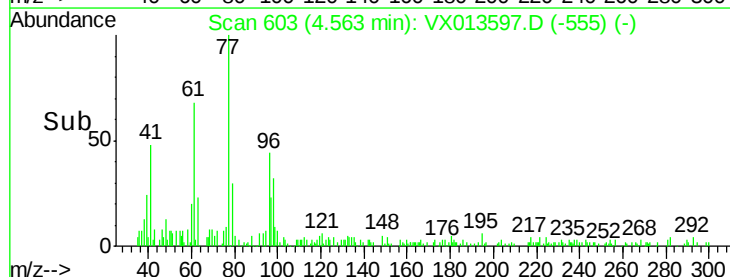
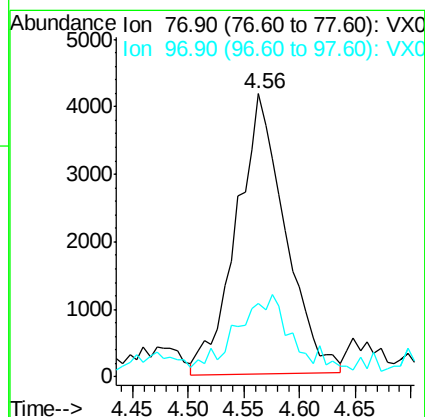
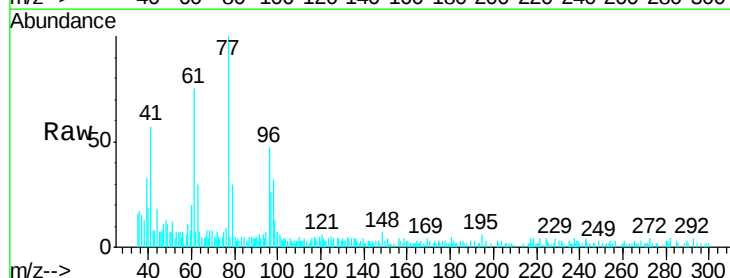
Acq: 26 Nov 2019 13:32

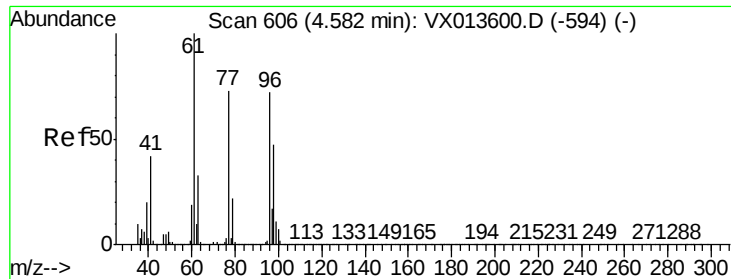
Tgt Ion: 77 Resp: 12703

Ion Ratio Lower Upper

77 100

97 25.6 12.0 36.1



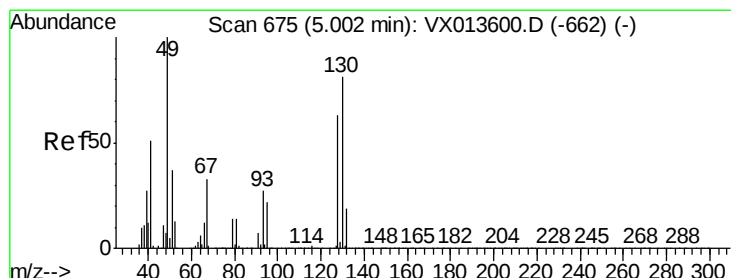
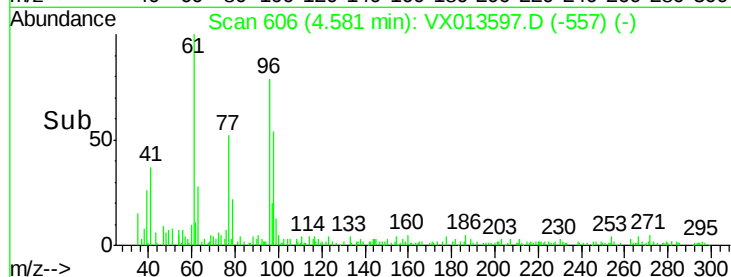
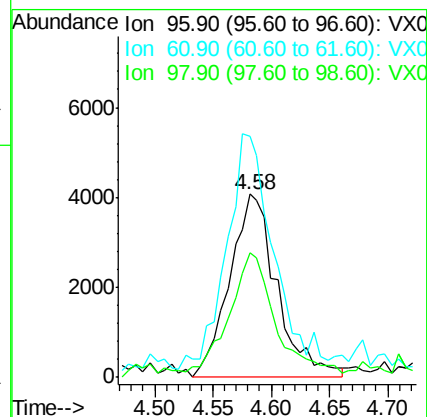
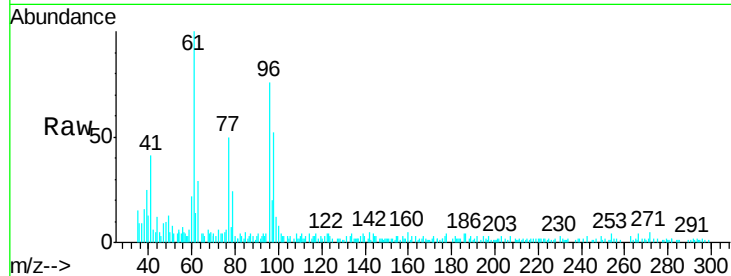


#27

cis-1,2-Dichloroethene
Concen: 1.107 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

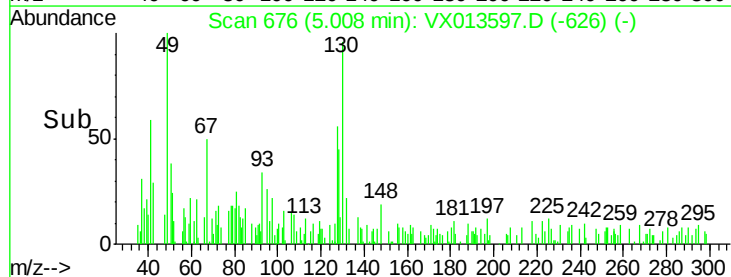
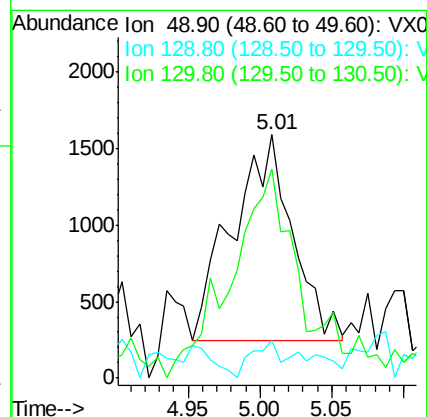
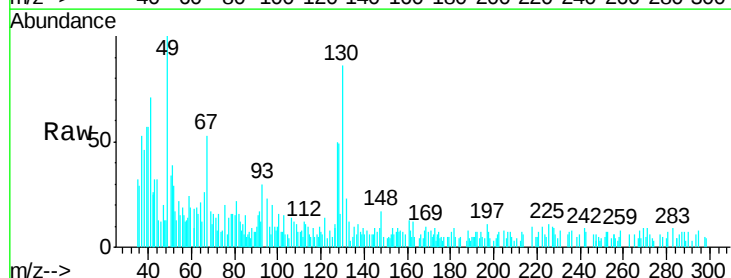
Tgt Ion: 96 Resp: 11501
Ion Ratio Lower Upper
96 100
61 126.7 0.0 286.4
98 62.7 0.0 127.4

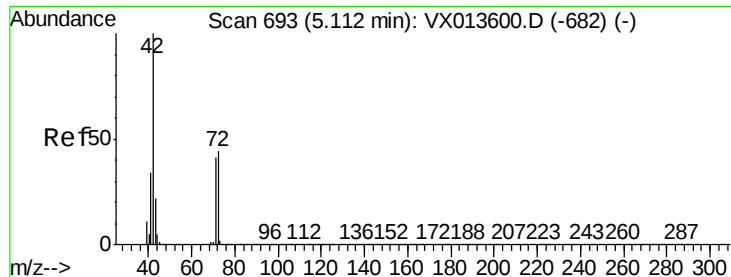


#28

Bromochloromethane
Concen: 0.770 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion: 49 Resp: 3897
Ion Ratio Lower Upper
49 100
129 9.3 0.0 5.0#
130 103.5 65.4 98.0#





#29

Tetrahydrofuran

Concen: 3.919 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

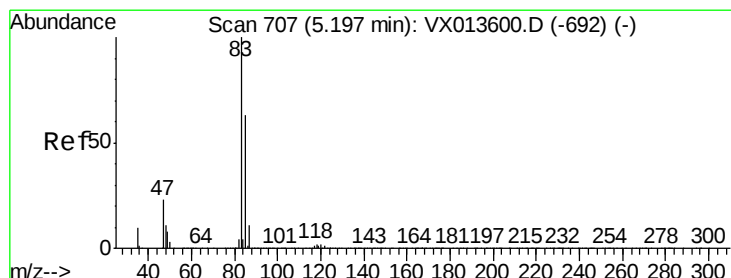
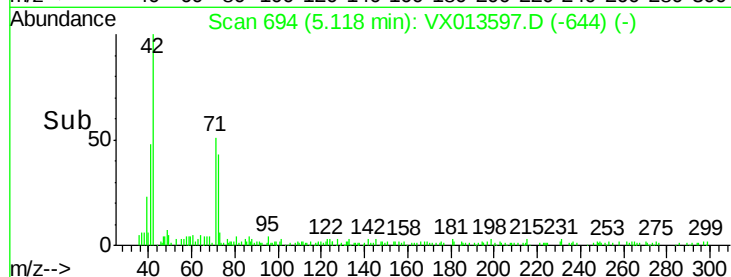
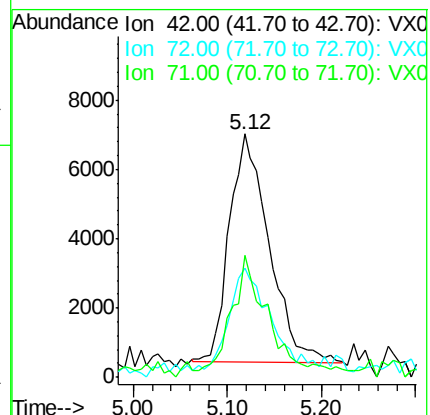
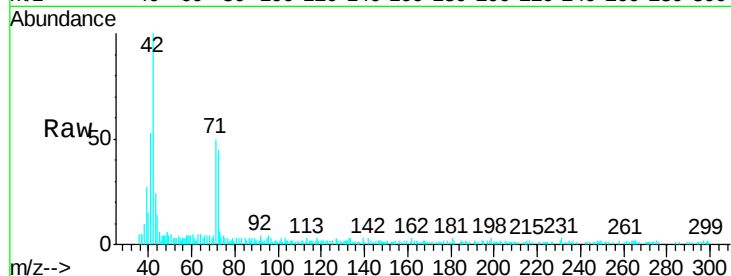
Tgt Ion: 42 Resp: 19213

Ion Ratio Lower Upper

42 100

72 47.2 36.3 54.5

71 41.4 33.2 49.8



#30

Chloroform

Concen: 1.070 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013597.D

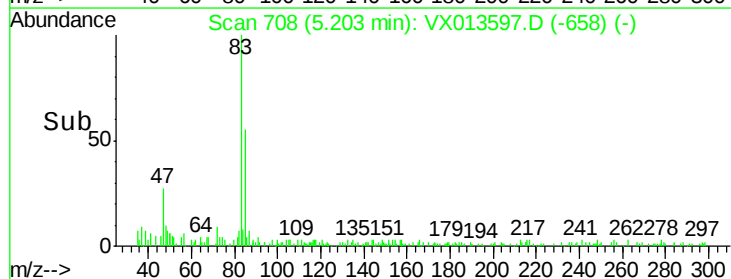
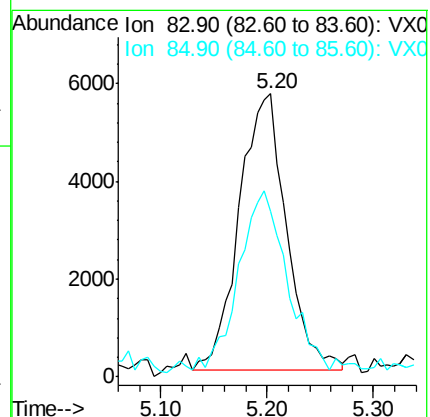
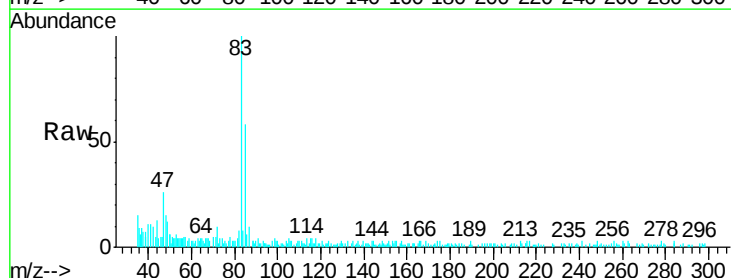
Acq: 26 Nov 2019 13:32

Tgt Ion: 83 Resp: 17599

Ion Ratio Lower Upper

83 100

85 57.5 50.2 75.4

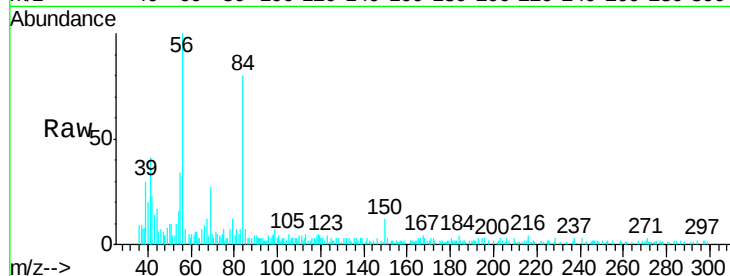




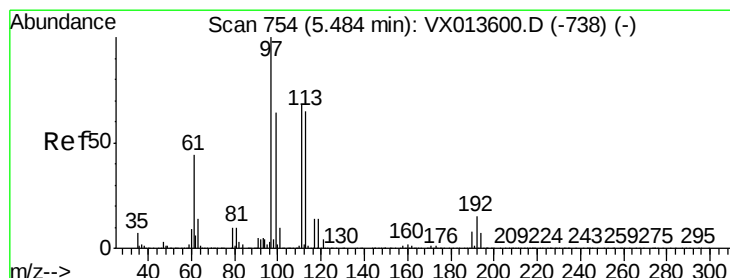
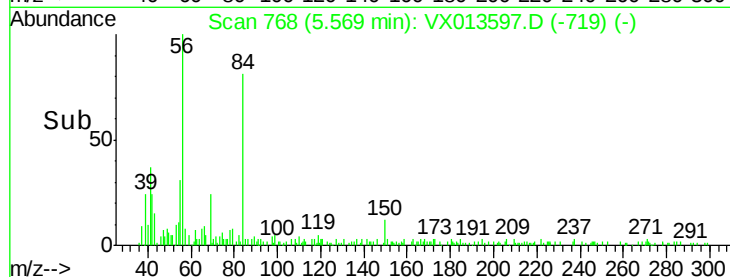
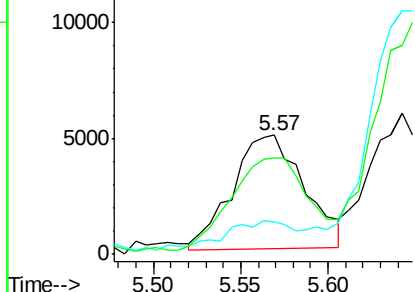
#31
Cyclohexane
Concen: 0.922 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 13951
Ion Ratio Lower Upper
56 100
69 24.2 24.6 36.8#
84 87.0 70.0 105.0

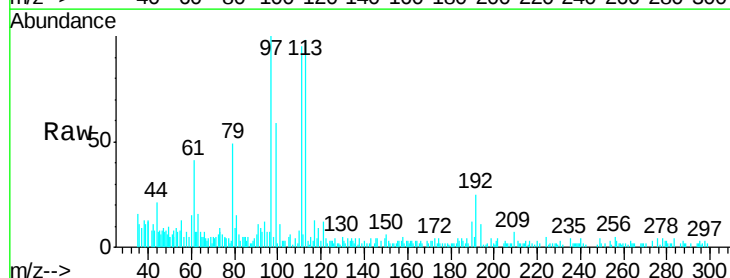


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

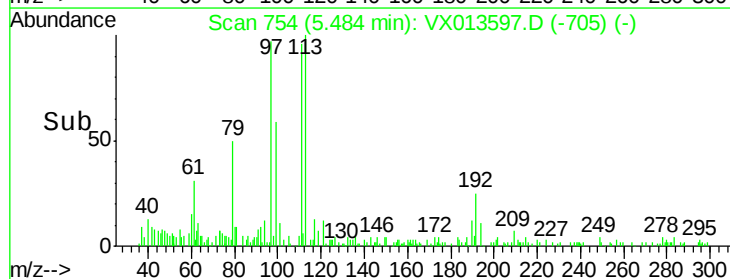
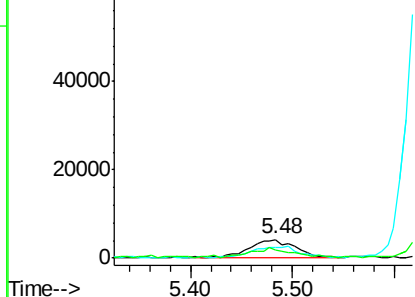


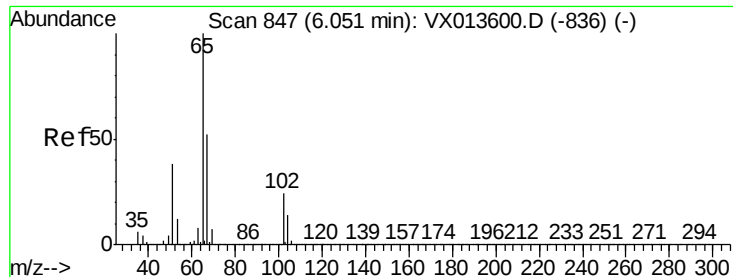
#32
1,1,1-Trichloroethane
Concen: 0.969 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion: 97 Resp: 13680
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4#
61 41.8 36.1 54.1



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





#33

1,2-Dichloroethane-d4

Concen: 1.482 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

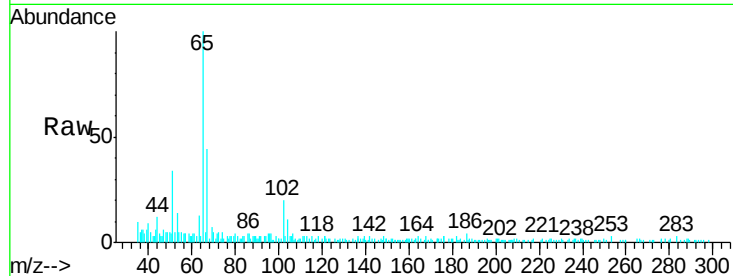
VSTDIC001

Tgt Ion: 65 Resp: 16141

Ion Ratio Lower Upper

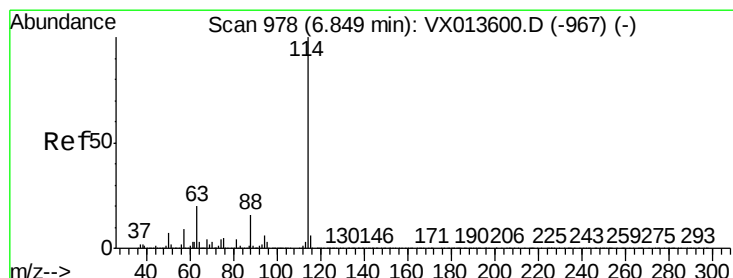
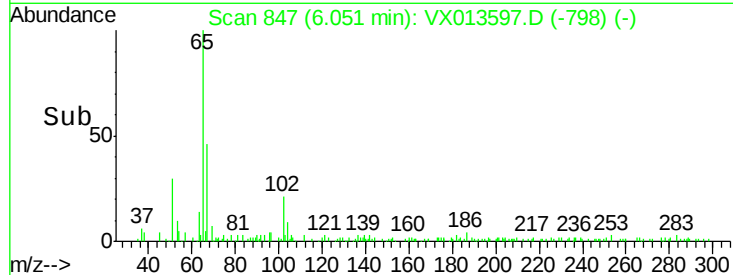
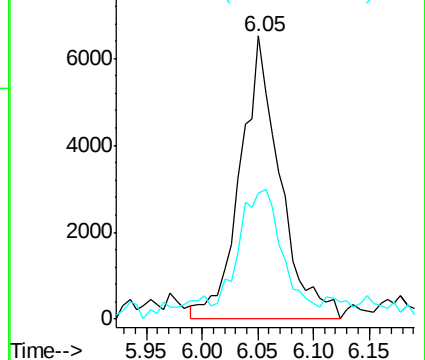
65 100

67 44.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

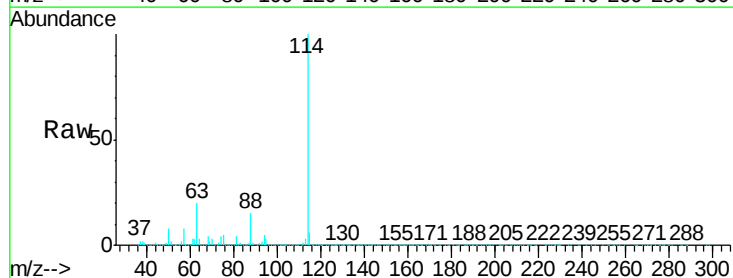
Tgt Ion: 114 Resp: 1381091

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

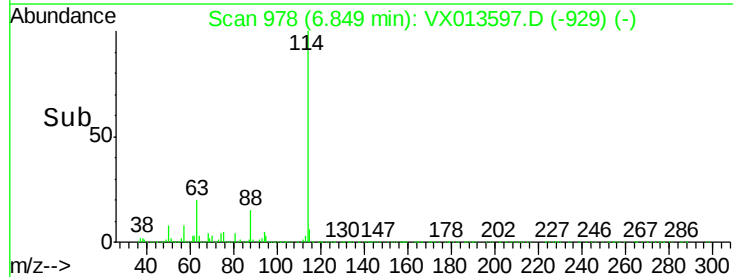
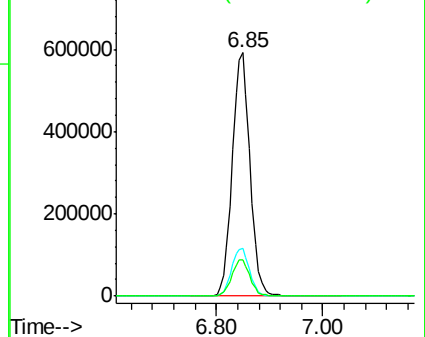
88 14.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.547 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

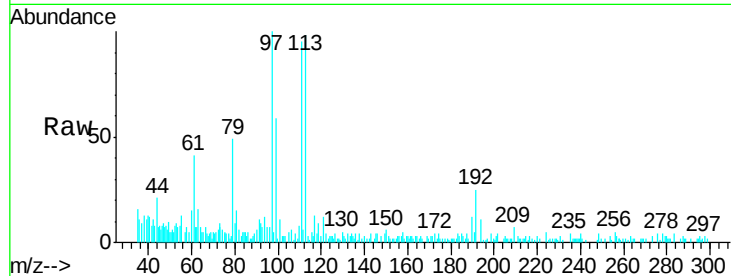
Tgt Ion: 113 Resp: 13236

Ion Ratio Lower Upper

113 100

111 98.8 83.6 125.4

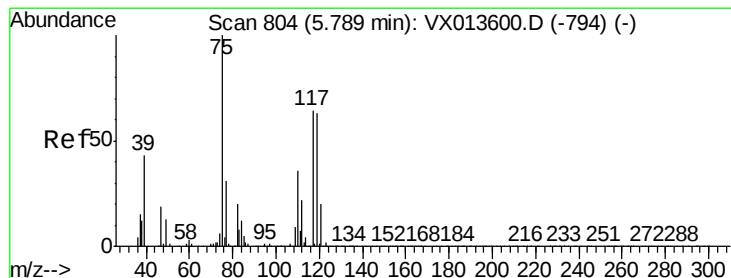
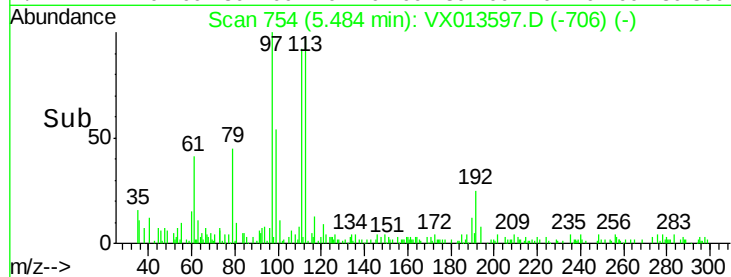
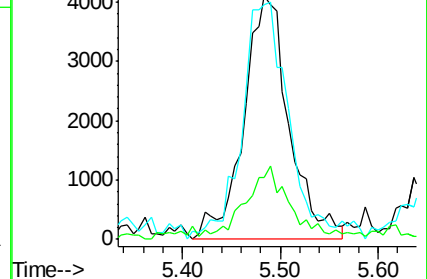
192 24.8 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.995 ug/l

RT: 5.80 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

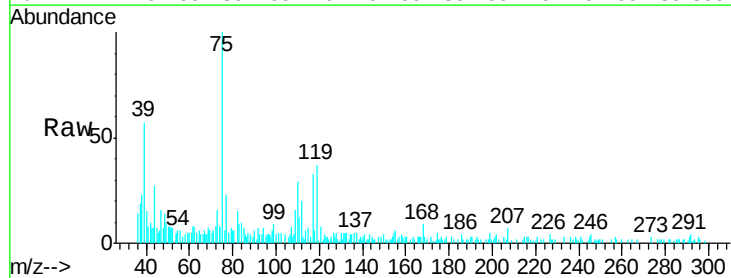
Tgt Ion: 75 Resp: 11742

Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.1

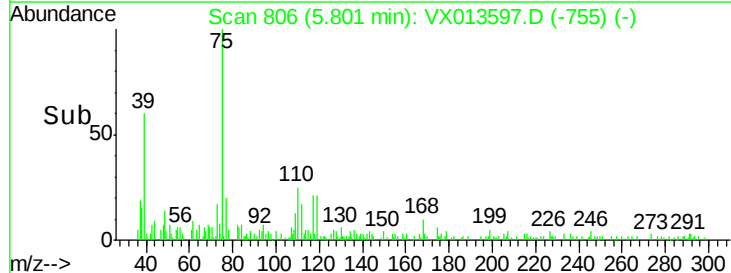
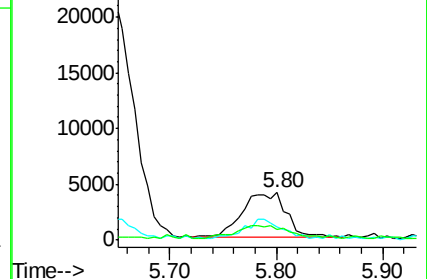
77 38.8 24.5 36.7#

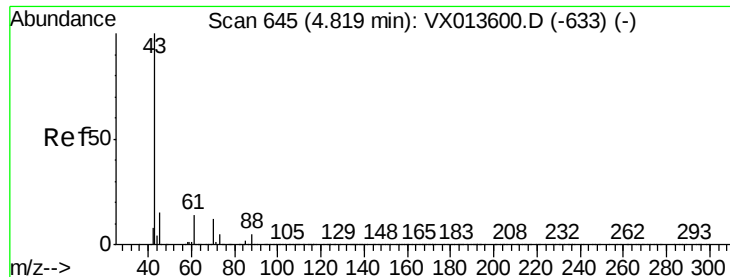


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

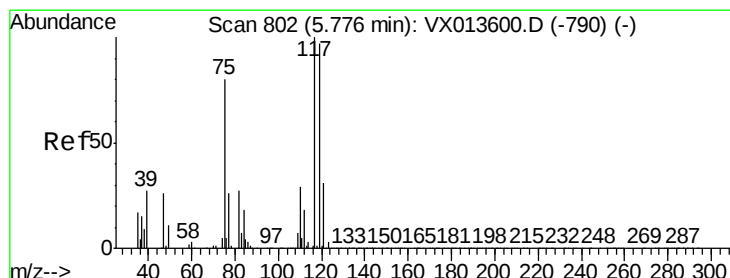
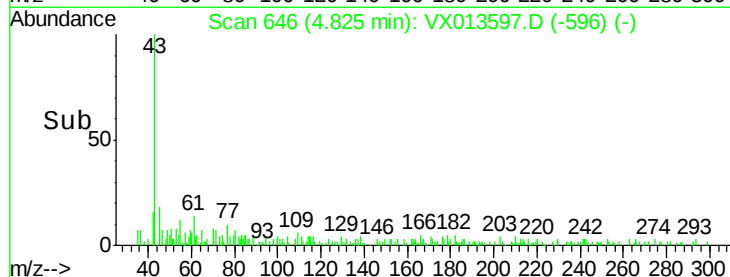
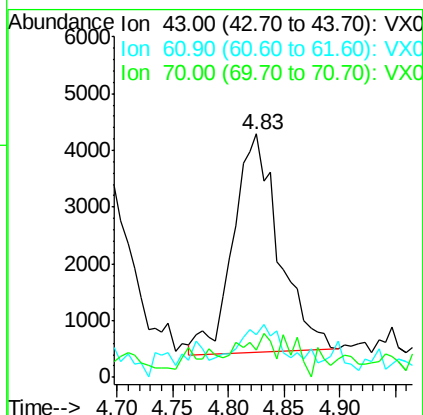
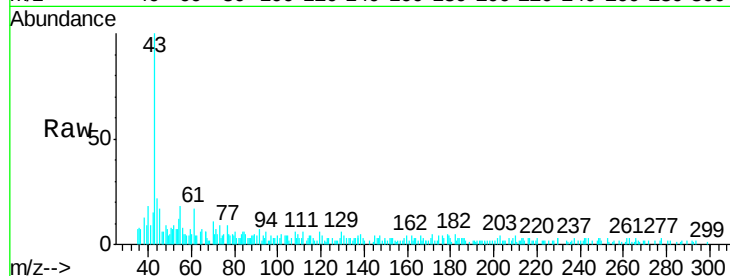




#37
Ethyl Acetate
Concen: 0.759 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

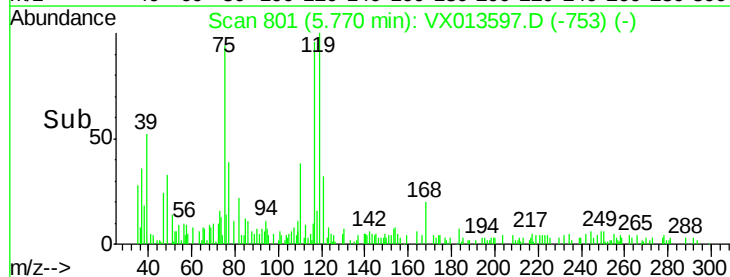
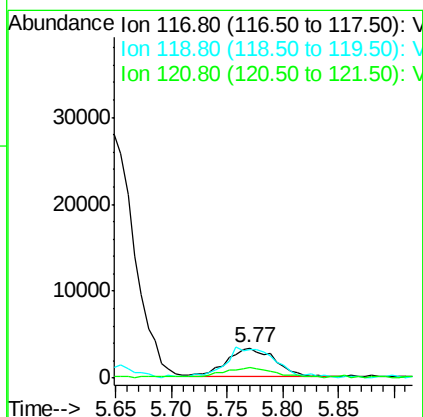
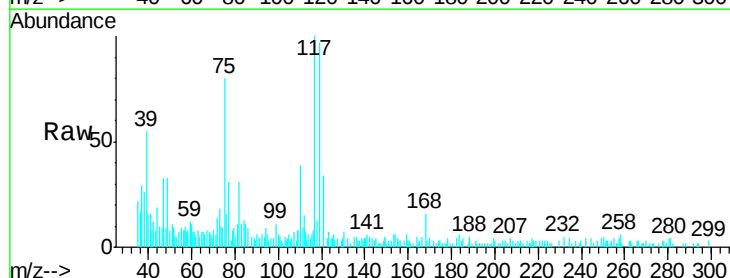
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

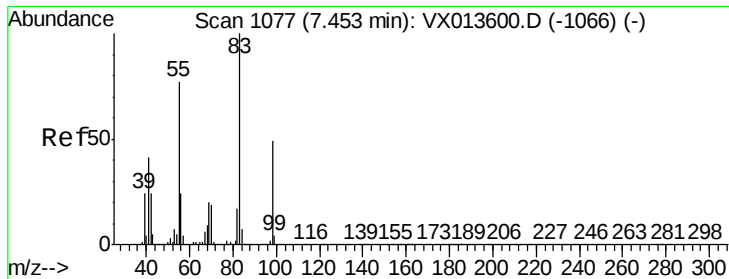
Tgt Ion:	43	Resp:	10984
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	12.7	8.6	12.8



#38
Carbon Tetrachloride
Concen: 0.873 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion:	117	Resp:	10007
Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.5	116.3
121	27.9	25.0	37.6

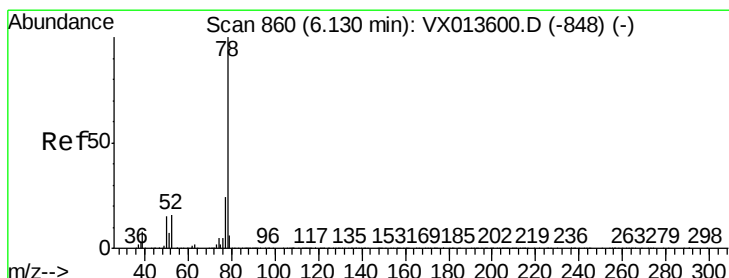
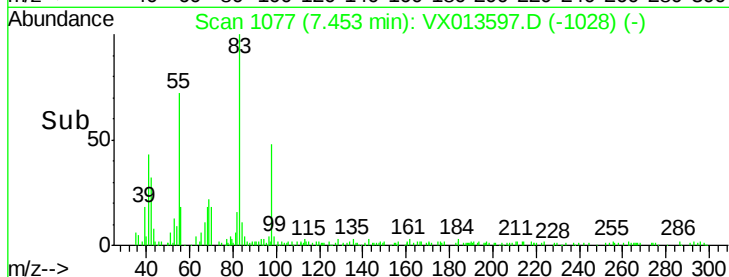
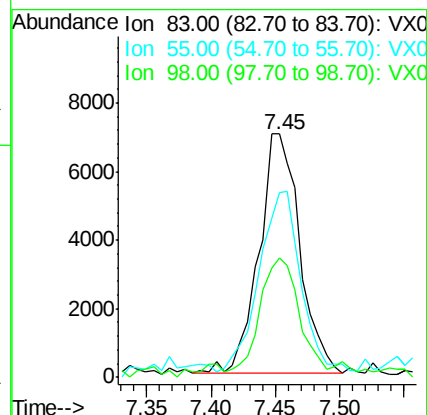
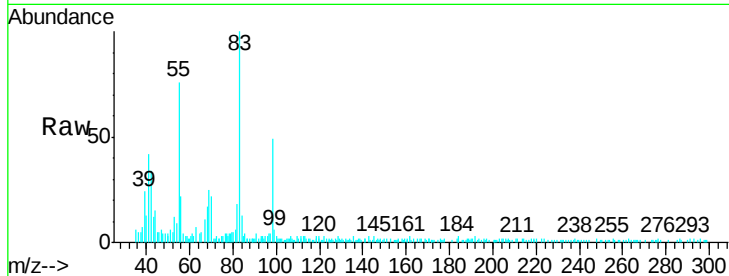




#39
Methylcyclohexane
Concen: 1.038 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

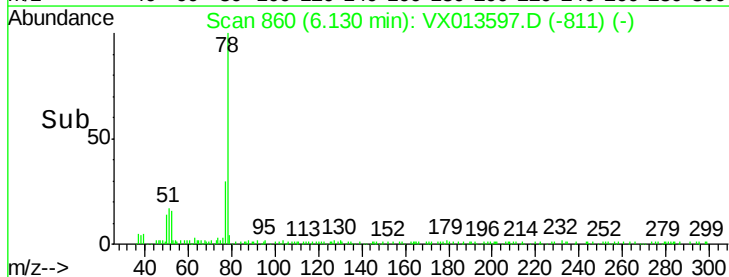
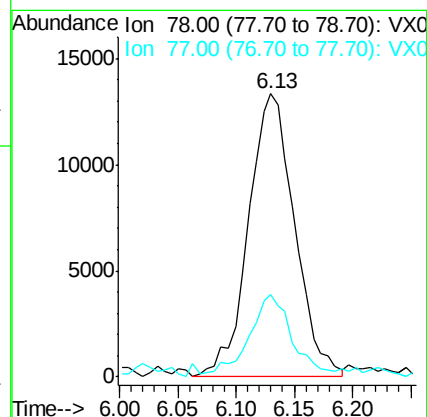
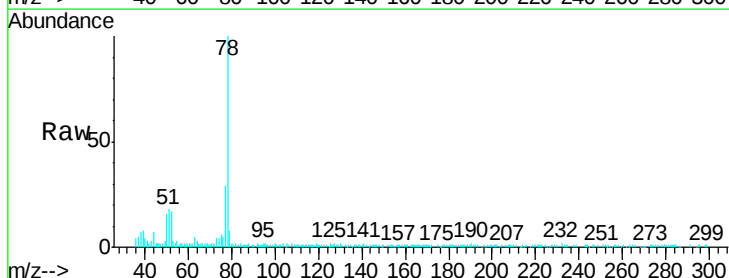
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

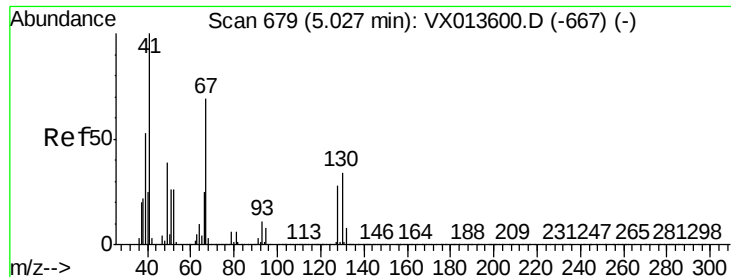
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.1	61.9	92.9
98	47.7	39.4	59.0



#40
Benzene
Concen: 1.002 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.8	19.0	28.4

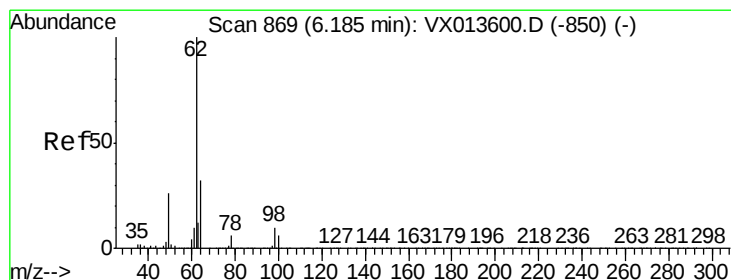
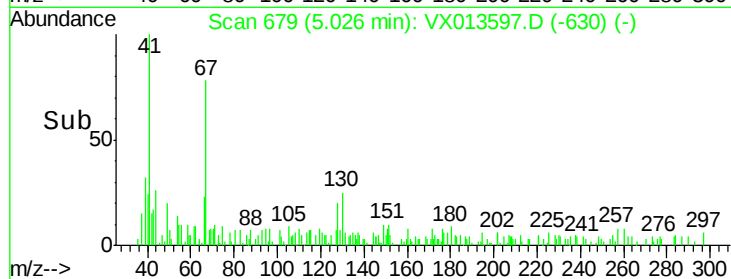
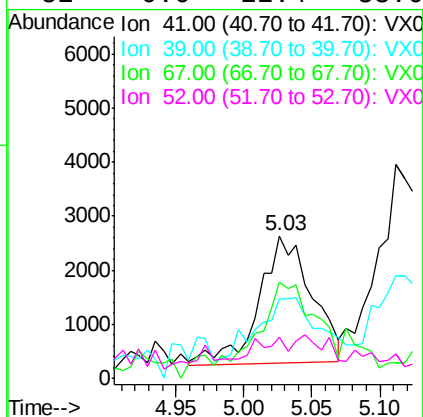
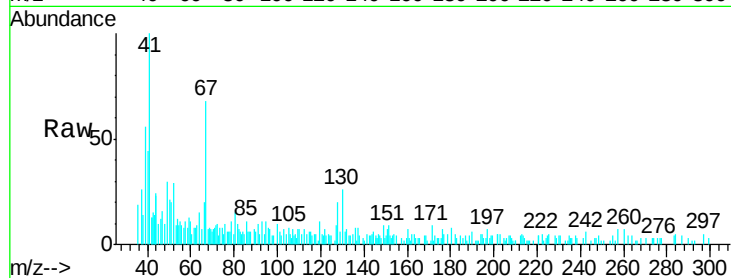




#41
Methacrylonitrile
Concen: 0.784 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

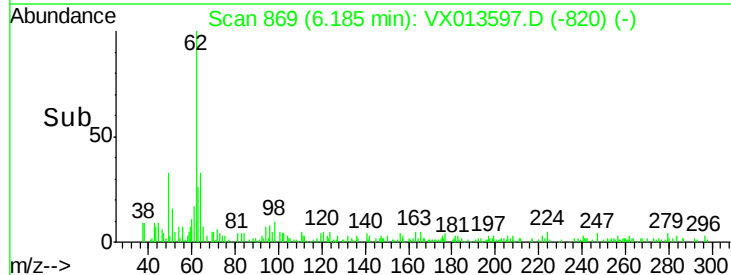
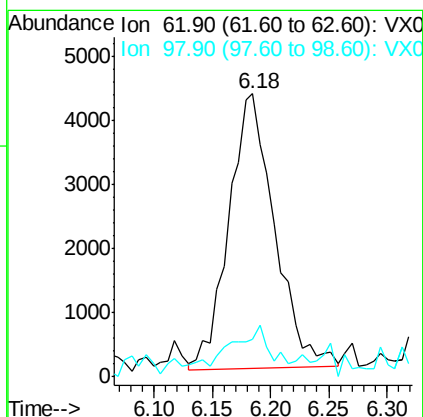
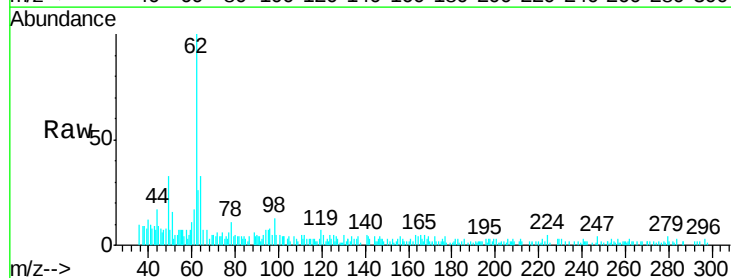
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

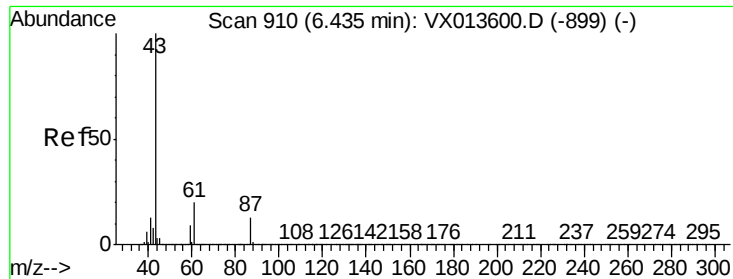
Tgt Ion:	41	Resp:	6361
Ion	Ratio	Lower	Upper
41	100		
39	87.9	42.9	64.3#
67	65.0	57.4	86.0
52	0.0	22.4	33.6#



#42
1,2-Dichloroethane
Concen: 0.898 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion:	62	Resp:	11764
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	20.8





#43

Isopropyl Acetate

Concen: 0.891 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

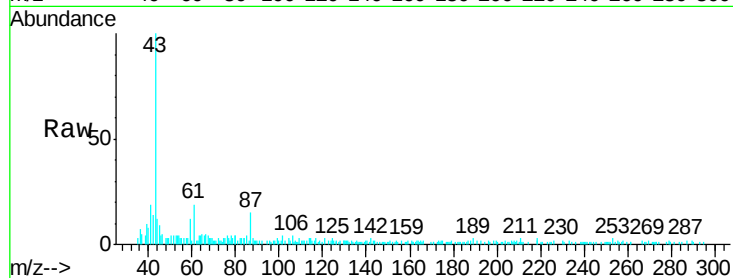
Tgt Ion: 43 Resp: 20110

Ion Ratio Lower Upper

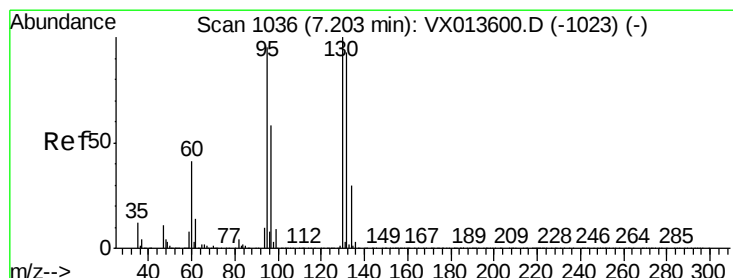
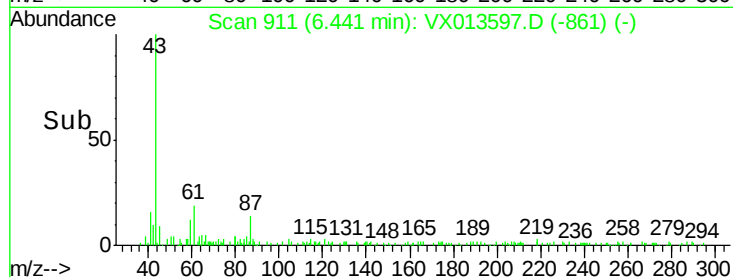
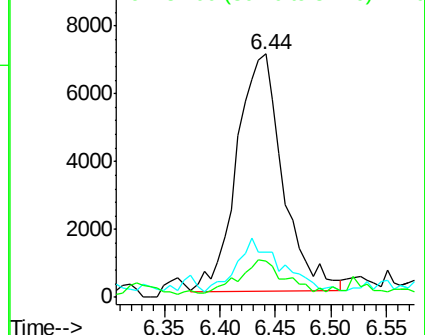
43 100

61 22.2 16.3 24.5

87 14.3 10.8 16.2



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: 1.047 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013597.D

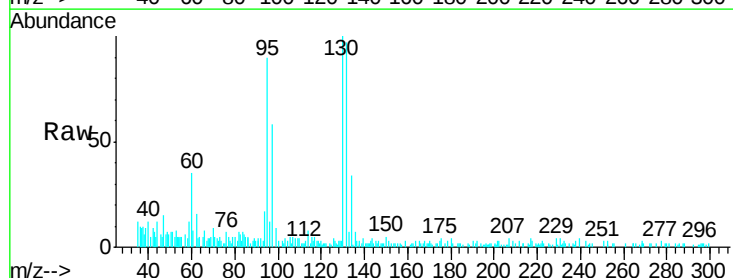
Acq: 26 Nov 2019 13:32

Tgt Ion: 130 Resp: 10624

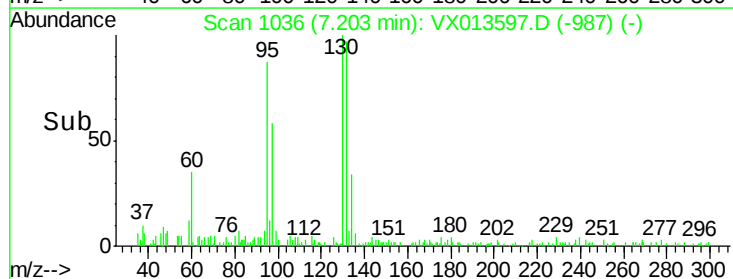
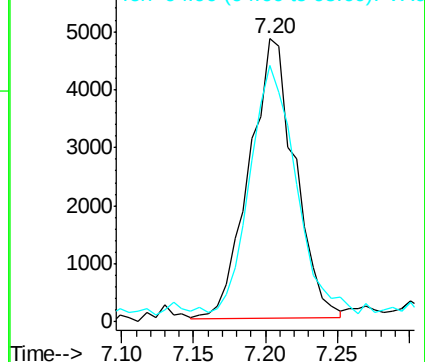
Ion Ratio Lower Upper

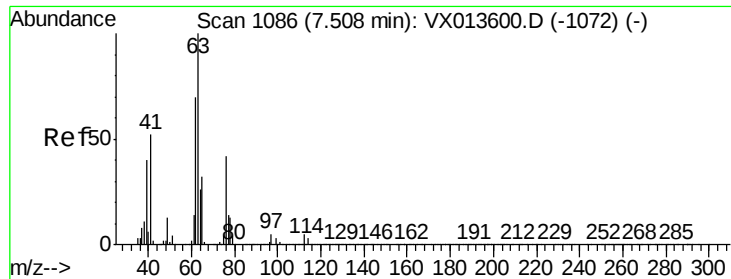
130 100

95 90.4 0.0 190.8



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





#45

1,2-Dichloropropane

Concen: 0.858 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

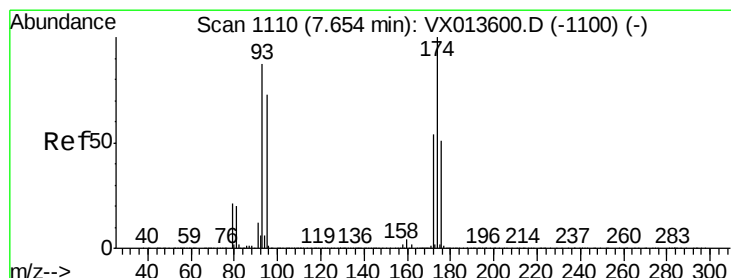
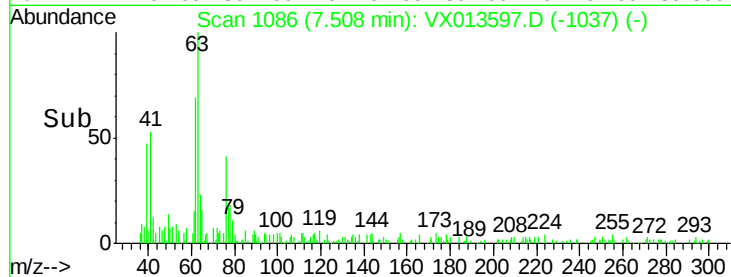
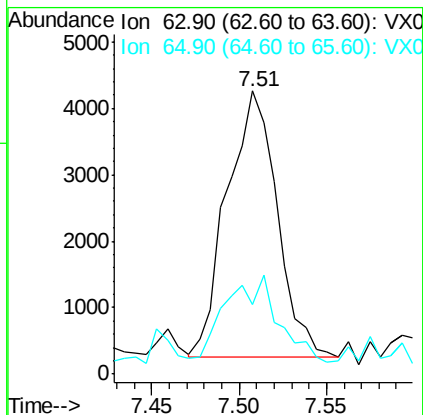
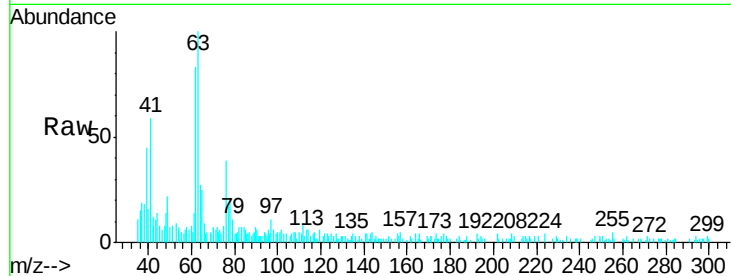
VSTDIC001

Tgt Ion: 63 Resp: 8033

Ion Ratio Lower Upper

63 100

65 20.9 25.5 38.3#



#46

Dibromomethane

Concen: 1.025 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

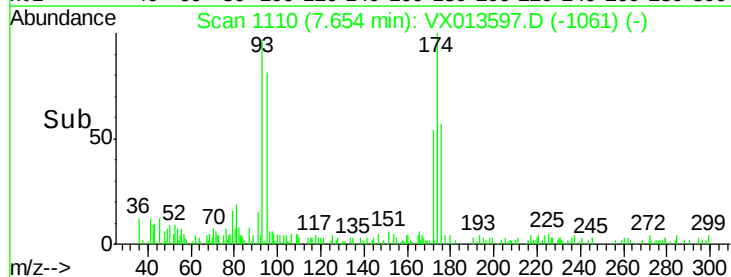
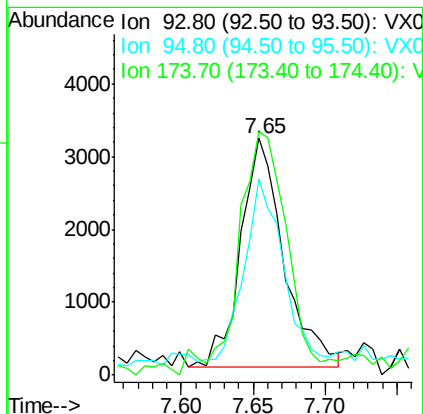
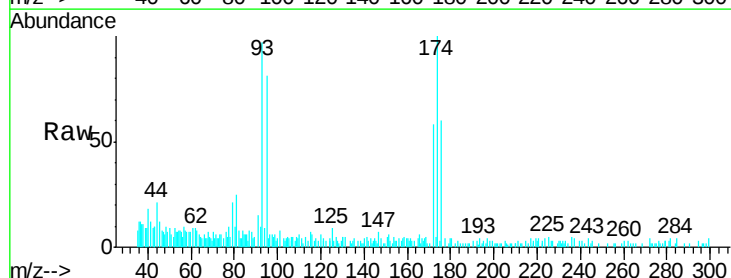
Tgt Ion: 93 Resp: 6519

Ion Ratio Lower Upper

93 100

95 69.0 66.2 99.2

174 120.7 93.4 140.0





#47

Bromodichloromethane

Concen: 0.897 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

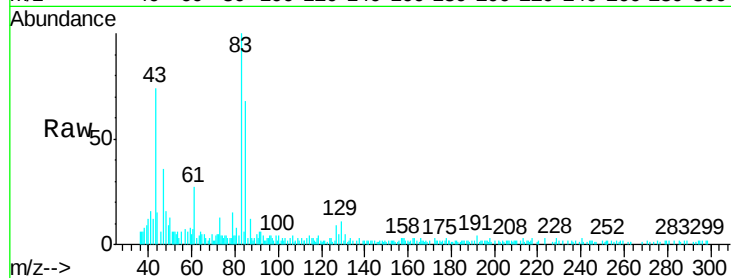
Tgt Ion: 83 Resp: 10772

Ion Ratio Lower Upper

83 100

85 67.2 52.1 78.1

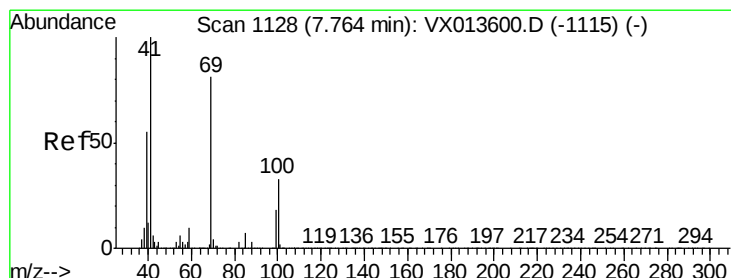
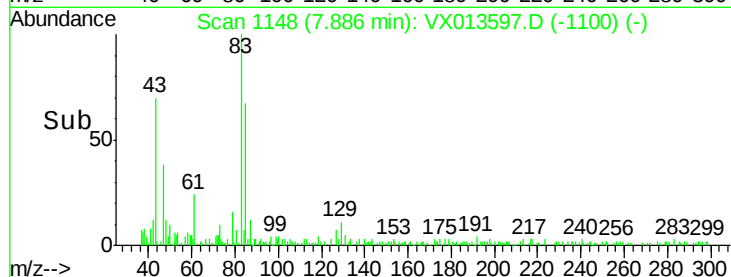
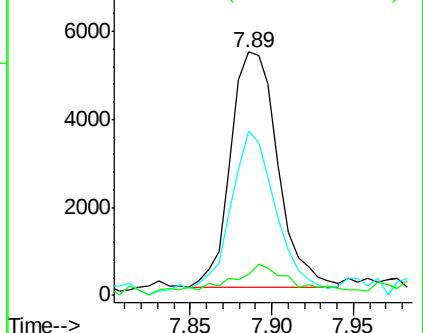
127 6.0 7.0 10.4#



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: 0.748 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

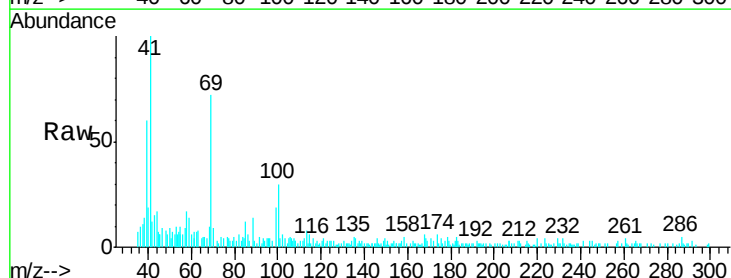
Tgt Ion: 41 Resp: 8397

Ion Ratio Lower Upper

41 100

69 88.8 64.7 97.1

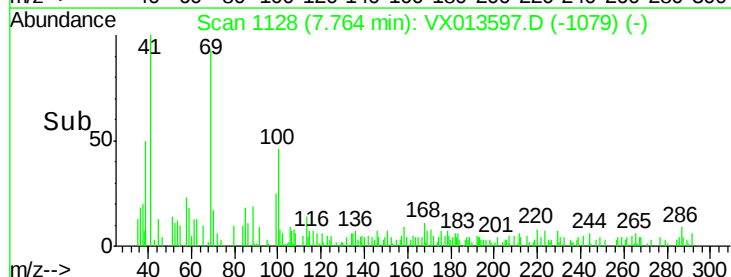
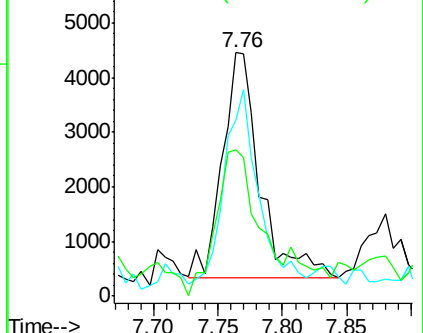
39 73.1 43.8 65.6#

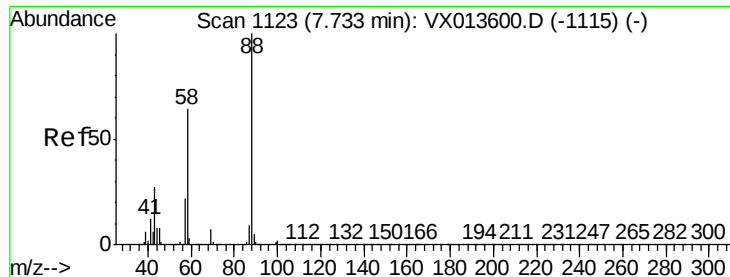


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 16.948 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

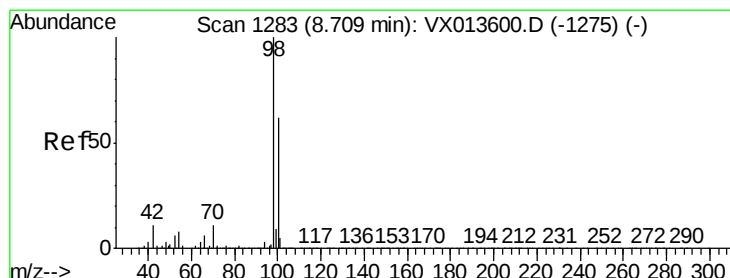
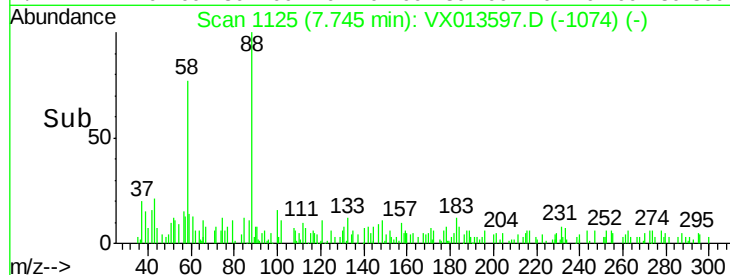
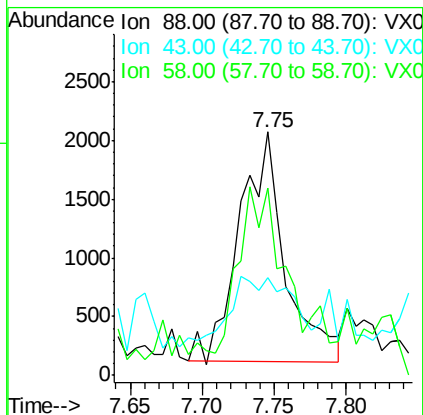
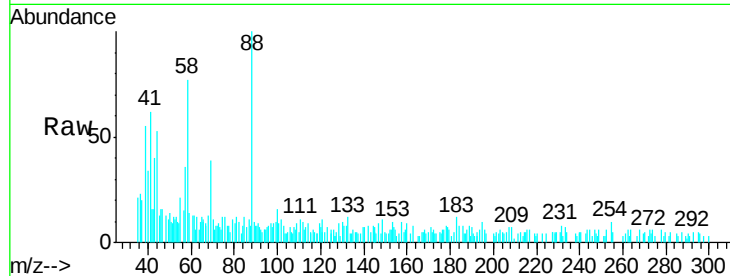
Tgt Ion: 88 Resp: 4347

Ion Ratio Lower Upper

88 100

43 21.6 25.8 38.6#

58 74.7 54.6 82.0



#50

Toluene-d8

Concen: 1.336 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013597.D

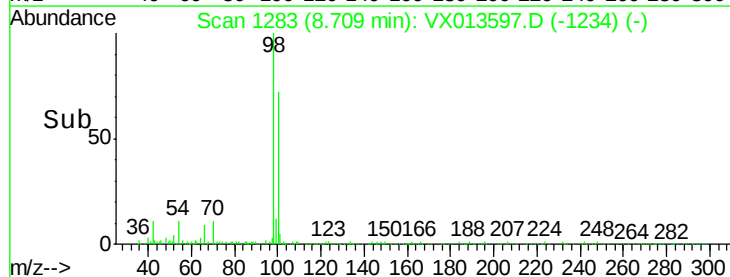
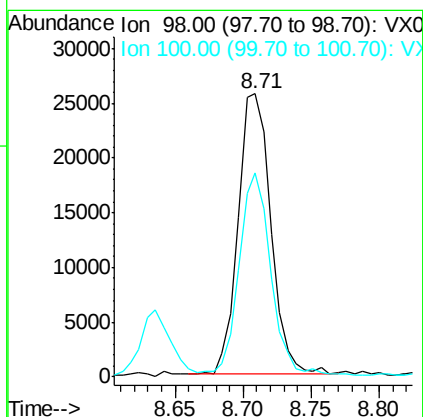
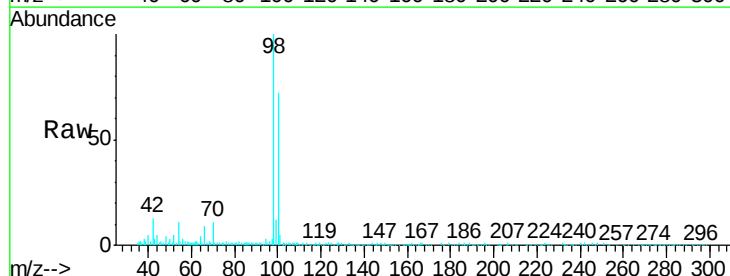
Acq: 26 Nov 2019 13:32

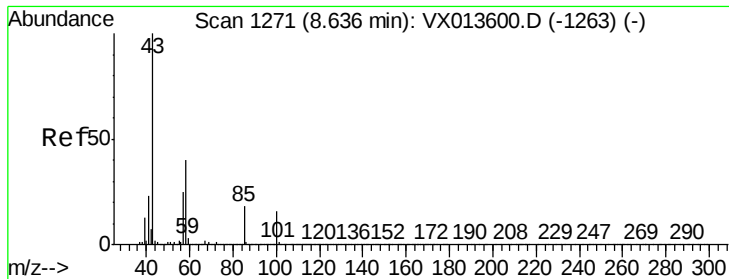
Tgt Ion: 98 Resp: 43164

Ion Ratio Lower Upper

98 100

100 70.3 53.1 79.7

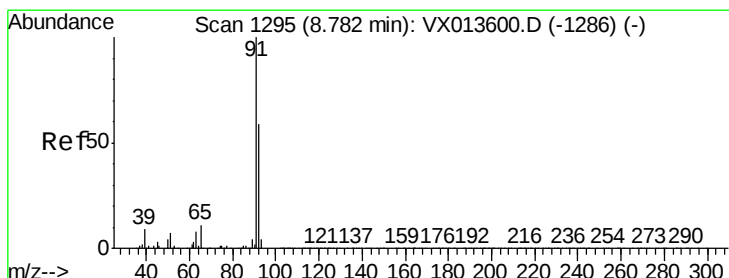
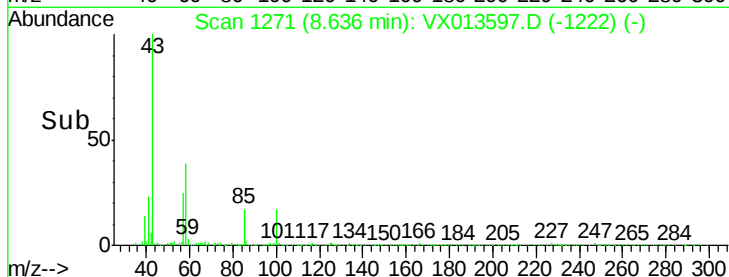
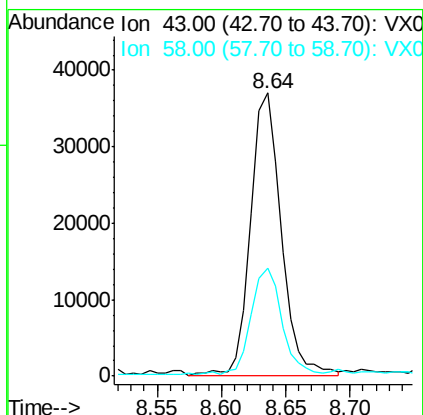
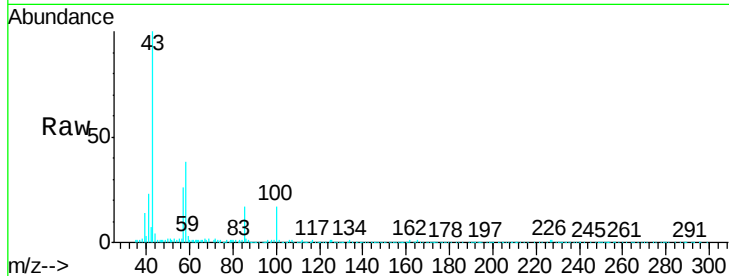




#51
 4-Methyl-2-Pentanone
 Concen: 4.140 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX013597.D
 Acq: 26 Nov 2019 13:32

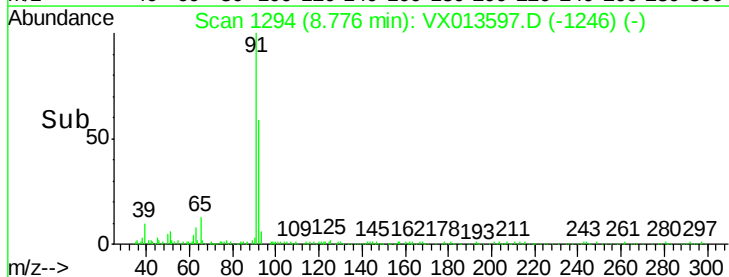
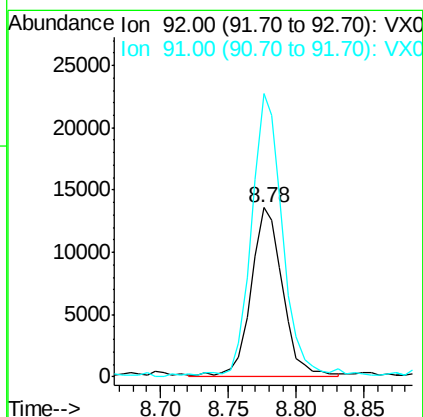
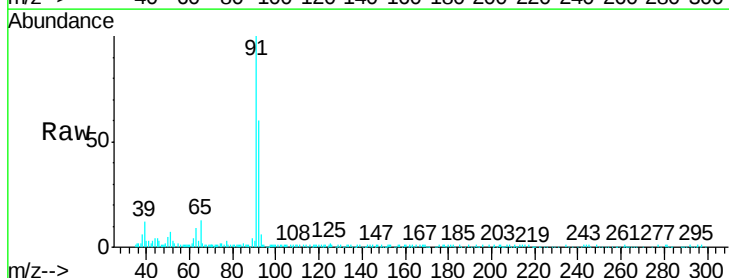
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

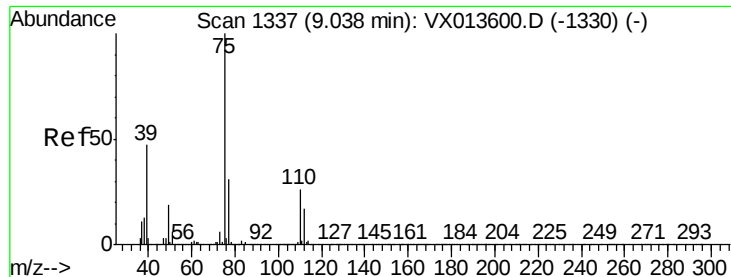
Tgt Ion: 43 Resp: 60971
 Ion Ratio Lower Upper
 43 100
 58 38.8 32.1 48.1



#52
 Toluene
 Concen: 0.959 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013597.D
 Acq: 26 Nov 2019 13:32

Tgt Ion: 92 Resp: 21864
 Ion Ratio Lower Upper
 92 100
 91 167.1 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 0.921 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

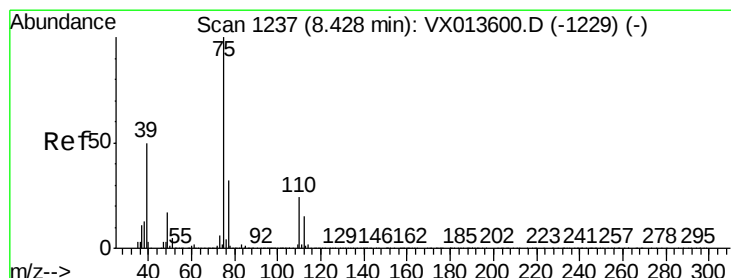
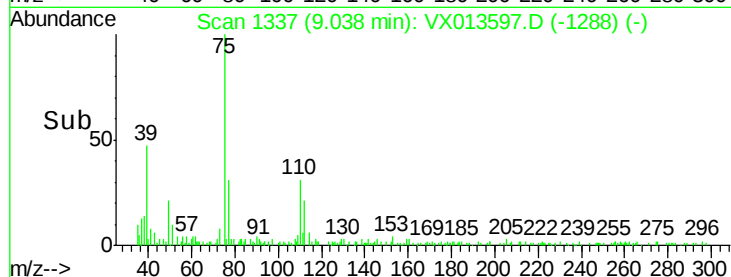
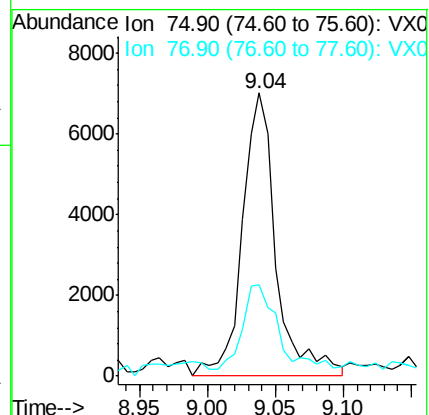
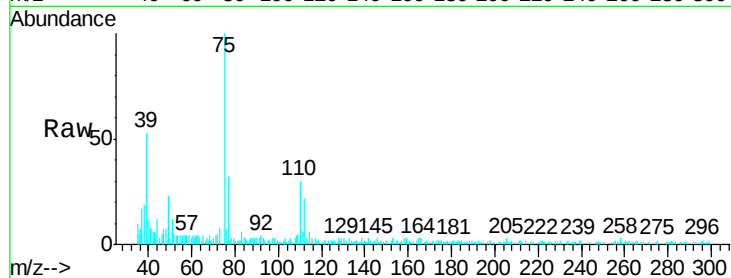
VSTDIC001

Tgt Ion: 75 Resp: 12138

Ion Ratio Lower Upper

75 100

77 29.6 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 0.862 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

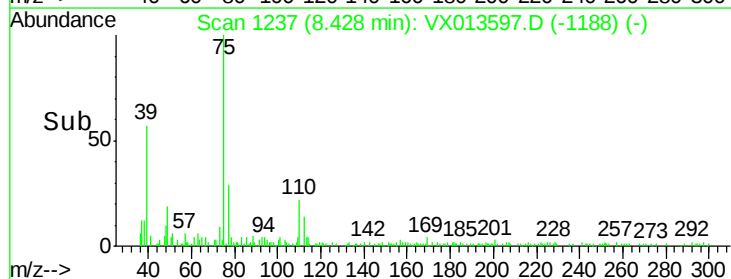
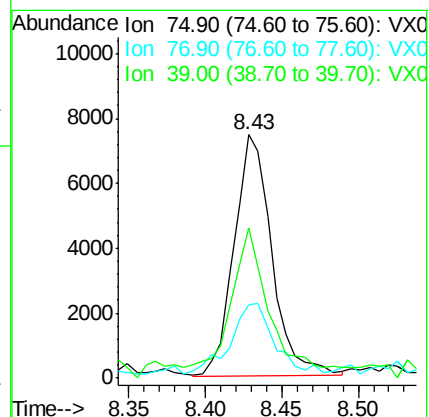
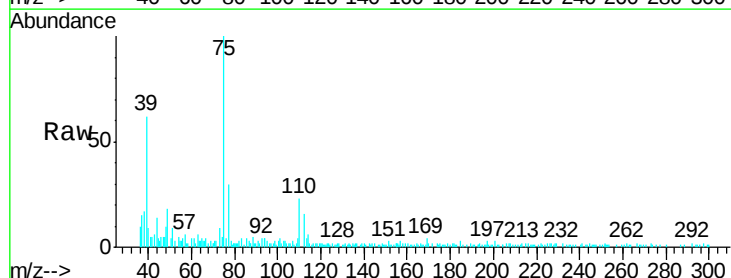
Tgt Ion: 75 Resp: 12735

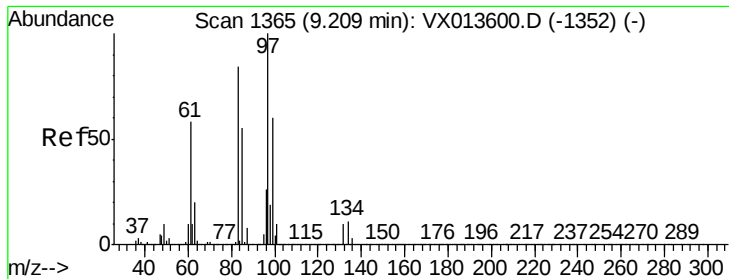
Ion Ratio Lower Upper

75 100

77 27.7 25.8 38.6

39 57.9 39.9 59.9

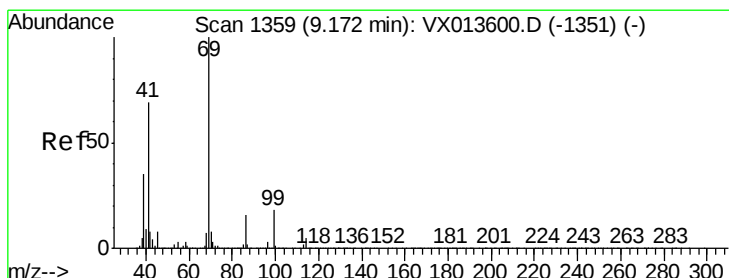
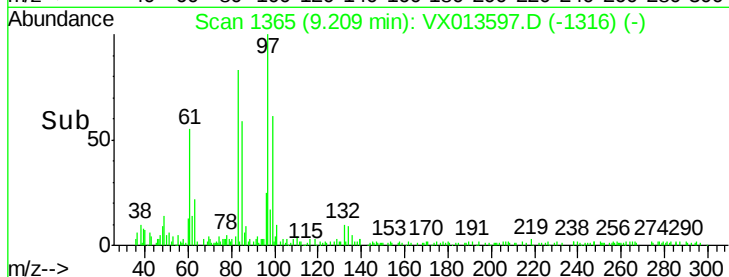
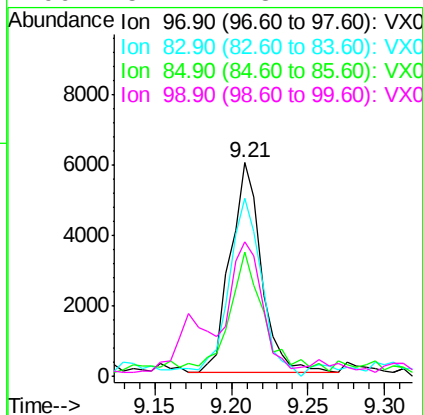
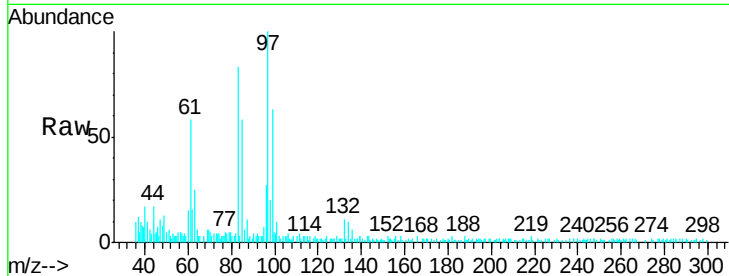




#55
 1,1,2-Trichloroethane
 Concen: 0.892 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013597.D
 Acq: 26 Nov 2019 13:32

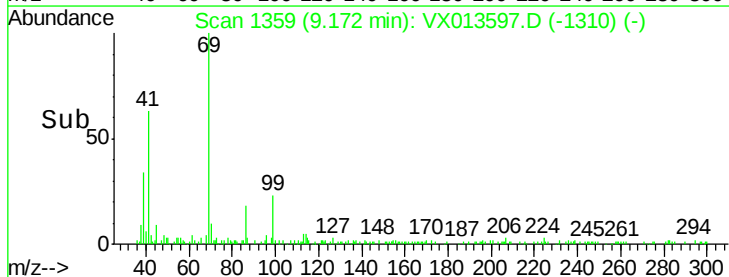
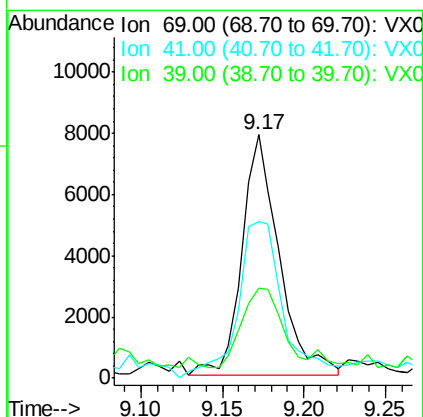
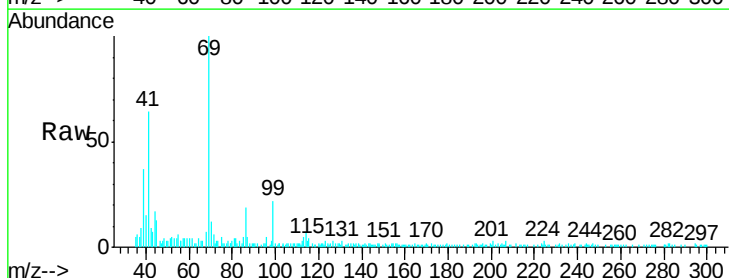
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

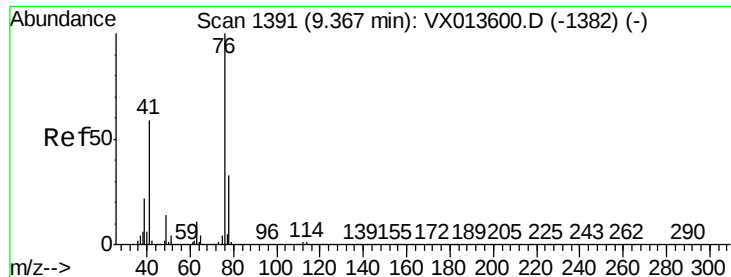
Tgt Ion:	97	Resp:	8395
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.3	100.9
85	52.9	43.6	65.4
99	57.7	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 0.860 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013597.D
 Acq: 26 Nov 2019 13:32

Tgt Ion:	69	Resp:	12527
Ion	Ratio	Lower	Upper
69	100		
41	79.6	55.0	82.4
39	35.0	28.7	43.1





#57

1,3-Dichloropropane

Concen: 0.982 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

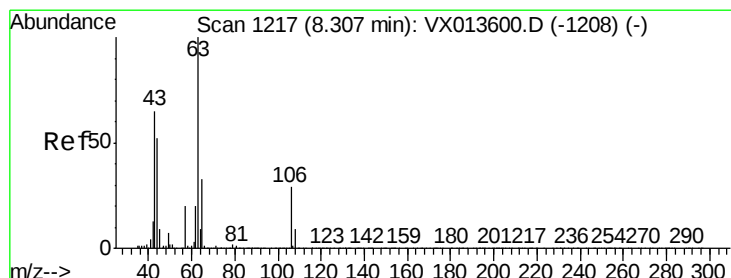
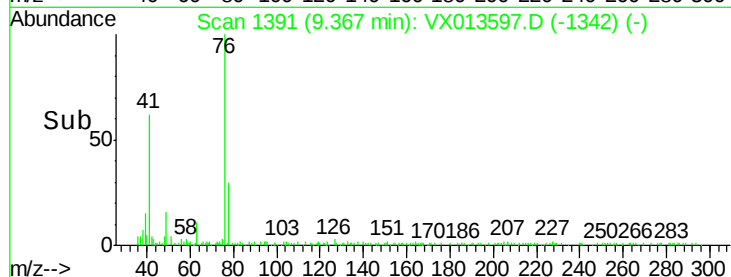
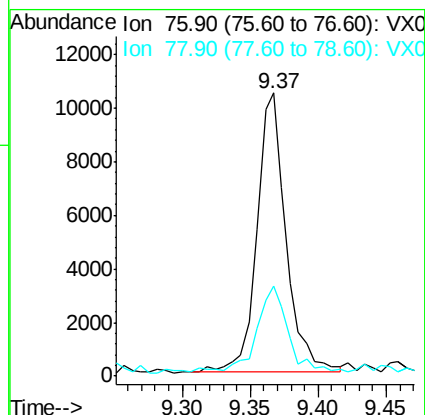
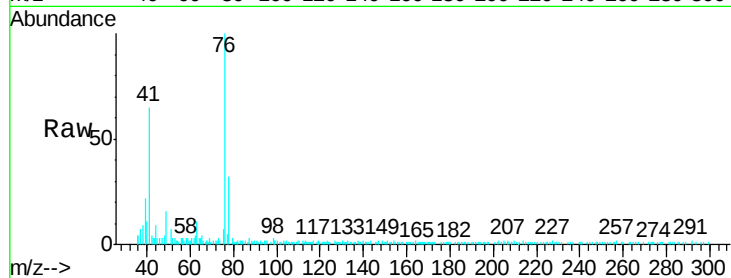
VSTDIC001

Tgt Ion: 76 Resp: 15695

Ion Ratio Lower Upper

76 100

78 33.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 3.739 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013597.D

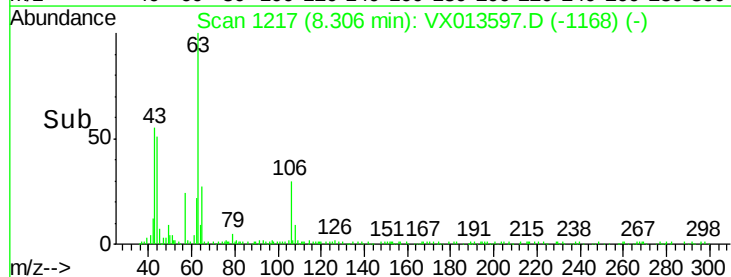
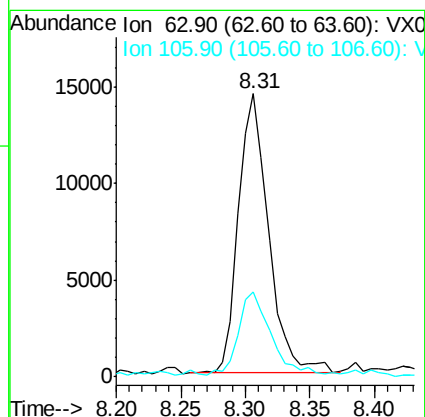
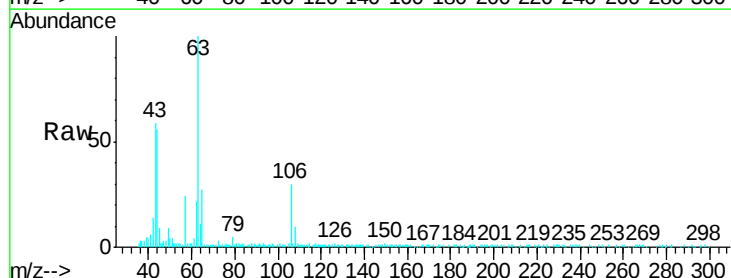
Acq: 26 Nov 2019 13:32

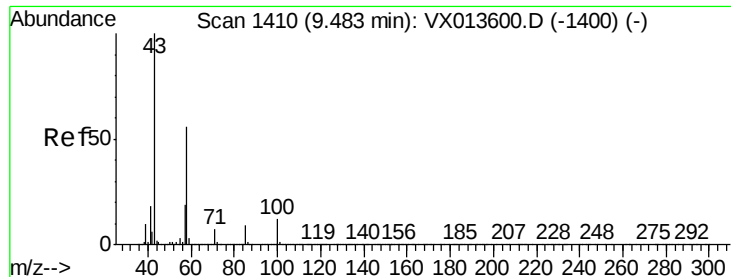
Tgt Ion: 63 Resp: 23550

Ion Ratio Lower Upper

63 100

106 32.1 23.4 35.0

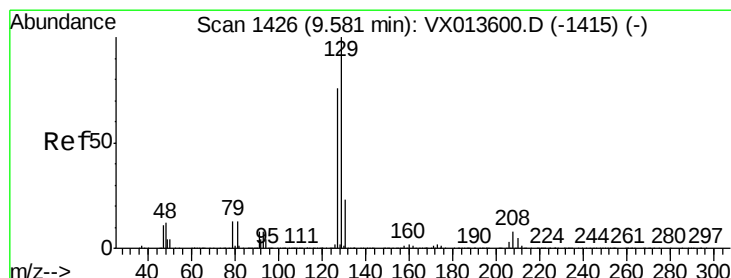
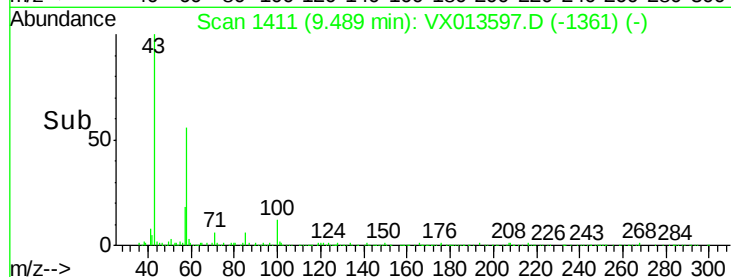
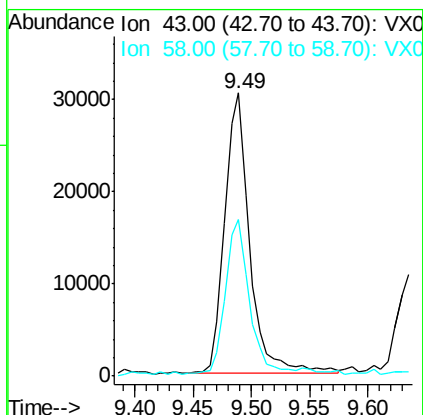
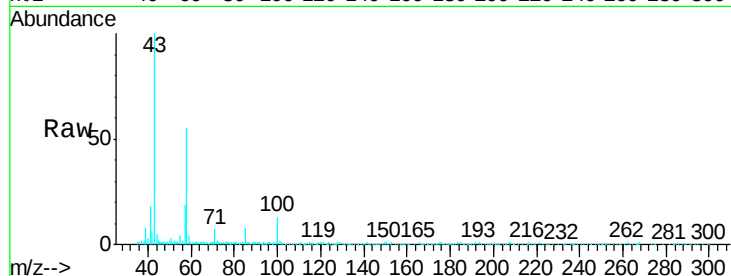




#59
2-Hexanone
Concen: 3.944 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

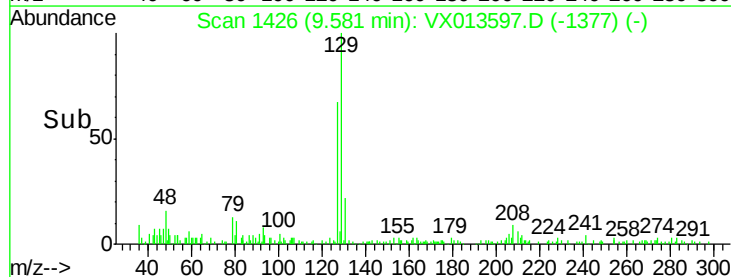
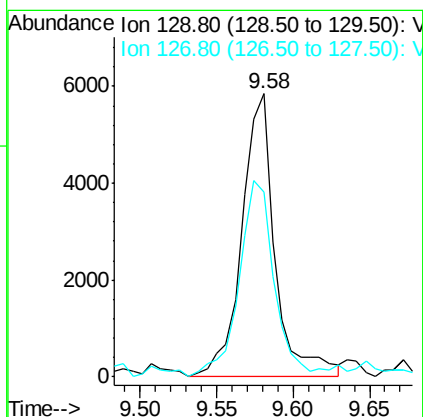
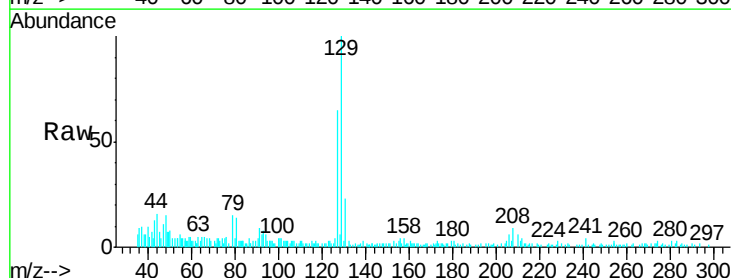
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

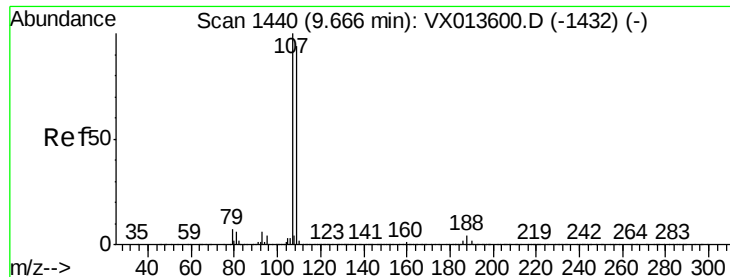
Tgt Ion: 43 Resp: 44871
Ion Ratio Lower Upper
43 100
58 52.8 28.1 84.4



#60
Dibromochloromethane
Concen: 0.918 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion: 129 Resp: 8839
Ion Ratio Lower Upper
129 100
127 73.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 0.967 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

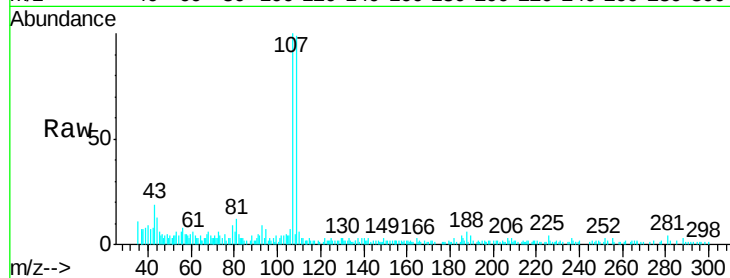
VSTDIC001

Tgt Ion: 107 Resp: 9637

Ion Ratio Lower Upper

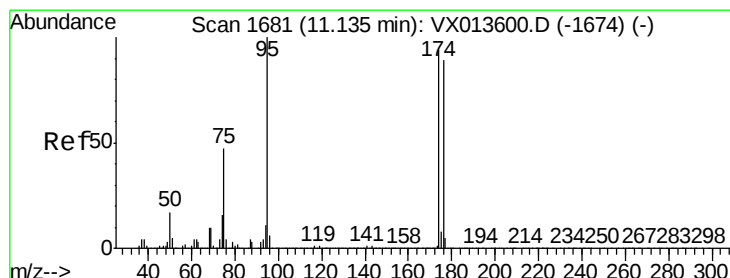
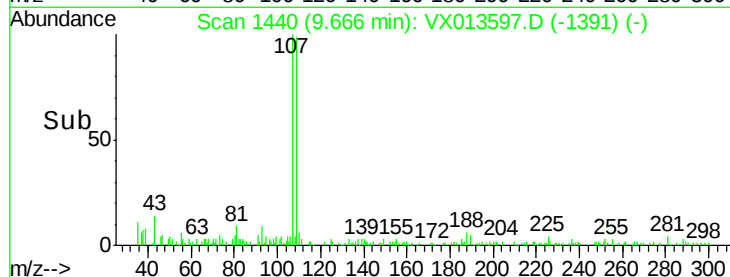
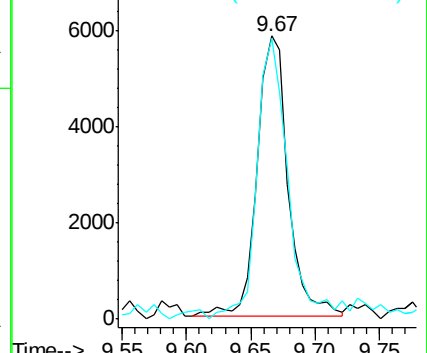
107 100

109 99.6 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.295 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

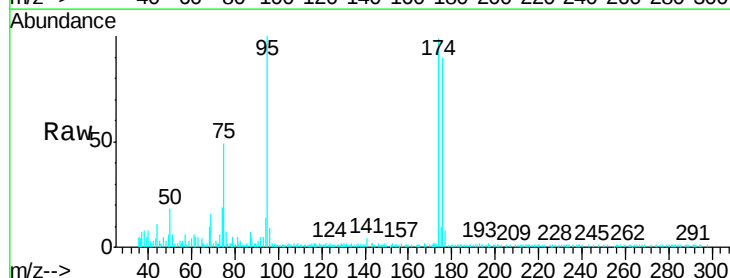
Tgt Ion: 95 Resp: 15137

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.0

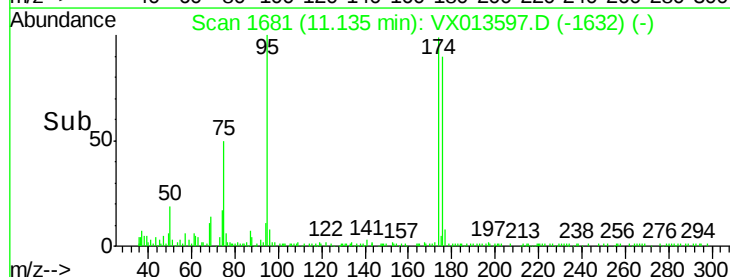
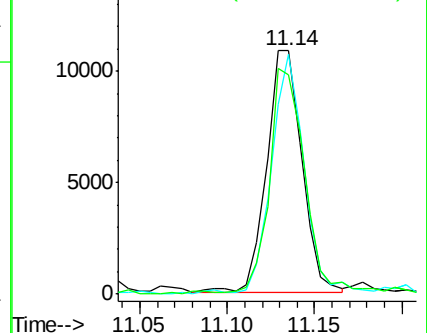
176 92.3 0.0 173.6

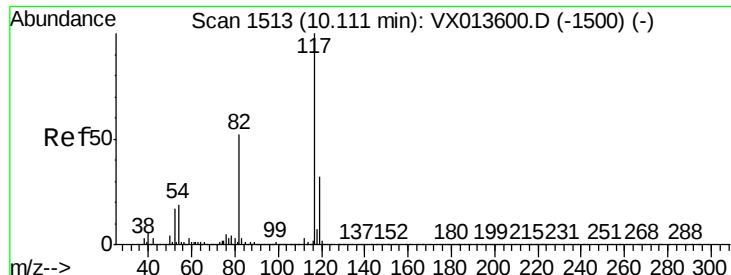


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

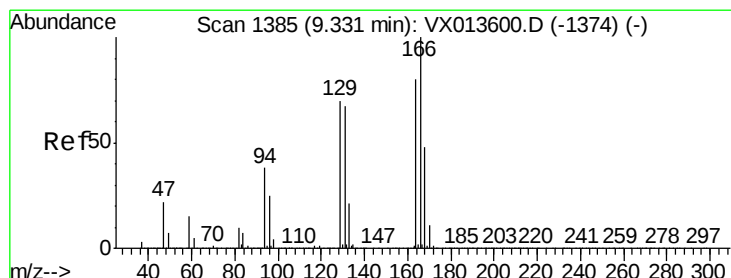
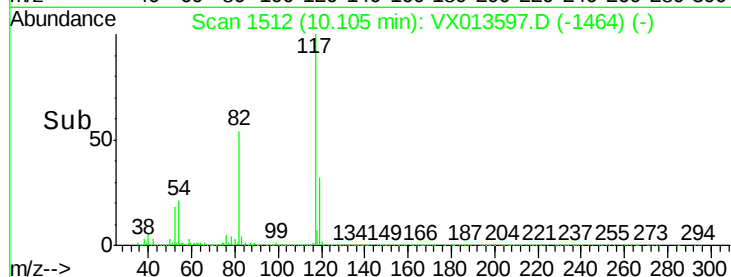
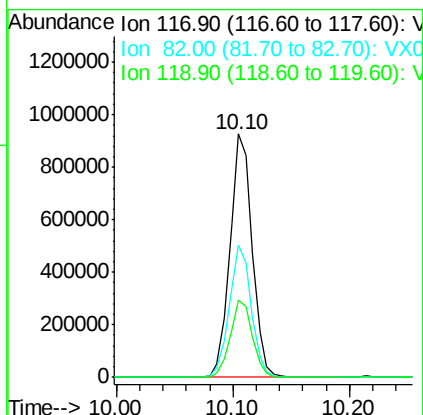
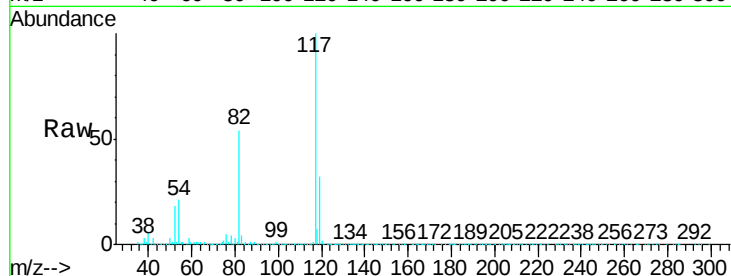




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

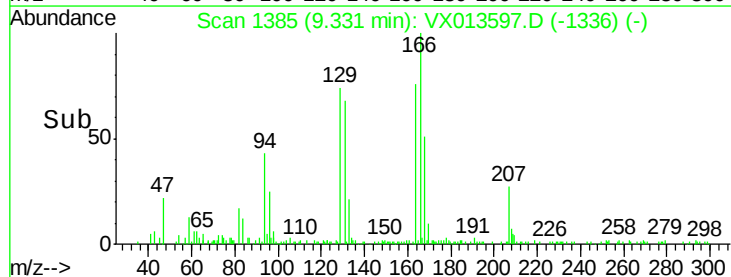
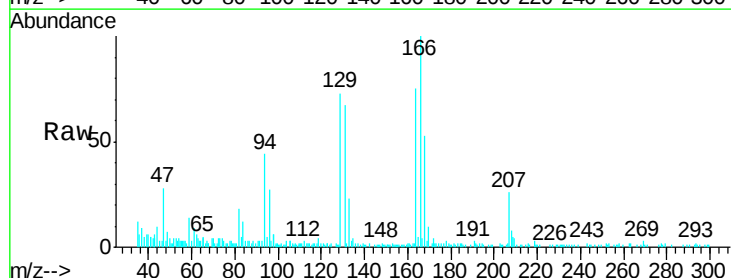
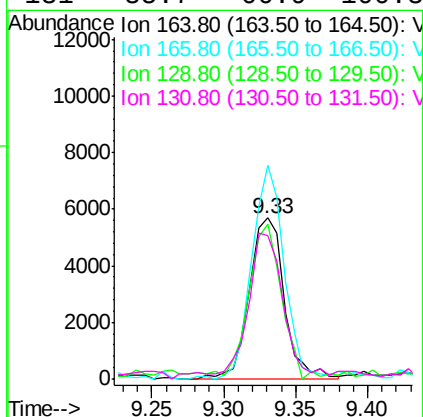
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

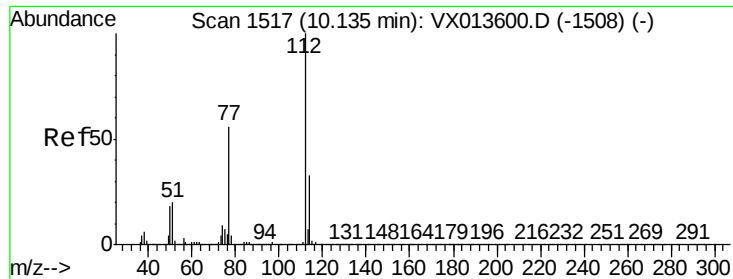
Tgt Ion:117 Resp: 1225102
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 1.094 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion:164 Resp: 9566
Ion Ratio Lower Upper
164 100
166 132.6 99.7 149.5
129 93.5 70.1 105.1
131 85.7 66.9 100.3

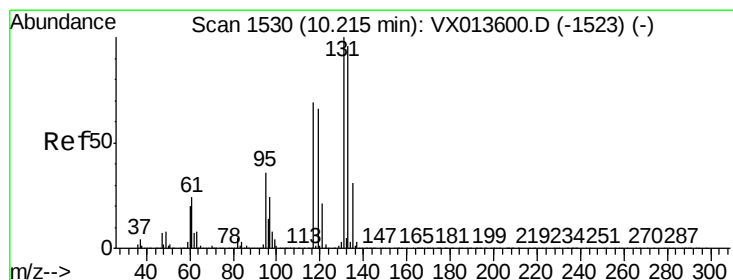
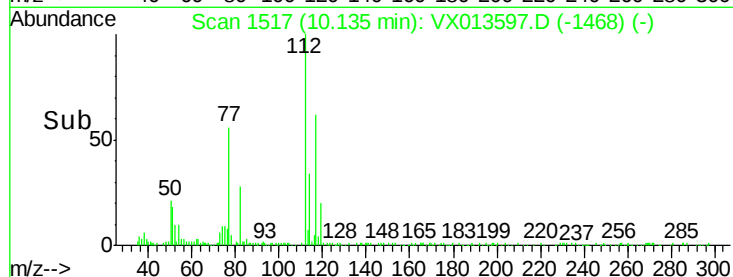
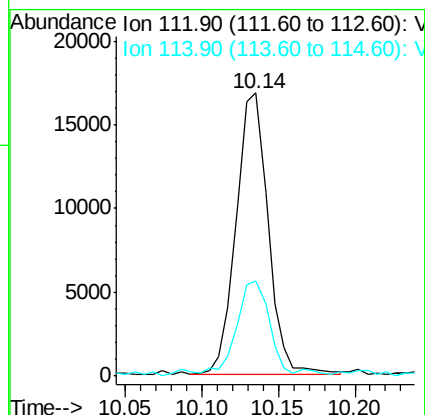
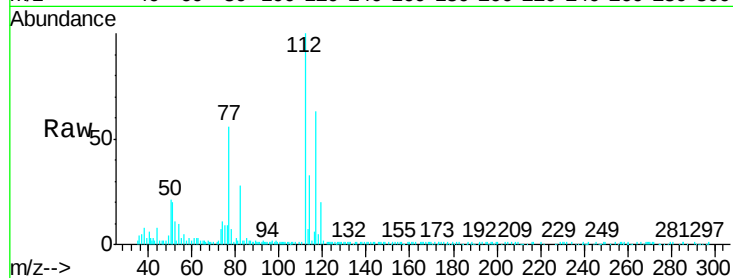




#65
Chlorobenzene
Concen: 0.991 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

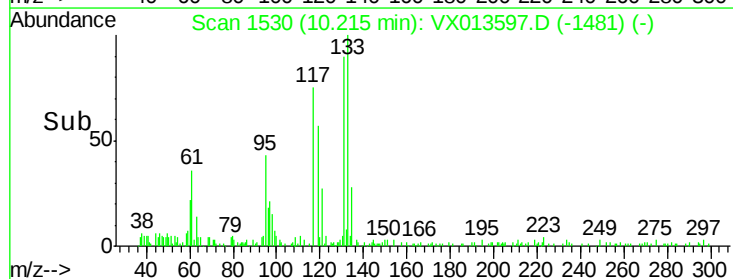
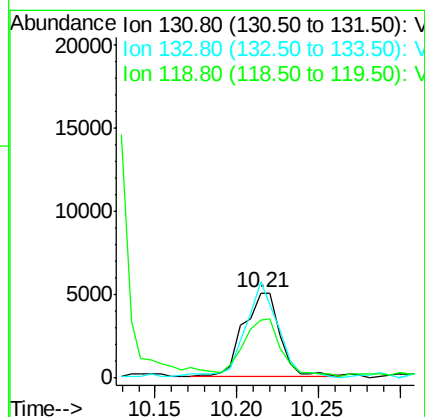
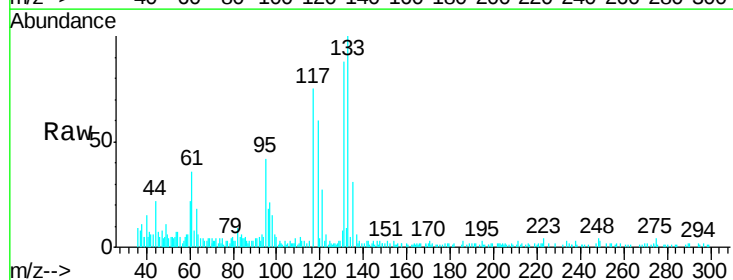
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

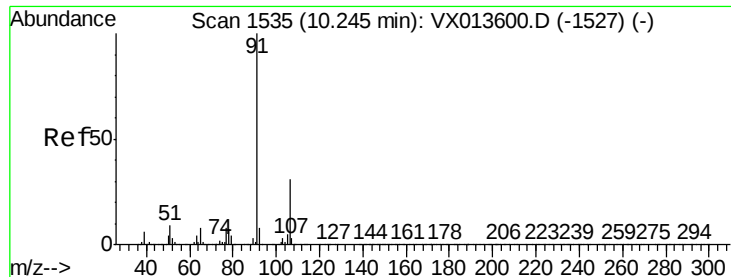
Tgt Ion:112 Resp: 24485
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 0.868 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion:131 Resp: 7863
Ion Ratio Lower Upper
131 100
133 106.9 47.7 143.1
119 0.0 32.9 98.6#





#67

Ethyl Benzene

Concen: 0.924 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

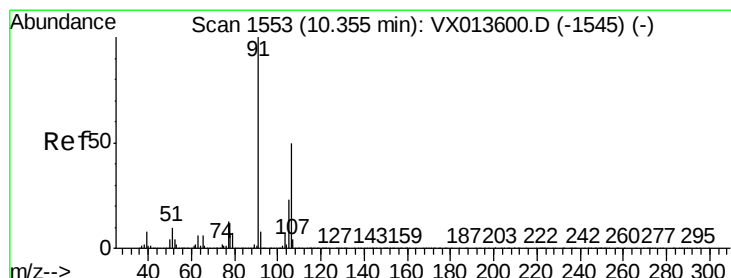
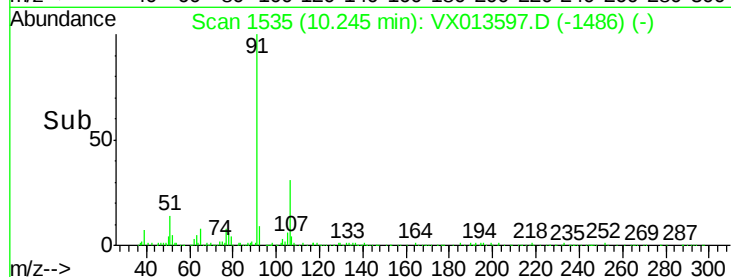
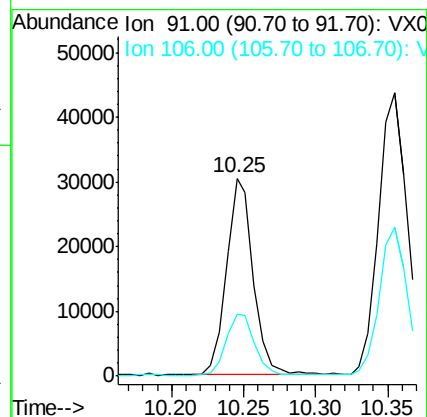
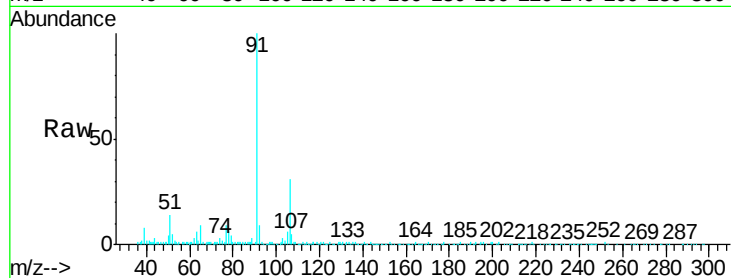
VSTDIC001

Tgt Ion: 91 Resp: 39451

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 1.899 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013597.D

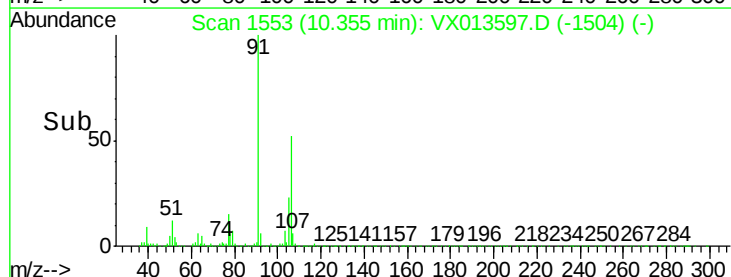
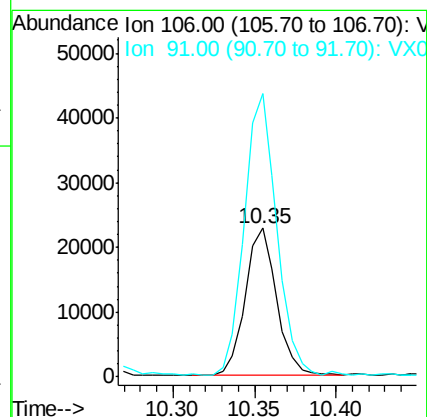
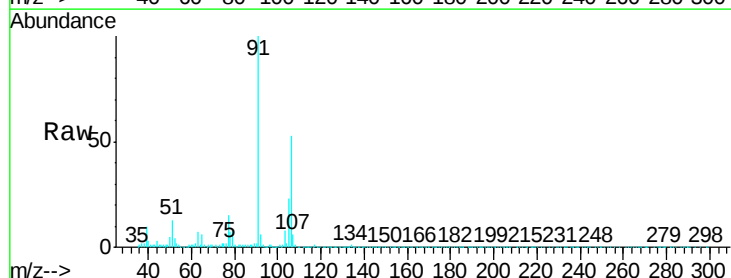
Acq: 26 Nov 2019 13:32

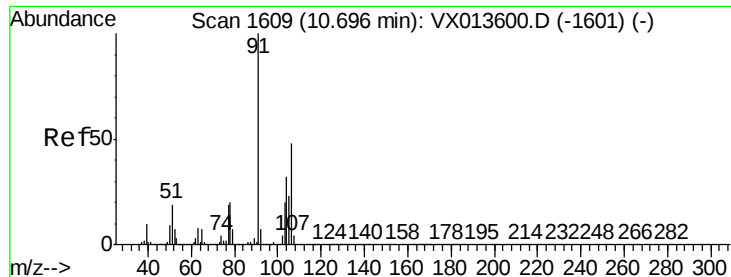
Tgt Ion: 106 Resp: 30599

Ion Ratio Lower Upper

106 100

91 196.2 159.0 238.4

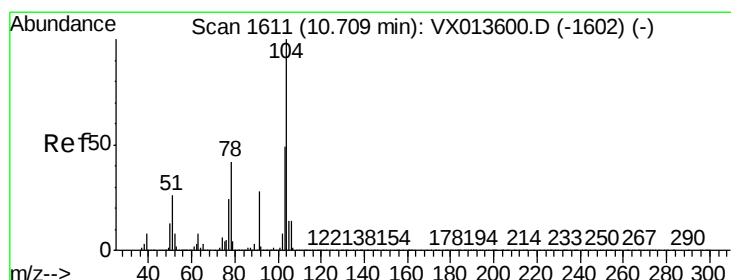
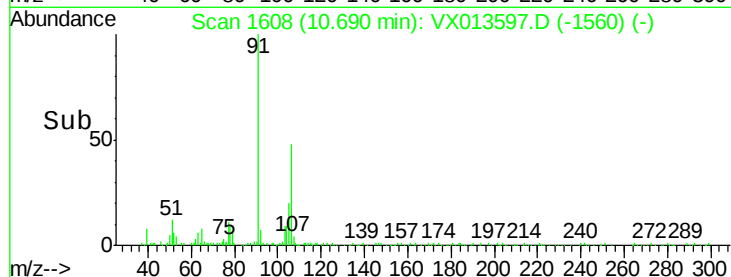
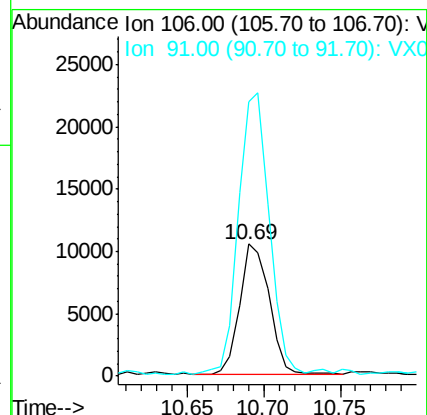
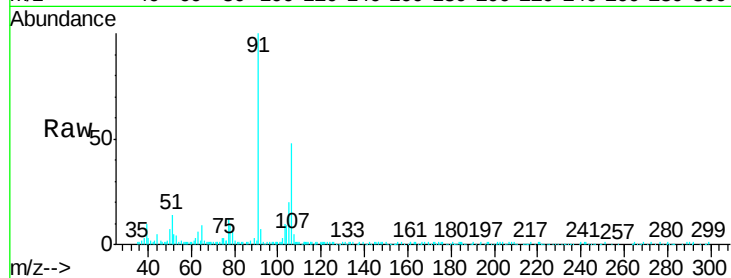




#69
o-Xylene
Concen: 0.901 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

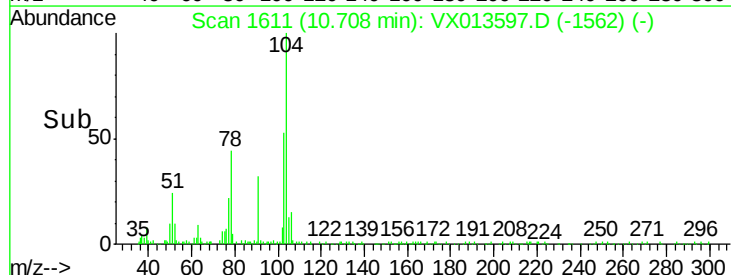
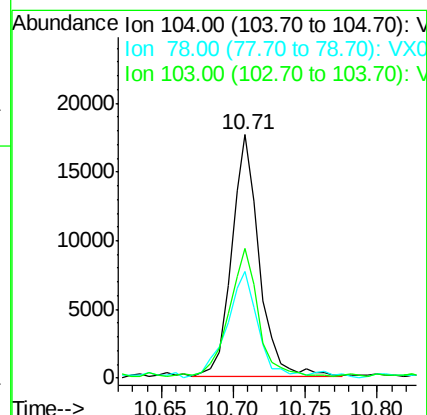
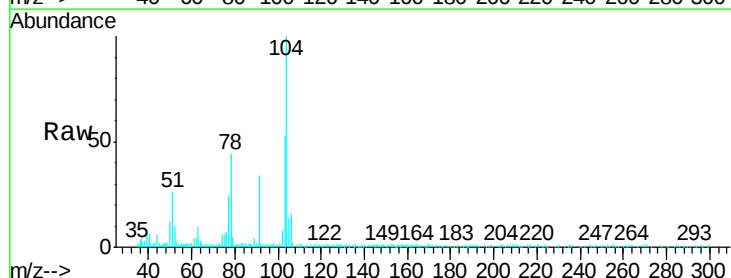
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

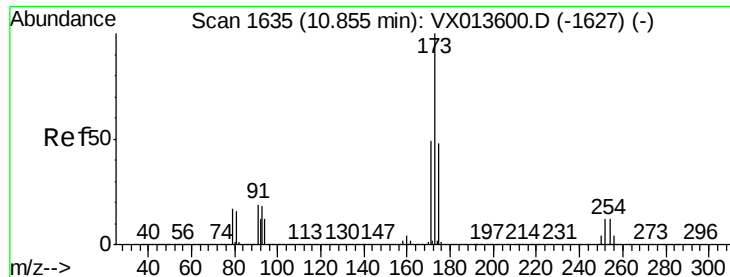
Tgt Ion:106 Resp: 14261
Ion Ratio Lower Upper
106 100
91 220.5 104.1 312.2



#70
Styrene
Concen: 0.888 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion:104 Resp: 23441
Ion Ratio Lower Upper
104 100
78 49.1 38.5 57.7
103 56.2 43.7 65.5





#71

Bromoform

Concen: 0.824 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

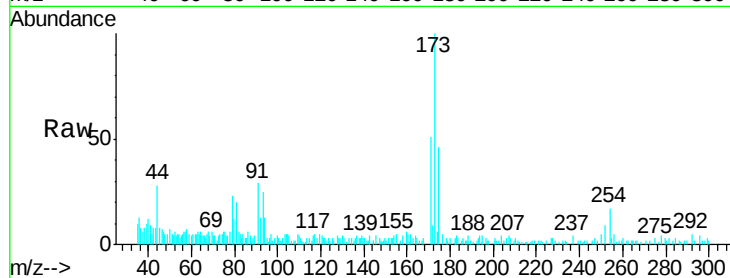
Tgt Ion:173 Resp: 6041

Ion Ratio Lower Upper

173 100

175 46.4 24.3 72.8

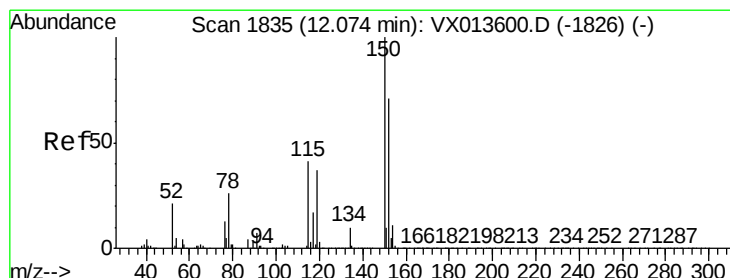
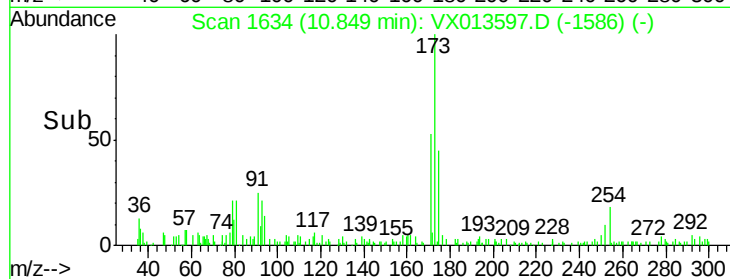
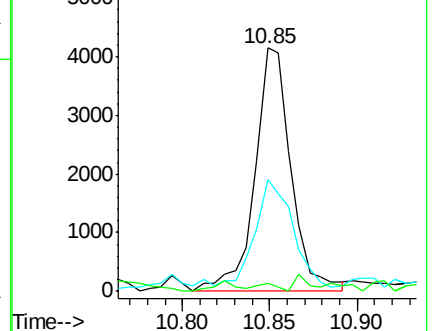
254 1.8 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

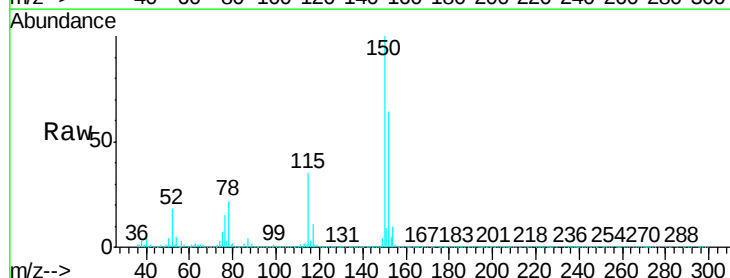
Tgt Ion:152 Resp: 586274

Ion Ratio Lower Upper

152 100

115 56.0 38.4 115.1

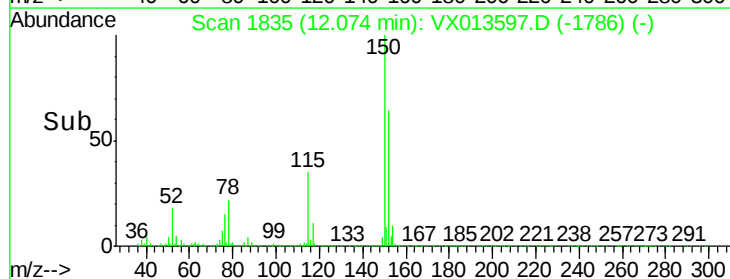
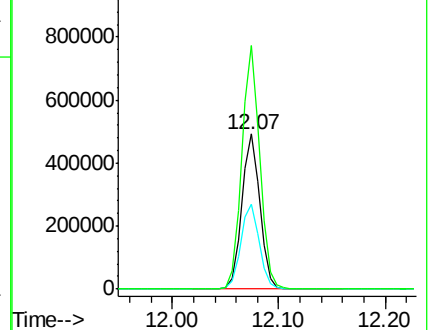
150 155.3 0.0 346.8

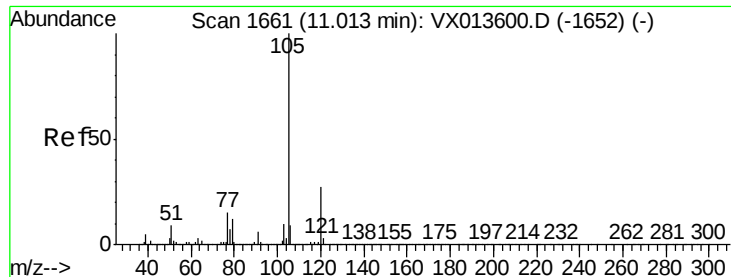


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.002 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

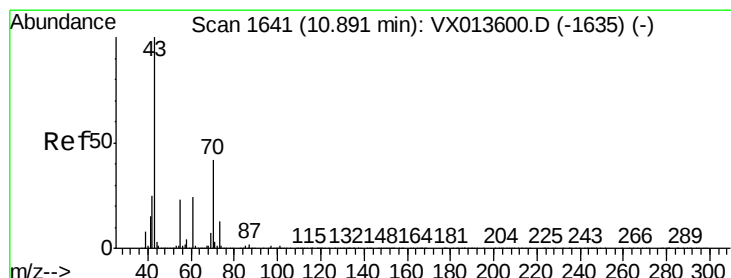
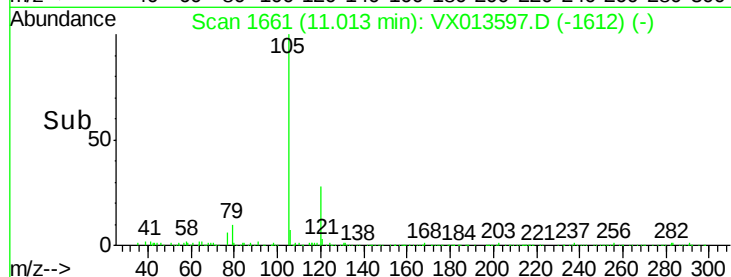
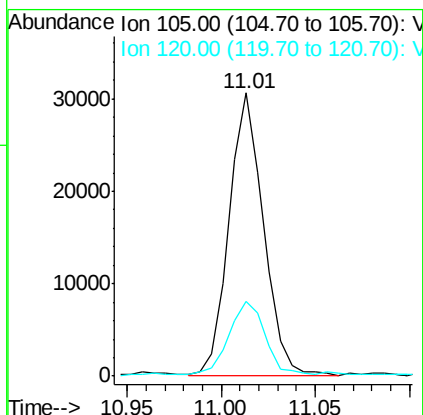
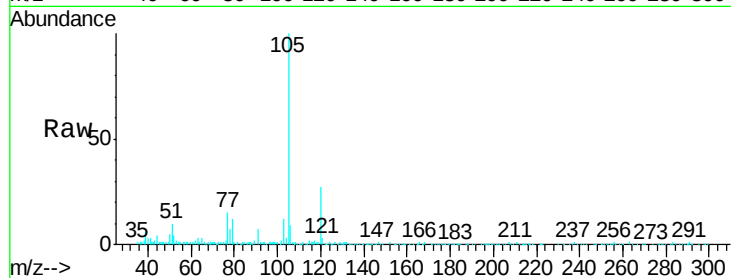
VSTDIC001

Tgt Ion: 105 Resp: 39013

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 0.817 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Tgt Ion: 43 Resp: 14676

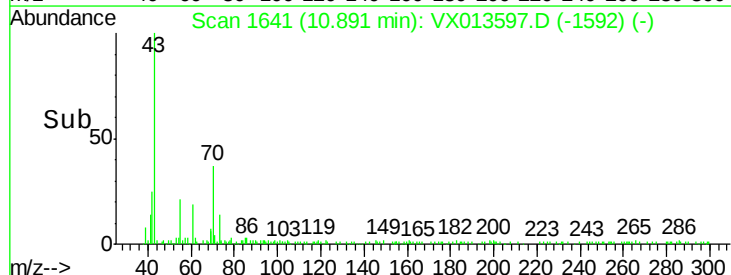
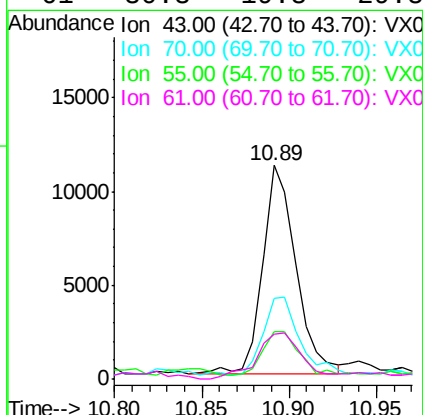
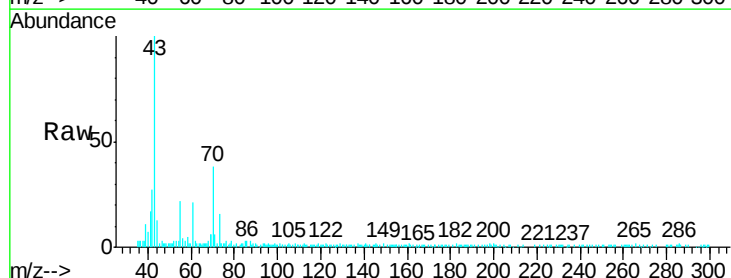
Ion Ratio Lower Upper

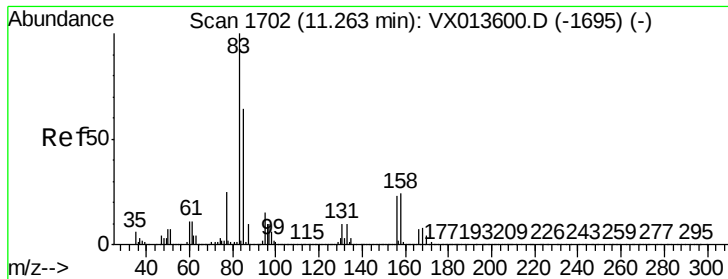
43 100

70 41.4 34.3 51.5

55 24.2 18.5 27.7

61 30.3 19.8 29.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.853 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

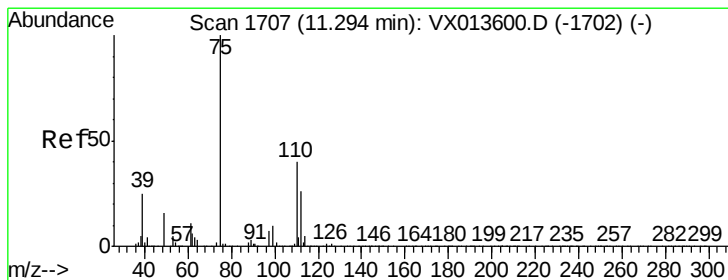
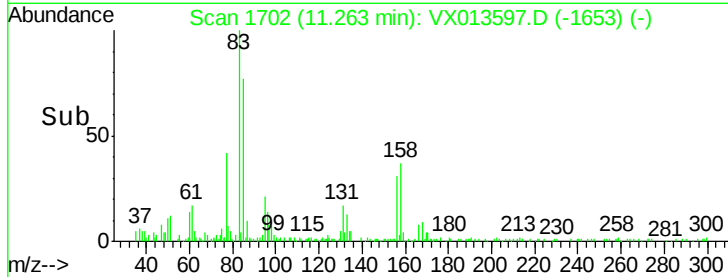
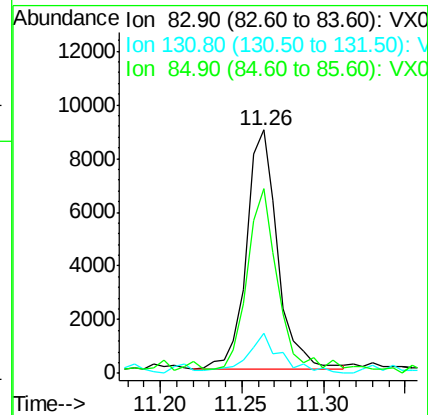
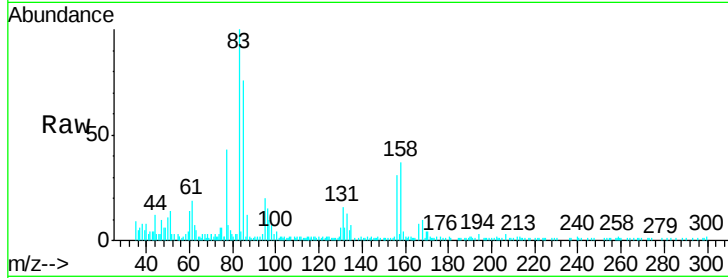
Tgt Ion: 83 Resp: 12045

Ion Ratio Lower Upper

83 100

131 18.2 5.1 15.3#

85 81.4 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 1.064 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013597.D

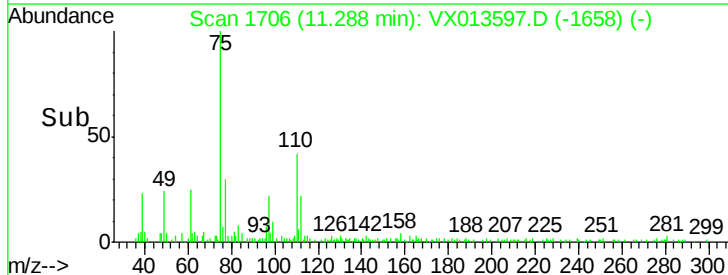
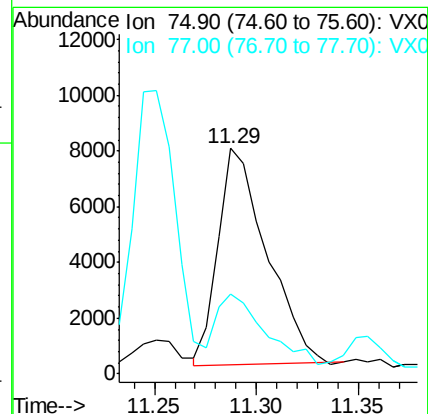
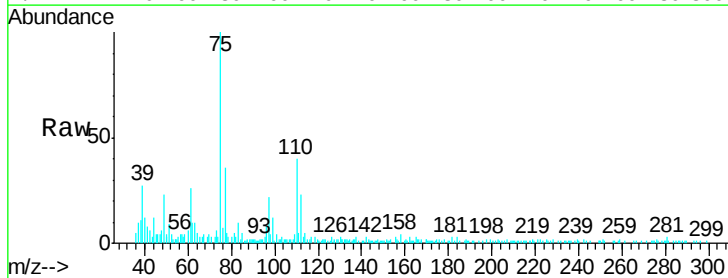
Acq: 26 Nov 2019 13:32

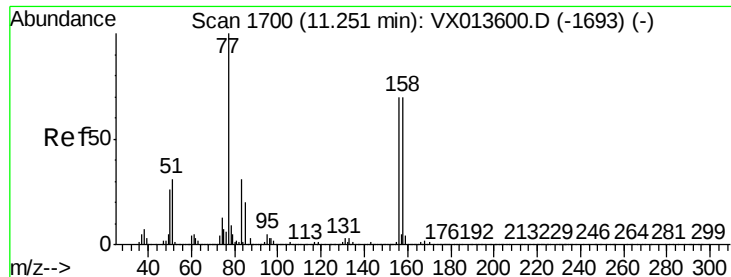
Tgt Ion: 75 Resp: 12974

Ion Ratio Lower Upper

75 100

77 34.1 19.1 57.5





#77

Bromobenzene

Concen: 1.095 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

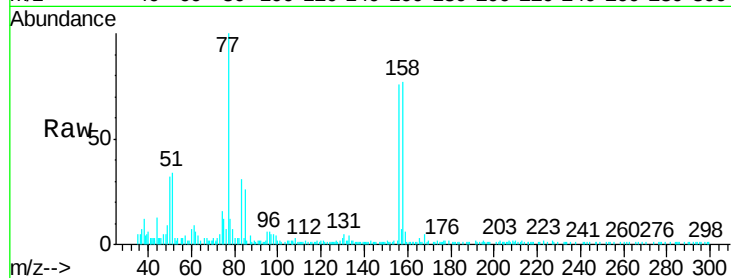
Tgt Ion:156 Resp: 11362

Ion Ratio Lower Upper

156 100

77 129.6 74.4 223.1

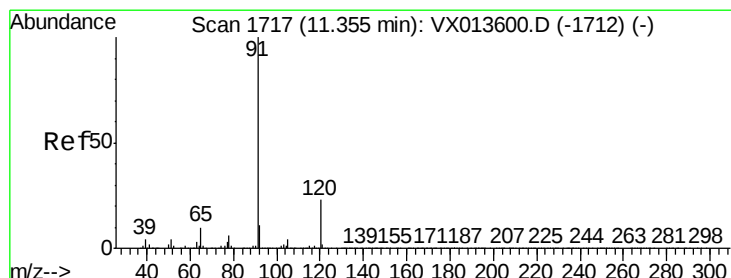
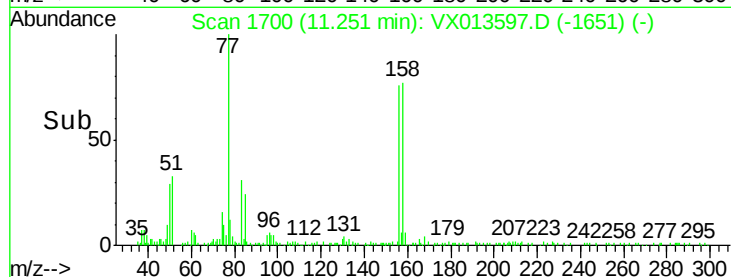
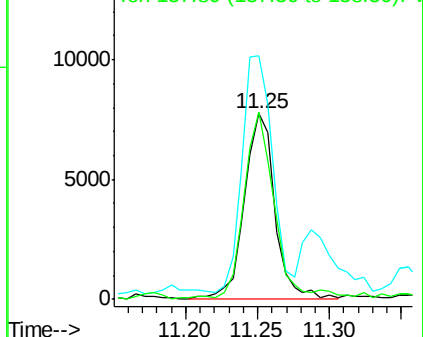
158 98.4 48.9 146.6



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: 0.975 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013597.D

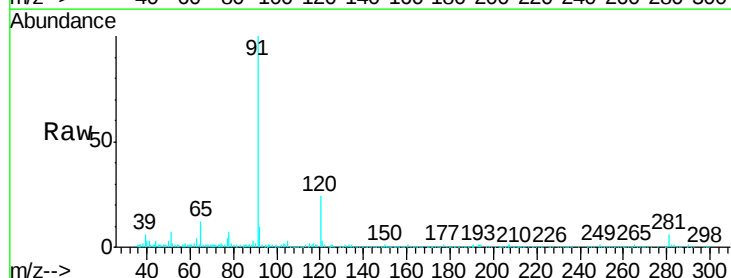
Acq: 26 Nov 2019 13:32

Tgt Ion: 91 Resp: 42176

Ion Ratio Lower Upper

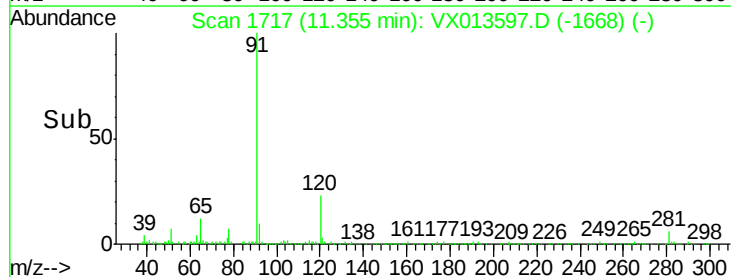
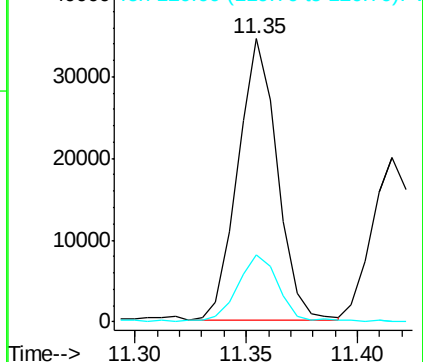
91 100

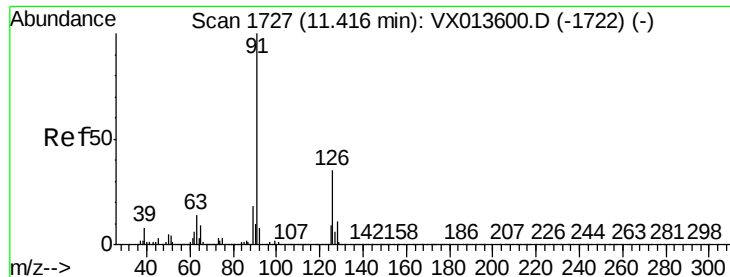
120 26.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.006 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

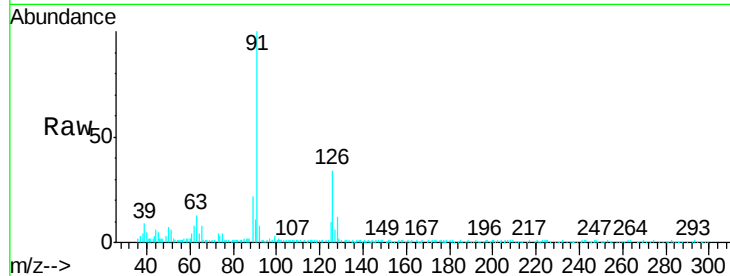
VSTDIC001

Tgt Ion: 91 Resp: 26233

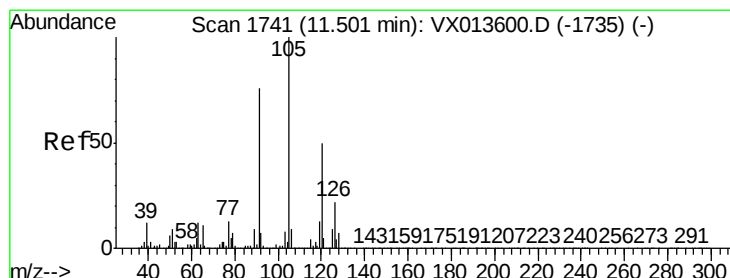
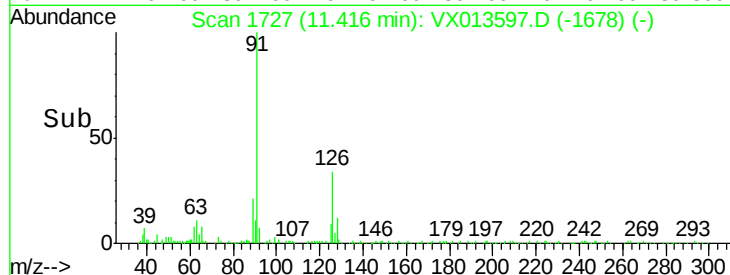
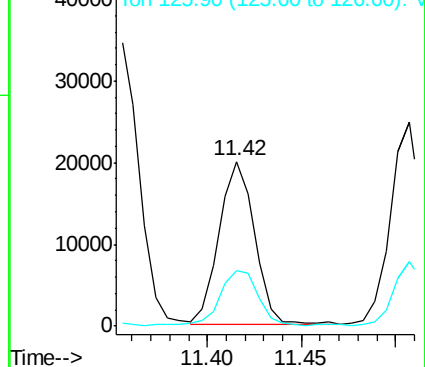
Ion Ratio Lower Upper

91 100

126 36.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.904 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013597.D

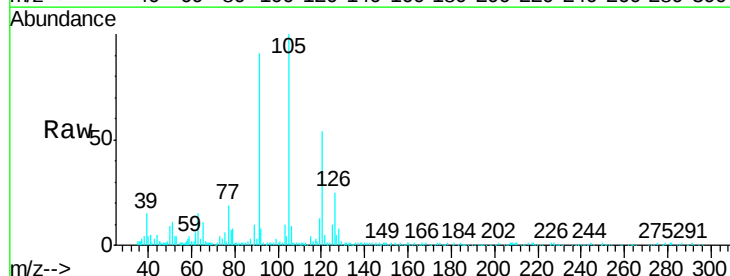
Acq: 26 Nov 2019 13:32

Tgt Ion: 105 Resp: 29224

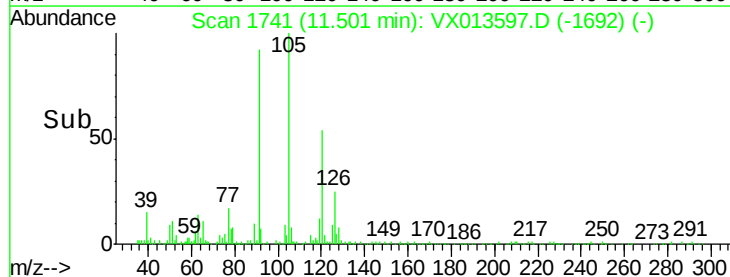
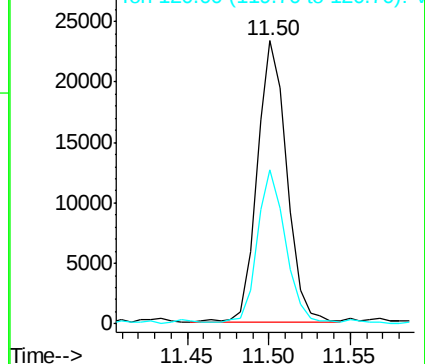
Ion Ratio Lower Upper

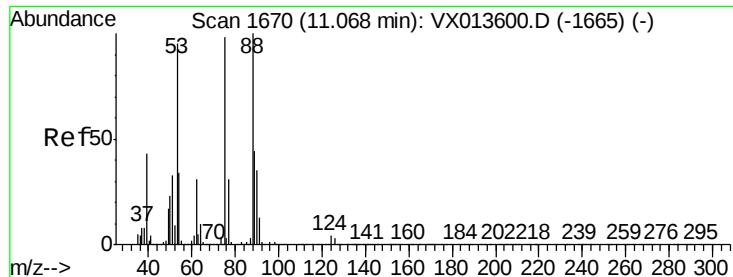
105 100

120 51.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.874 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

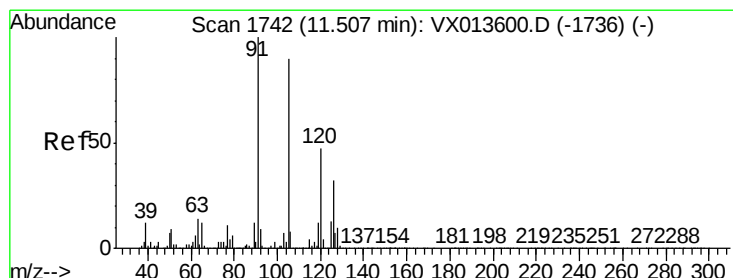
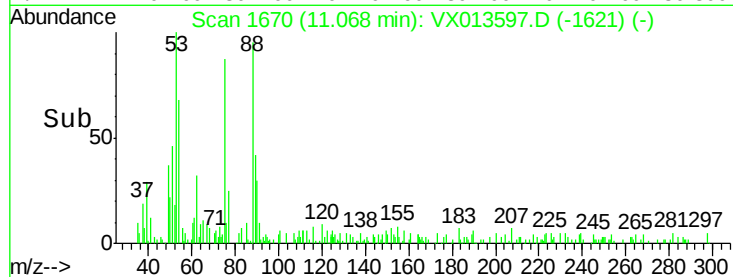
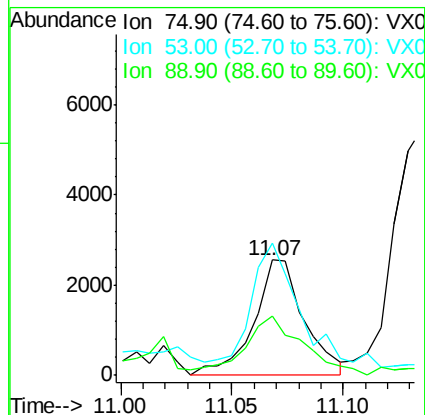
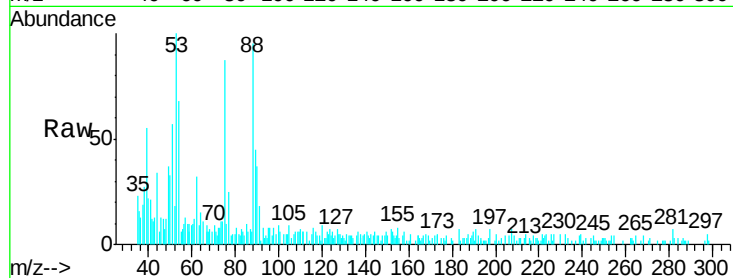
Tgt Ion: 75 Resp: 4039

Ion Ratio Lower Upper

75 100

53 106.7 78.2 117.2

89 59.9 35.4 53.2#



#82

4-Chlorotoluene

Concen: 1.016 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013597.D

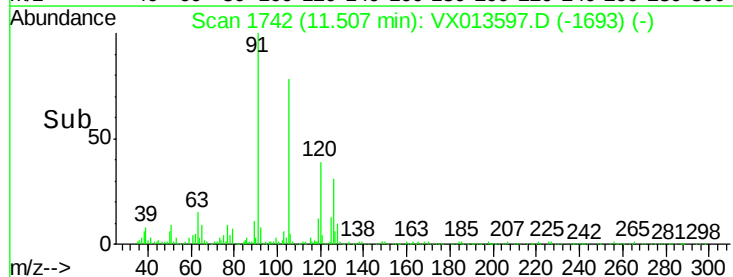
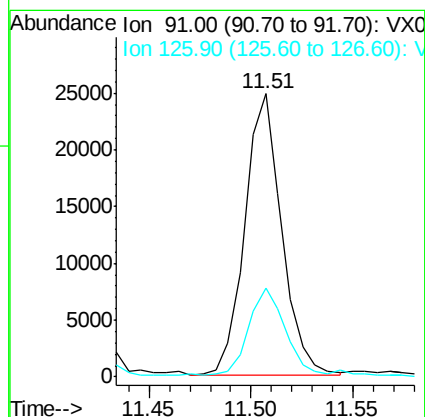
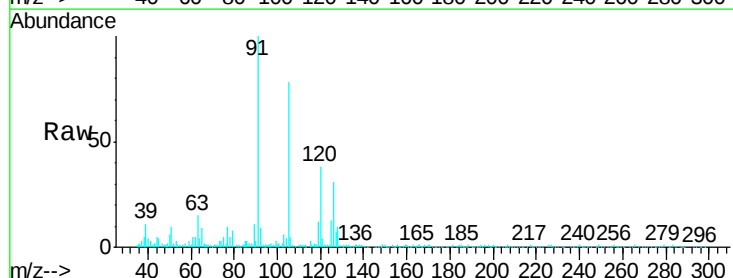
Acq: 26 Nov 2019 13:32

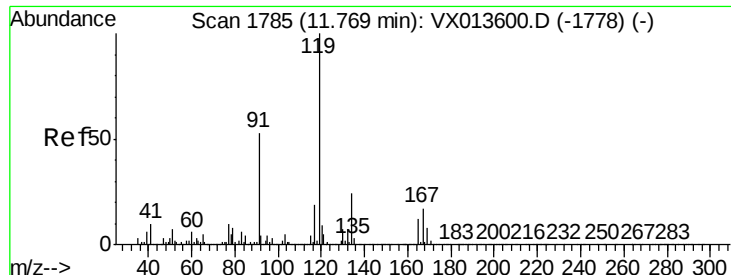
Tgt Ion: 91 Resp: 30964

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.0

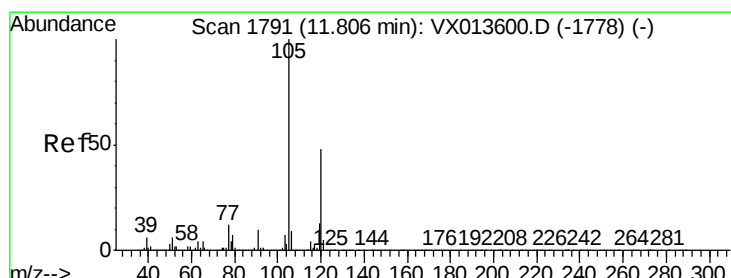
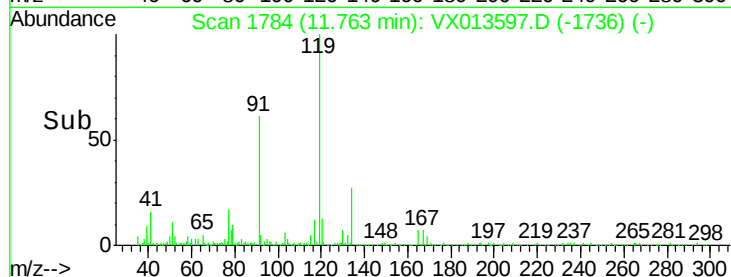
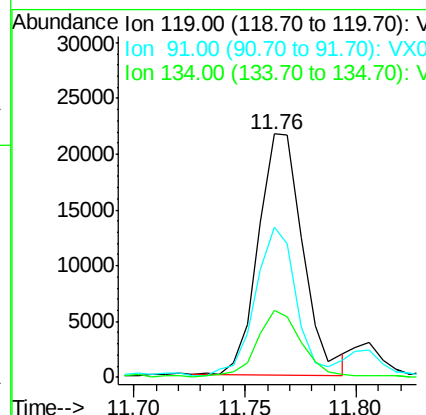
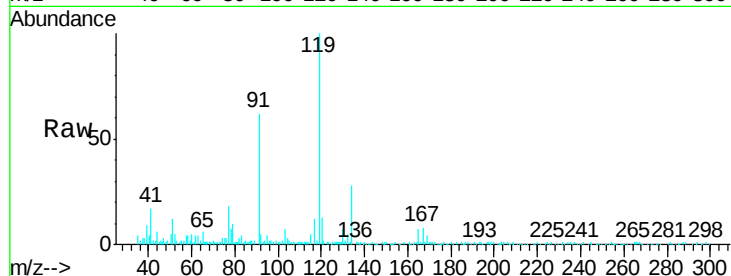




#83
tert-Butylbenzene
Concen: 0.929 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

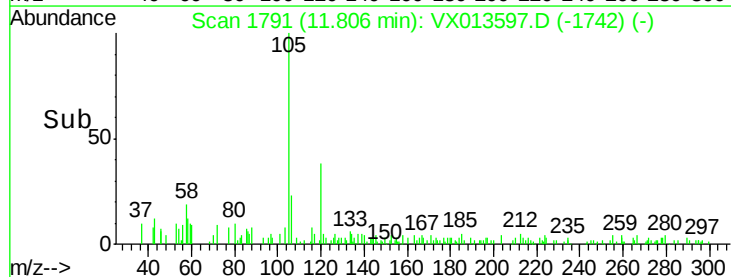
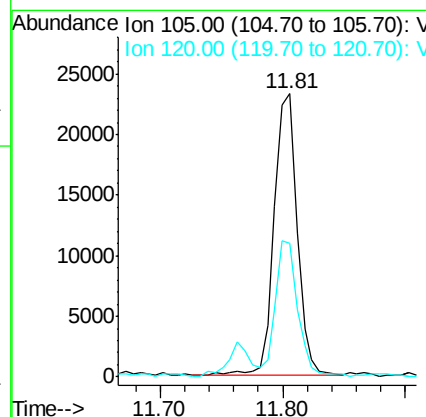
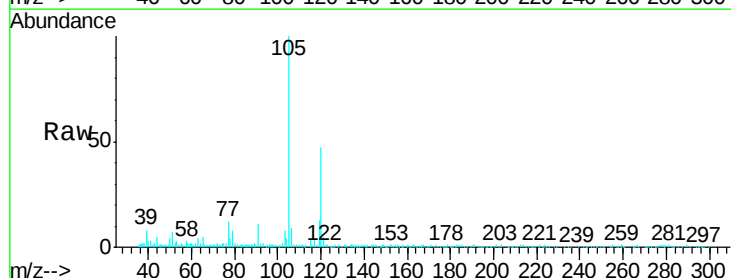
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

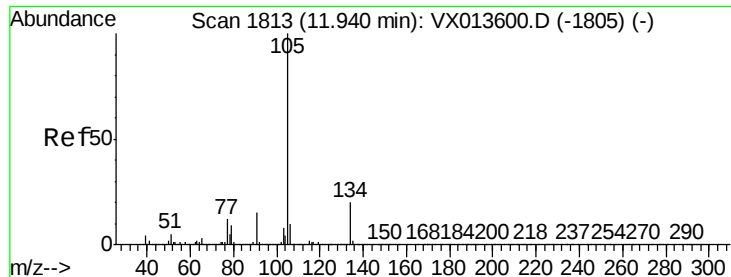
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.0	27.2	81.6
134	28.7	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 0.936 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 0.940 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

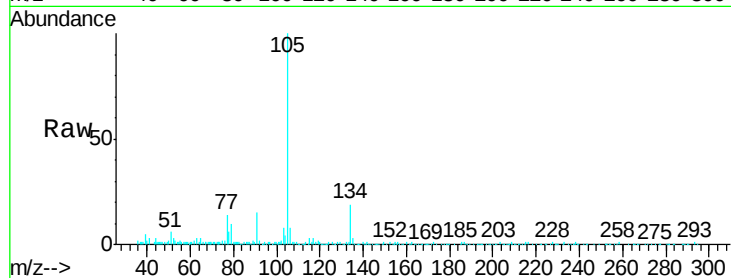
VSTDIC001

Tgt Ion:105 Resp: 35173

Ion Ratio Lower Upper

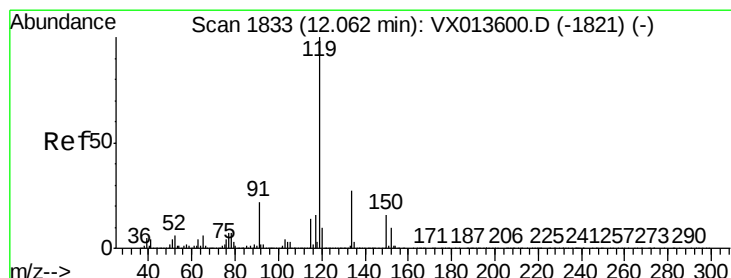
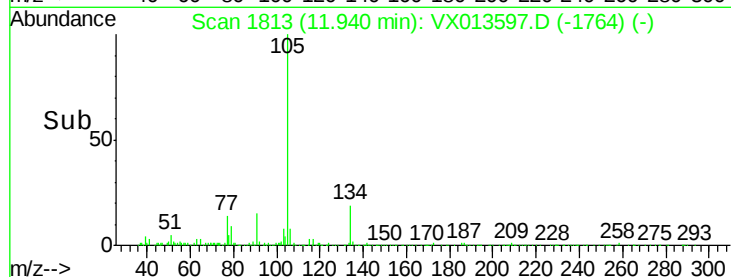
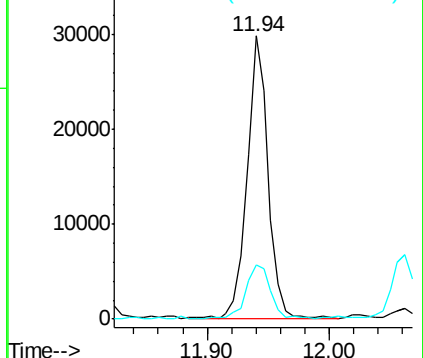
105 100

134 23.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.948 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

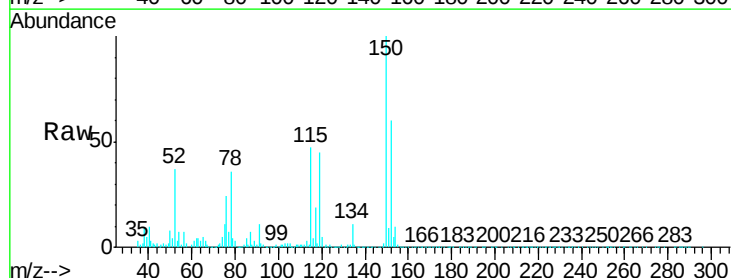
Tgt Ion:119 Resp: 32639

Ion Ratio Lower Upper

119 100

134 28.2 13.3 39.9

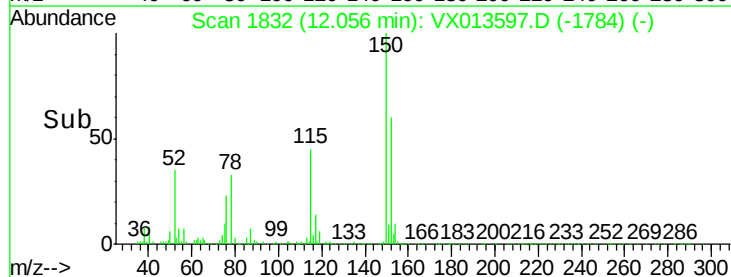
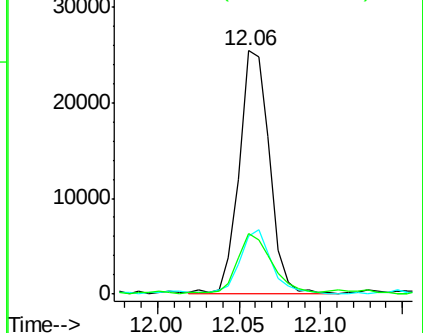
91 27.7 11.3 33.8

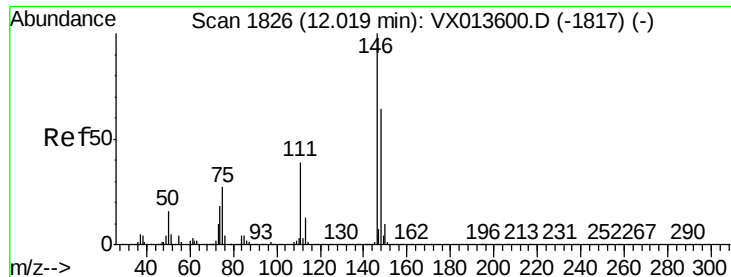


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

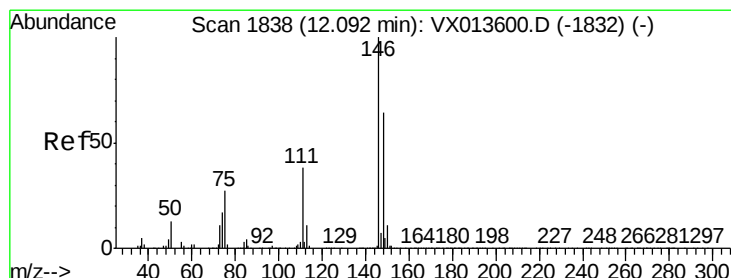
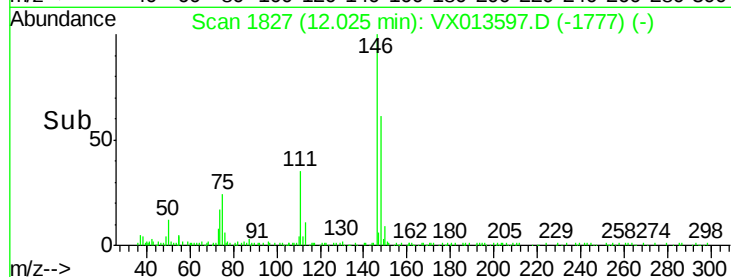
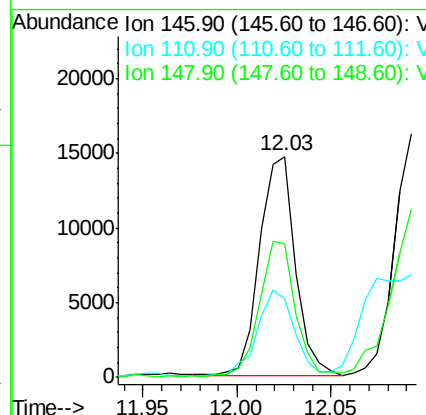
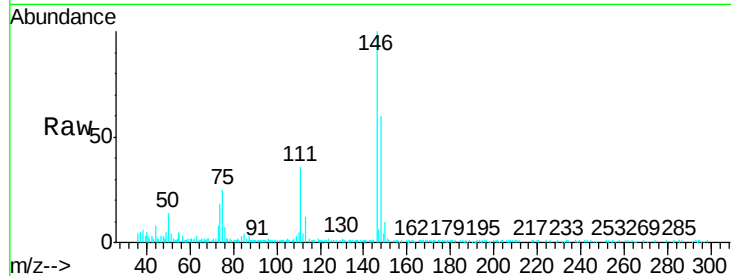




#87
 1,3-Dichlorobenzene
 Concen: 1.041 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013597.D
 Acq: 26 Nov 2019 13:32

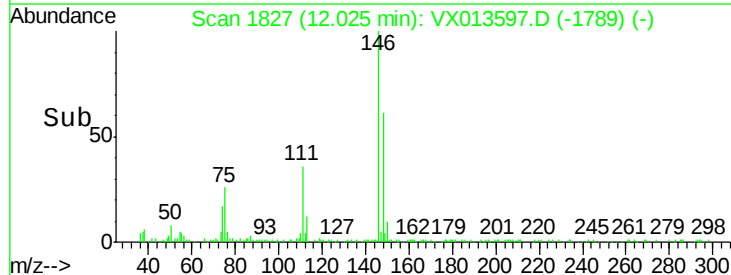
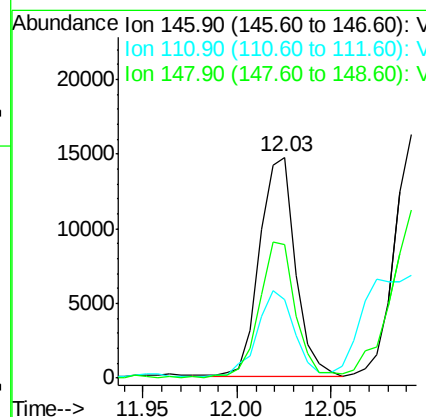
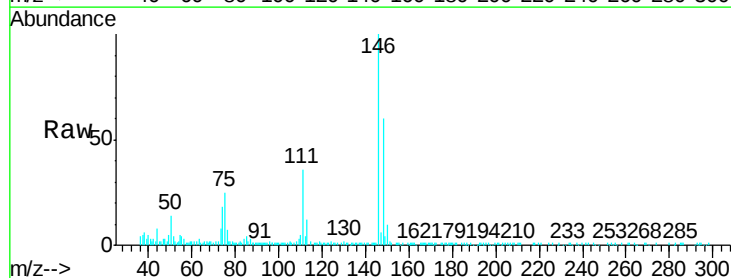
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

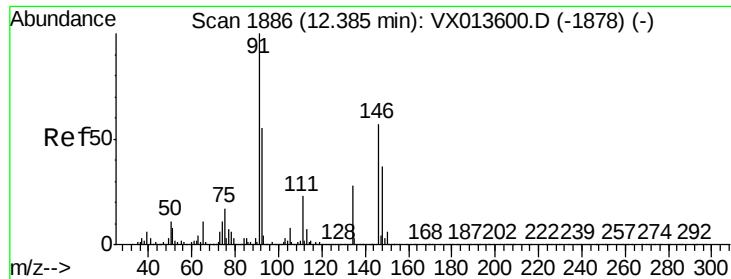
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.0	57.0
148	63.9	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 1.022 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. -0.07 min
 Lab File: VX013597.D
 Acq: 26 Nov 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	18.9	56.9
148	63.9	31.9	95.5





#89

n-Butylbenzene

Concen: 0.896 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

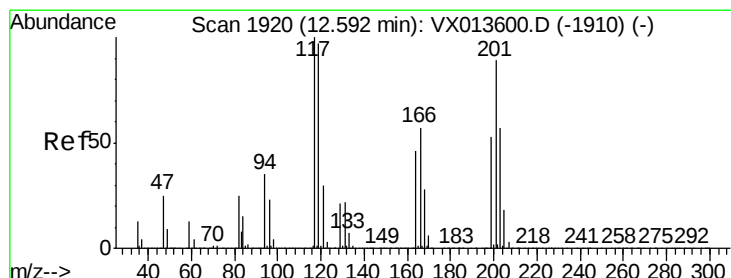
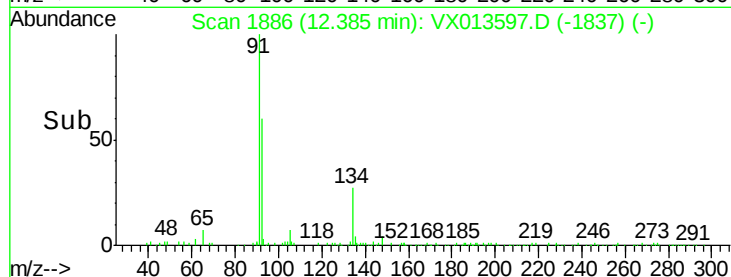
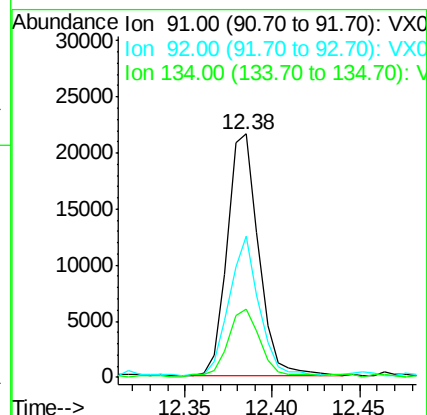
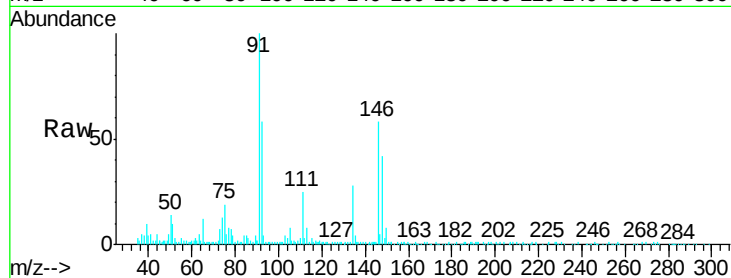
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:	91	Resp:	26830
Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.4	82.2
134	30.2	13.5	40.4



#90

Hexachloroethane

Concen: 0.946 ug/l

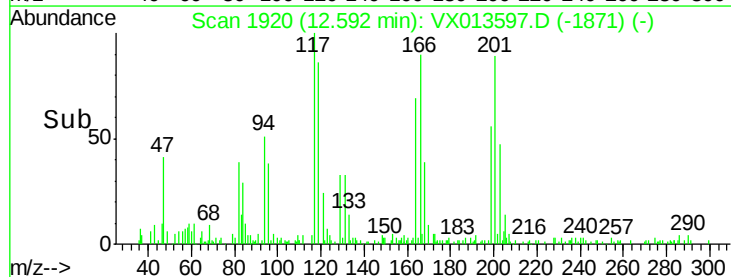
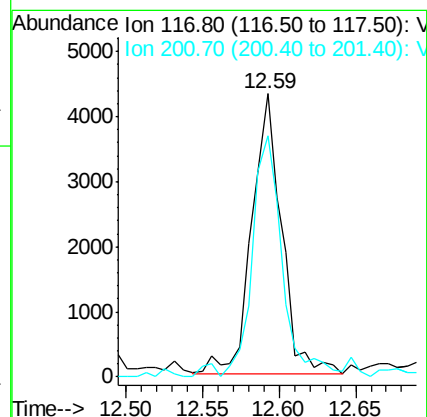
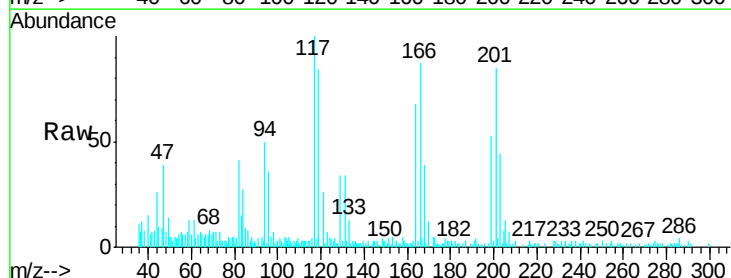
RT: 12.59 min Scan# 1920

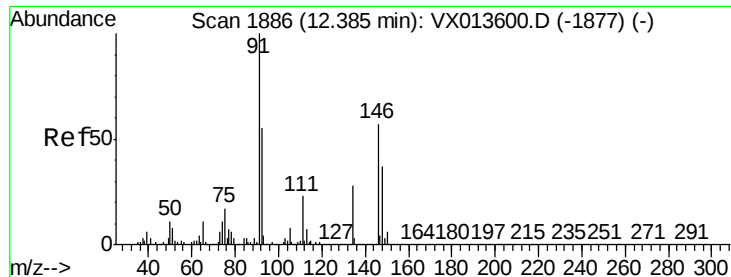
Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Tgt Ion:	117	Resp:	5809
Ion	Ratio	Lower	Upper
117	100		
201	86.3	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 0.969 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

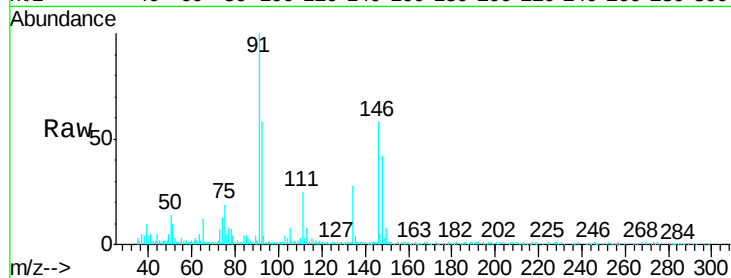
Tgt Ion:146 Resp: 17870

Ion Ratio Lower Upper

146 100

111 42.4 19.6 58.7

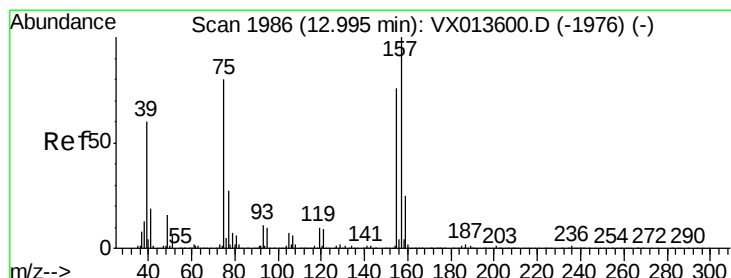
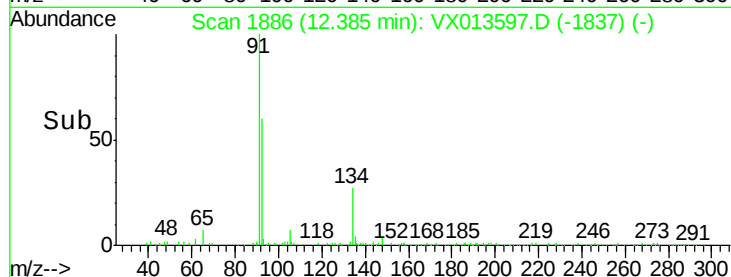
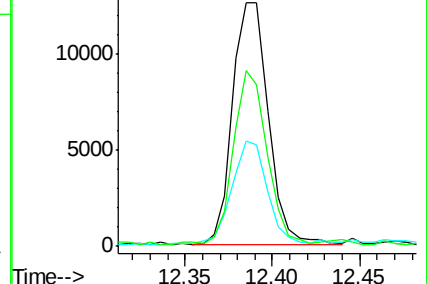
148 67.8 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.790 ug/l

RT: 12.99 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VX013597.D

Acq: 26 Nov 2019 13:32

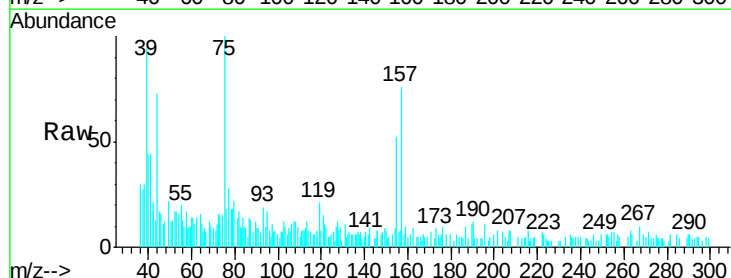
Tgt Ion: 75 Resp: 2691

Ion Ratio Lower Upper

75 100

155 96.8 47.6 142.8

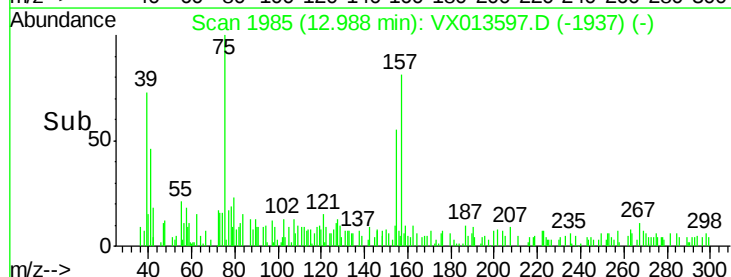
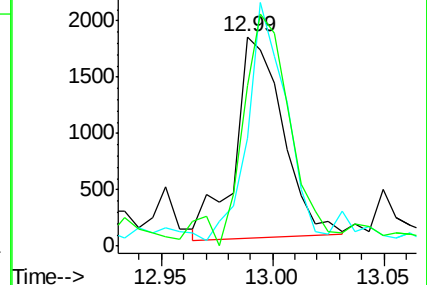
157 108.8 62.1 186.2

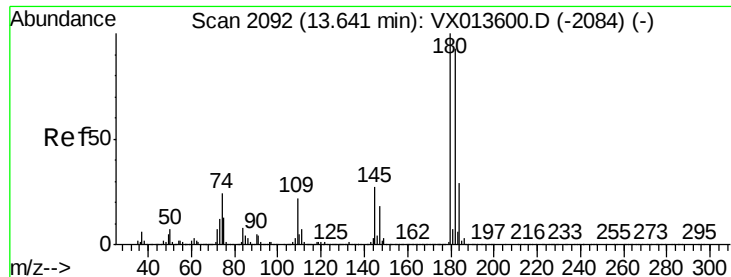


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

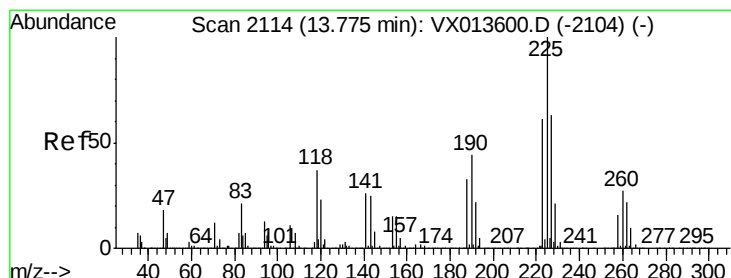
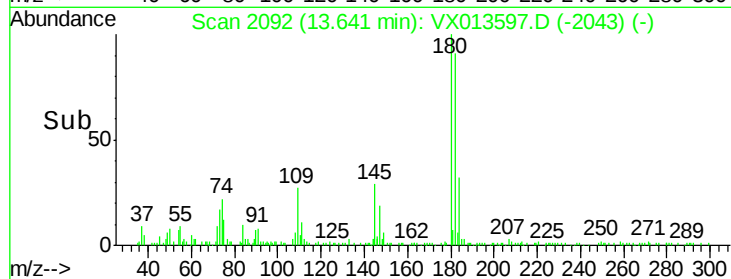
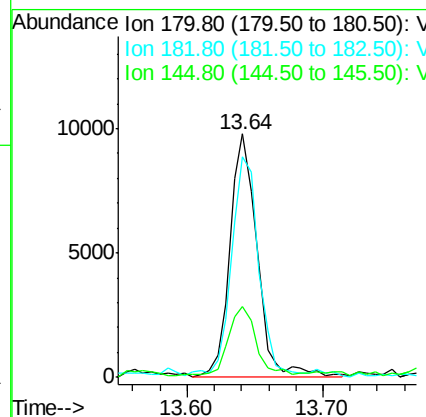
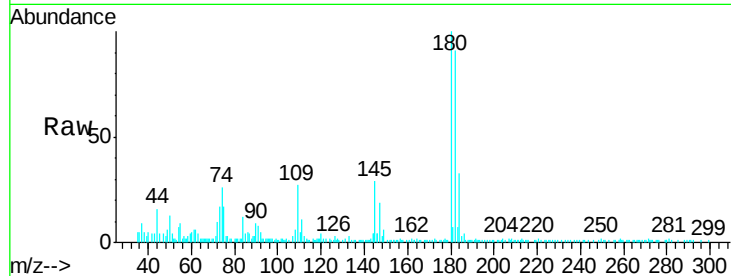




#93
 1,2,4-Trichlorobenzene
 Concen: 1.070 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013597.D
 Acq: 26 Nov 2019 13:32

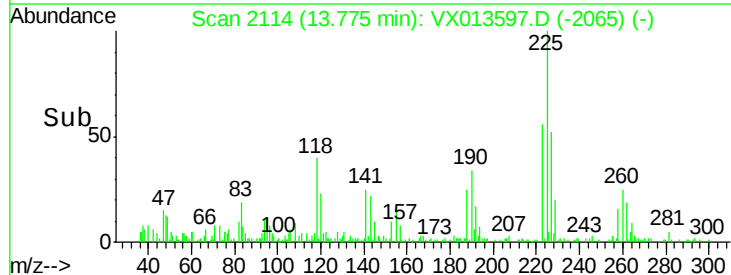
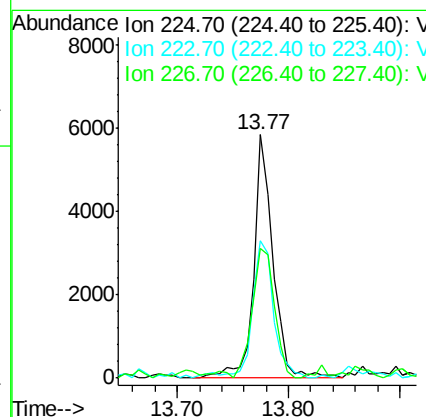
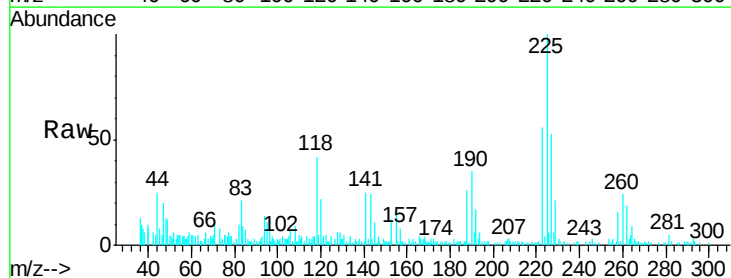
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

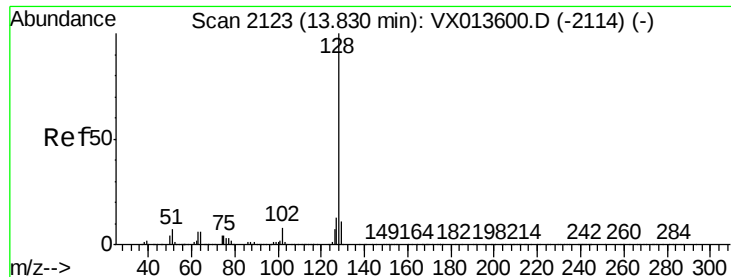
Tgt Ion:180 Resp: 13739
 Ion Ratio Lower Upper
 180 100
 182 89.5 47.2 141.6
 145 29.9 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 1.126 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013597.D
 Acq: 26 Nov 2019 13:32

Tgt Ion:225 Resp: 7009
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.9 95.5
 227 61.6 32.1 96.3

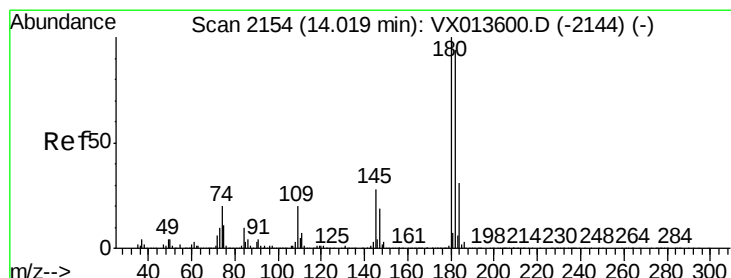
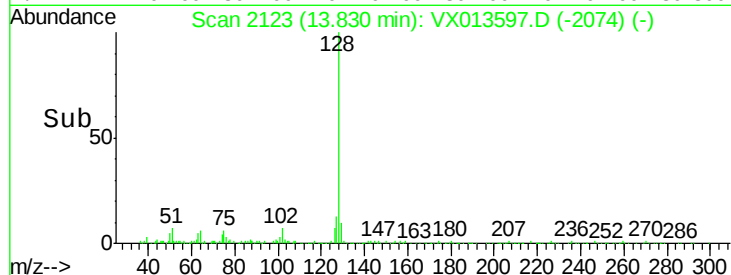
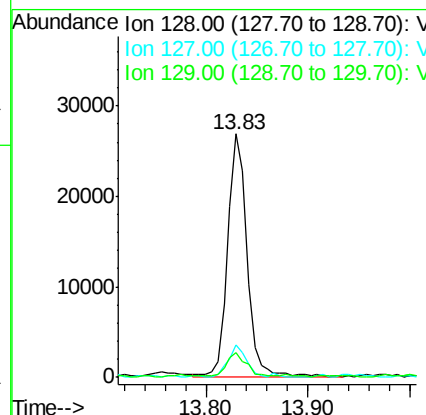
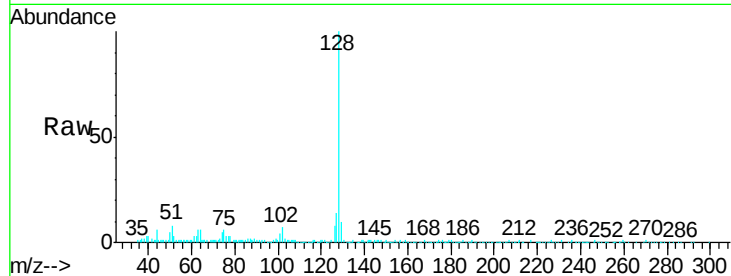




#95
Naphthalene
Concen: 0.884 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 35196
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 9.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.016 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013597.D
Acq: 26 Nov 2019 13:32

Tgt Ion:180 Resp: 13010
Ion Ratio Lower Upper
180 100
182 102.1 47.6 142.8
145 33.0 15.0 45.0

