

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013612.D
 Acq On : 26 Nov 2019 20:30
 Operator : JC/SP
 Sample : K6002-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 03:42:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	656304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1013713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	933560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	459021	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	370334	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	5.49	113	311874	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	1201133	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	436125	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	387997	53.114	ug/l	100
3) Chloromethane	1.32	50	426194	51.996	ug/l	97
4) Vinyl Chloride	1.40	62	488438	52.943	ug/l	99
5) Bromomethane	1.63	94	294320	47.504	ug/l	99
6) Chloroethane	1.71	64	260880	49.693	ug/l	96
7) Trichlorofluoromethane	1.92	101	512881	50.065	ug/l	99
8) Diethyl Ether	2.18	74	236812	51.097	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	310207	49.575	ug/l	98
10) Methyl Iodide	2.50	142	412621	54.513	ug/l	99
11) Tert butyl alcohol	3.03	59	475698	252.974	ug/l	99
12) 1,1-Dichloroethene	2.36	96	320691	51.345	ug/l	99
13) Acrolein	2.28	56	336785	267.378	ug/l #	15
14) Allyl chloride	2.72	41	592082	52.236	ug/l	99
15) Acrylonitrile	3.13	53	1000755	257.825	ug/l	99
16) Acetone	2.43	43	842853	224.091	ug/l	99
17) Carbon Disulfide	2.56	76	884468	49.675	ug/l	99
18) Methyl Acetate	2.76	43	552812	52.782	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	2552663	123.370	ug/l #	80
20) Methylene Chloride	2.85	84	354802	49.101	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	342116	50.280	ug/l	99
22) Diisopropyl ether	3.84	45	1161096	53.200	ug/l	98
23) Vinyl Acetate	3.80	43	4740433	261.089	ug/l	100
24) 1,1-Dichloroethane	3.69	63	615549	51.592	ug/l	99
25) 2-Butanone	4.66	43	1384799	247.734	ug/l	99
26) 2,2-Dichloropropane	4.57	77	469983	47.610	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	391217	50.067	ug/l	99
28) Bromochloromethane	5.01	49	238039	50.486	ug/l	99
29) Tetrahydrofuran	5.11	42	899353	260.986	ug/l	100
30) Chloroform	5.20	83	630165	52.080	ug/l	97
31) Cyclohexane	5.57	56	900150	79.989	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	516991	51.129	ug/l	99
36) 1,1-Dichloropropene	5.79	75	468789	50.944	ug/l	99
37) Ethyl Acetate	4.82	43	531338	51.470	ug/l	100
38) Carbon Tetrachloride	5.78	117	440713	51.940	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	7.46	83	984771	86.577	ug/l	98
40) Benzene	6.14	78	25253879	901.082	ug/l #	86
41) Methacrylonitrile	5.03	41	304499	53.785	ug/l	99
42) 1,2-Dichloroethane	6.19	62	467213	48.881	ug/l	97
43) Isopropyl Acetate	6.42	43	5919231	348.287	ug/l #	28
44) Trichloroethene	7.21	130	380002	49.404	ug/l	100
45) 1,2-Dichloropropane	7.51	63	364066	51.920	ug/l	100
46) Dibromomethane	7.65	93	234402	49.219	ug/l	97
47) Bromodichloromethane	7.89	83	475246	52.786	ug/l	96
48) Methyl methacrylate	7.76	41	490326	59.379	ug/l	94
49) 1,4-Dioxane	7.73	88	173863	940.630	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2767797	258.904	ug/l	100
52) Toluene	8.78	92	5508820	316.400	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	535921	52.296	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	584383	52.196	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	344859	49.151	ug/l	98
56) Ethyl methacrylate	9.17	69	631288	55.963	ug/l	99
57) 1,3-Dichloropropane	9.37	76	603387	49.892	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.26	63	3214	0.727	ug/l #	63
59) 2-Hexanone	9.49	43	2099273	251.780	ug/l	100
60) Dibromochloromethane	9.58	129	379125	52.067	ug/l	99
61) 1,2-Dibromoethane	9.67	107	380302	50.750	ug/l	100
64) Tetrachloroethene	9.33	164	321725	46.212	ug/l	98
65) Chlorobenzene	10.14	112	955538	49.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	350509	50.360	ug/l	99
67) Ethyl Benzene	10.25	91	15785047	473.928	ug/l #	53
68) m/p-Xylenes	10.36	106	18679005	1464.823	ug/l #	1
69) o-Xylene	10.70	106	9879254	794.363	ug/l	63
70) Styrene	10.71	104	1666647	79.665	ug/l #	4
71) Bromoform	10.85	173	296166	51.427	ug/l #	99
73) Isopropylbenzene	11.01	105	2739495	85.081	ug/l	99
74) N-amyl acetate	10.89	43	782312	53.039	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	574857	51.481	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	657262	63.662	ug/l	88
77) Bromobenzene	11.25	156	440331	50.621	ug/l	99
78) n-propylbenzene	11.35	91	3833365	106.649	ug/l	99
79) 2-Chlorotoluene	11.51	91	1804498	83.691	ug/l	77
80) 1,3,5-Trimethylbenzene	11.50	105	6356570	240.874	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	191771	50.818	ug/l	98
82) 4-Chlorotoluene	11.51	91	1804498	72.258	ug/l	83
83) tert-Butylbenzene	11.77	119	1368964	51.043	ug/l	98
84) 1,2,4-Trimethylbenzene	11.67	105	5817337	217.203	ug/l	78
85) sec-Butylbenzene	11.94	105	1592893	51.998	ug/l	97
86) p-Isopropyltoluene	12.06	119	1494986	52.458	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	762184	50.266	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	758782	49.130	ug/l	99
89) n-Butylbenzene	12.39	91	1677661	69.021	ug/l #	70
90) Hexachloroethane	12.59	117	478418	92.875	ug/l	55
91) 1,2-Dichlorobenzene	12.39	146	737682	49.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	151730	62.398	ug/l	84

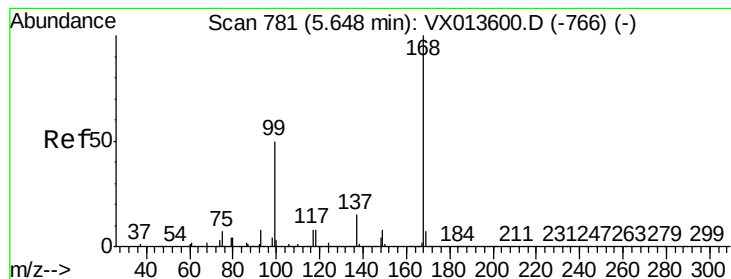
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	526602	50.435	ug/l	95
94) Hexachlorobutadiene	13.78	225	201652	40.204	ug/l	98
95) Naphthalene	13.83	128	10199442	328.019	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	524061	50.693	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

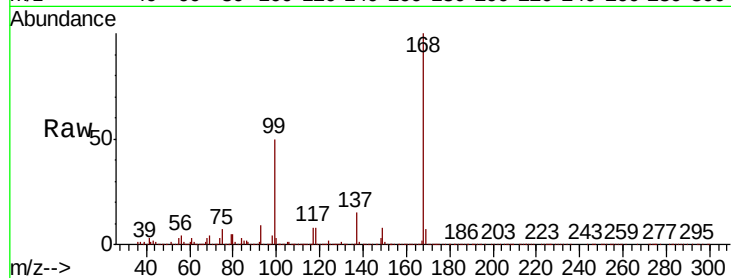
ClientSampleId :

Tot Ion:168 Resp: 656304

Ion Ratio Lower Upper

168 100

99 49.5 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

250000

200000

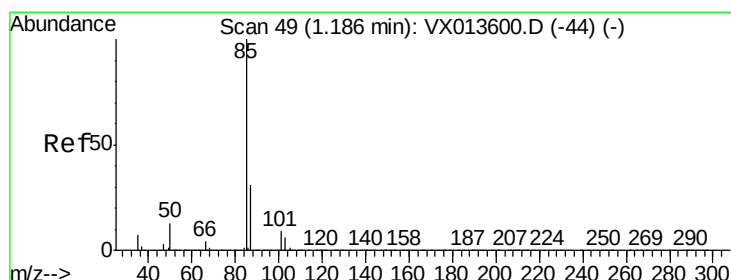
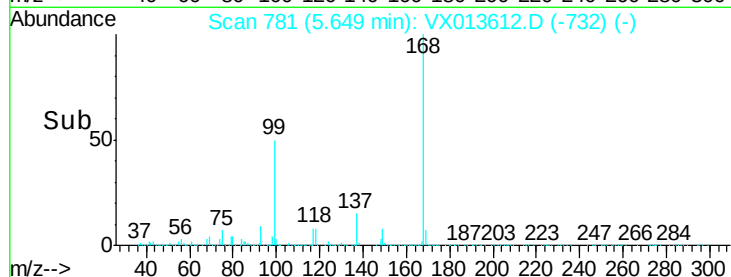
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.114 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013612.D

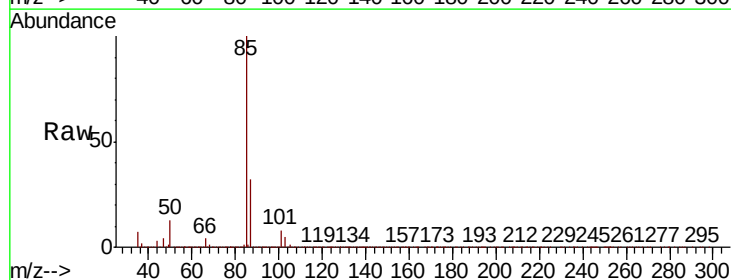
Acq: 26 Nov 2019 20:30

Tgt Ion: 85 Resp: 387997

Ion Ratio Lower Upper

85 100

87 31.6 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

400000

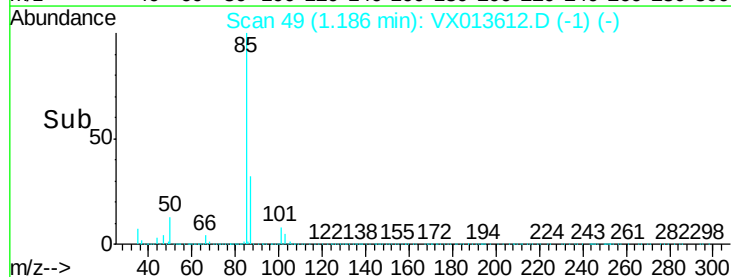
300000

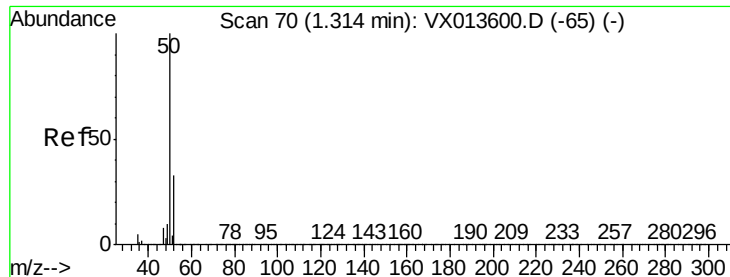
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Time-->

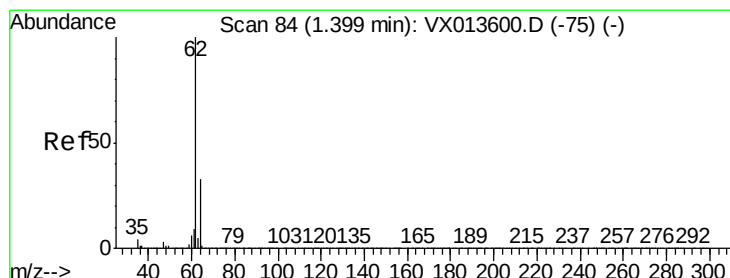
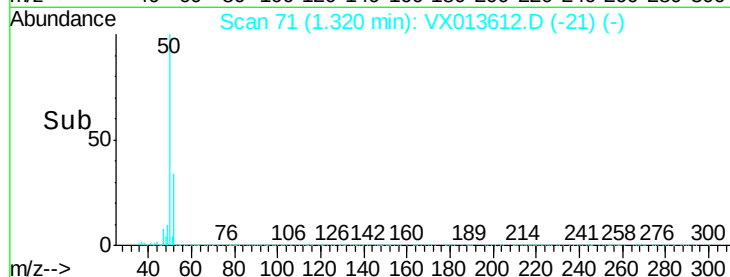
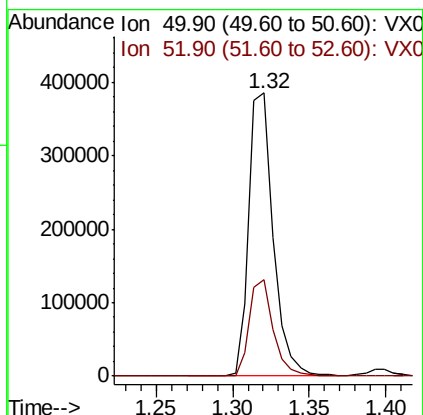
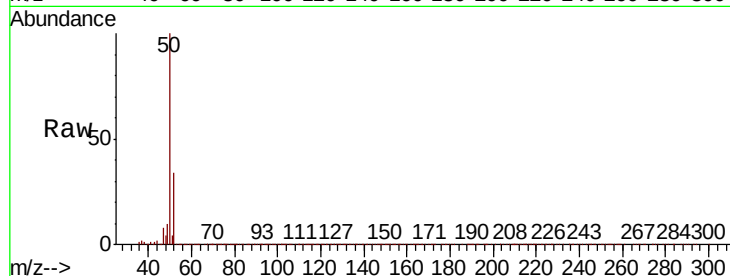




#3
Chloromethane
Concen: 51.996 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

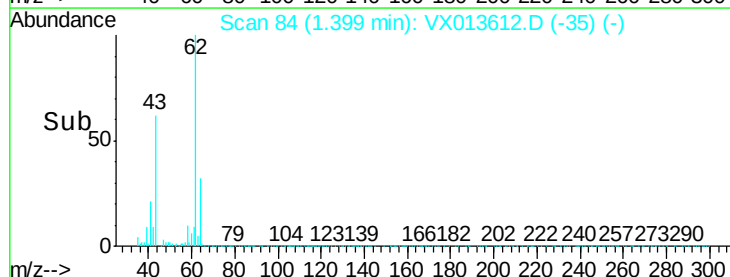
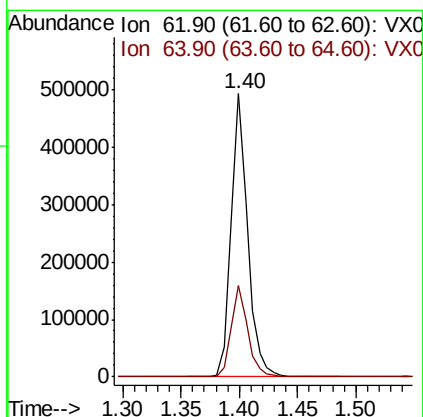
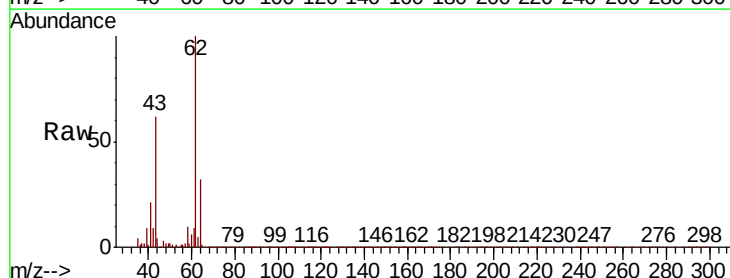
Instrument :
MSVOA_X
ClientSampleId :

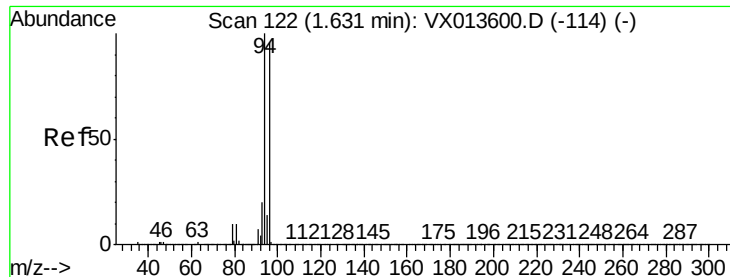
Tot Ion: 50 Resp: 426194
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0



#4
Vinyl Chloride
Concen: 52.943 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion: 62 Resp: 488438
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5

Bromomethane

Concen: 47.504 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

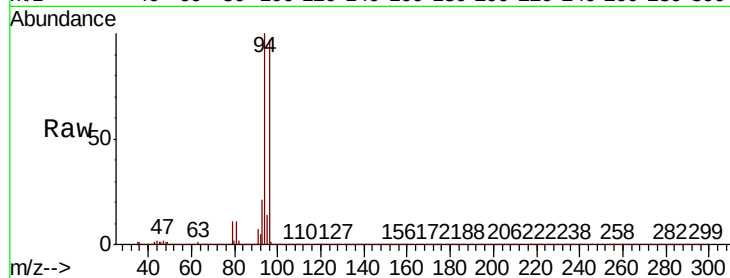
ClientSampleId :

Tot Ion: 94 Resp: 294320

Ion Ratio Lower Upper

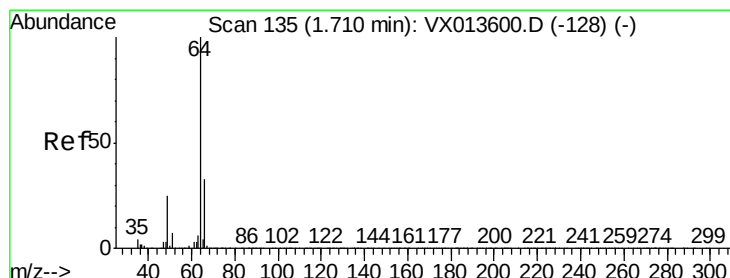
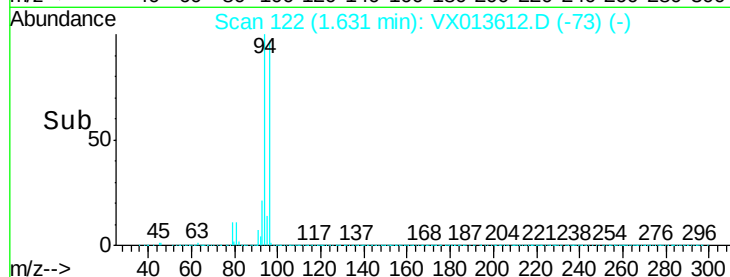
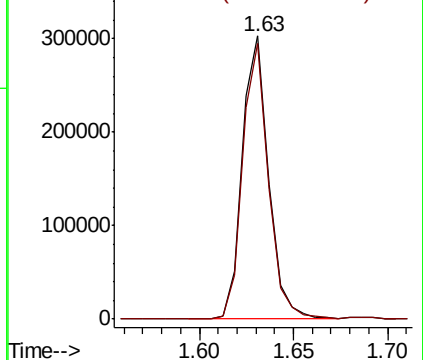
94 100

96 97.2 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.693 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013612.D

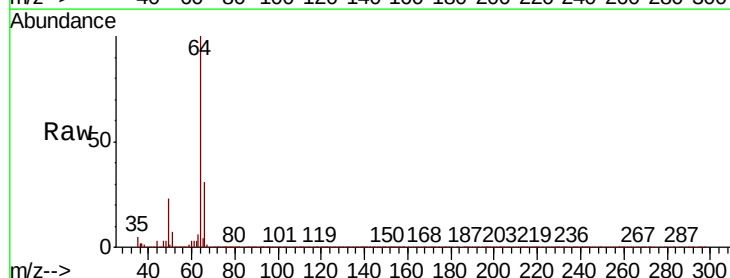
Acq: 26 Nov 2019 20:30

Tgt Ion: 64 Resp: 260880

Ion Ratio Lower Upper

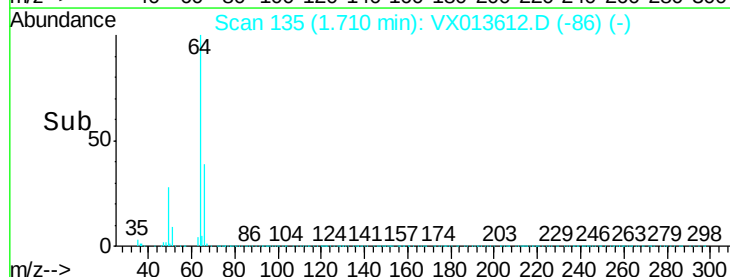
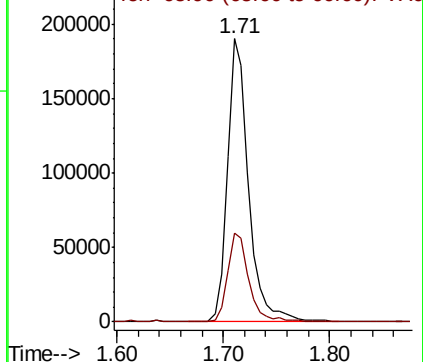
64 100

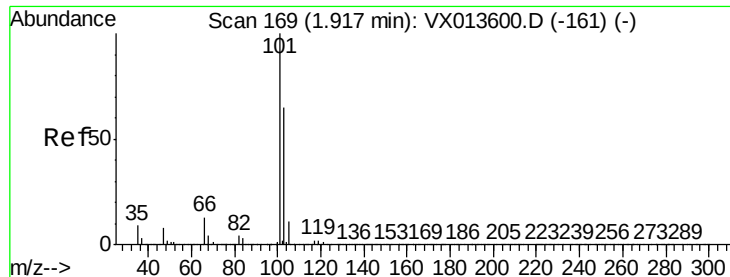
66 31.2 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



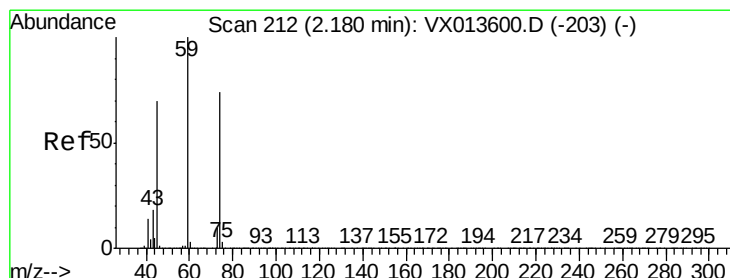
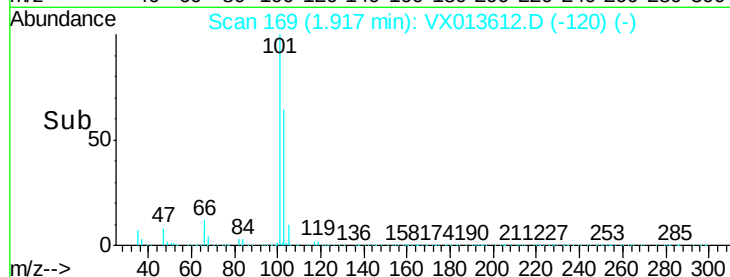
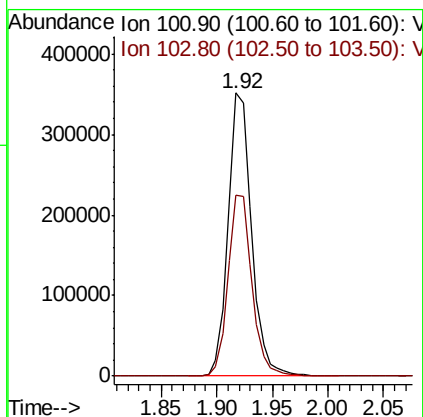
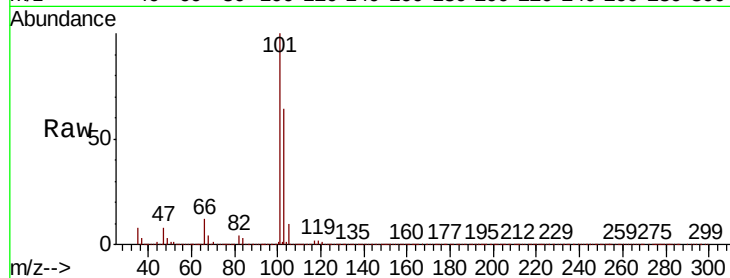


#7

Trichlorofluoromethane
Concen: 50.065 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :

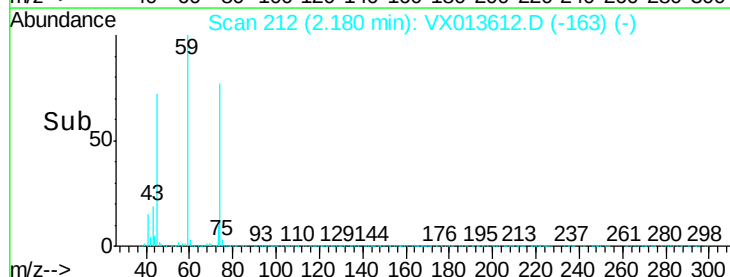
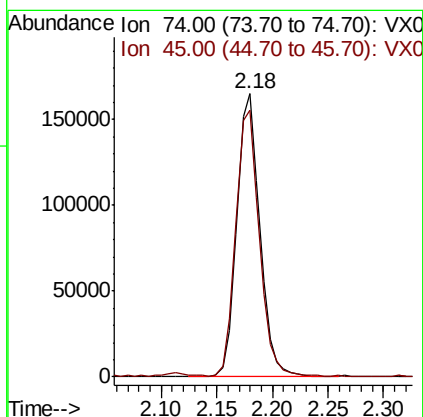
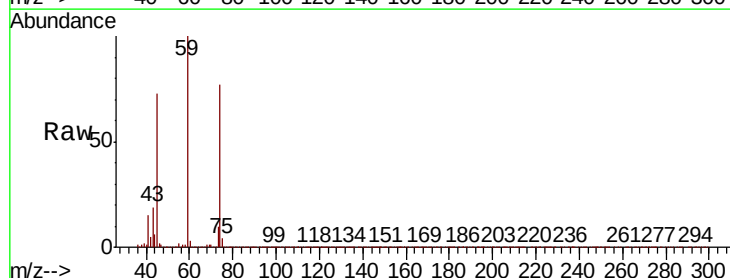
Tot Ion:101 Resp: 512881
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

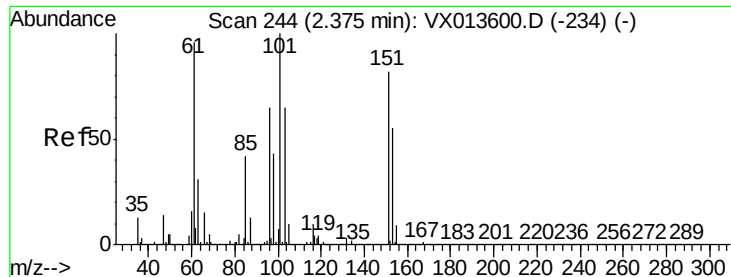


#8

Diethyl Ether
Concen: 51.097 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion: 74 Resp: 236812
Ion Ratio Lower Upper
74 100
45 96.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.575 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

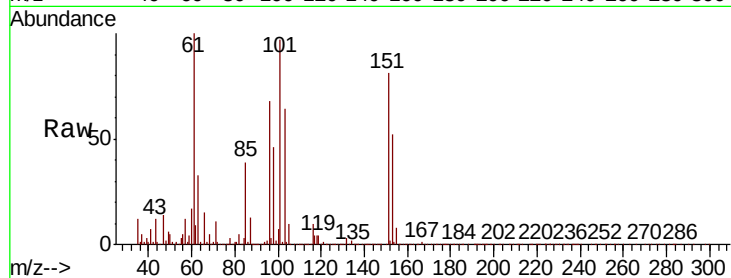
Tot Ion:101 Resp: 310207

Ion Ratio Lower Upper

101 100

85 41.7 33.9 50.9

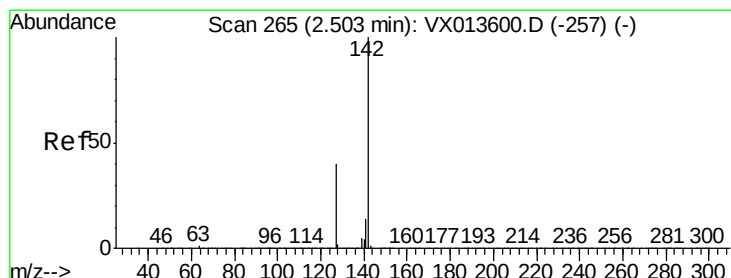
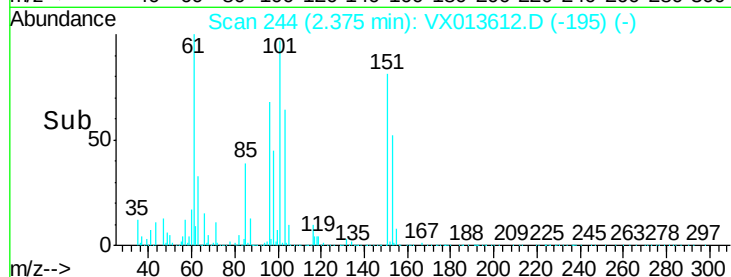
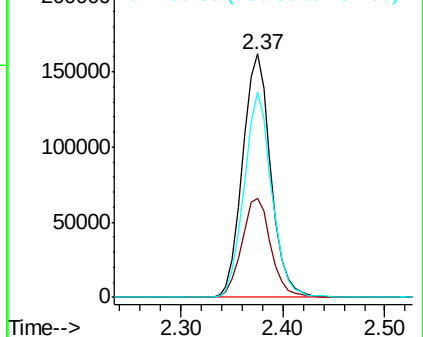
151 82.6 64.2 96.2



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: 54.513 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

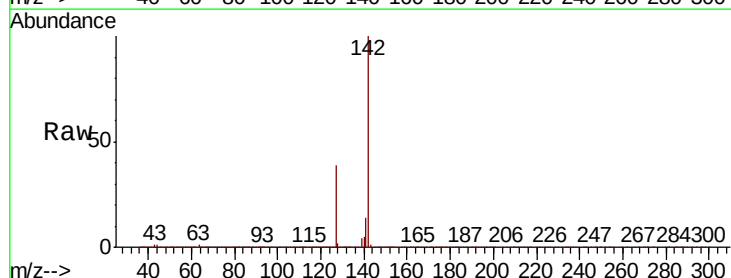
Tgt Ion:142 Resp: 412621

Ion Ratio Lower Upper

142 100

127 38.5 31.0 46.4

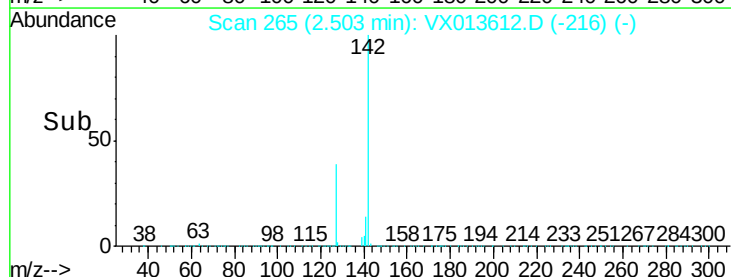
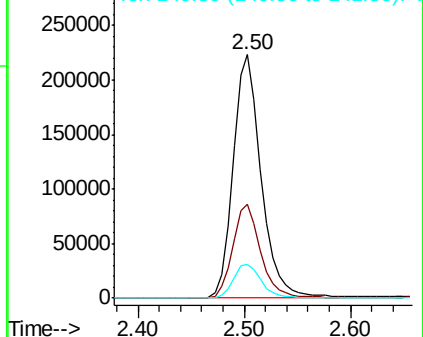
141 14.1 11.6 17.4

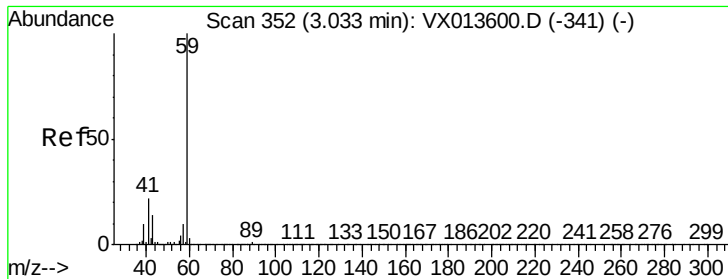


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



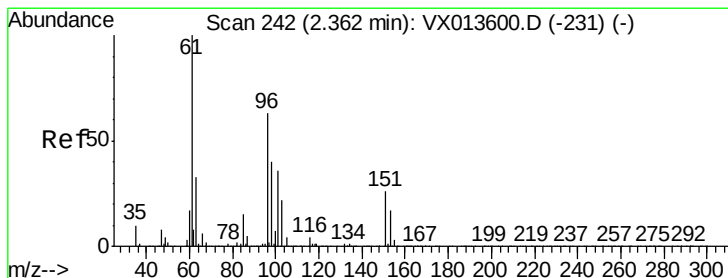
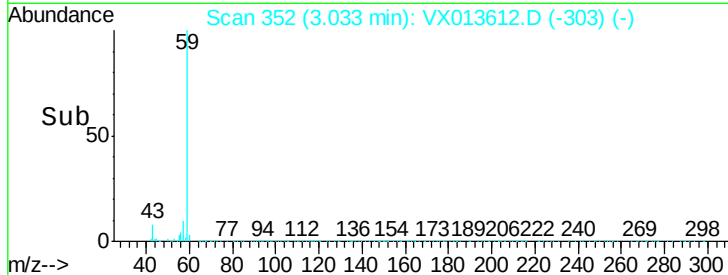
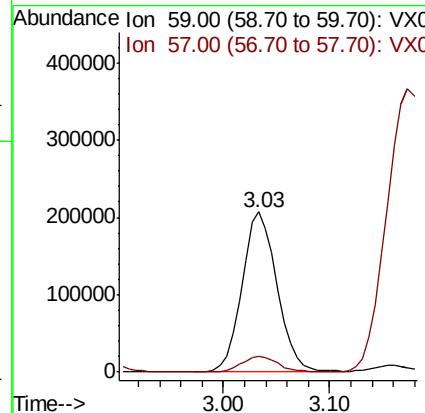
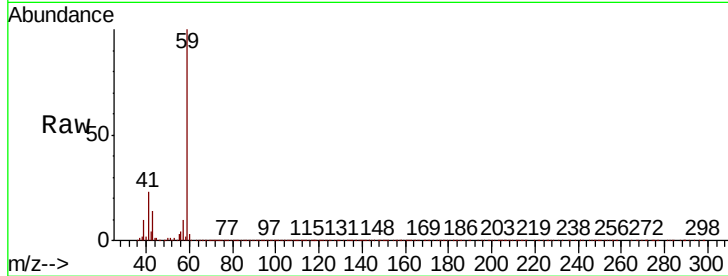


#11

Tert butyl alcohol
 Concen: 252.974 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :

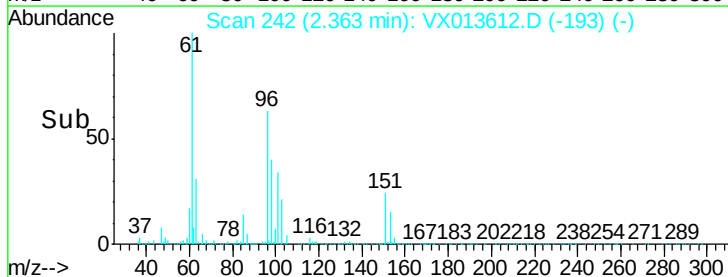
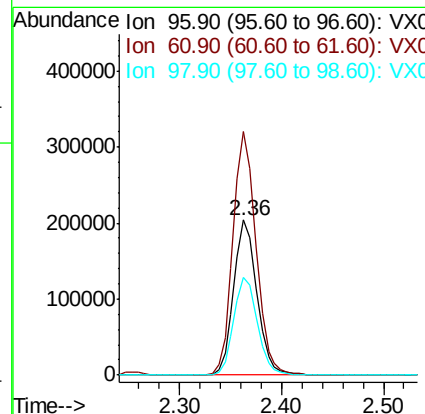
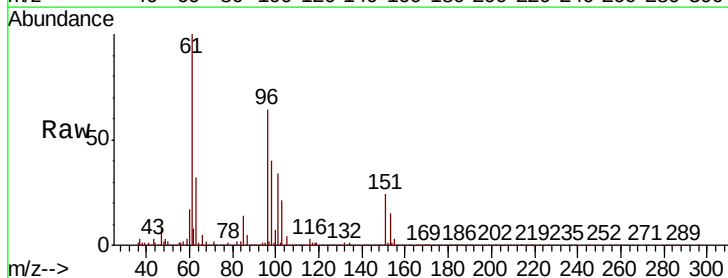
Tot Ion: 59 Resp: 475698
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.6

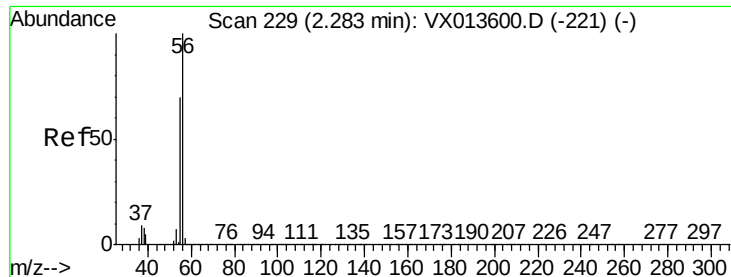


#12

1,1-Dichloroethene
 Concen: 51.345 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion: 96 Resp: 320691
 Ion Ratio Lower Upper
 96 100
 61 157.2 126.6 190.0
 98 62.7 50.6 76.0





#13

Acrolein

Concen: 267.378 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

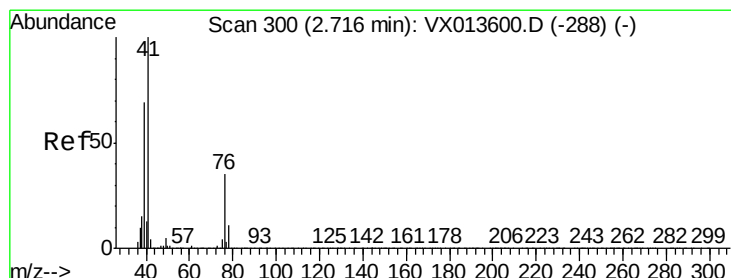
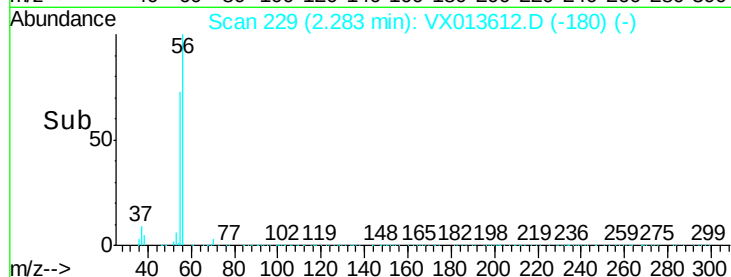
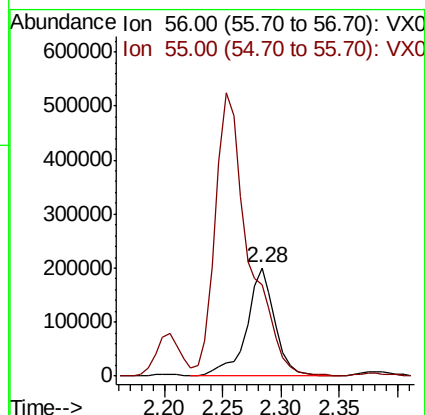
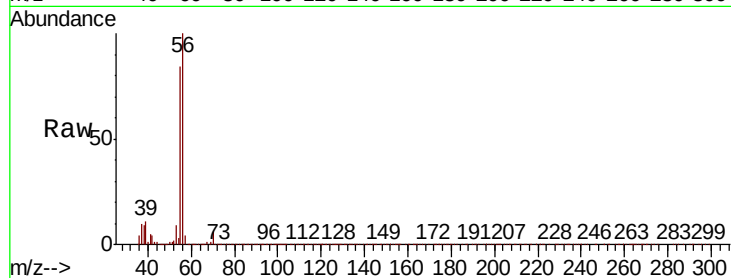
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 336785

Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.4#



#14

Allyl chloride

Concen: 52.236 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

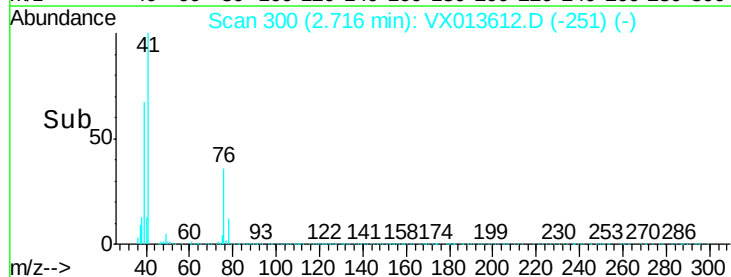
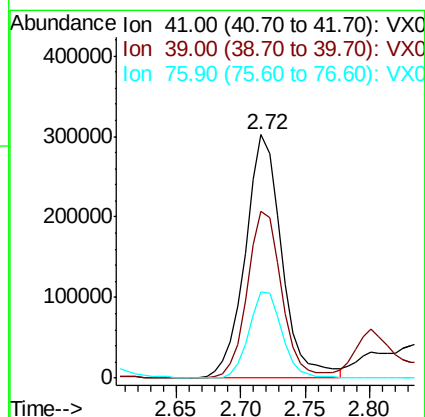
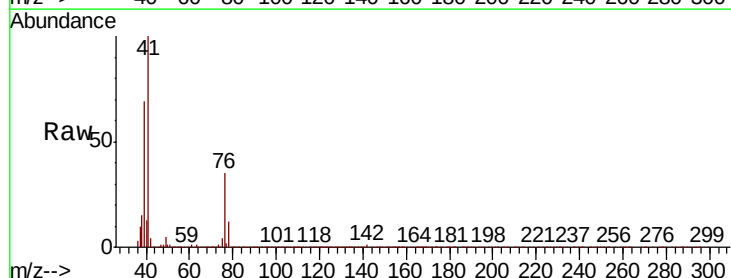
Tgt Ion: 41 Resp: 592082

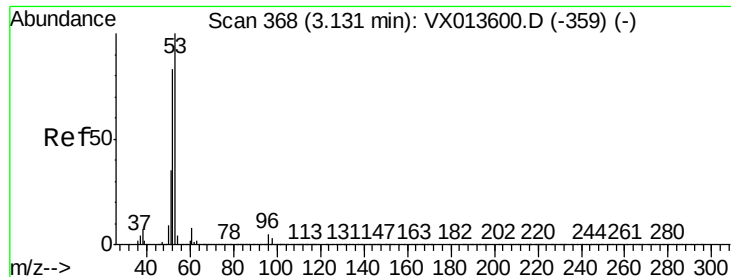
Ion Ratio Lower Upper

41 100

39 63.7 51.7 77.5

76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 257.825 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

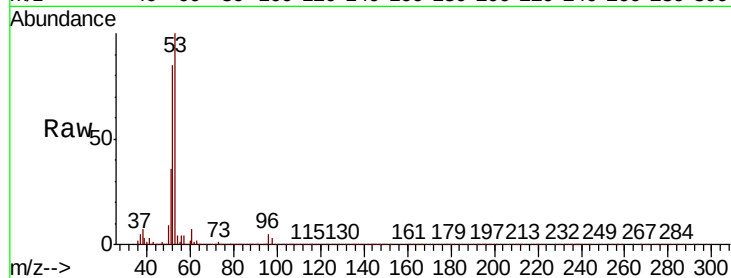
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 1000755

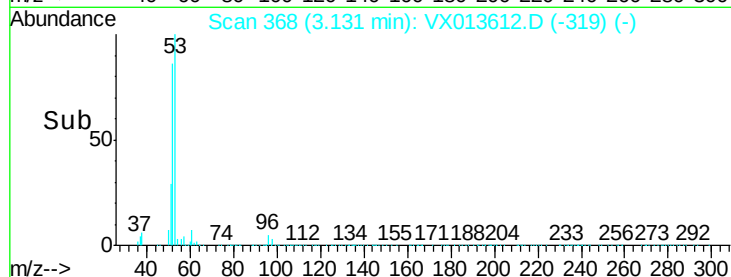
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.2	99.2
51	36.7	29.0	43.6



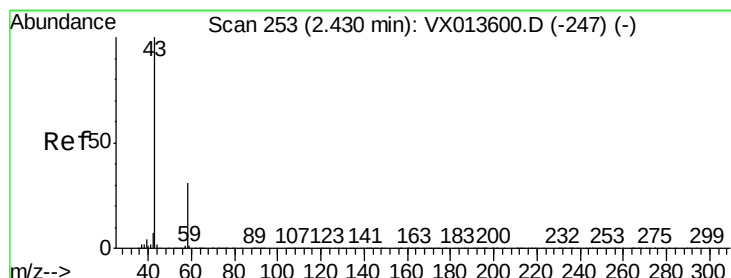
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 224.091 ug/l

RT: 2.43 min Scan# 253

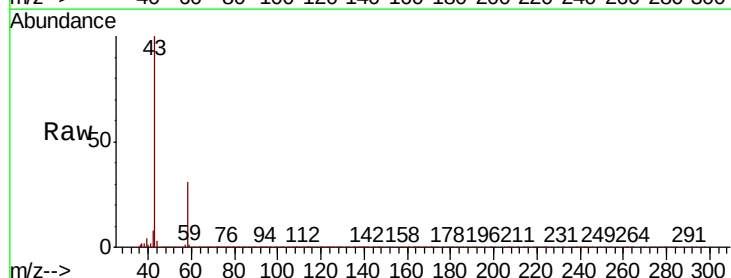
Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

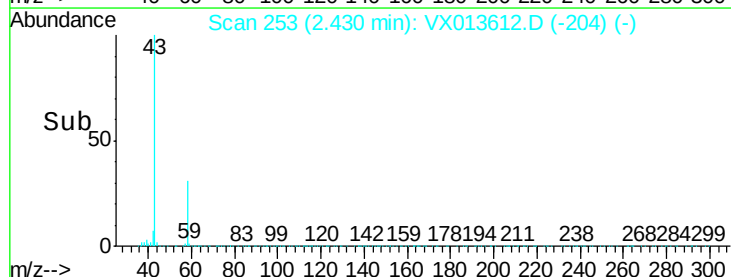
Tgt Ion: 43 Resp: 842853

Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.6	36.8

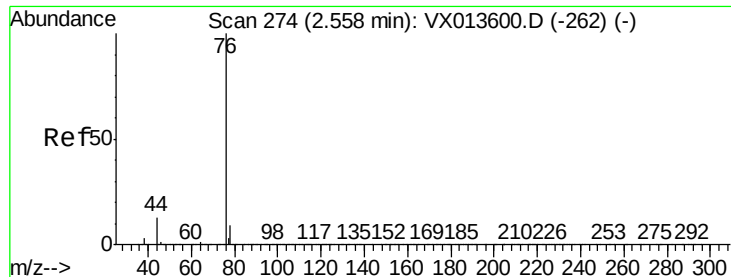


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 49.675 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

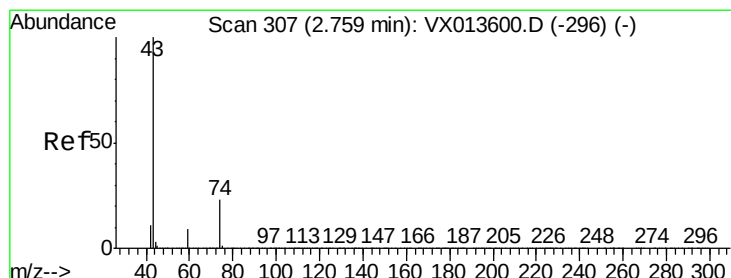
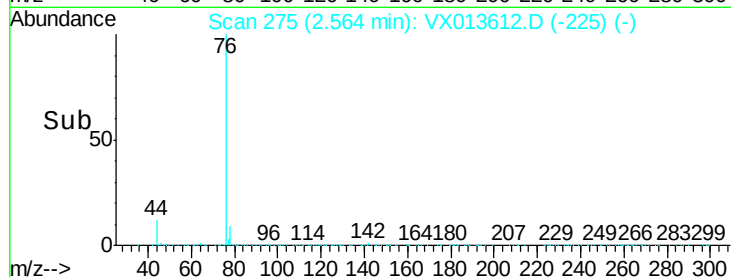
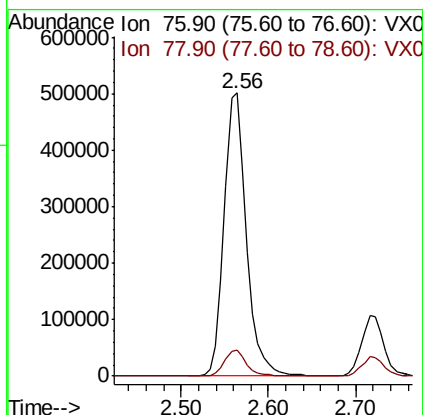
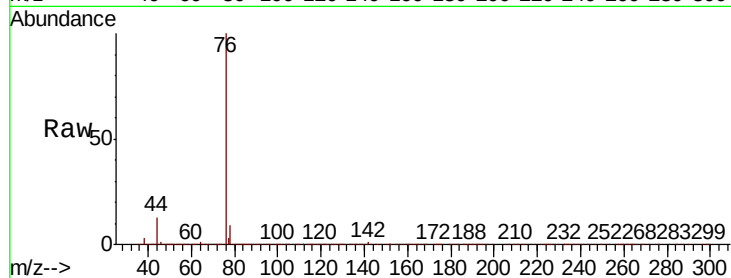
ClientSampled :

Tot Ion: 76 Resp: 884468

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 52.782 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013612.D

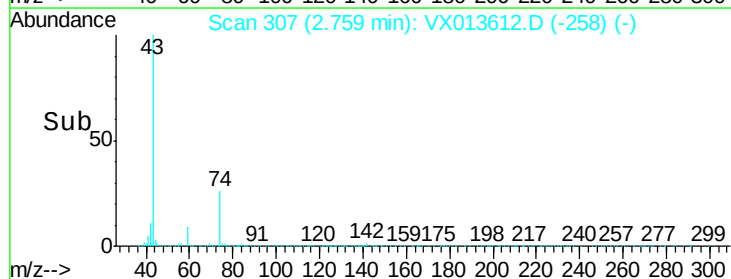
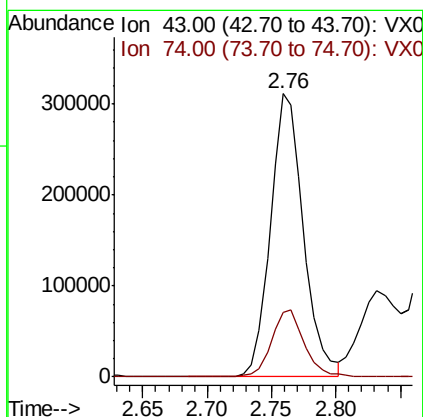
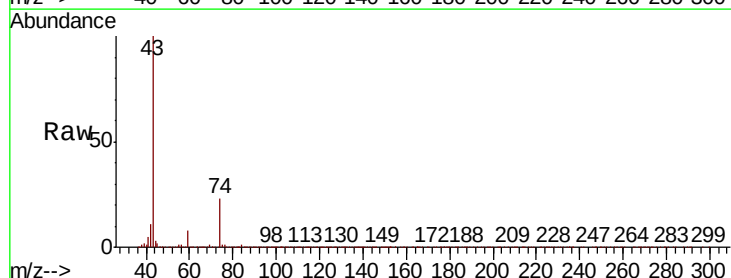
Acq: 26 Nov 2019 20:30

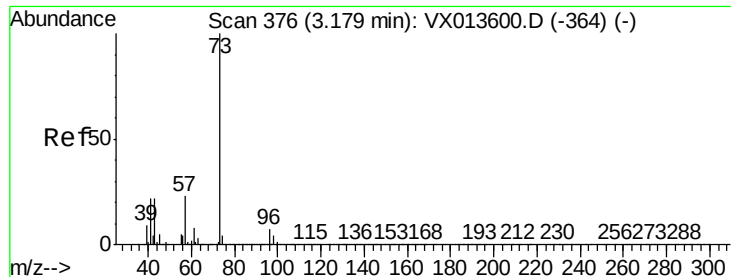
Tgt Ion: 43 Resp: 552812

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3



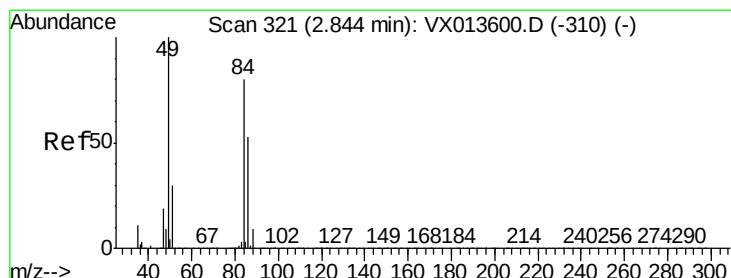
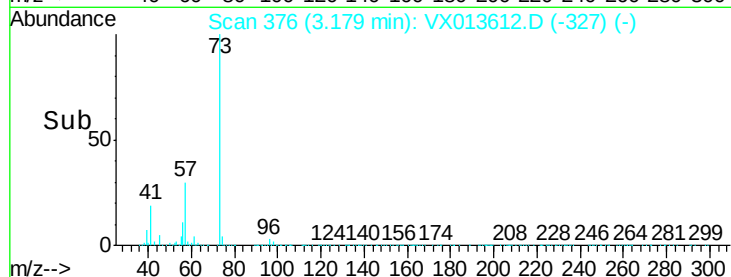
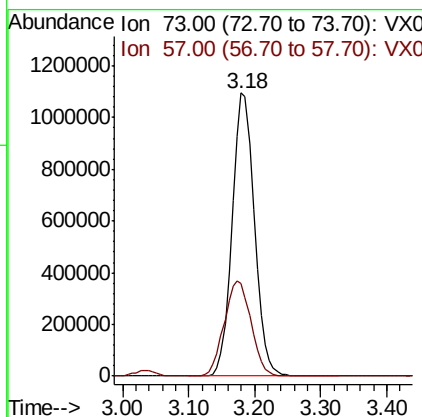
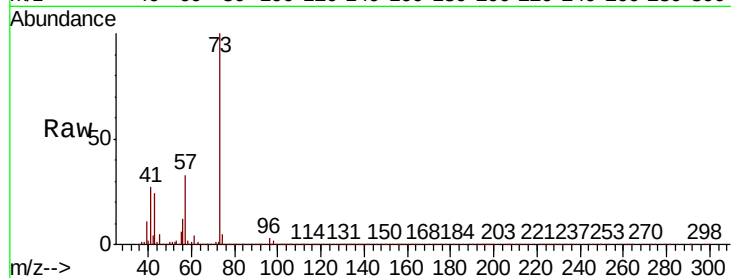


#19

Methyl tert-butyl Ether
Concen: 123.370 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampled :

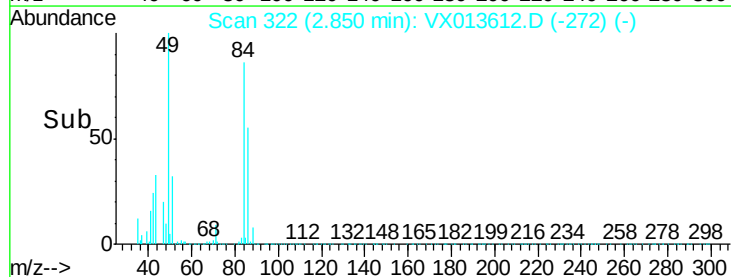
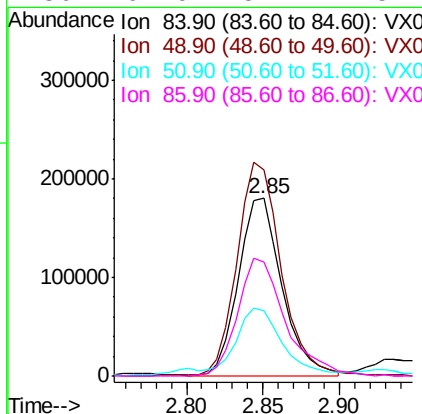
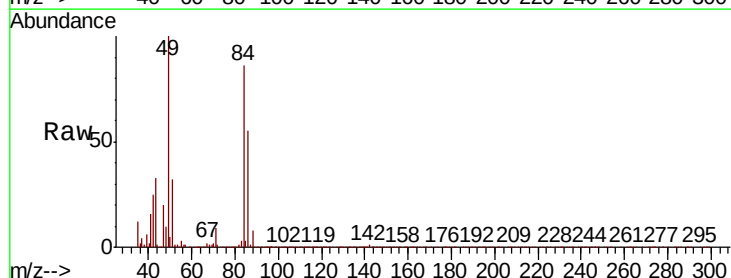
Tot Ion: 73 Resp: 2552663
Ion Ratio Lower Upper
73 100
57 32.5 18.3 27.5#

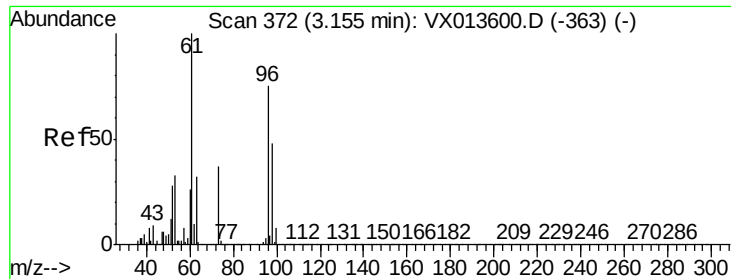


#20

Methylene Chloride
Concen: 49.101 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion: 84 Resp: 354802
Ion Ratio Lower Upper
84 100
49 116.0 99.7 149.5
51 35.4 29.9 44.9
86 64.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.280 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :

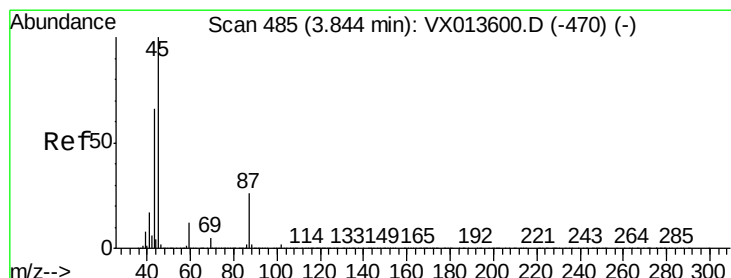
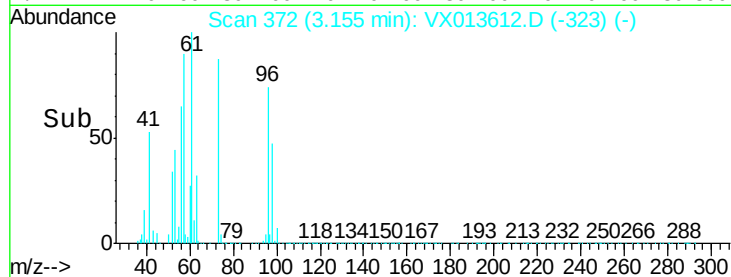
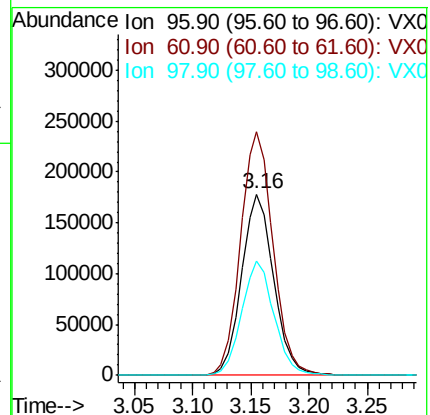
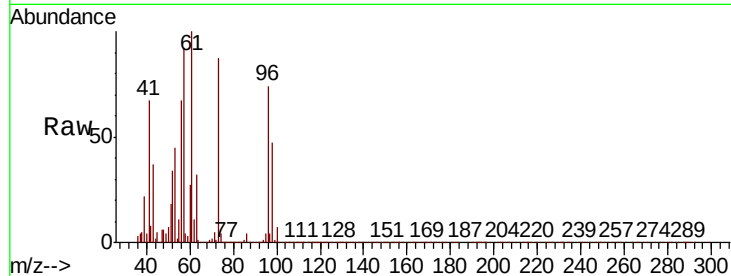
Tot Ion: 96 Resp: 342116

Ion Ratio Lower Upper

96 100

61 134.4 107.2 160.8

98 62.7 51.4 77.0



#22

Diisopropyl ether

Concen: 53.200 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion: 45 Resp: 1161096

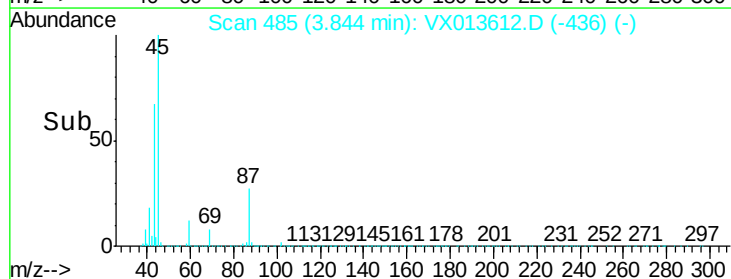
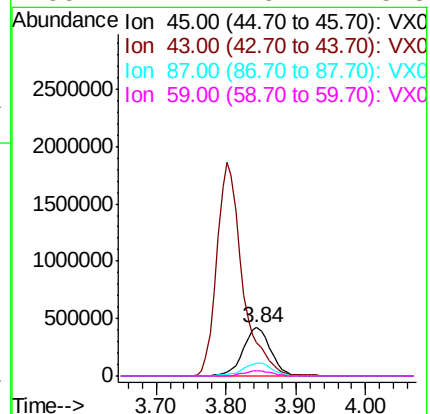
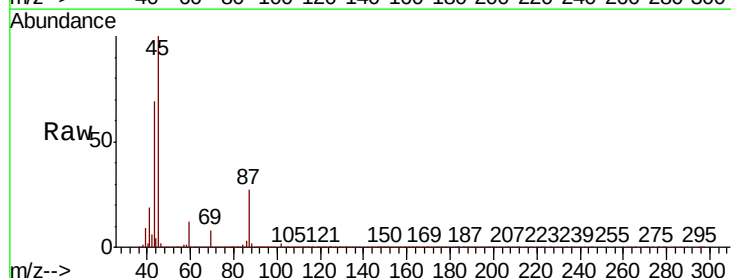
Ion Ratio Lower Upper

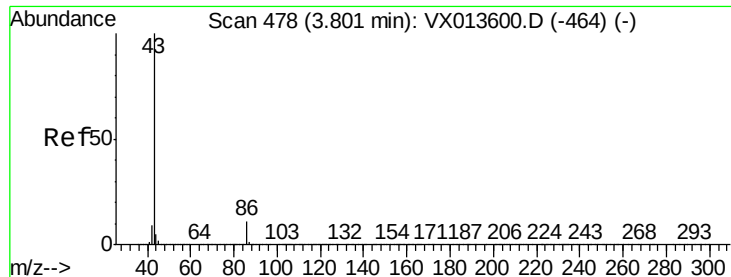
45 100

43 67.9 52.6 79.0

87 26.9 21.1 31.7

59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 261.089 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

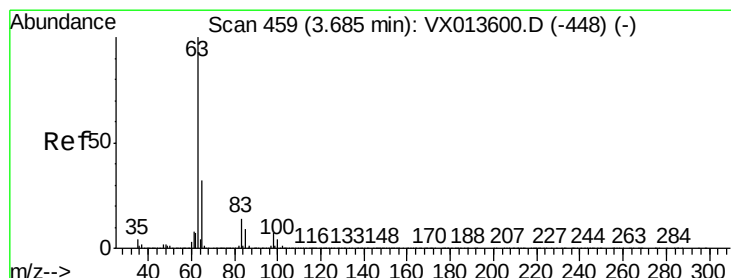
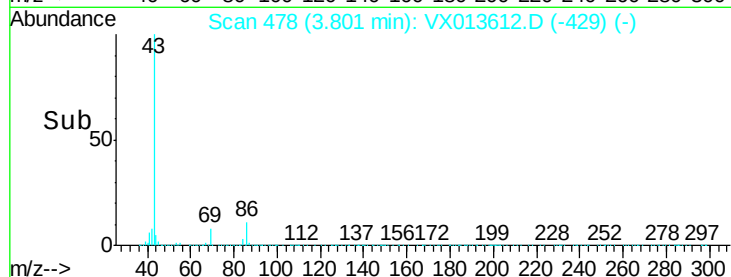
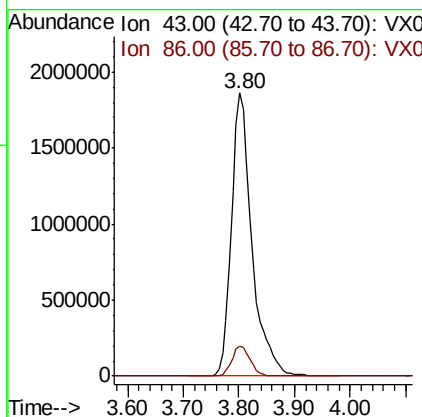
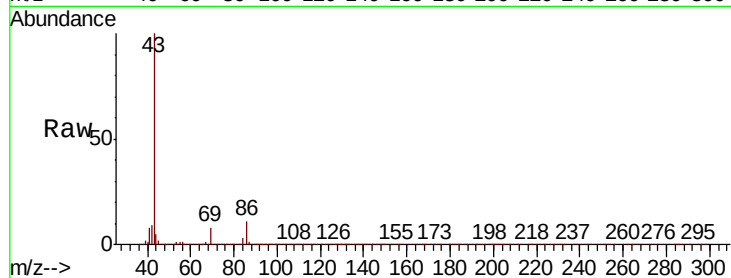
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4740433

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 51.592 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

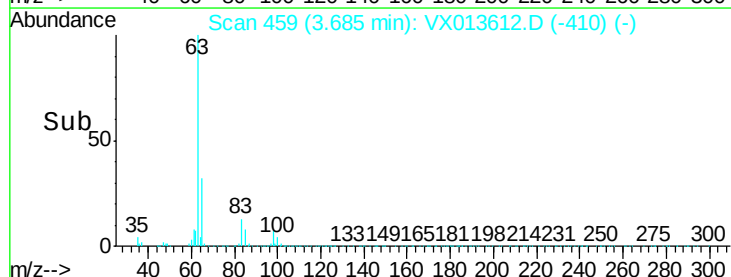
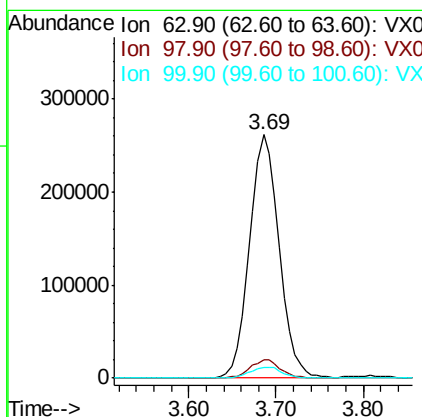
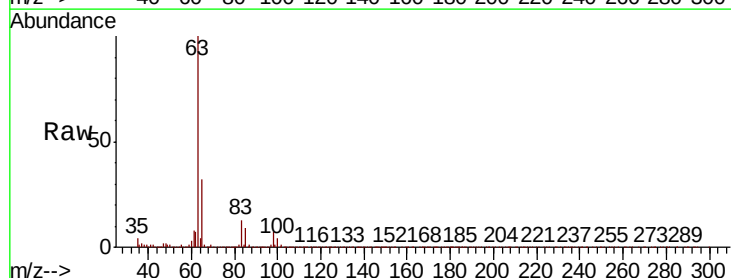
Tgt Ion: 63 Resp: 615549

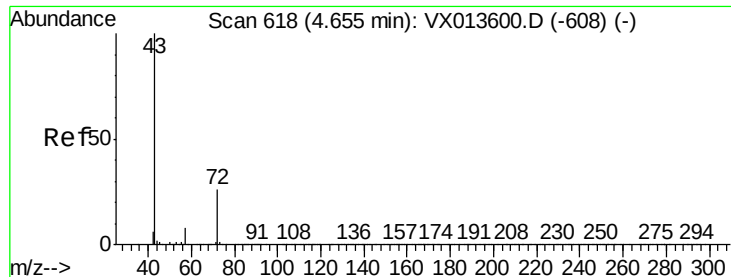
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 247.734 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

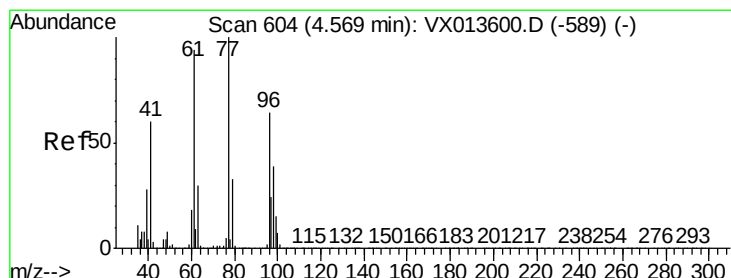
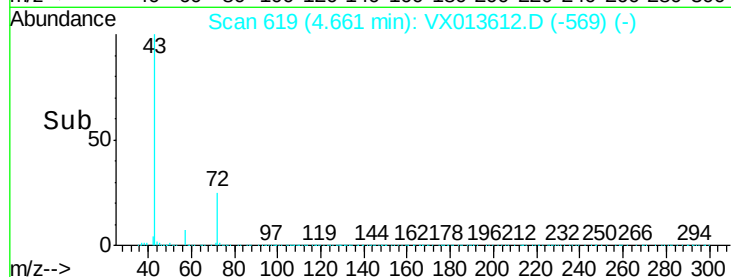
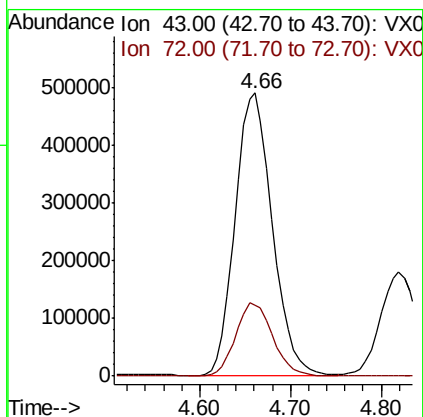
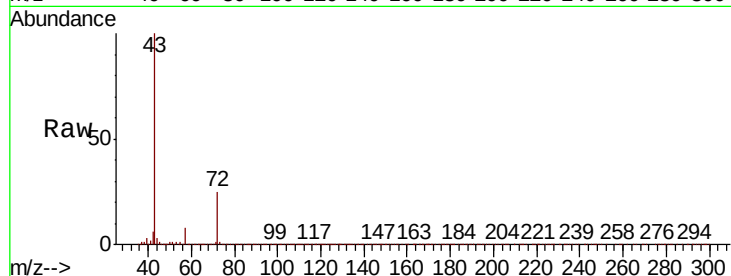
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1384799

Ion Ratio Lower Upper

43 100

72 25.1 20.6 31.0



#26

2,2-Dichloropropane

Concen: 47.610 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013612.D

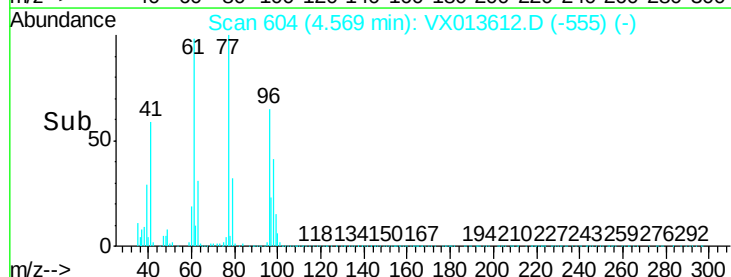
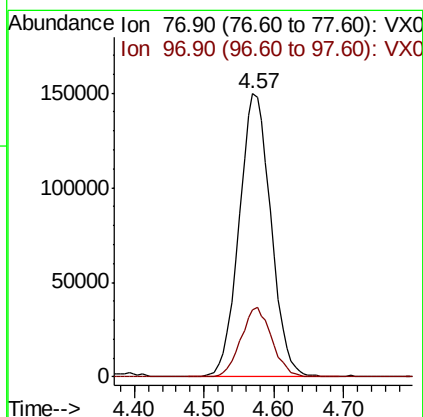
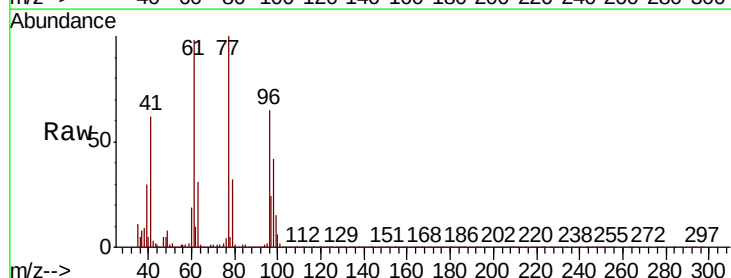
Acq: 26 Nov 2019 20:30

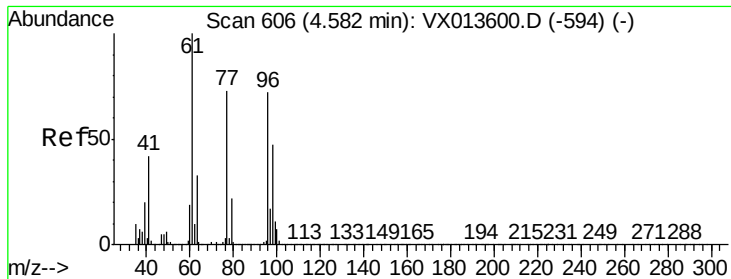
Tgt Ion: 77 Resp: 469983

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1



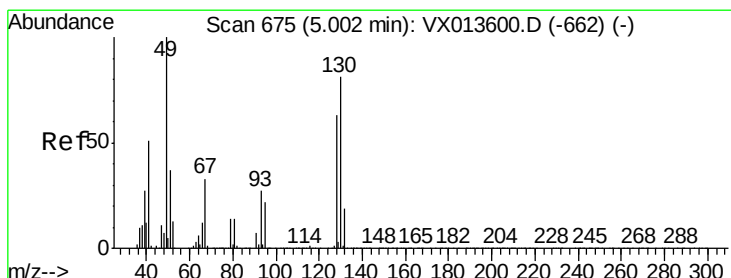
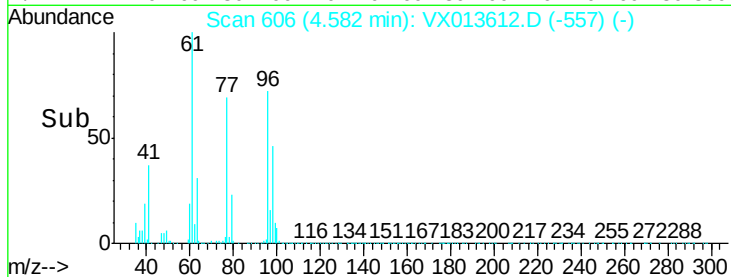
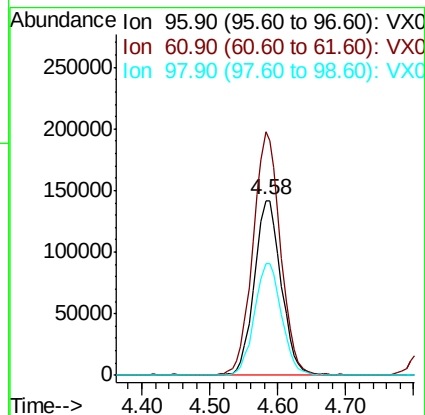
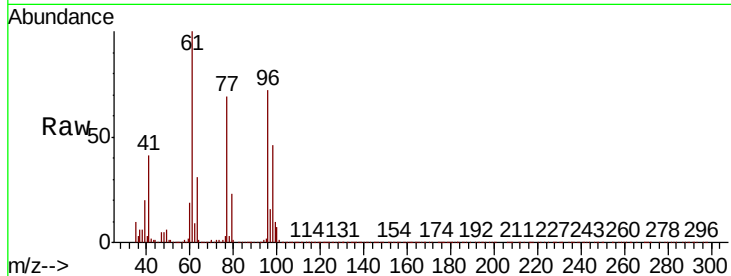


#27

cis-1,2-Dichloroethene
Concen: 50.067 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :

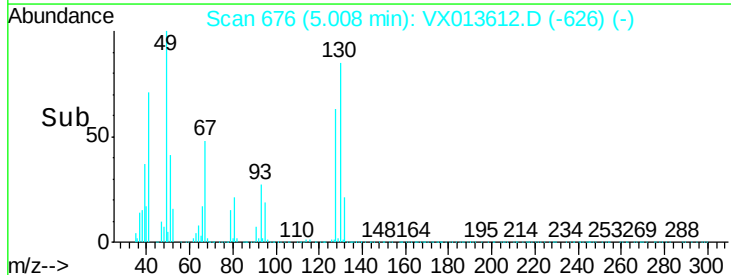
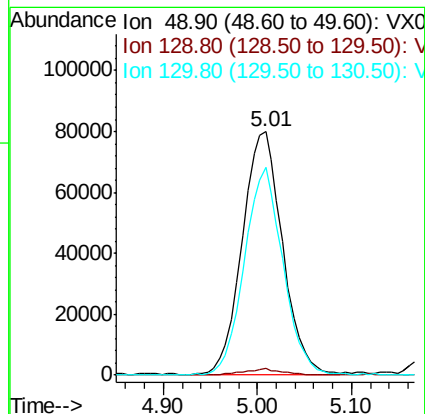
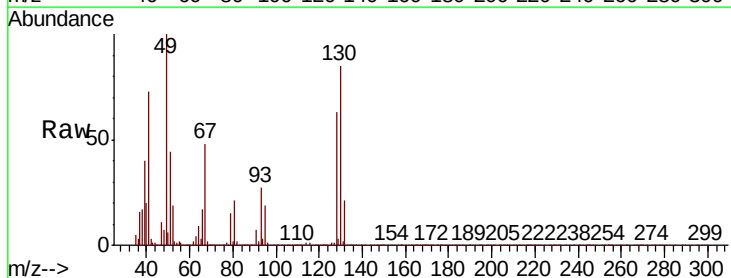
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	286.4
98	64.7	0.0	127.4

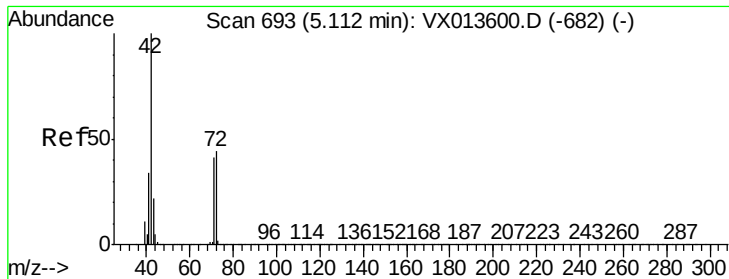


#28

Bromochloromethane
Concen: 50.486 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	82.2	65.4	98.0

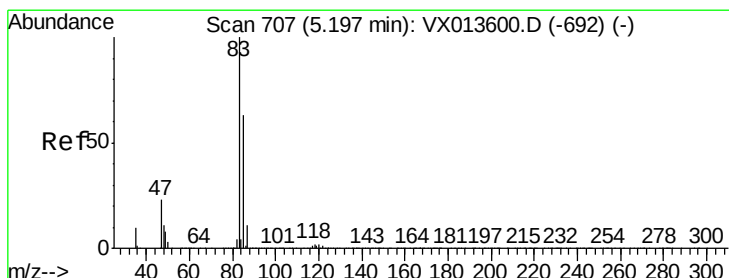
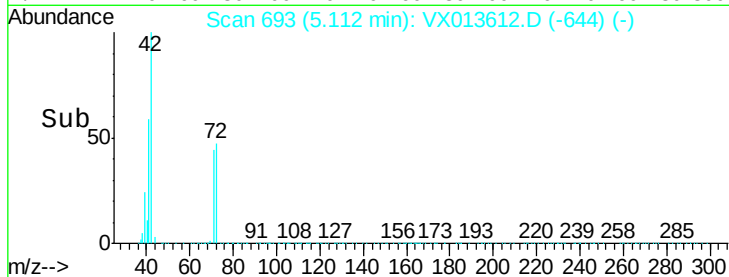
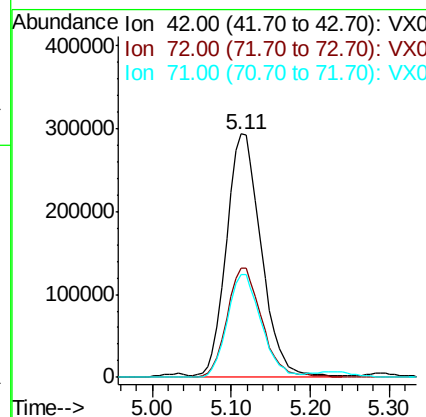
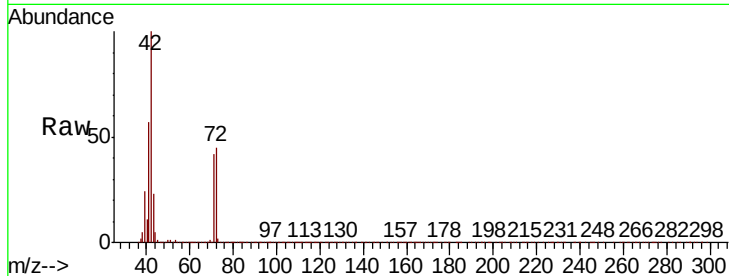




#29
Tetrahydrofuran
Concen: 260.986 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

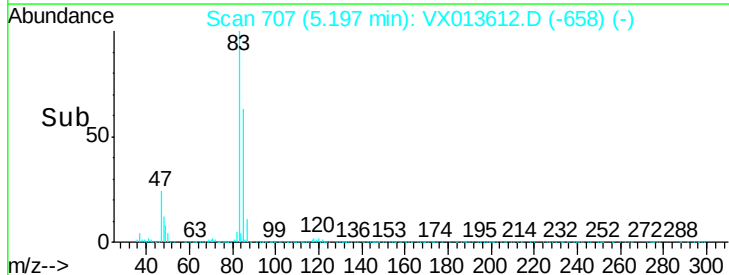
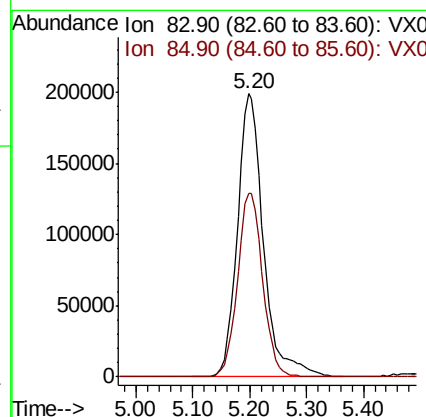
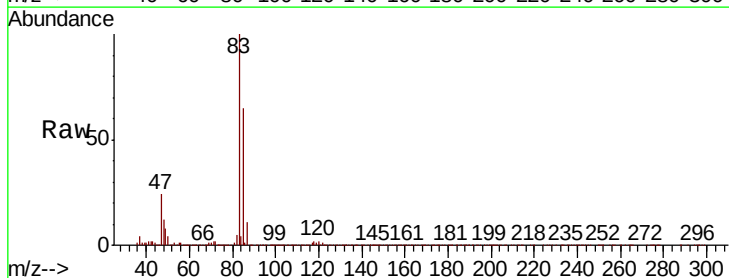
Instrument :
MSVOA_X
ClientSampleId :

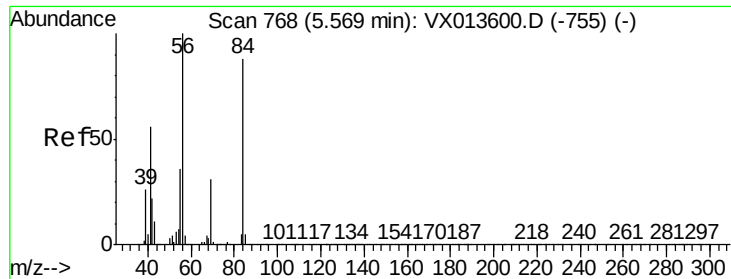
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	36.3	54.5
71	41.3	33.2	49.8



#30
Chloroform
Concen: 52.080 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.2	75.4

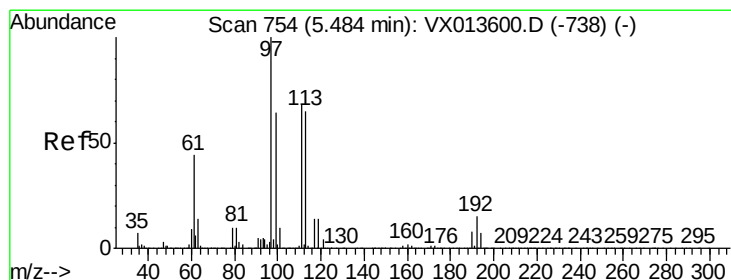
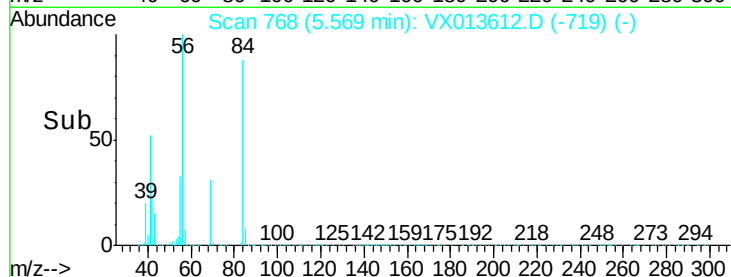
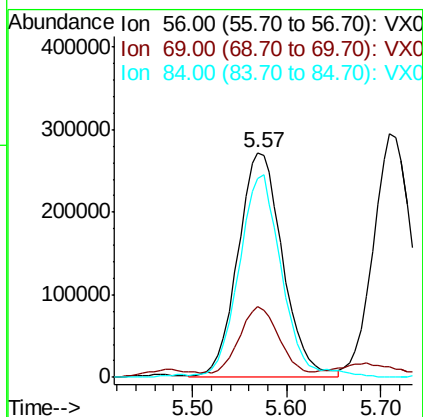
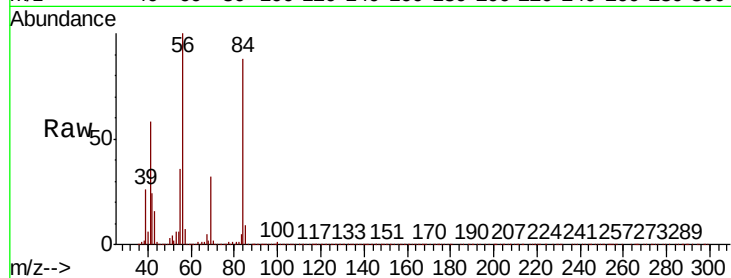




#31
Cyclohexane
Concen: 79.989 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

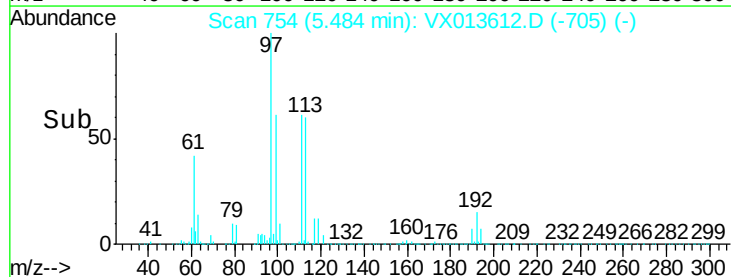
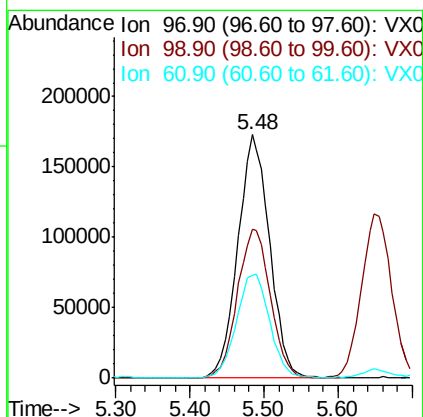
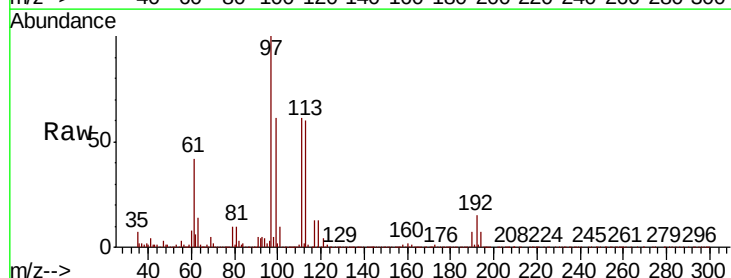
Instrument :
MSVOA_X
ClientSampleId :

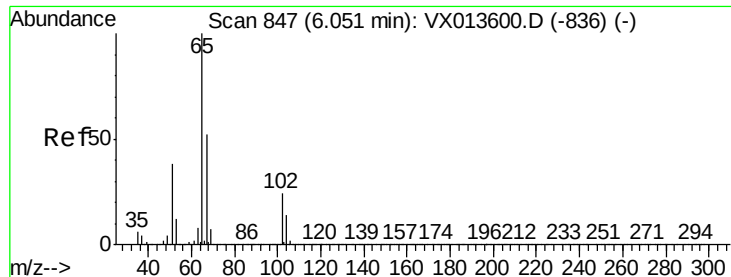
Tot Ion: 56 Resp: 900150
Ion Ratio Lower Upper
56 100
69 29.2 24.6 36.8
84 87.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 51.129 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion: 97 Resp: 516991
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 44.6 36.1 54.1

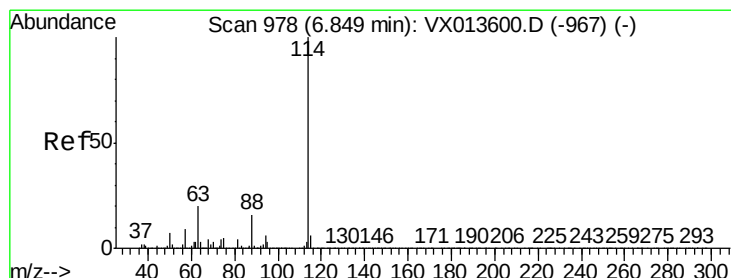
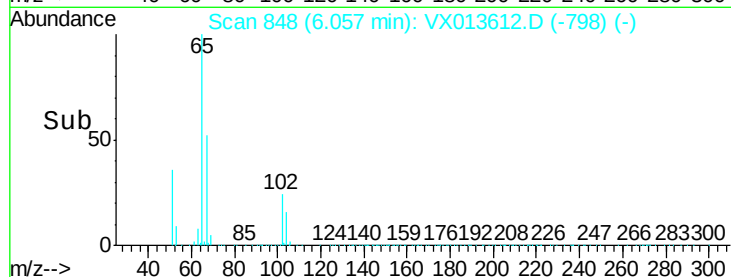
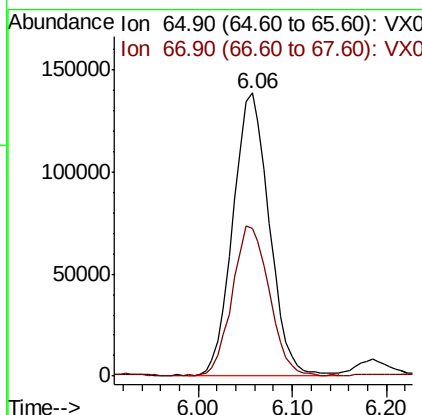
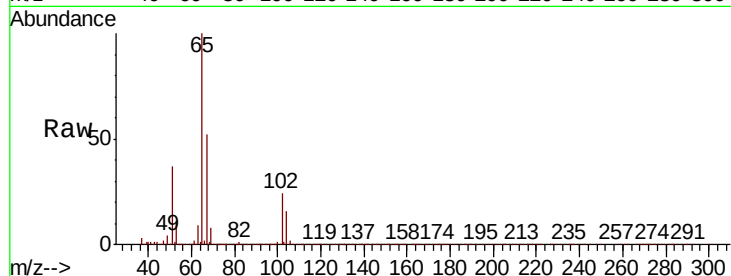




#33
 1,2-Dichloroethane-d4
 Concen: 48.612 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

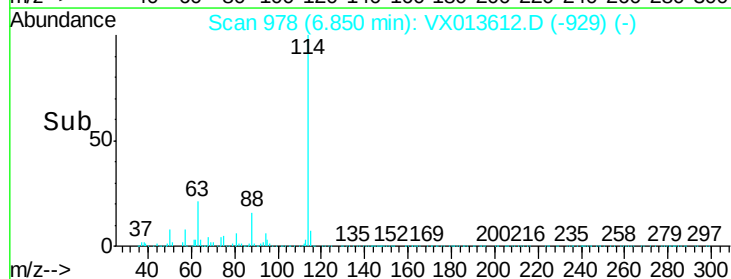
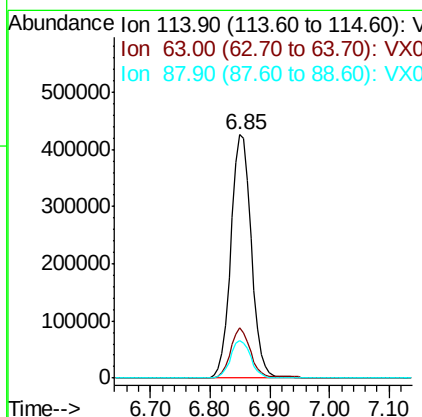
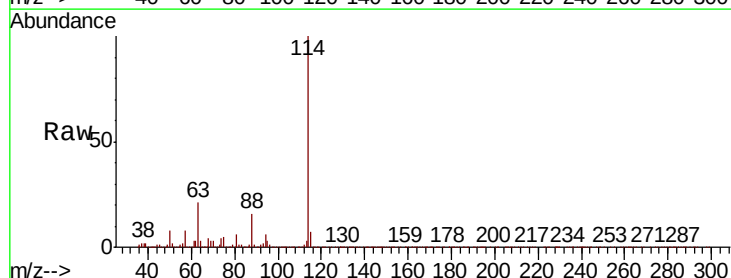
Instrument :
 MSVOA_X
 ClientSampleId :

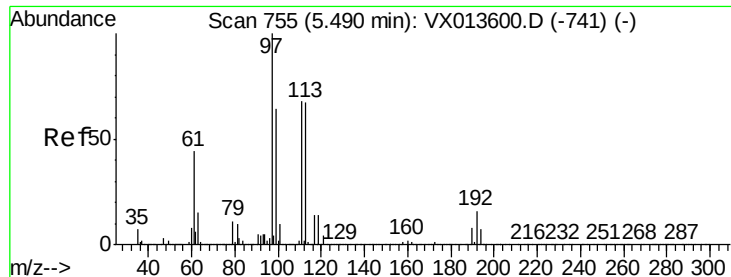
Tot Ion: 65 Resp: 370334
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion: 114 Resp: 1013713
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.765 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampled :

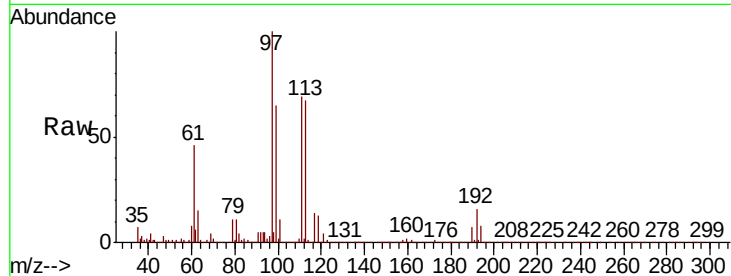
Tot Ion:113 Resp: 311874

Ion Ratio Lower Upper

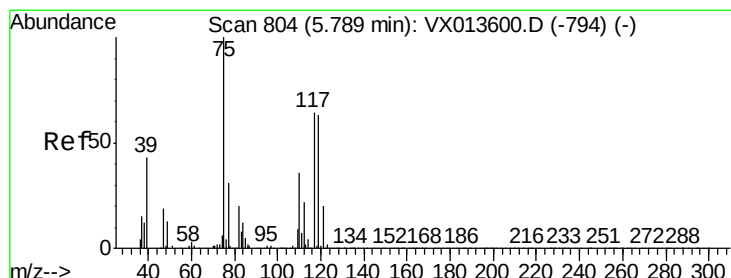
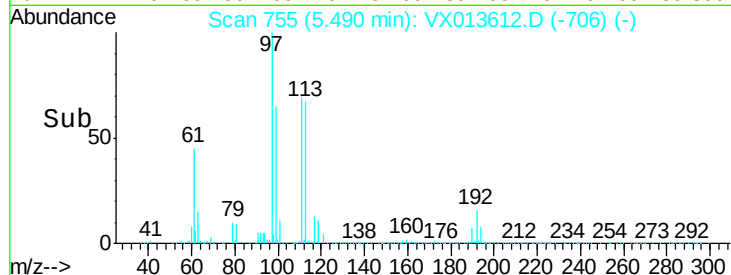
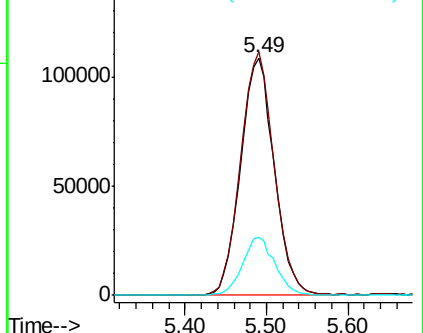
113 100

111 101.8 83.6 125.4

192 23.5 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: 50.944 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

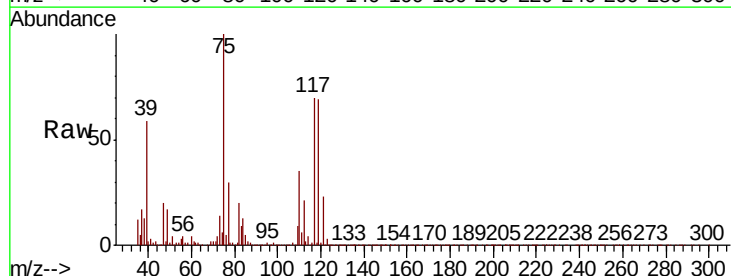
Tgt Ion: 75 Resp: 468789

Ion Ratio Lower Upper

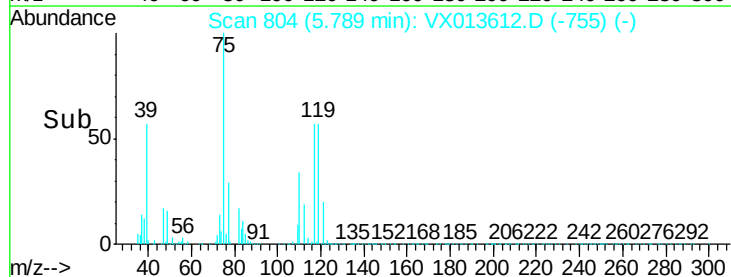
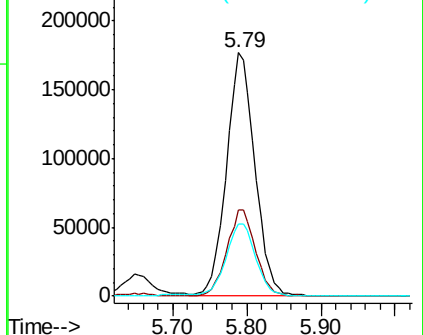
75 100

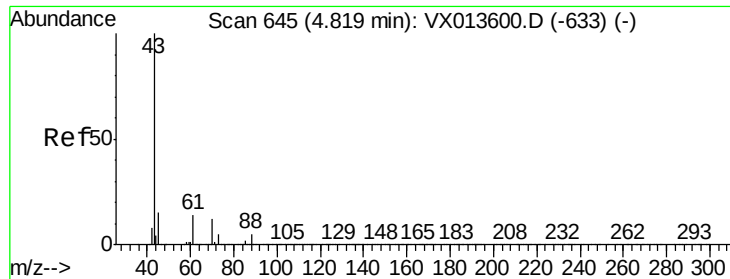
110 35.5 18.1 54.1

77 31.6 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

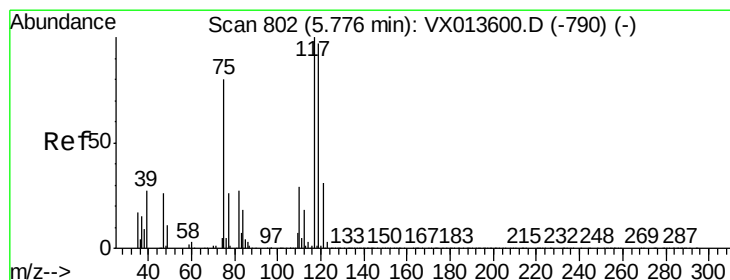
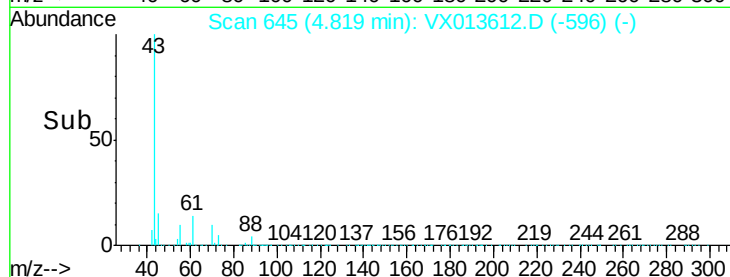
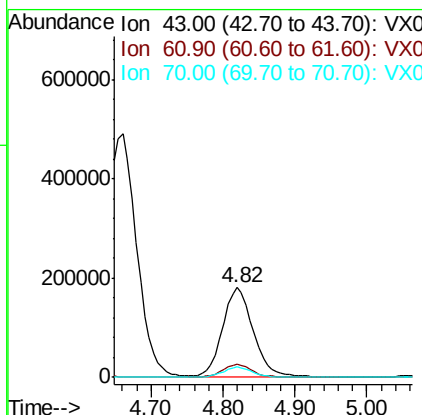
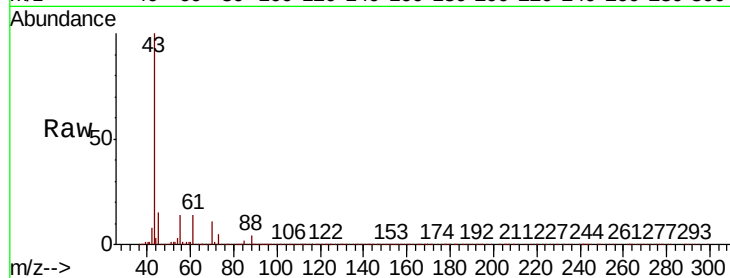




#37
Ethyl Acetate
Concen: 51.470 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

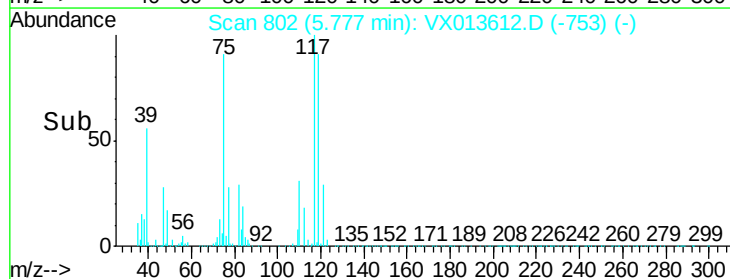
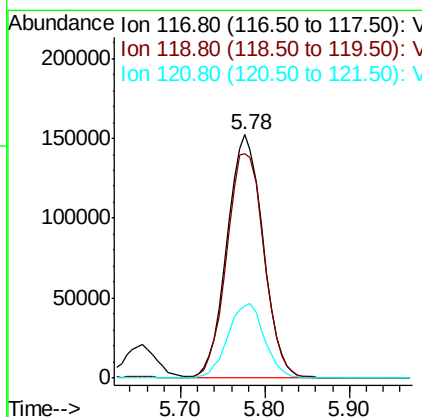
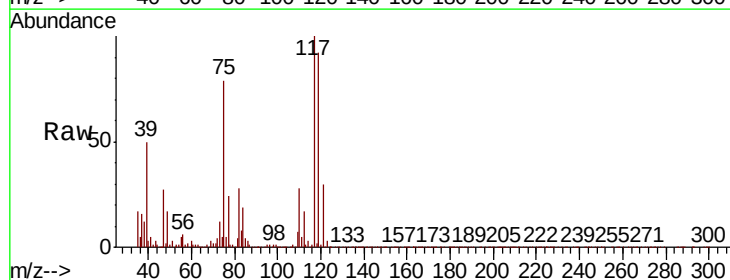
Instrument :
MSVOA_X
ClientSampleId :

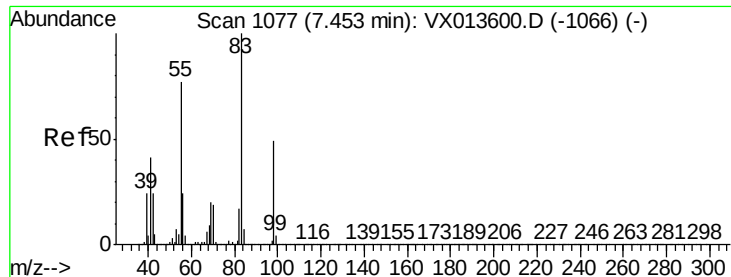
Tot Ion	43	Resp	531338
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.0	16.4
70	10.8	8.6	12.8



#38
Carbon Tetrachloride
Concen: 51.940 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	117	Resp	440713
Ion Ratio	Lower	Upper	
117	100		
119	92.4	77.5	116.3
121	29.5	25.0	37.6

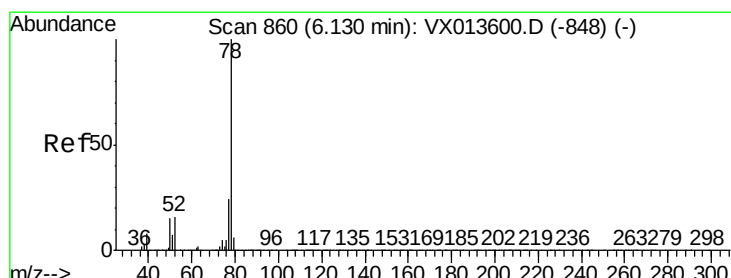
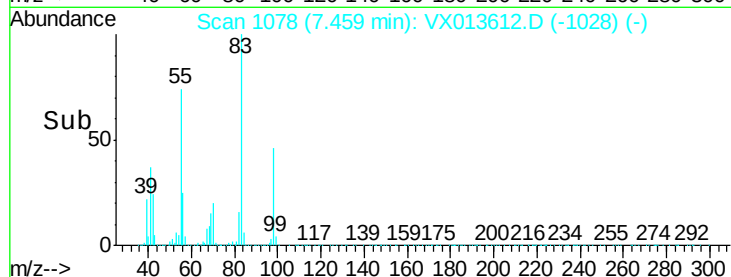
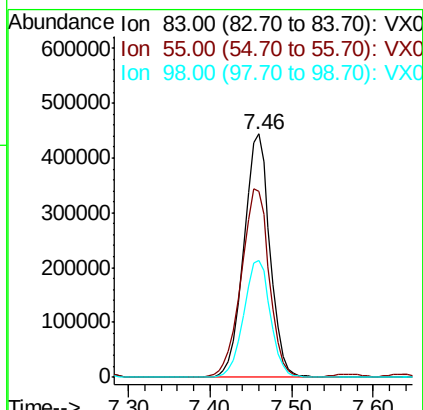
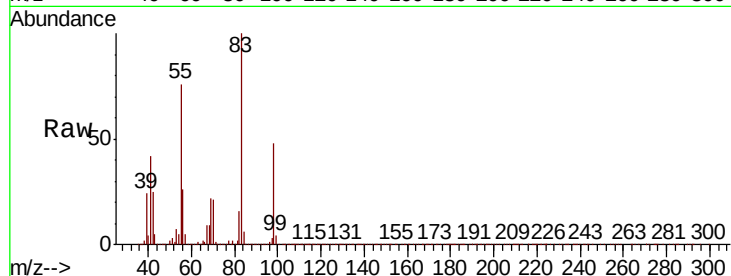




#39
Methylvlcyclohexane
Concen: 86.577 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

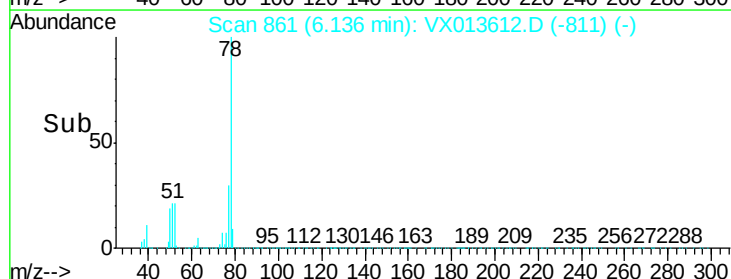
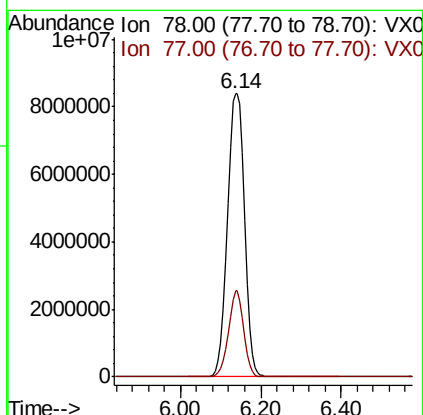
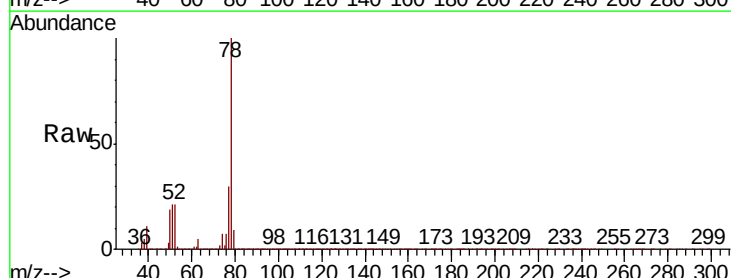
Instrument :
MSVOA_X
ClientSampleId :

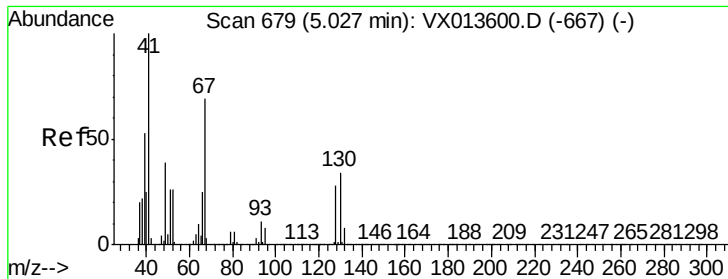
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.9	92.9
98	47.7	39.4	59.0



#40
Benzene
Concen: 901.082 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	30.4	19.0	28.4#

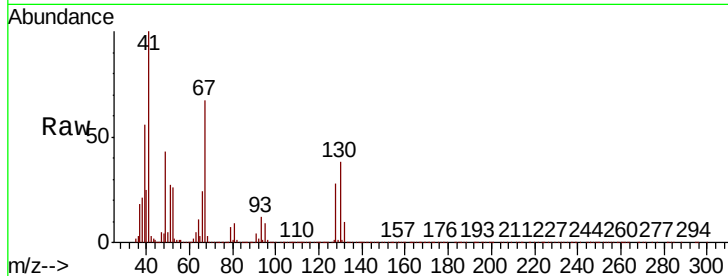




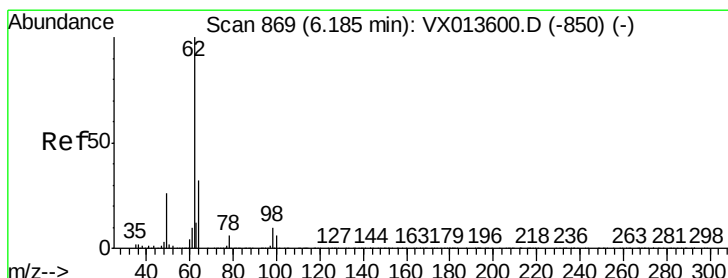
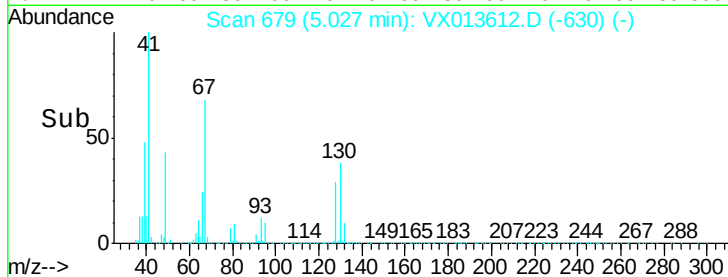
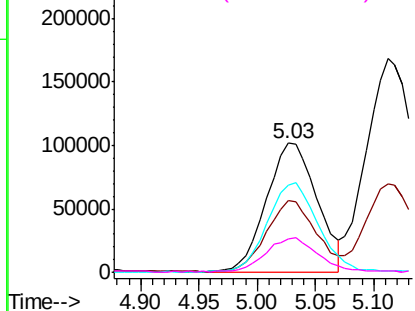
#41
Methacrylonitrile
Concen: 53.785 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	304499
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.9	64.3
67	69.8	57.4	86.0
52	27.6	22.4	33.6

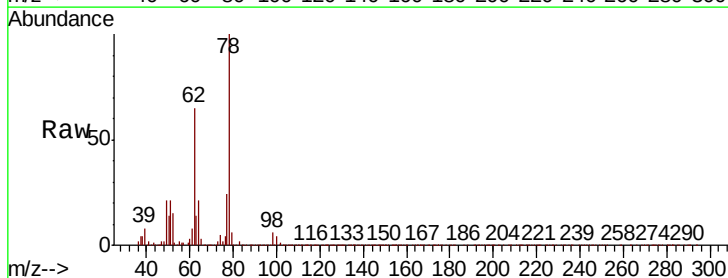


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

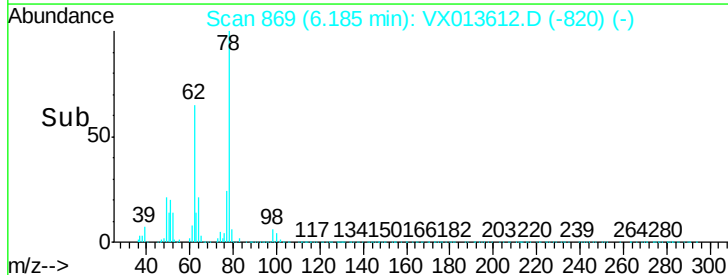
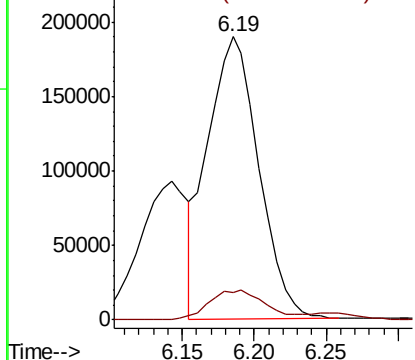


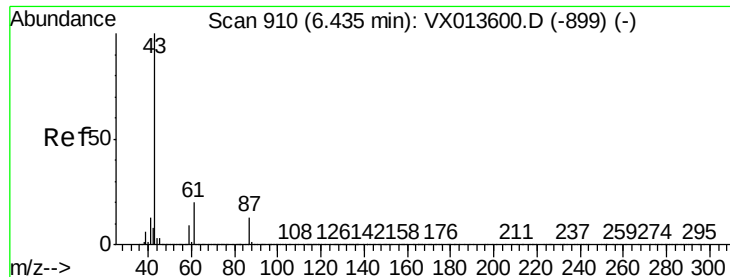
#42
1,2-Dichloroethane
Concen: 48.881 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion:	62	Resp:	467213
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 348.287 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

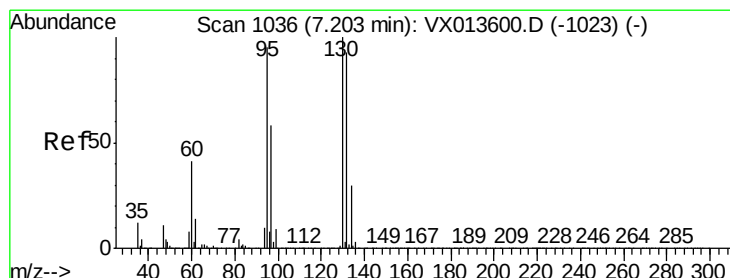
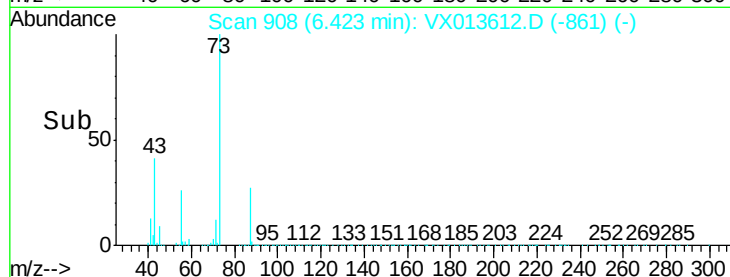
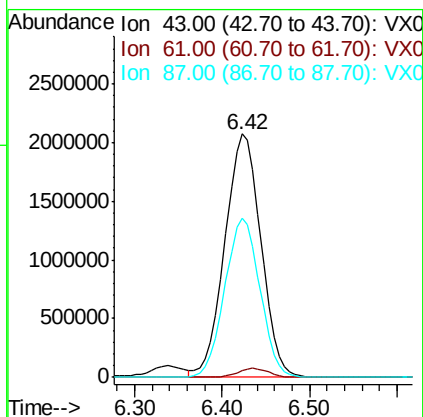
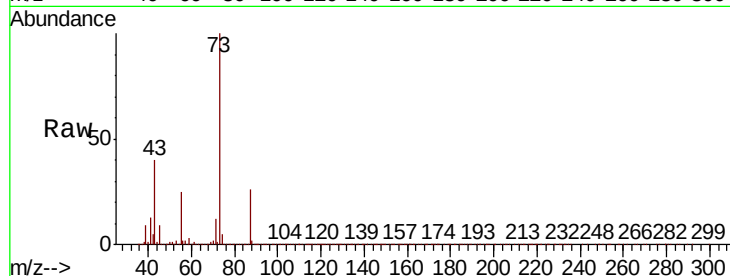
Tot Ion: 43 Resp: 5919231

Ion Ratio Lower Upper

43 100

61 3.2 16.3 24.5#

87 64.0 10.8 16.2#



#44

Trichloroethene

Concen: 49.404 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013612.D

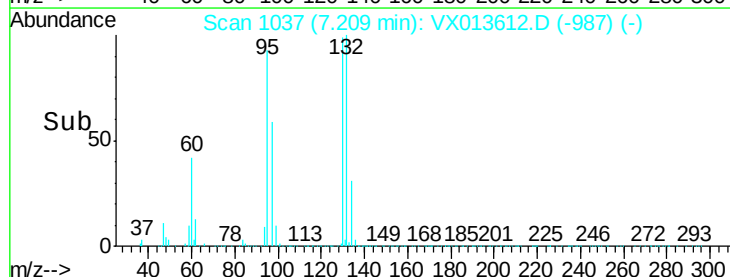
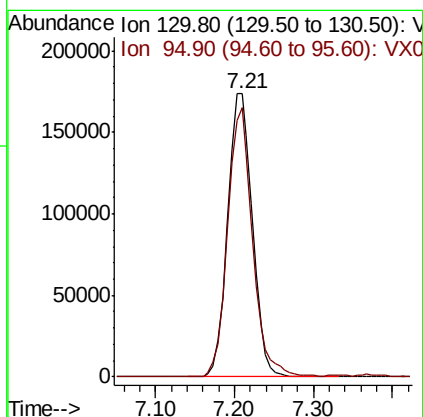
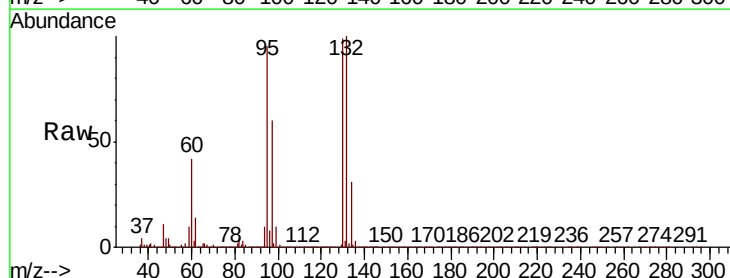
Acq: 26 Nov 2019 20:30

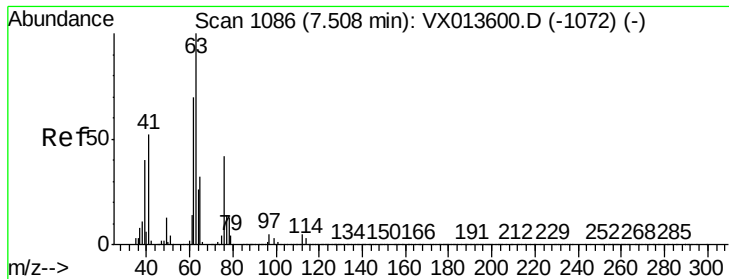
Tgt Ion: 130 Resp: 380002

Ion Ratio Lower Upper

130 100

95 95.1 0.0 190.8





#45

1,2-Dichloropropane

Concen: 51.920 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

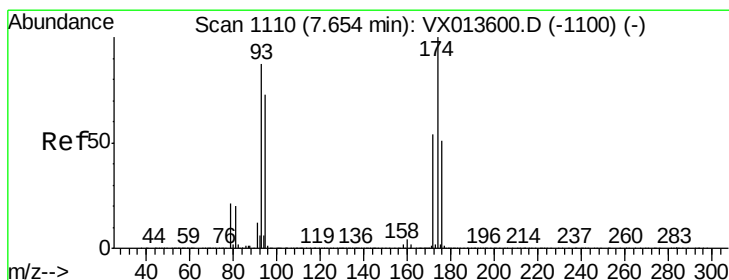
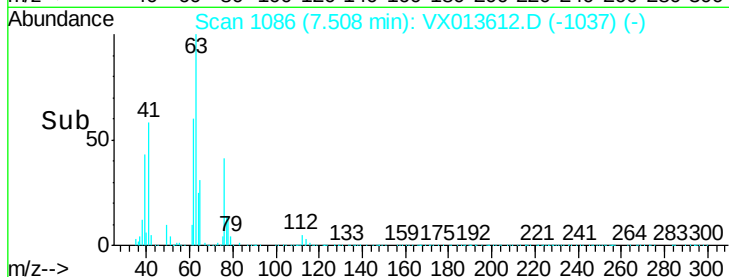
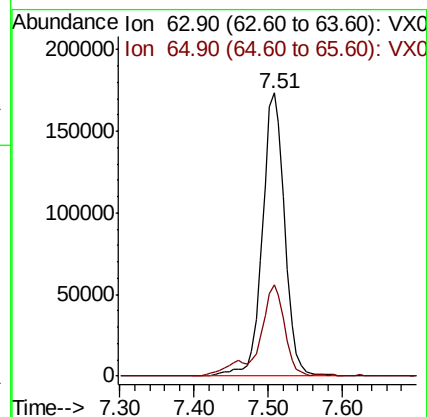
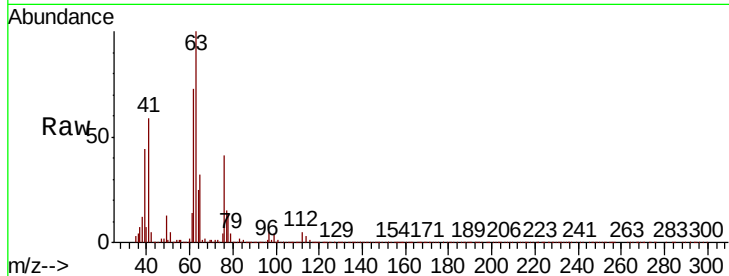
ClientSampleId :

Tot Ion: 63 Resp: 364066

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#46

Dibromomethane

Concen: 49.219 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

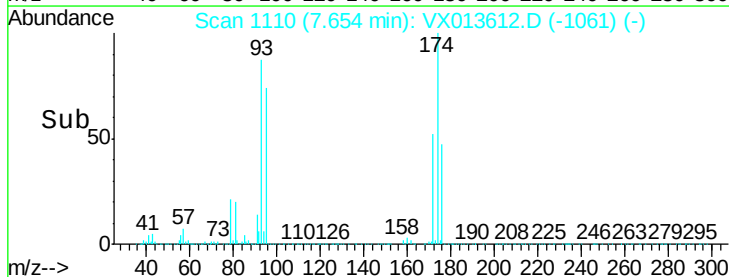
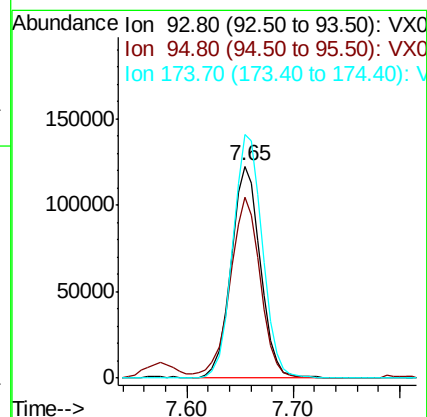
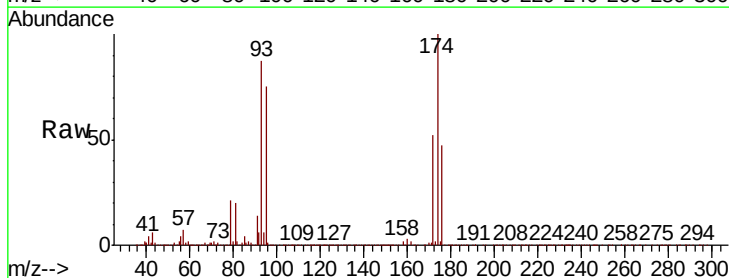
Tgt Ion: 93 Resp: 234402

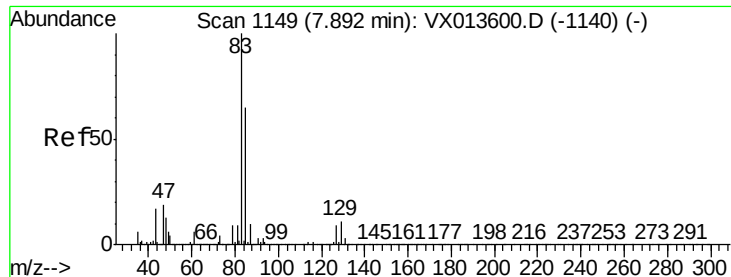
Ion Ratio Lower Upper

93 100

95 88.0 66.2 99.2

174 117.6 93.4 140.0





#47

Bromodichloromethane

Concen: 52.786 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :

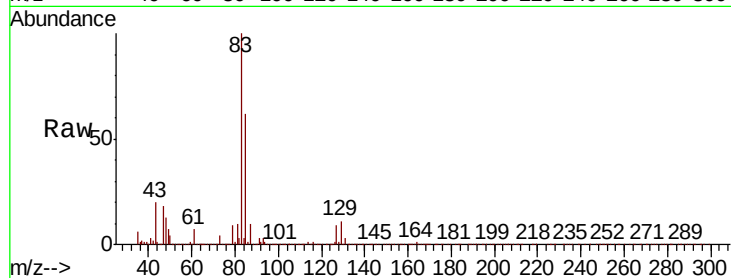
Tot Ion: 83 Resp: 475246

Ion Ratio Lower Upper

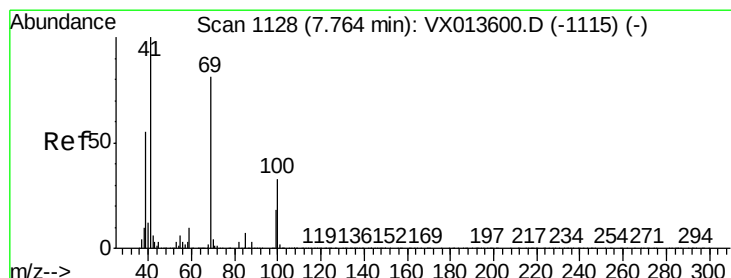
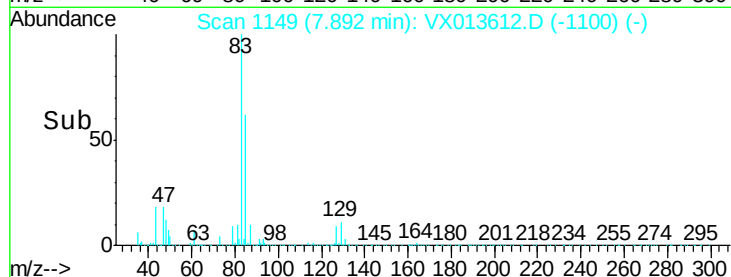
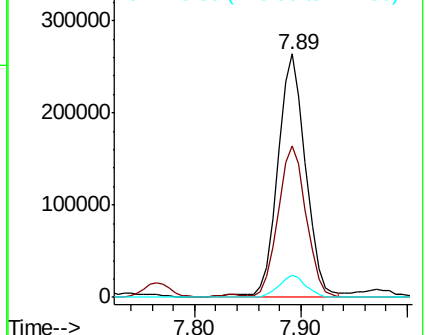
83 100

85 61.7 52.1 78.1

127 9.1 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: 59.379 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

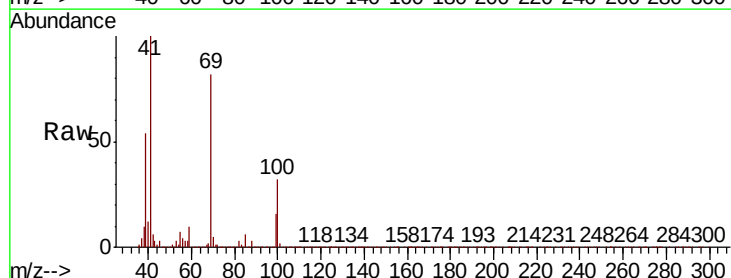
Tgt Ion: 41 Resp: 490326

Ion Ratio Lower Upper

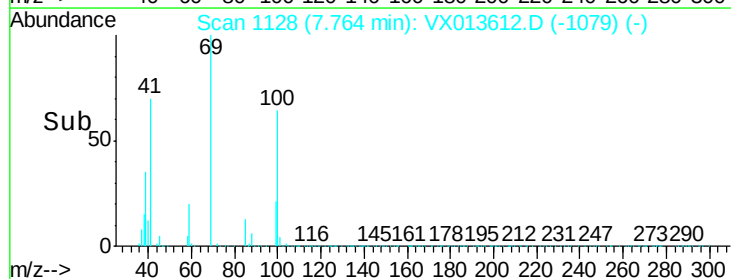
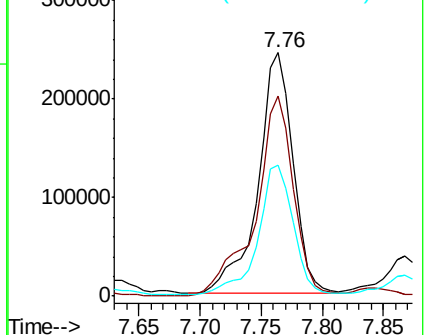
41 100

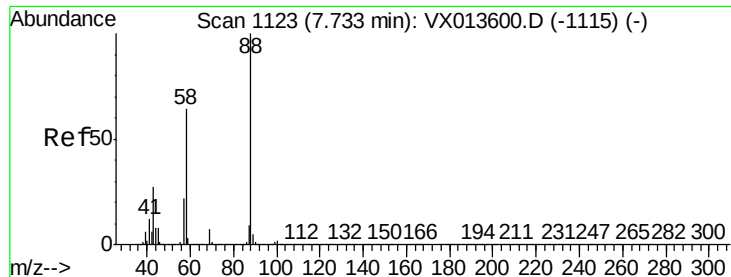
69 89.8 64.7 97.1

39 53.9 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

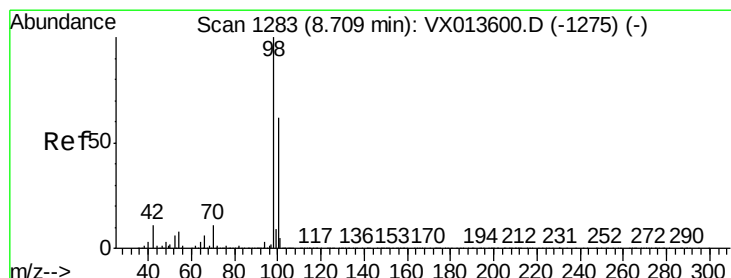
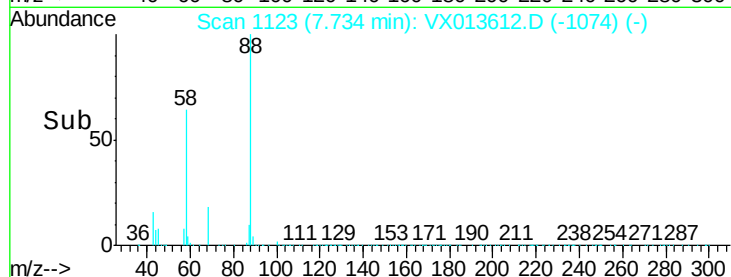
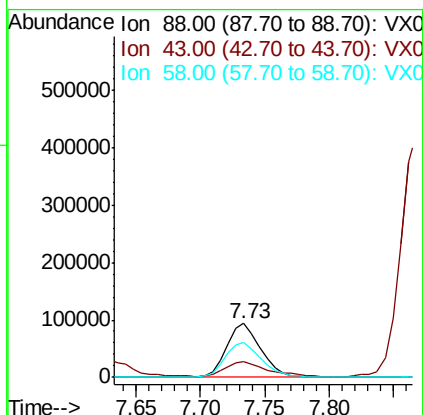
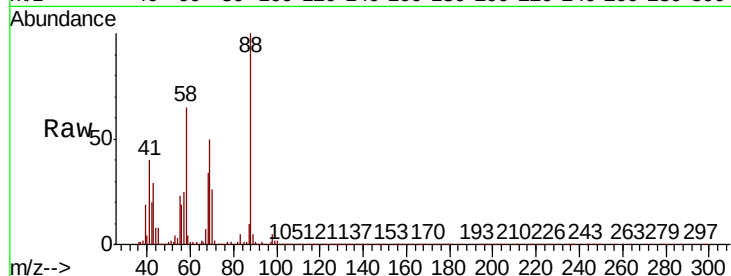




#49
1,4-Dioxane
Concen: 940.630 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

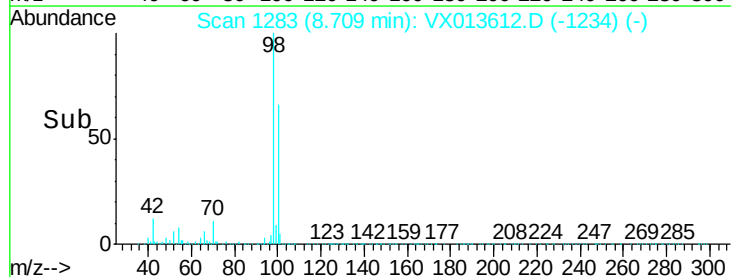
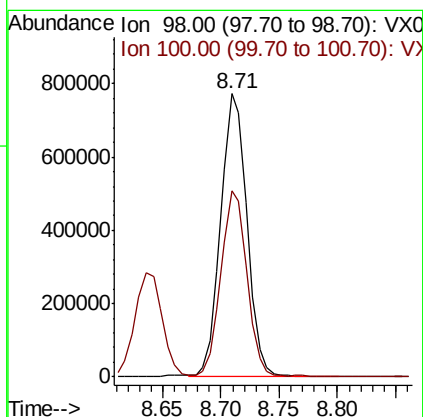
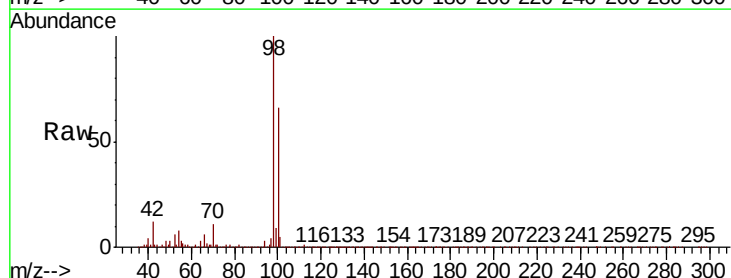
Instrument :
MSVOA_X
ClientSampled :

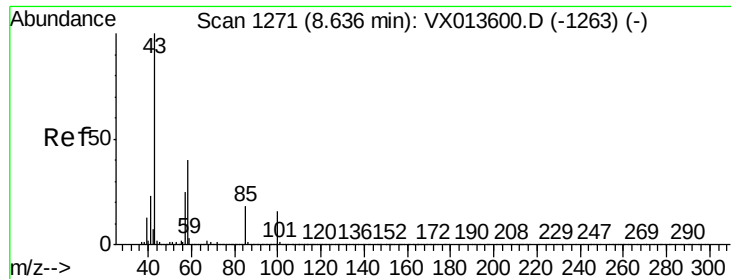
Tot Ion	88	Resp	173863
Ion	Ratio	Lower	Upper
88	100		
43	33.7	25.8	38.6
58	68.0	54.6	82.0



#50
Toluene-d8
Concen: 49.193 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	98	Resp	1201133
Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 258.904 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

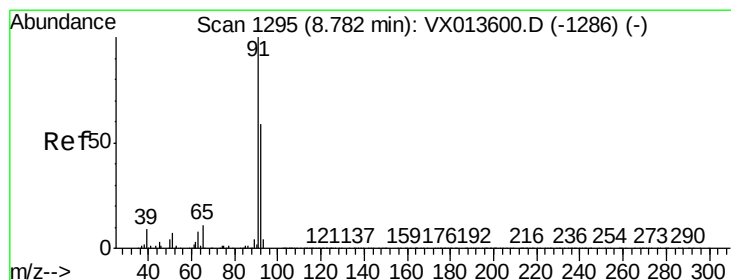
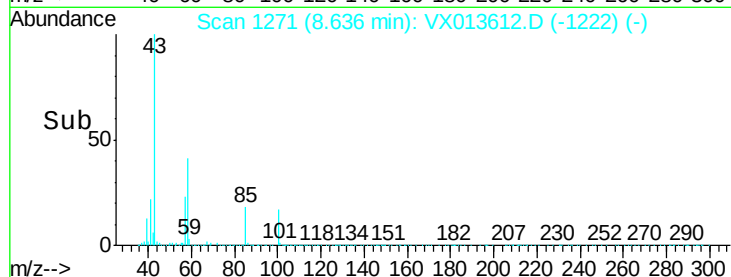
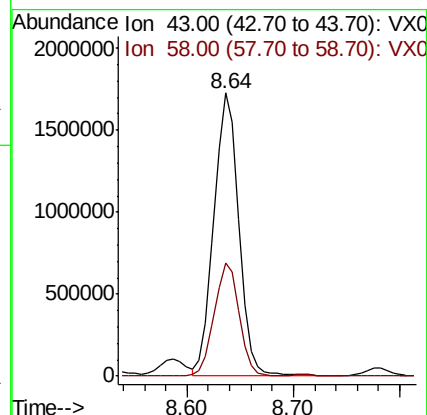
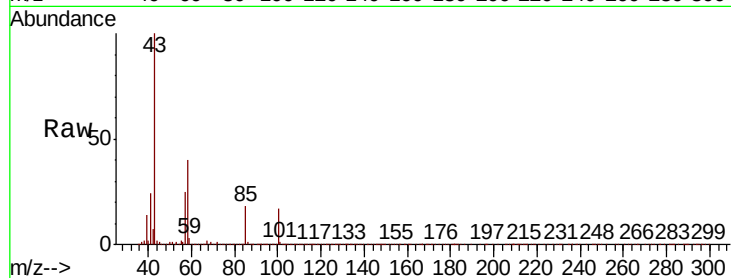
ClientSampleId :

Tot Ion: 43 Resp: 2767797

Ion Ratio Lower Upper

43 100

58 40.0 32.1 48.1



#52

Toluene

Concen: 316.400 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013612.D

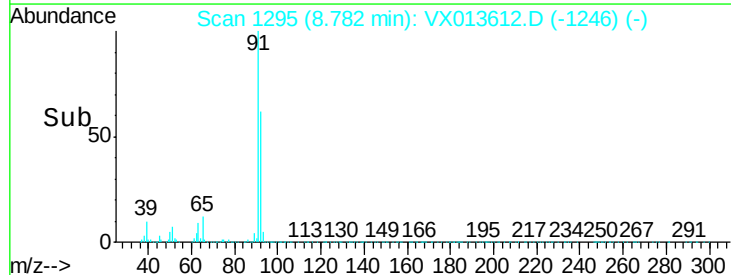
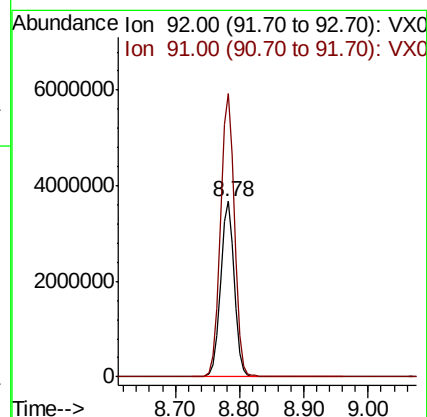
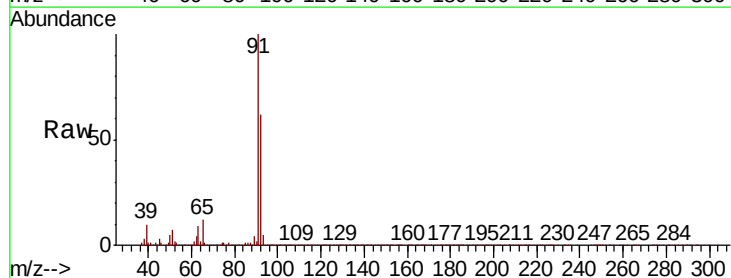
Acq: 26 Nov 2019 20:30

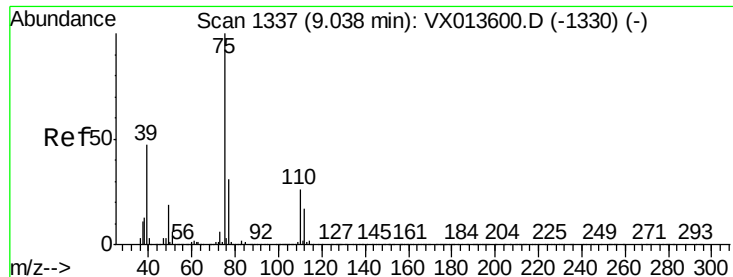
Tgt Ion: 92 Resp: 5508820

Ion Ratio Lower Upper

92 100

91 165.5 136.2 204.2

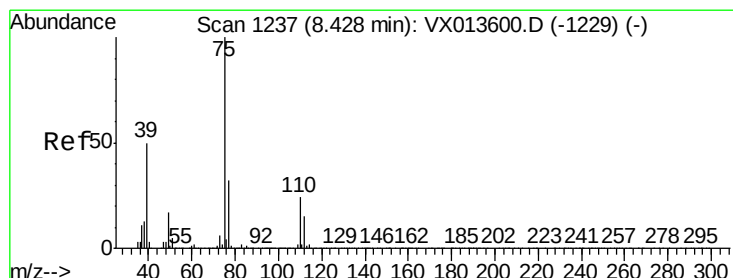
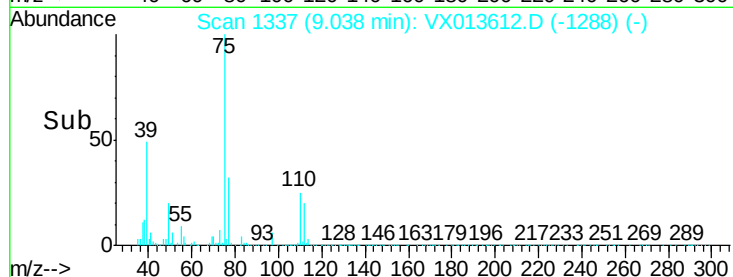
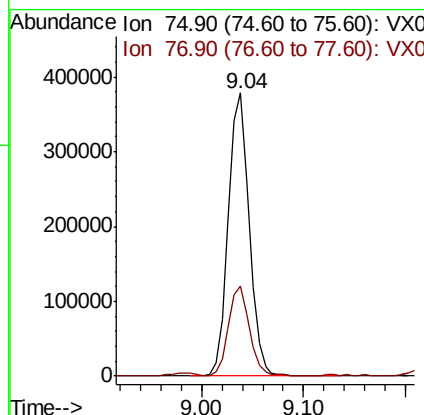
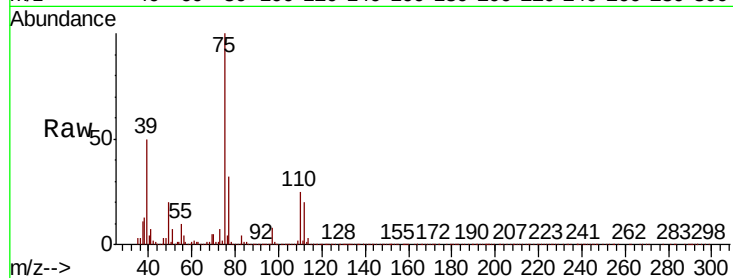




#53
t-1,3-Dichloropropene
Concen: 52.296 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

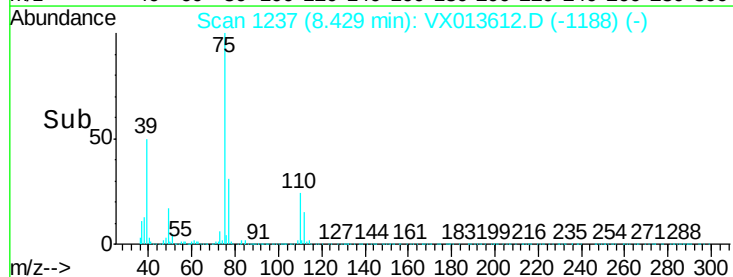
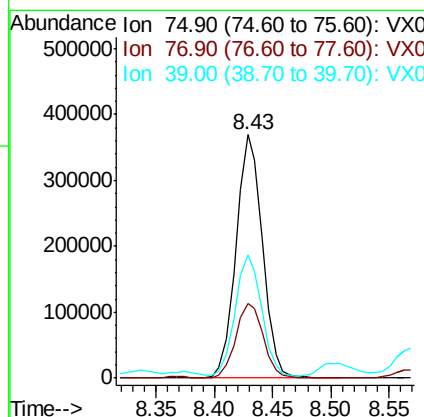
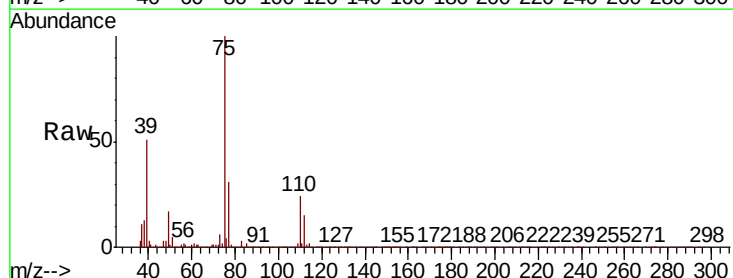
Instrument :
MSVOA_X
ClientSampled :

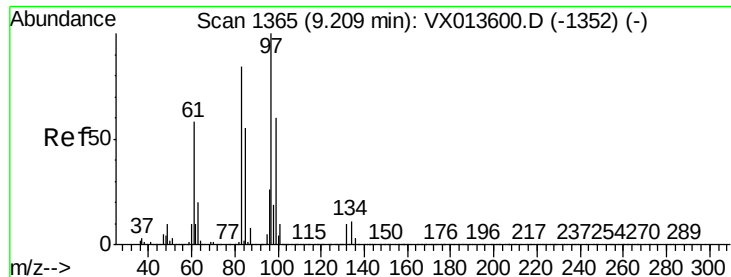
Tot Ion: 75 Resp: 535921
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 52.196 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion: 75 Resp: 584383
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6
39 48.4 39.9 59.9

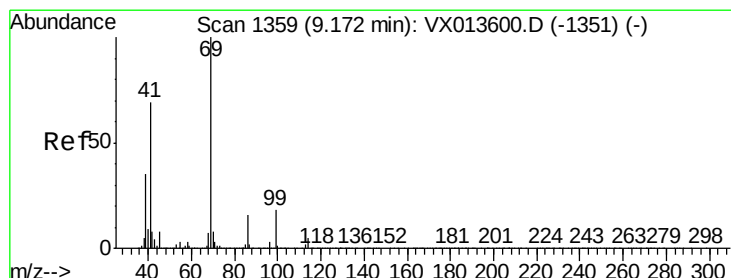
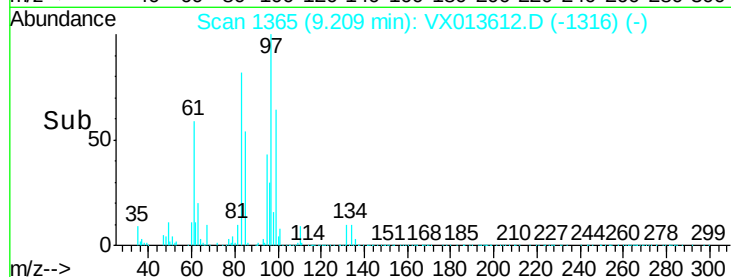
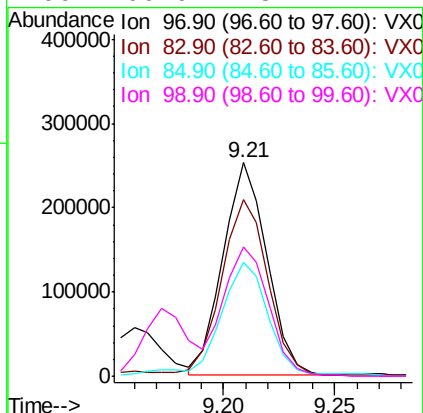
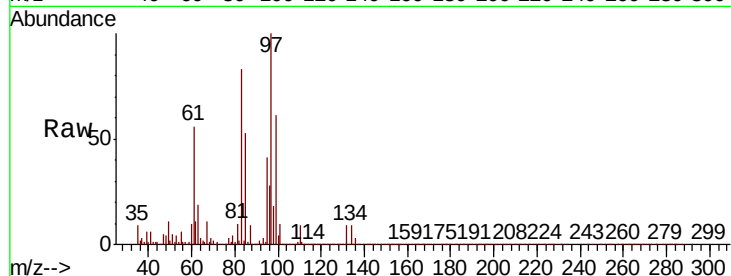




#55
 1,1,2-Trichloroethane
 Concen: 49.151 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

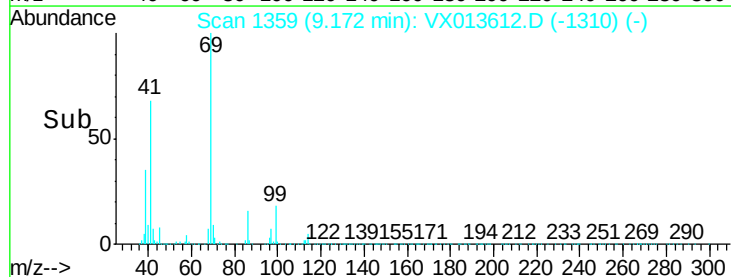
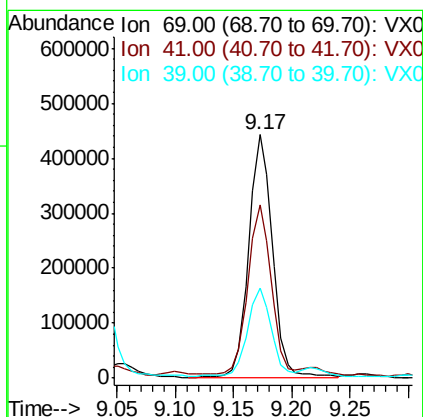
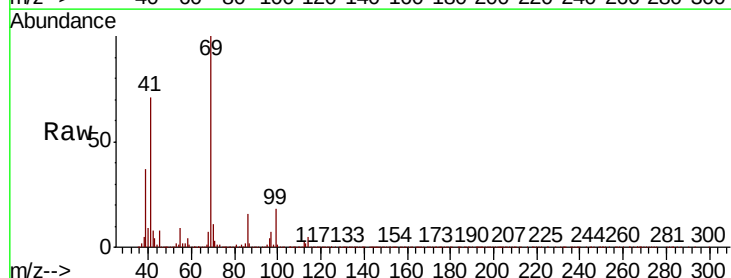
Instrument :
 MSVOA_X
 ClientSampleId :

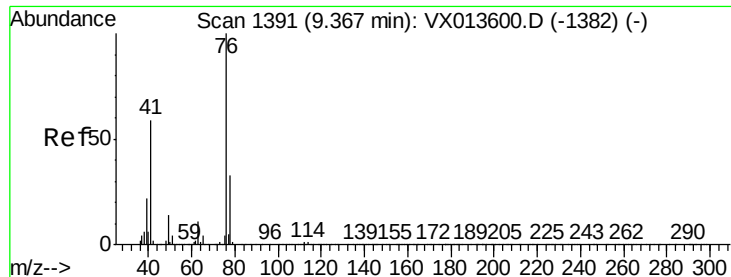
Tot Ion:	97	Resp:	344859
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.3	100.9
85	52.6	43.6	65.4
99	60.9	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 55.963 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion:	69	Resp:	631288
Ion	Ratio	Lower	Upper
69	100		
41	68.2	55.0	82.4
39	36.5	28.7	43.1

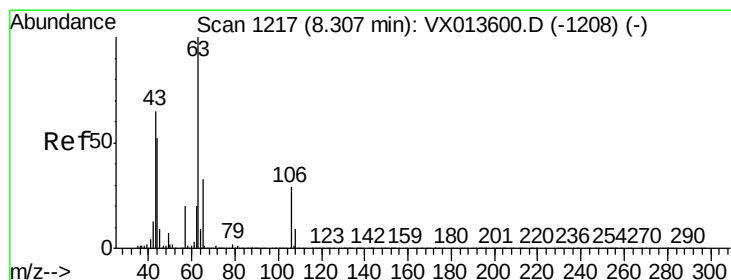
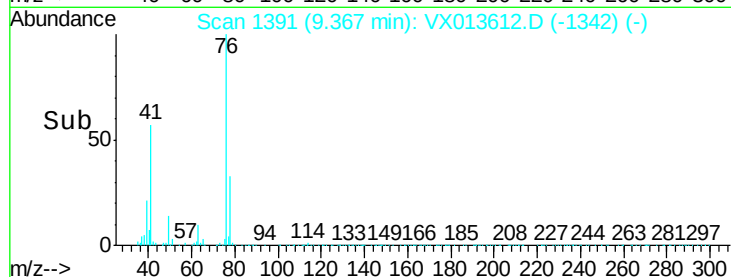
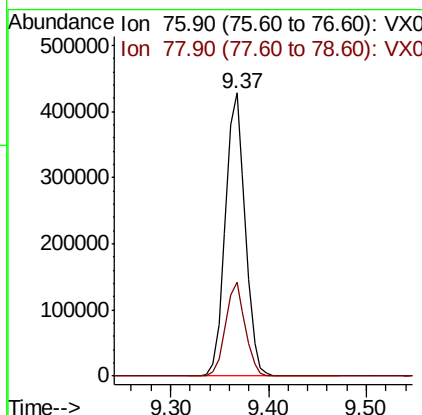
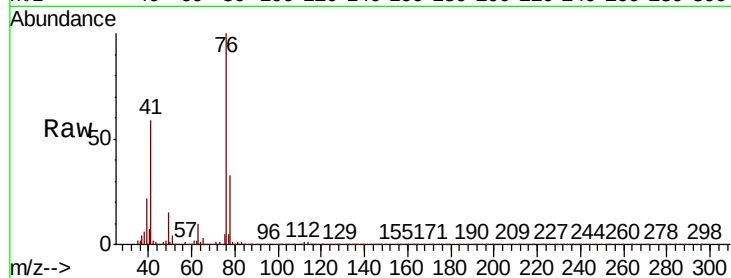




#57
 1,3-Dichloropropane
 Concen: 49.892 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

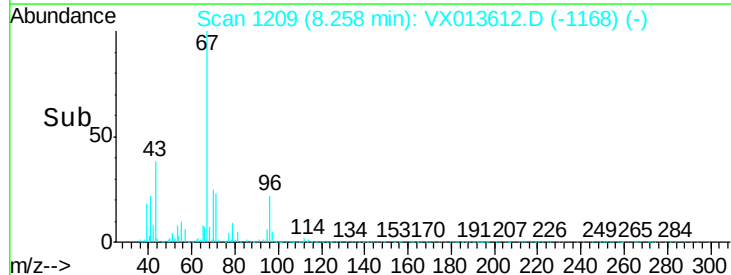
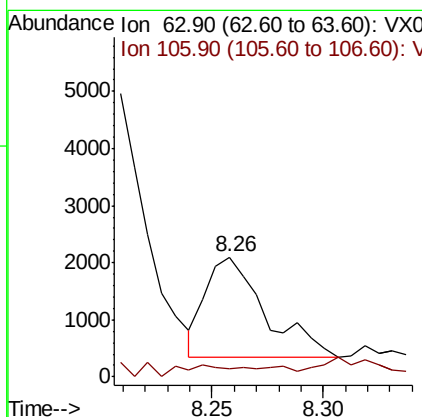
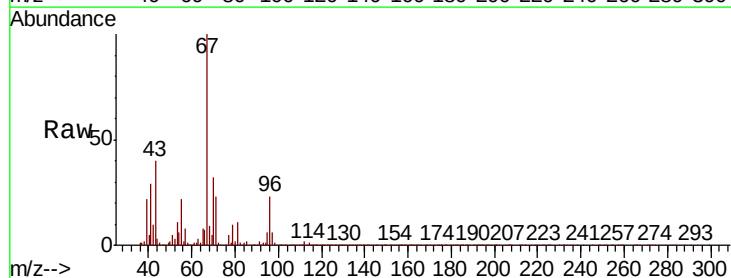
Instrument :
 MSVOA_X
 ClientSampleId :

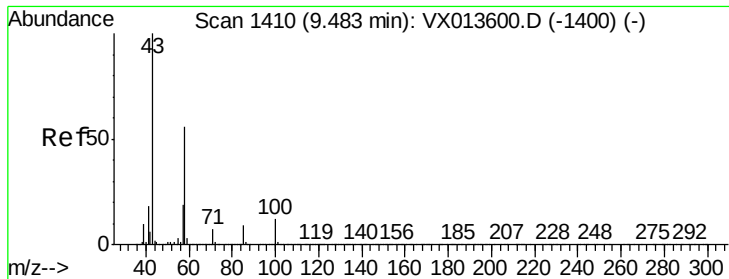
Tot Ion: 76 Resp: 603387
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.727 ug/l
 RT: 8.26 min Scan# 1209
 Delta R.T. -0.05 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion: 63 Resp: 3214
 Ion Ratio Lower Upper
 63 100
 106 9.4 23.4 35.0#

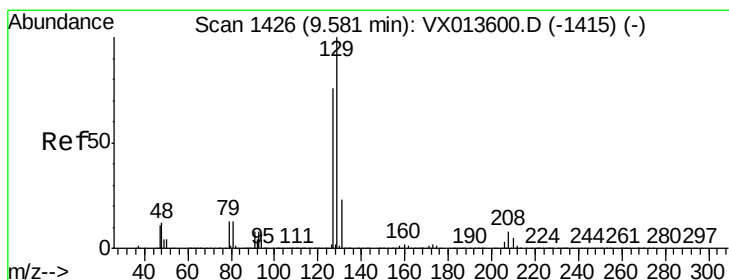
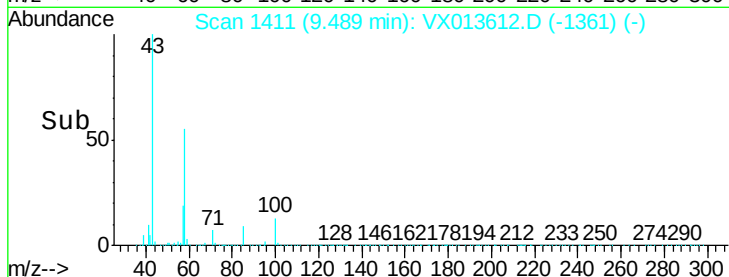
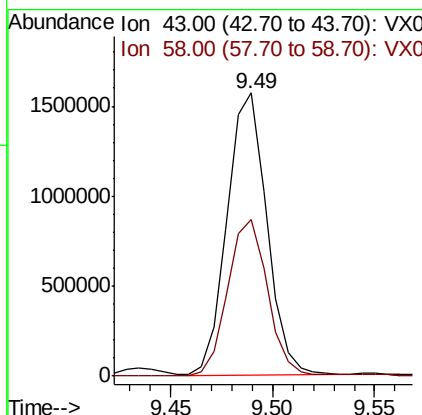
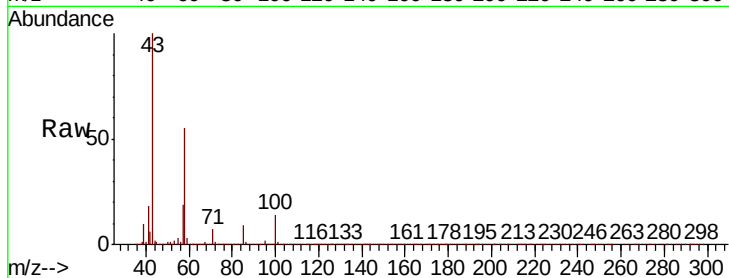




#59
2-Hexanone
Concen: 251.780 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

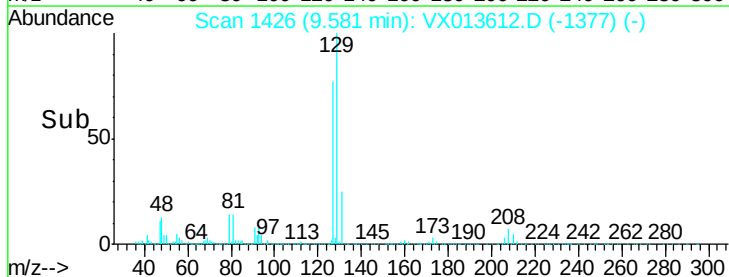
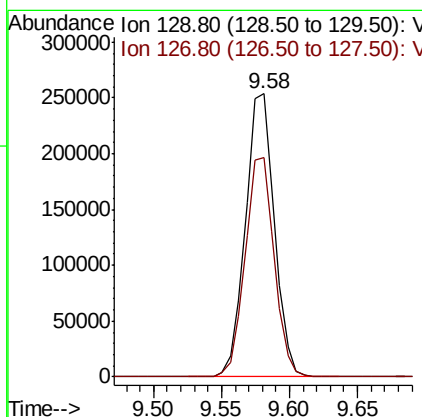
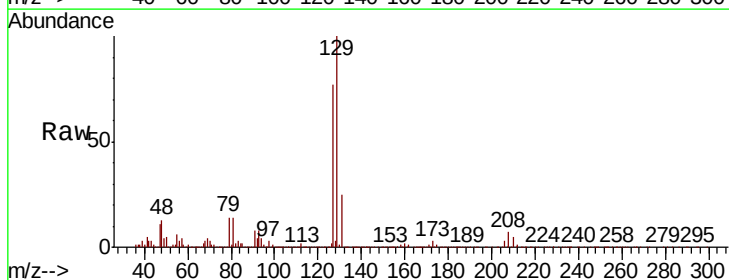
Instrument :
MSVOA_X
ClientSampleId :

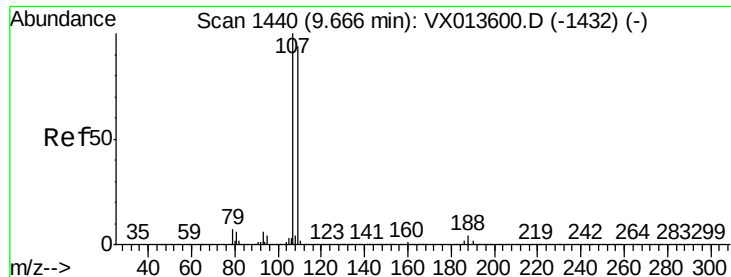
Tot Ion: 43 Resp: 2099273
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.4



#60
Dibromochloromethane
Concen: 52.067 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion: 129 Resp: 379125
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.750 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

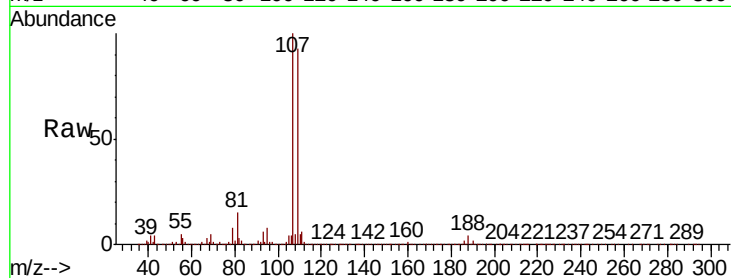
ClientSampleId :

Tot Ion:107 Resp: 380302

Ion Ratio Lower Upper

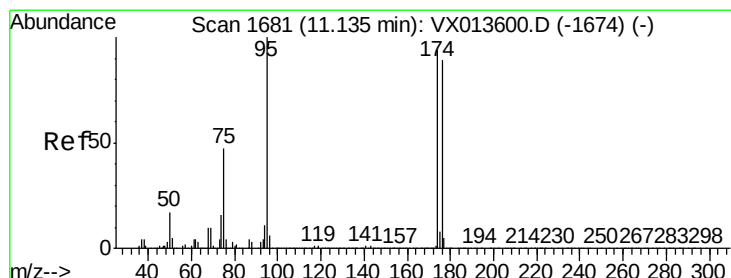
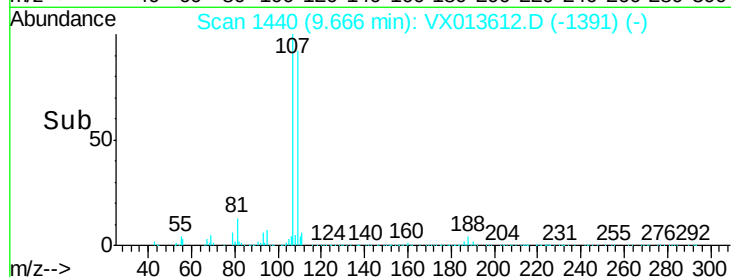
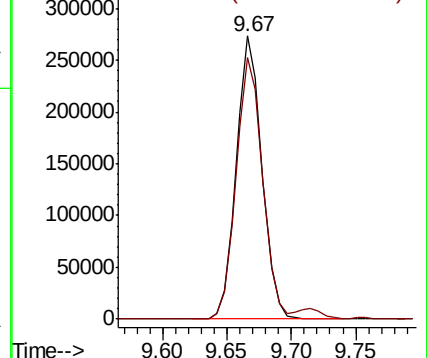
107 100

109 95.1 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: 49.533 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

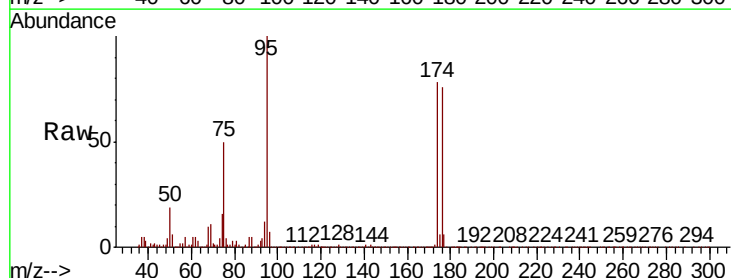
Tgt Ion: 95 Resp: 436125

Ion Ratio Lower Upper

95 100

174 87.5 0.0 180.0

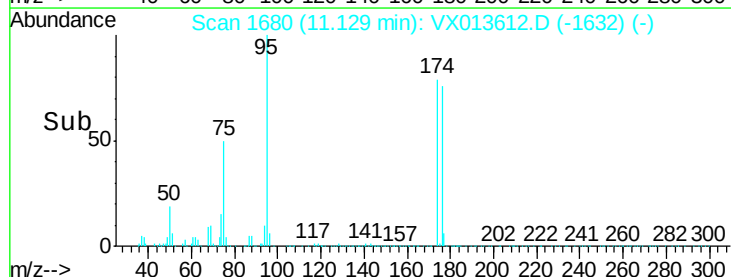
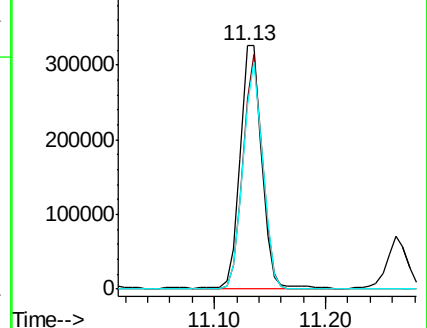
176 86.5 0.0 173.6

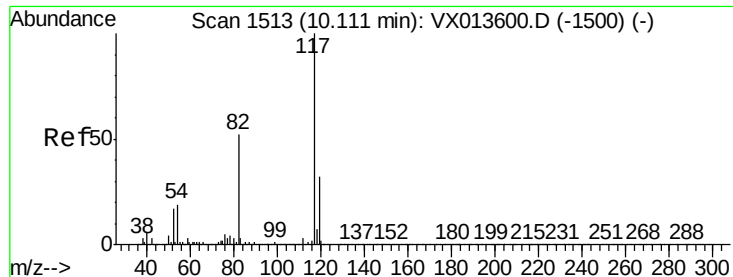


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

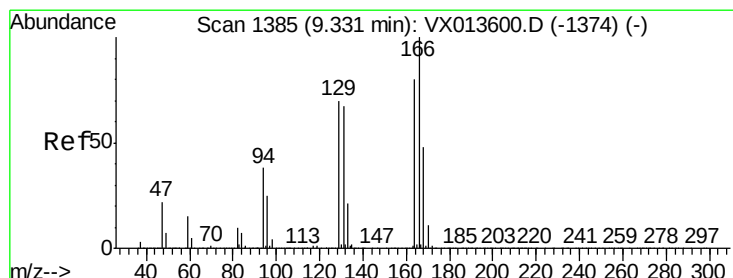
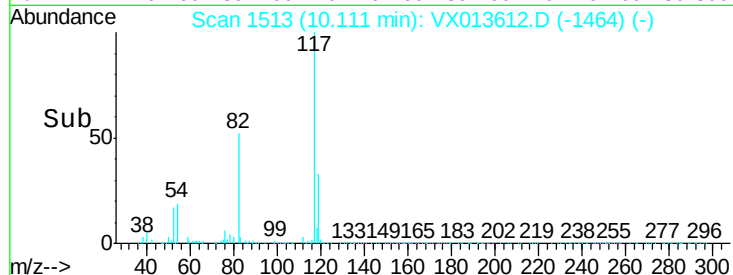
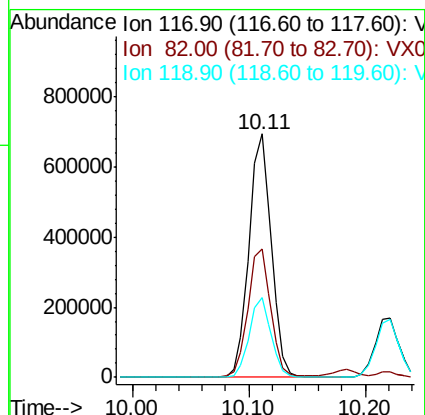
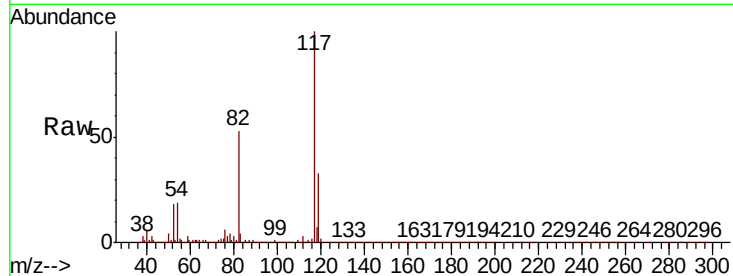




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

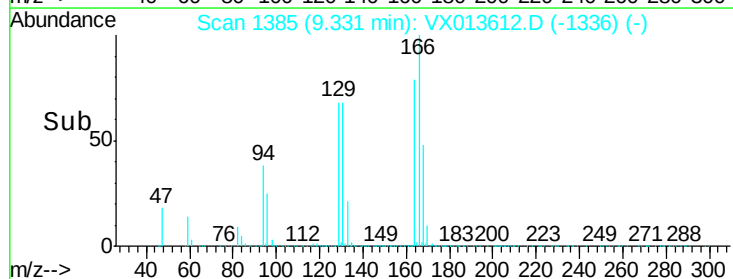
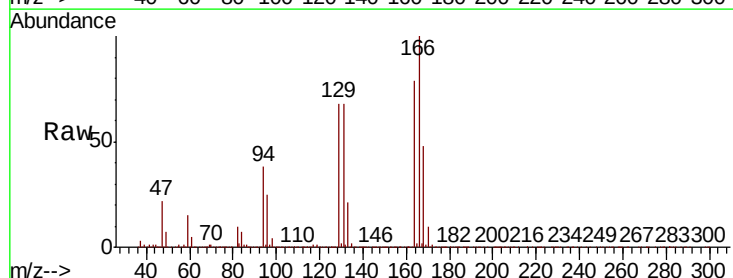
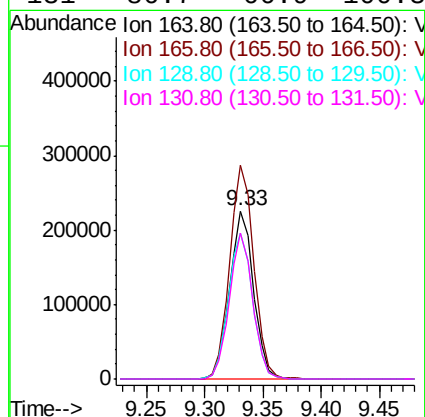
Instrument :
MSVOA_X
ClientSampleId :

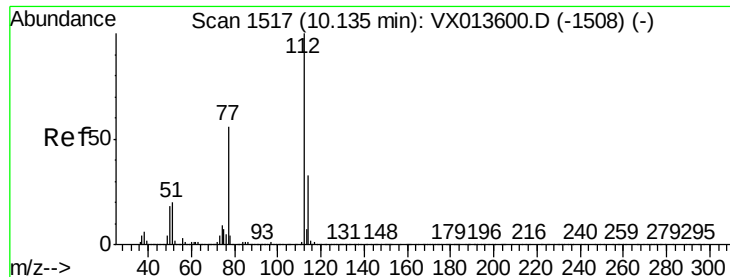
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	32.6	25.8	38.8



#64
Tetrachloroethene
Concen: 46.212 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	99.7	149.5
129	86.5	70.1	105.1
131	86.7	66.9	100.3

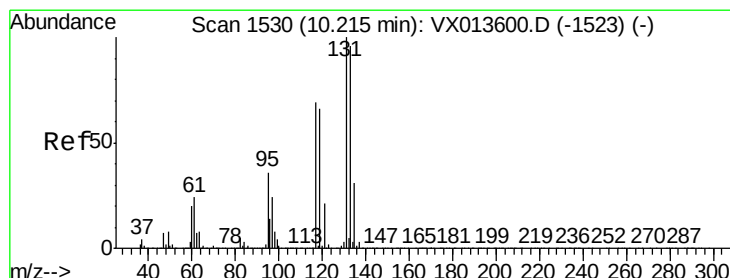
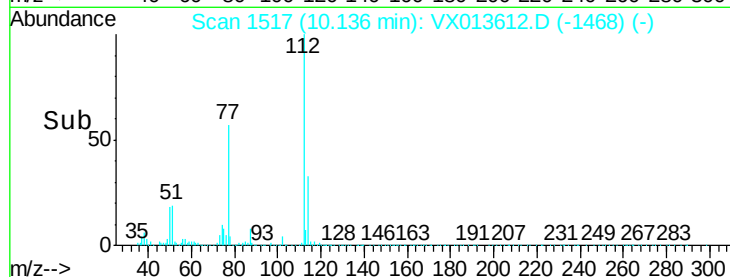
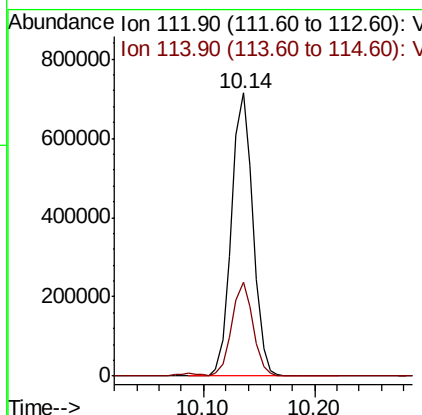
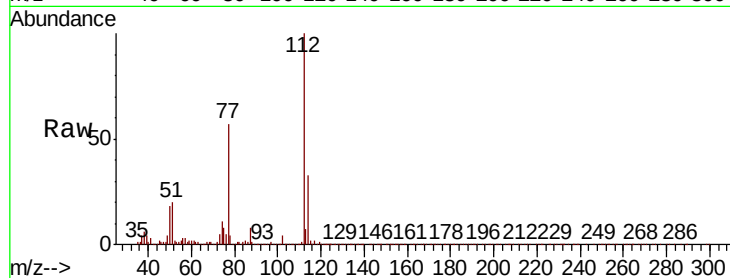




#65
Chlorobenzene
Concen: 49.299 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

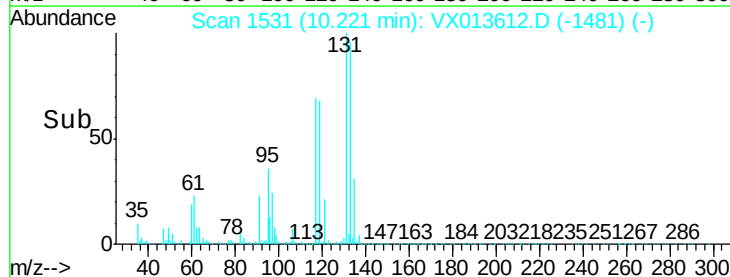
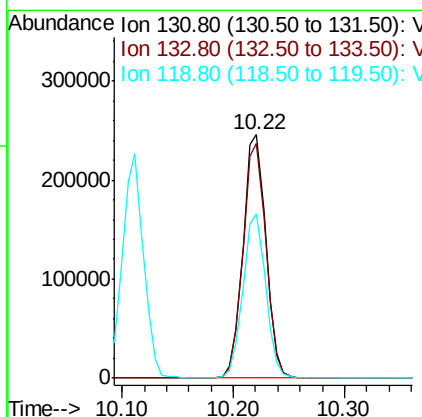
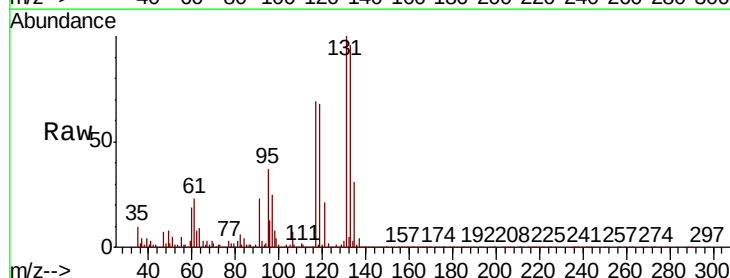
Instrument :
MSVOA_X
ClientSampleId :

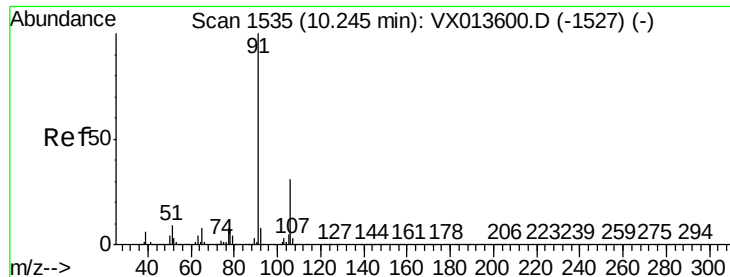
Tot Ion:112 Resp: 95538
Ion Ratio Lower Upper
112 100
114 33.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.360 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion:131 Resp: 350509
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 67.1 32.9 98.6





#67

Ethyl Benzene

Concen: 473.928 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

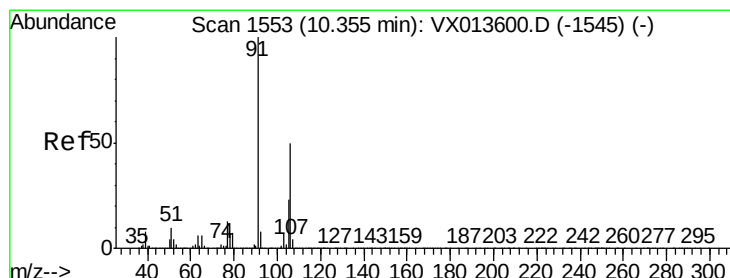
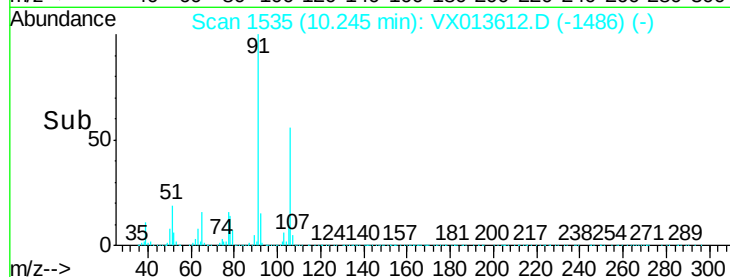
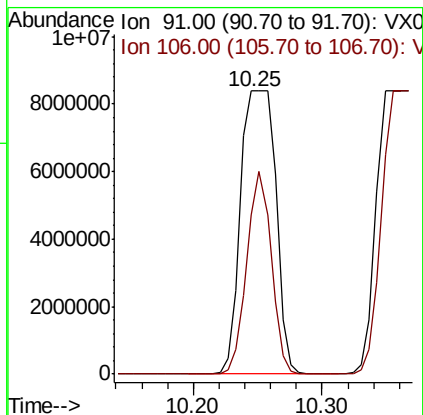
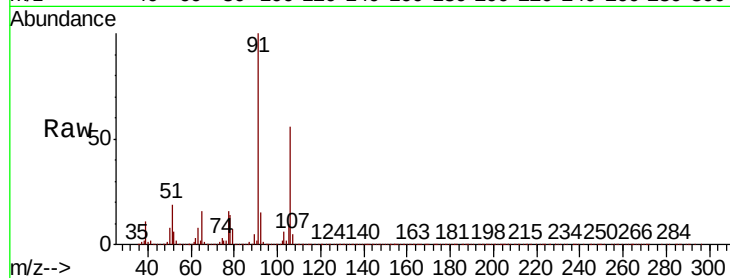
ClientSampleId :

Tot Ion: 91 Resp:15785047

Ion Ratio Lower Upper

91 100

106 56.1 24.5 36.7#



#68

m/p-Xylenes

Concen: 1464.823 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013612.D

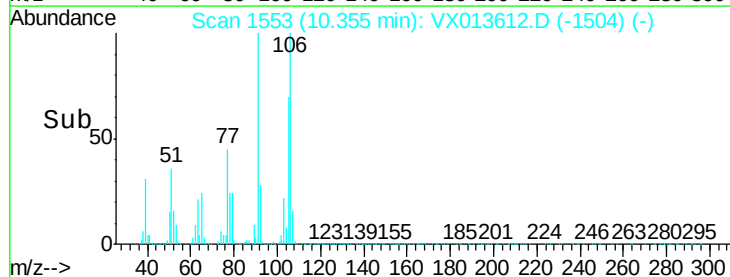
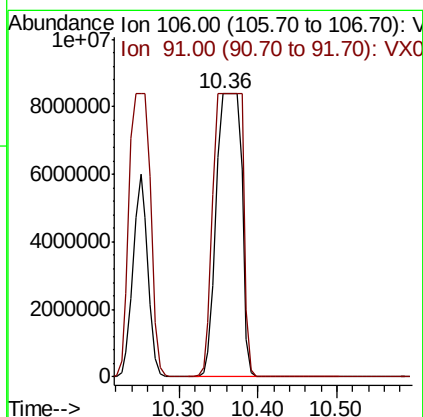
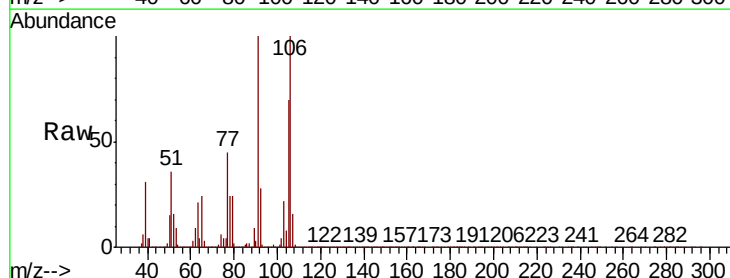
Acq: 26 Nov 2019 20:30

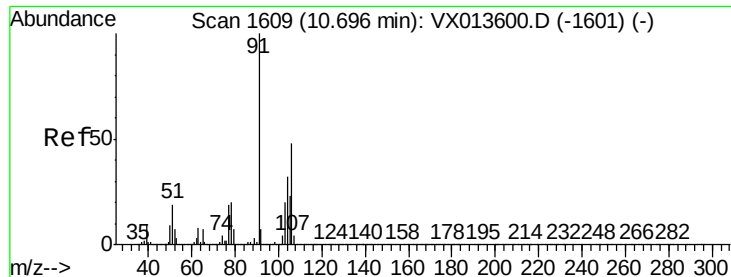
Tgt Ion:106 Resp:18679005

Ion Ratio Lower Upper

106 100

91 0.0 159.0 238.4#

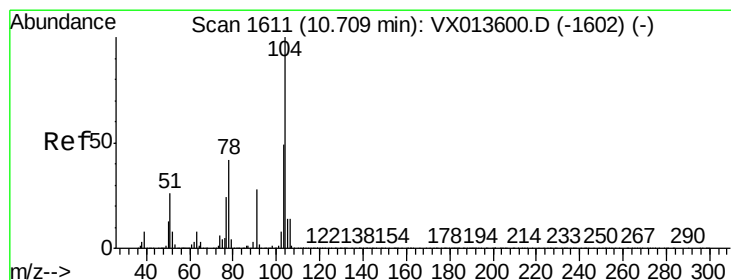
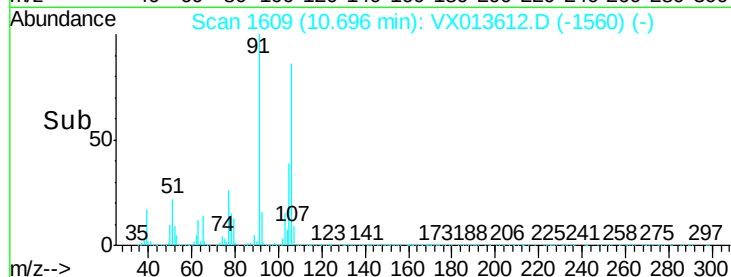
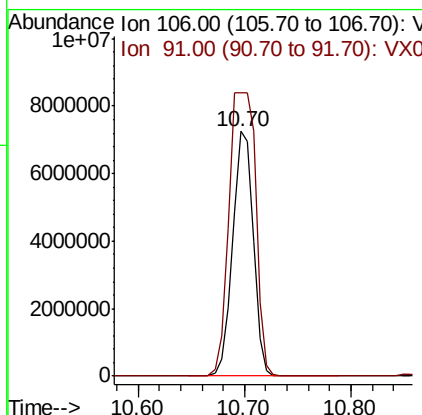
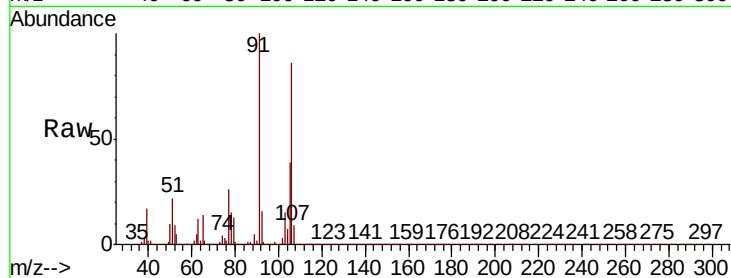




#69
o-Xylene
Concen: 794.363 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

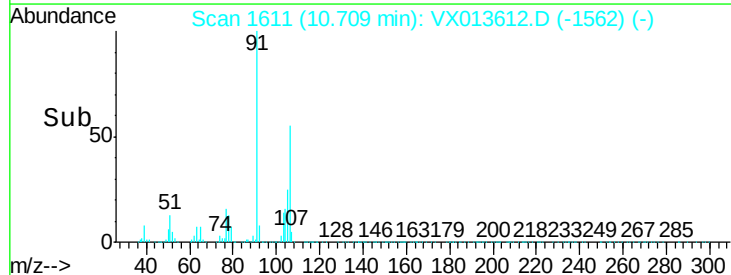
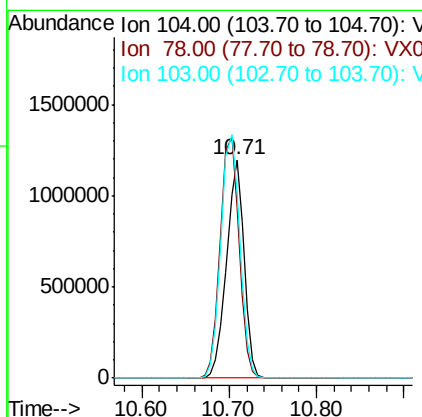
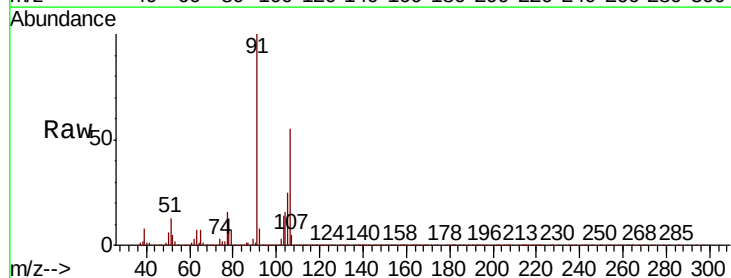
Instrument :
MSVOA_X
ClientSampleId :

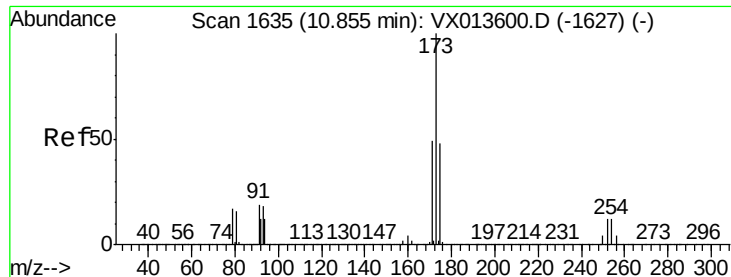
Tot Ion:106 Resp: 9879254
Ion Ratio Lower Upper
106 100
91 150.9 104.1 312.2



#70
Styrene
Concen: 79.665 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion:104 Resp: 1666647
Ion Ratio Lower Upper
104 100
78 117.4 38.5 57.7#
103 119.7 43.7 65.5#





#71

Bromoform

Concen: 51.427 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

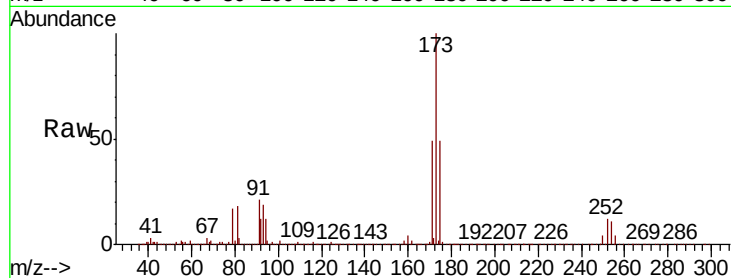
Tot Ion:173 Resp: 296166

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.8

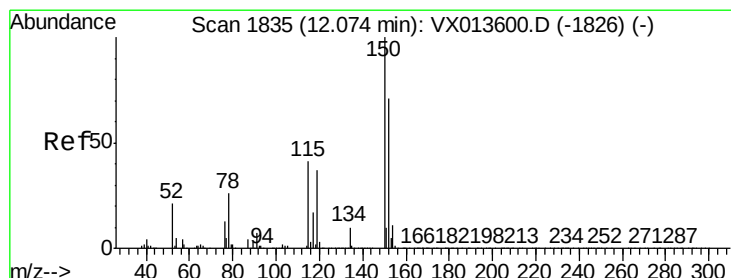
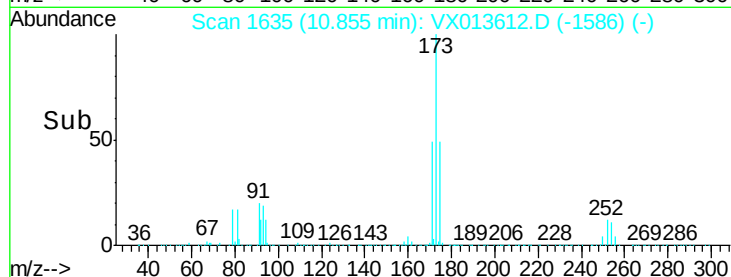
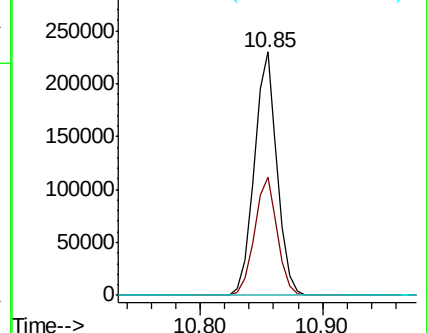
254 0.2 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

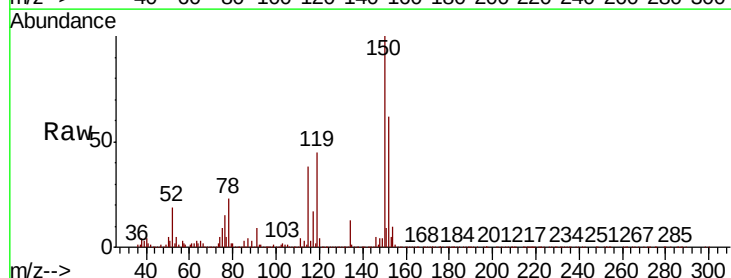
Tgt Ion:152 Resp: 459021

Ion Ratio Lower Upper

152 100

115 78.1 38.4 115.1

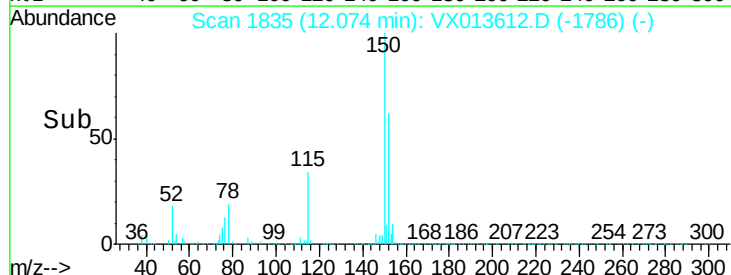
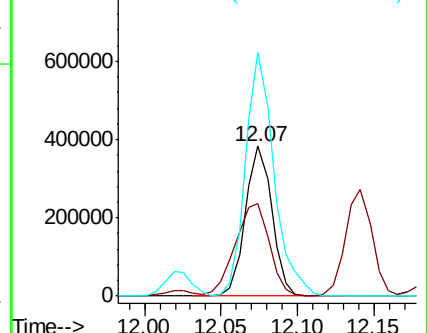
150 176.0 0.0 346.8

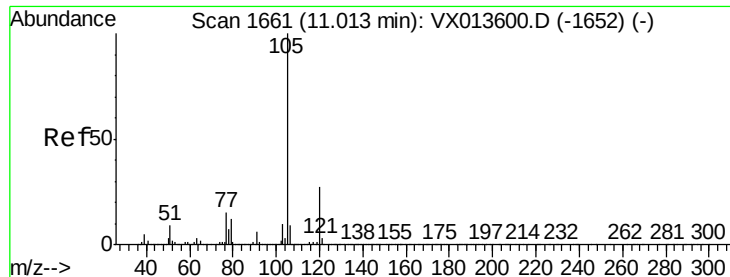


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 85.081 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

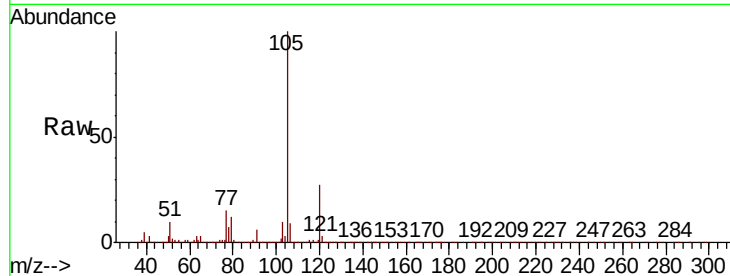
ClientSampleId :

Tot Ion:105 Resp: 2739495

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

2500000

2000000

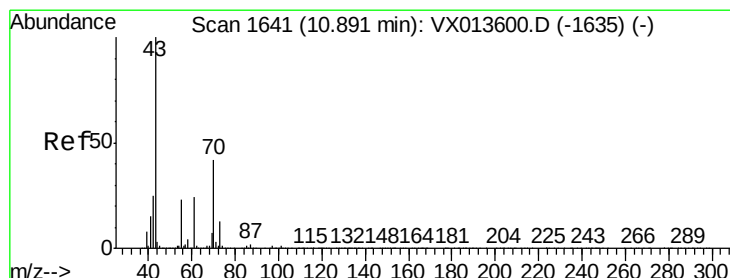
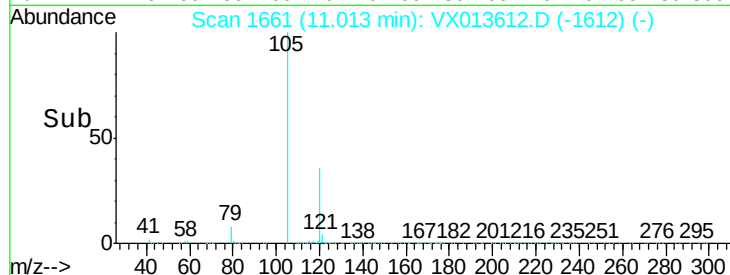
1500000

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 53.039 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion: 43 Resp: 782312

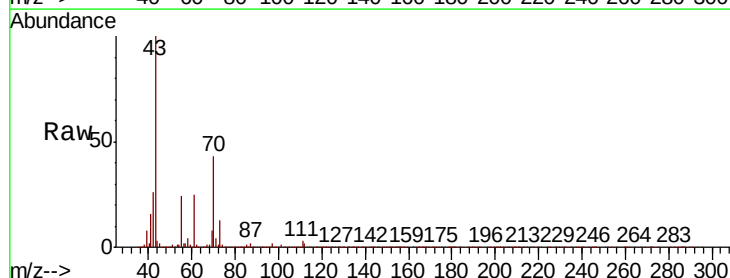
Ion Ratio Lower Upper

43 100

70 44.7 34.3 51.5

55 25.6 18.5 27.7

61 25.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1000000

800000

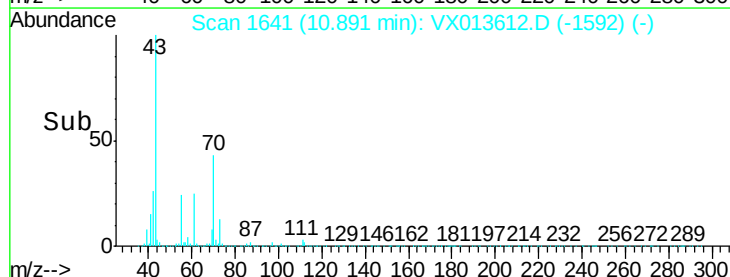
600000

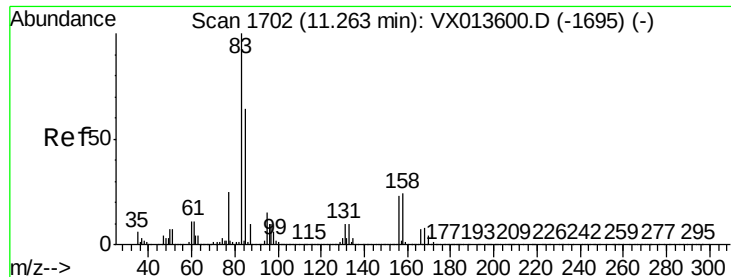
400000

200000

0

Time--> 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 51.481 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

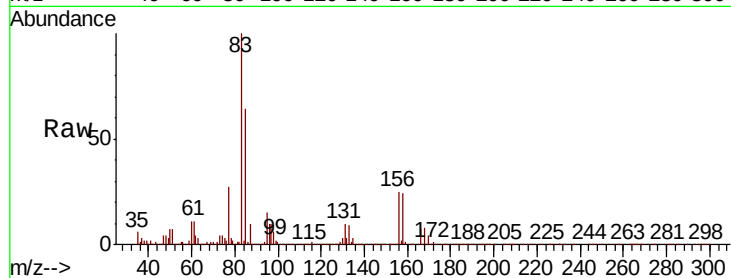
Tot Ion: 83 Resp: 574857

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

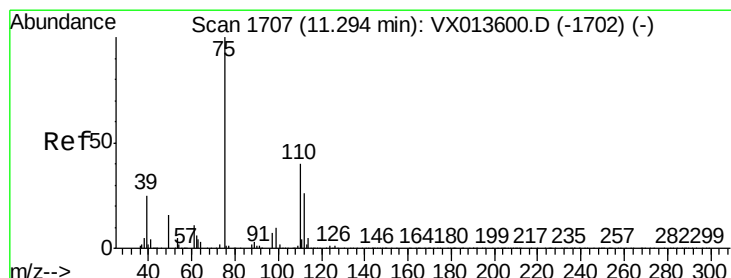
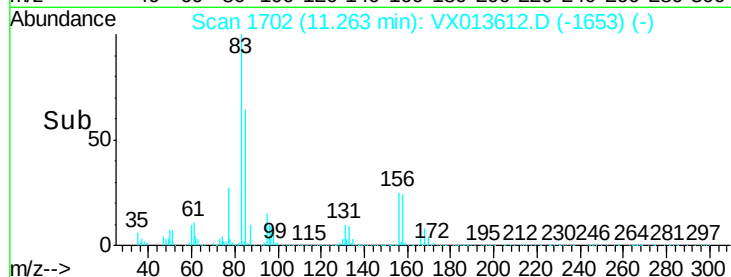
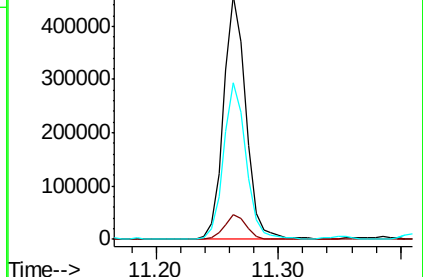
85 65.0 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.662 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013612.D

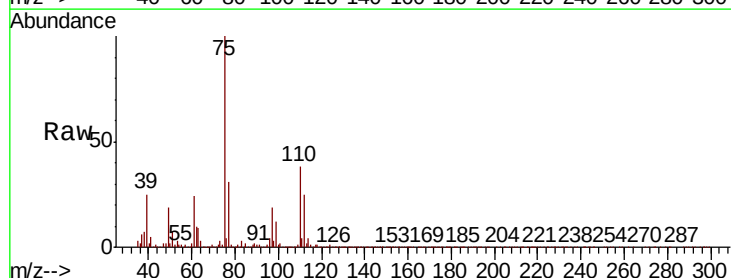
Acq: 26 Nov 2019 20:30

Tgt Ion: 75 Resp: 657262

Ion Ratio Lower Upper

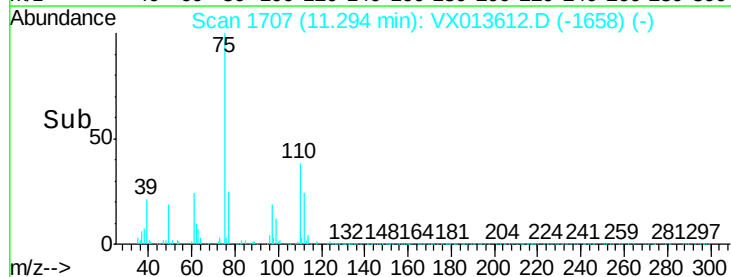
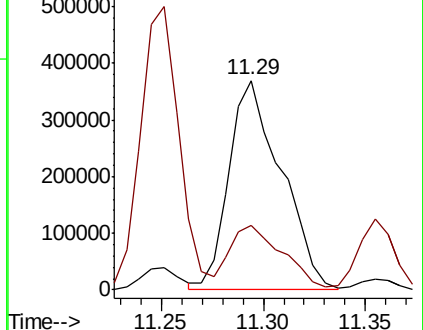
75 100

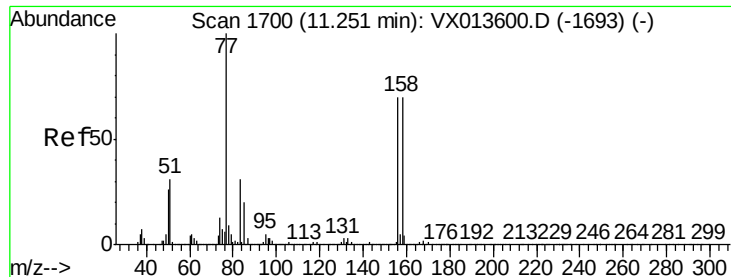
77 30.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.621 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

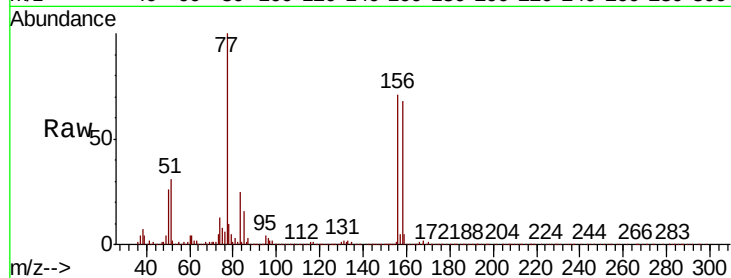
Tot Ion:156 Resp: 440331

Ion Ratio Lower Upper

156 100

77 148.2 74.4 223.1

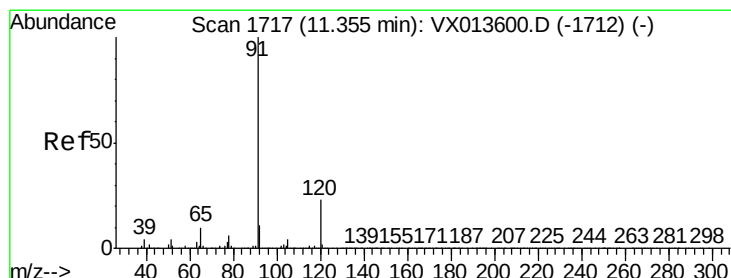
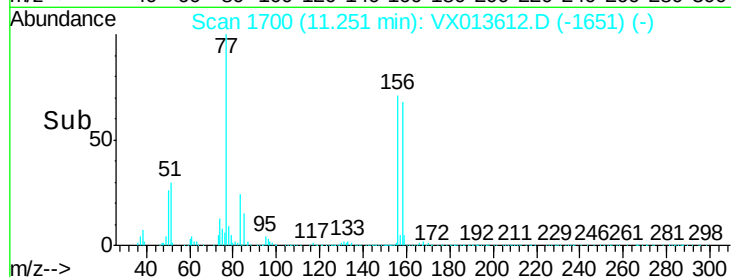
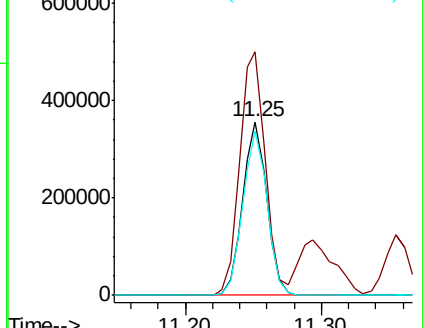
158 95.4 48.9 146.6



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: 106.649 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013612.D

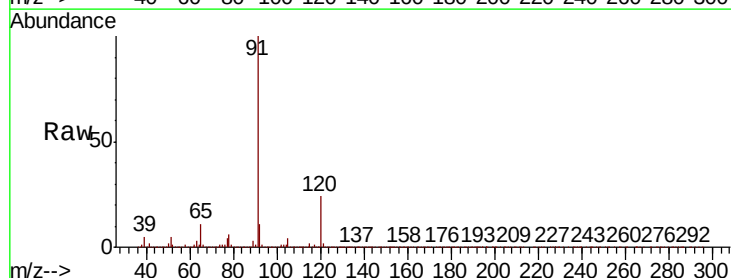
Acq: 26 Nov 2019 20:30

Tgt Ion: 91 Resp: 3833365

Ion Ratio Lower Upper

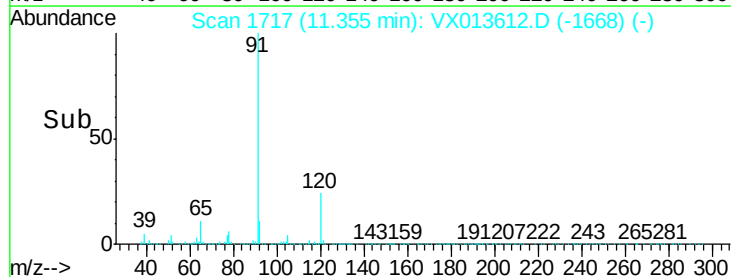
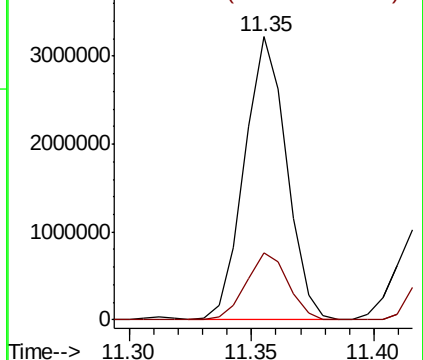
91 100

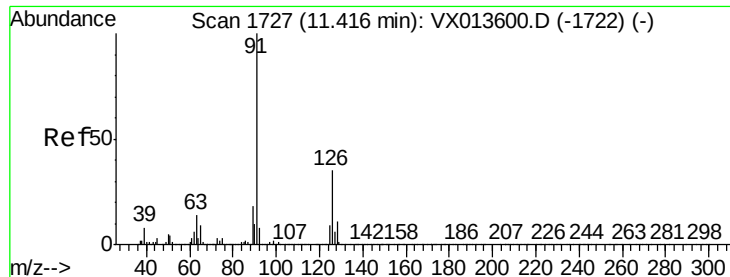
120 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 83.691 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.09 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

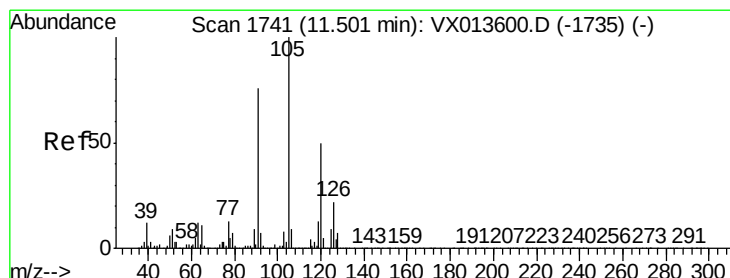
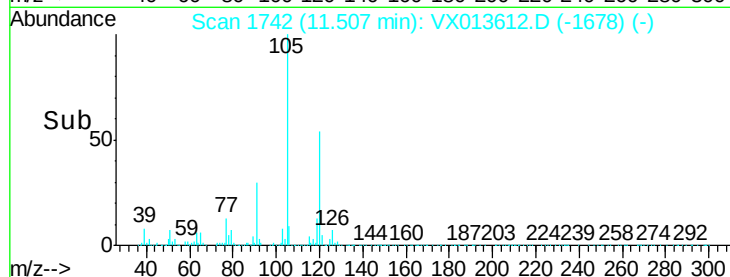
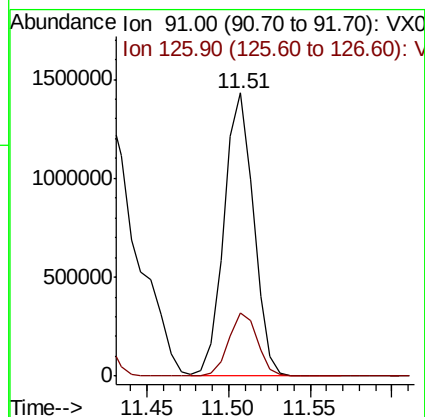
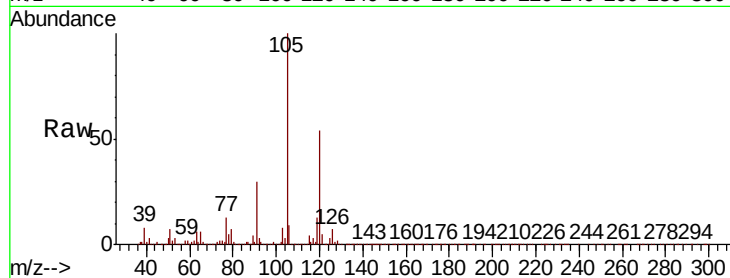
ClientSampleId :

Tot Ion: 91 Resp: 1804498

Ion Ratio Lower Upper

91 100

126 21.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 240.874 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013612.D

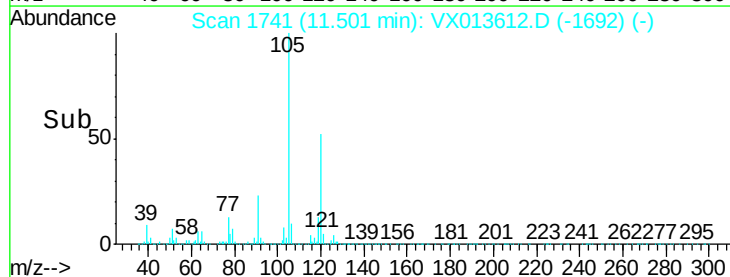
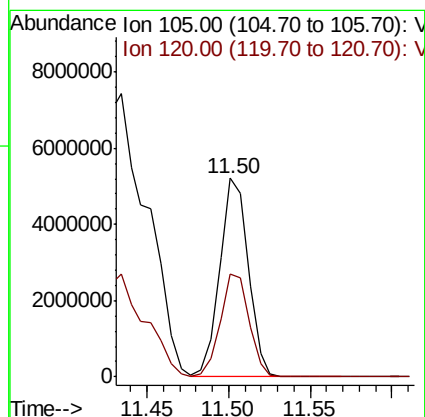
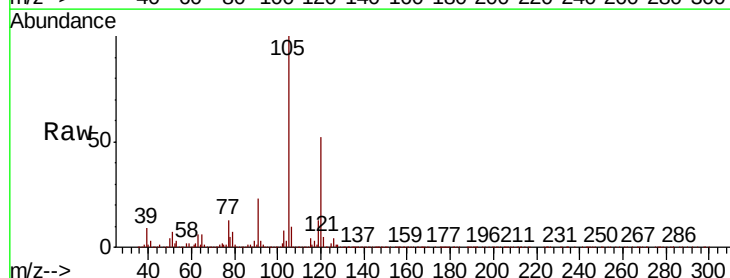
Acq: 26 Nov 2019 20:30

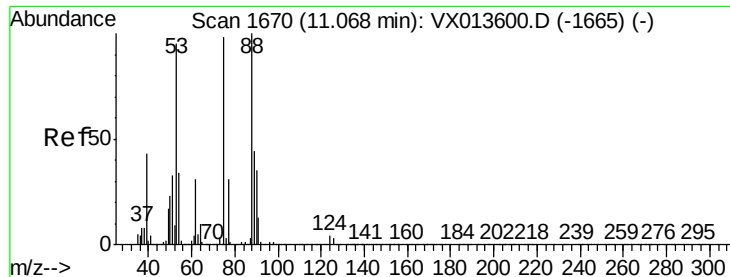
Tgt Ion: 105 Resp: 6356570

Ion Ratio Lower Upper

105 100

120 52.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.818 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

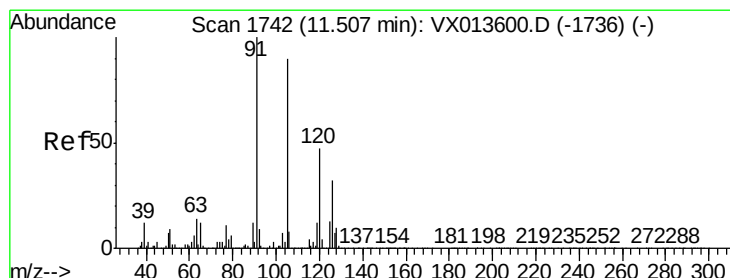
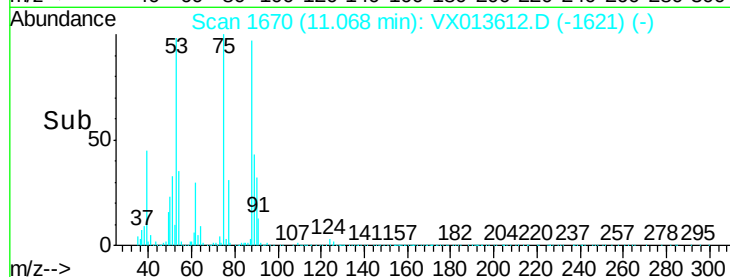
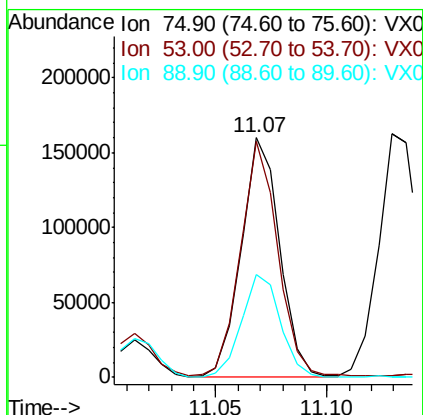
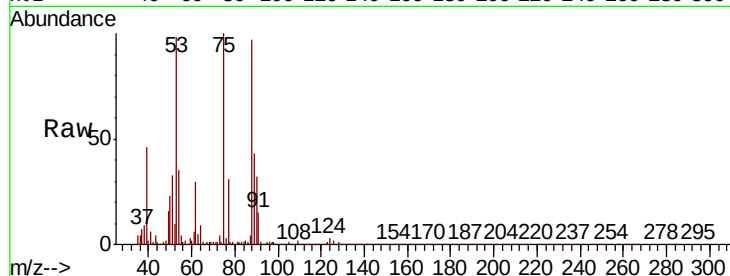
Tot Ion: 75 Resp: 191771

Ion Ratio Lower Upper

75 100

53 94.8 78.2 117.2

89 43.4 35.4 53.2



#82

4-Chlorotoluene

Concen: 72.258 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013612.D

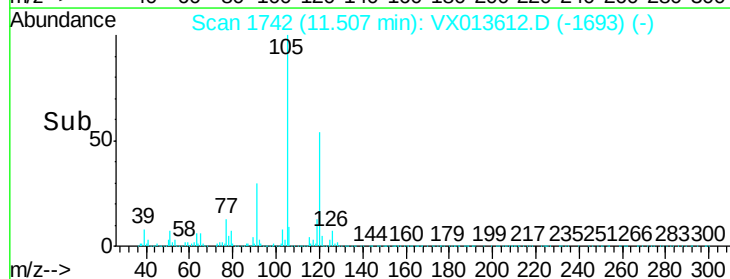
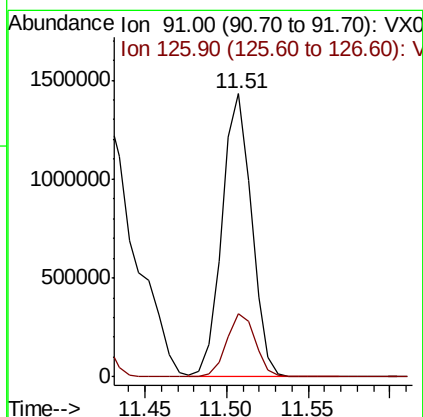
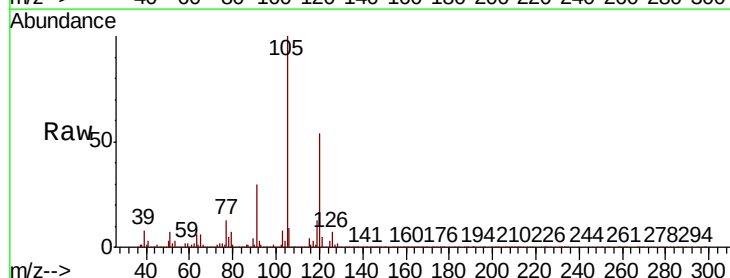
Acq: 26 Nov 2019 20:30

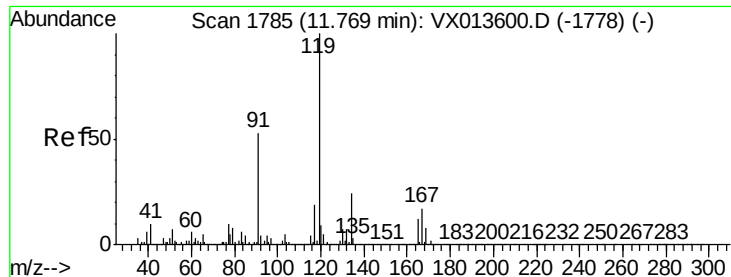
Tgt Ion: 91 Resp: 1804498

Ion Ratio Lower Upper

91 100

126 21.7 15.7 47.0





#83

tert-Butylbenzene

Concen: 51.043 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

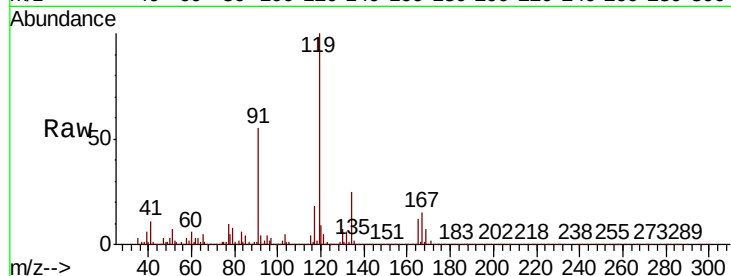
Tot Ion:119 Resp: 1368964

Ion Ratio Lower Upper

119 100

91 52.7 27.2 81.6

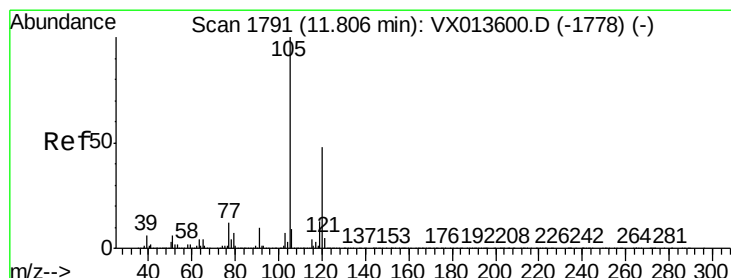
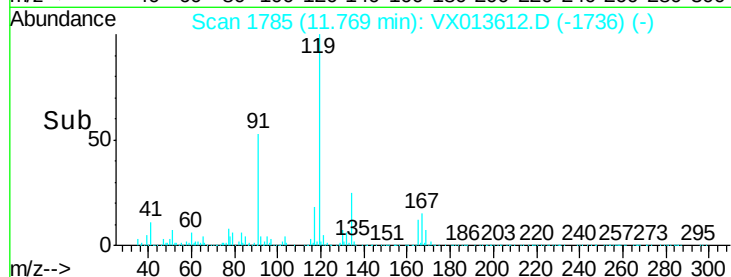
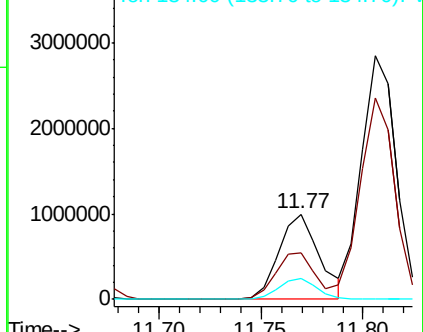
134 23.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 217.203 ug/l

RT: 11.67 min Scan# 1768

Delta R.T. -0.14 min

Lab File: VX013612.D

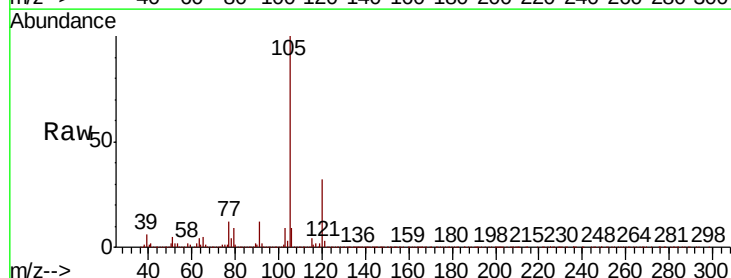
Acq: 26 Nov 2019 20:30

Tgt Ion:105 Resp: 5817337

Ion Ratio Lower Upper

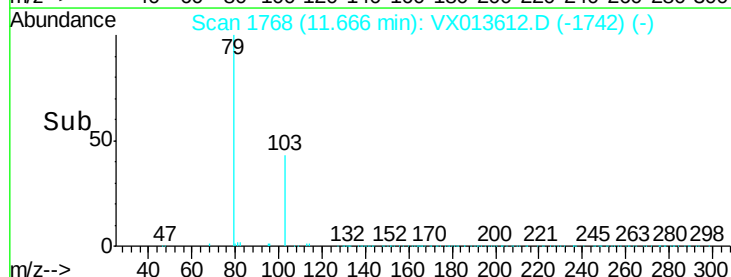
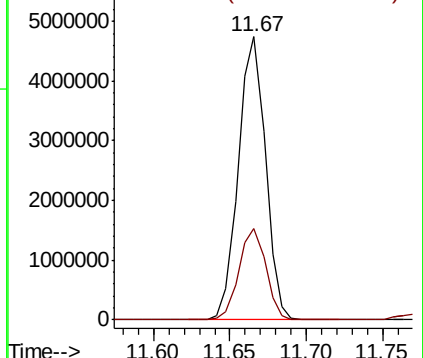
105 100

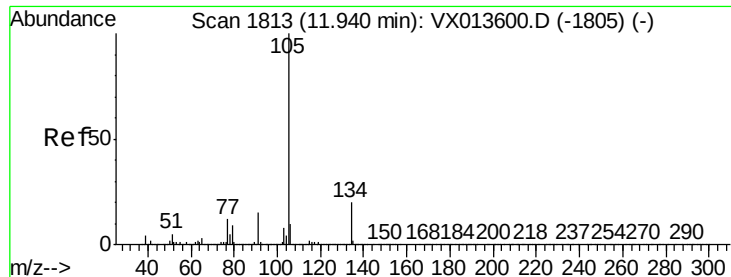
120 31.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.998 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

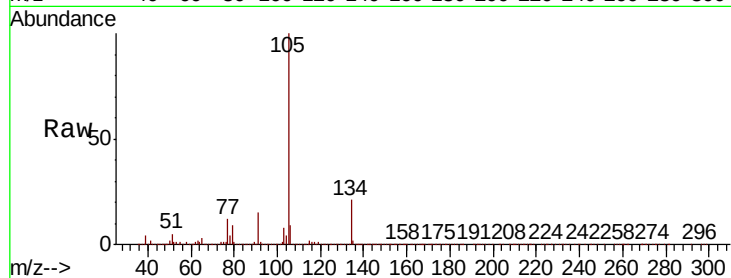
ClientSampled :

Tot Ion:105 Resp: 1592893

Ion Ratio Lower Upper

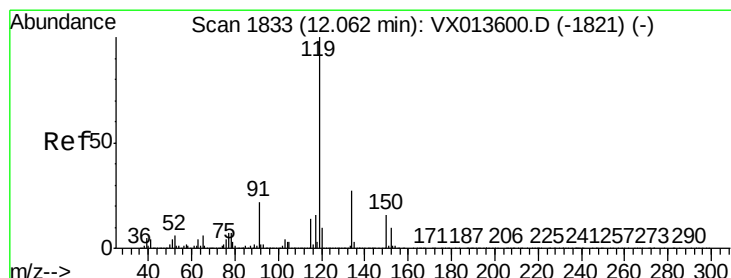
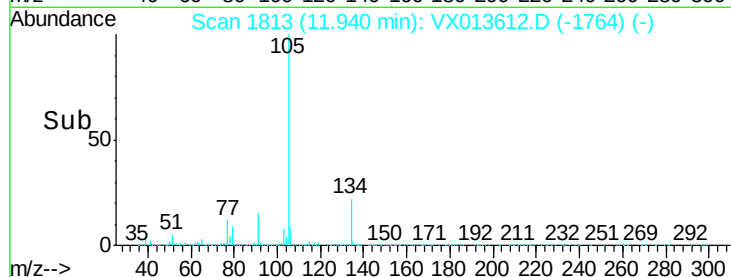
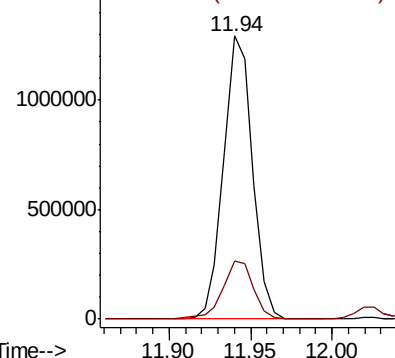
105 100

134 22.0 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: 52.458 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

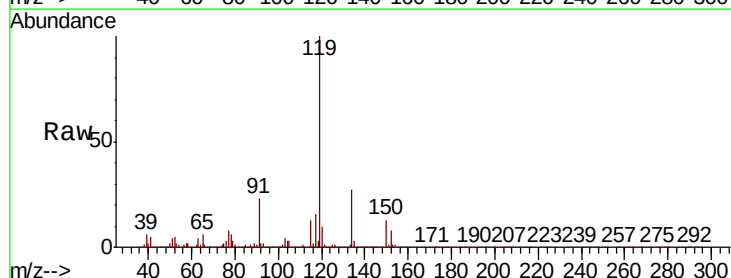
Tgt Ion:119 Resp: 1494986

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

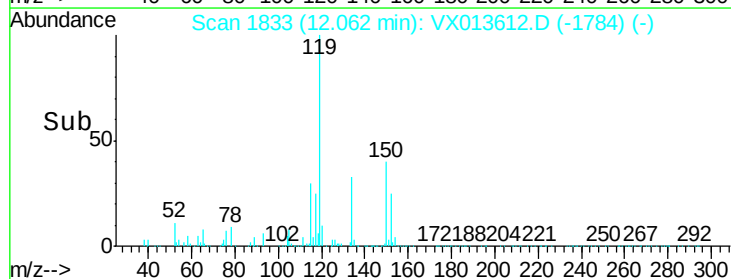
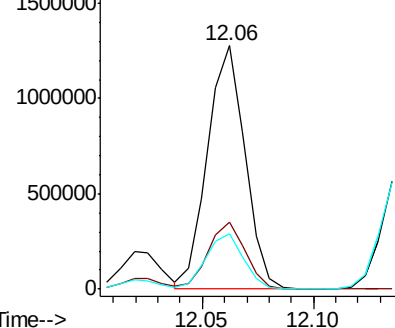
91 22.7 11.3 33.8

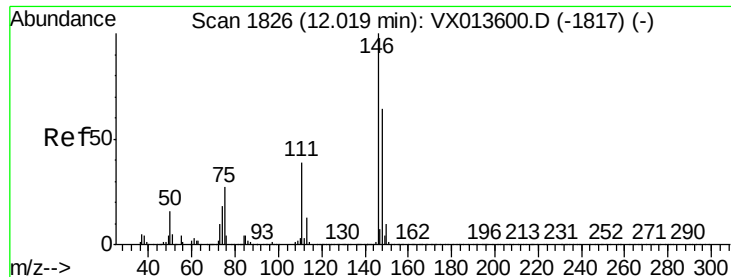


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.266 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

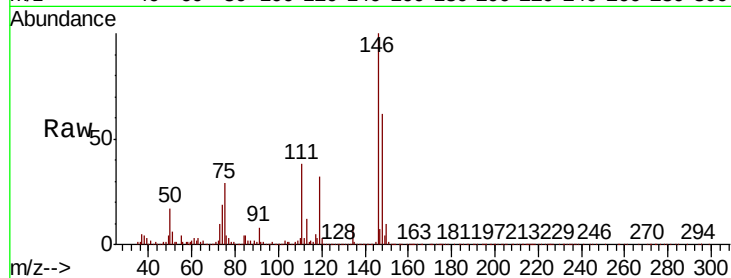
Tot Ion:146 Resp: 762184

Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

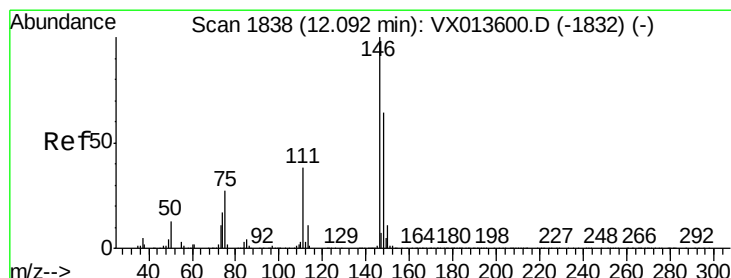
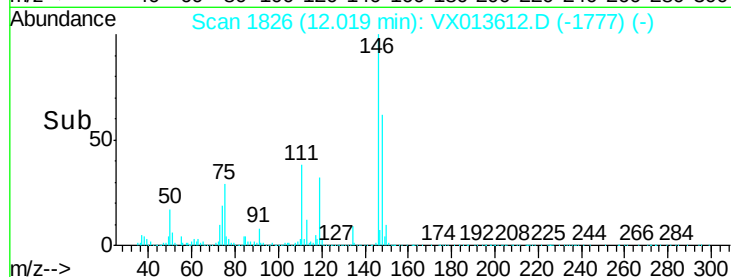
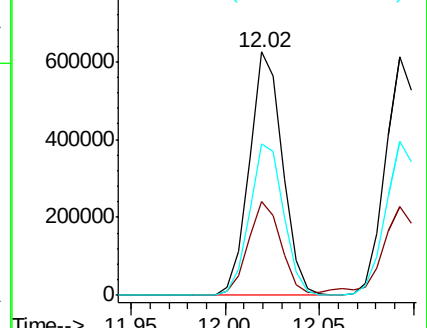
148 63.8 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.130 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

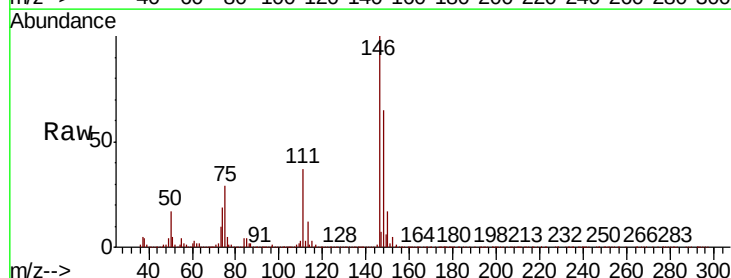
Tgt Ion:146 Resp: 758782

Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.9

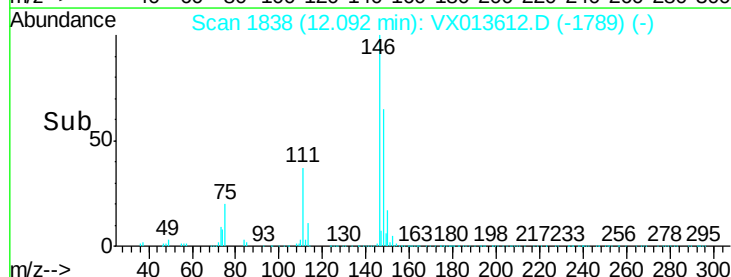
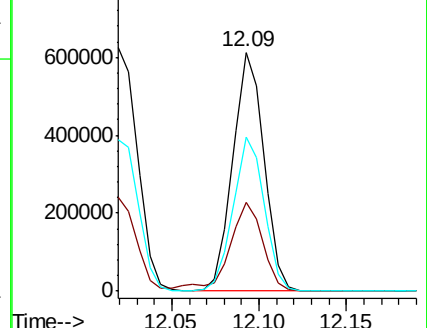
148 64.5 31.9 95.5

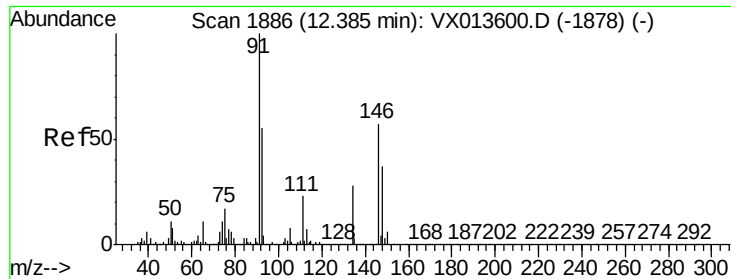


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 69.021 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

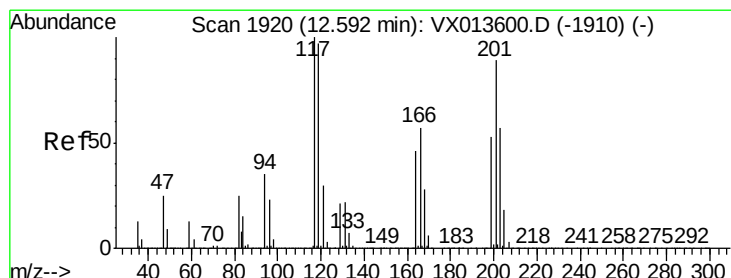
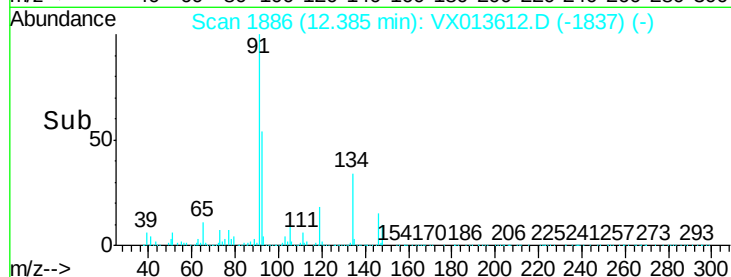
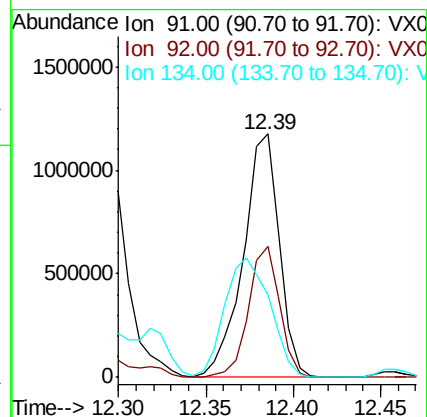
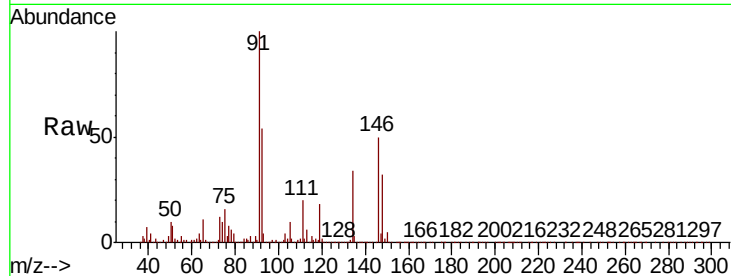
Tot Ion: 91 Resp: 1677661

Ion Ratio Lower Upper

91 100

92 46.4 27.4 82.2

134 62.0 13.5 40.4#



#90

Hexachloroethane

Concen: 92.875 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX013612.D

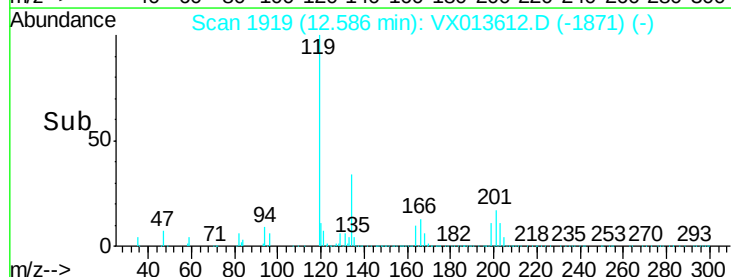
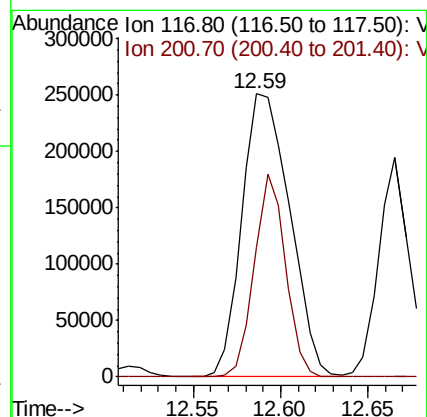
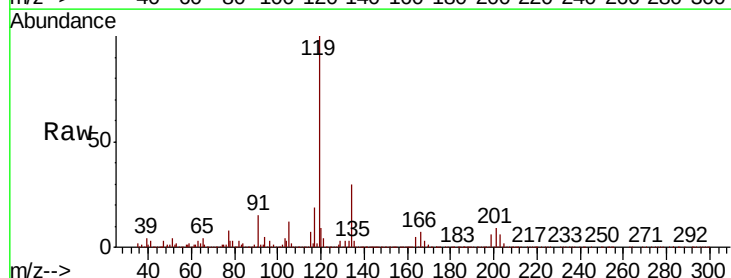
Acq: 26 Nov 2019 20:30

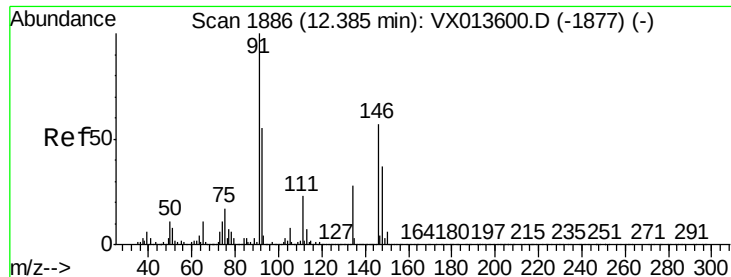
Tgt Ion: 117 Resp: 478418

Ion Ratio Lower Upper

117 100

201 46.6 44.1 132.4

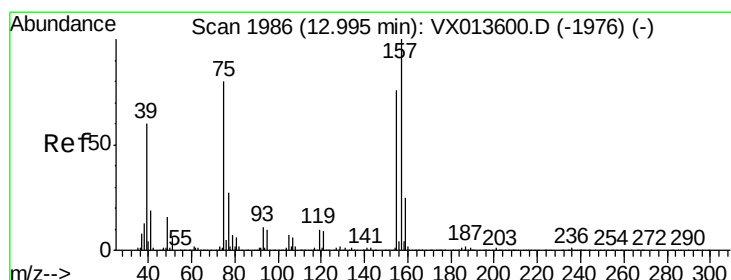
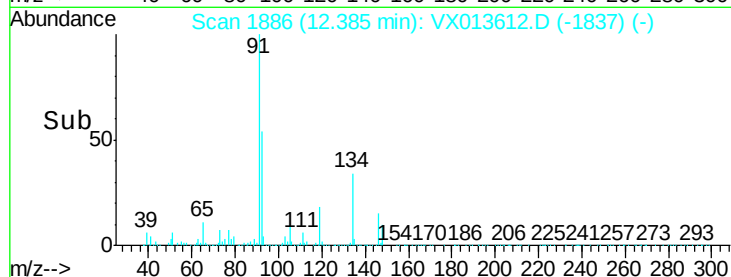
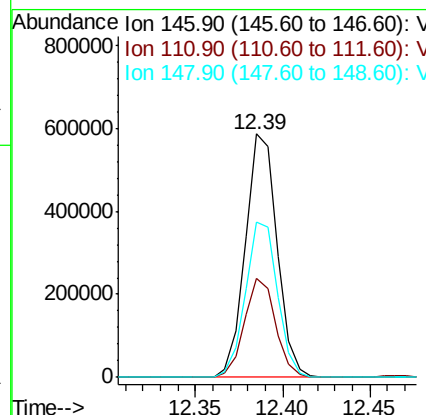
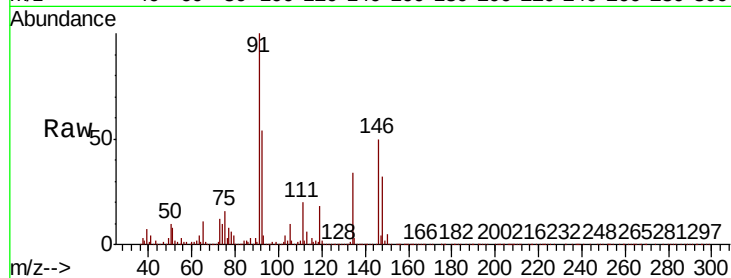




#91
 1,2-Dichlorobenzene
 Concen: 49.239 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

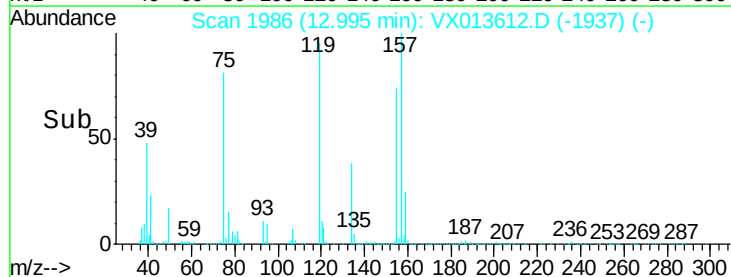
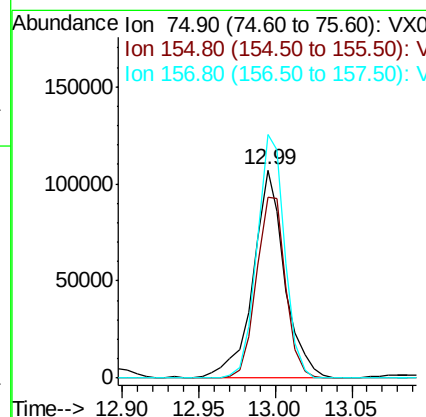
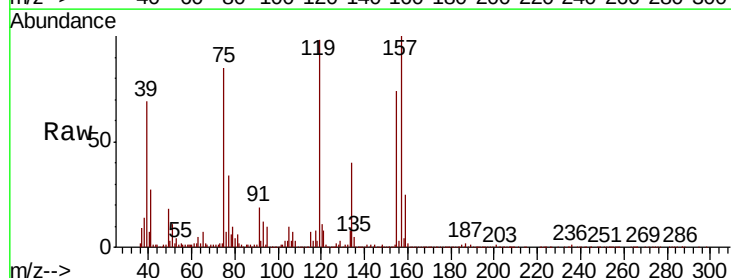
Instrument :
 MSVOA_X
 ClientSampleId :

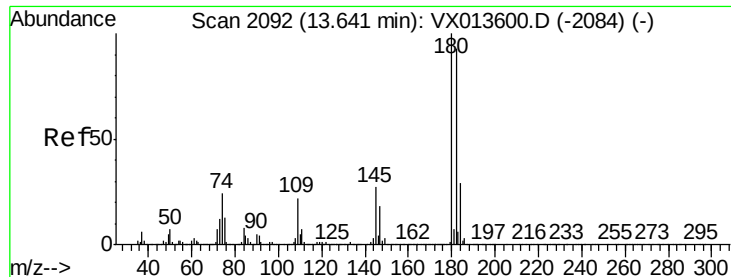
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	64.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.398 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	47.6	142.8
157	104.0	62.1	186.2

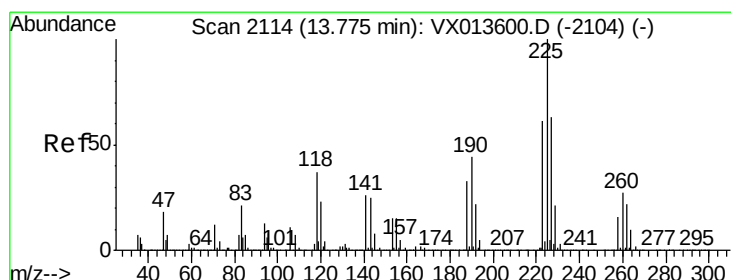
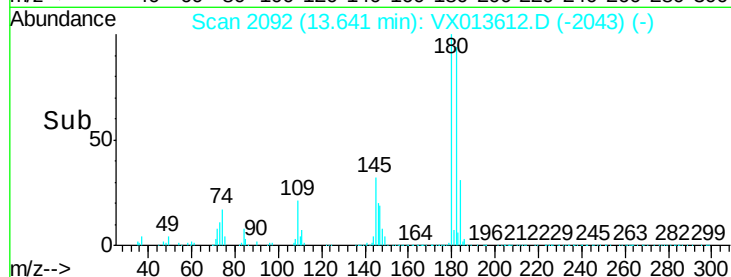
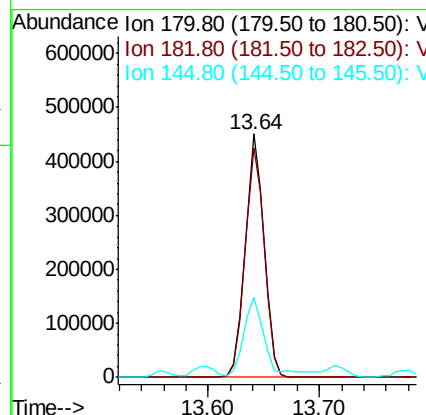
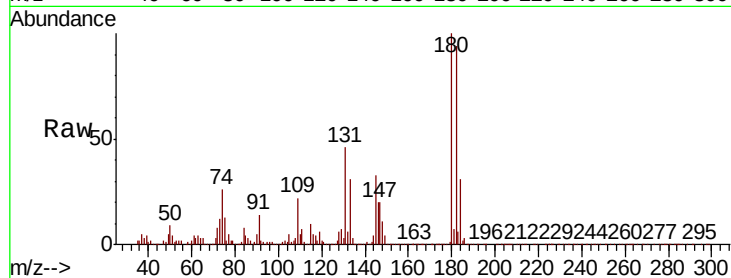




#93
 1,2,4-Trichlorobenzene
 Concen: 50.435 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

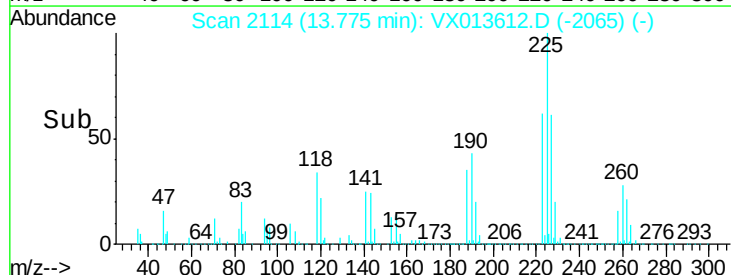
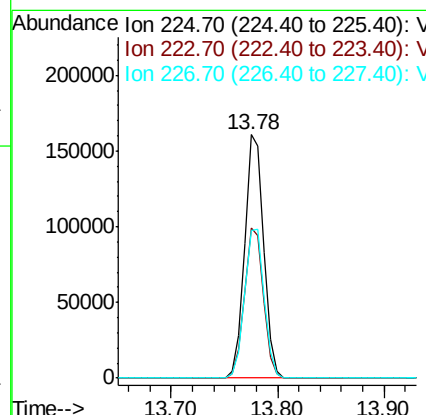
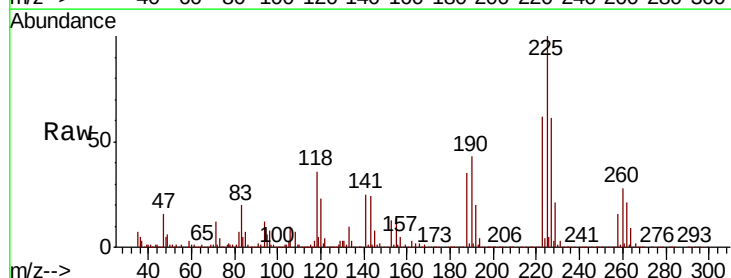
Instrument :
 MSVOA_X
 ClientSampleId :

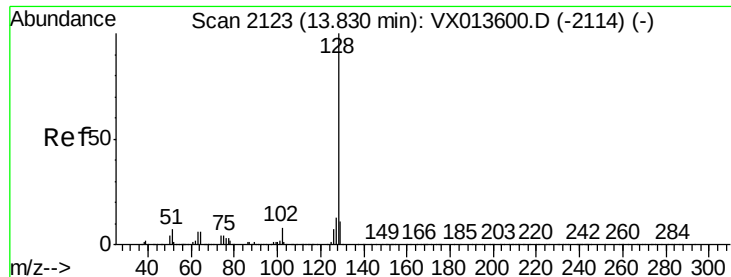
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.2	141.6
145	36.6	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 40.204 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.9	95.5
227	63.0	32.1	96.3





#95

Naphthalene

Concen: 328.019 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

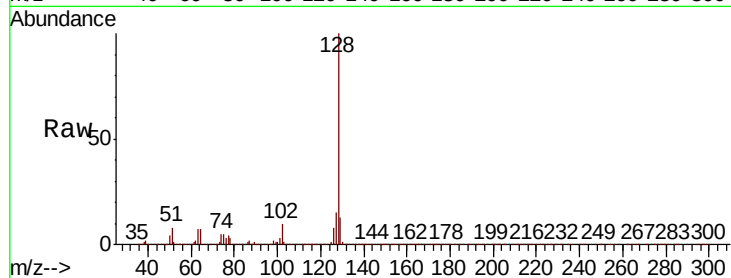
Tot Ion:128 Resp:10199442

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

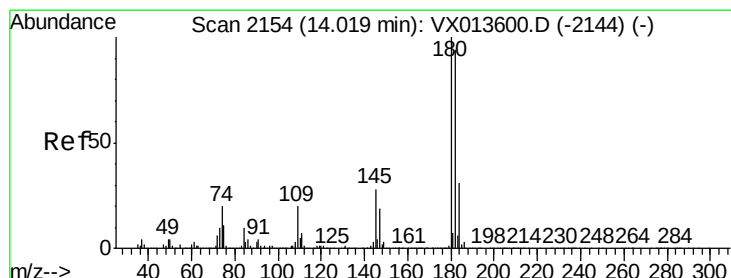
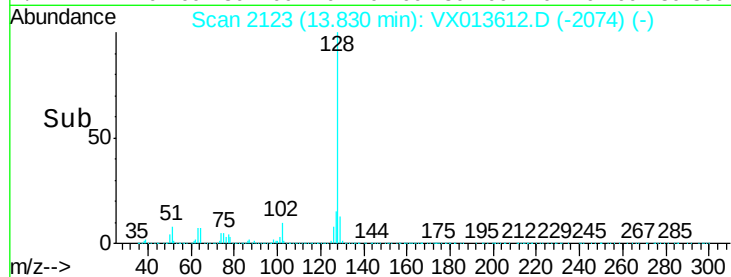
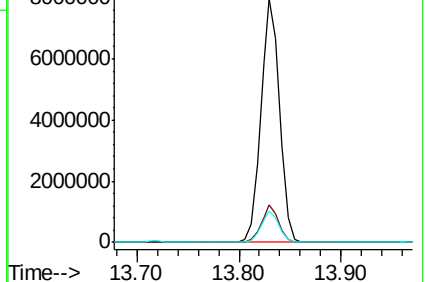
129 12.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.693 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

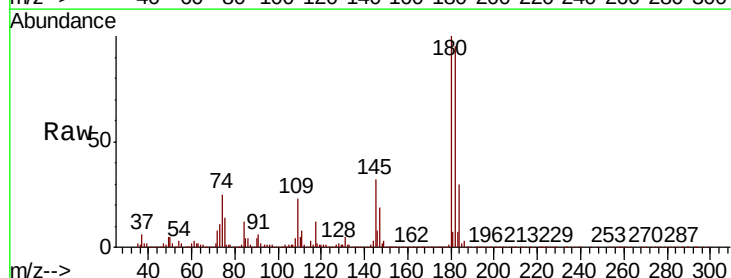
Tgt Ion:180 Resp: 524061

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.8

145 31.7 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

