

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013617.D
 Acq On : 26 Nov 2019 23:12
 Operator : JC/SP
 Sample : VX1126WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 03:45:27 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	688039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1063843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	950941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	468280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	372392	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	5.49	113	307388	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	8.71	98	1187501	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
62) 4-Bromofluorobenzene	11.13	95	413282	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	155527	20.308	ug/l	100
3) Chloromethane	1.32	50	167531	19.496	ug/l	99
4) Vinyl Chloride	1.40	62	194435	20.103	ug/l	97
5) Bromomethane	1.63	94	117364	18.069	ug/l	99
6) Chloroethane	1.72	64	104490	18.985	ug/l	97
7) Trichlorofluoromethane	1.92	101	205618	19.146	ug/l	99
8) Diethyl Ether	2.18	74	95604	19.677	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123501	18.827	ug/l	97
10) Methyl Iodide	2.50	142	138387	17.440	ug/l	98
11) Tert butyl alcohol	3.03	59	185867	94.284	ug/l	99
12) 1,1-Dichloroethene	2.36	96	127458	19.466	ug/l	99
13) Acrolein	2.28	56	112630	89.383	ug/l	97
14) Allyl chloride	2.72	41	219308	18.456	ug/l	98
15) Acrylonitrile	3.13	53	393426	96.684	ug/l	99
16) Acetone	2.43	43	343109	87.016	ug/l	99
17) Carbon Disulfide	2.56	76	333929	17.890	ug/l	99
18) Methyl Acetate	2.76	43	225372	20.526	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	422938	19.498	ug/l	97
20) Methylene Chloride	2.85	84	139140	18.368	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	133714	18.745	ug/l	99
22) Diisopropyl ether	3.84	45	452166	19.762	ug/l	94
23) Vinyl Acetate	3.80	43	1826373	95.952	ug/l	98
24) 1,1-Dichloroethane	3.69	63	241905	19.340	ug/l	99
25) 2-Butanone	4.66	43	556101	94.895	ug/l	98
26) 2,2-Dichloropropane	4.57	77	171611	16.583	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	154508	18.861	ug/l	99
28) Bromochloromethane	5.00	49	97058	19.628	ug/l	98
29) Tetrahydrofuran	5.11	42	353521	97.858	ug/l	98
30) Chloroform	5.20	83	238233	18.780	ug/l	97
31) Cyclohexane	5.57	56	218369	18.510	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	203863	19.231	ug/l	99
36) 1,1-Dichloropropene	5.79	75	176624	18.290	ug/l	98
37) Ethyl Acetate	4.82	43	208541	19.249	ug/l	99
38) Carbon Tetrachloride	5.78	117	170976	19.201	ug/l	95

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 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 03:45:27 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)
39) Methylcyclohexane	7.46	83	219655	18.401	ug/l	95
40) Benzene	6.14	78	557342	18.949	ug/l	99
41) Methacrylonitrile	5.03	41	115104	19.373	ug/l	98
42) 1,2-Dichloroethane	6.18	62	194841	19.424	ug/l	99
43) Isopropyl Acetate	6.43	43	341060	19.122	ug/l	100
44) Trichloroethene	7.21	130	151103	18.719	ug/l	100
45) 1,2-Dichloropropane	7.51	63	140827	19.137	ug/l	99
46) Dibromomethane	7.65	93	93610	18.730	ug/l	99
47) Bromodichloromethane	7.89	83	176803	18.712	ug/l	98
48) Methyl methacrylate	7.76	41	165922	19.146	ug/l	97
49) 1,4-Dioxane	7.73	88	75063	386.968	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1087967	96.975	ug/l	100
52) Toluene	8.78	92	348256	19.060	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	193765	18.017	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	217796	18.536	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	139949	19.006	ug/l	98
56) Ethyl methacrylate	9.17	69	225773	19.072	ug/l	98
57) 1,3-Dichloropropane	9.37	76	235645	18.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	446815	96.266	ug/l	99
59) 2-Hexanone	9.48	43	828500	94.685	ug/l	99
60) Dibromochloromethane	9.57	129	144782	18.947	ug/l	99
61) 1,2-Dibromoethane	9.67	107	151371	19.248	ug/l	98
64) Tetrachloroethene	9.33	164	137178	19.344	ug/l	98
65) Chlorobenzene	10.14	112	373214	18.903	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	137630	19.413	ug/l	99
67) Ethyl Benzene	10.25	91	661870	19.509	ug/l	98
68) m/p-Xylenes	10.35	106	496554	38.228	ug/l	98
69) o-Xylene	10.70	106	241243	19.043	ug/l	97
70) Styrene	10.71	104	409392	19.211	ug/l	100
71) Bromoform	10.85	173	108452	18.488	ug/l #	100
73) Isopropylbenzene	11.01	105	639415	19.466	ug/l	99
74) N-amyl acetate	10.89	43	293291	19.491	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	225075	19.758	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	246783	23.431	ug/l	88
77) Bromobenzene	11.25	156	169986	19.155	ug/l	98
78) n-propylbenzene	11.35	91	711356	19.400	ug/l	100
79) 2-Chlorotoluene	11.42	91	428185	19.466	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	528589	19.634	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63460	16.484	ug/l	90
82) 4-Chlorotoluene	11.51	91	483946	18.996	ug/l	99
83) tert-Butylbenzene	11.77	119	530254	19.380	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	536538	19.637	ug/l	99
85) sec-Butylbenzene	11.94	105	611272	19.560	ug/l	100
86) p-Isopropyltoluene	12.06	119	555862	19.119	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	292631	18.917	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	289956	18.403	ug/l	98
89) n-Butylbenzene	12.38	91	454468	18.328	ug/l	100
90) Hexachloroethane	12.59	117	97298	18.515	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	294267	19.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45728	18.434	ug/l	97

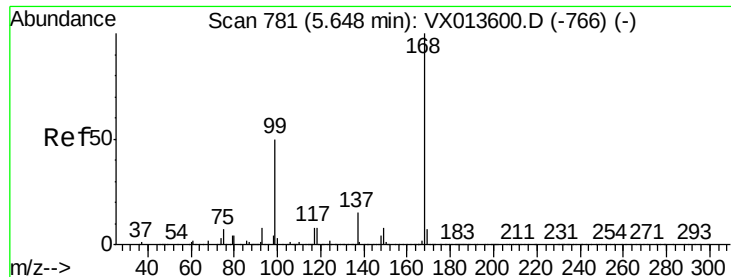
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	192398	18.063	ug/l	99
94) Hexachlorobutadiene	13.77	225	91534	17.889	ug/l	98
95) Naphthalene	13.83	128	611489	19.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	194039	18.398	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

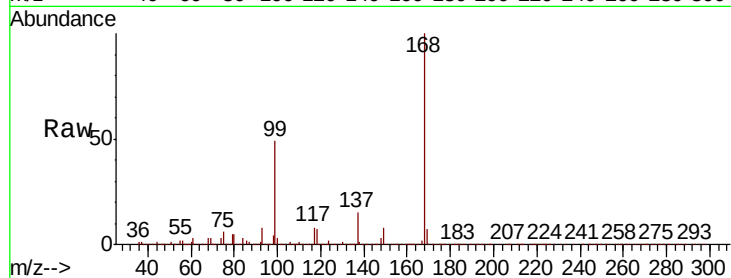
ClientSampleId :

Tot Ion:168 Resp: 688039

Ion Ratio Lower Upper

168 100

99 48.5 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

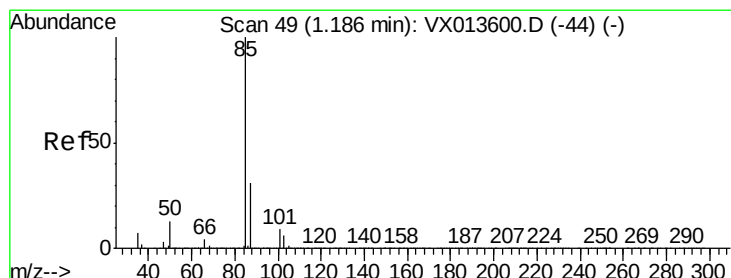
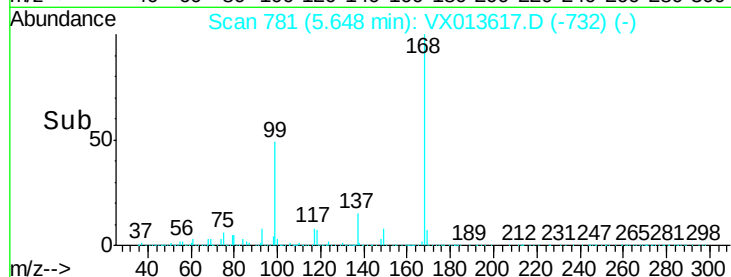
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.308 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013617.D

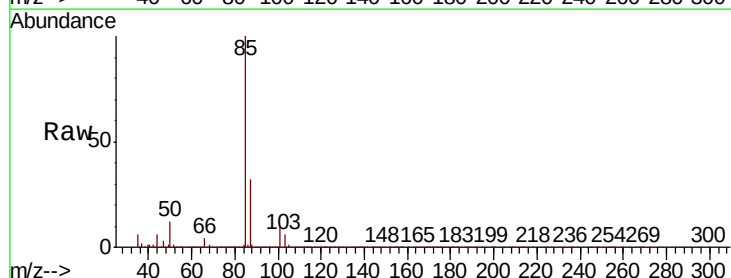
Acq: 26 Nov 2019 23:12

Tgt Ion: 85 Resp: 155527

Ion Ratio Lower Upper

85 100

87 31.5 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

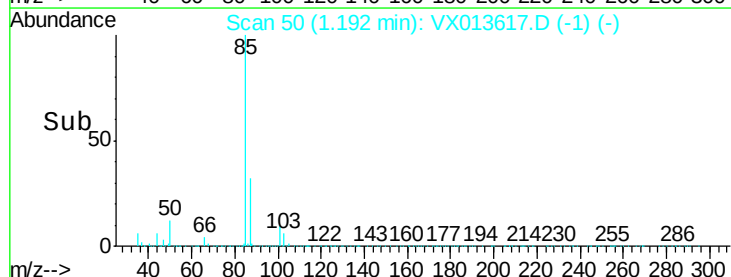
150000

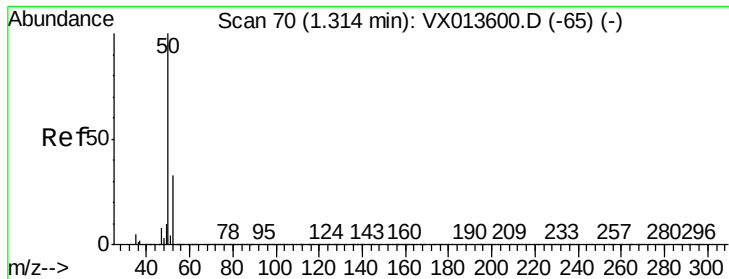
100000

50000

0

Time-->





#3

Chloromethane

Concen: 19.496 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

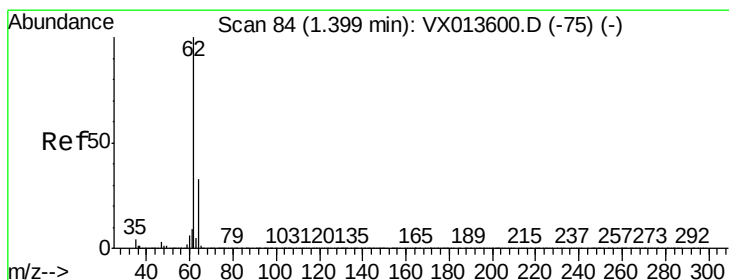
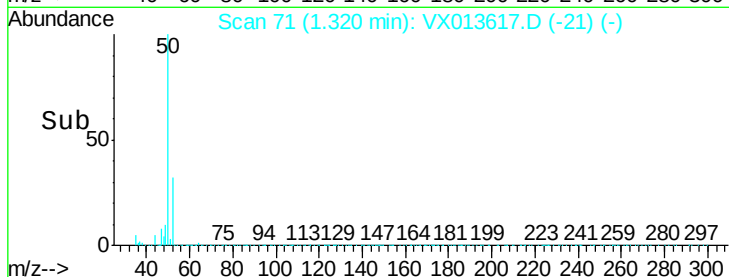
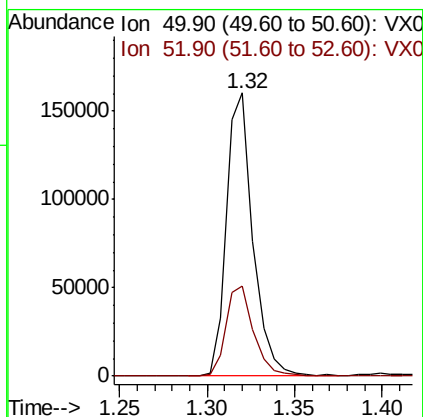
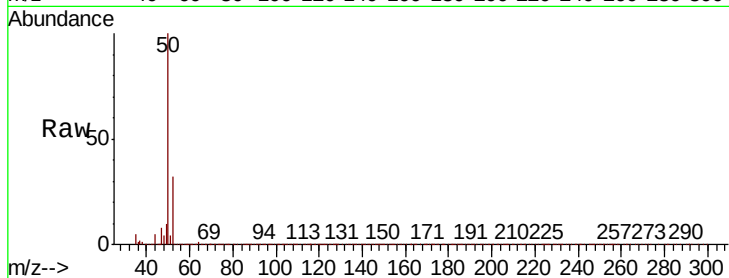
ClientSampleId :

Tot Ion: 50 Resp: 167531

Ion Ratio Lower Upper

50 100

52 31.9 26.0 39.0



#4

Vinyl Chloride

Concen: 20.103 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013617.D

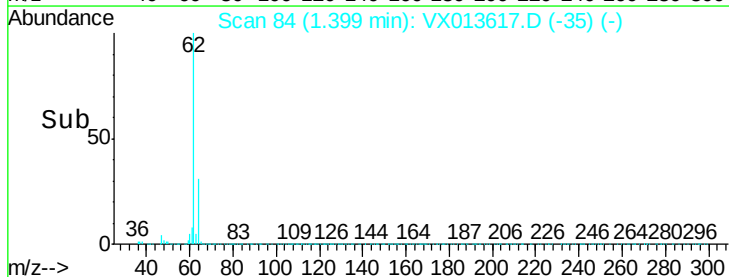
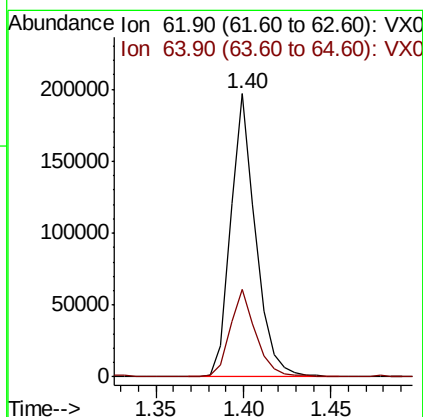
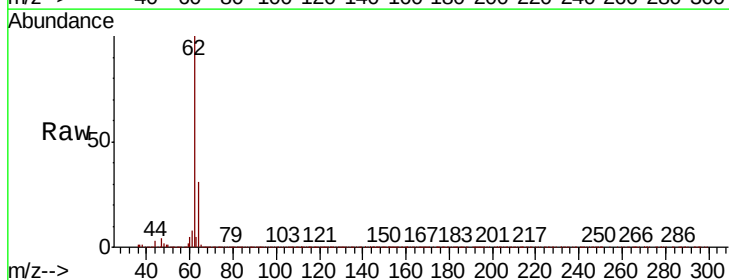
Acq: 26 Nov 2019 23:12

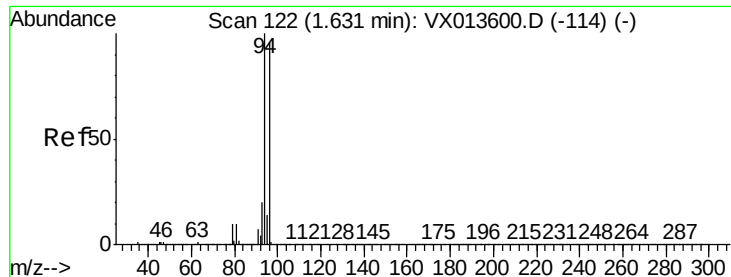
Tgt Ion: 62 Resp: 194435

Ion Ratio Lower Upper

62 100

64 30.6 26.0 39.0





#5

Bromomethane

Concen: 18.069 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

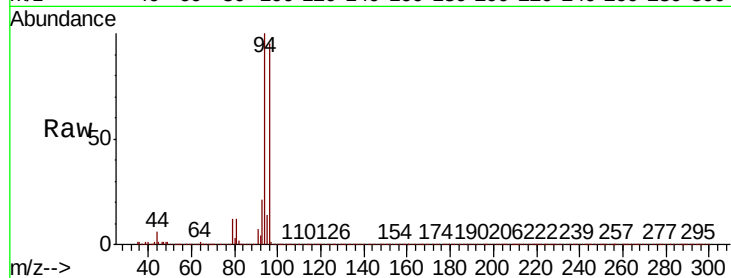
ClientSampleId :

Tot Ion: 94 Resp: 117364

Ion Ratio Lower Upper

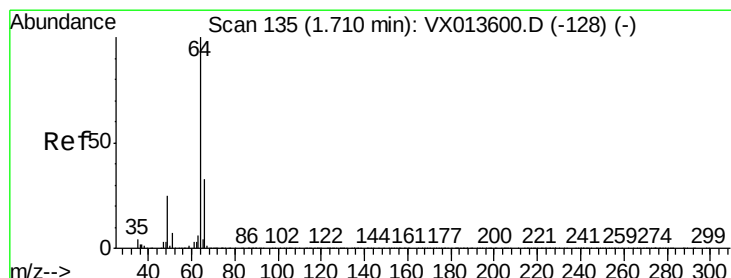
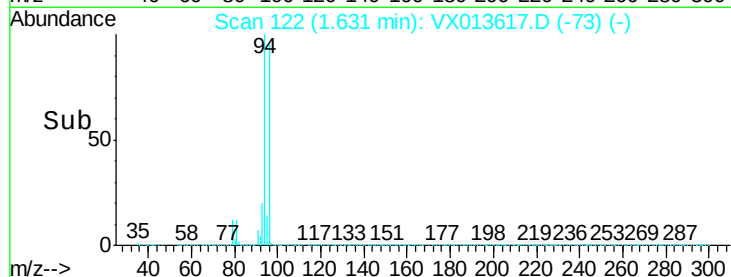
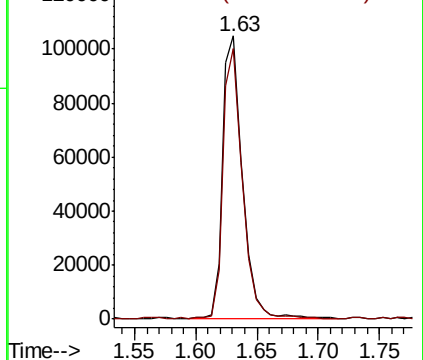
94 100

96 95.4 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: 18.985 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013617.D

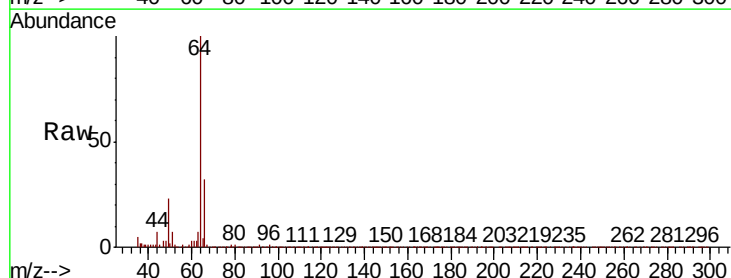
Acq: 26 Nov 2019 23:12

Tgt Ion: 64 Resp: 104490

Ion Ratio Lower Upper

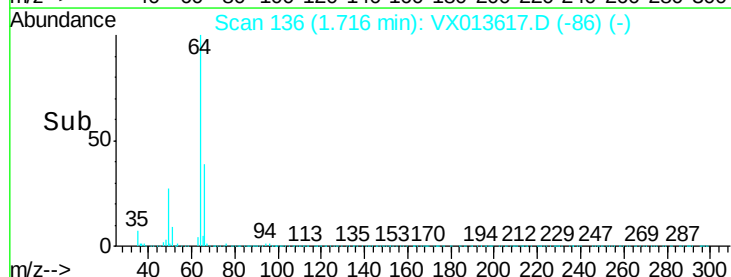
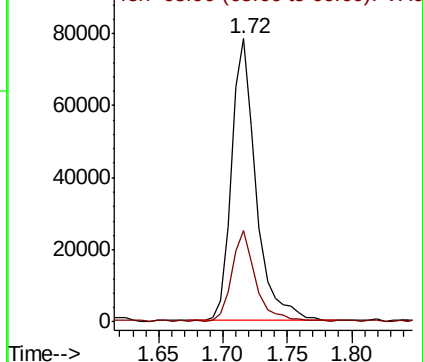
64 100

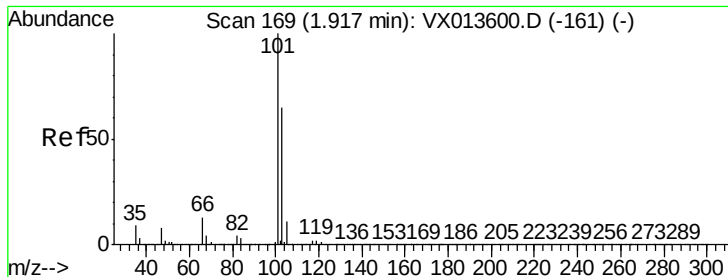
66 31.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



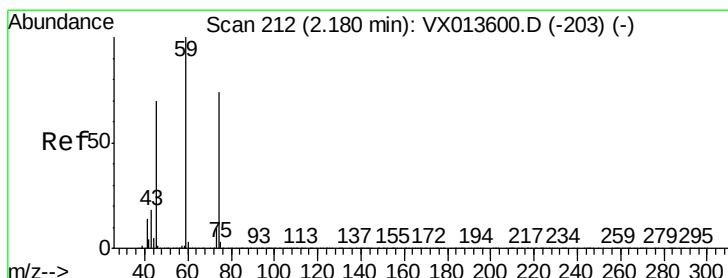
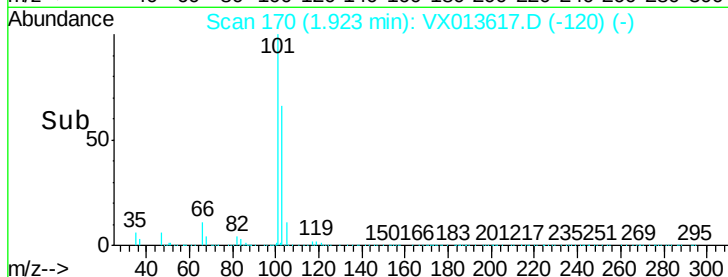
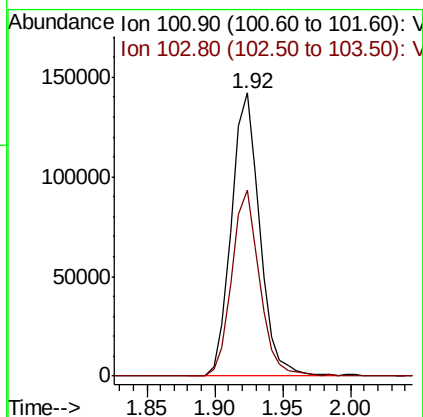
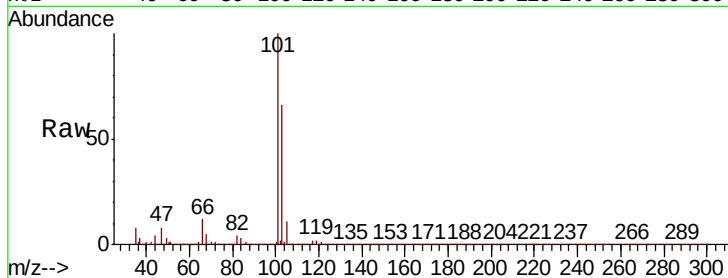


#7

Trichlorofluoromethane
Concen: 19.146 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :

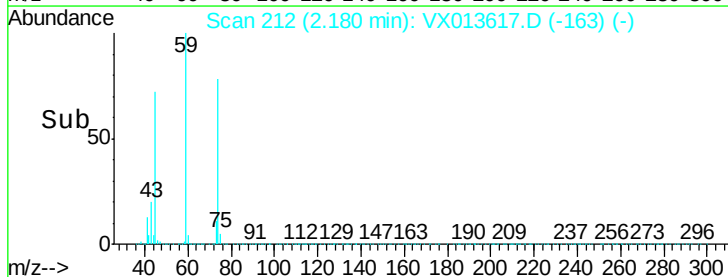
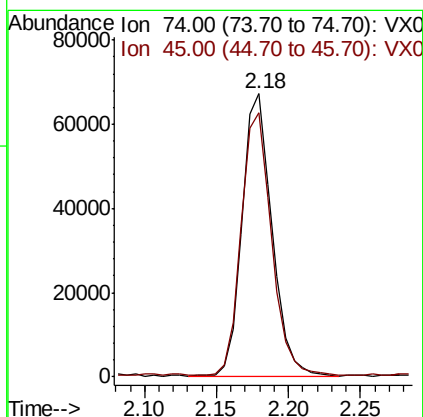
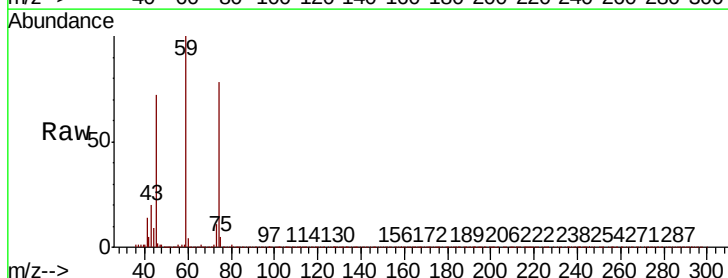
Tot Ion:101 Resp: 205618
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6

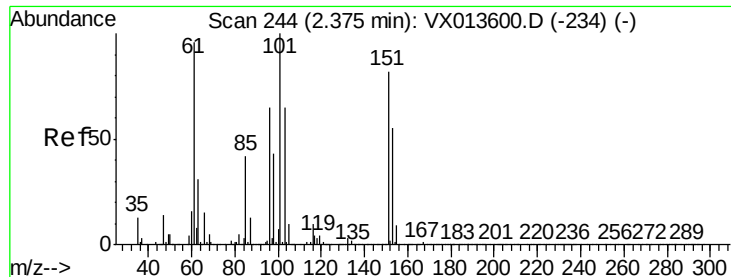


#8

Diethyl Ether
Concen: 19.677 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 74 Resp: 95604
Ion Ratio Lower Upper
74 100
45 95.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.827 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

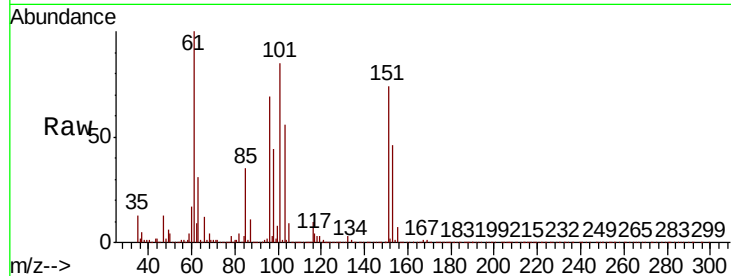
Tot Ion:101 Resp: 123501

Ion Ratio Lower Upper

101 100

85 42.6 33.9 50.9

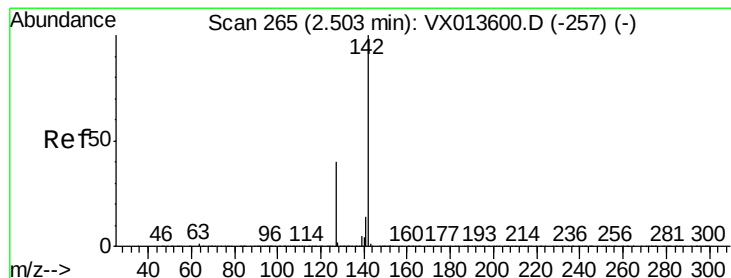
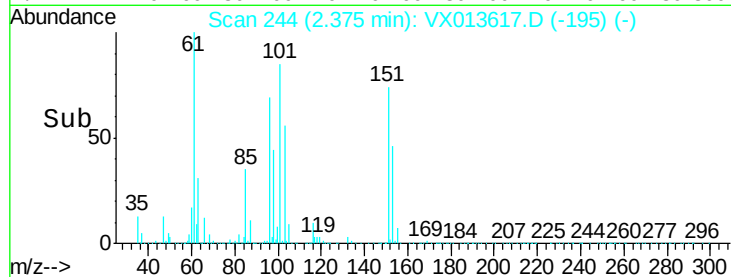
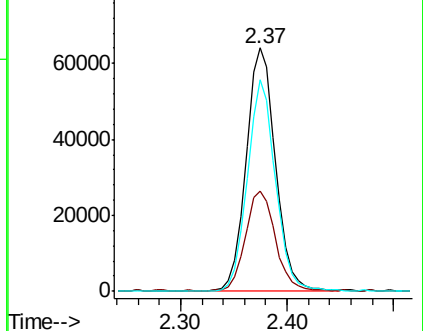
151 83.8 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.440 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

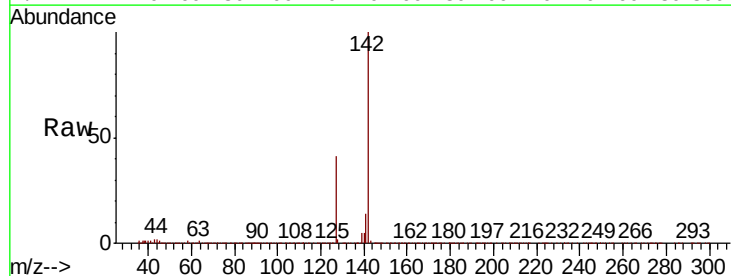
Tgt Ion:142 Resp: 138387

Ion Ratio Lower Upper

142 100

127 39.9 31.0 46.4

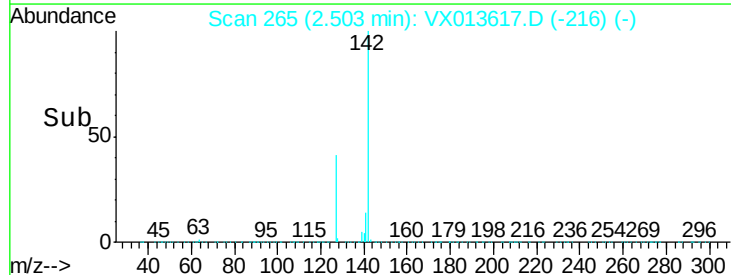
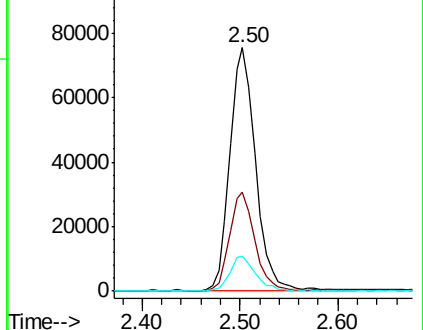
141 14.2 11.6 17.4

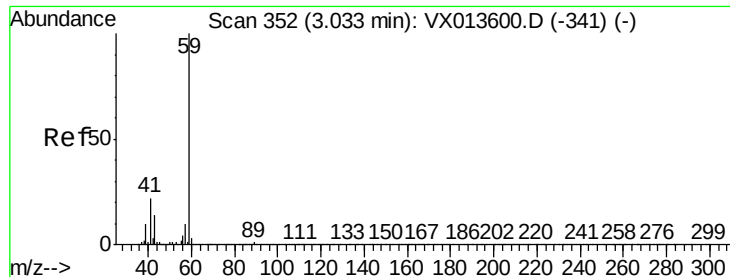


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



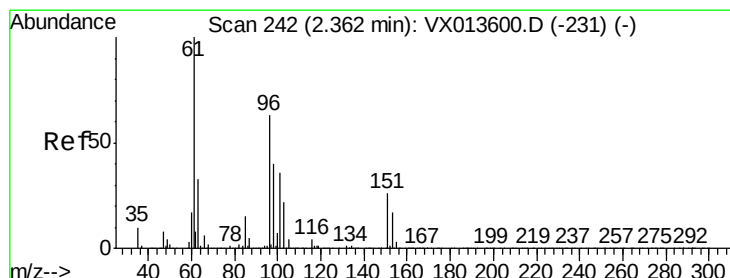
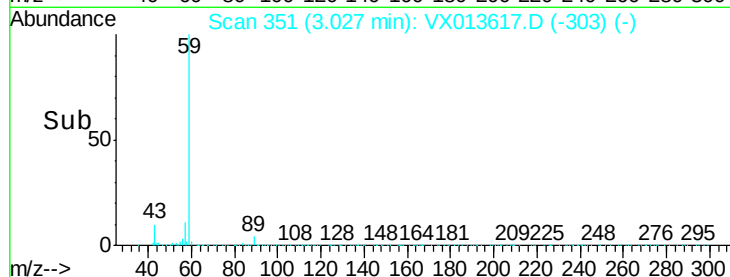
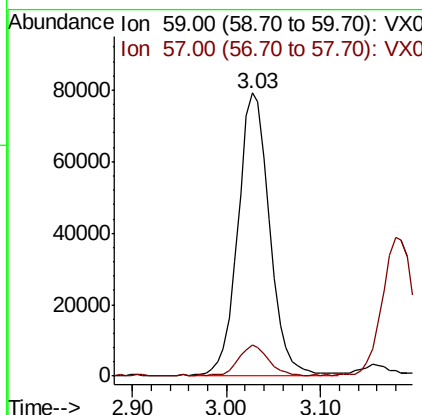
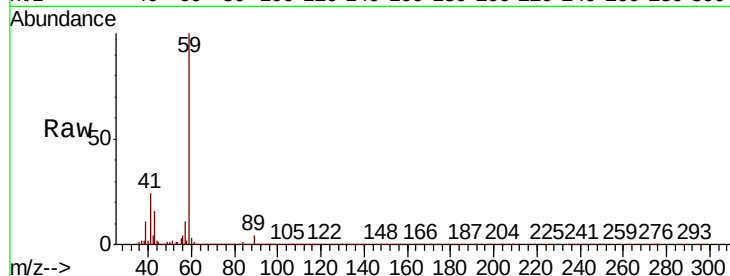


#11

Tert butyl alcohol
Concen: 94.284 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampled :

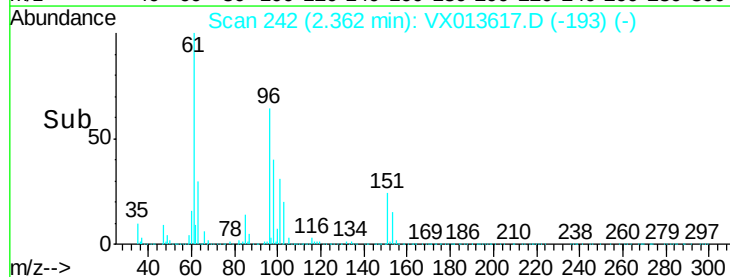
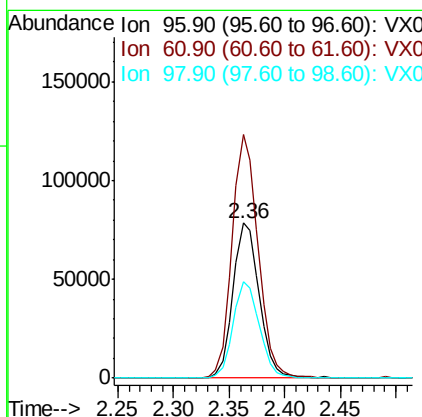
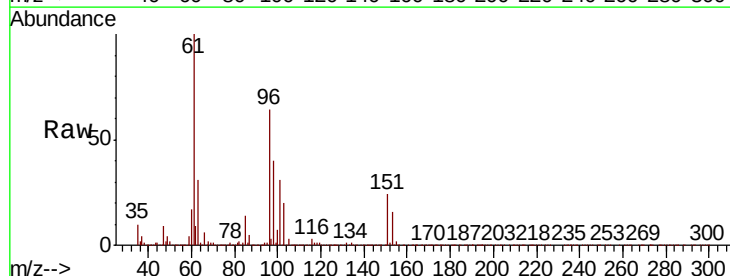
Tot Ion: 59 Resp: 185867
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.6

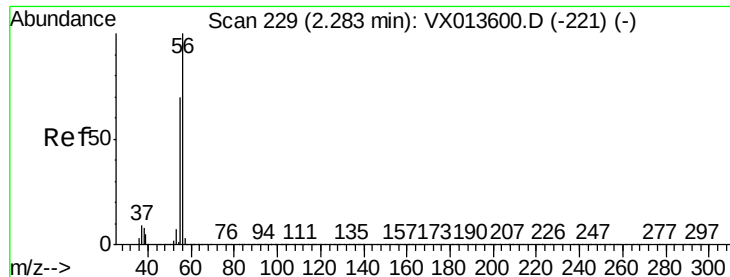


#12

1,1-Dichloroethene
Concen: 19.466 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 96 Resp: 127458
Ion Ratio Lower Upper
96 100
61 157.0 126.6 190.0
98 62.3 50.6 76.0





#13

Acrolein

Concen: 89.383 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

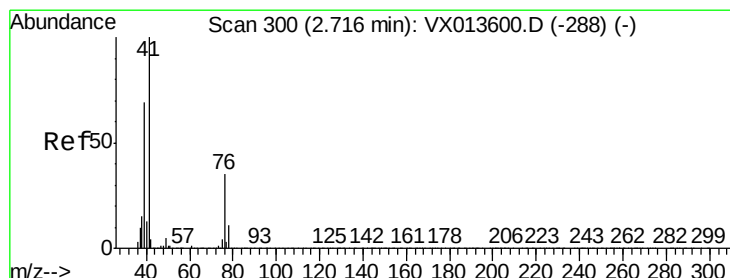
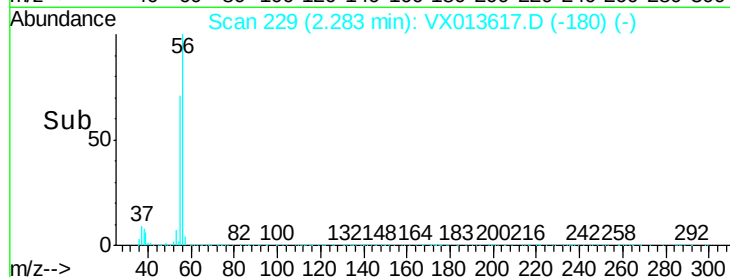
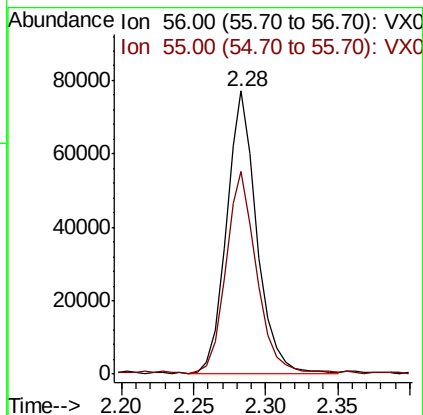
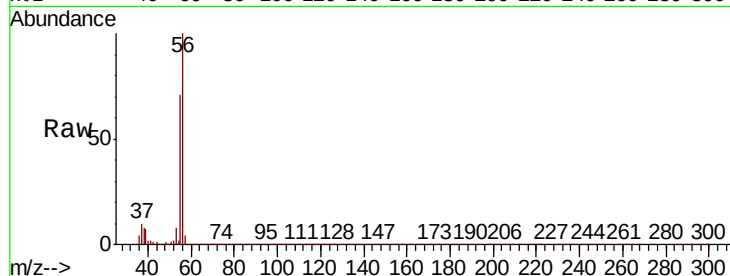
ClientSampleId :

Tot Ion: 56 Resp: 112630

Ion Ratio Lower Upper

56 100

55 72.6 56.2 84.4



#14

Allyl chloride

Concen: 18.456 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

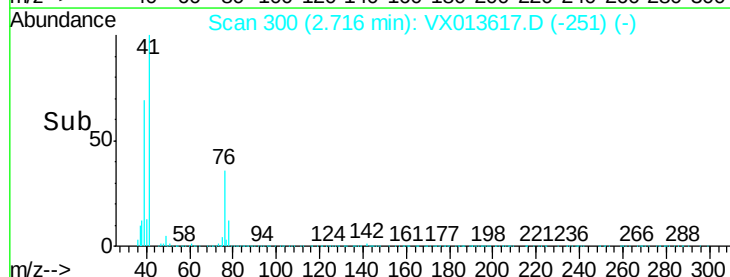
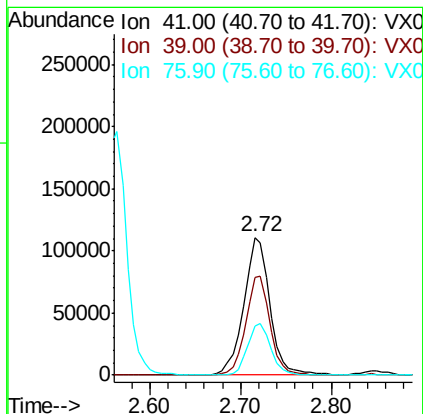
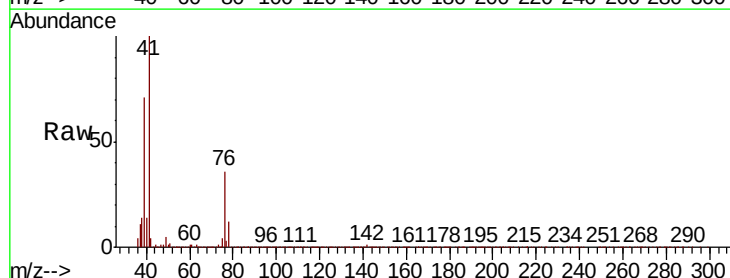
Tgt Ion: 41 Resp: 219308

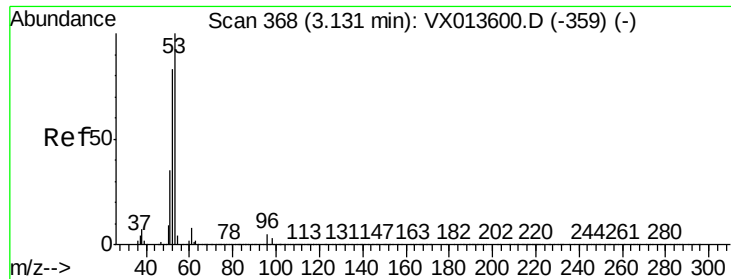
Ion Ratio Lower Upper

41 100

39 66.3 51.7 77.5

76 33.4 25.9 38.9

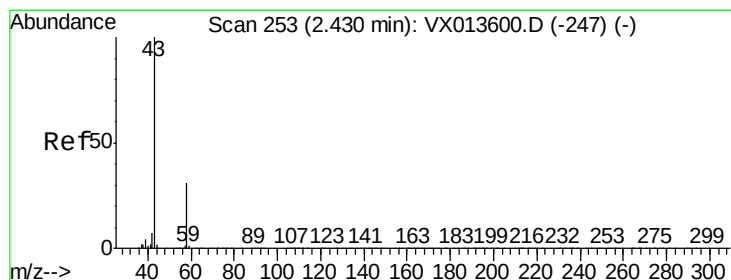
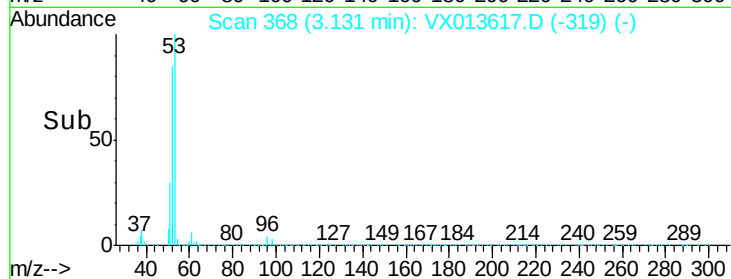
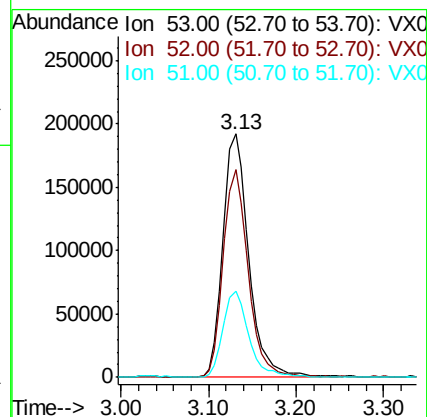
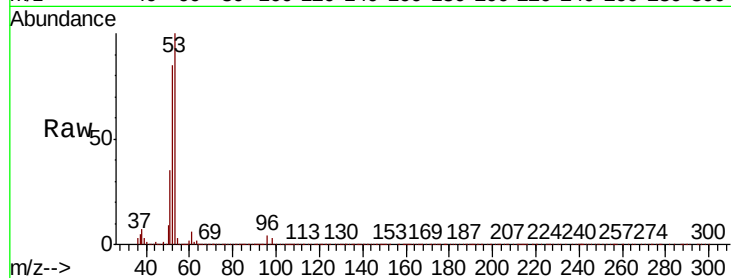




#15
 Acrylonitrile
 Concen: 96.684 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

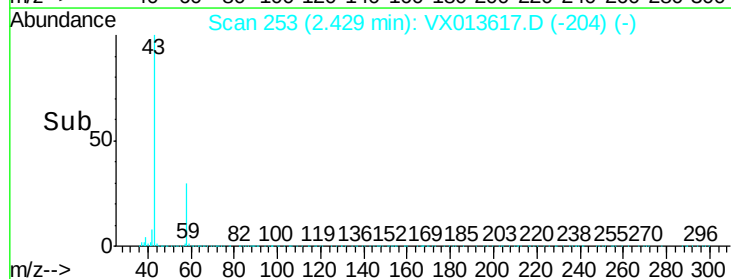
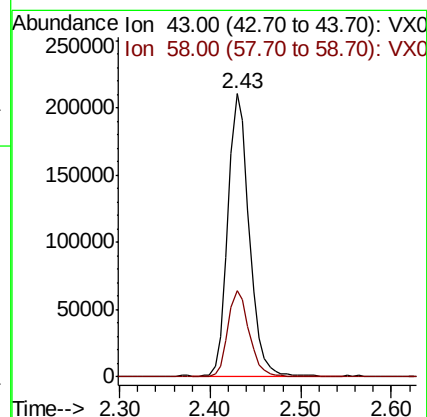
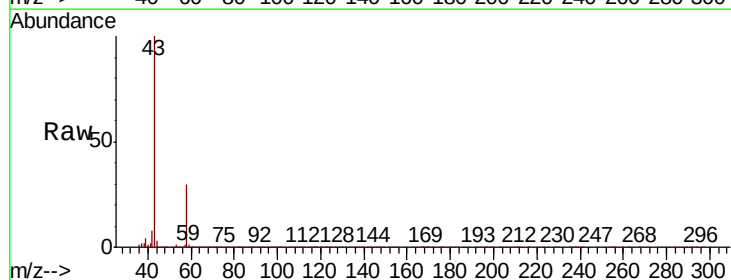
Instrument :
 MSVOA_X
 ClientSampled :

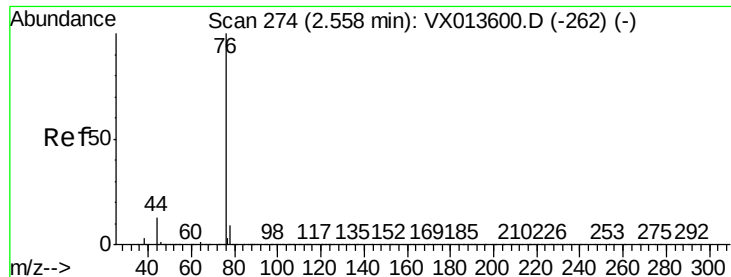
Tot Ion	53	Resp	393426
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.2	99.2
51	35.3	29.0	43.6



#16
 Acetone
 Concen: 87.016 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	43	Resp	343109
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.6	36.8





#17

Carbon Disulfide

Concen: 17.890 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

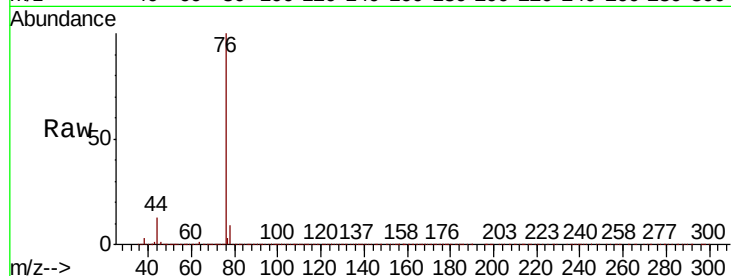
ClientSampleId :

Tot Ion: 76 Resp: 333929

Ion Ratio Lower Upper

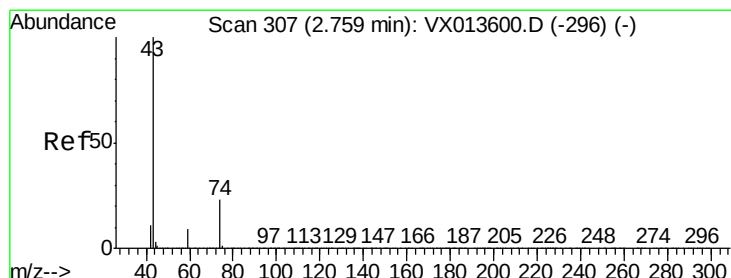
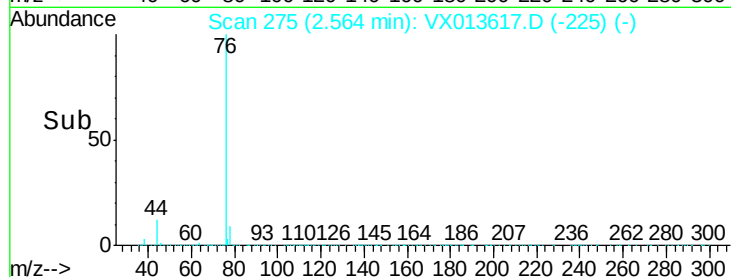
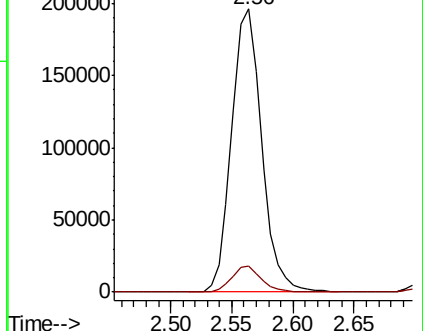
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.526 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013617.D

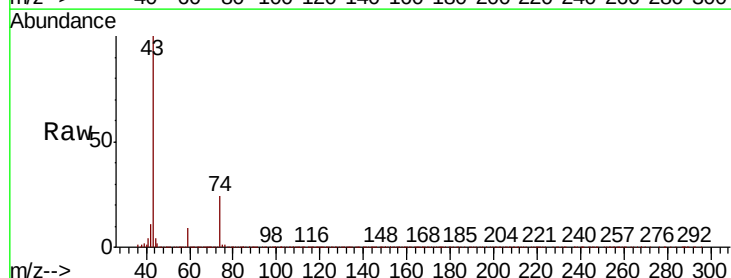
Acq: 26 Nov 2019 23:12

Tgt Ion: 43 Resp: 225372

Ion Ratio Lower Upper

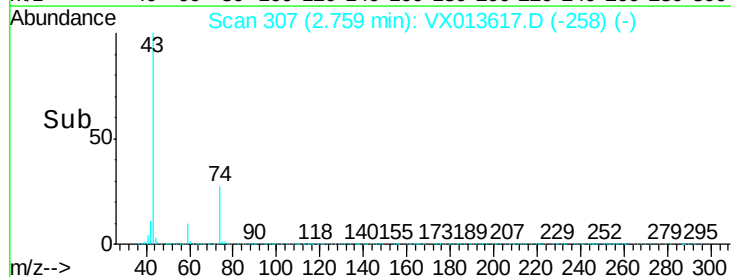
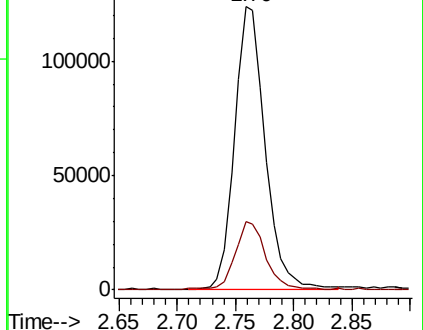
43 100

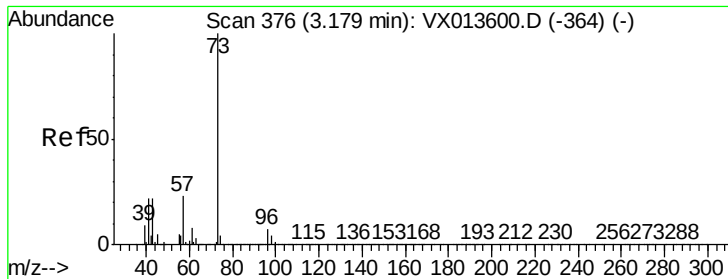
74 24.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

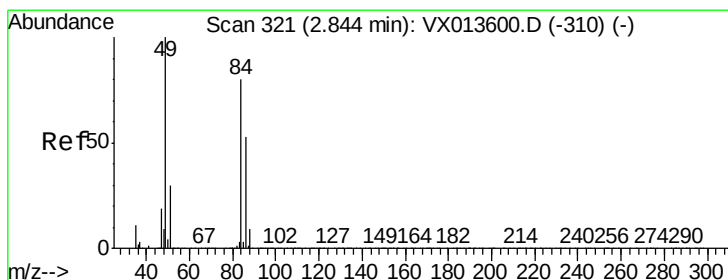
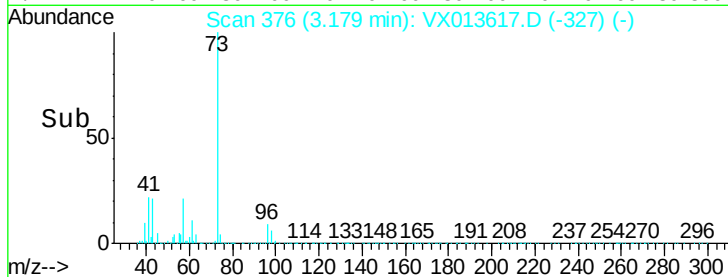
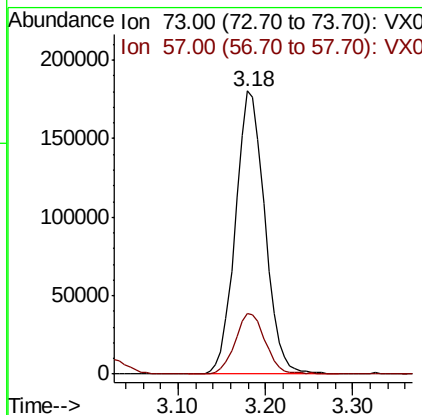
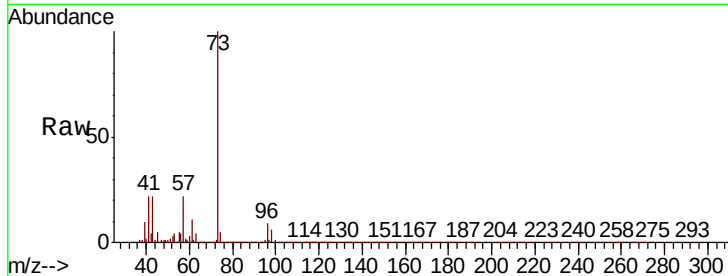




#19
Methyl tert-butyl Ether
Concen: 19.498 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

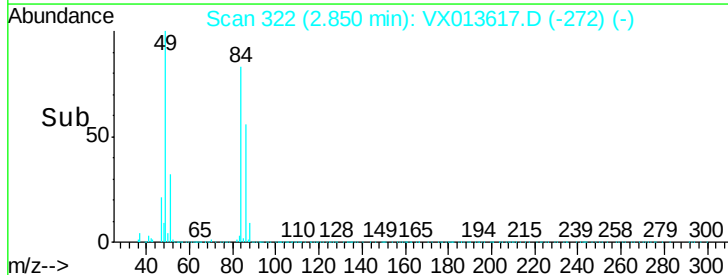
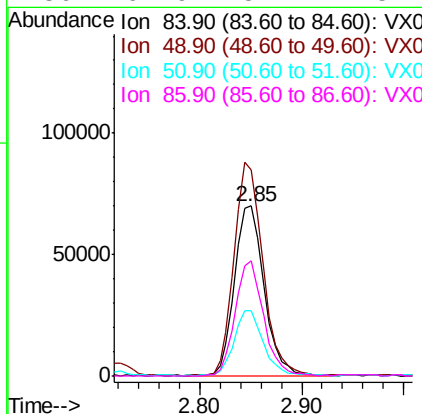
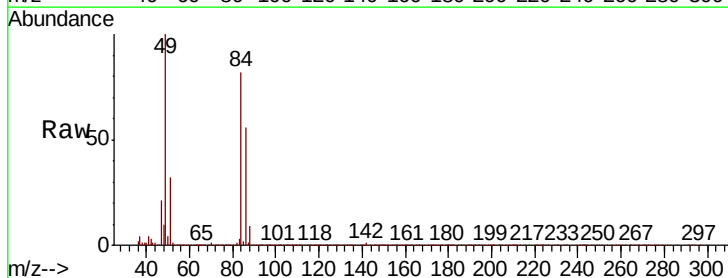
Instrument :
MSVOA_X
ClientSampleId :

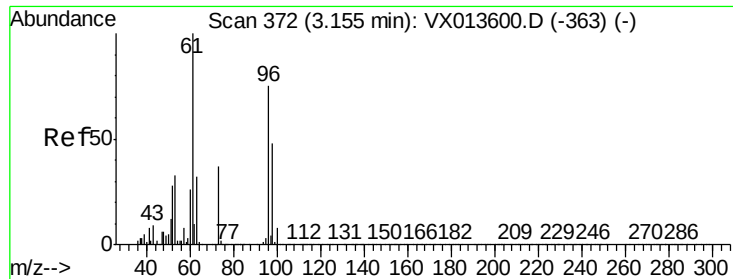
Tot Ion: 73 Resp: 422938
Ion Ratio Lower Upper
73 100
57 21.5 18.3 27.5



#20
Methylene Chloride
Concen: 18.368 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 84 Resp: 139140
Ion Ratio Lower Upper
84 100
49 121.1 99.7 149.5
51 38.4 29.9 44.9
86 67.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.745 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

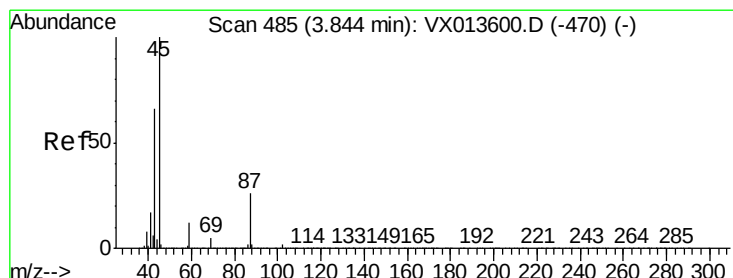
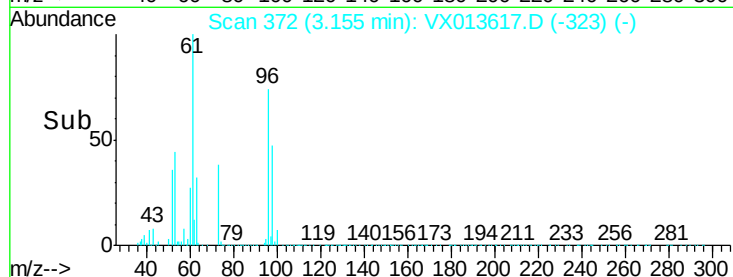
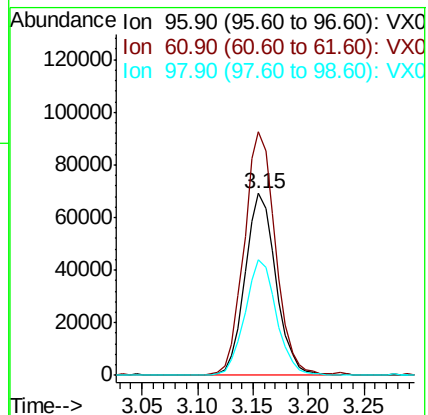
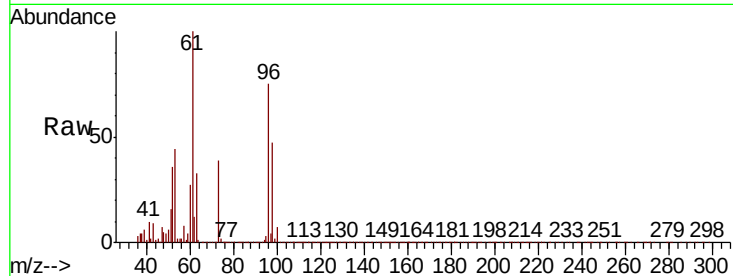
Tot Ion: 96 Resp: 133714

Ion Ratio Lower Upper

96 100

61 133.2 107.2 160.8

98 63.3 51.4 77.0



#22

Diisopropyl ether

Concen: 19.762 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Tgt Ion: 45 Resp: 452166

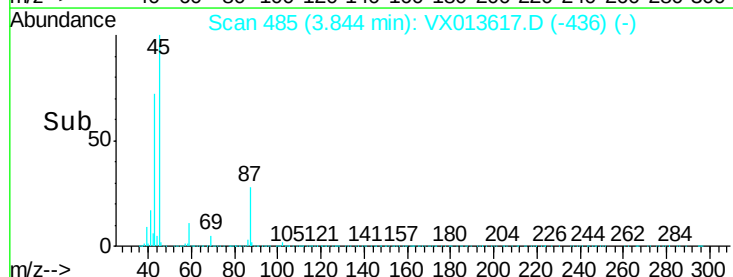
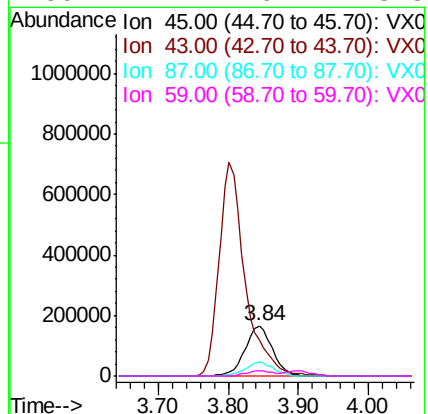
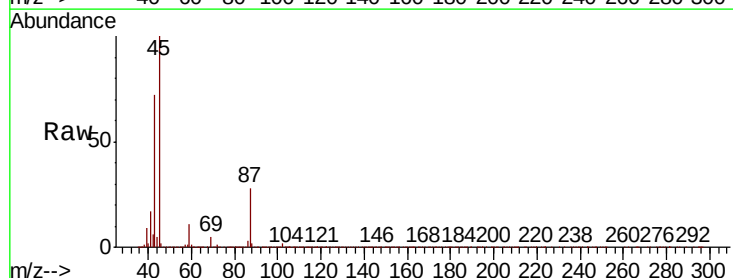
Ion Ratio Lower Upper

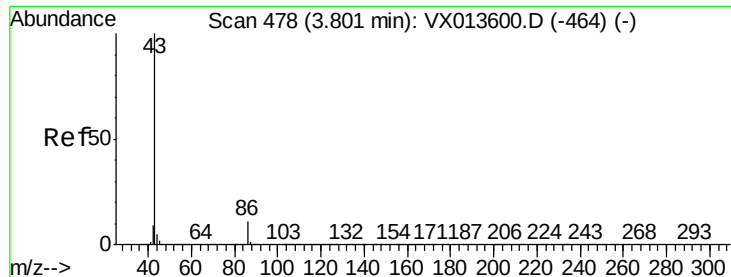
45 100

43 72.0 52.6 79.0

87 27.6 21.1 31.7

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 95.952 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

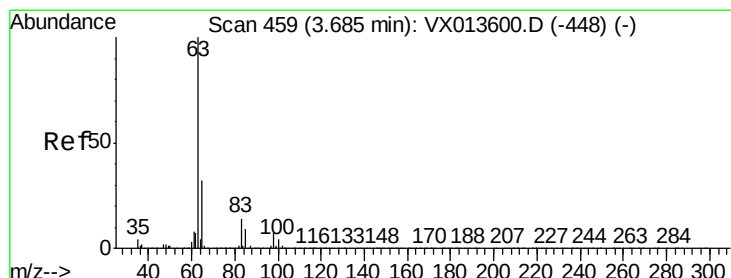
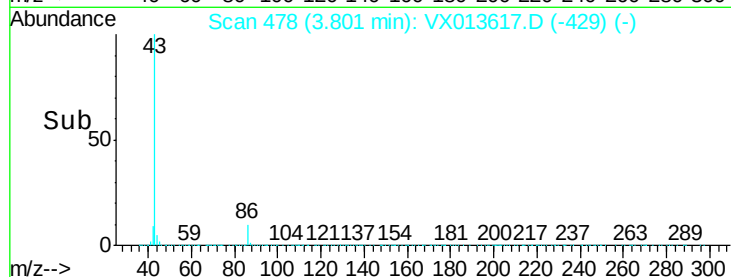
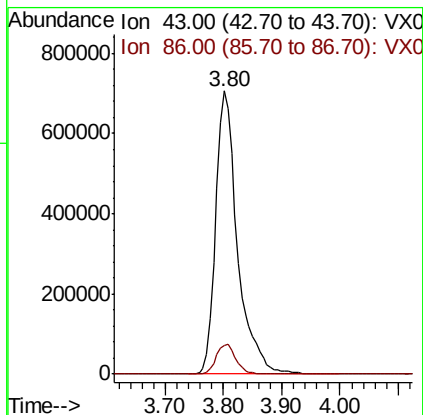
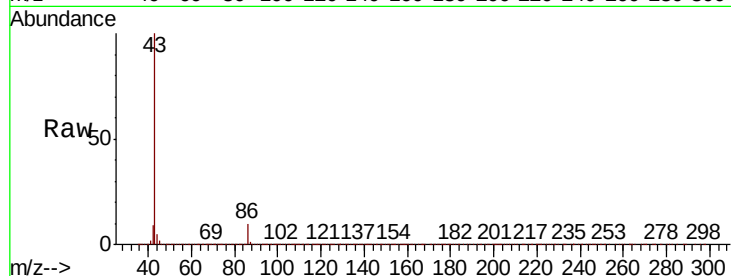
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1826373

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.340 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

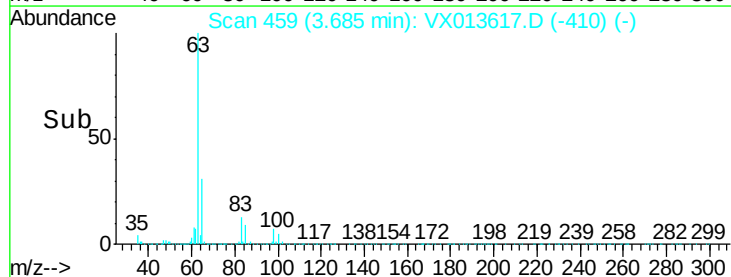
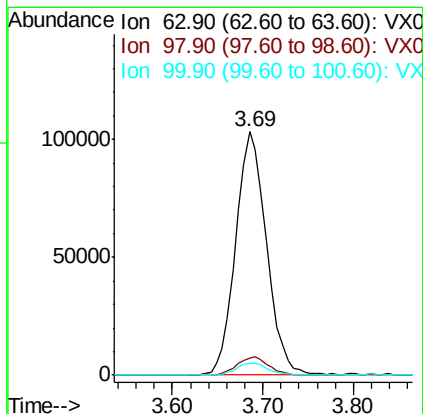
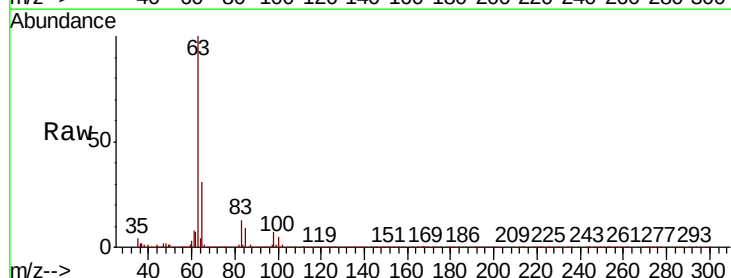
Tgt Ion: 63 Resp: 241905

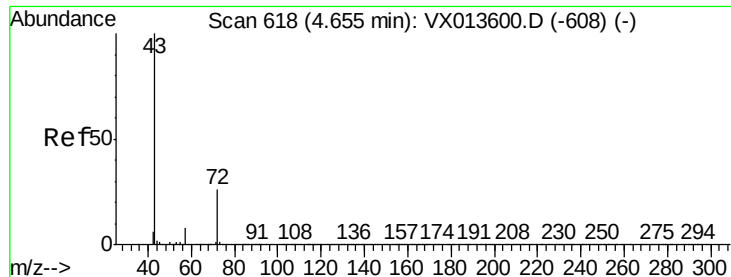
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 5.1 2.1 6.3





#25

2-Butanone

Concen: 94.895 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

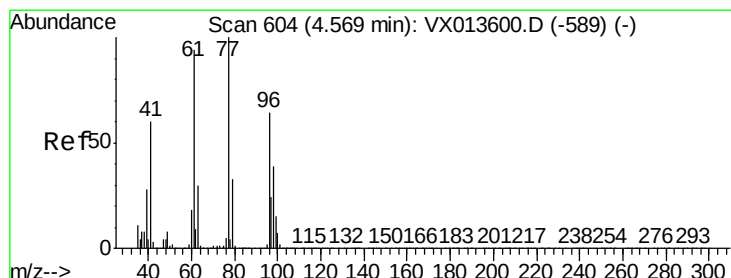
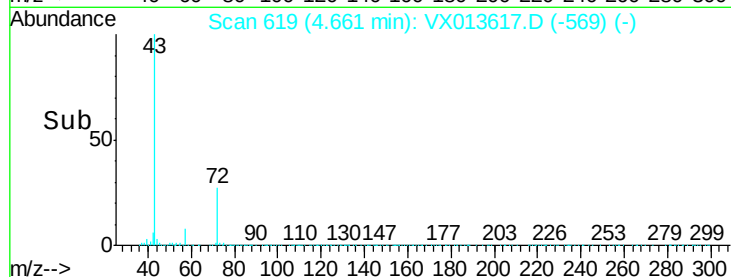
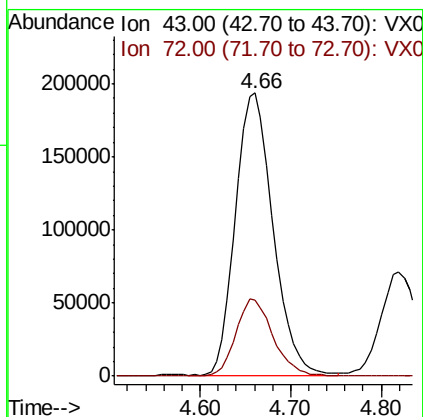
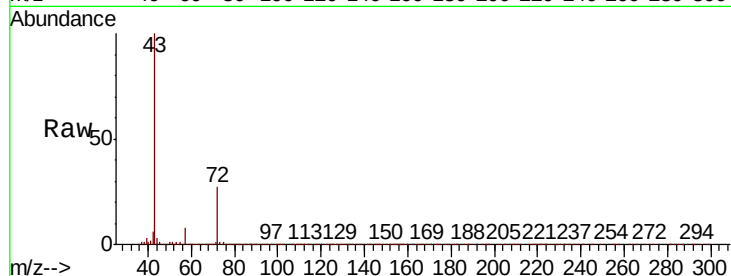
ClientSampleId :

Tot Ion: 43 Resp: 556101

Ion Ratio Lower Upper

43 100

72 26.6 20.6 31.0



#26

2,2-Dichloropropane

Concen: 16.583 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013617.D

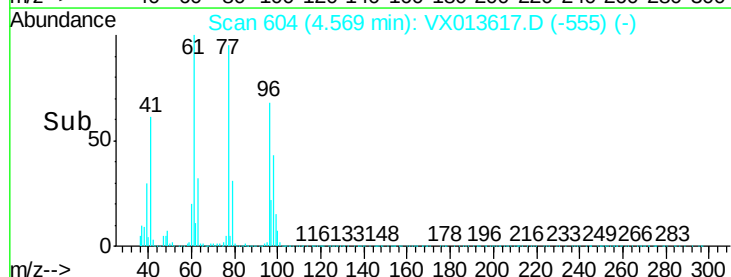
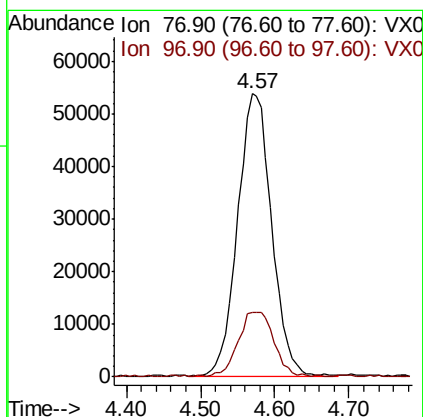
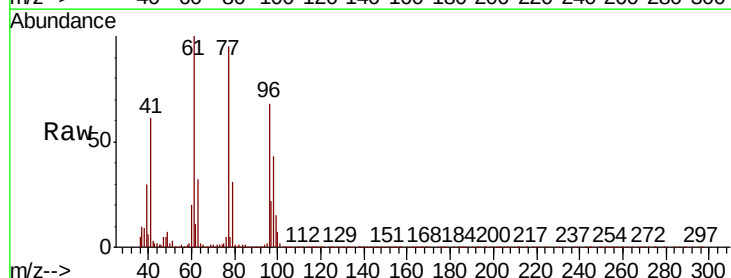
Acq: 26 Nov 2019 23:12

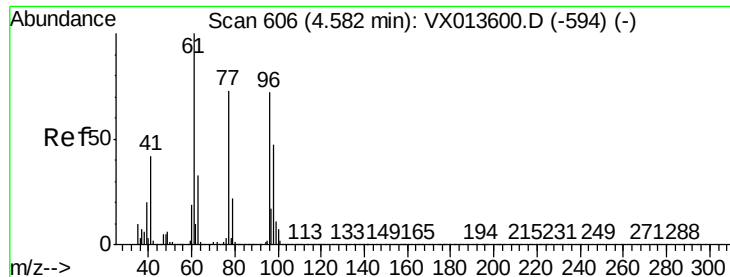
Tgt Ion: 77 Resp: 171611

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1



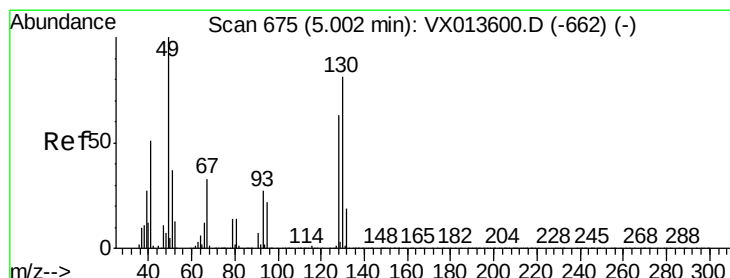
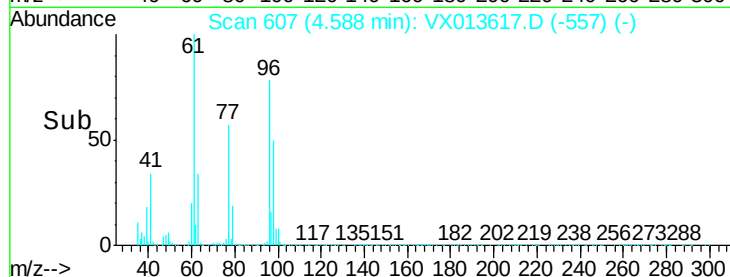
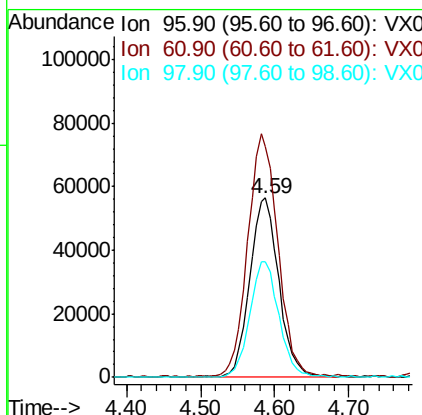
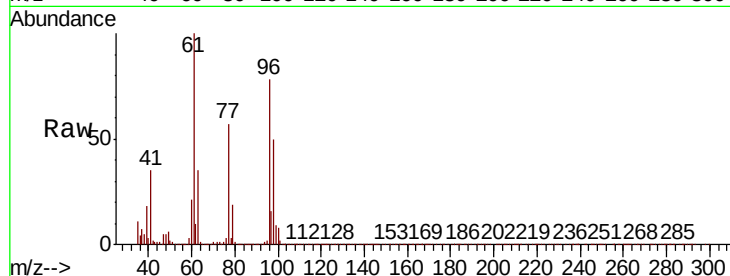


#27

cis-1,2-Dichloroethene
Concen: 18.861 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :

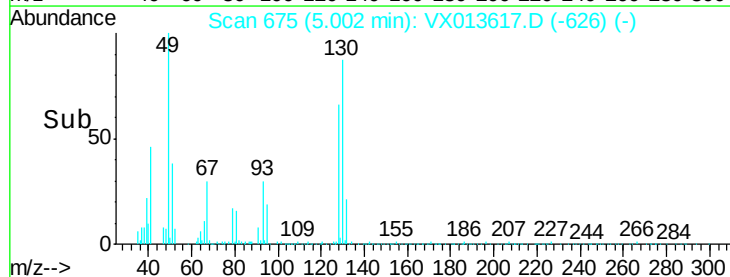
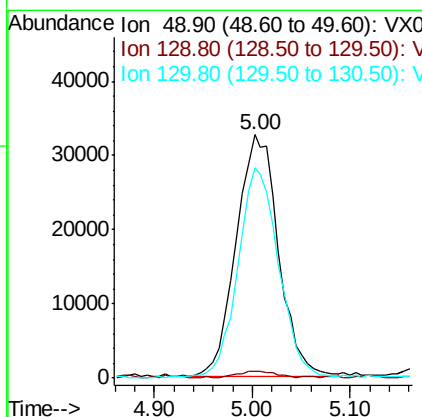
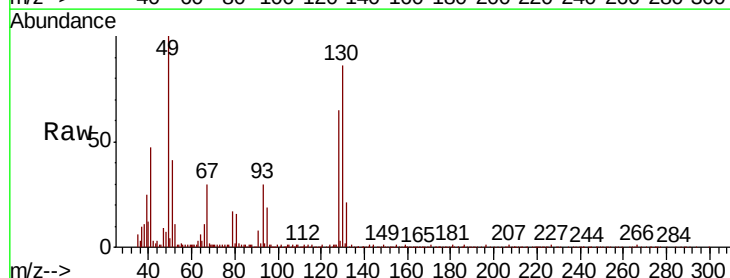
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	286.4
98	63.5	0.0	127.4

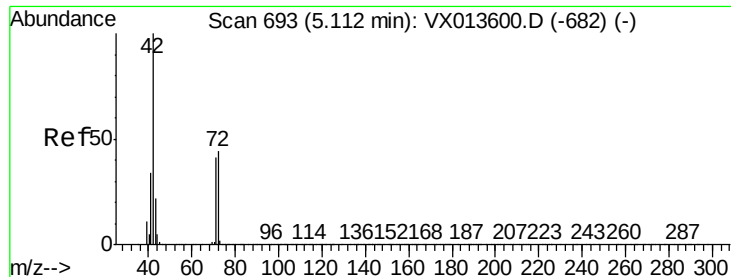


#28

Bromochloromethane
Concen: 19.628 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	83.4	65.4	98.0





#29

Tetrahydrofuran

Concen: 97.858 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

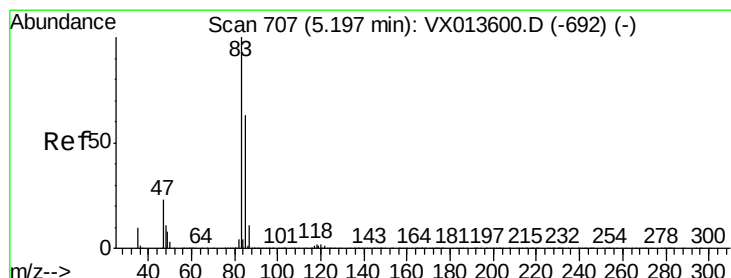
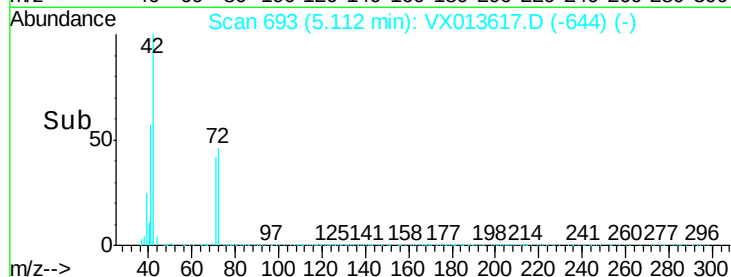
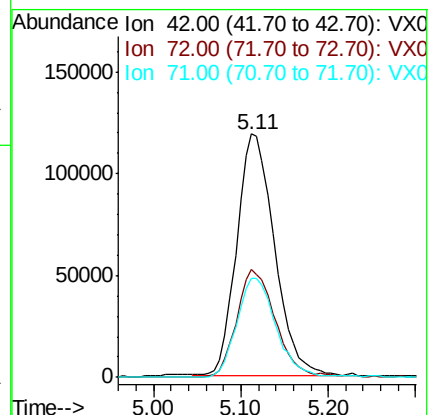
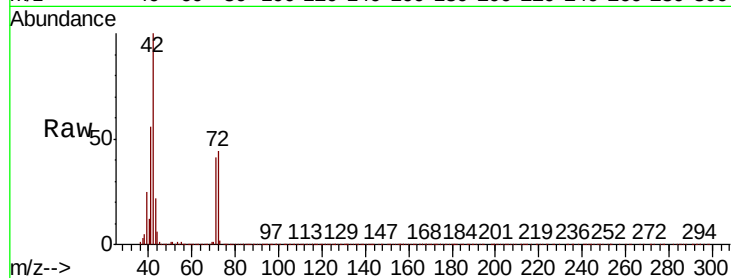
Tot Ion: 42 Resp: 353521

Ion Ratio Lower Upper

42 100

72 46.3 36.3 54.5

71 42.6 33.2 49.8



#30

Chloroform

Concen: 18.780 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013617.D

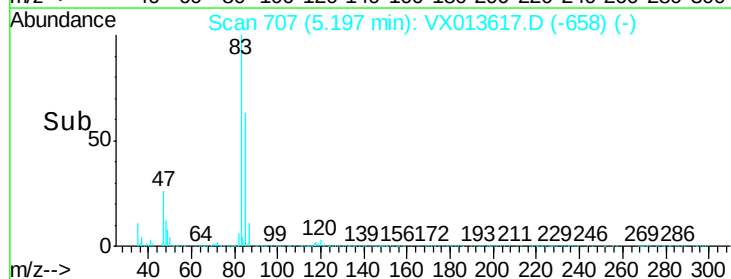
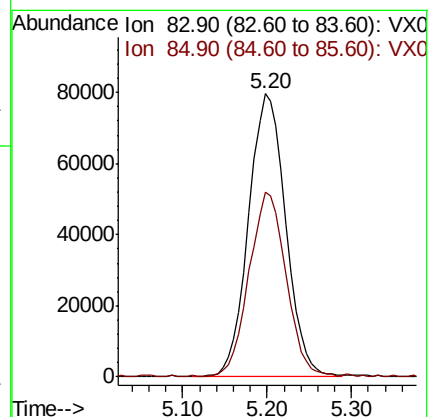
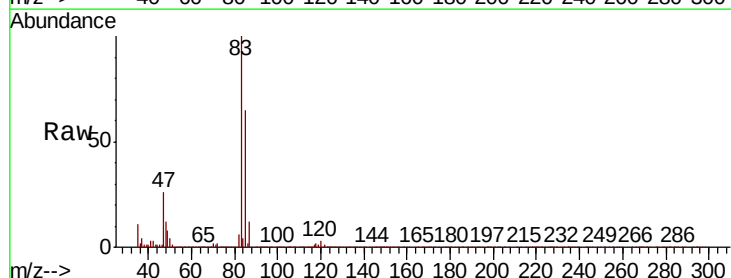
Acq: 26 Nov 2019 23:12

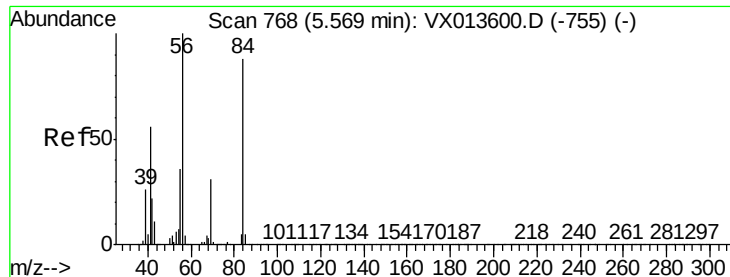
Tgt Ion: 83 Resp: 238233

Ion Ratio Lower Upper

83 100

85 64.9 50.2 75.4

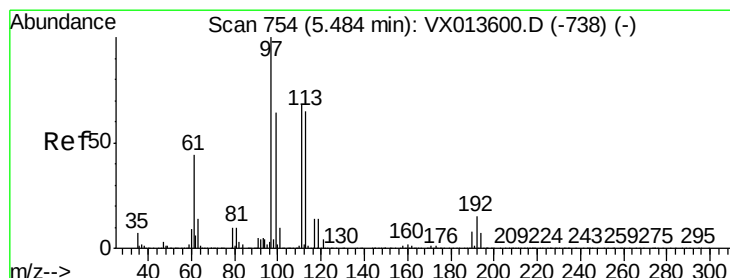
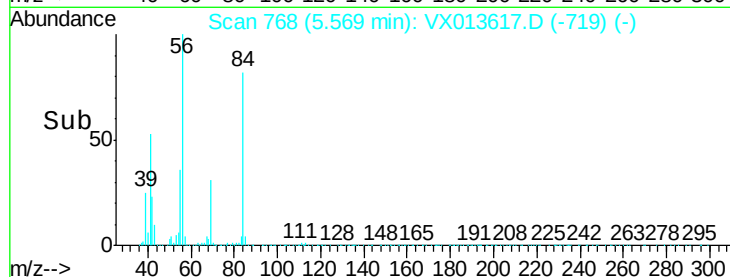
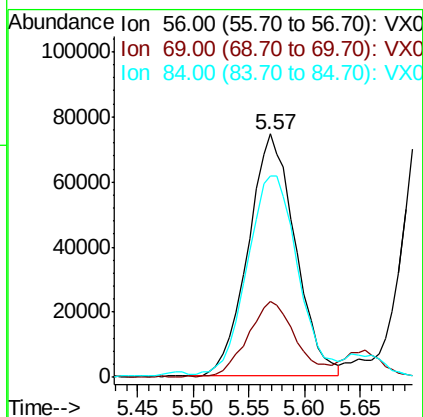
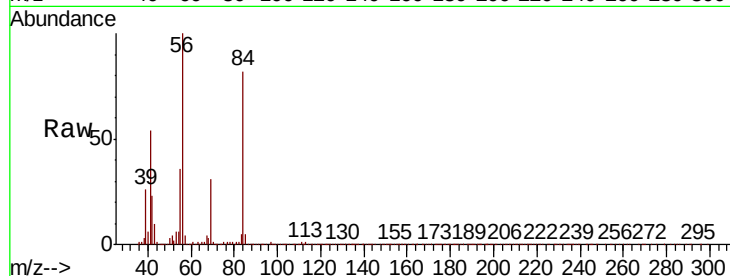




#31
Cyclohexane
Concen: 18.510 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

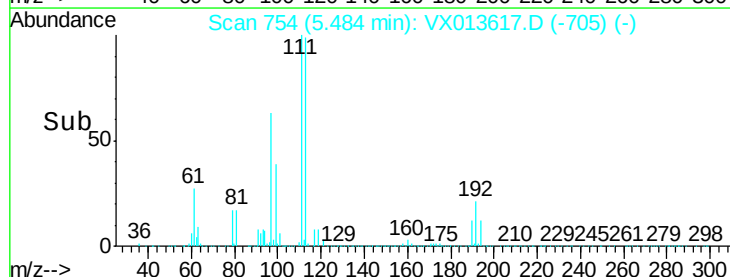
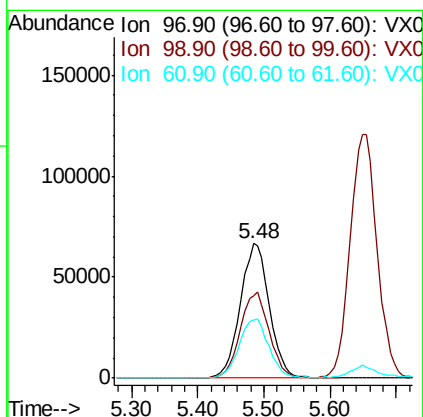
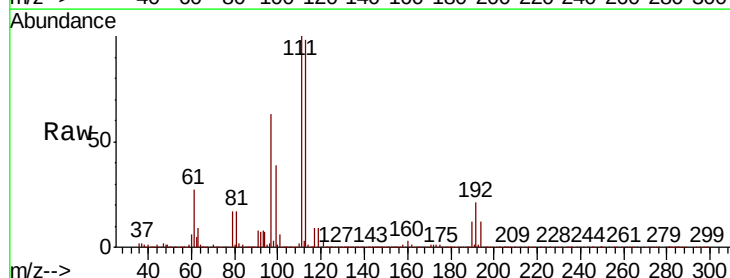
Instrument :
MSVOA_X
ClientSampleId :

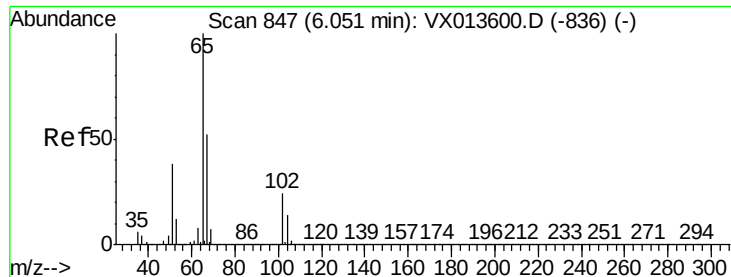
Tot Ion: 56 Resp: 218369
Ion Ratio Lower Upper
56 100
69 30.7 24.6 36.8
84 81.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.231 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 97 Resp: 203863
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 44.3 36.1 54.1

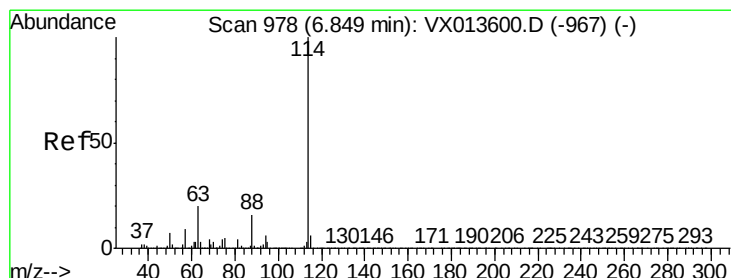
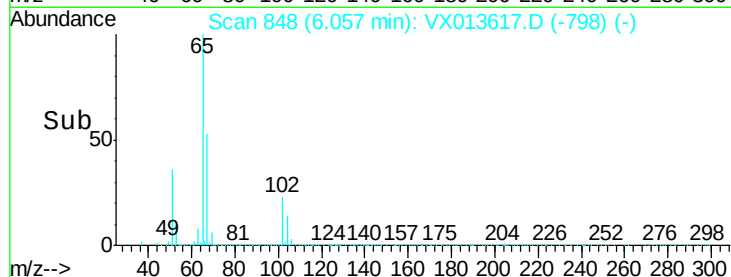
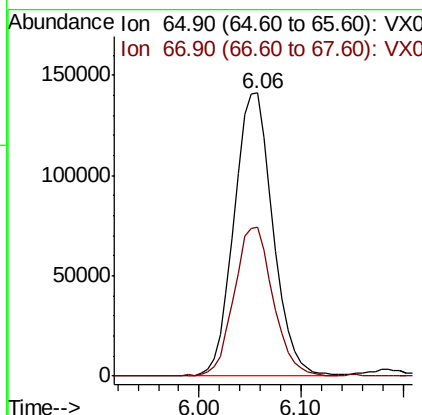
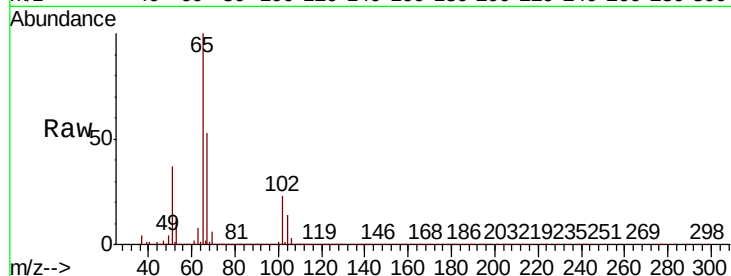




#33
 1,2-Dichloroethane-d4
 Concen: 46.627 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

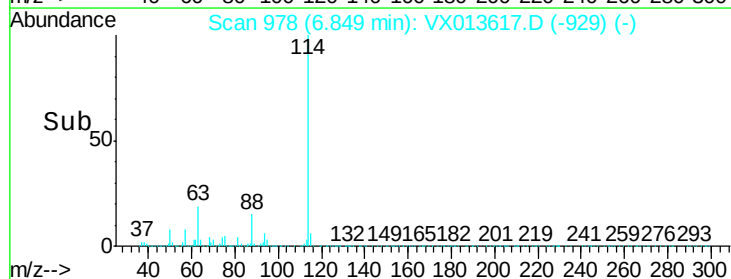
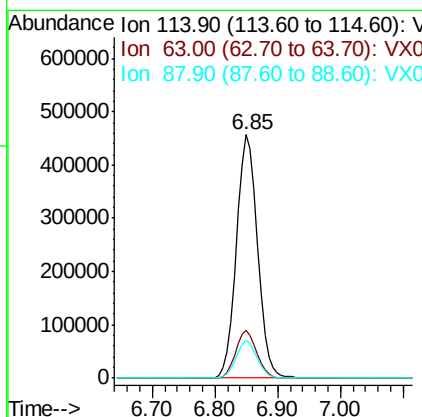
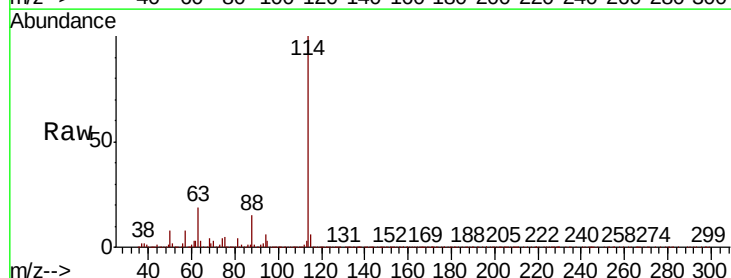
Instrument :
 MSVOA_X
 ClientSampleId :

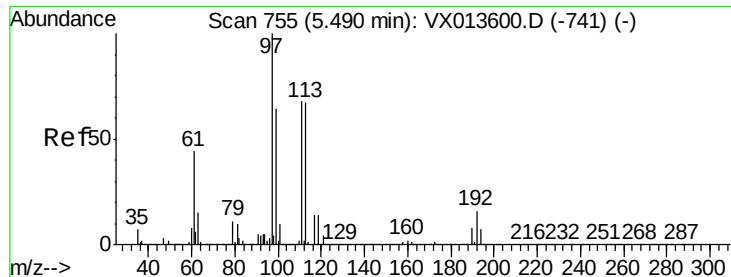
Tot Ion: 65 Resp: 372392
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion: 114 Resp: 1063843
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.6
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.738 ug/l

RT: 5.49 min Scan# 755

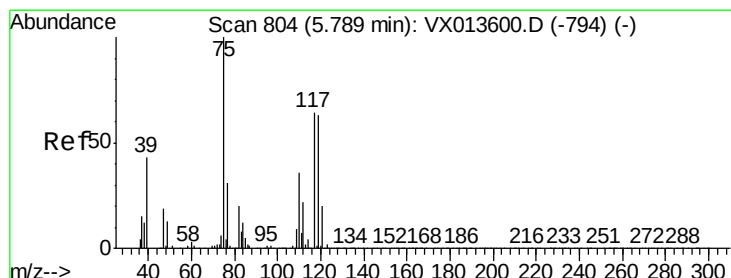
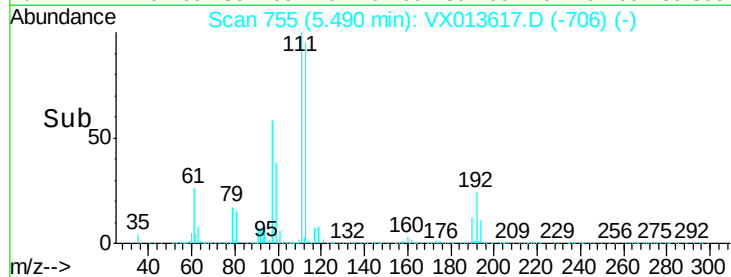
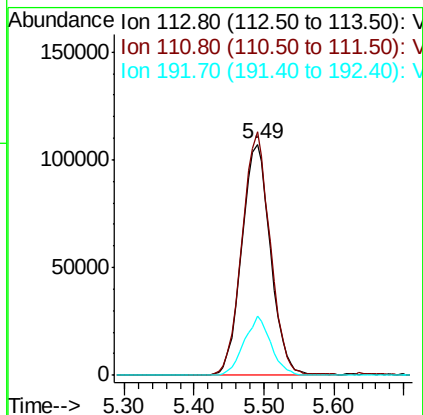
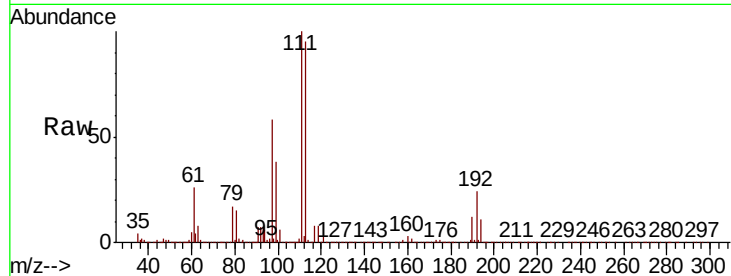
Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	307388
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.6	125.4
192	24.0	19.2	28.8



#36

1,1-Dichloropropene

Concen: 18.290 ug/l

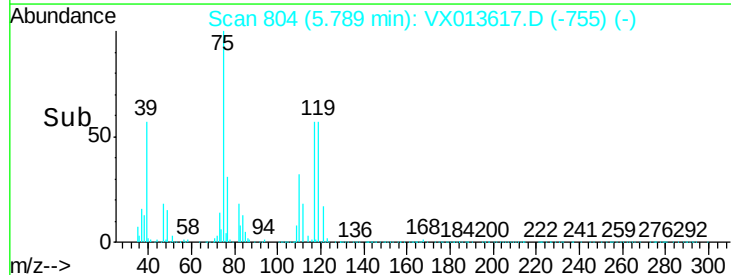
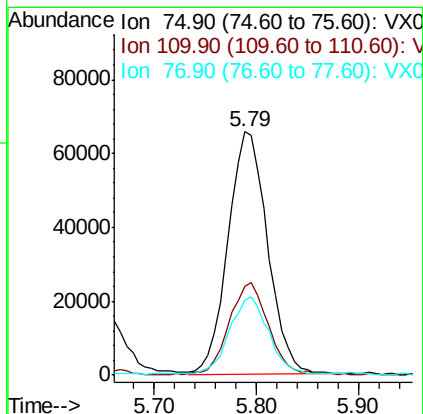
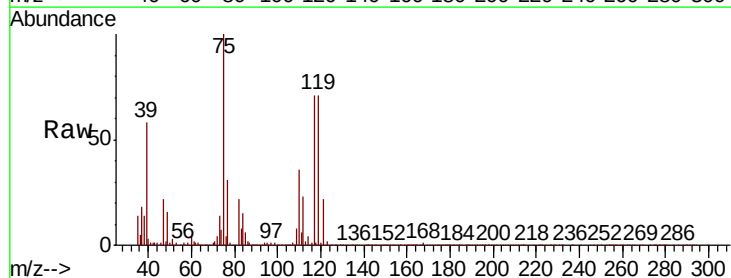
RT: 5.79 min Scan# 804

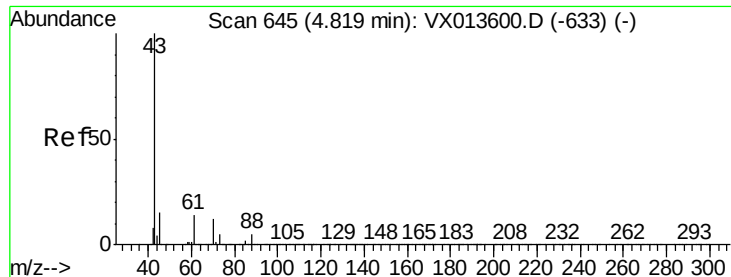
Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Tgt Ion:	75	Resp:	176624
Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.1	54.1
77	31.1	24.5	36.7

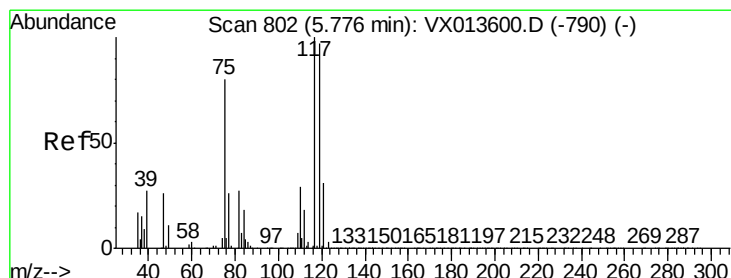
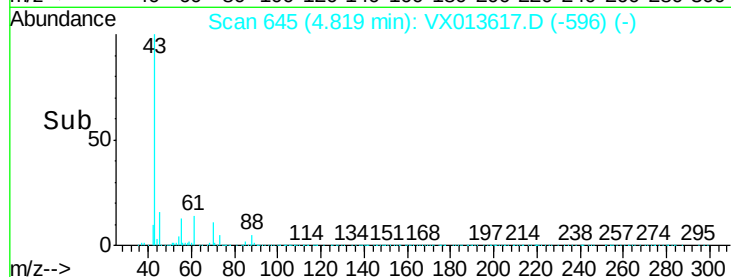
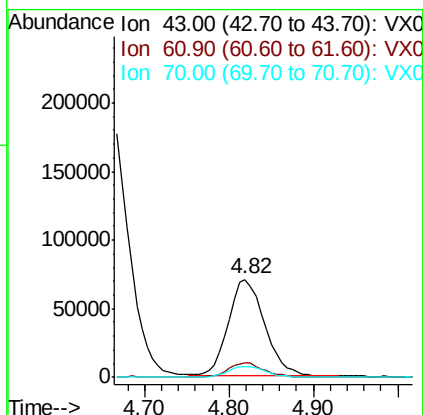
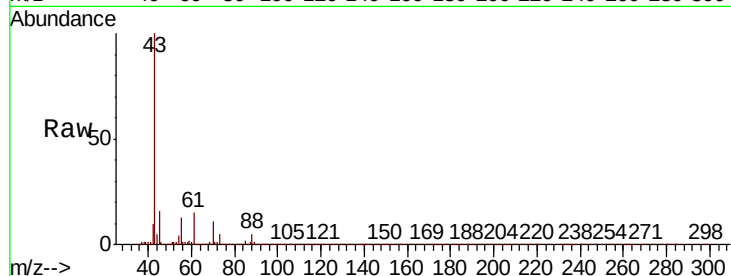




#37
Ethyl Acetate
Concen: 19.249 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

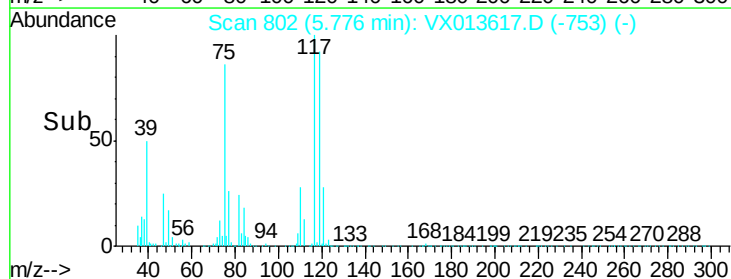
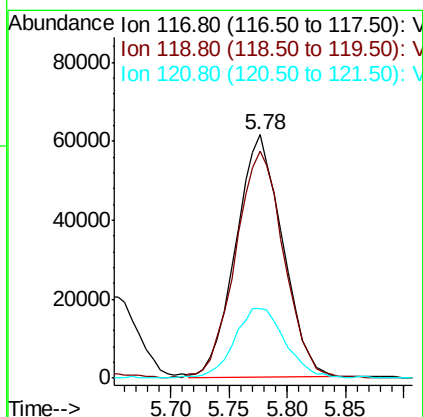
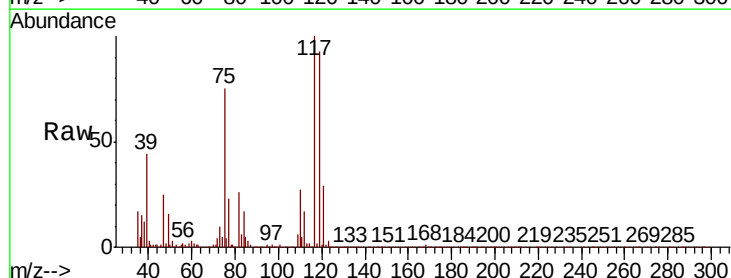
Instrument :
MSVOA_X
ClientSampled :

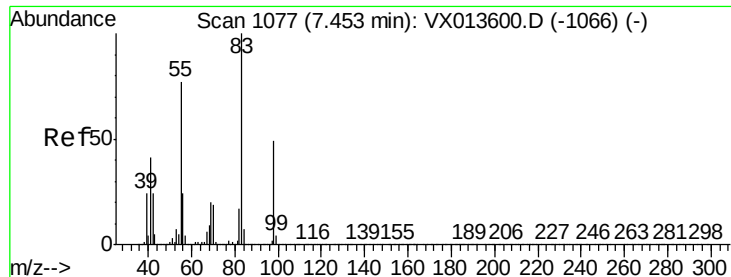
Tot Ion	43	Resp	208541
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.0	16.4
70	11.2	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.201 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	117	Resp	170976
Ion Ratio	Lower	Upper	
117	100		
119	92.8	77.5	116.3
121	28.3	25.0	37.6

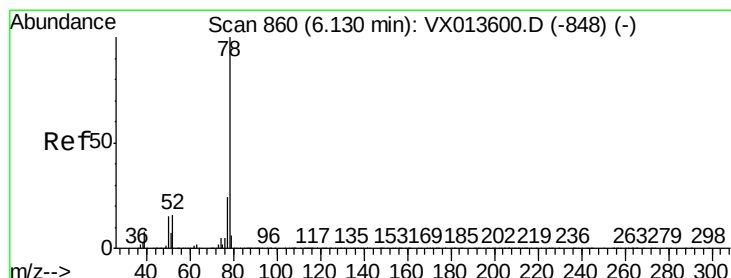
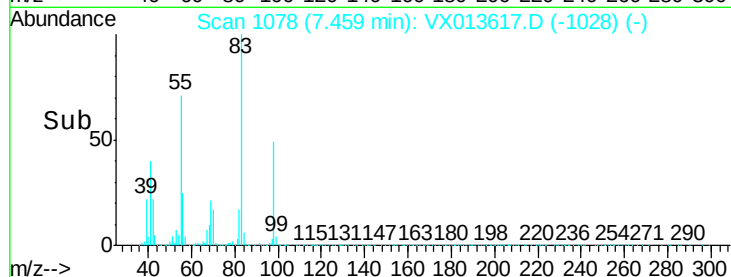
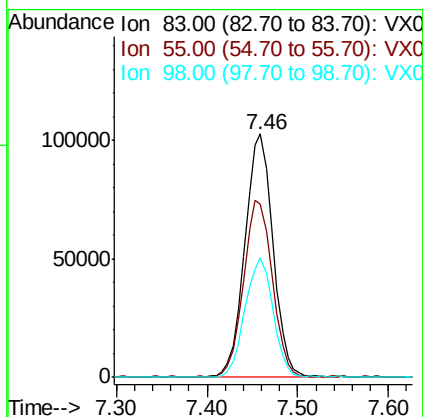
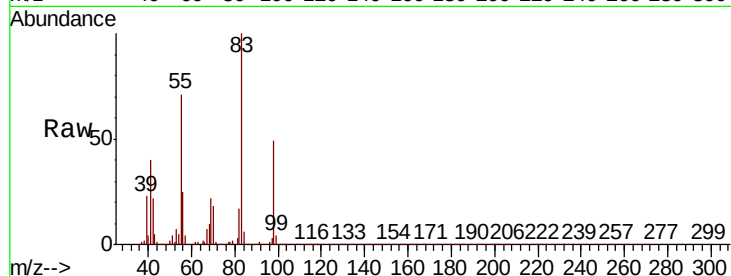




#39
Methylvlcyclohexane
Concen: 18.401 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

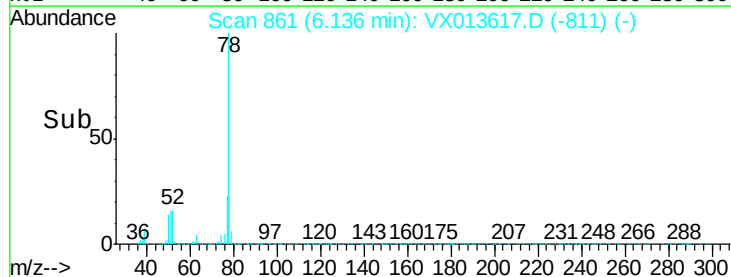
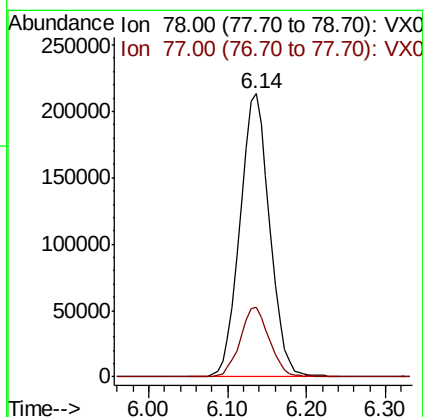
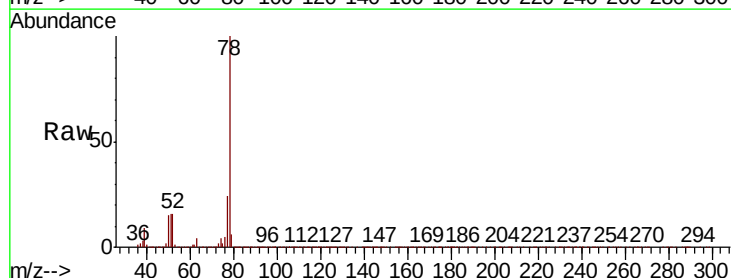
Instrument :
MSVOA_X
ClientSampleId :

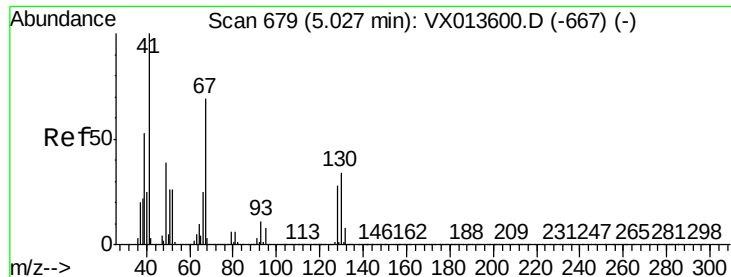
Tot Ion	83	Resp	219655
Ion Ratio	Lower	Upper	
83	100		
55	71.0	61.9	92.9
98	49.0	39.4	59.0



#40
Benzene
Concen: 18.949 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	78	Resp	557342
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.0	28.4





#41

Methacrylonitrile

Concen: 19.373 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 115104

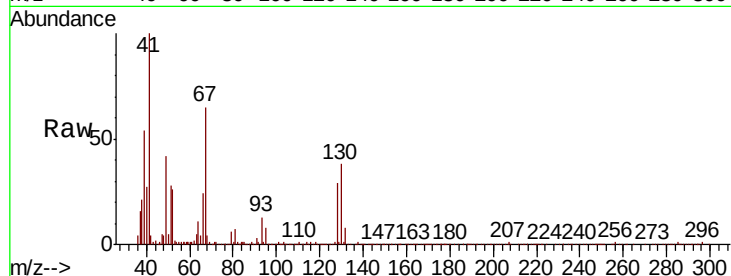
Ion Ratio Lower Upper

41 100

39 54.7 42.9 64.3

67 73.2 57.4 86.0

52 30.4 22.4 33.6

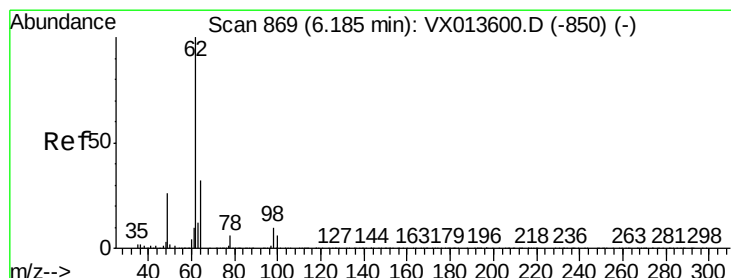
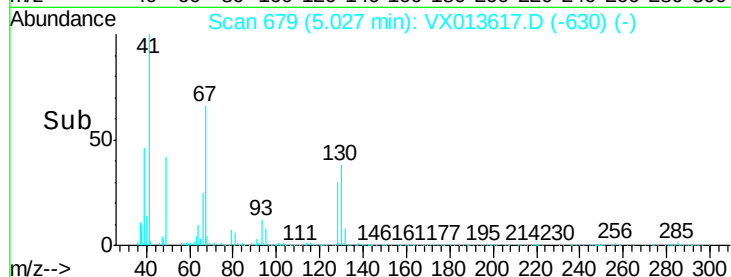
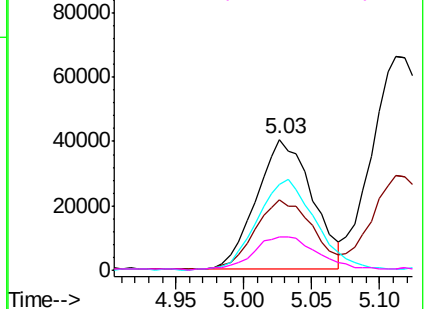


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.424 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013617.D

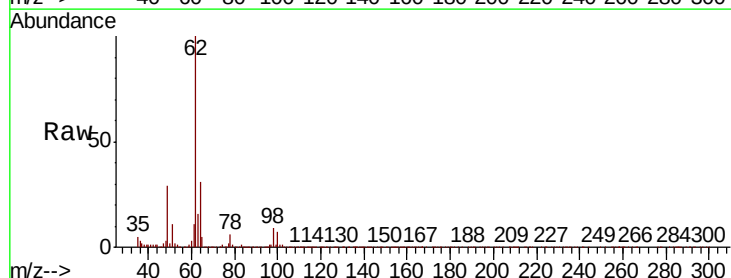
Acq: 26 Nov 2019 23:12

Tgt Ion: 62 Resp: 194841

Ion Ratio Lower Upper

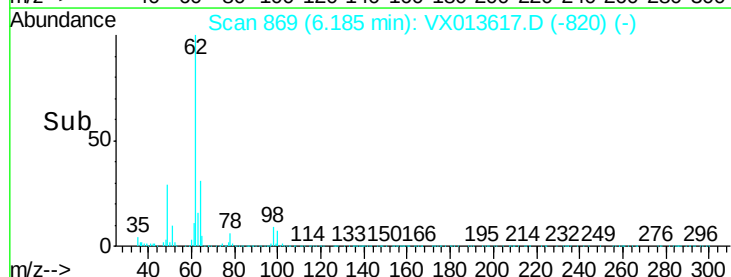
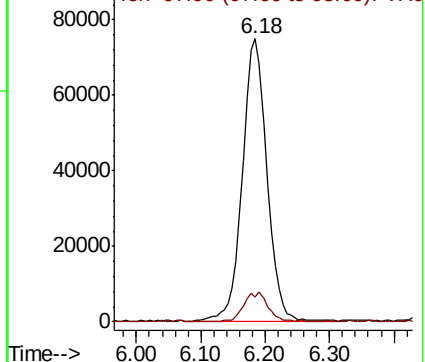
62 100

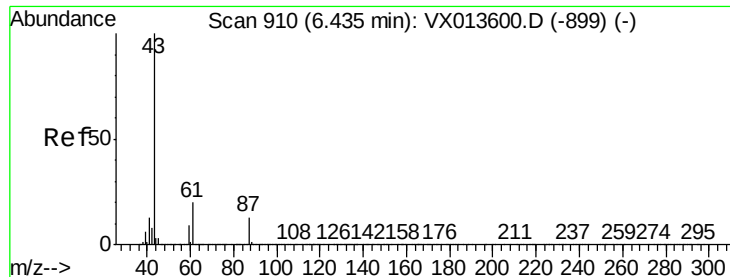
98 10.9 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.122 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

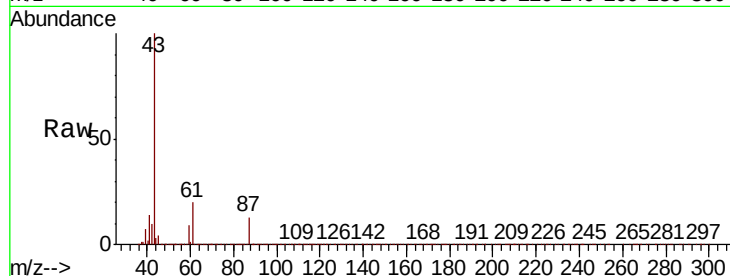
Tot Ion: 43 Resp: 341060

Ion Ratio Lower Upper

43 100

61 20.5 16.3 24.5

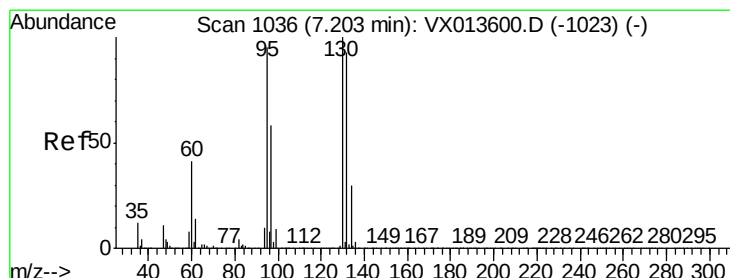
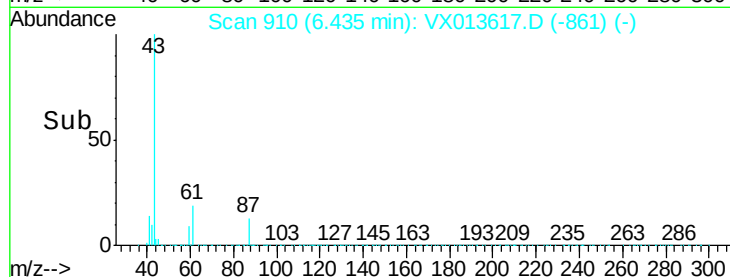
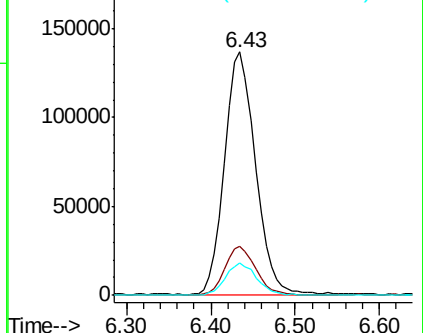
87 13.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.719 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013617.D

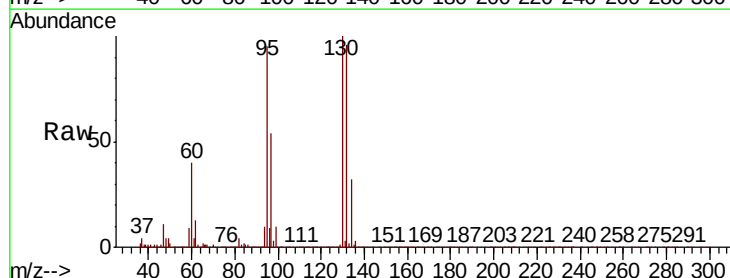
Acq: 26 Nov 2019 23:12

Tgt Ion:130 Resp: 151103

Ion Ratio Lower Upper

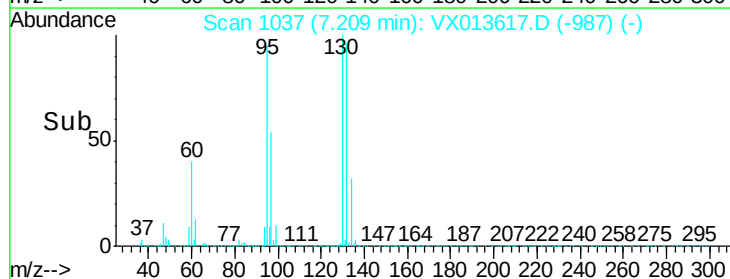
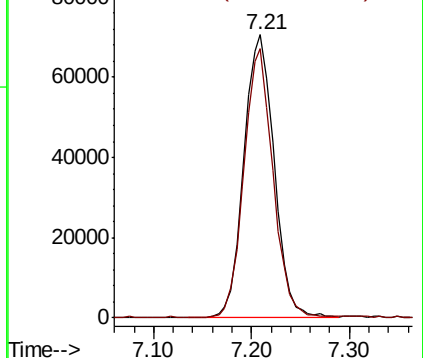
130 100

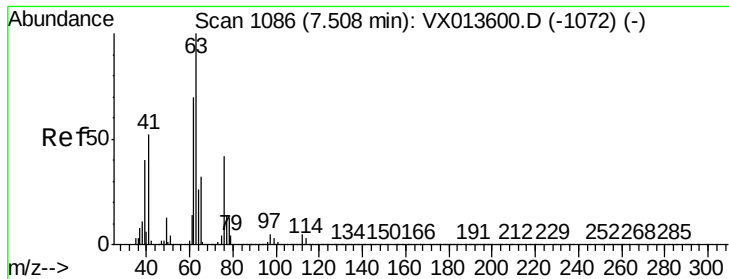
95 95.3 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

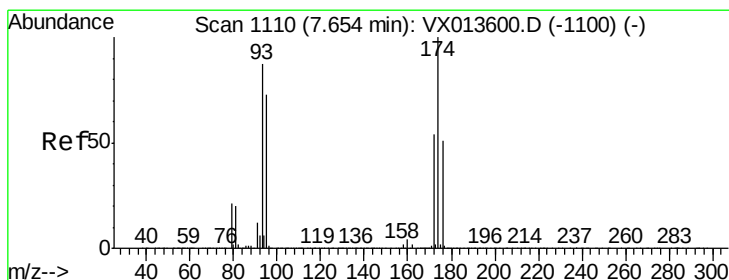
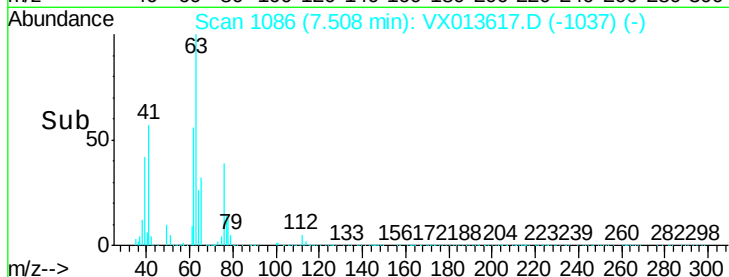
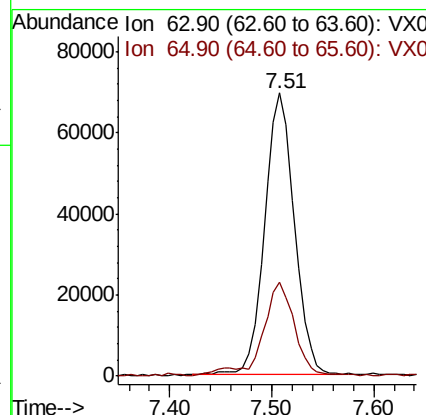
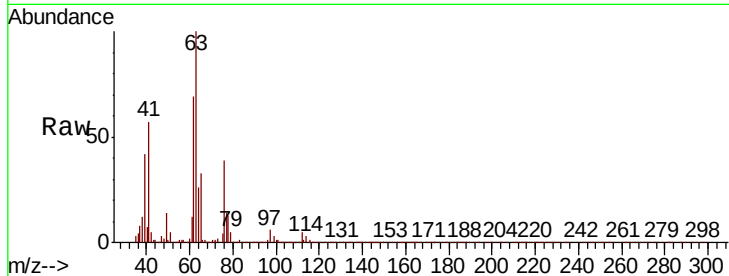




#45
 1,2-Dichloropropane
 Concen: 19.137 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

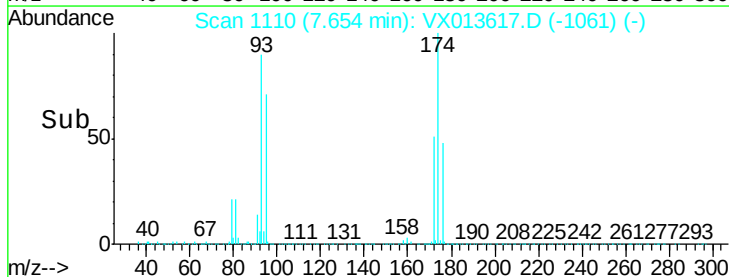
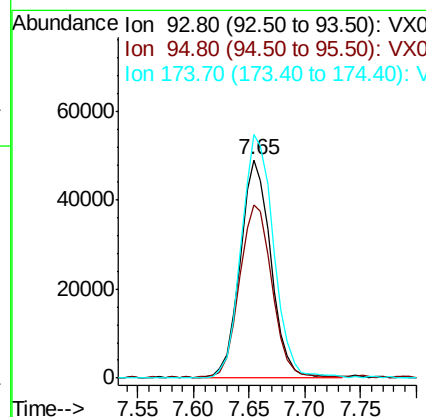
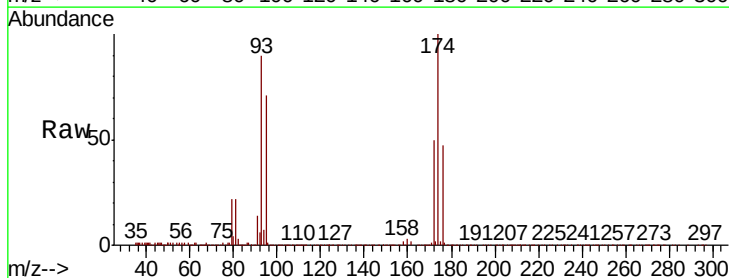
Instrument :
 MSVOA_X
 ClientSampleId :

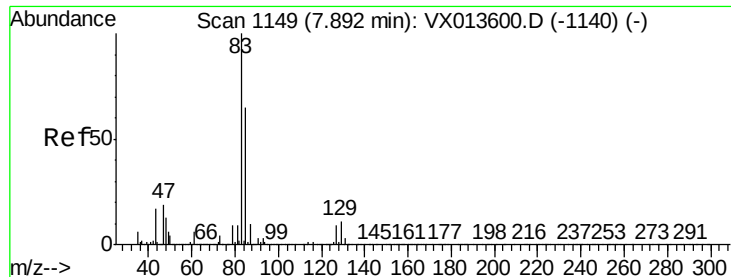
Tot Ion: 63 Resp: 140827
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.5 38.3



#46
 Dibromomethane
 Concen: 18.730 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion: 93 Resp: 93610
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.2
 174 118.5 93.4 140.0

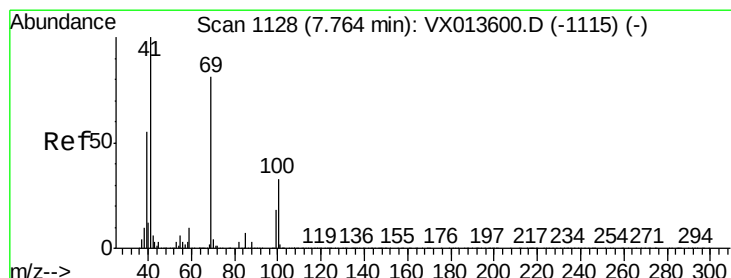
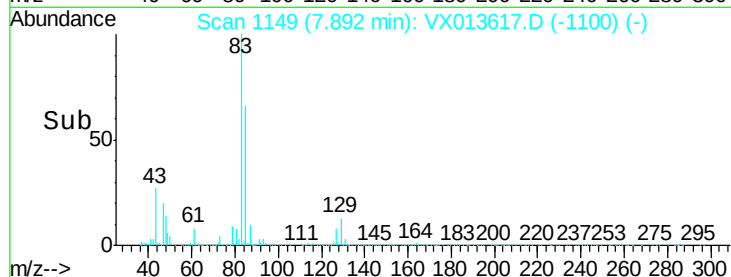
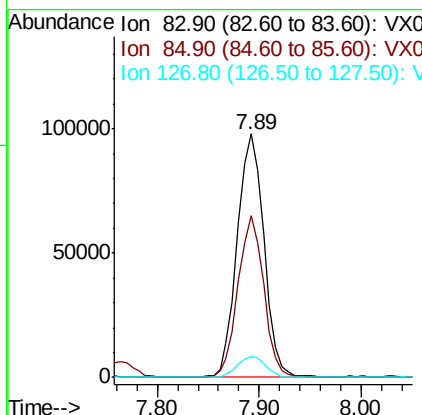
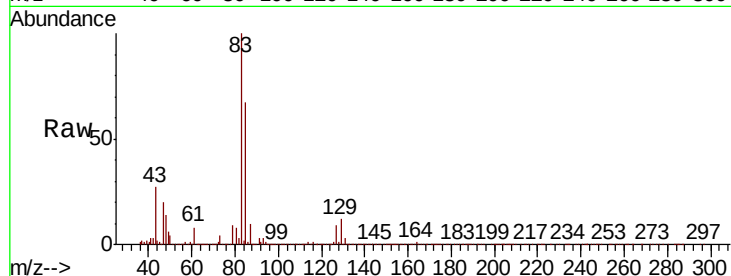




#47
Bromodichloromethane
Concen: 18.712 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

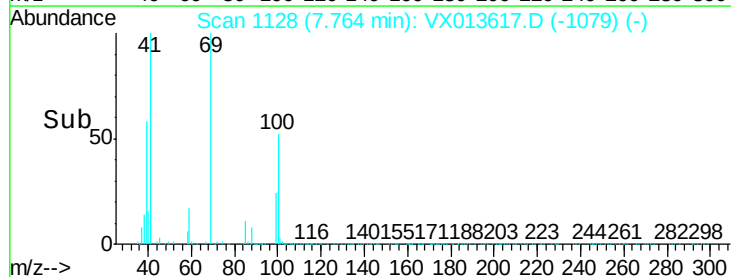
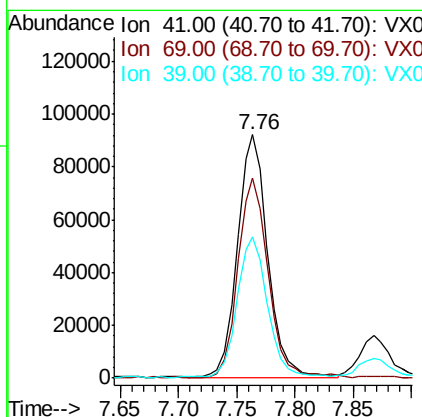
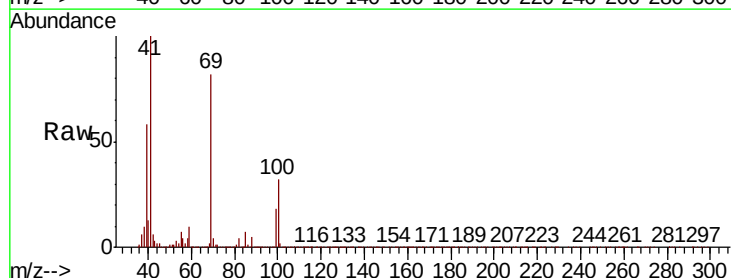
Instrument :
MSVOA_X
ClientSampled :

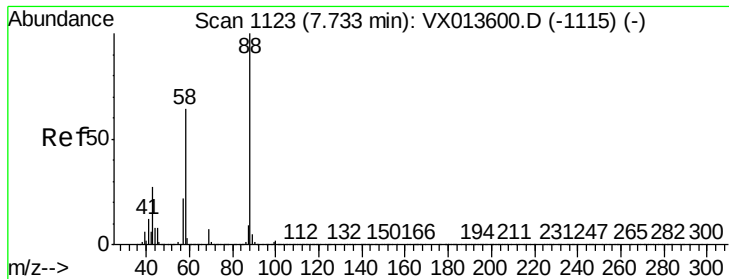
Tot Ion: 83 Resp: 176803
Ion Ratio Lower Upper
83 100
85 66.5 52.1 78.1
127 8.5 7.0 10.4



#48
Methyl methacrylate
Concen: 19.146 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 41 Resp: 165922
Ion Ratio Lower Upper
41 100
69 82.0 64.7 97.1
39 58.3 43.8 65.6





#49

1,4-Dioxane

Concen: 386.968 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

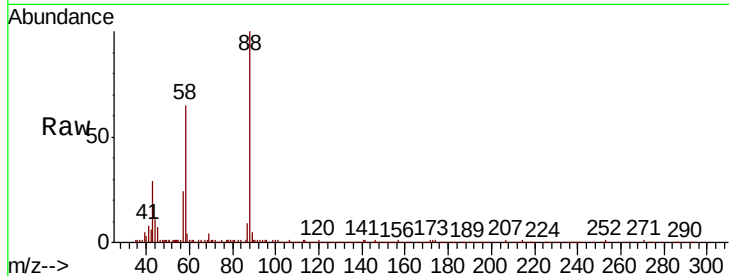
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 75063

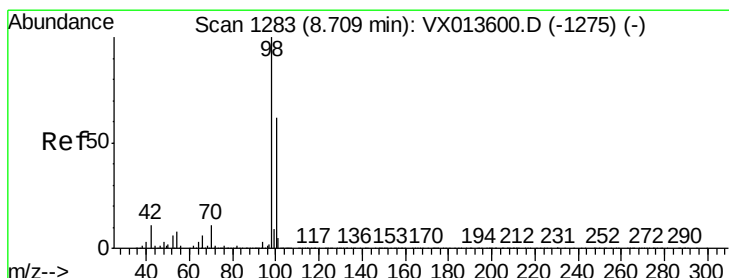
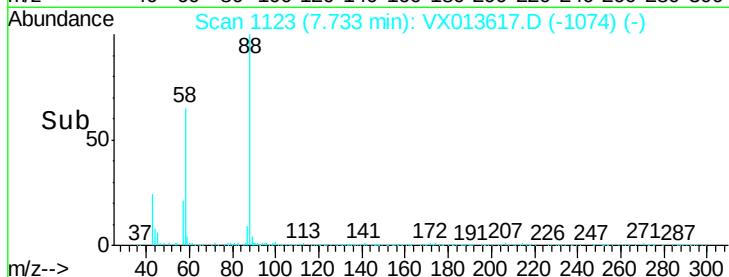
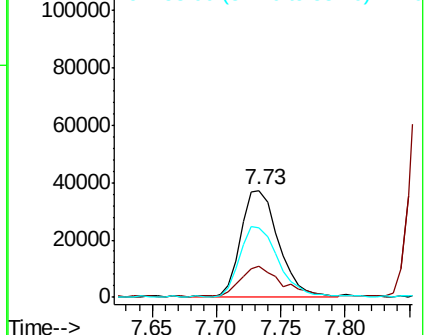
Ion	Ratio	Lower	Upper
88	100		
43	30.4	25.8	38.6
58	67.7	54.6	82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.343 ug/l

RT: 8.71 min Scan# 1283

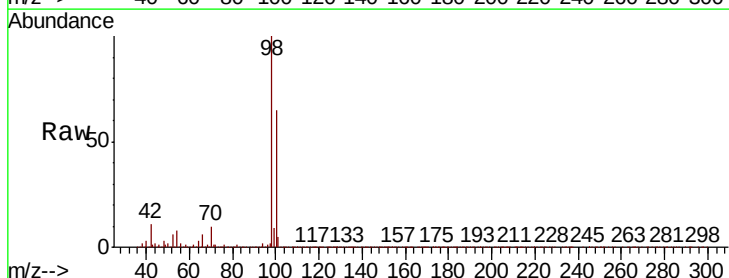
Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

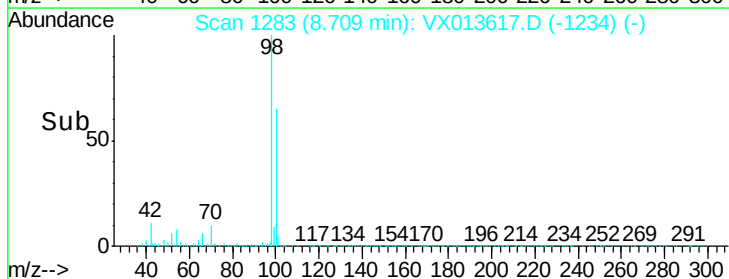
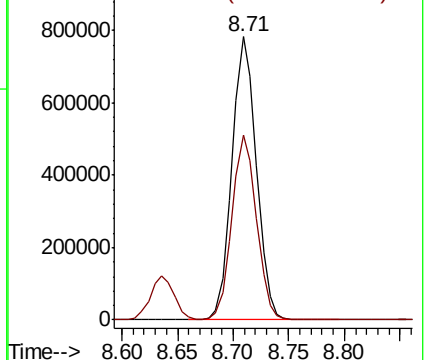
Tgt Ion: 98 Resp: 1187501

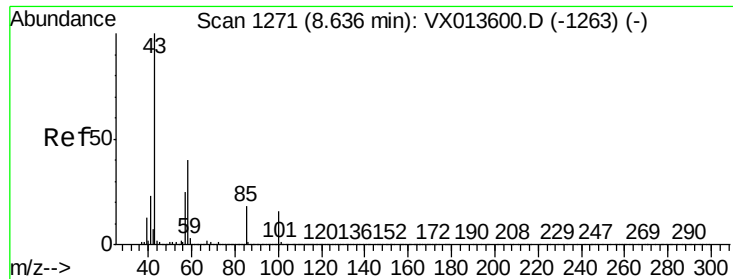
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 96.975 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

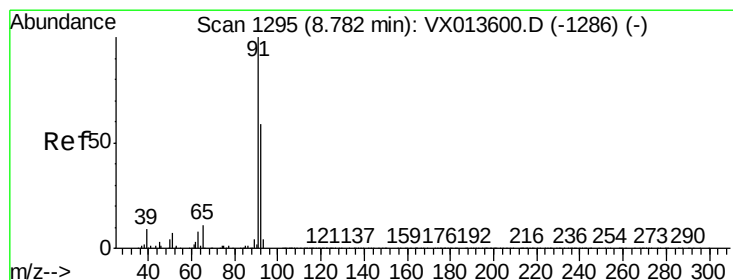
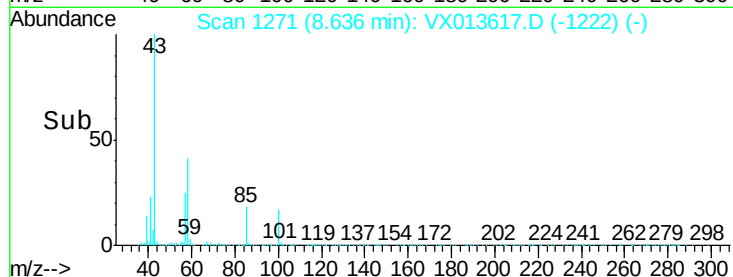
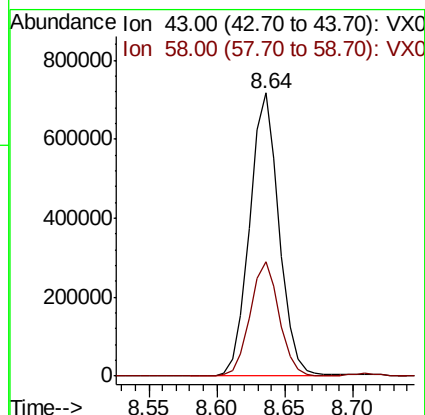
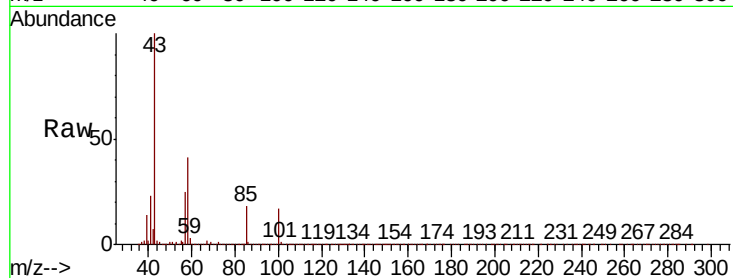
ClientSampleId :

Tot Ion: 43 Resp: 1087967

Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1



#52

Toluene

Concen: 19.060 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013617.D

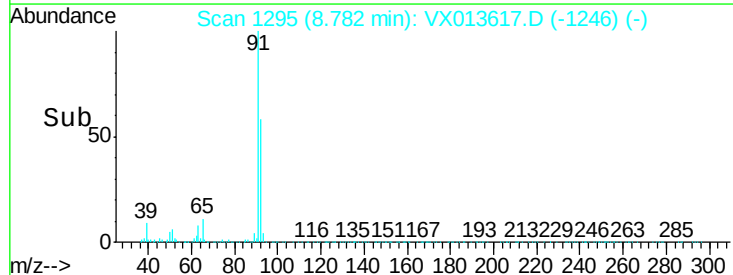
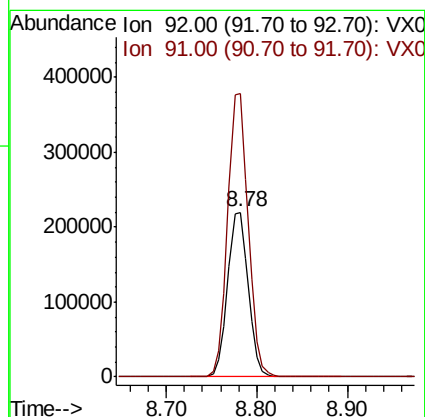
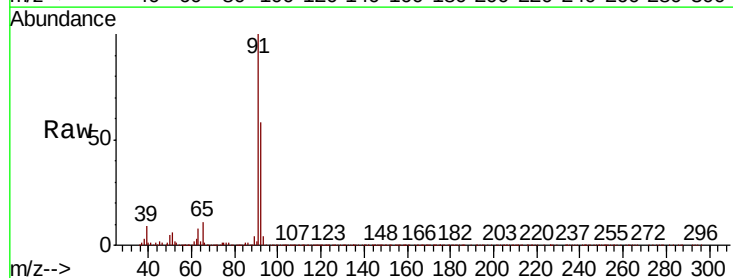
Acq: 26 Nov 2019 23:12

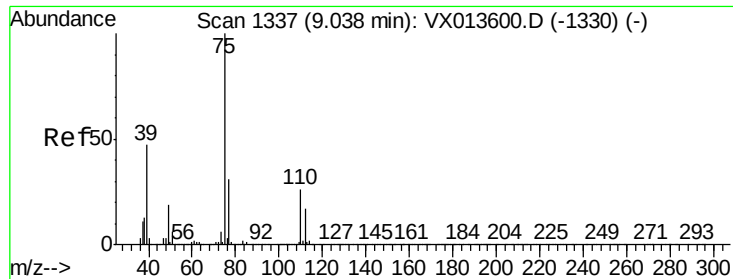
Tgt Ion: 92 Resp: 348256

Ion Ratio Lower Upper

92 100

91 171.4 136.2 204.2

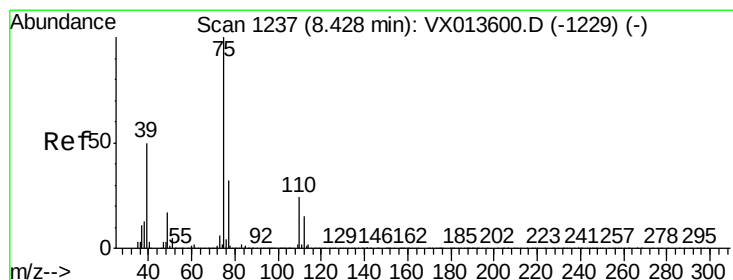
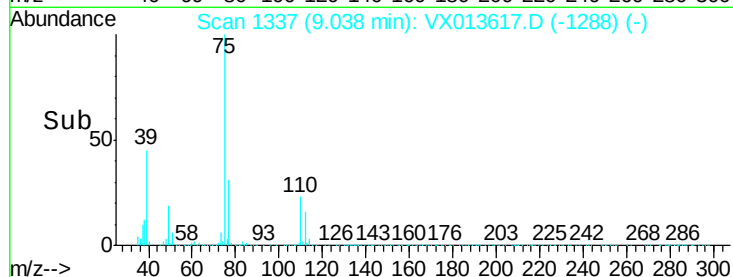
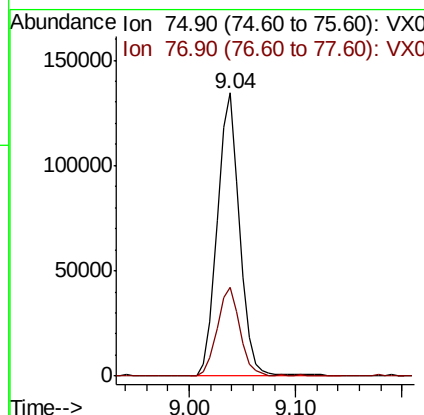
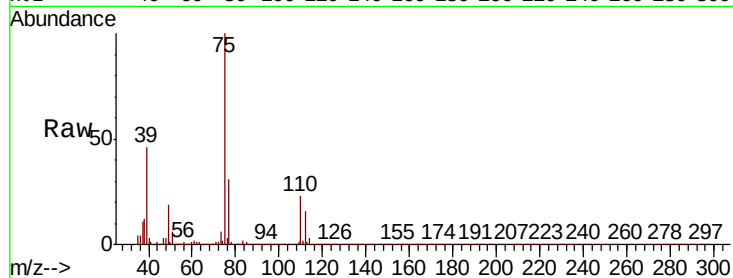




#53
t-1,3-Dichloropropene
Concen: 18.017 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

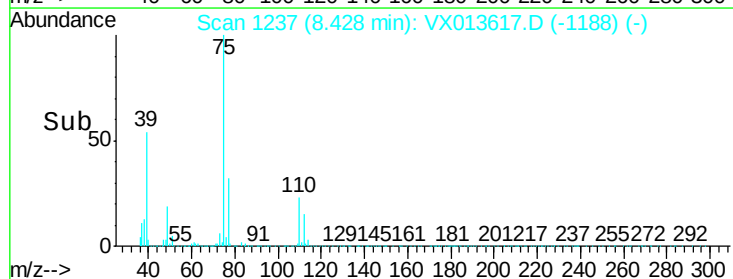
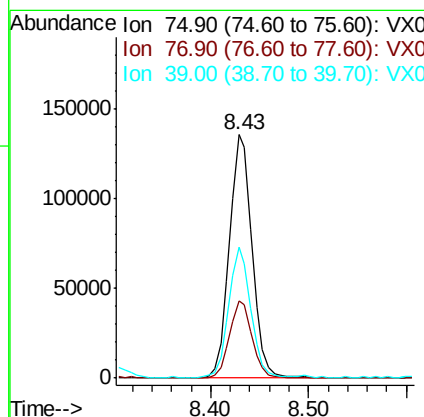
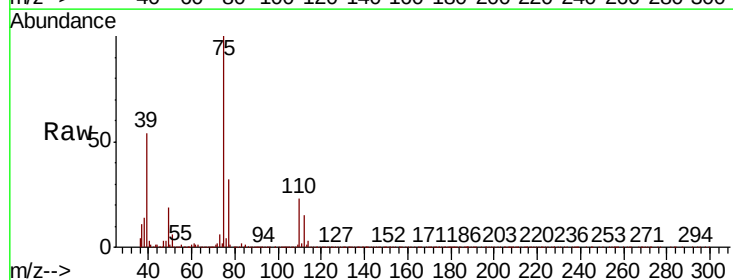
Instrument :
MSVOA_X
ClientSampled :

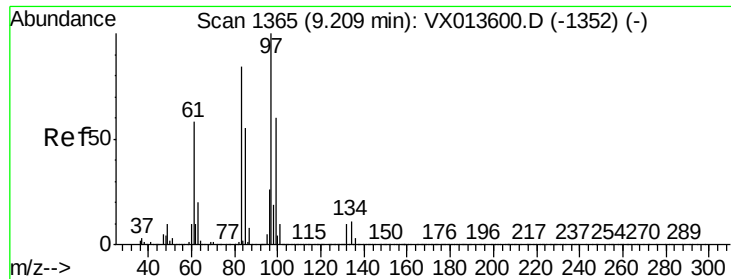
Tot Ion: 75 Resp: 193765
Ion Ratio Lower Upper
75 100
77 31.2 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 18.536 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 75 Resp: 217796
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
39 53.6 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.006 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 139949

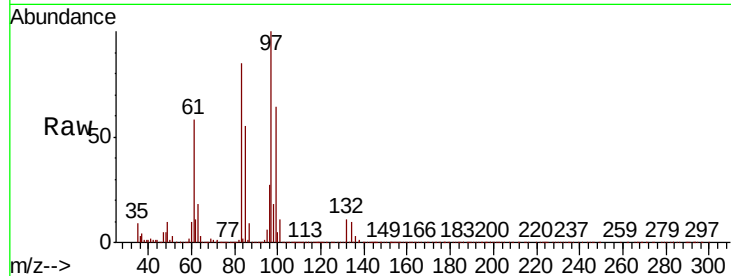
Ion Ratio Lower Upper

97 100

83 84.4 67.3 100.9

85 54.5 43.6 65.4

99 63.8 48.2 72.4

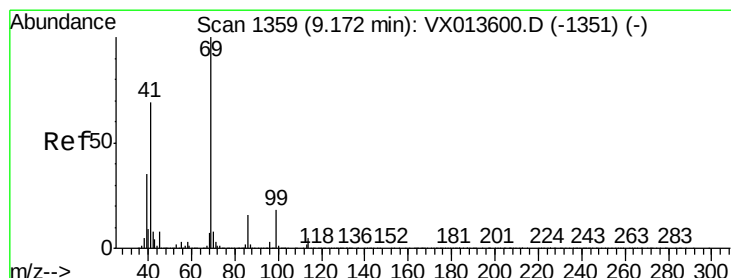
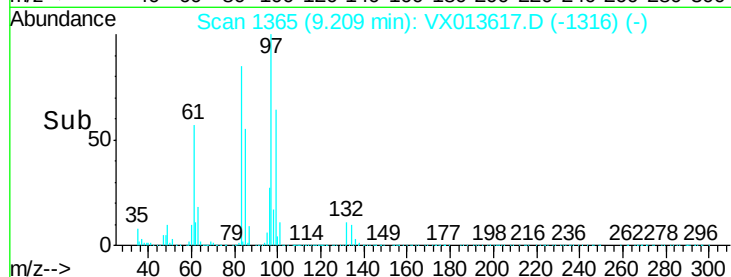
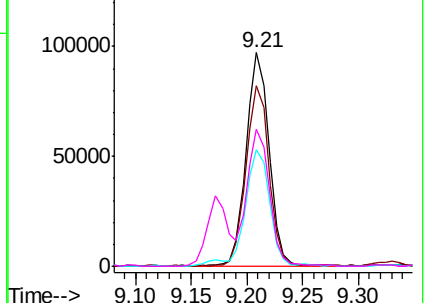


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.072 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

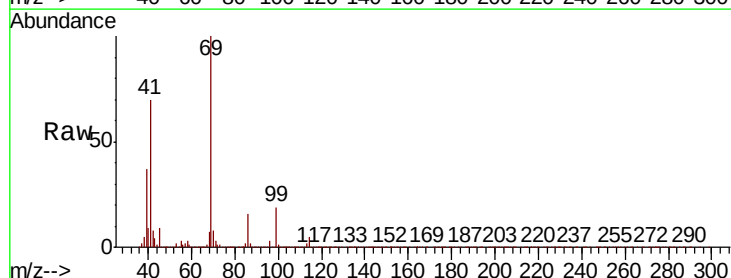
Tgt Ion: 69 Resp: 225773

Ion Ratio Lower Upper

69 100

41 66.4 55.0 82.4

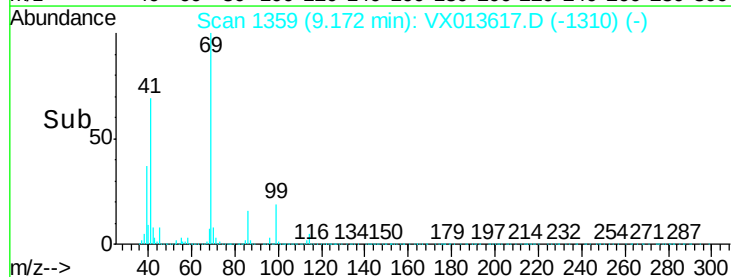
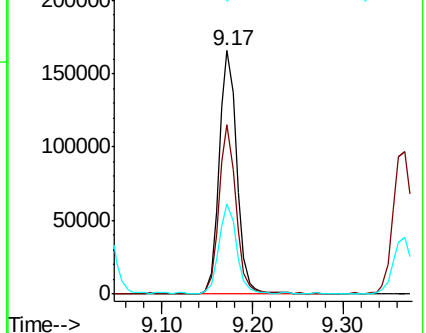
39 36.0 28.7 43.1

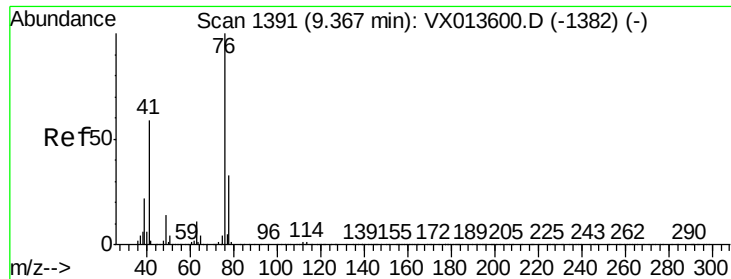


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

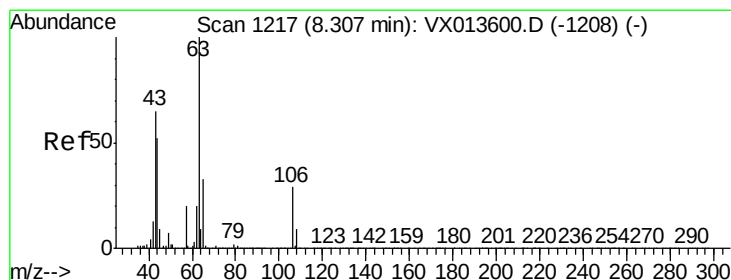
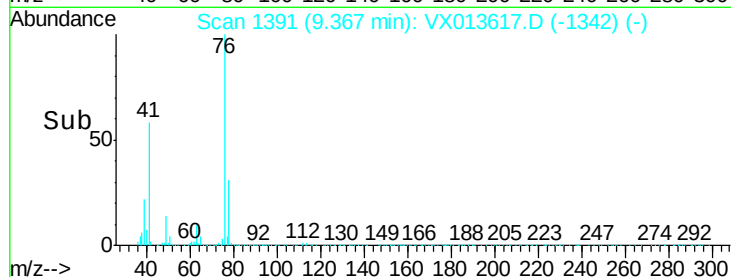
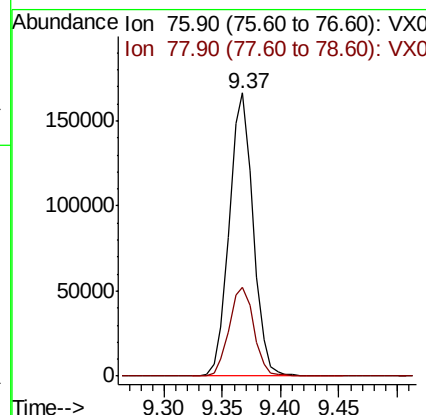
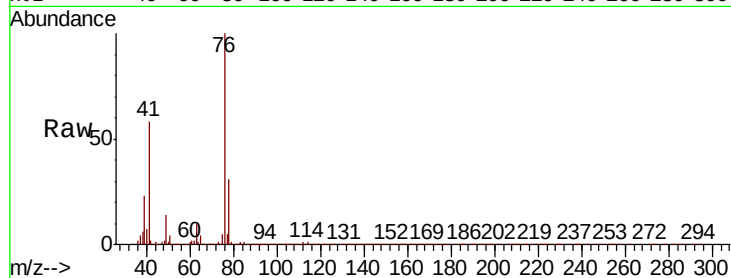




#57
 1,3-Dichloropropane
 Concen: 18.567 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

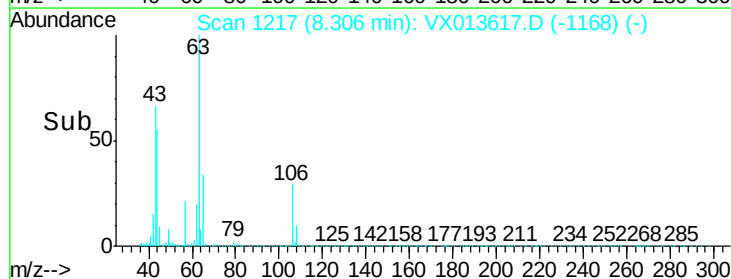
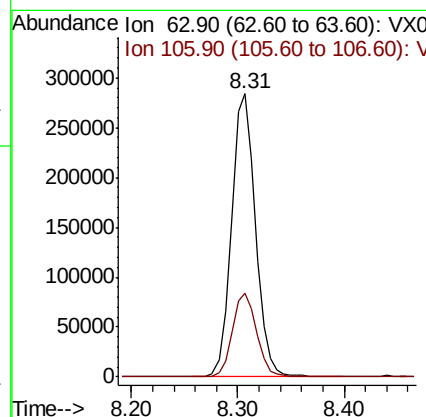
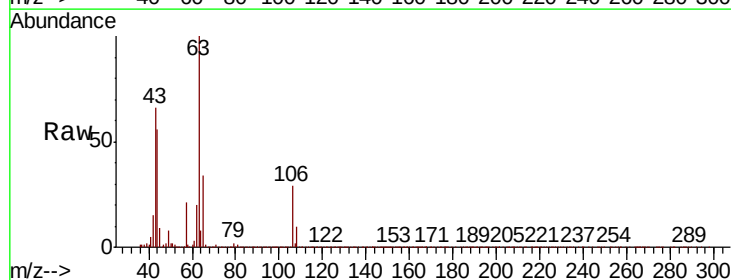
Instrument :
 MSVOA_X
 ClientSampleId :

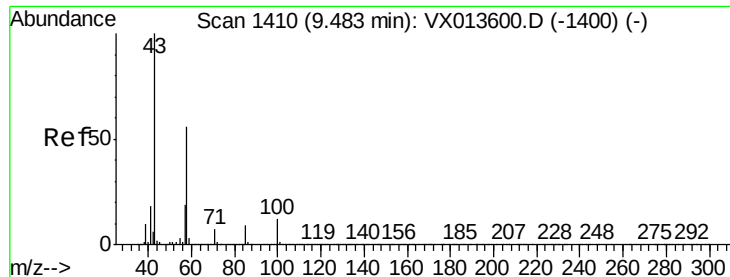
Tot Ion: 76 Resp: 235645
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.266 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion: 63 Resp: 446815
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.4 35.0

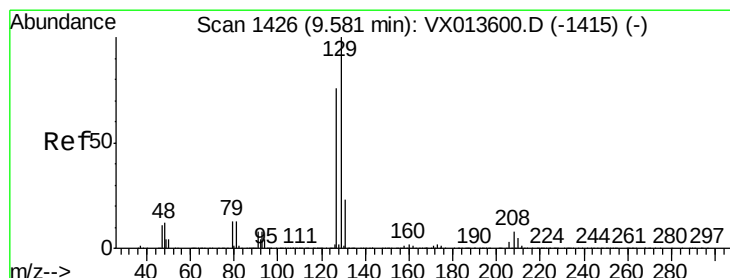
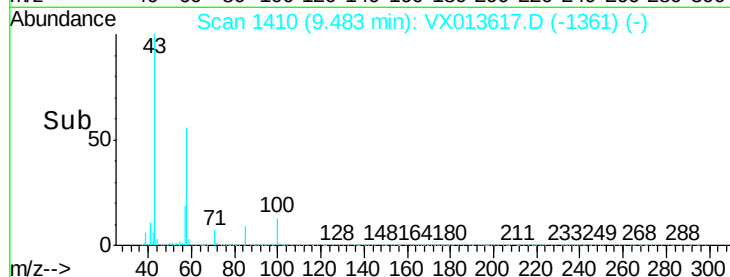
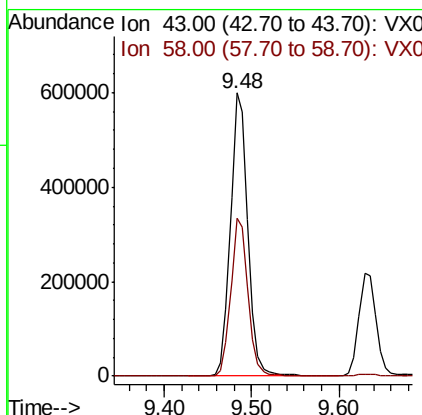
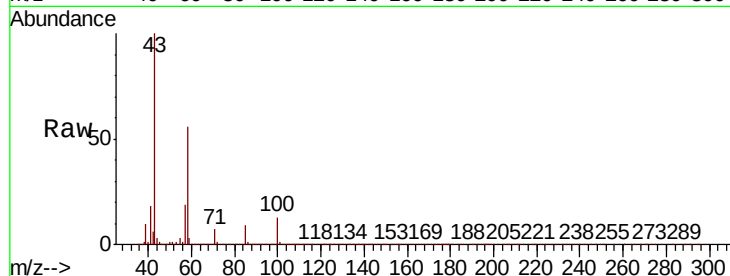




#59
2-Hexanone
Concen: 94.685 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

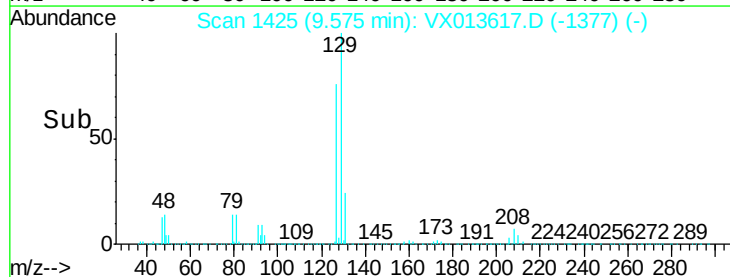
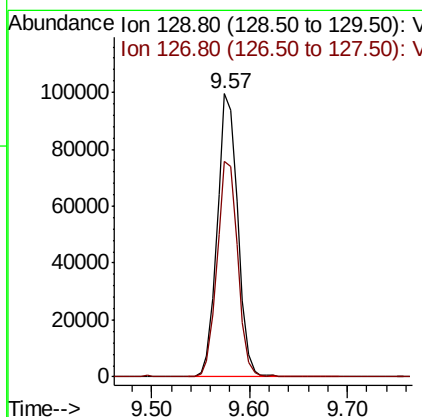
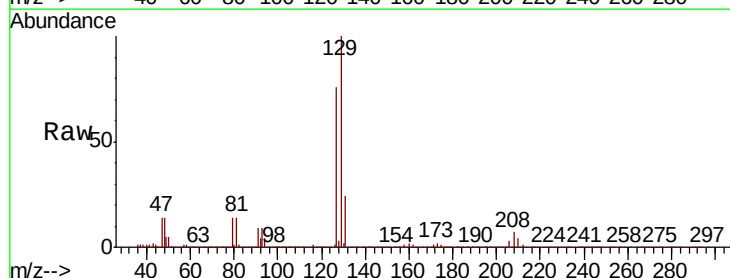
Instrument :
MSVOA_X
ClientSampleId :

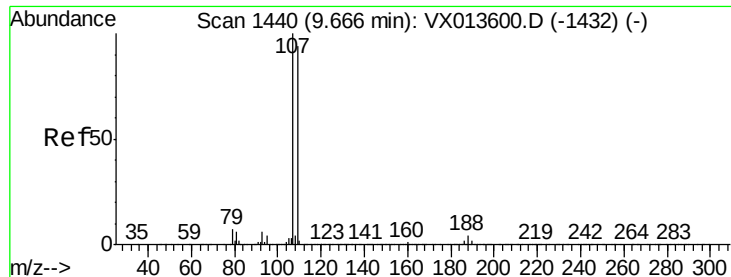
Tot Ion: 43 Resp: 828500
Ion Ratio Lower Upper
43 100
58 55.8 28.1 84.4



#60
Dibromochloromethane
Concen: 18.947 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 129 Resp: 144782
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.248 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

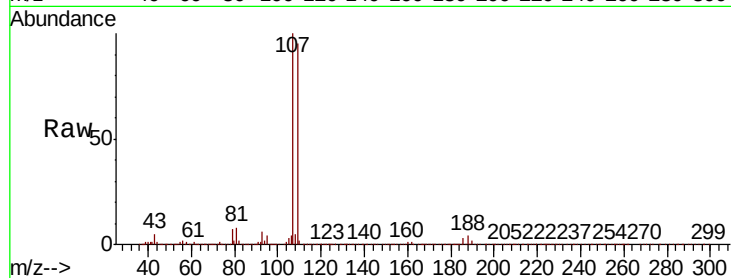
ClientSampleId :

Tot Ion:107 Resp: 151371

Ion Ratio Lower Upper

107 100

109 93.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

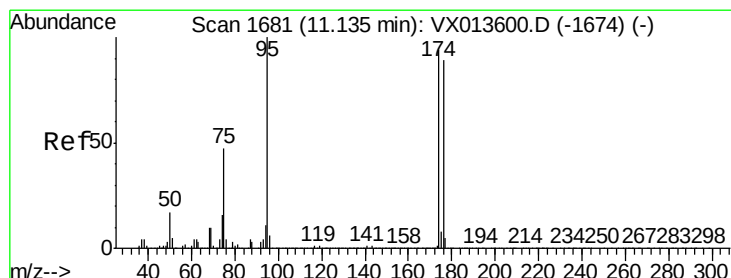
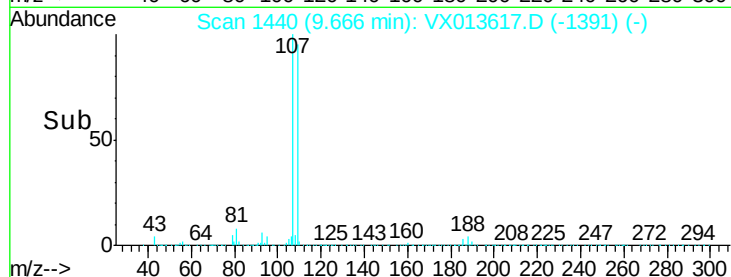
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 44.727 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

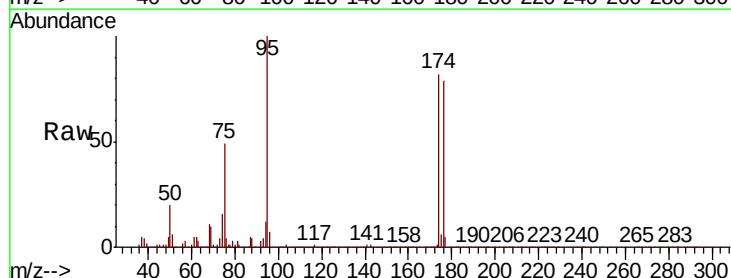
Tgt Ion: 95 Resp: 413282

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.0

176 88.0 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

400000

300000

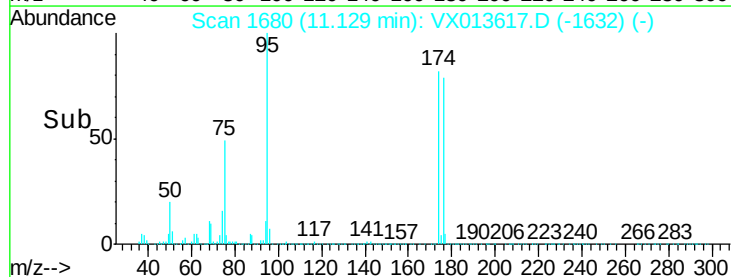
200000

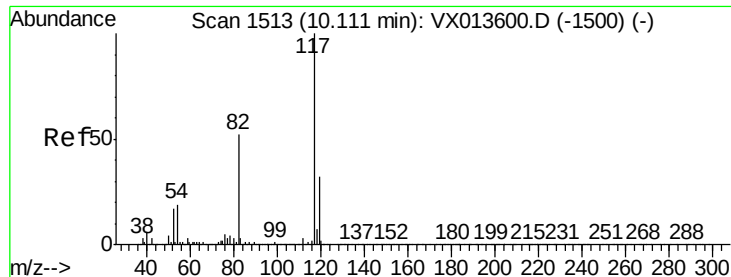
100000

0

11.10 11.20

Time-->

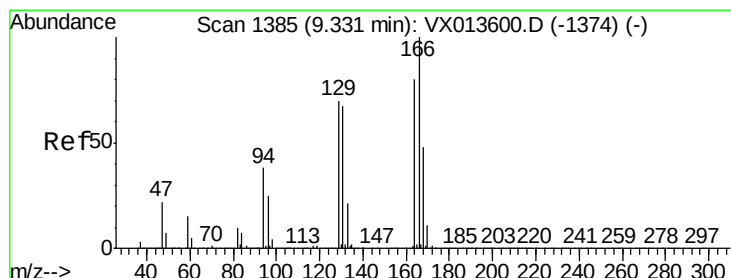
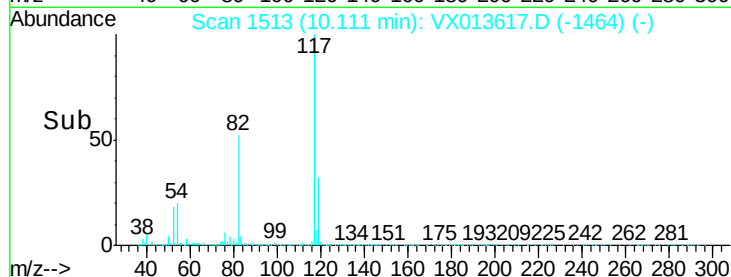
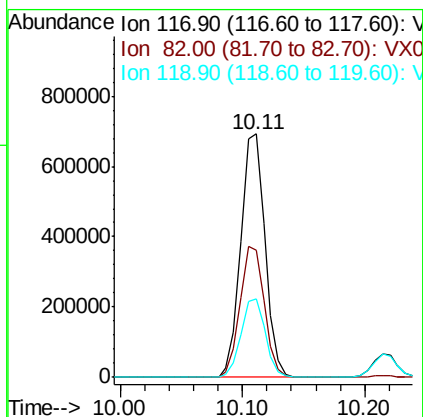
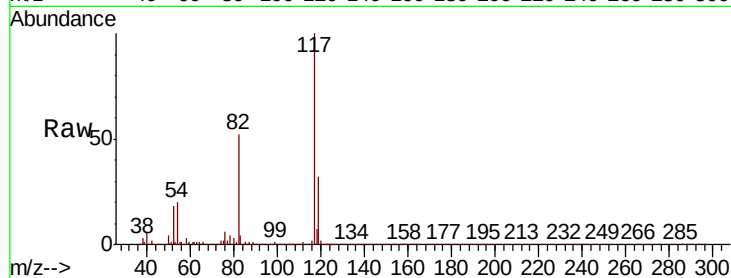




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

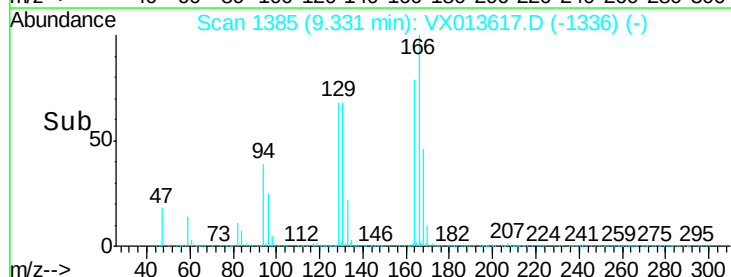
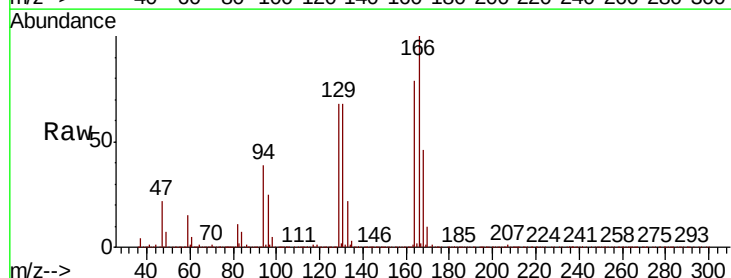
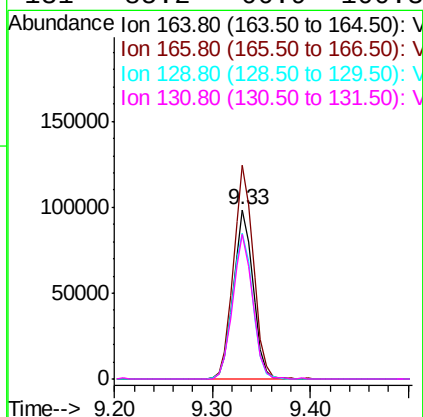
Instrument :
MSVOA_X
ClientSampleId :

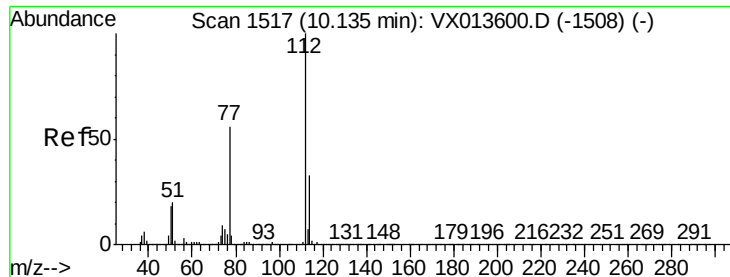
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.8
119	32.1	25.8	38.8



#64
Tetrachloroethene
Concen: 19.344 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	99.7	149.5
129	86.3	70.1	105.1
131	85.2	66.9	100.3

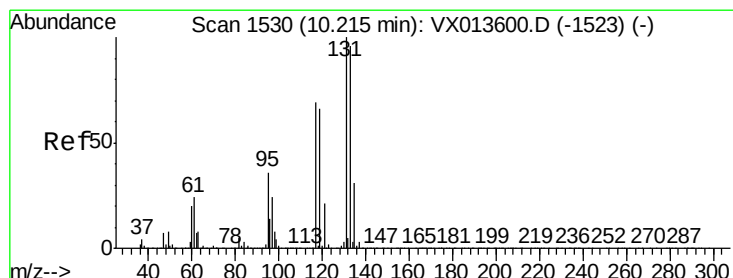
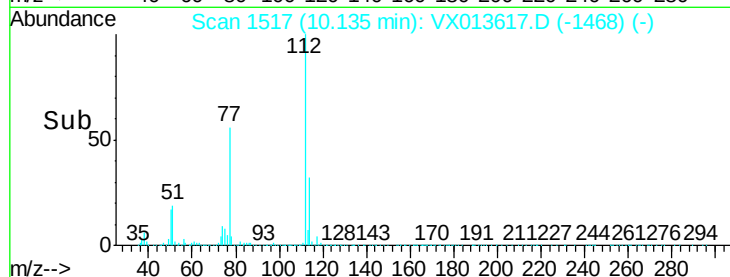
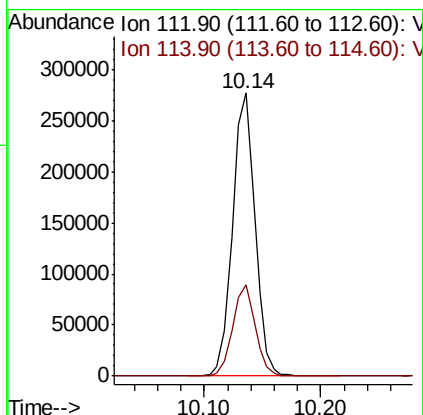
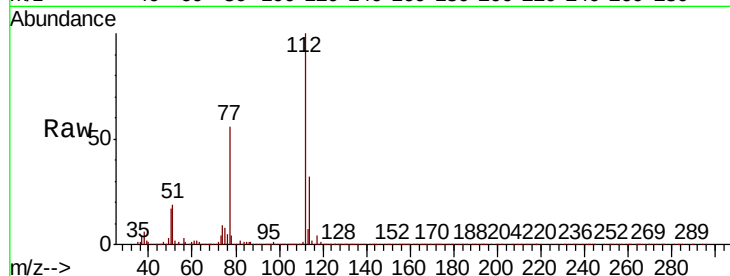




#65
Chlorobenzene
Concen: 18.903 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

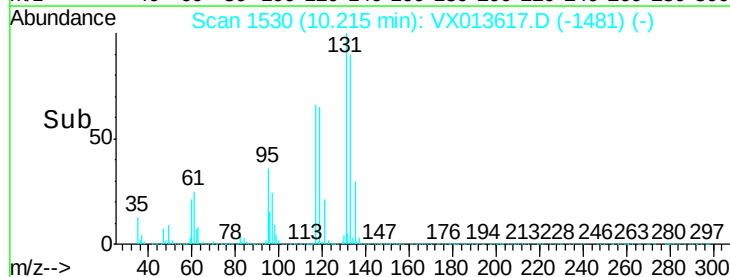
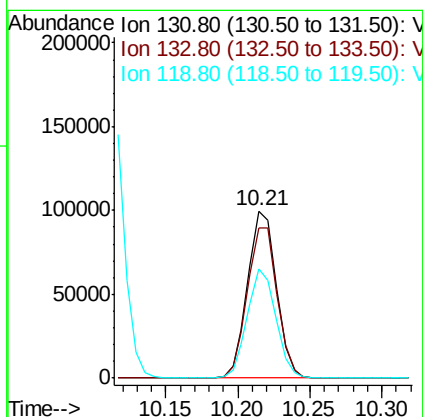
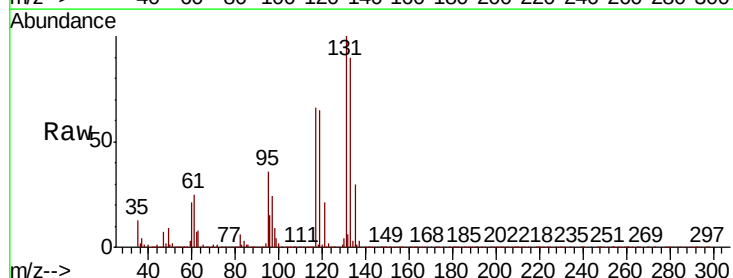
Instrument :
MSVOA_X
ClientSampleId :

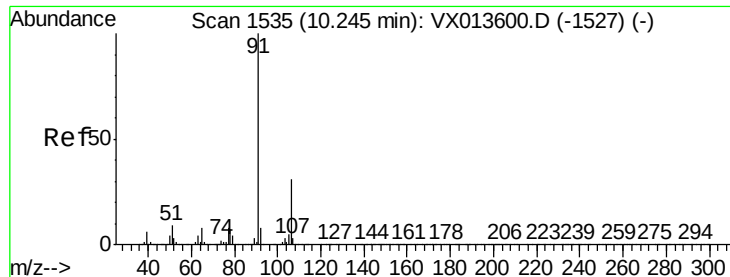
Tot Ion:112 Resp: 373214
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.413 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion:131 Resp: 137630
Ion Ratio Lower Upper
131 100
133 93.9 47.7 143.1
119 64.8 32.9 98.6

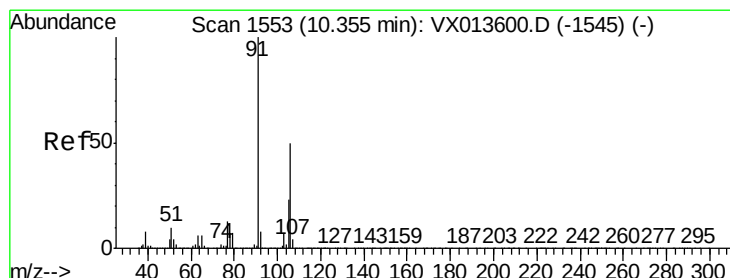
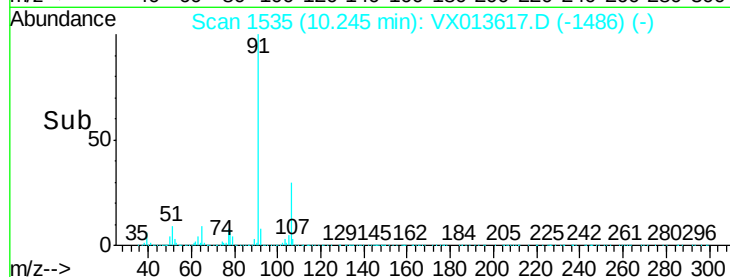
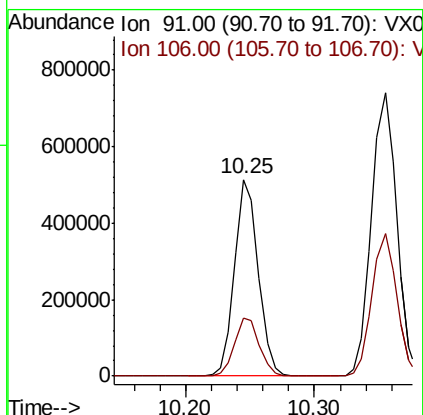
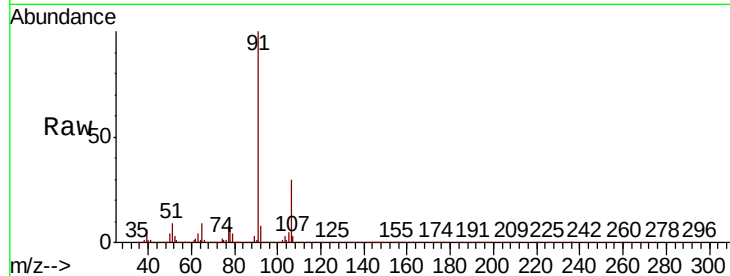




#67
Ethyl Benzene
Concen: 19.509 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

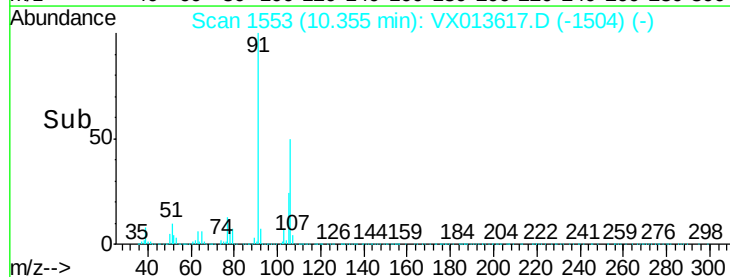
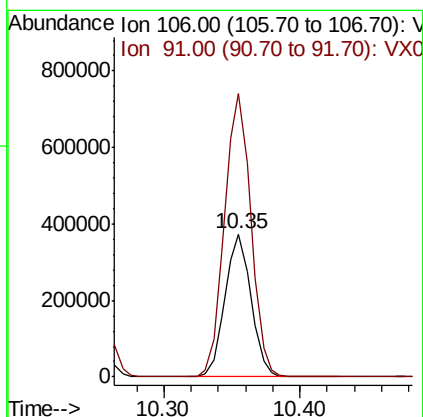
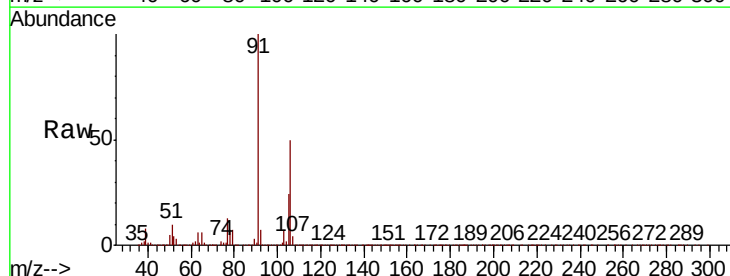
Instrument :
MSVOA_X
ClientSampled :

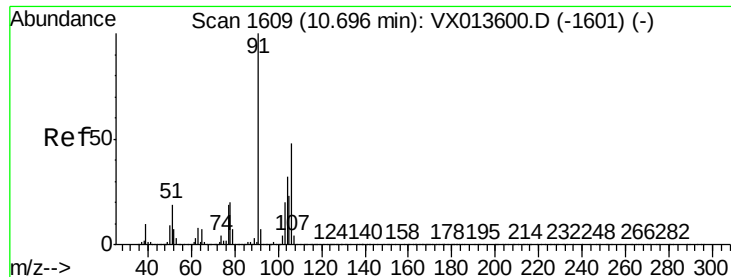
Tot Ion: 91 Resp: 661870
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7



#68
m/p-Xylenes
Concen: 38.228 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 106 Resp: 496554
Ion Ratio Lower Upper
106 100
91 201.3 159.0 238.4

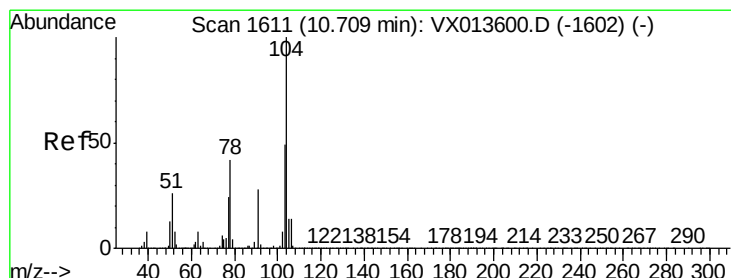
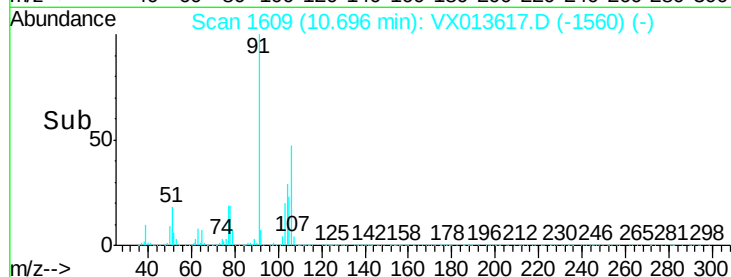
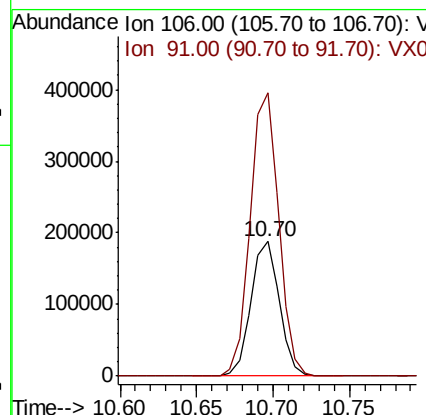
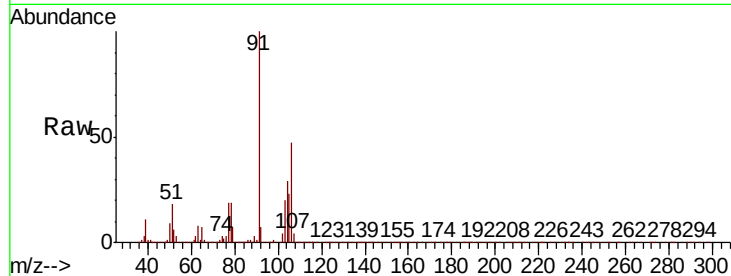




#69
o-Xylene
Concen: 19.043 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

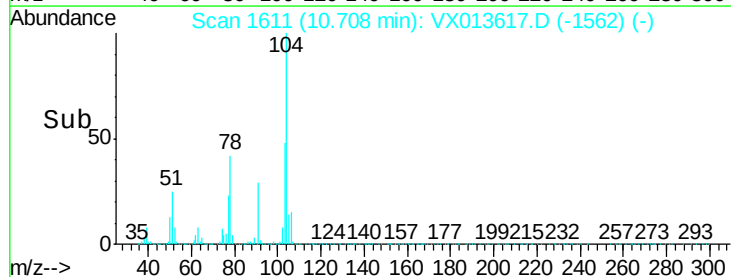
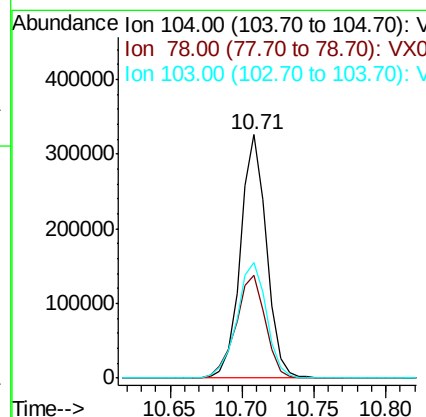
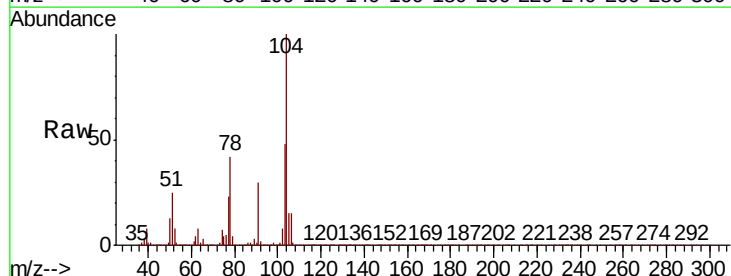
Instrument :
MSVOA_X
ClientSampleId :

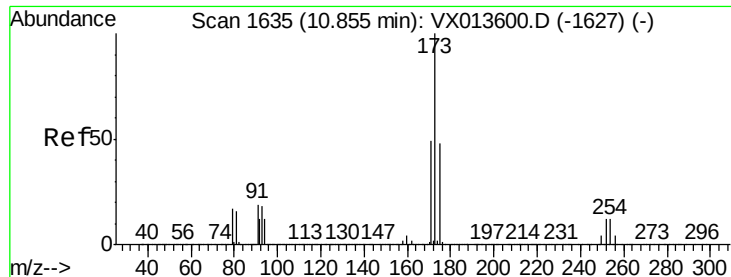
Tot Ion:106 Resp: 241243
Ion Ratio Lower Upper
106 100
91 212.2 104.1 312.2



#70
Styrene
Concen: 19.211 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion:104 Resp: 409392
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 18.488 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

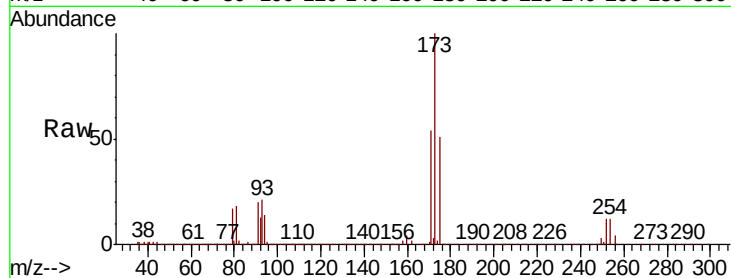
Tot Ion:173 Resp: 108452

Ion Ratio Lower Upper

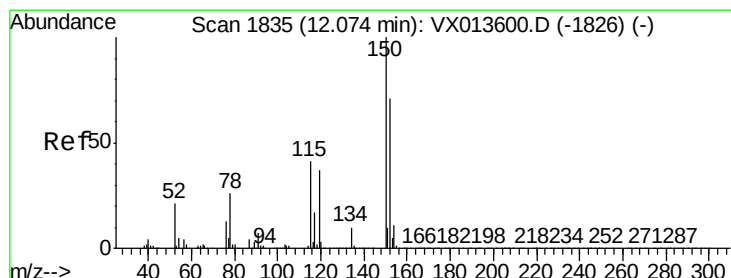
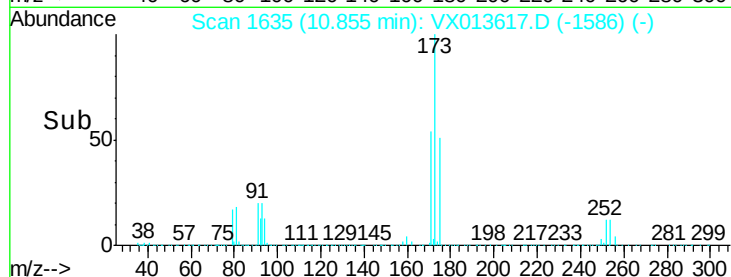
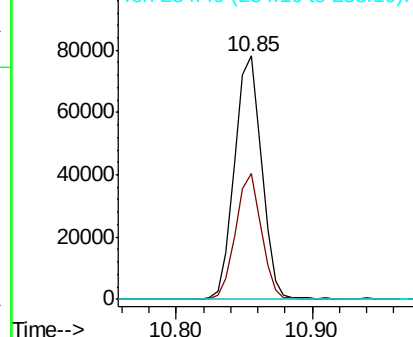
173 100

175 48.6 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: VX013617.D

Acq: 26 Nov 2019 23:12

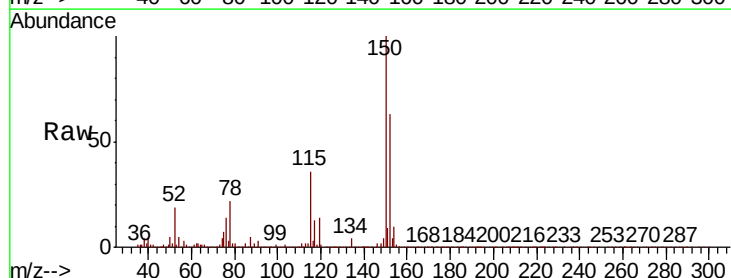
Tgt Ion:152 Resp: 468280

Ion Ratio Lower Upper

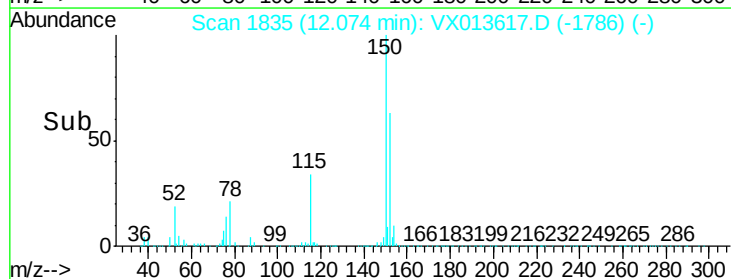
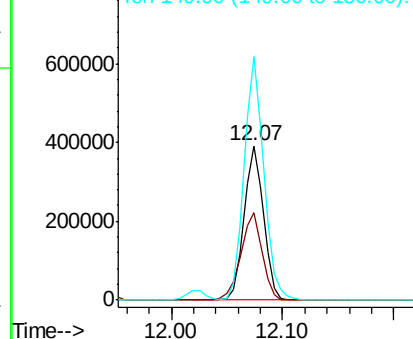
152 100

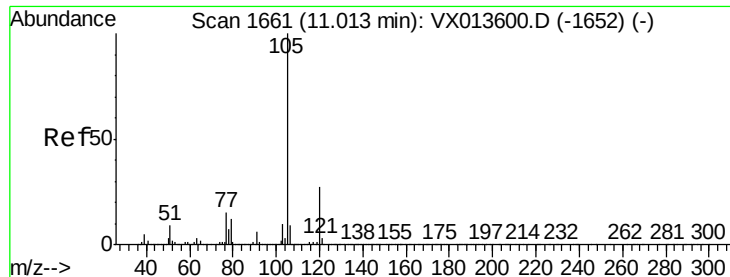
115 62.4 38.4 115.1

150 161.2 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

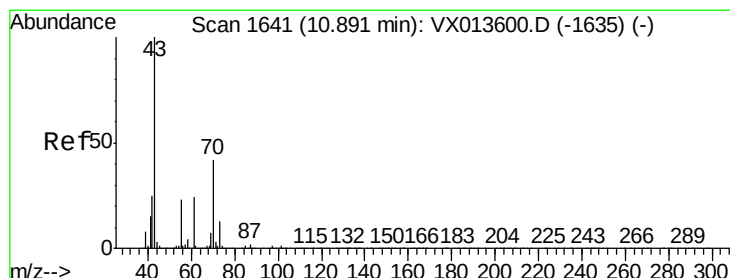
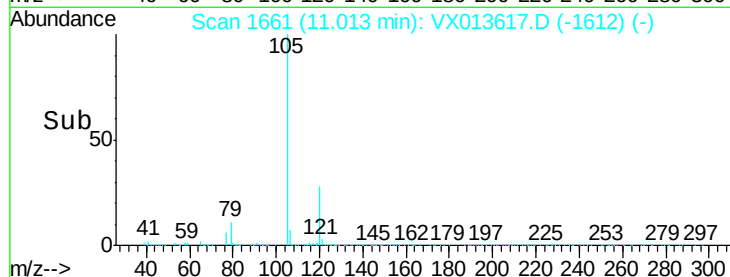
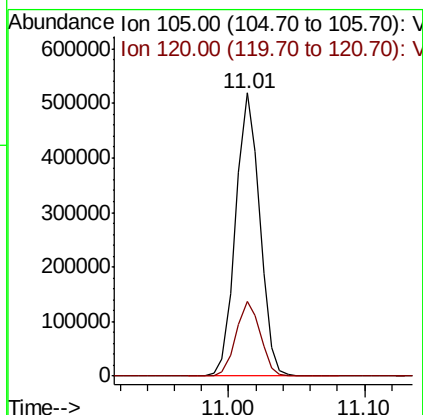
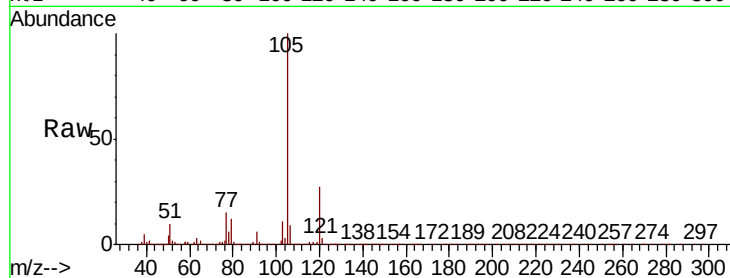




#73
Isopropylbenzene
Concen: 19.466 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

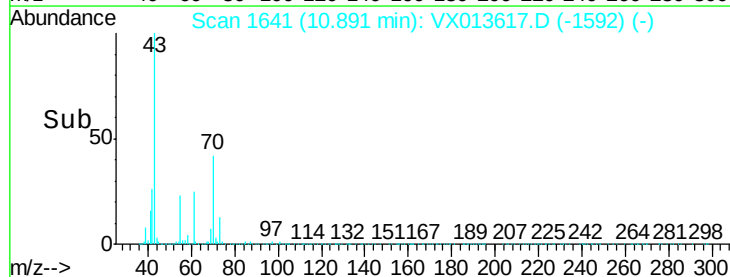
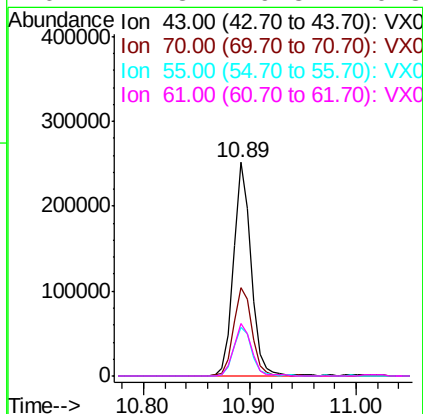
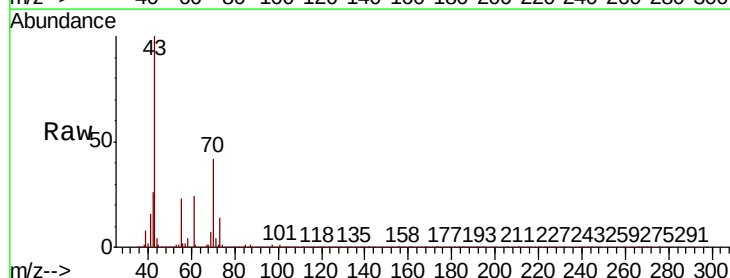
Instrument :
MSVOA_X
ClientSampled :

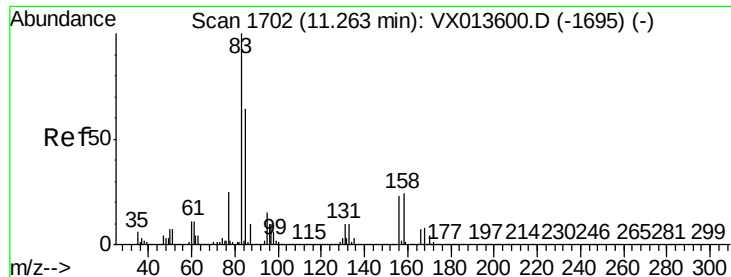
Tot Ion: 105 Resp: 639415
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5



#74
N-ethyl acetate
Concen: 19.491 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 43 Resp: 293291
Ion Ratio Lower Upper
43 100
70 43.3 34.3 51.5
55 23.9 18.5 27.7
61 24.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.758 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

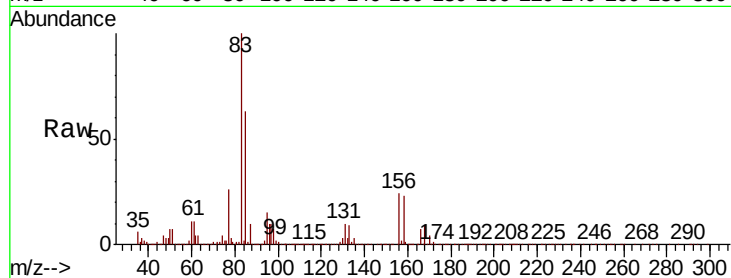
Tot Ion: 83 Resp: 225075

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

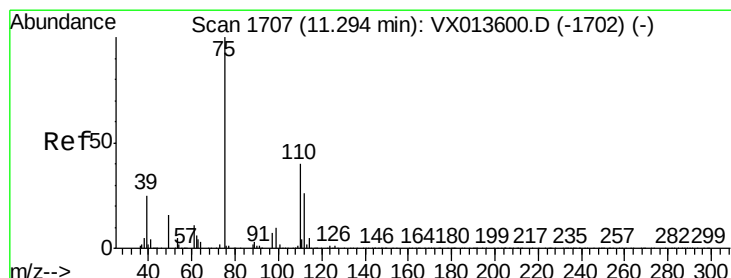
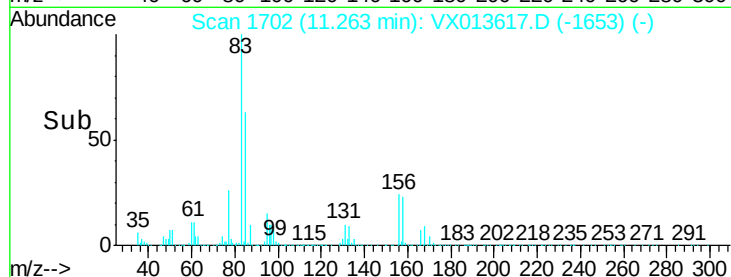
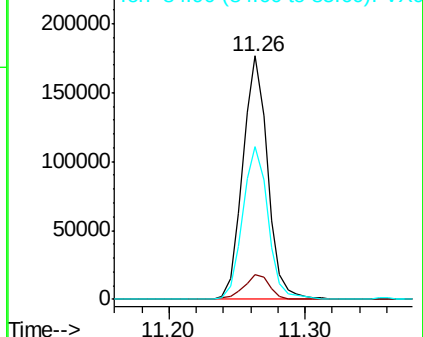
85 64.2 31.8 95.3



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: 23.431 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013617.D

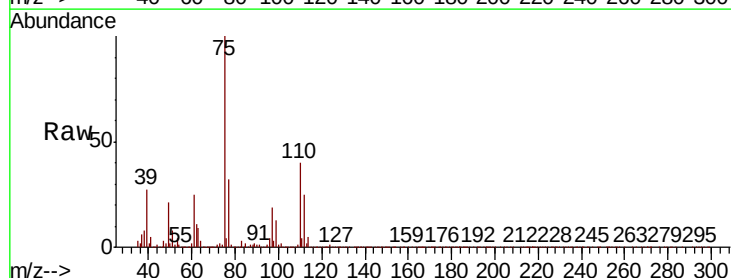
Acq: 26 Nov 2019 23:12

Tgt Ion: 75 Resp: 246783

Ion Ratio Lower Upper

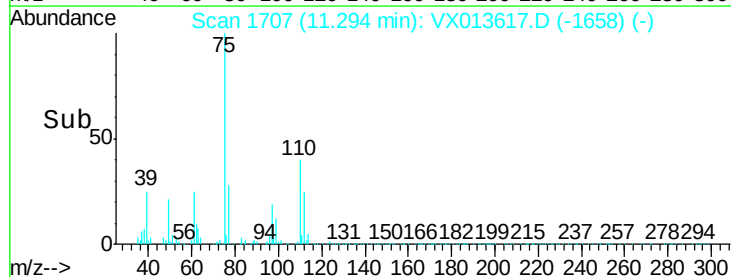
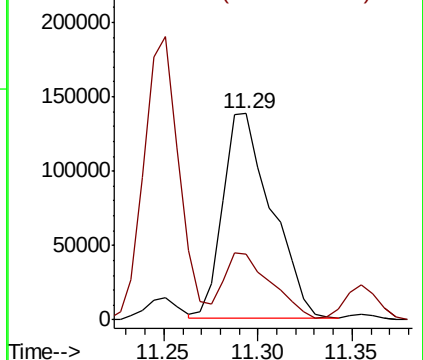
75 100

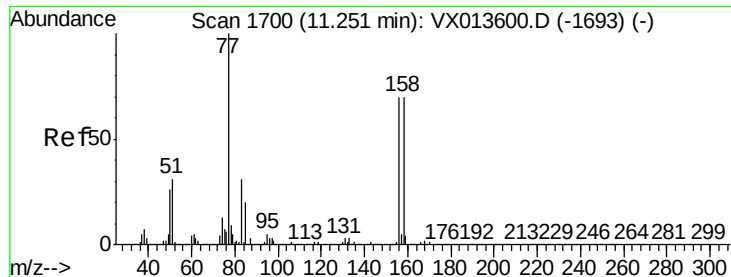
77 31.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.155 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

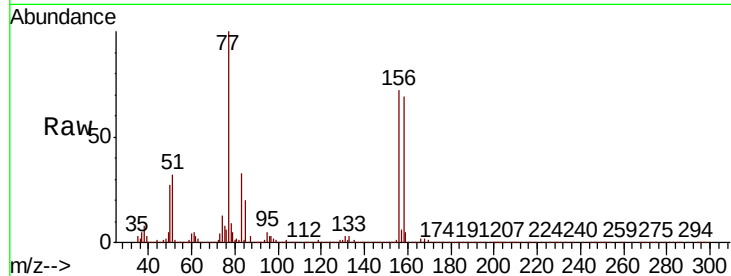
Tot Ion:156 Resp: 169986

Ion Ratio Lower Upper

156 100

77 146.4 74.4 223.1

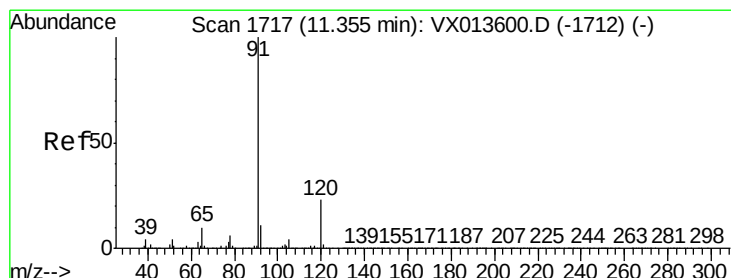
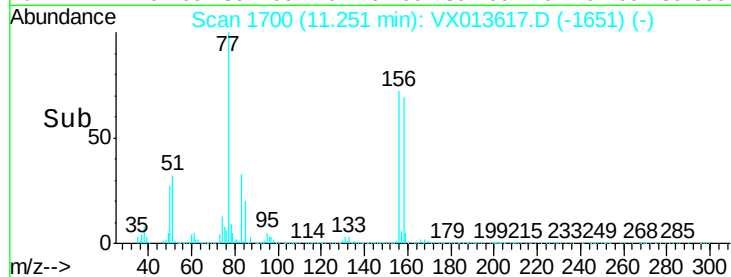
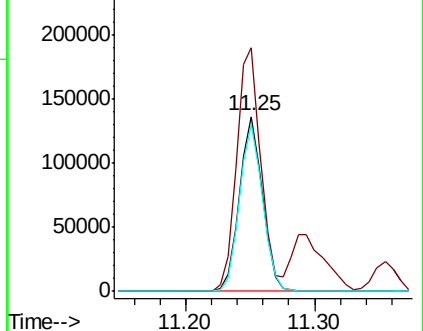
158 95.8 48.9 146.6



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: 19.400 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013617.D

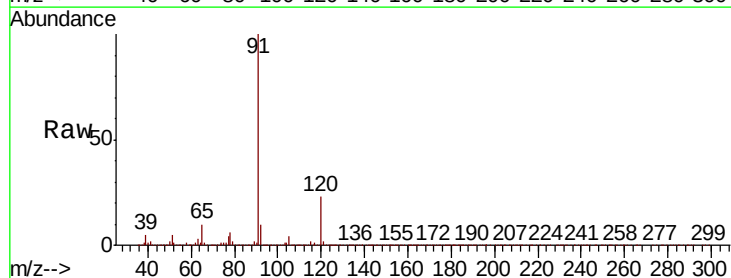
Acq: 26 Nov 2019 23:12

Tgt Ion: 91 Resp: 711356

Ion Ratio Lower Upper

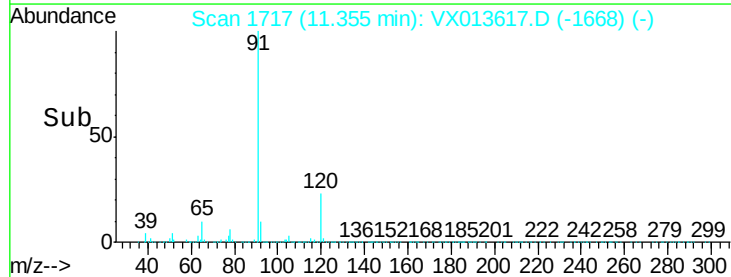
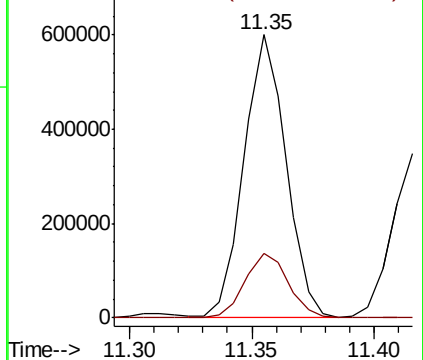
91 100

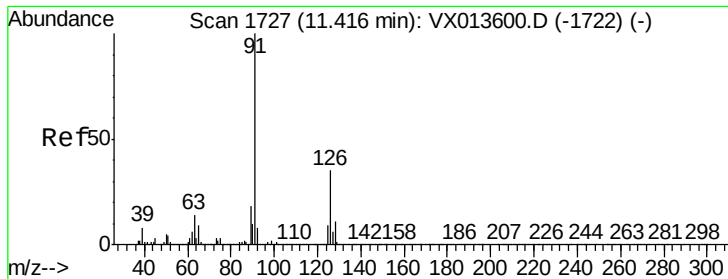
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.466 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

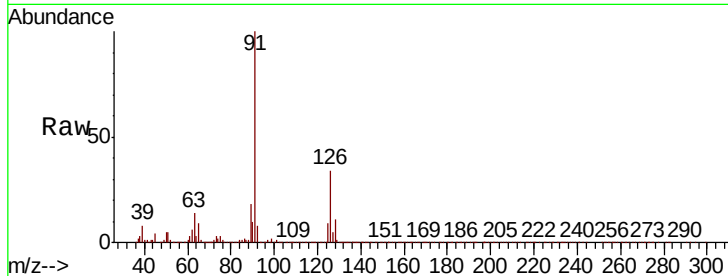
ClientSampleId :

Tot Ion: 91 Resp: 428185

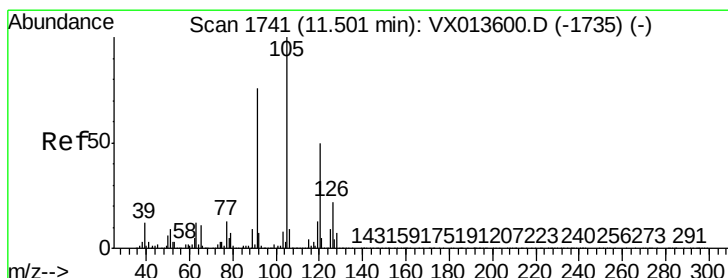
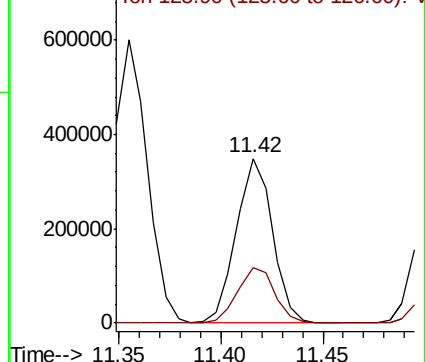
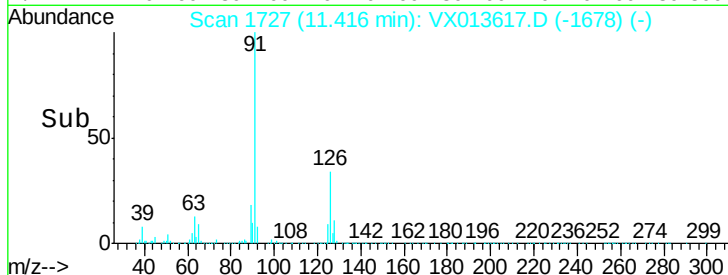
Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013617.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.634 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013617.D

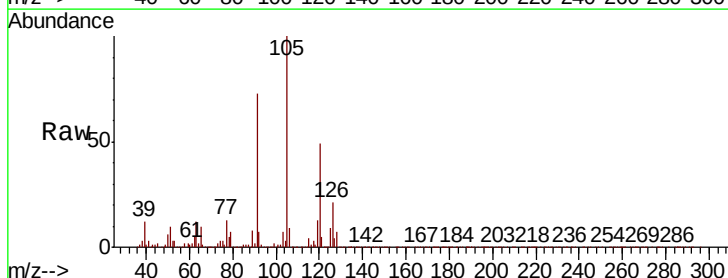
Acq: 26 Nov 2019 23:12

Tgt Ion: 105 Resp: 528589

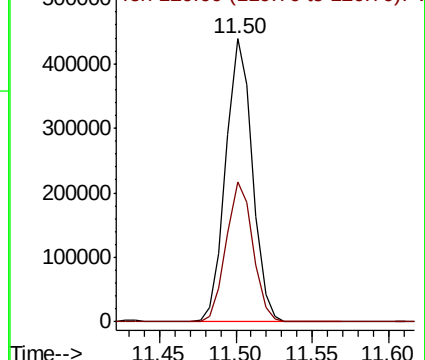
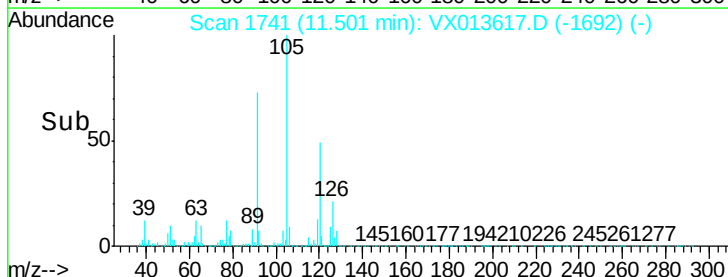
Ion Ratio Lower Upper

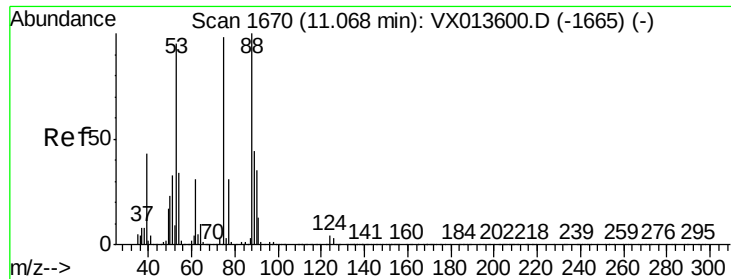
105 100

120 49.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013617.D (-1692) (-)

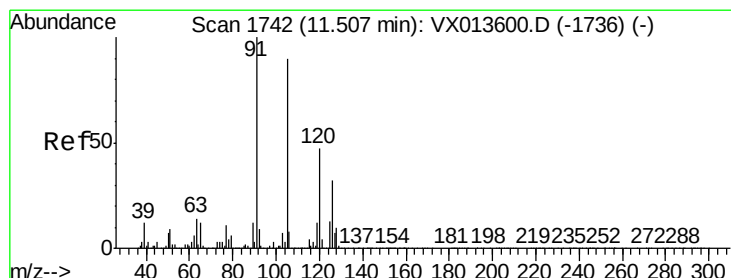
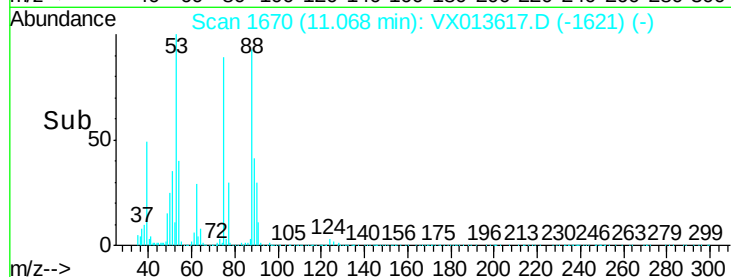
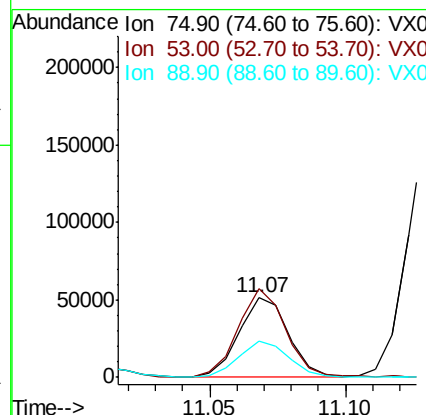
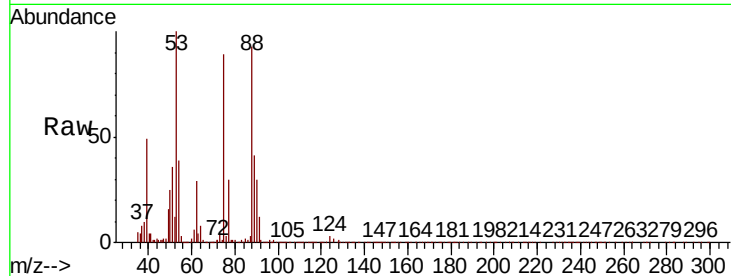




#81
trans-1,4-Dichloro-2-butene
Concen: 16.484 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

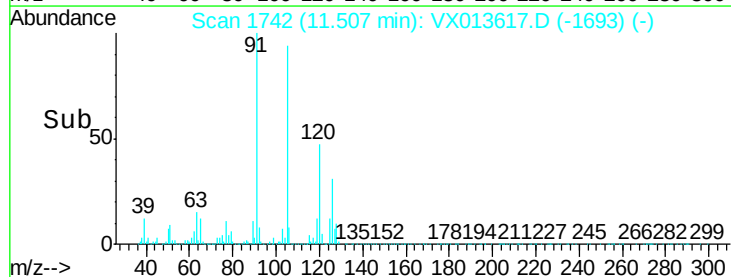
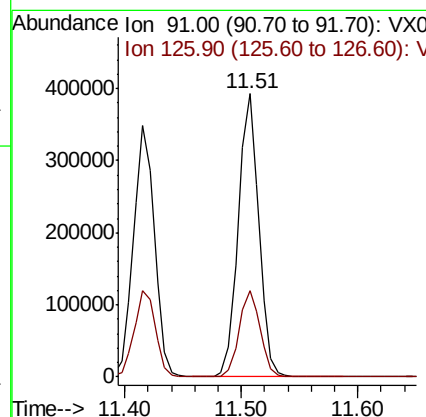
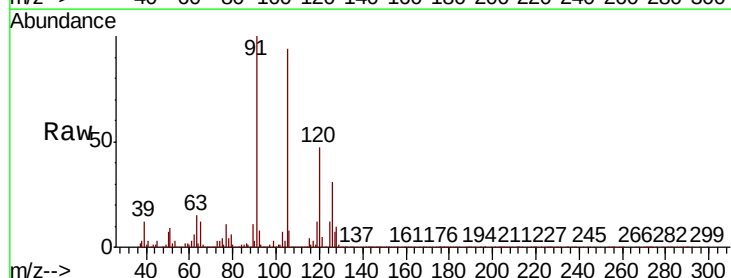
Instrument :
MSVOA_X
ClientSampleId :

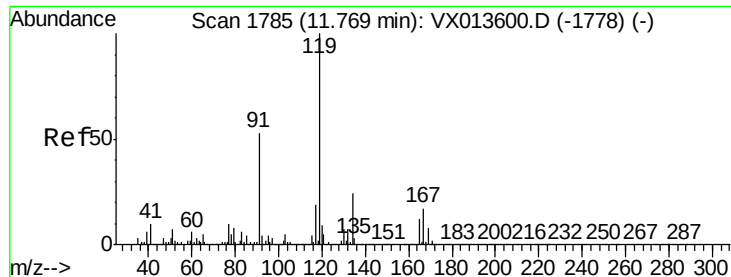
Tot Ion: 75 Resp: 63460
Ion Ratio Lower Upper
75 100
53 108.4 78.2 117.2
89 48.7 35.4 53.2



#82
4-Chlorotoluene
Concen: 18.996 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 91 Resp: 483946
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0





#83

tert-Butylbenzene

Concen: 19.380 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampled :

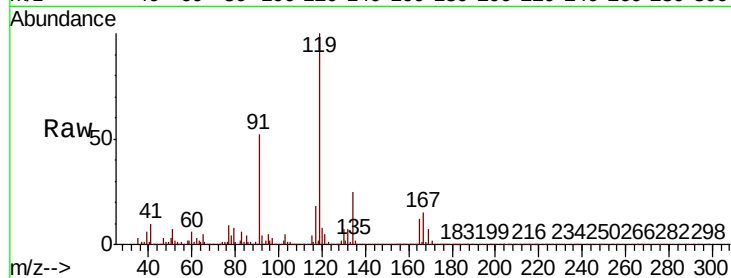
Tot Ion:119 Resp: 530254

Ion Ratio Lower Upper

119 100

91 54.3 27.2 81.6

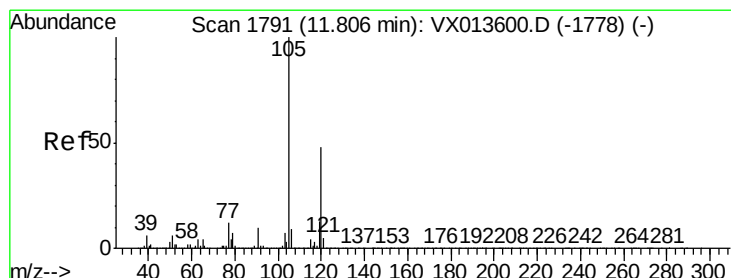
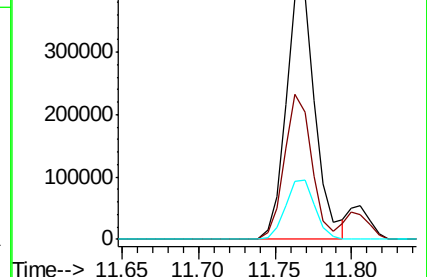
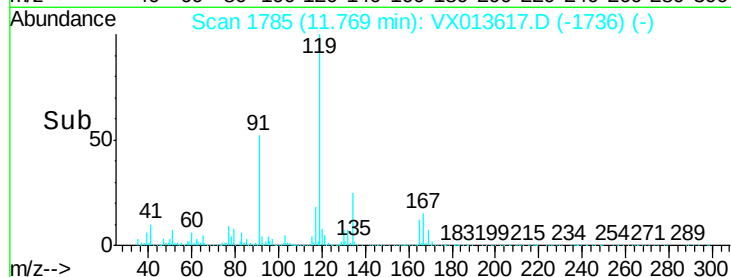
134 23.9 11.7 35.1



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: 19.637 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013617.D

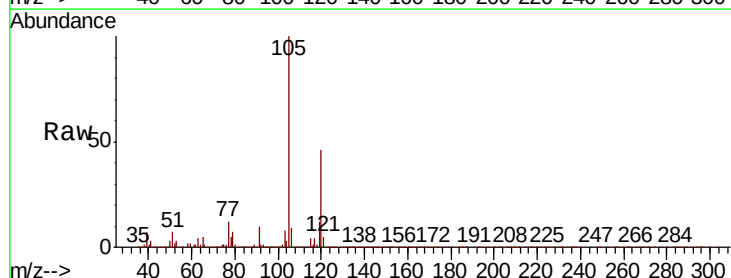
Acq: 26 Nov 2019 23:12

Tgt Ion:105 Resp: 536538

Ion Ratio Lower Upper

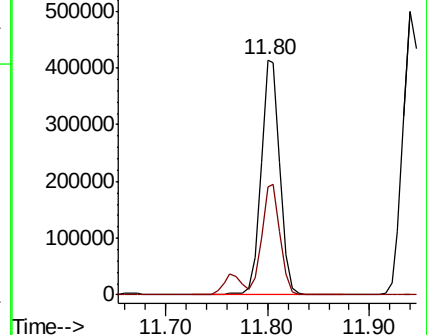
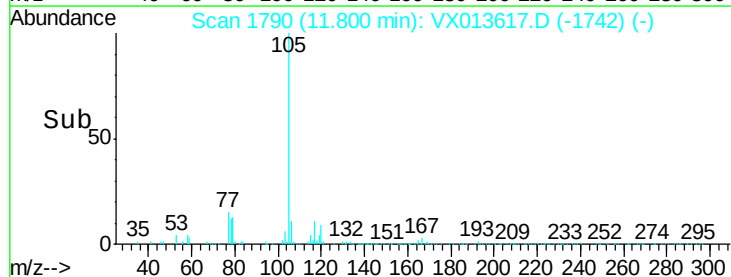
105 100

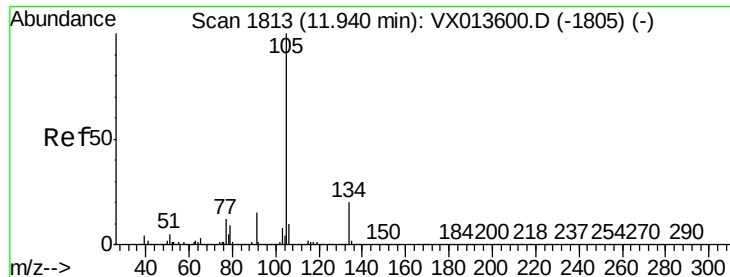
120 45.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.560 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

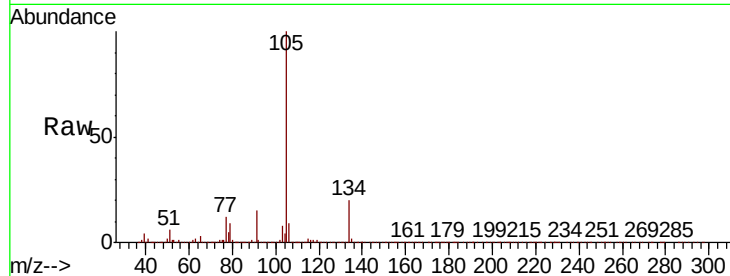
ClientSampleId :

Tot Ion:105 Resp: 611272

Ion Ratio Lower Upper

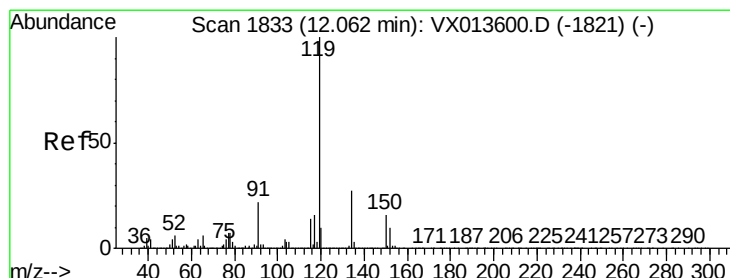
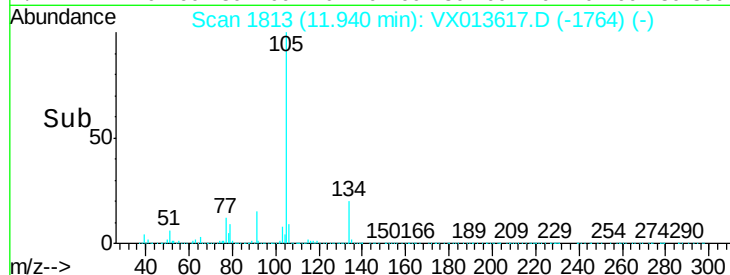
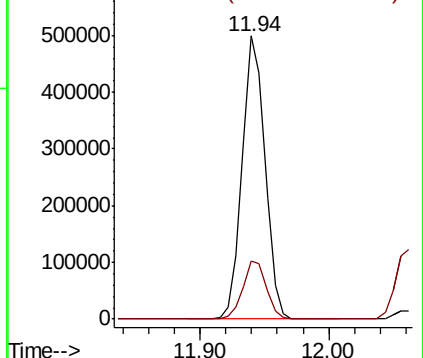
105 100

134 20.8 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: 19.119 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

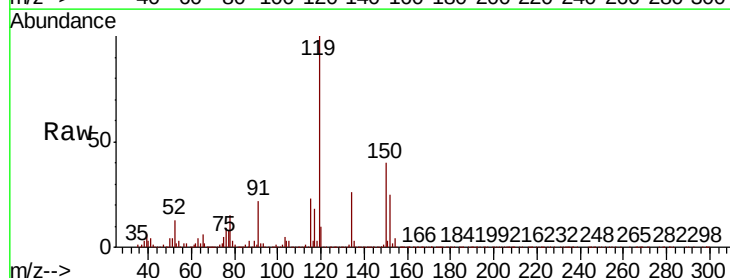
Tgt Ion:119 Resp: 555862

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

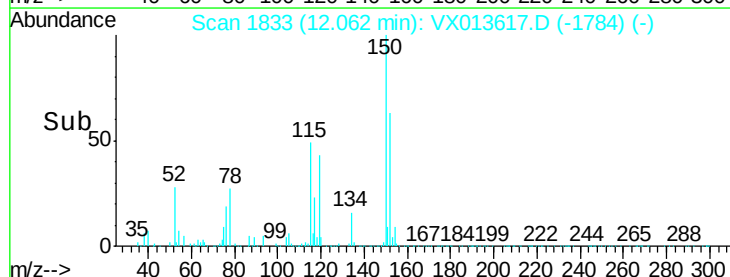
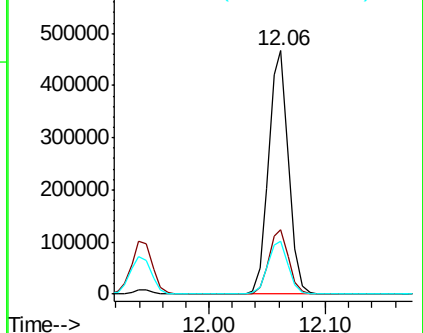
91 22.4 11.3 33.8

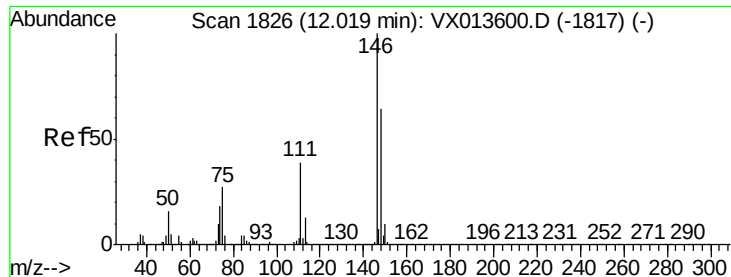


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

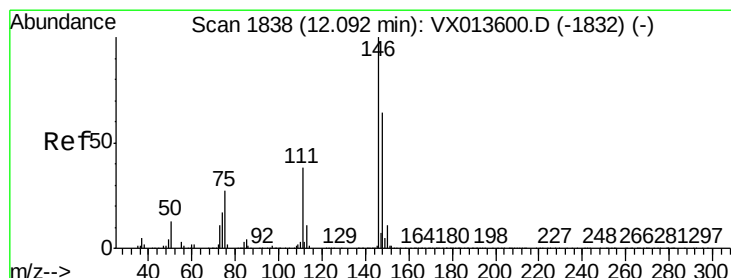
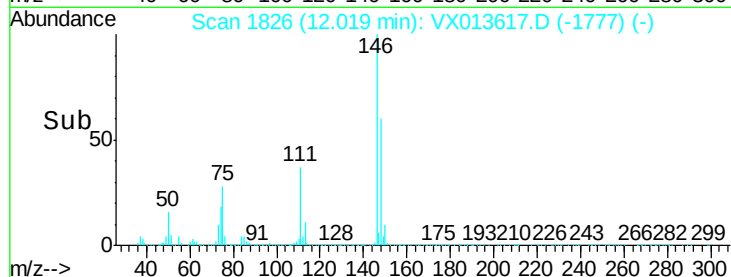
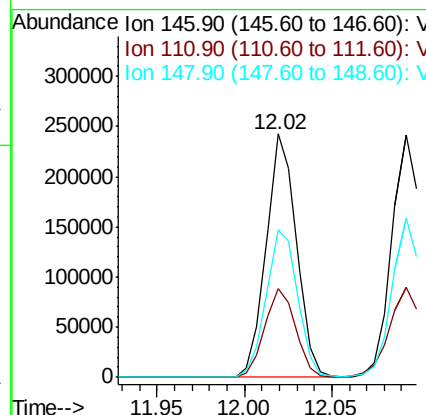
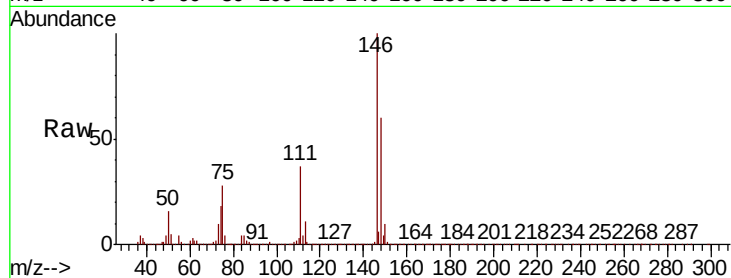




#87
 1,3-Dichlorobenzene
 Concen: 18.917 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

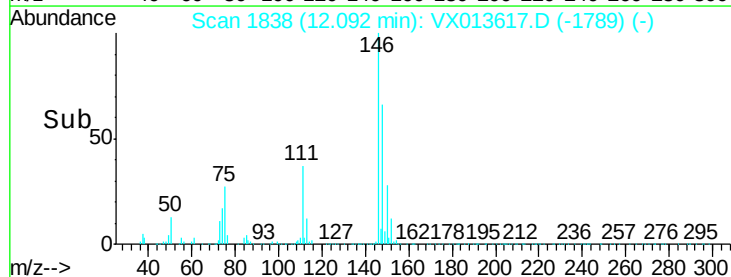
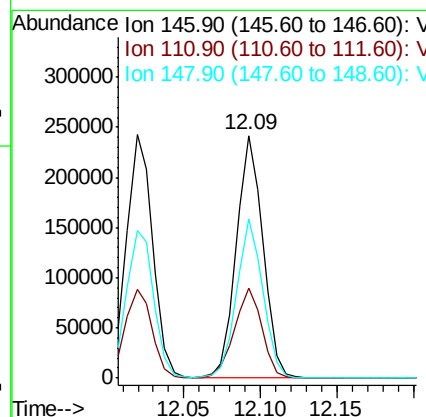
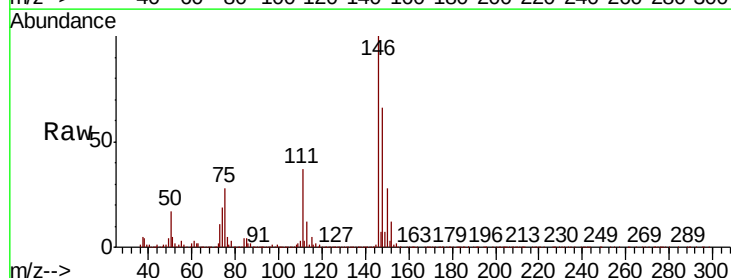
Instrument :
 MSVOA_X
 ClientSampleId :

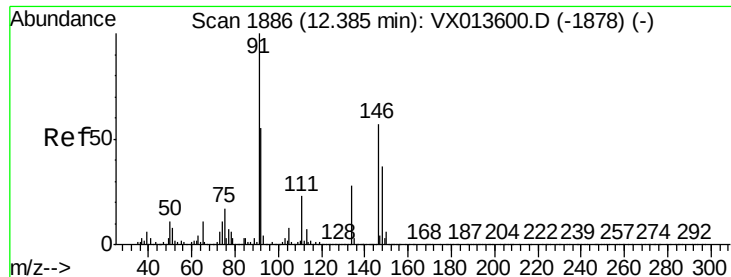
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	63.1	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.403 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	65.1	31.9	95.5

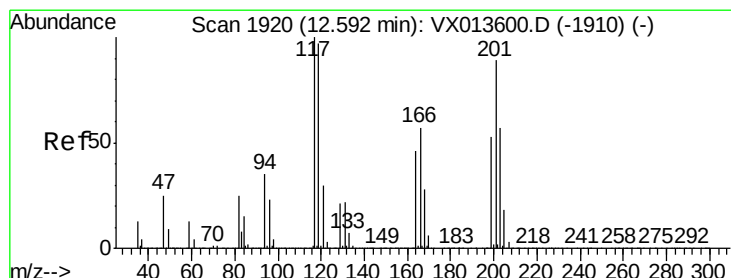
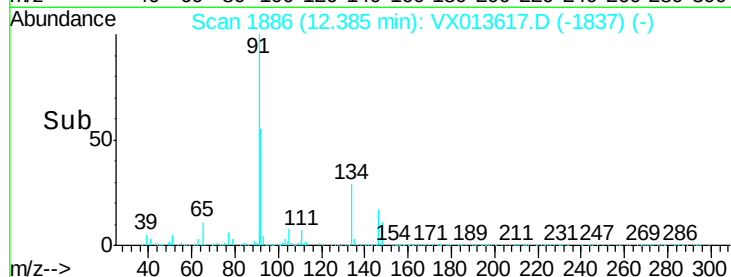
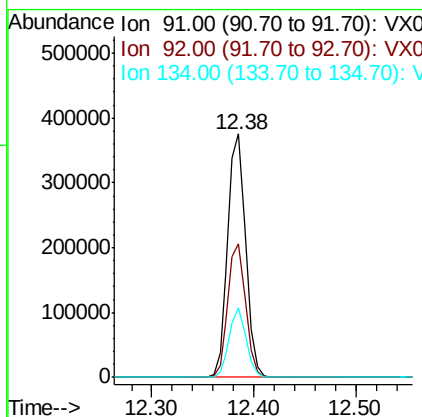
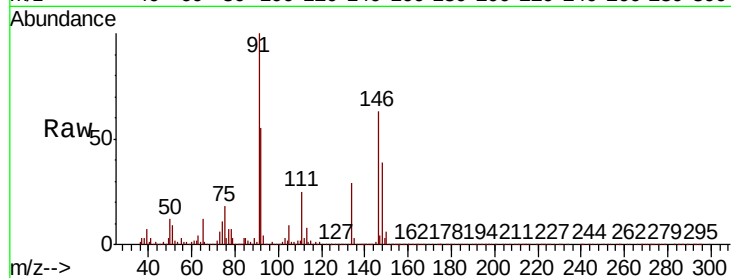




#89
n-Butylbenzene
Concen: 18.328 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

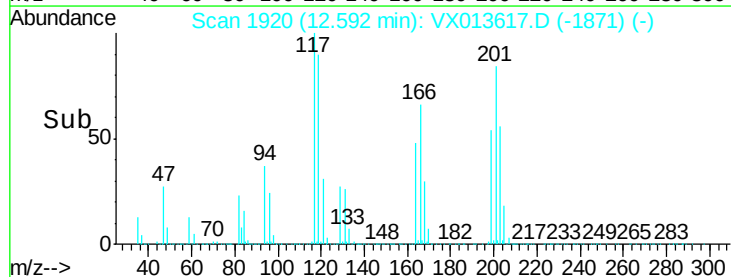
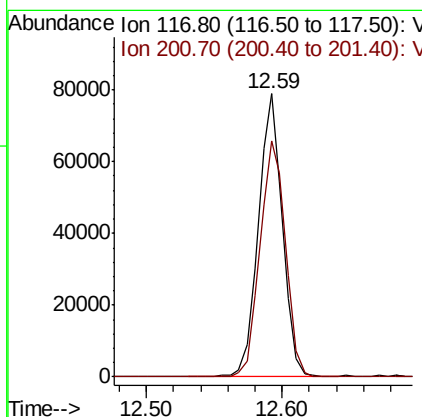
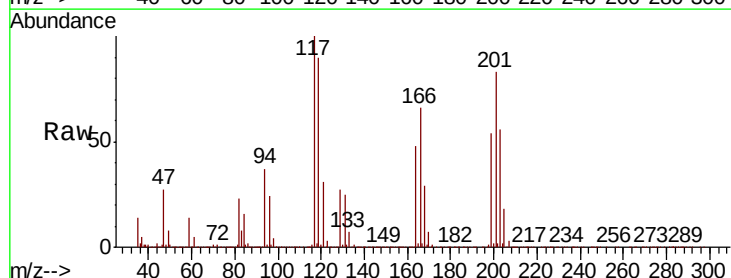
Instrument :
MSVOA_X
ClientSampled :

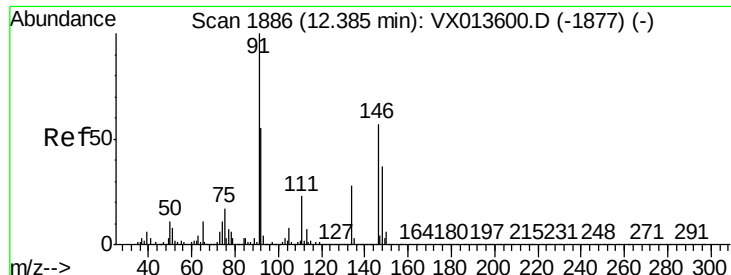
Tot Ion: 91 Resp: 454468
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 27.2 13.5 40.4



#90
Hexachloroethane
Concen: 18.515 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 117 Resp: 97298
Ion Ratio Lower Upper
117 100
201 89.2 44.1 132.4

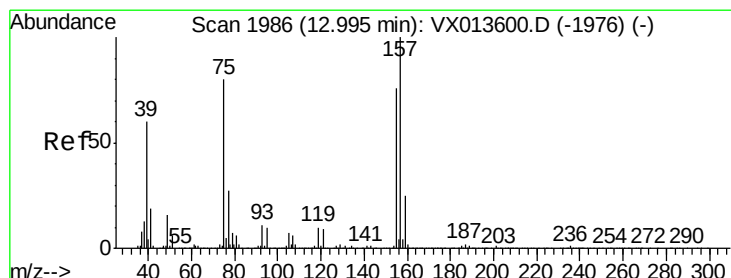
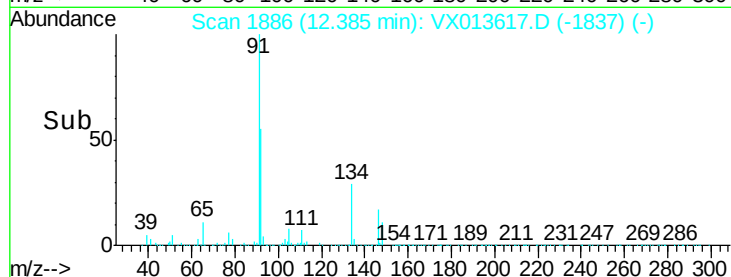
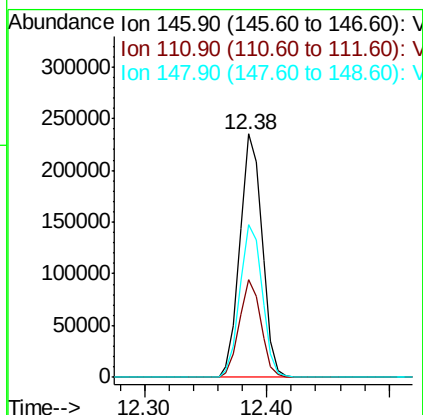
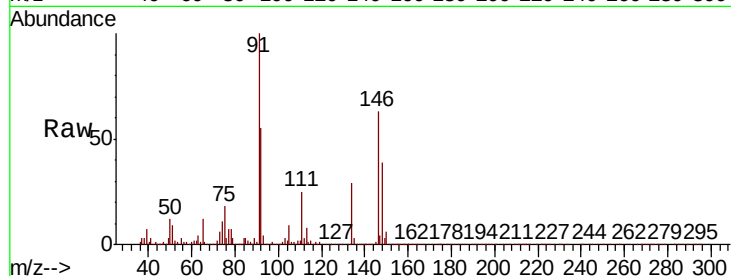




#91
 1,2-Dichlorobenzene
 Concen: 19.253 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

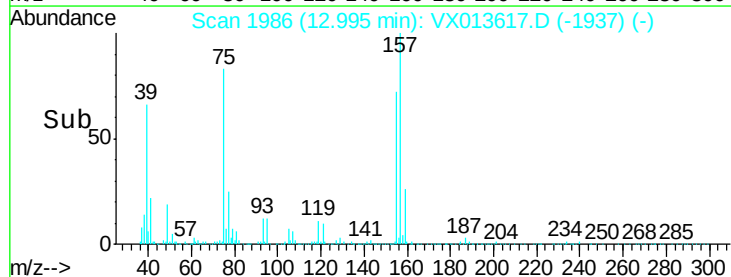
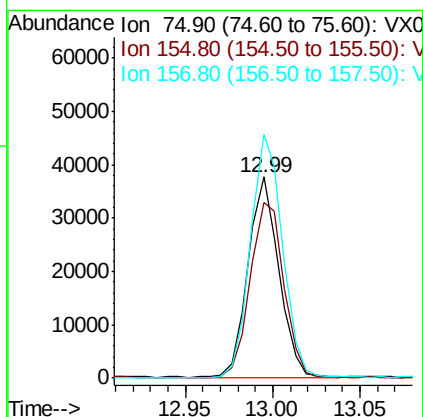
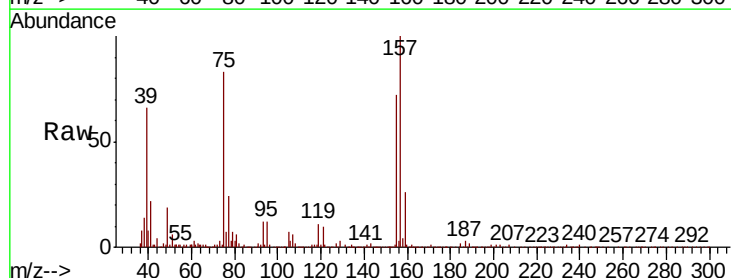
Instrument :
 MSVOA_X
 ClientSampleId :

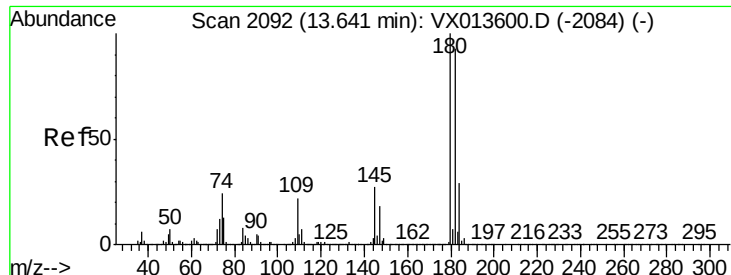
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.7
148	63.4	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.434 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	47.6	142.8
157	128.6	62.1	186.2

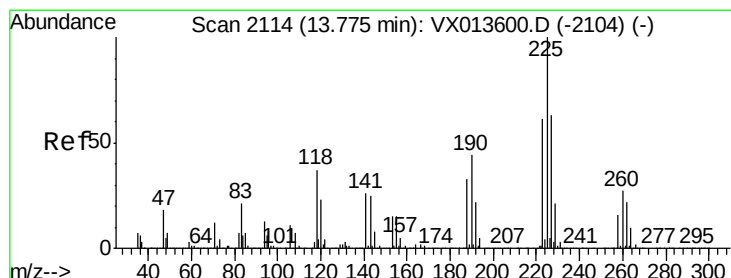
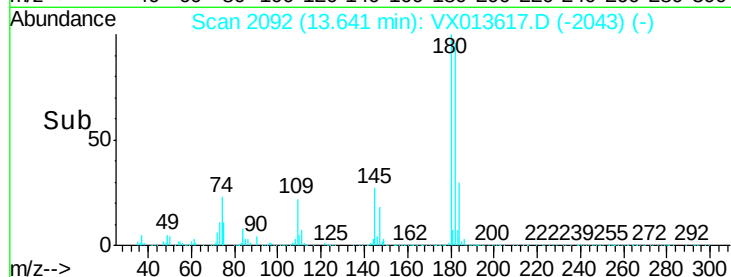
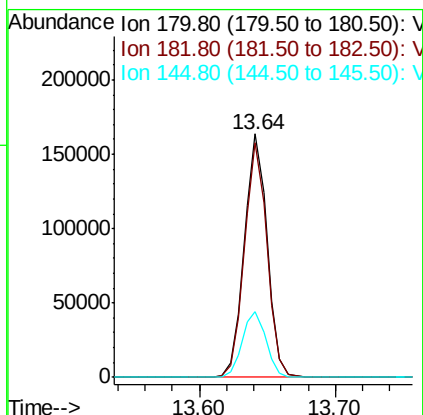
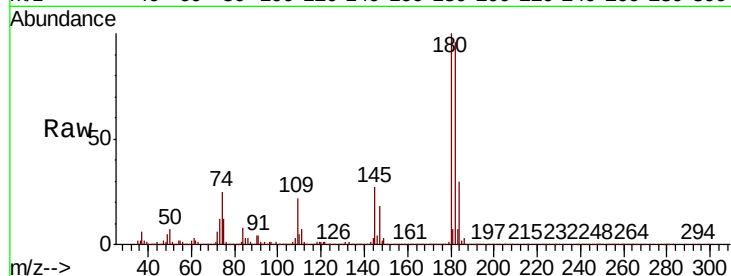




#93
 1,2,4-Trichlorobenzene
 Concen: 18.063 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

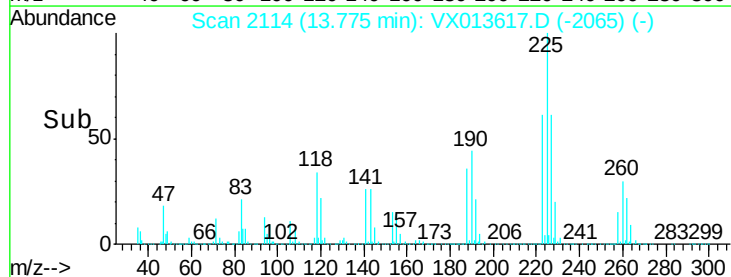
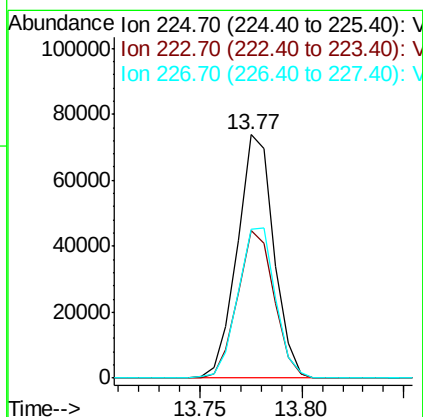
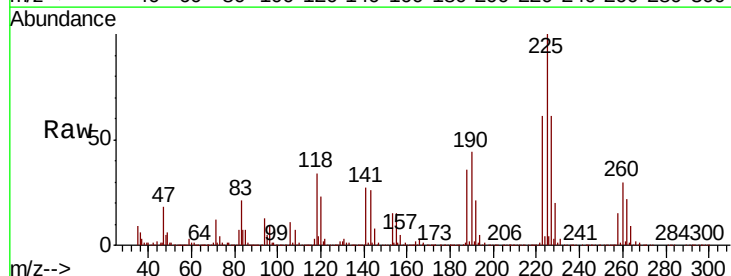
Instrument :
 MSVOA_X
 ClientSampleId :

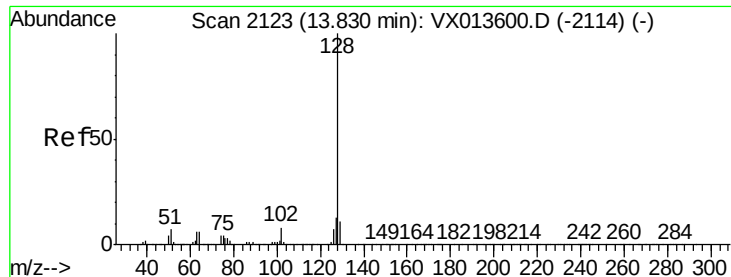
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.2	141.6
145	28.0	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 17.889 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.5
227	63.5	32.1	96.3

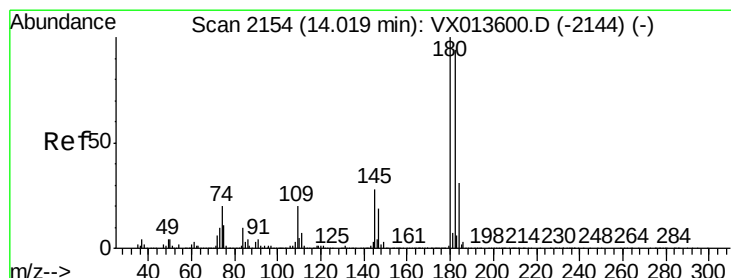
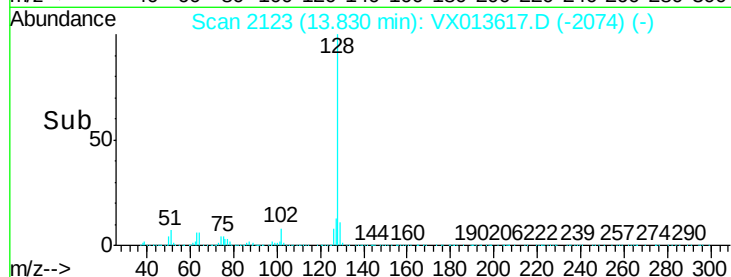
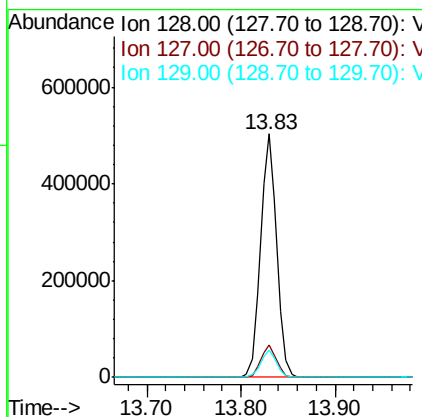
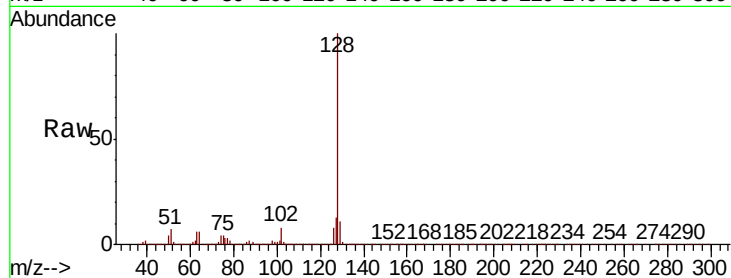




#95
Naphthalene
Concen: 19.277 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 611489
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.398 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion:180 Resp: 194039
Ion Ratio Lower Upper
180 100
182 96.7 47.6 142.8
145 29.1 15.0 45.0

