

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013611.D
 Acq On : 26 Nov 2019 20:06
 Operator : JC/SP
 Sample : K6002-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 03:41:57 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	685921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1054560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	966522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	486354	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	375884	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
35) Dibromofluoromethane	5.49	113	311651	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	1216050	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.14	95	446330	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	398299	52.170	ug/l	98
3) Chloromethane	1.32	50	436884	50.998	ug/l	99
4) Vinyl Chloride	1.40	62	502120	52.076	ug/l	100
5) Bromomethane	1.63	94	295330	45.609	ug/l	99
6) Chloroethane	1.71	64	266092	48.497	ug/l	99
7) Trichlorofluoromethane	1.92	101	523948	48.937	ug/l	98
8) Diethyl Ether	2.18	74	241856	49.932	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	313734	47.974	ug/l	98
10) Methyl Iodide	2.50	142	406966	51.444	ug/l	99
11) Tert butyl alcohol	3.03	59	465638	236.933	ug/l	99
12) 1,1-Dichloroethene	2.36	96	322950	49.474	ug/l	96
13) Acrolein	2.28	56	343377	260.988	ug/l #	15
14) Allyl chloride	2.72	41	600371	50.681	ug/l	100
15) Acrylonitrile	3.13	53	1029010	253.658	ug/l	99
16) Acetone	2.43	43	860773	218.974	ug/l	100
17) Carbon Disulfide	2.56	76	884821	47.549	ug/l	99
18) Methyl Acetate	2.76	43	571706	52.229	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	2551528	117.991	ug/l #	80
20) Methylene Chloride	2.84	84	363985	48.197	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	347960	48.931	ug/l	97
22) Diisopropyl ether	3.84	45	1183205	51.872	ug/l	97
23) Vinyl Acetate	3.80	43	4886845	257.532	ug/l	100
24) 1,1-Dichloroethane	3.69	63	625506	50.163	ug/l	99
25) 2-Butanone	4.65	43	1419433	242.965	ug/l	100
26) 2,2-Dichloropropane	4.57	77	477028	46.237	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	403541	49.414	ug/l	98
28) Bromochloromethane	5.00	49	253583	51.461	ug/l	99
29) Tetrahydrofuran	5.11	42	918746	255.102	ug/l	99
30) Chloroform	5.20	83	656483	51.912	ug/l	99
31) Cyclohexane	5.58	56	901308	76.633	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	519546	49.163	ug/l	100
36) 1,1-Dichloropropene	5.79	75	473880	49.503	ug/l	100
37) Ethyl Acetate	4.82	43	556064	51.779	ug/l	99
38) Carbon Tetrachloride	5.78	117	443761	50.274	ug/l	99

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 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	998881	84.416	ug/l	99
40) Benzene	6.14	78	25427260	872.127	ug/l #	86
41) Methacrylonitrile	5.03	41	310166	52.664	ug/l	98
42) 1,2-Dichloroethane	6.18	62	483947	48.671	ug/l	96
43) Isopropyl Acetate	6.42	43	5944954	336.251	ug/l #	28
44) Trichloroethene	7.21	130	385178	48.137	ug/l	96
45) 1,2-Dichloropropane	7.51	63	373405	51.189	ug/l	98
46) Dibromomethane	7.65	93	239705	48.383	ug/l	96
47) Bromodichloromethane	7.89	83	463380	49.475	ug/l	98
48) Methyl methacrylate	7.76	41	493744	57.477	ug/l	93
49) 1,4-Dioxane	7.73	88	168519	876.404	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2848070	256.094	ug/l	100
52) Toluene	8.78	92	5570311	307.539	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	535822	50.261	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	598902	51.421	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	356085	48.785	ug/l	99
56) Ethyl methacrylate	9.17	69	643838	54.865	ug/l	100
57) 1,3-Dichloropropane	9.37	76	620107	49.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	38159	8.294	ug/l	95
59) 2-Hexanone	9.49	43	2157200	248.706	ug/l	100
60) Dibromochloromethane	9.58	129	389414	51.409	ug/l	100
61) 1,2-Dibromoethane	9.67	107	390277	50.064	ug/l	100
64) Tetrachloroethene	9.33	164	331400	45.978	ug/l	97
65) Chlorobenzene	10.14	112	980777	48.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	361816	50.211	ug/l	100
67) Ethyl Benzene	10.24	91	15822142	458.841	ug/l #	58
68) m/p-Xylenes	10.35	106	18969353	1436.860	ug/l #	1
69) o-Xylene	10.70	106	9951279	772.866	ug/l	63
70) Styrene	10.71	104	1700954	78.532	ug/l #	5
71) Bromoform	10.85	173	297737	49.937	ug/l #	100
73) Isopropylbenzene	11.01	105	2796961	81.984	ug/l	100
74) N-amyl acetate	10.89	43	800987	51.253	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	584545	49.407	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	670990	61.339	ug/l	88
77) Bromobenzene	11.25	156	446280	48.422	ug/l	99
78) n-propylbenzene	11.35	91	3932931	103.270	ug/l	100
79) 2-Chlorotoluene	11.51	91	1828402	80.034	ug/l	77
80) 1,3,5-Trimethylbenzene	11.50	105	6416752	229.489	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	197089	49.292	ug/l	97
82) 4-Chlorotoluene	11.51	91	1828402	69.101	ug/l	83
83) tert-Butylbenzene	11.77	119	1409384	49.597	ug/l	98
84) 1,2,4-Trimethylbenzene	11.67	105	5852591	206.239	ug/l	78
85) sec-Butylbenzene	11.94	105	1651510	50.881	ug/l	98
86) p-Isopropyltoluene	12.06	119	1548644	51.287	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	779270	48.505	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	783494	47.879	ug/l	100
89) n-Butylbenzene	12.38	91	1724766	66.971	ug/l #	70
90) Hexachloroethane	12.59	117	489134	89.619	ug/l	54
91) 1,2-Dichlorobenzene	12.38	146	757394	47.714	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	155098	60.199	ug/l	84

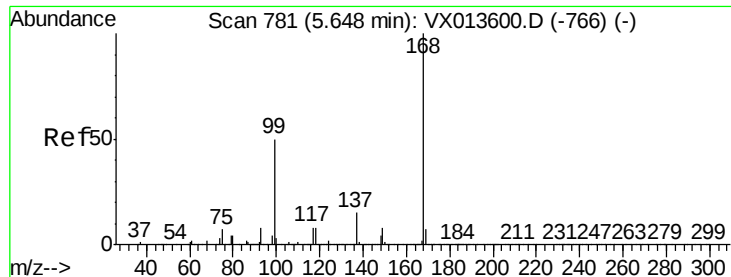
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	549531	49.674	ug/l	97
94) Hexachlorobutadiene	13.78	225	197343	37.134	ug/l	99
95) Naphthalene	13.83	128	10206948	309.812	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	534538	48.800	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

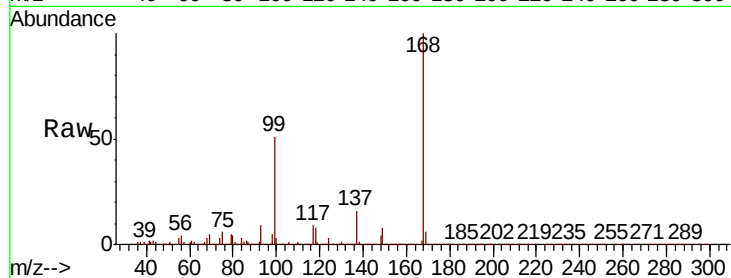
ClientSampleId :

Tot Ion:168 Resp: 685921

Ion Ratio Lower Upper

168 100

99 51.0 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

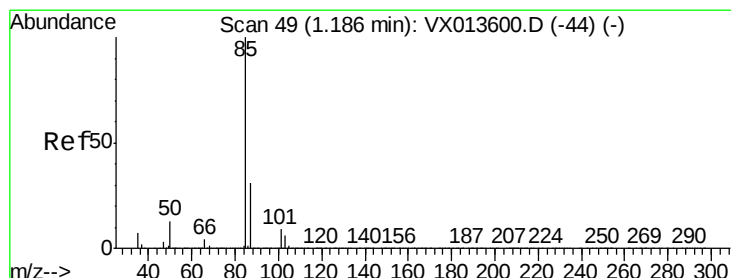
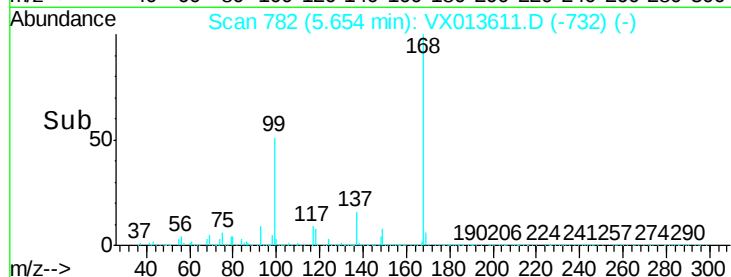
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.170 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013611.D

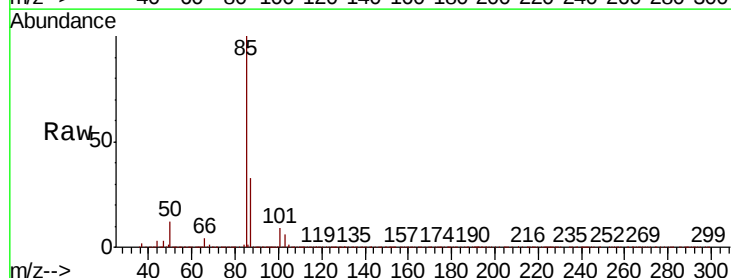
Acq: 26 Nov 2019 20:06

Tgt Ion: 85 Resp: 398299

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

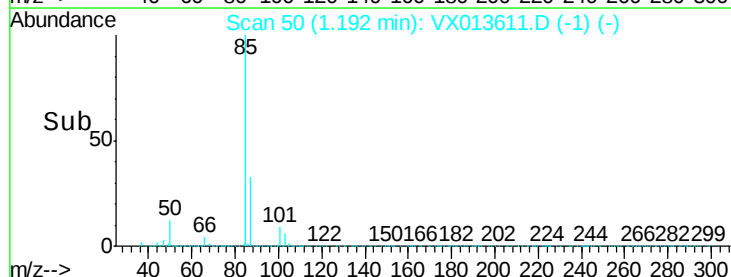
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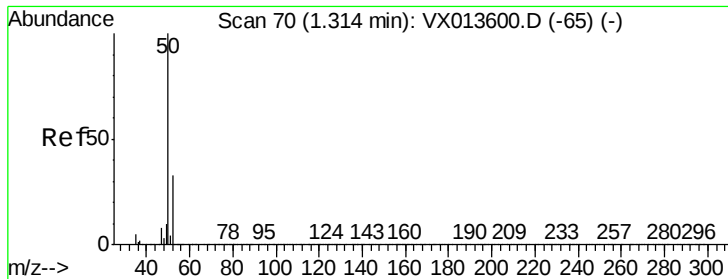
200000

100000

0

Time-->





#3

Chloromethane

Concen: 50.998 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

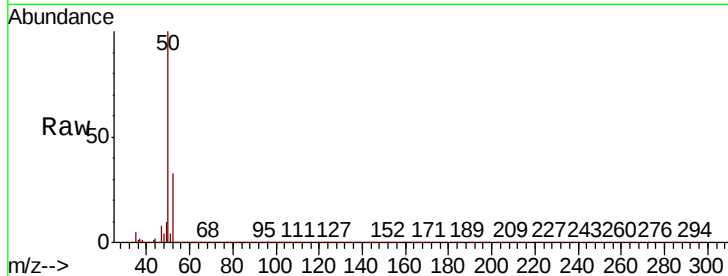
ClientSampleId :

Tot Ion: 50 Resp: 436884

Ion Ratio Lower Upper

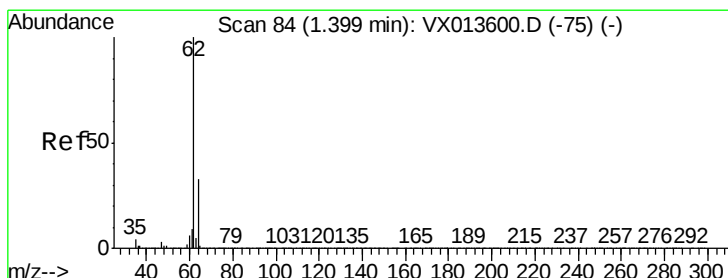
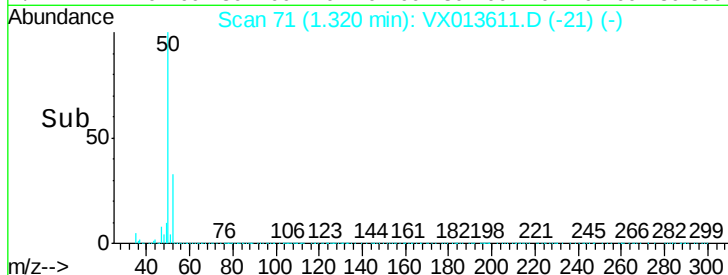
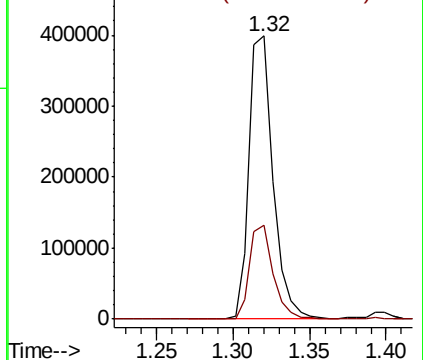
50 100

52 33.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.076 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013611.D

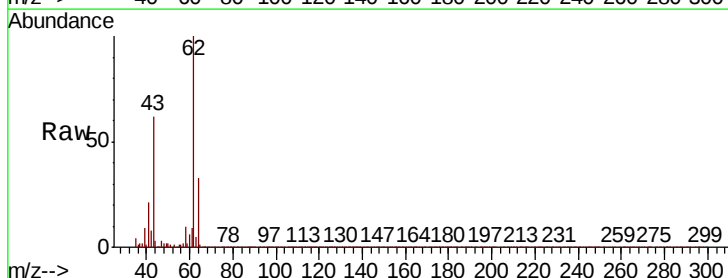
Acq: 26 Nov 2019 20:06

Tgt Ion: 62 Resp: 502120

Ion Ratio Lower Upper

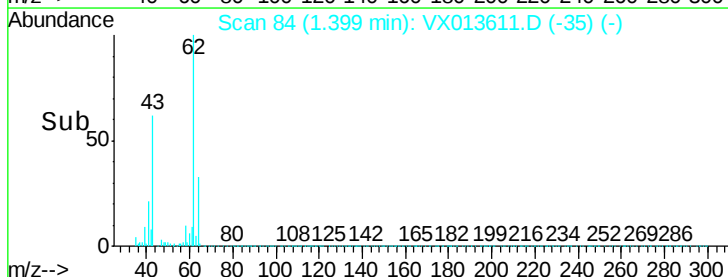
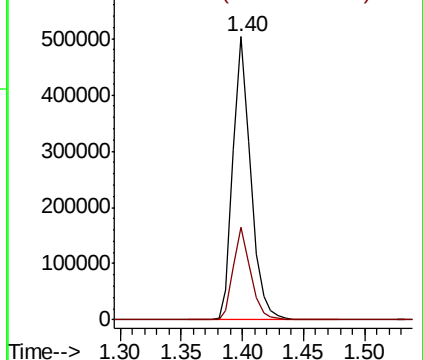
62 100

64 32.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.609 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

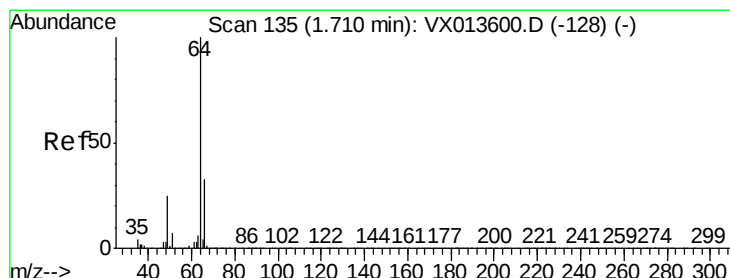
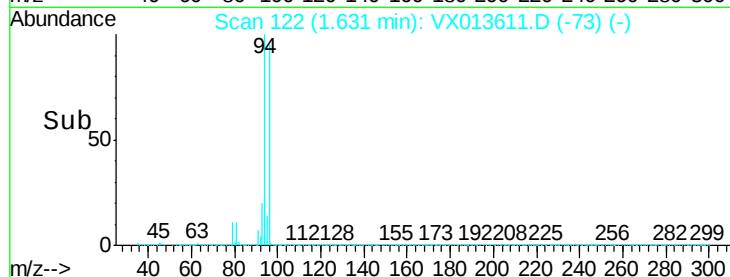
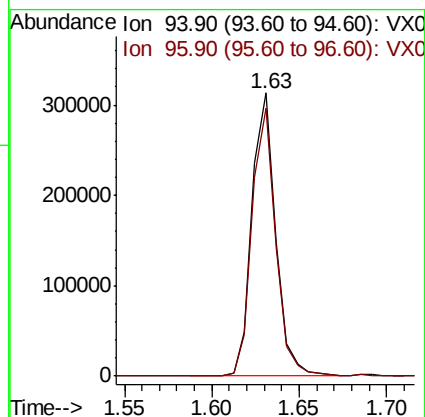
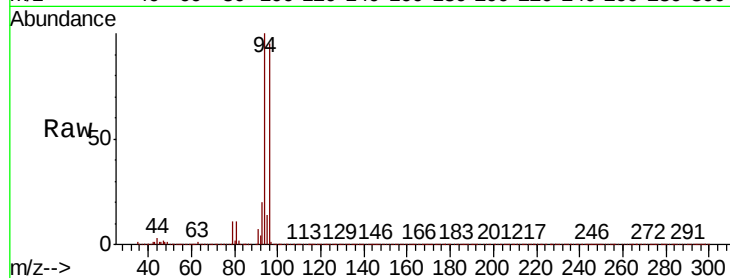
ClientSampleId :

Tot Ion: 94 Resp: 295330

Ion Ratio Lower Upper

94 100

96 94.8 77.0 115.4



#6

Chloroethane

Concen: 48.497 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013611.D

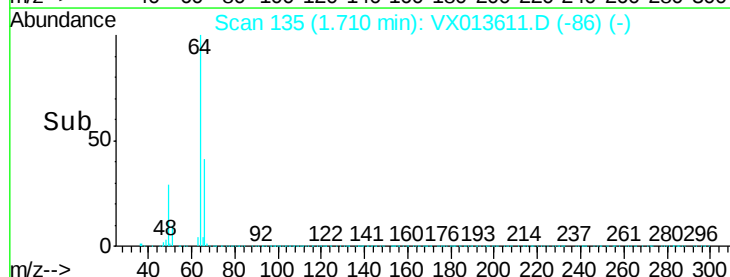
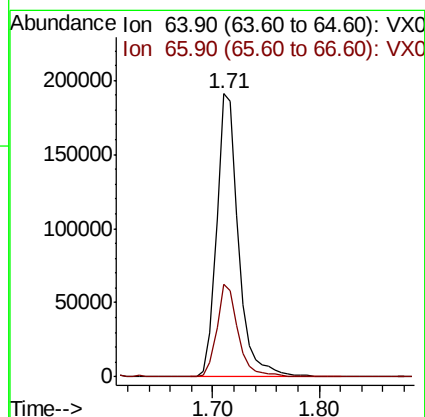
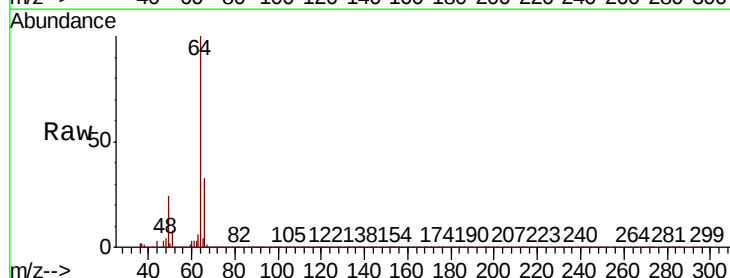
Acq: 26 Nov 2019 20:06

Tgt Ion: 64 Resp: 266092

Ion Ratio Lower Upper

64 100

66 32.7 26.7 40.1



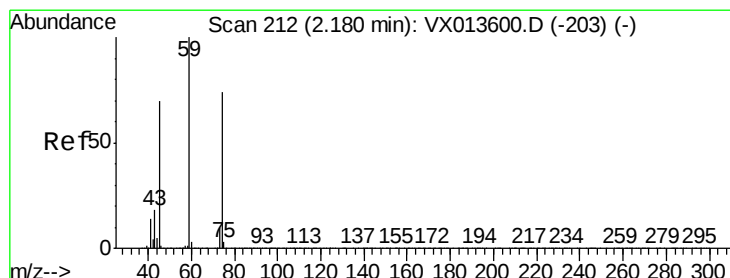
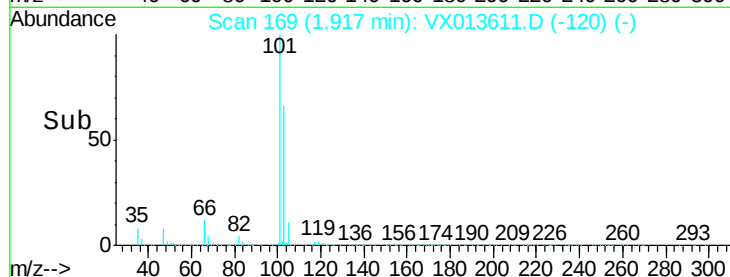
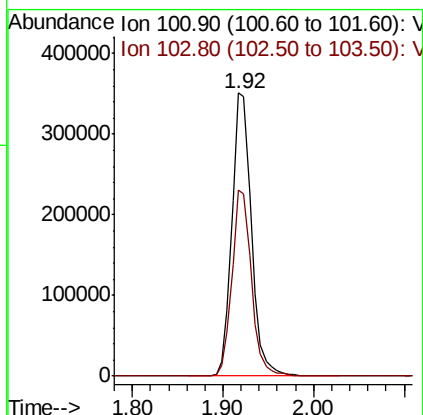
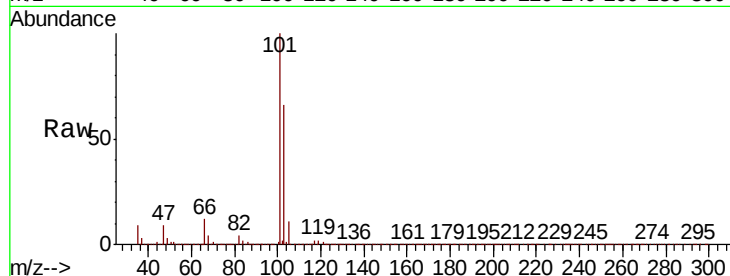


#7

Trichlorofluoromethane
Concen: 48.937 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :

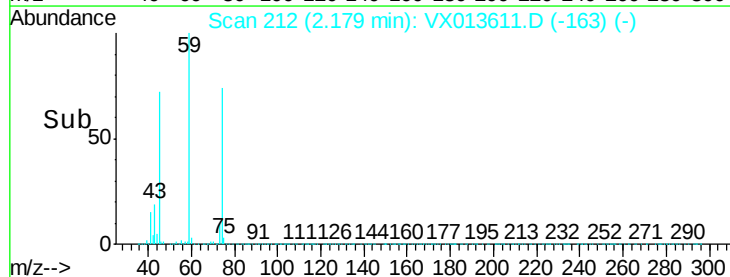
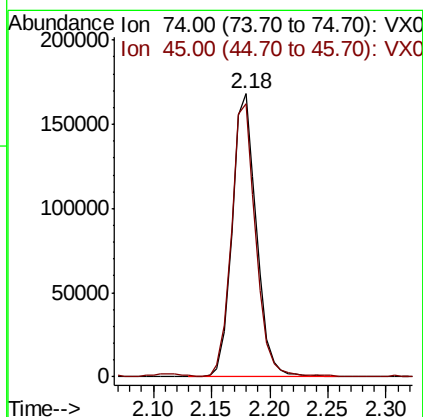
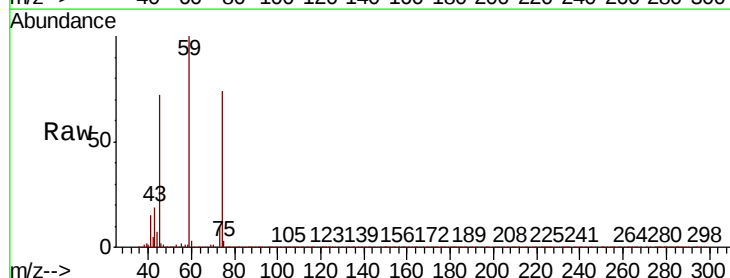
Tot Ion:101 Resp: 523948
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.6

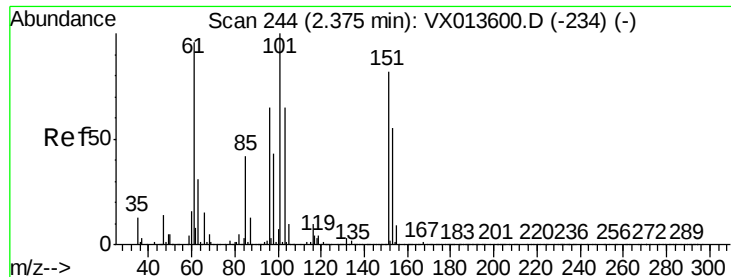


#8

Diethyl Ether
Concen: 49.932 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion: 74 Resp: 241856
Ion Ratio Lower Upper
74 100
45 97.1 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.974 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013611.D

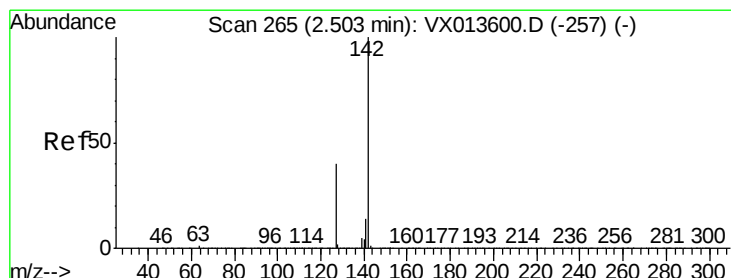
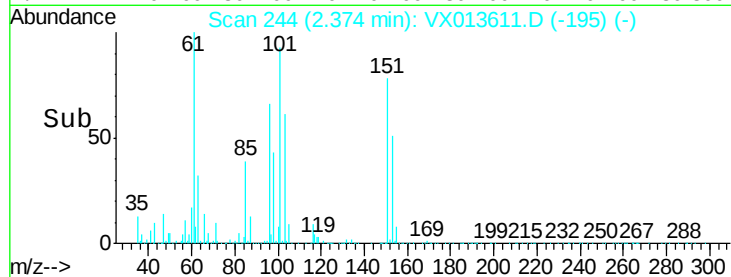
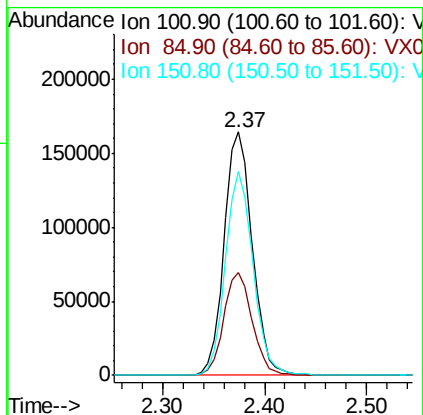
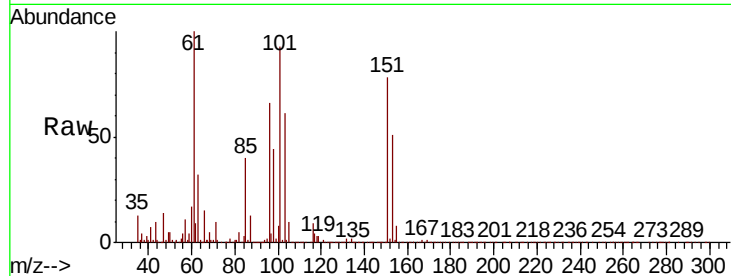
Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	313734
Ion	Ratio	Lower	Upper
101	100		
85	42.6	33.9	50.9
151	82.4	64.2	96.2



#10

Methyl Iodide

Concen: 51.444 ug/l

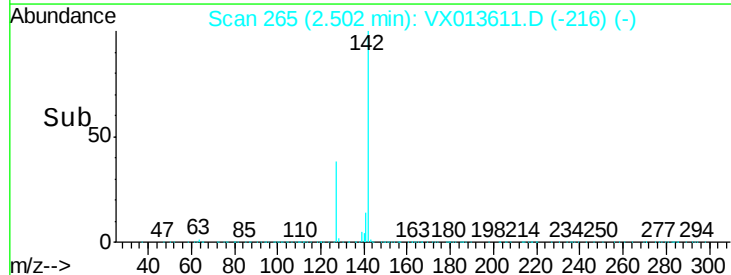
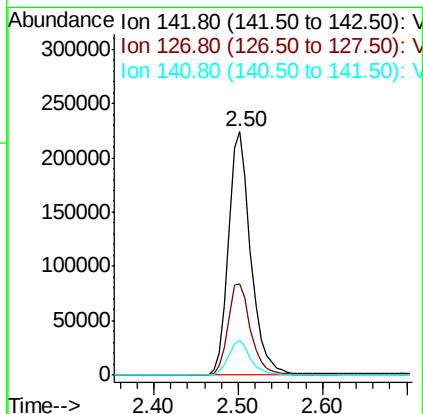
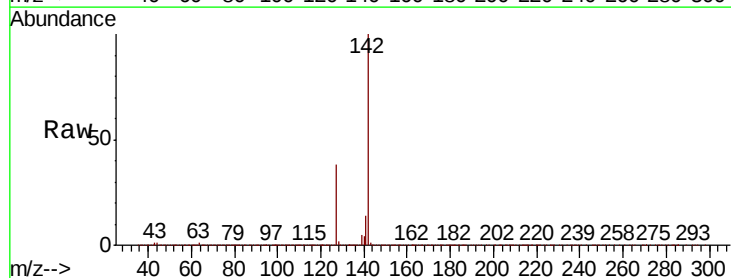
RT: 2.50 min Scan# 265

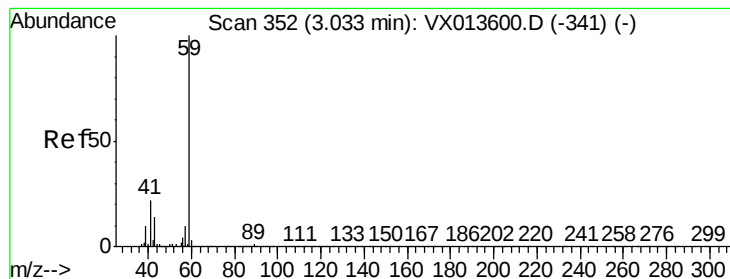
Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Tgt Ion:	142	Resp:	406966
Ion	Ratio	Lower	Upper
142	100		
127	38.2	31.0	46.4
141	14.3	11.6	17.4



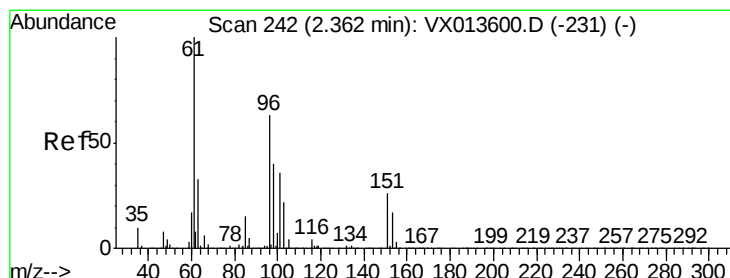
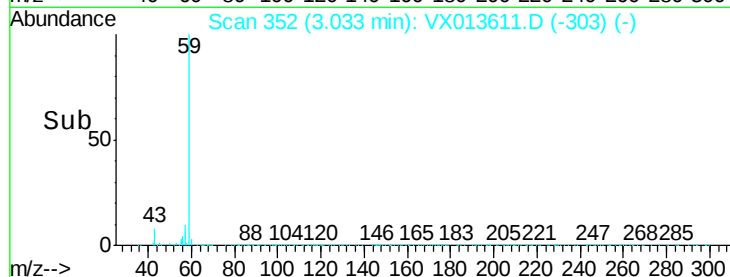
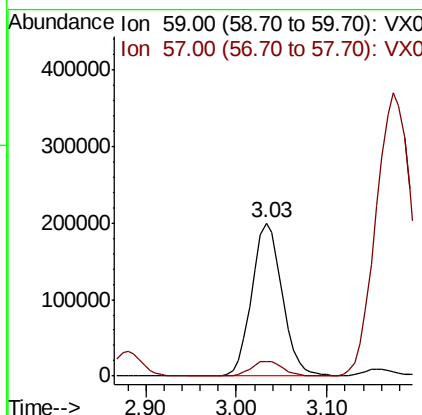
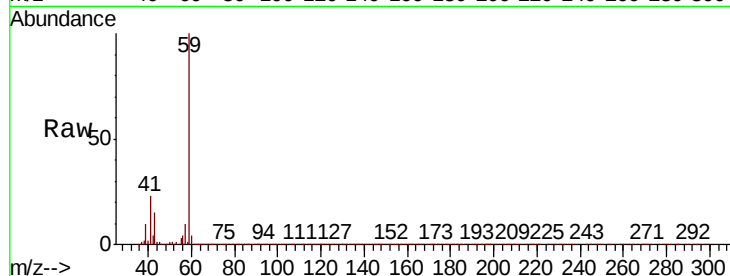


#11

Tert butyl alcohol
 Concen: 236.933 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

Instrument :
 MSVOA_X
 ClientSampleId :

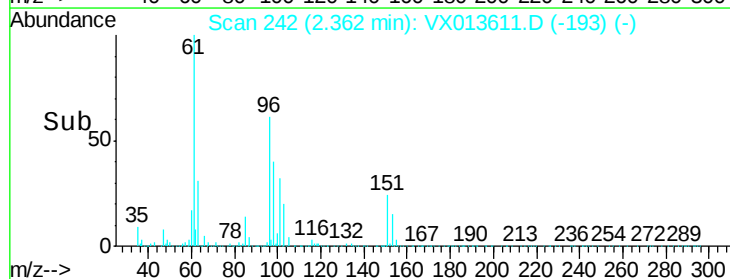
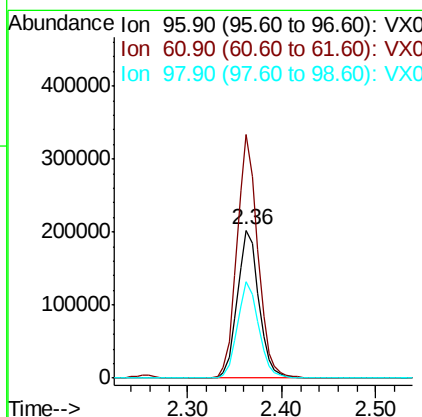
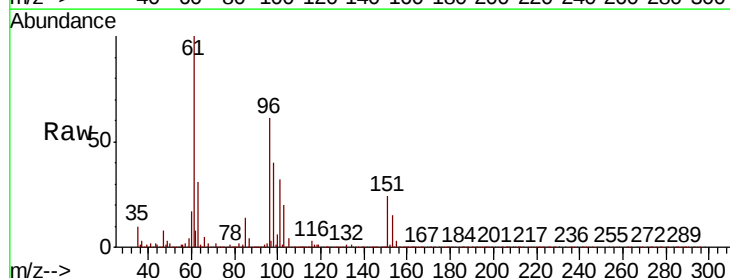
Tot Ion: 59 Resp: 465638
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.6

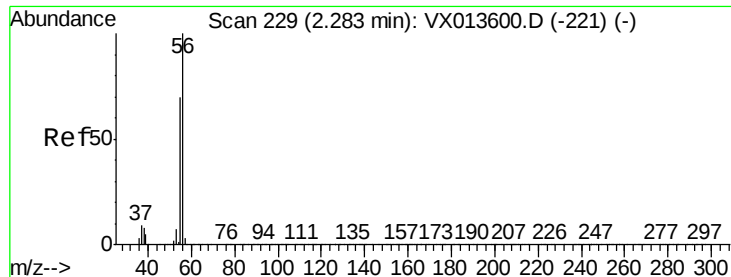


#12

1,1-Dichloroethene
 Concen: 49.474 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

Tgt Ion: 96 Resp: 322950
 Ion Ratio Lower Upper
 96 100
 61 164.8 126.6 190.0
 98 65.1 50.6 76.0





#13

Acrolein

Concen: 260.988 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

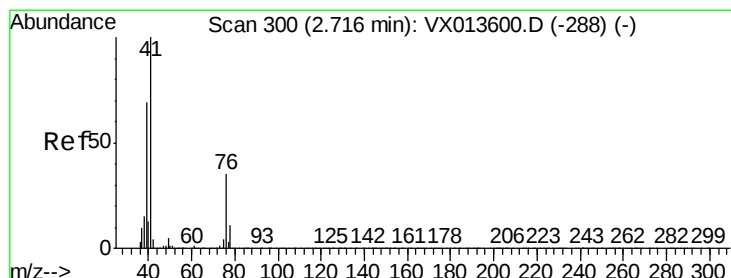
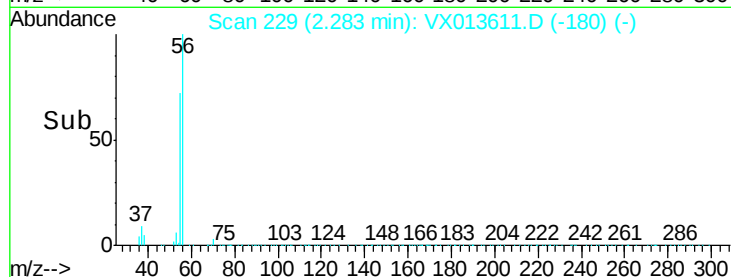
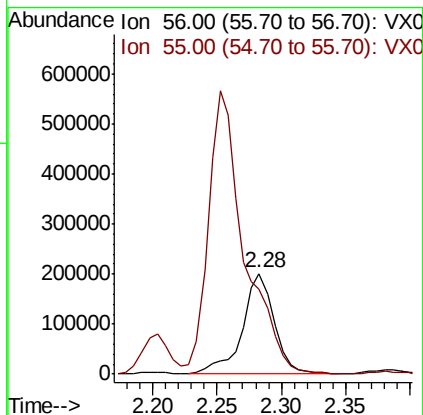
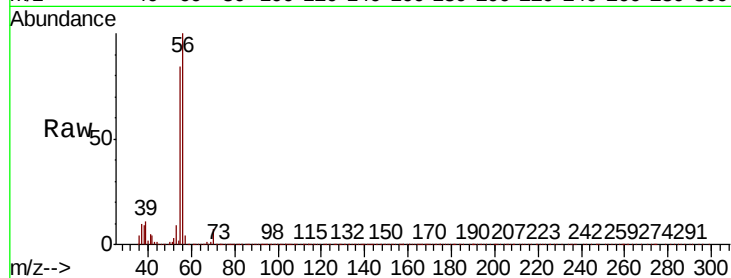
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 343377

Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.4#



#14

Allyl chloride

Concen: 50.681 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

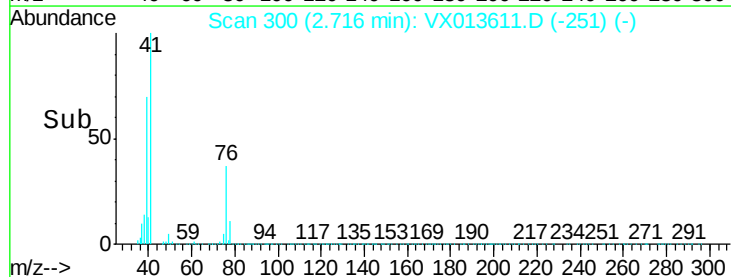
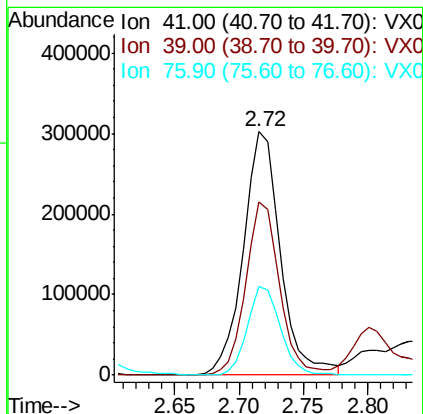
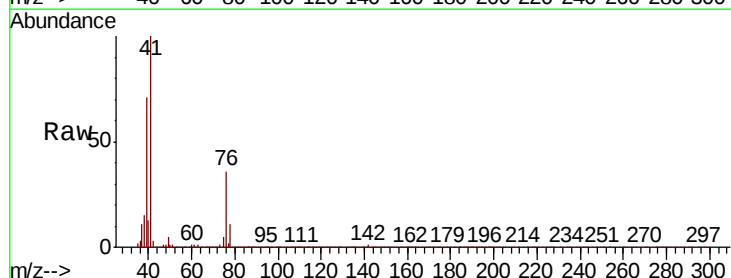
Tgt Ion: 41 Resp: 600371

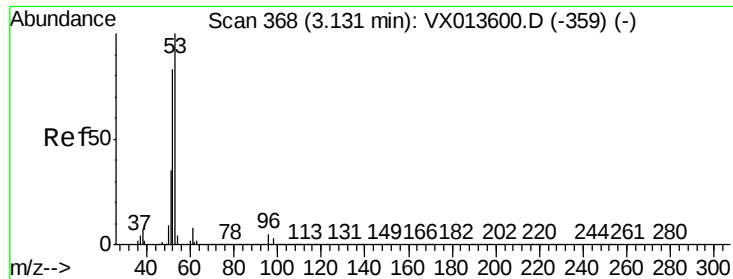
Ion Ratio Lower Upper

41 100

39 64.2 51.7 77.5

76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 253.658 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

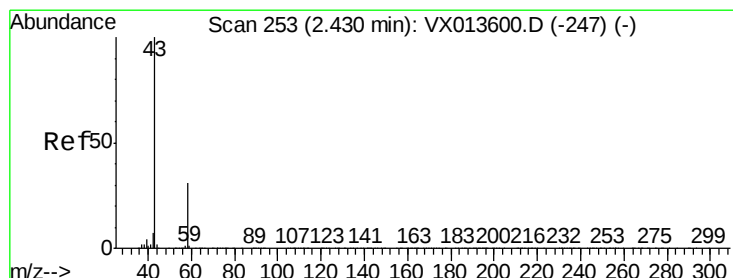
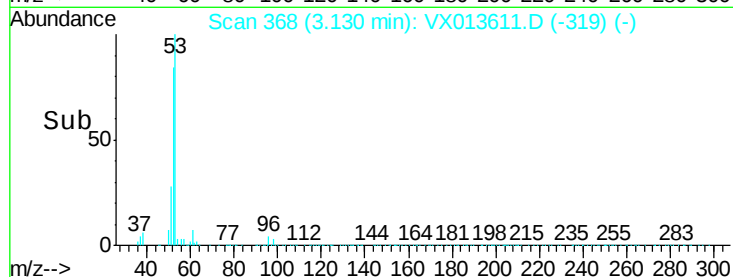
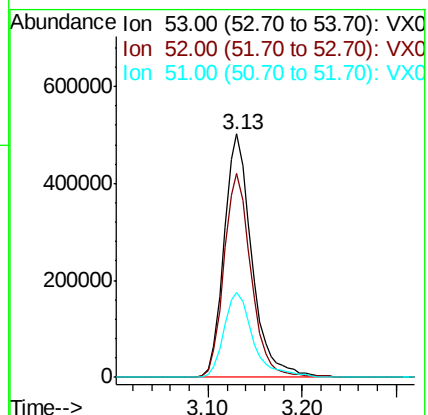
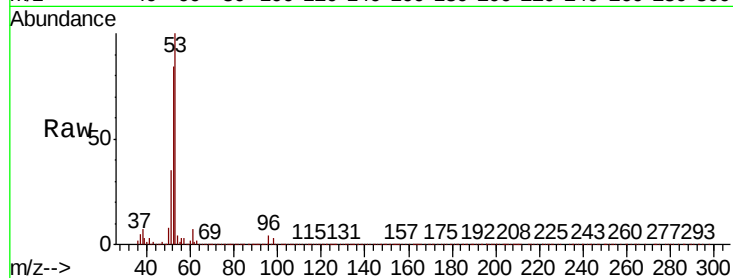
Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 1029010

Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.2
51	37.0	29.0	43.6



#16

Acetone

Concen: 218.974 ug/l

RT: 2.43 min Scan# 253

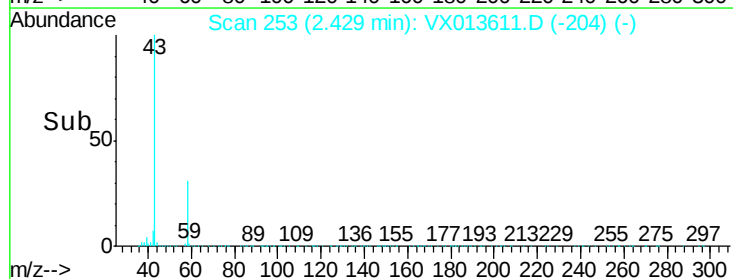
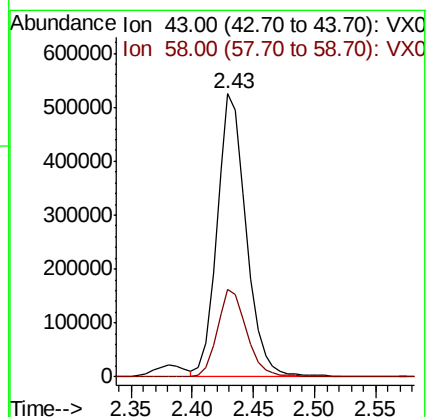
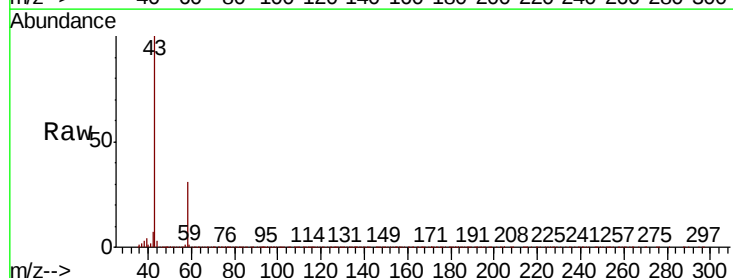
Delta R.T. -0.00 min

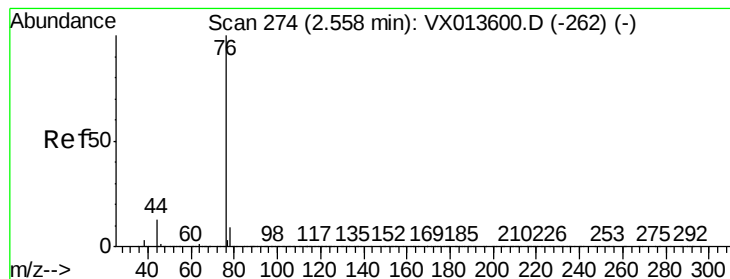
Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Tgt Ion: 43 Resp: 860773

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.6	36.8





#17

Carbon Disulfide

Concen: 47.549 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

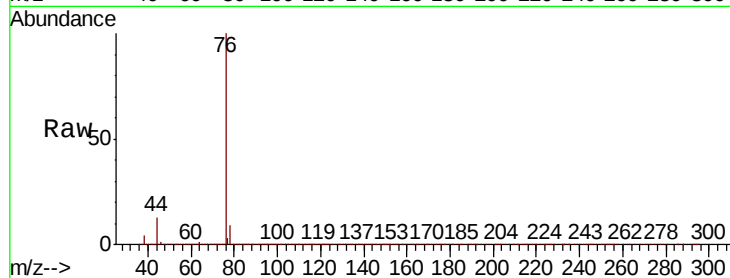
ClientSampleId :

Tot Ion: 76 Resp: 884821

Ion Ratio Lower Upper

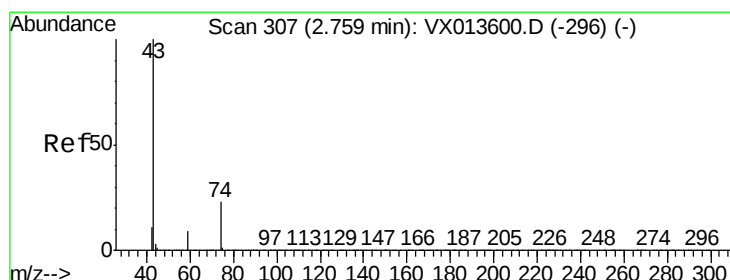
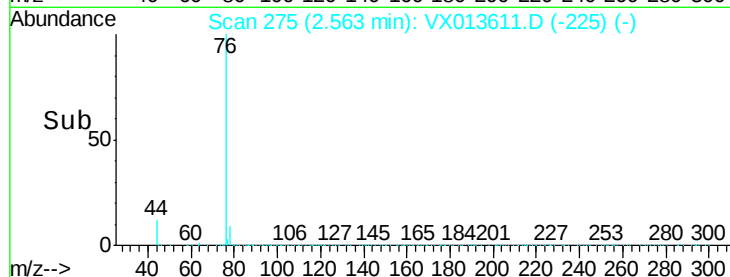
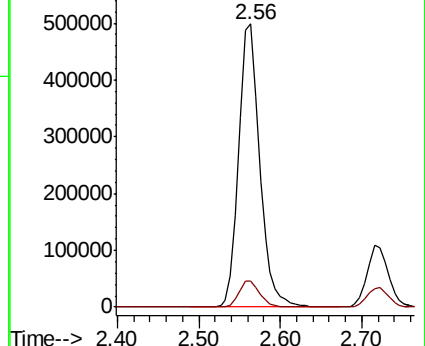
76 100

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: 52.229 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013611.D

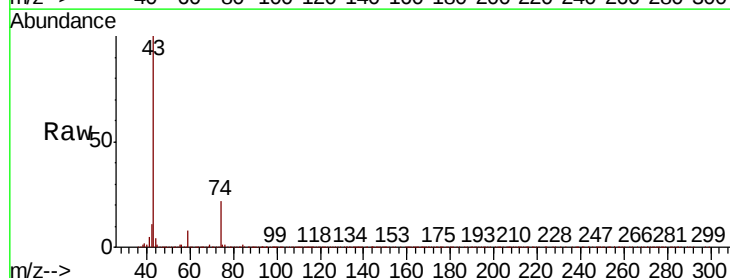
Acq: 26 Nov 2019 20:06

Tgt Ion: 43 Resp: 571706

Ion Ratio Lower Upper

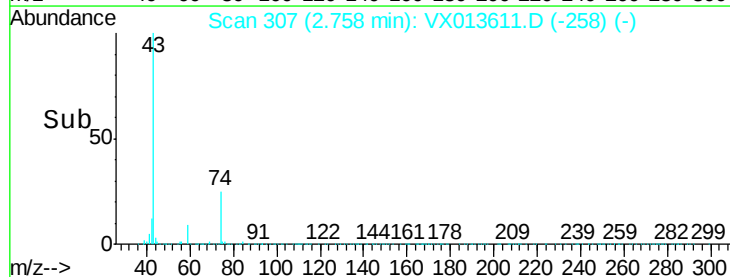
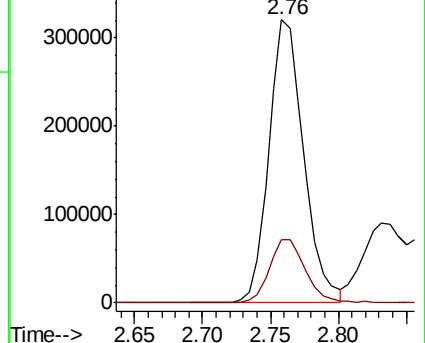
43 100

74 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

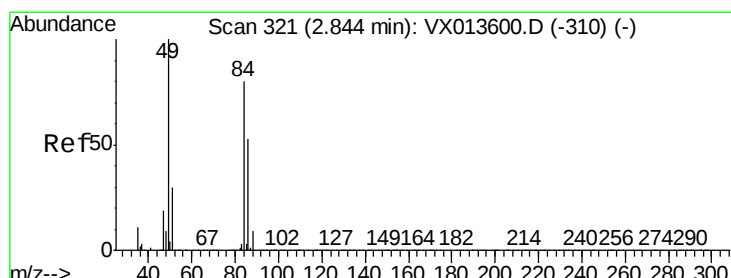
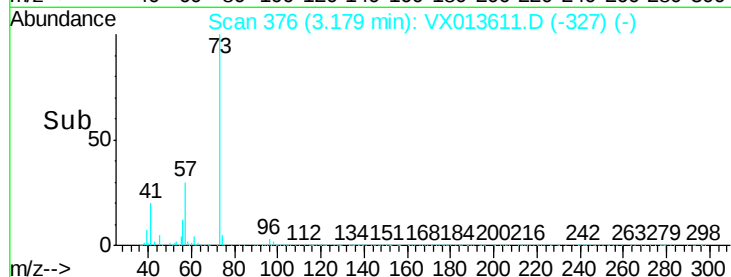
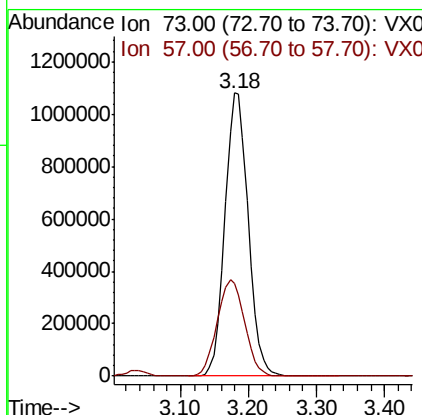
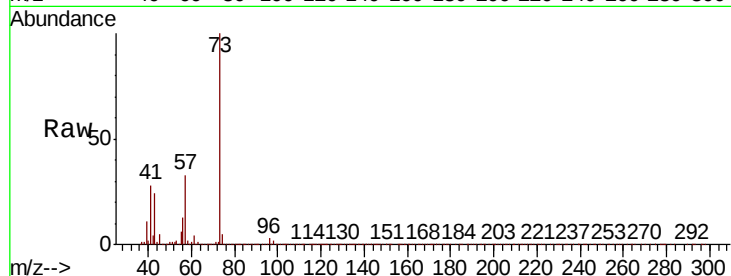




#19
Methvl tert-butvl Ether
Concen: 117.991 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

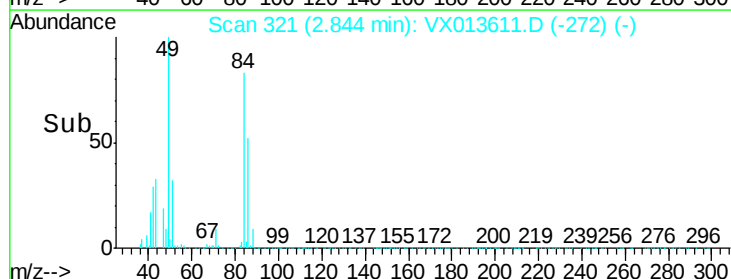
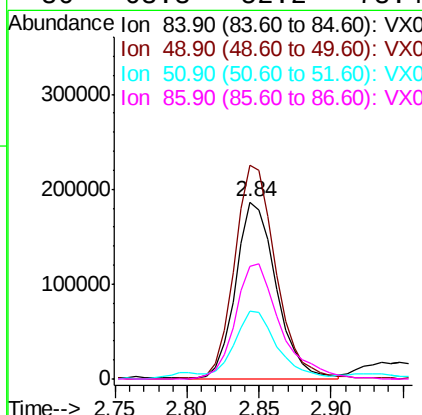
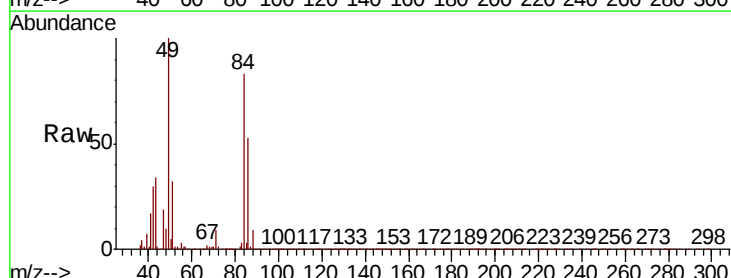
Instrument :
MSVOA_X
ClientSampleId :

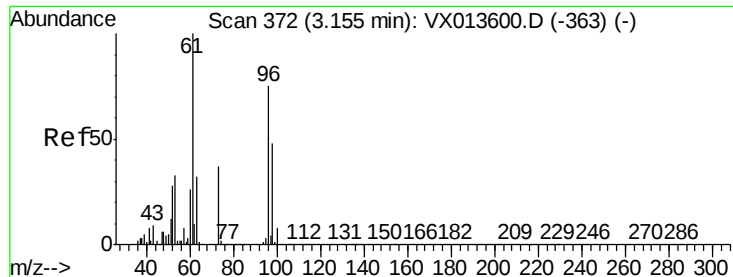
Tot Ion: 73 Resp: 2551528
Ion Ratio Lower Upper
73 100
57 32.6 18.3 27.5#



#20
Methylene Chloride
Concen: 48.197 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion: 84 Resp: 363985
Ion Ratio Lower Upper
84 100
49 120.1 99.7 149.5
51 36.7 29.9 44.9
86 63.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.931 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :

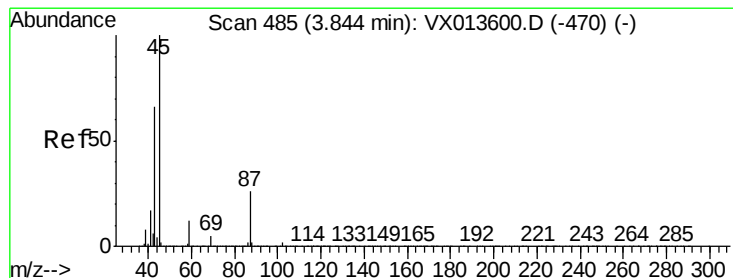
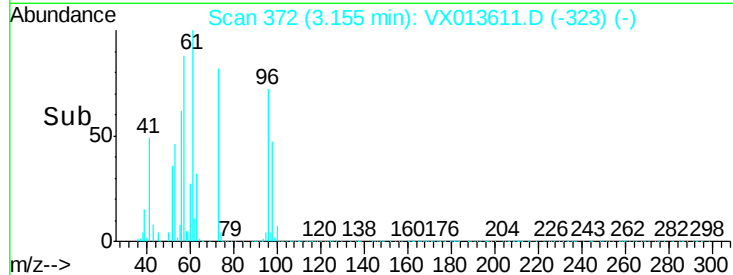
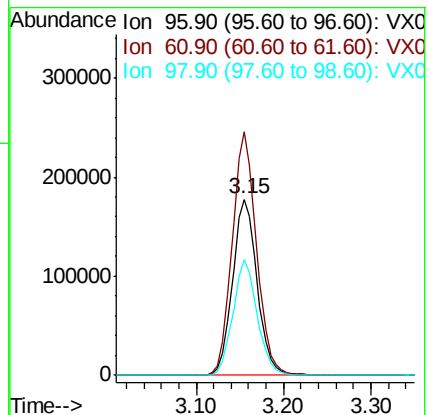
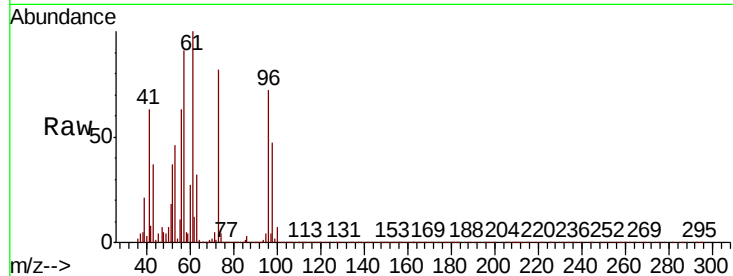
Tot Ion: 96 Resp: 347960

Ion Ratio Lower Upper

96 100

61 137.9 107.2 160.8

98 65.2 51.4 77.0



#22

Diisopropyl ether

Concen: 51.872 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Tgt Ion: 45 Resp: 1183205

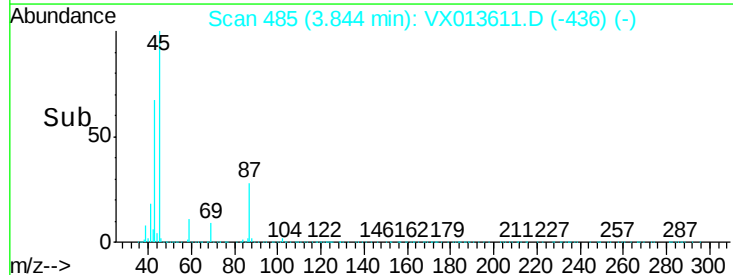
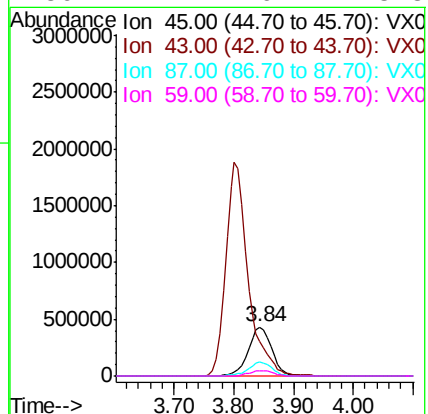
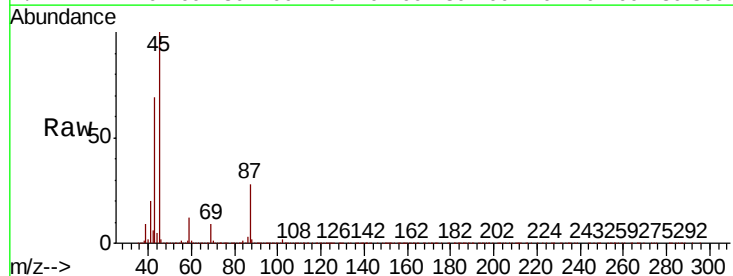
Ion Ratio Lower Upper

45 100

43 68.7 52.6 79.0

87 27.7 21.1 31.7

59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 257.532 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

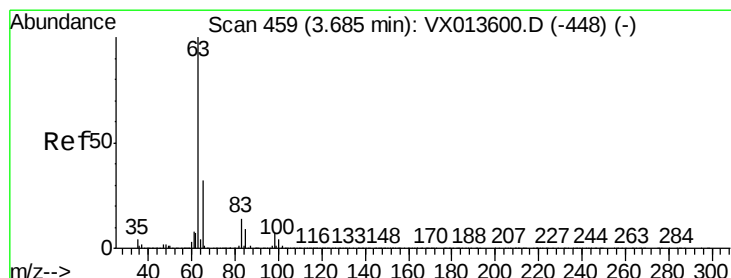
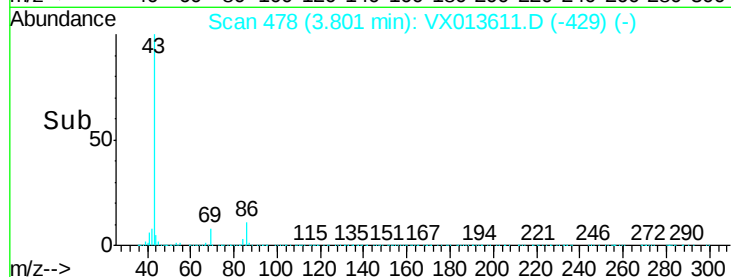
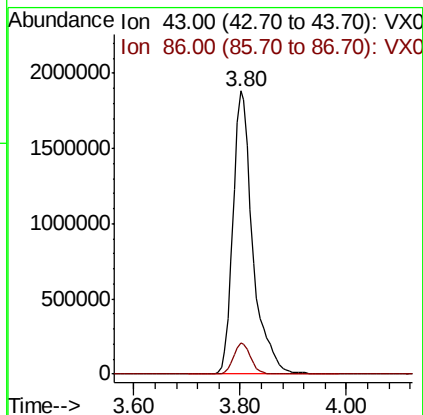
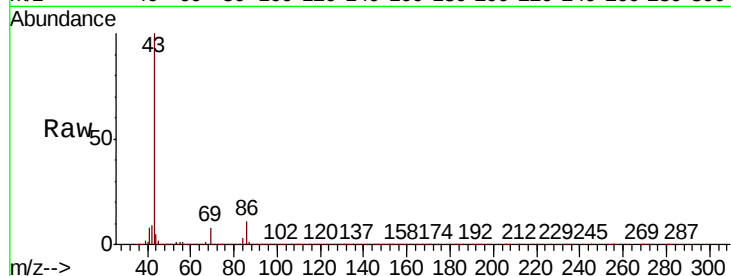
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4886845

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 50.163 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

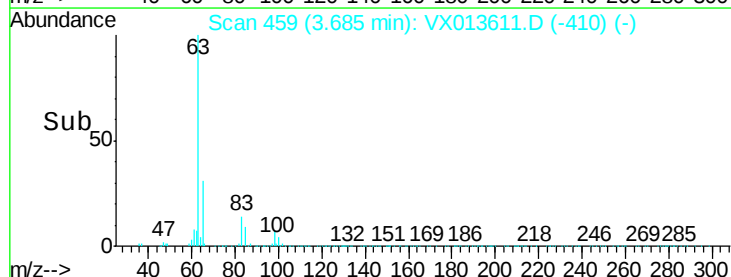
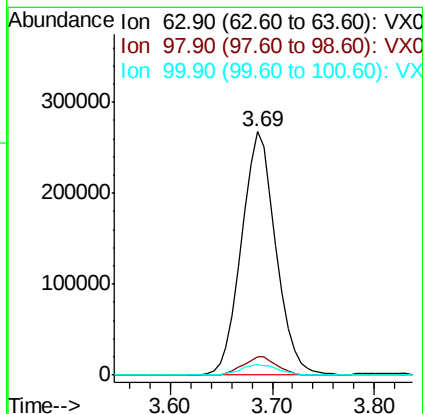
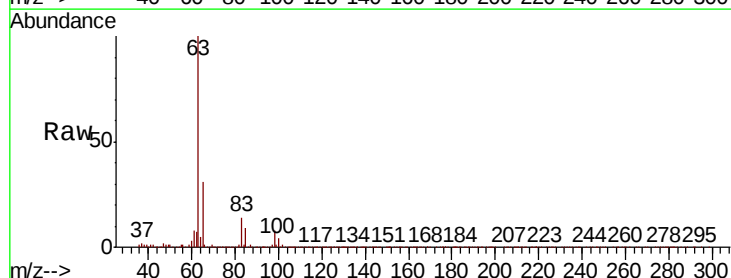
Tgt Ion: 63 Resp: 625506

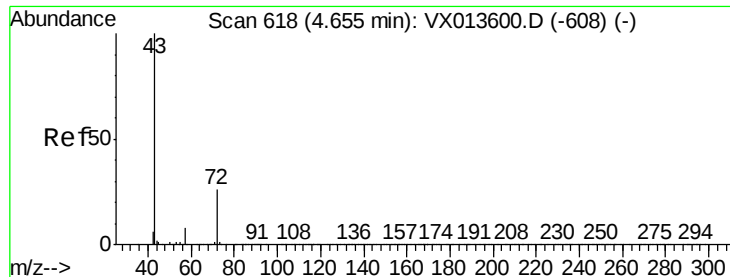
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 242.965 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

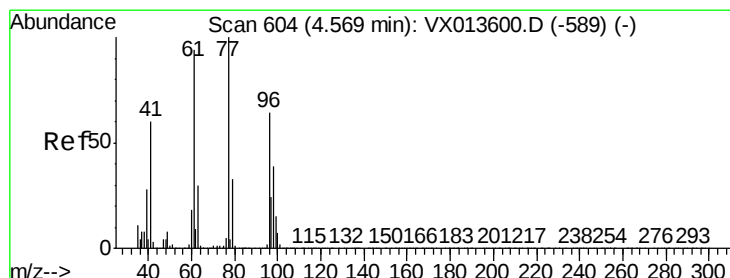
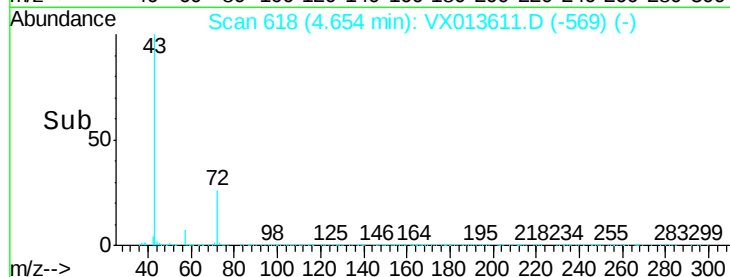
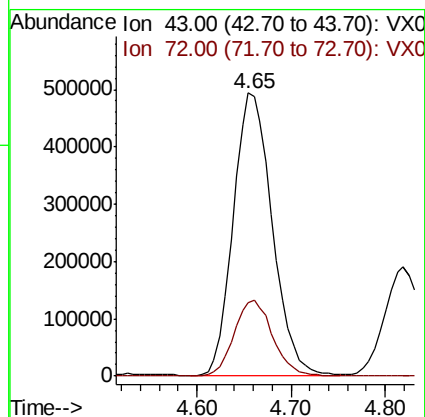
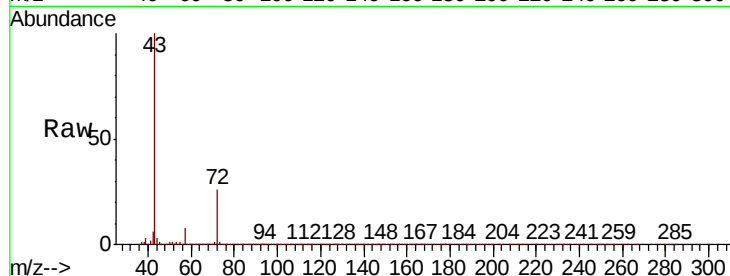
ClientSampleId :

Tot Ion: 43 Resp: 1419433

Ion Ratio Lower Upper

43 100

72 25.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 46.237 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013611.D

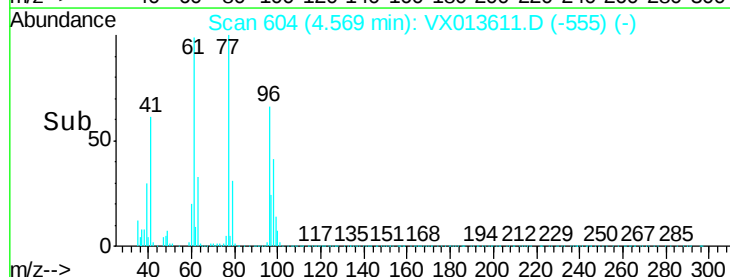
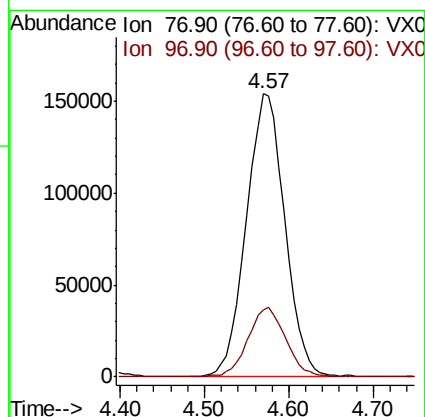
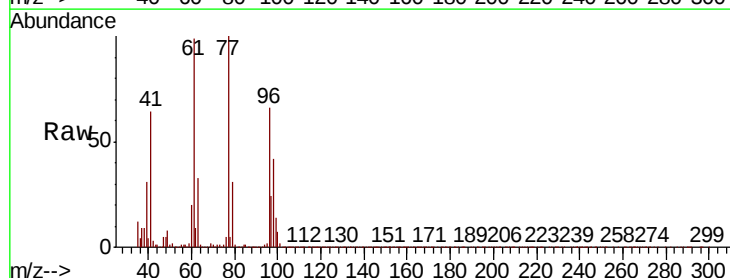
Acq: 26 Nov 2019 20:06

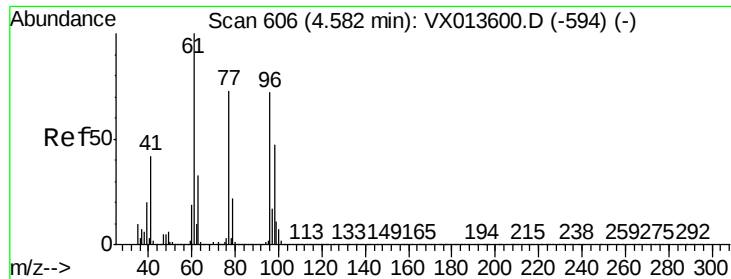
Tgt Ion: 77 Resp: 477028

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1



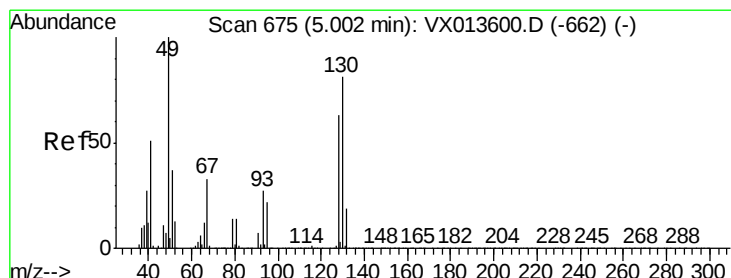
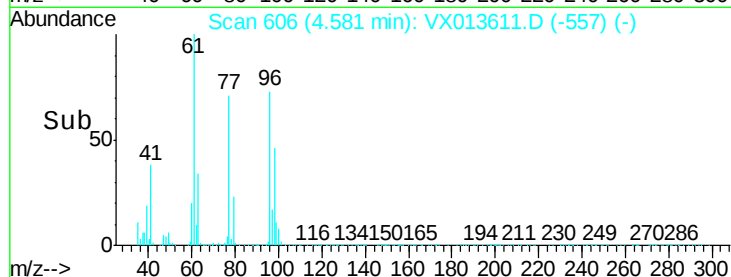
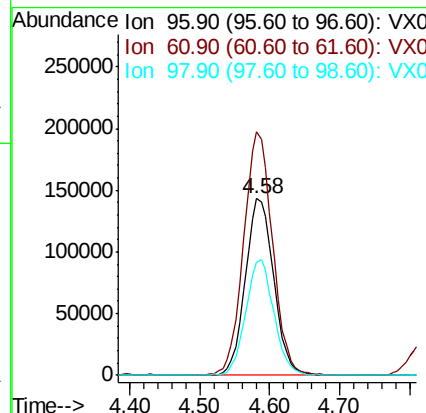
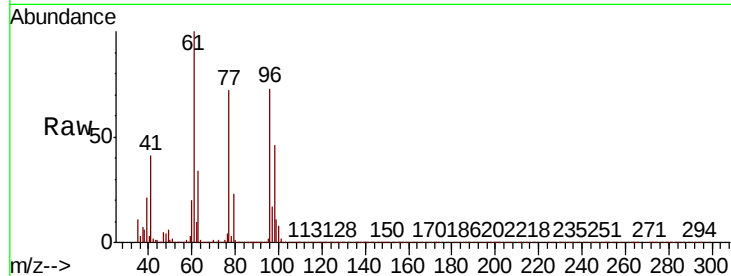


#27

cis-1,2-Dichloroethene
Concen: 49.414 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :

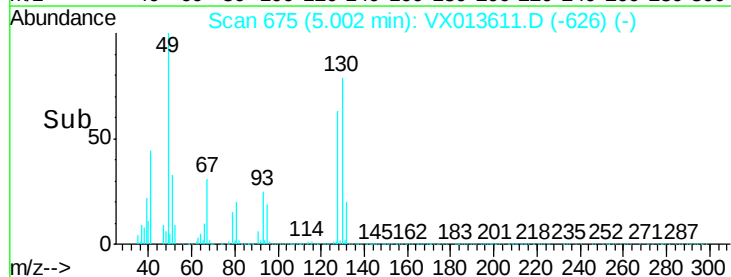
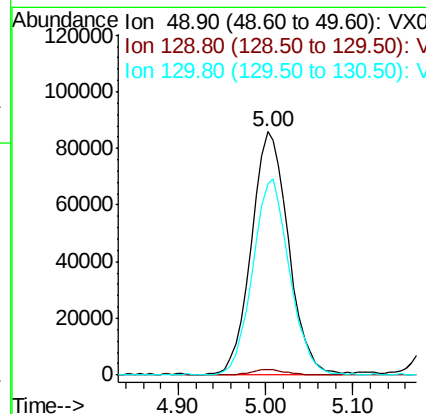
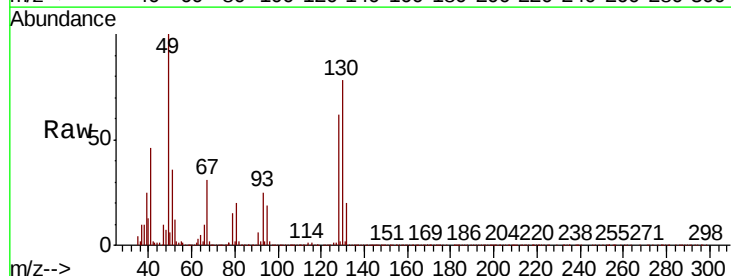
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	286.4
98	64.7	0.0	127.4

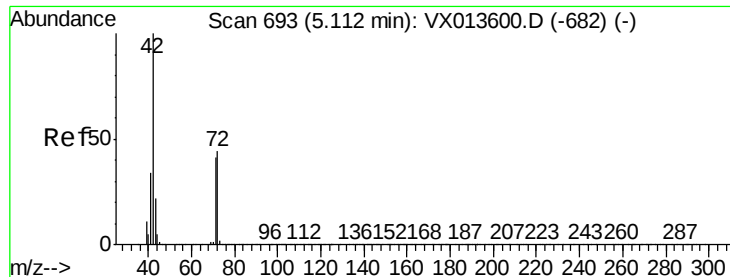


#28

Bromochloromethane
Concen: 51.461 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	80.4	65.4	98.0





#29

Tetrahydrofuran

Concen: 255.102 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

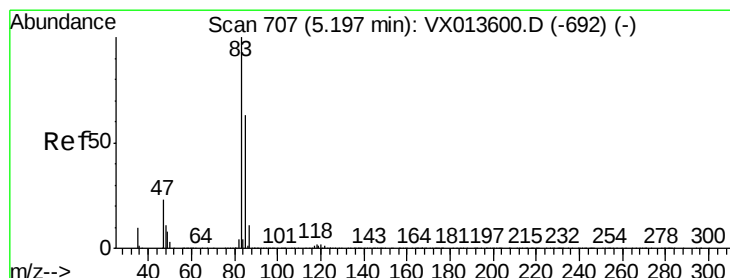
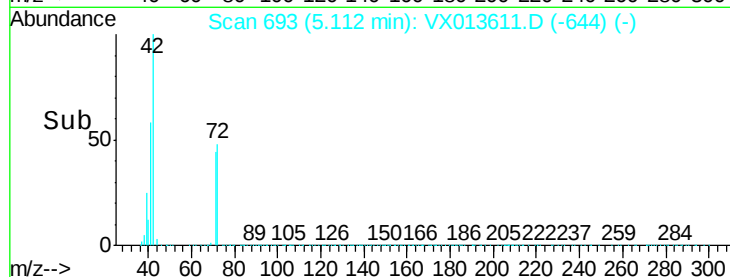
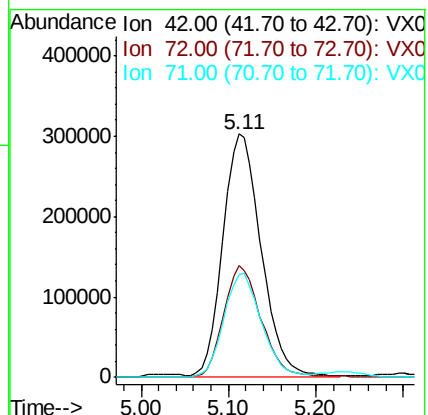
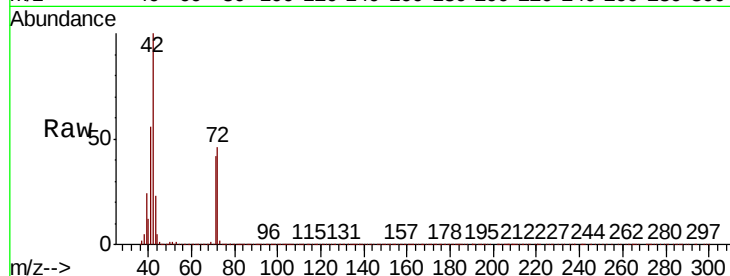
Tot Ion: 42 Resp: 918746

Ion Ratio Lower Upper

42 100

72 45.4 36.3 54.5

71 42.3 33.2 49.8



#30

Chloroform

Concen: 51.912 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013611.D

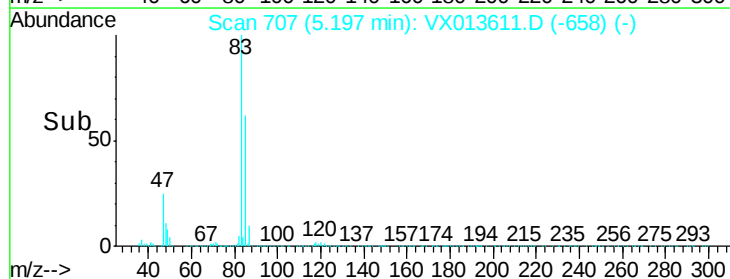
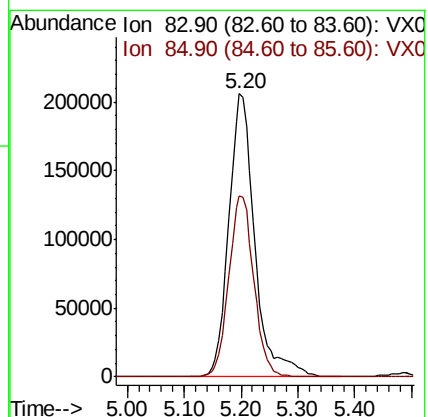
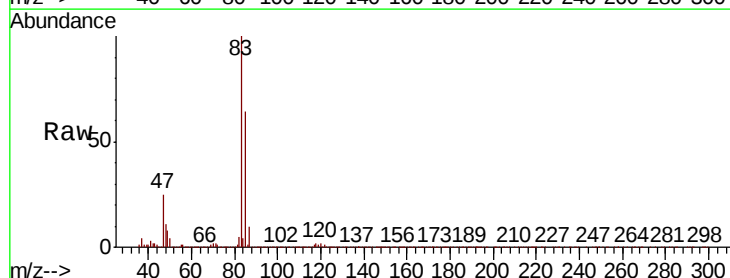
Acq: 26 Nov 2019 20:06

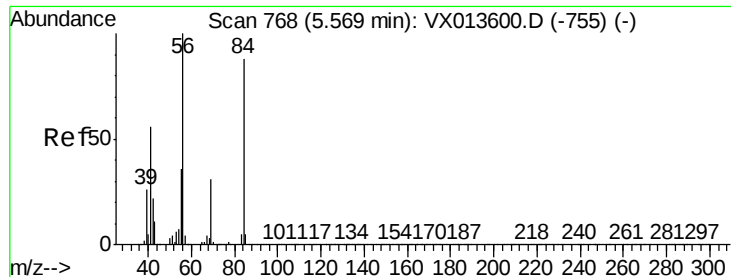
Tgt Ion: 83 Resp: 656483

Ion Ratio Lower Upper

83 100

85 63.8 50.2 75.4

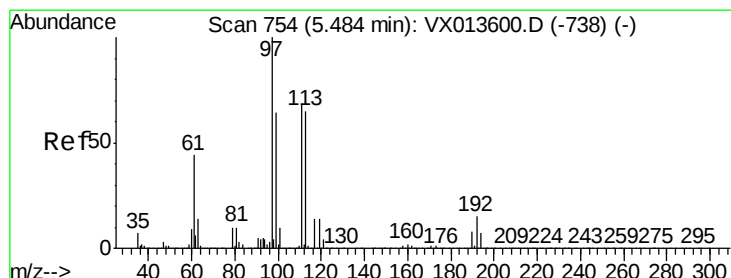
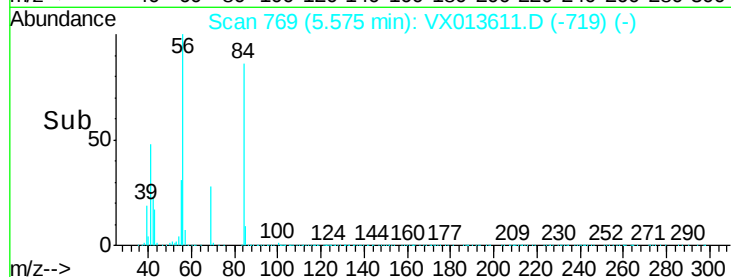
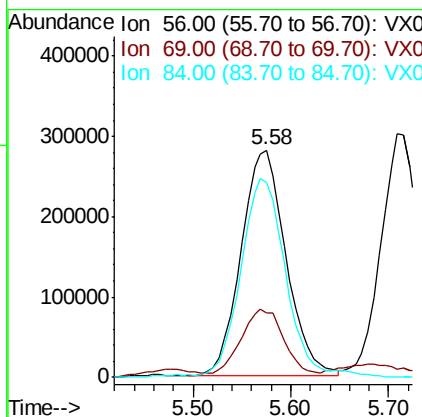
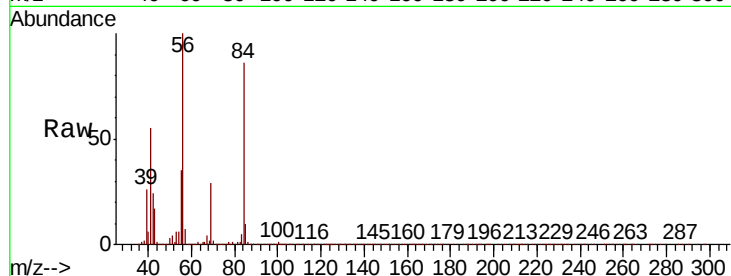




#31
Cyclohexane
Concen: 76.633 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

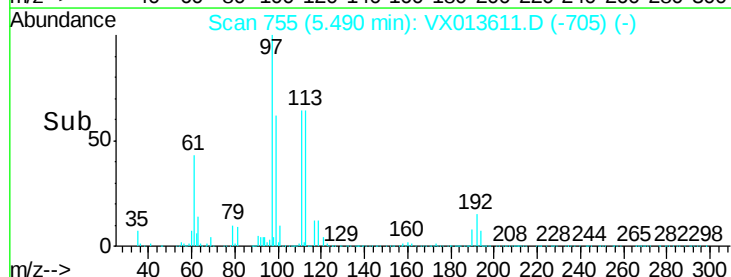
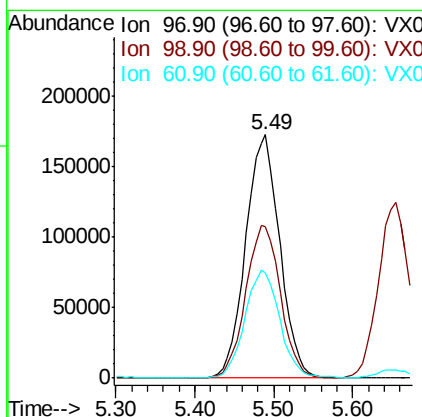
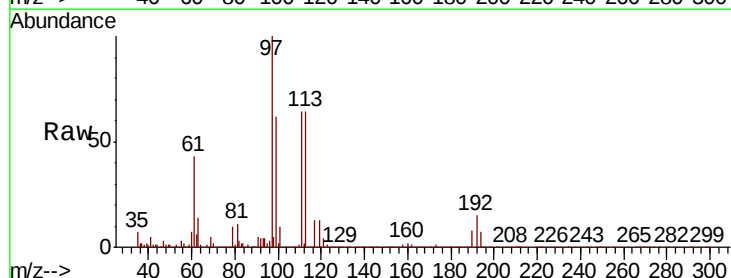
Instrument :
MSVOA_X
ClientSampleId :

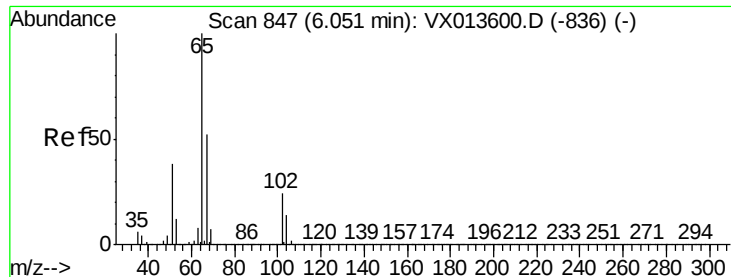
Tot Ion: 56 Resp: 901308
Ion Ratio Lower Upper
56 100
69 26.1 24.6 36.8
84 85.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.163 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion: 97 Resp: 519546
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 45.0 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.210 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

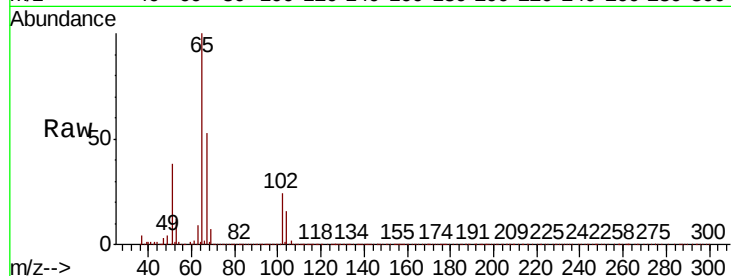
ClientSampleId :

Tot Ion: 65 Resp: 375884

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

150000

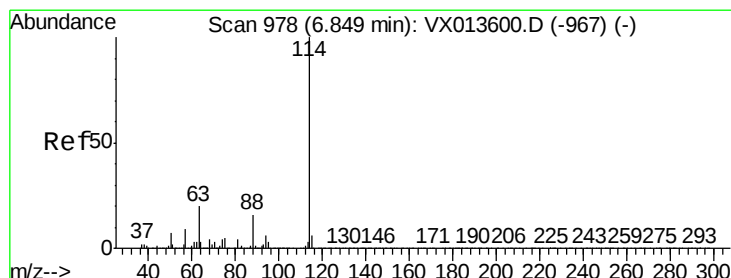
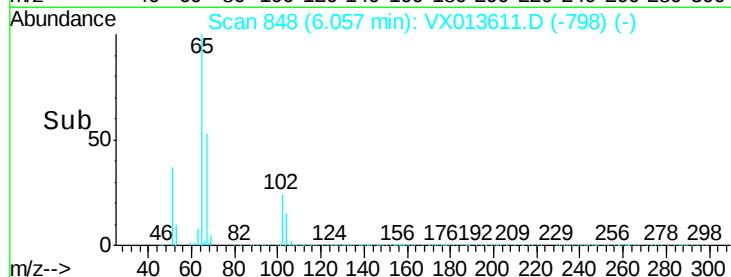
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

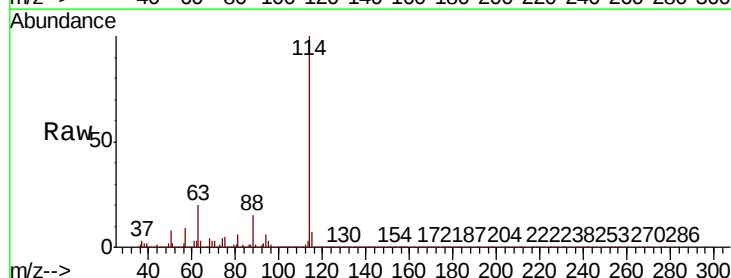
Tgt Ion: 114 Resp: 1054560

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

600000

500000

400000

300000

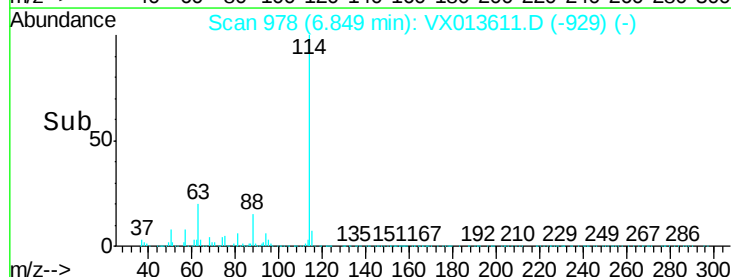
200000

100000

0

6.70 6.80 6.90 7.00 7.10

Time-->





#35

Dibromofluoromethane

Concen: 47.804 ug/l

RT: 5.49 min Scan# 755

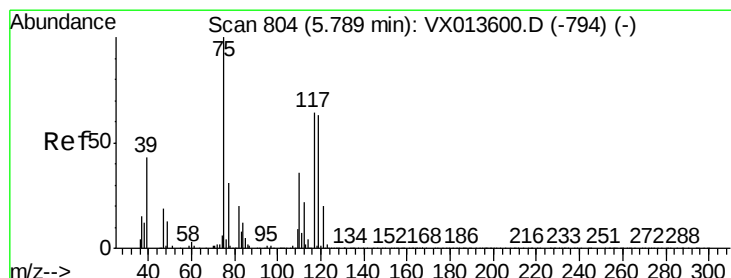
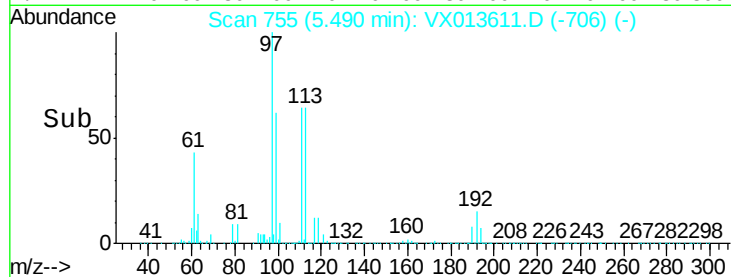
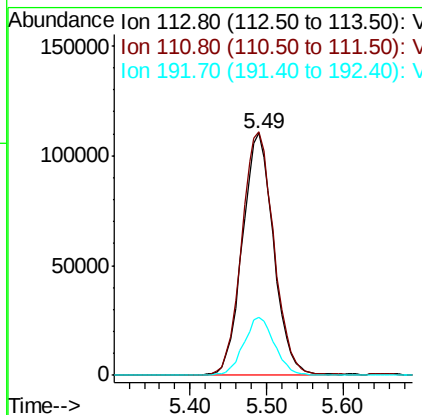
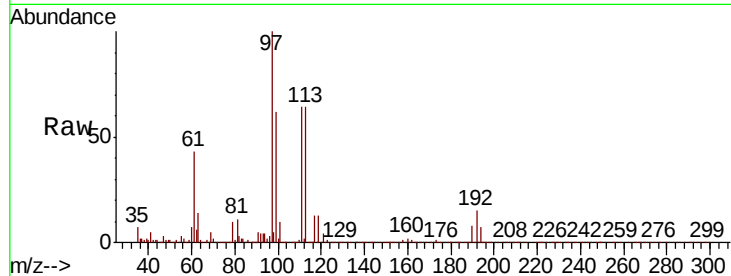
Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	113	Resp:	311651
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.6	125.4
192	23.8	19.2	28.8



#36

1,1-Dichloropropene

Concen: 49.503 ug/l

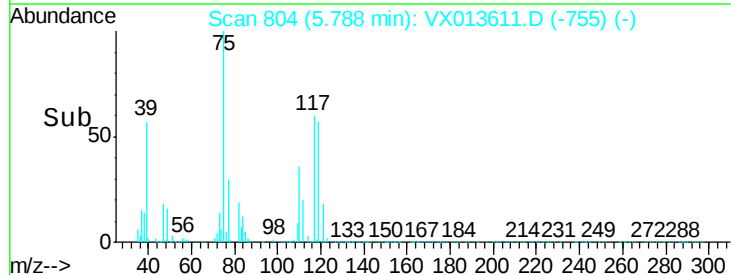
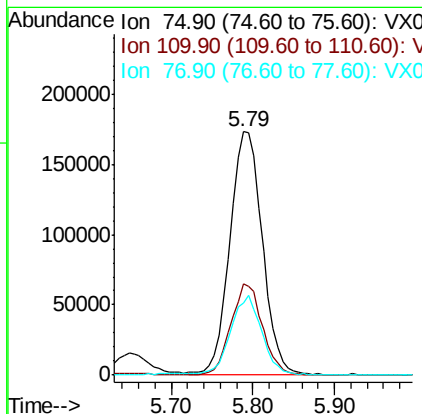
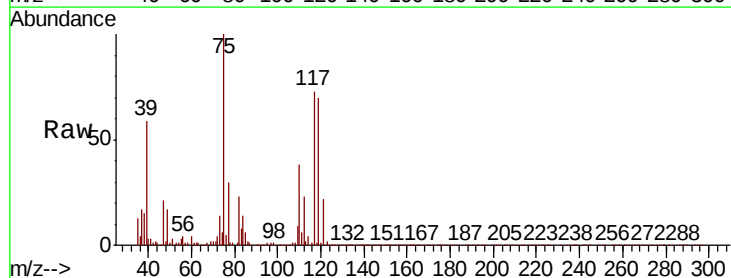
RT: 5.79 min Scan# 804

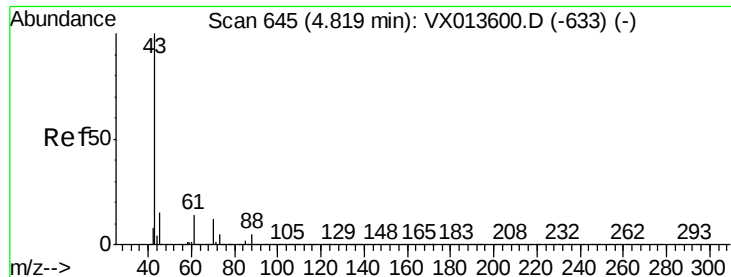
Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Tgt Ion:	75	Resp:	473880
Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.1	54.1
77	30.4	24.5	36.7

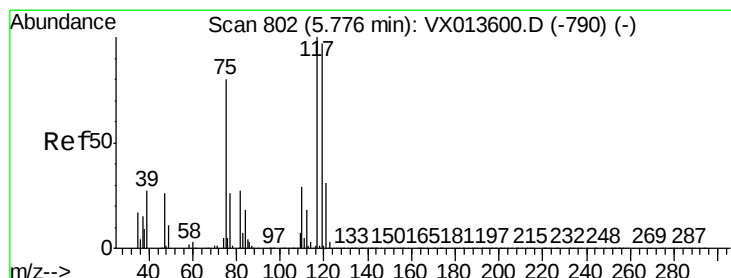
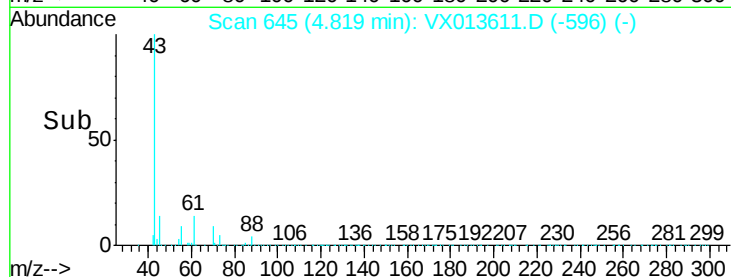
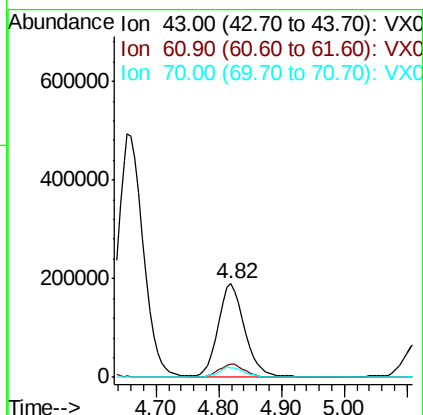
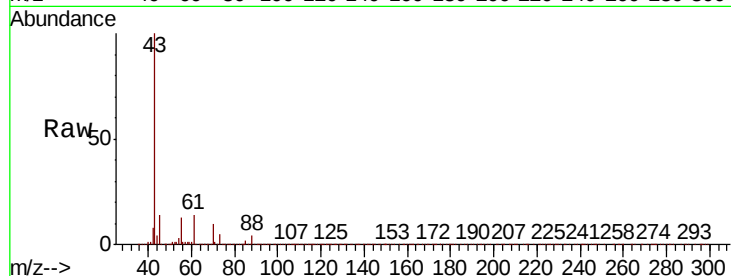




#37
Ethyl Acetate
Concen: 51.779 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

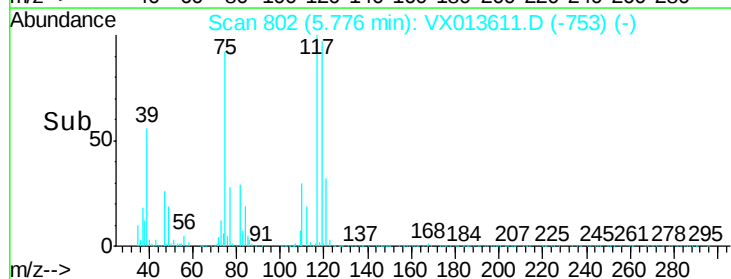
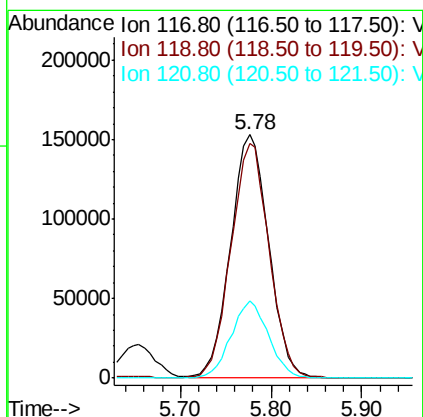
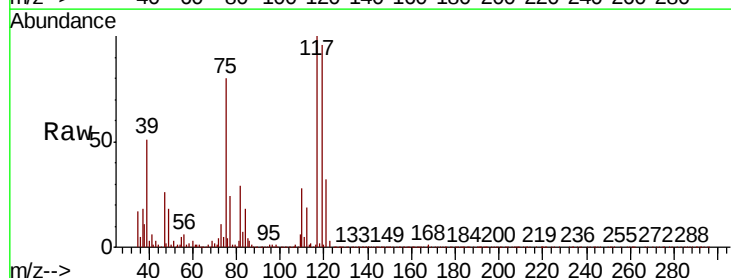
Instrument :
MSVOA_X
ClientSampleId :

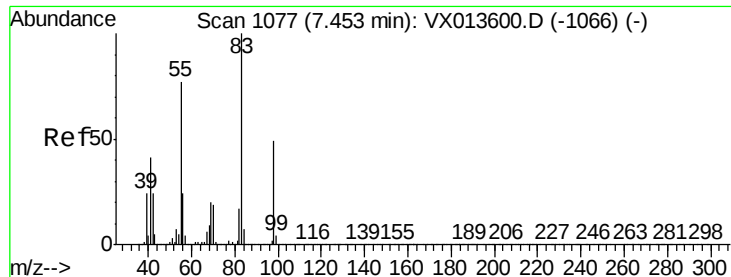
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	10.5	8.6	12.8



#38
Carbon Tetrachloride
Concen: 50.274 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.5	116.3
121	31.5	25.0	37.6

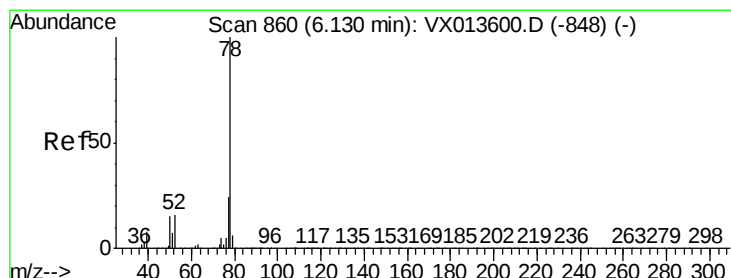
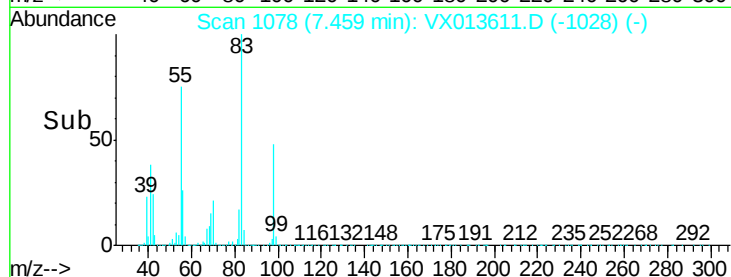
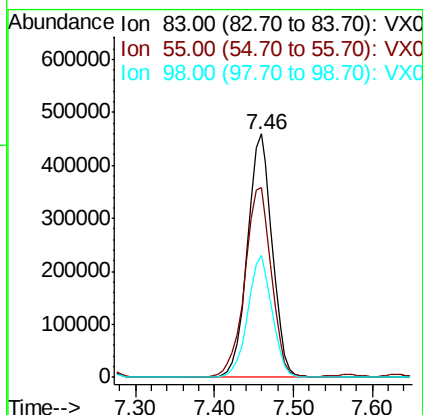
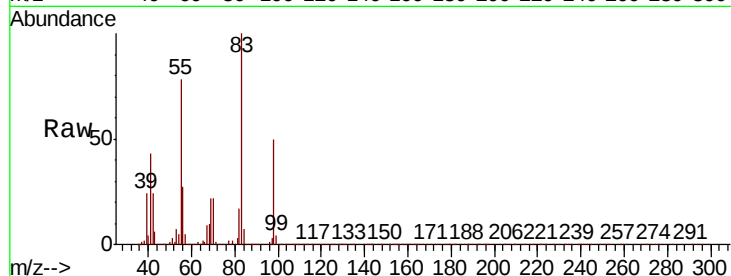




#39
Methvlcvclohexane
Concen: 84.416 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

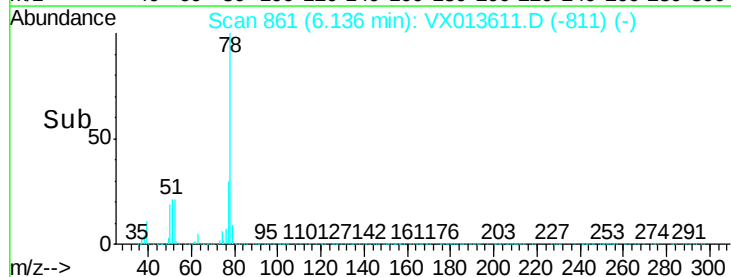
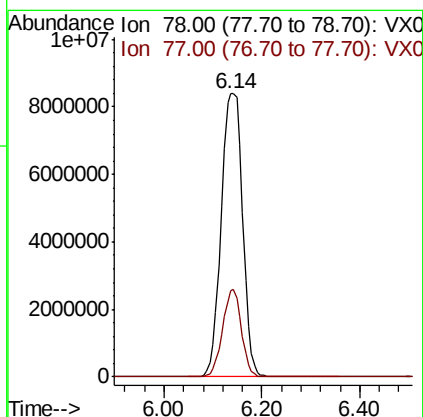
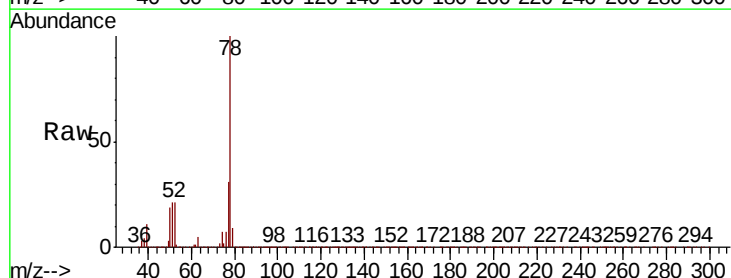
Instrument :
MSVOA_X
ClientSampleId :

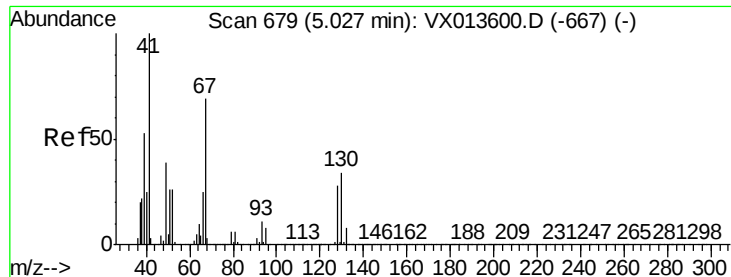
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.9	92.9
98	50.2	39.4	59.0



#40
Benzene
Concen: 872.127 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	30.5	19.0	28.4

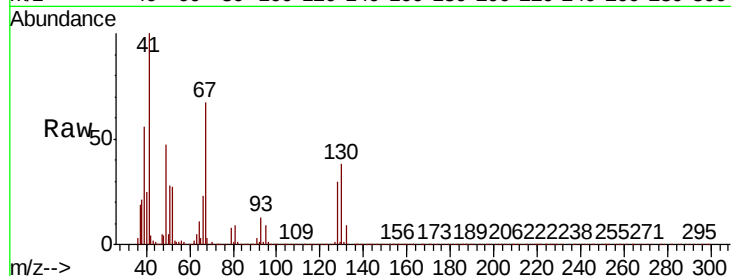




#41
Methacrylonitrile
Concen: 52.664 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	310166
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.9	64.3
67	69.4	57.4	86.0
52	27.9	22.4	33.6



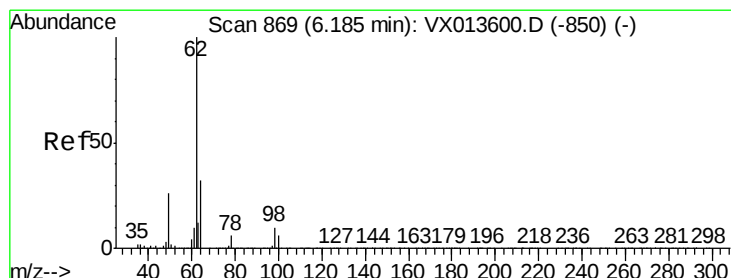
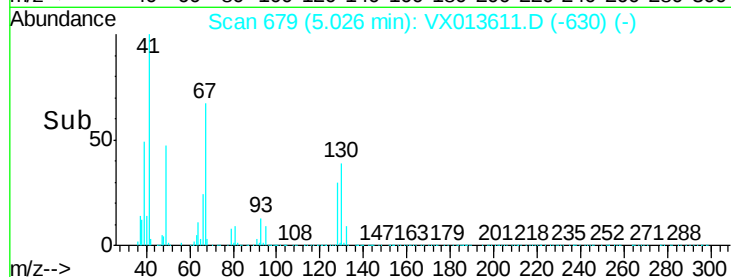
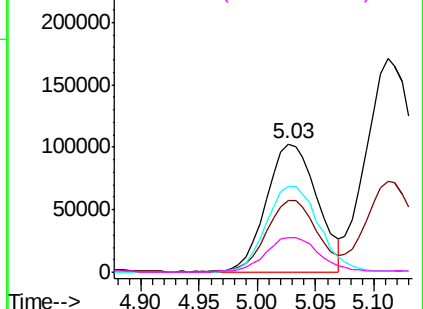
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

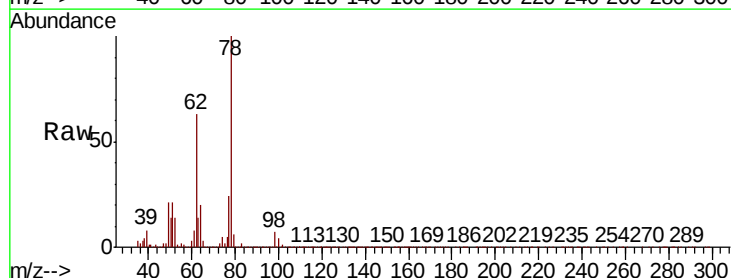
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.671 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

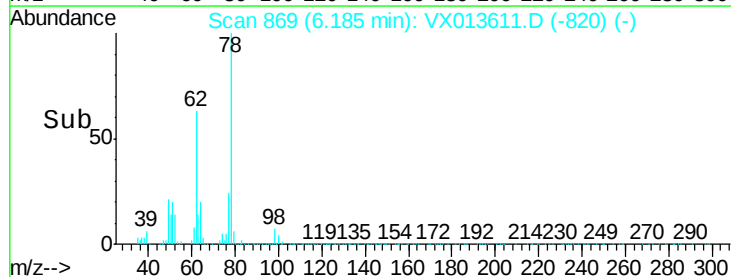
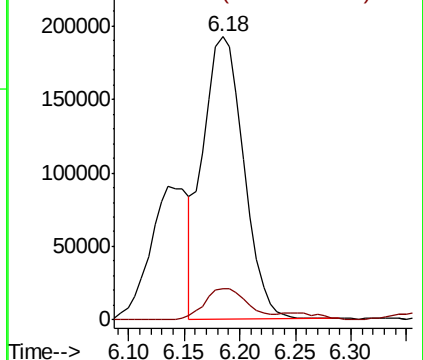
Tgt Ion:	62	Resp:	483947
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	20.8

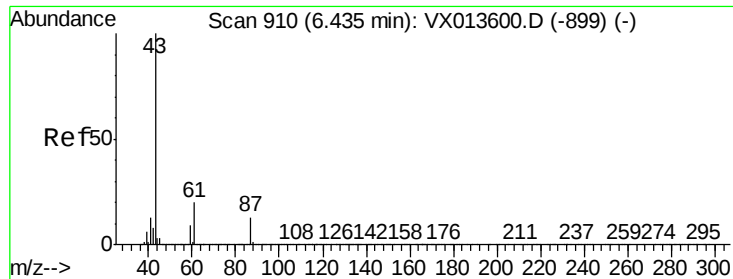


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



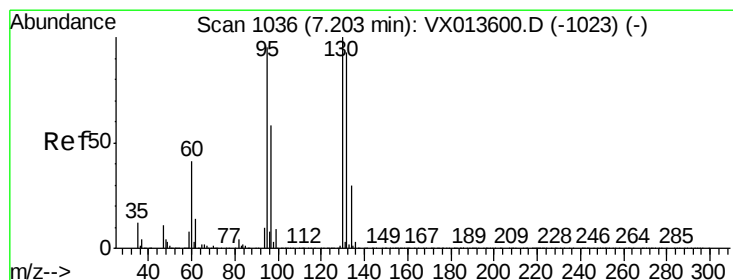
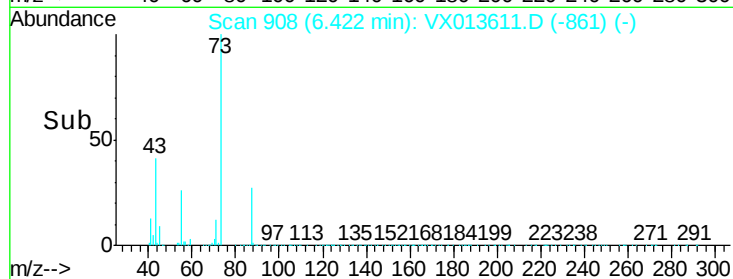
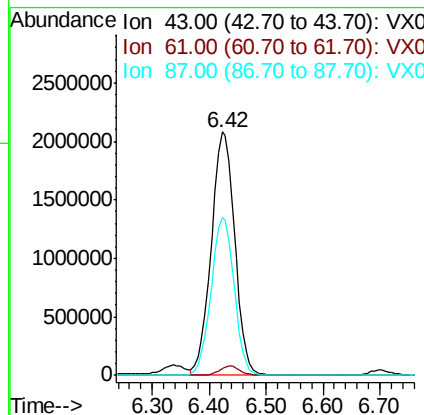
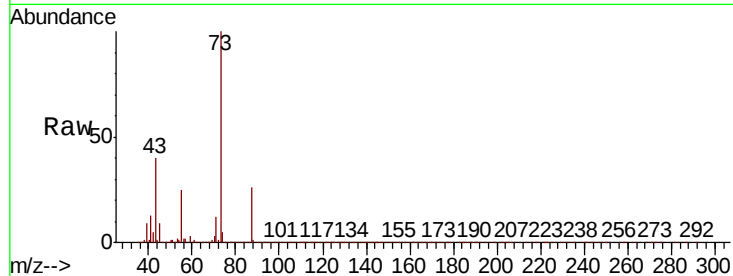


#43

Isopropyl Acetate
 Concen: 336.251 ug/l
 RT: 6.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

Instrument :
 MSVOA_X
 ClientSampleId :

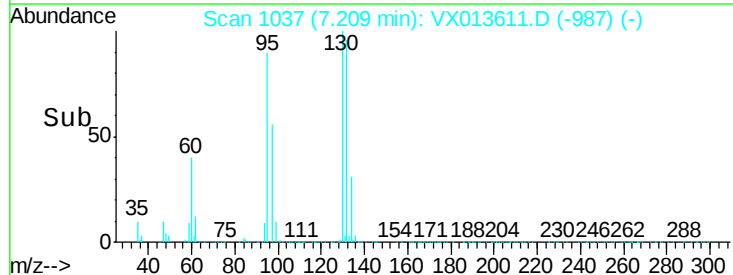
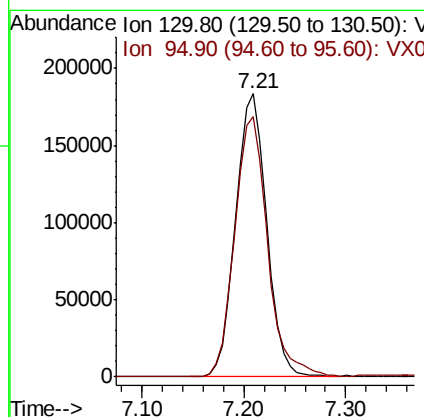
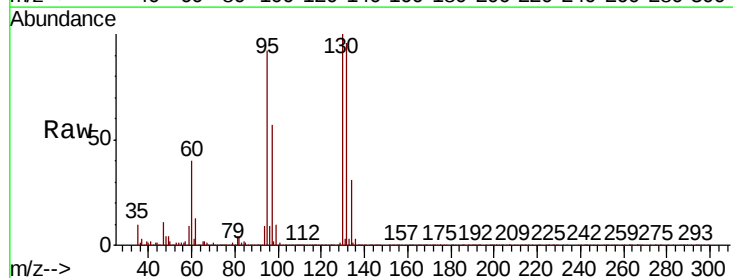
Tot Ion: 43 Resp: 5944954
 Ion Ratio Lower Upper
 43 100
 61 3.2 16.3 24.5#
 87 63.6 10.8 16.2#

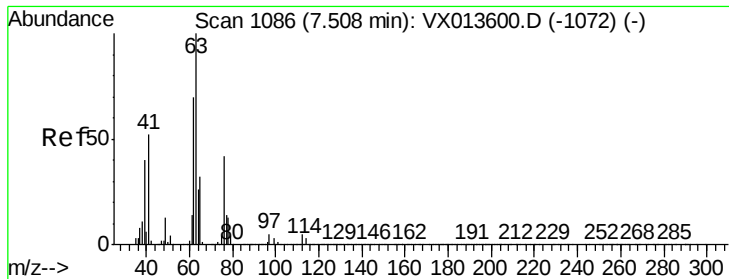


#44

Trichloroethene
 Concen: 48.137 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

Tgt Ion: 130 Resp: 385178
 Ion Ratio Lower Upper
 130 100
 95 91.8 0.0 190.8





#45

1,2-Dichloropropane

Concen: 51.189 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

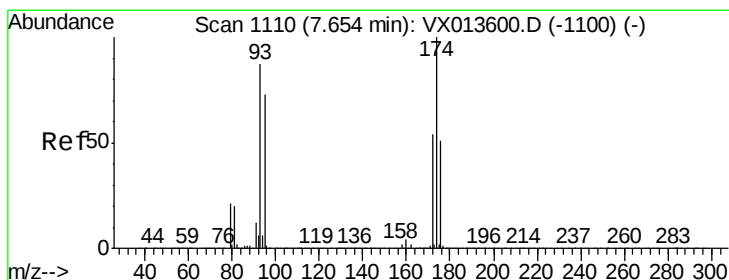
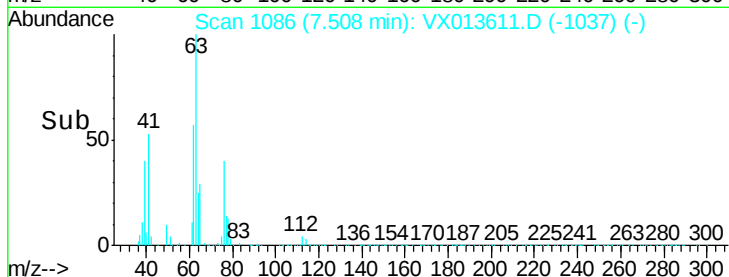
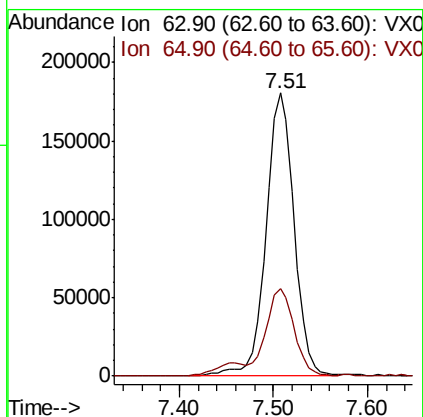
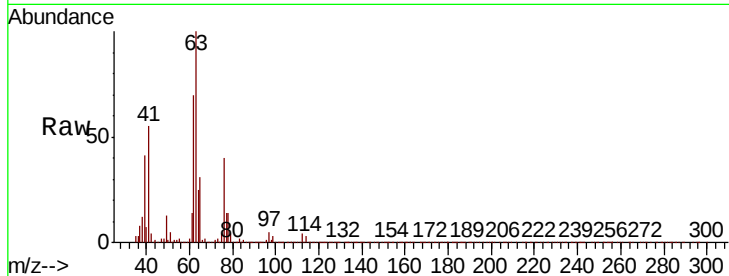
ClientSampled :

Tot Ion: 63 Resp: 373405

Ion Ratio Lower Upper

63 100

65 30.6 25.5 38.3



#46

Dibromomethane

Concen: 48.383 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

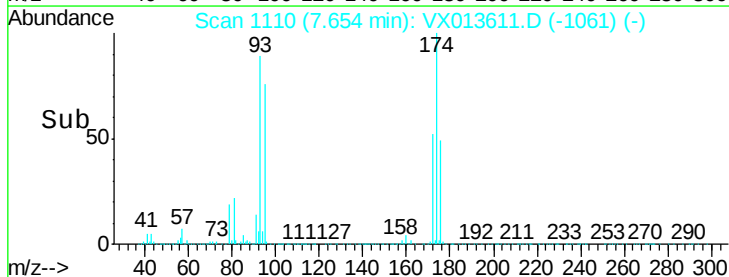
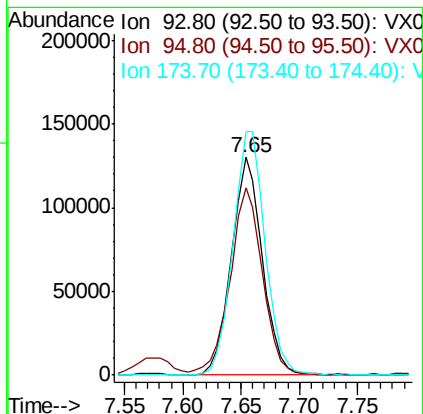
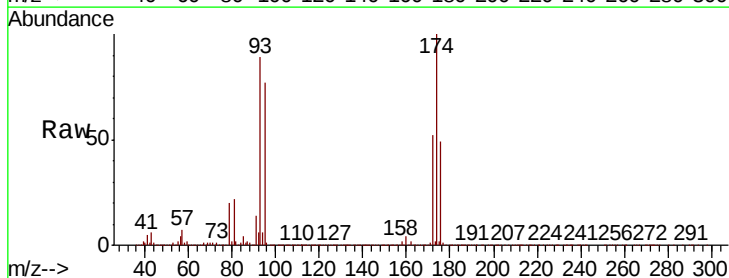
Tgt Ion: 93 Resp: 239705

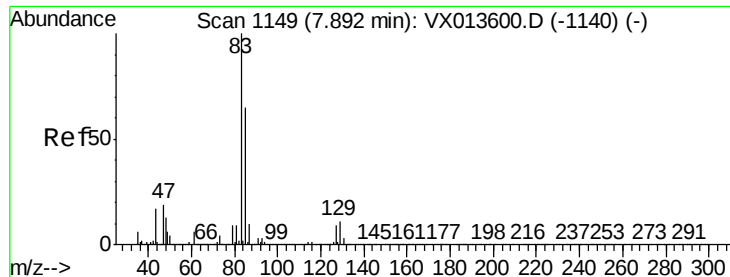
Ion Ratio Lower Upper

93 100

95 89.9 66.2 99.2

174 117.0 93.4 140.0





#47

Bromodichloromethane

Concen: 49.475 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :

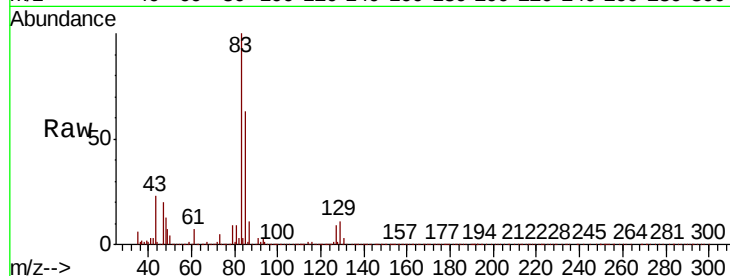
Tot Ion: 83 Resp: 463380

Ion Ratio Lower Upper

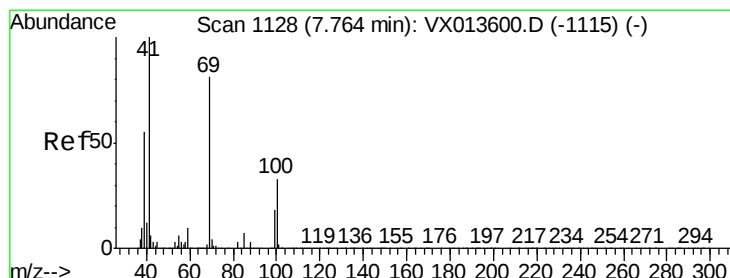
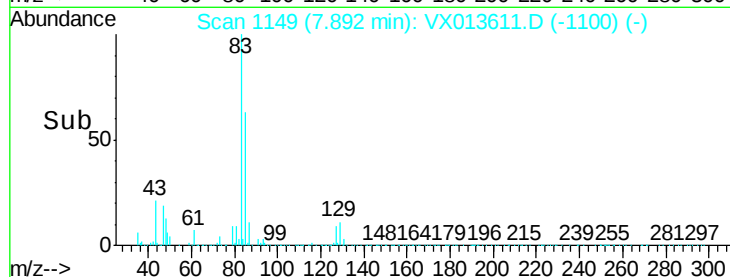
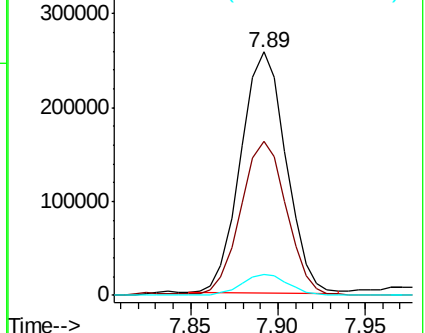
83 100

85 63.5 52.1 78.1

127 8.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.477 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

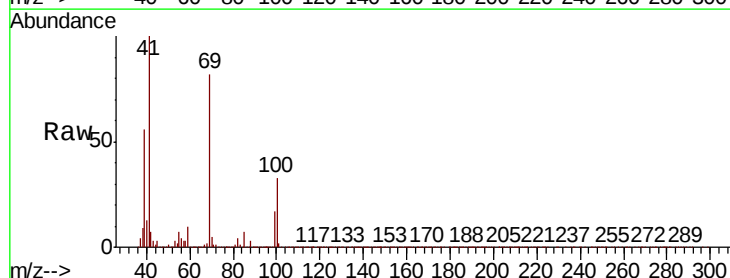
Tgt Ion: 41 Resp: 493744

Ion Ratio Lower Upper

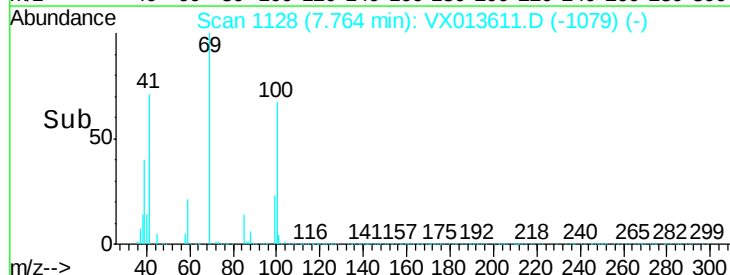
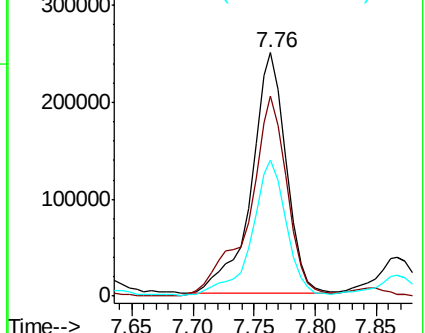
41 100

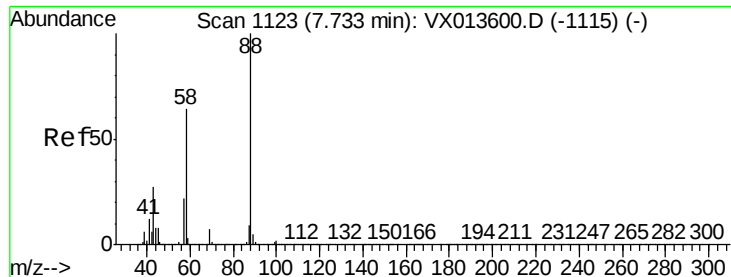
69 91.4 64.7 97.1

39 55.1 43.8 65.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

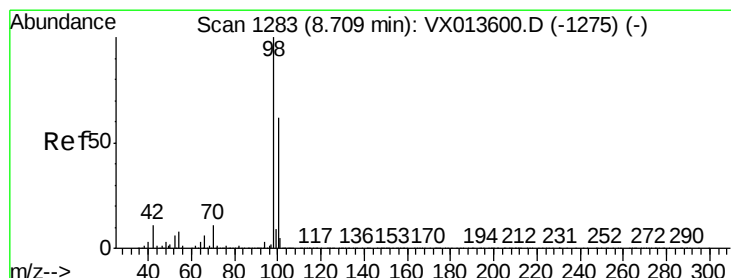
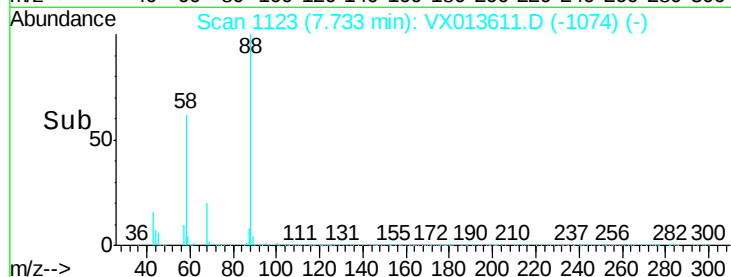
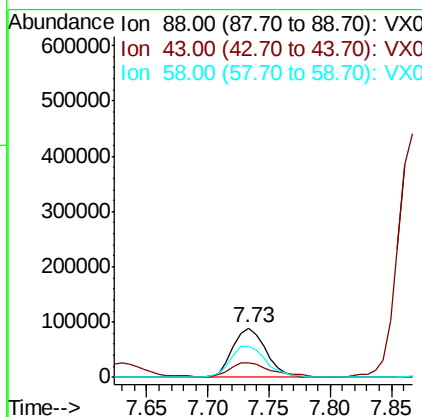
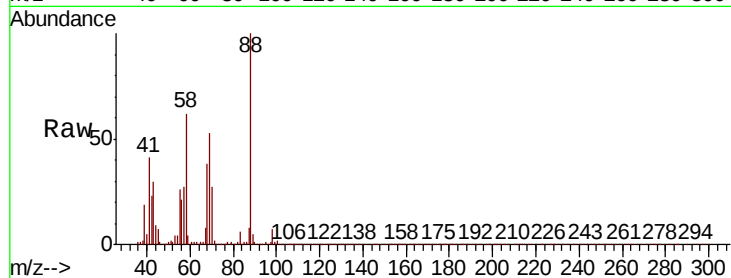




#49
1,4-Dioxane
Concen: 876.404 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

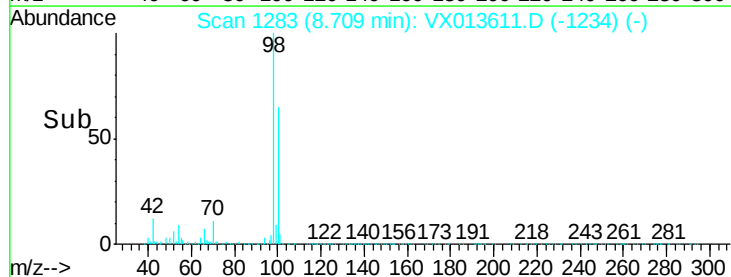
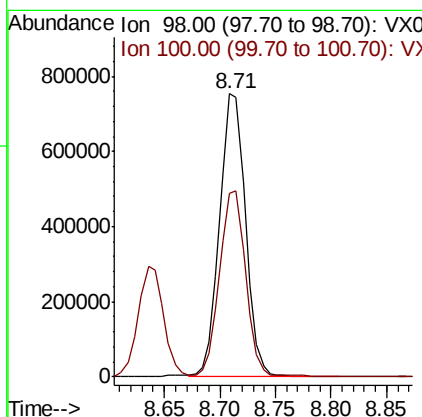
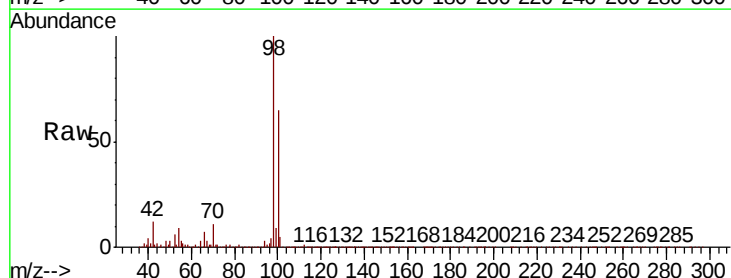
Instrument :
MSVOA_X
ClientSampleId :

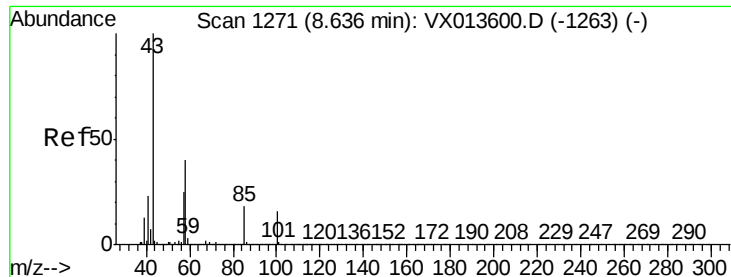
Tot Ion: 88 Resp: 168519
Ion Ratio Lower Upper
88 100
43 33.9 25.8 38.6
58 67.8 54.6 82.0



#50
Toluene-d8
Concen: 47.875 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion: 98 Resp: 1216050
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 256.094 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

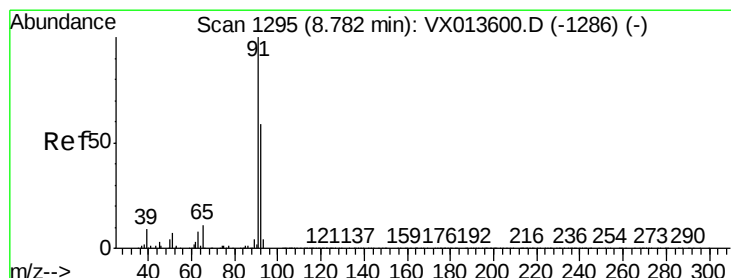
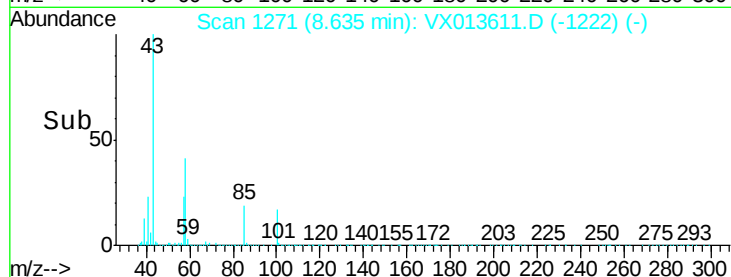
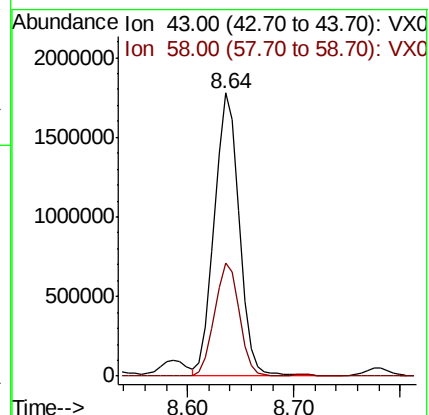
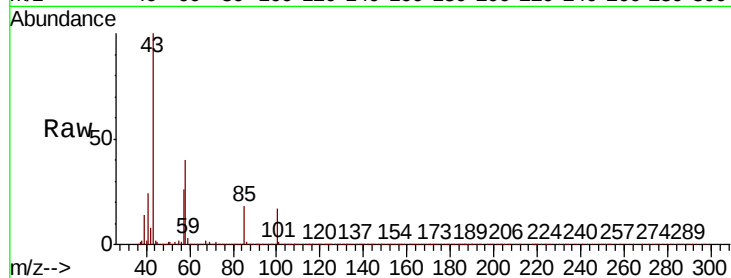
ClientSampleId :

Tot Ion: 43 Resp: 2848070

Ion Ratio Lower Upper

43 100

58 39.8 32.1 48.1



#52

Toluene

Concen: 307.539 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013611.D

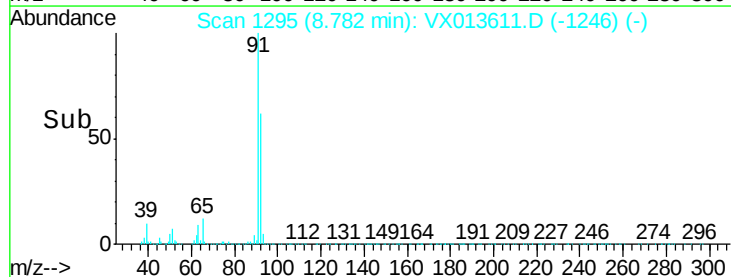
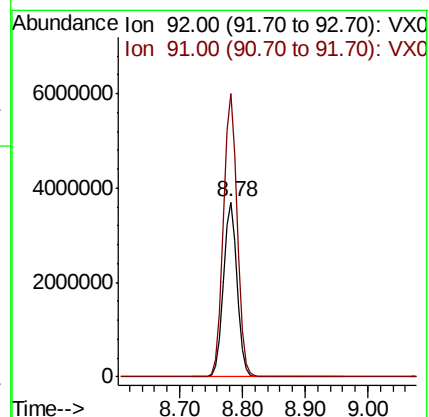
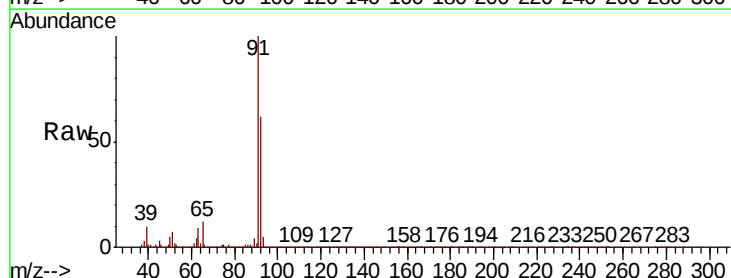
Acq: 26 Nov 2019 20:06

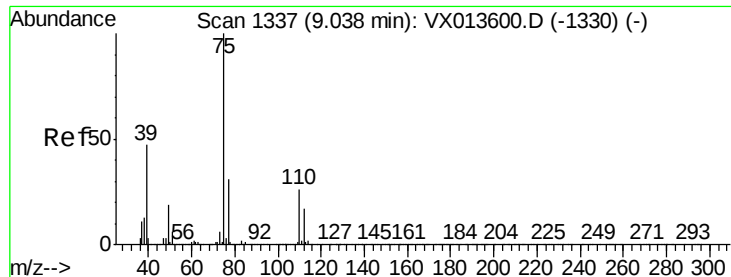
Tgt Ion: 92 Resp: 5570311

Ion Ratio Lower Upper

92 100

91 164.7 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 50.261 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

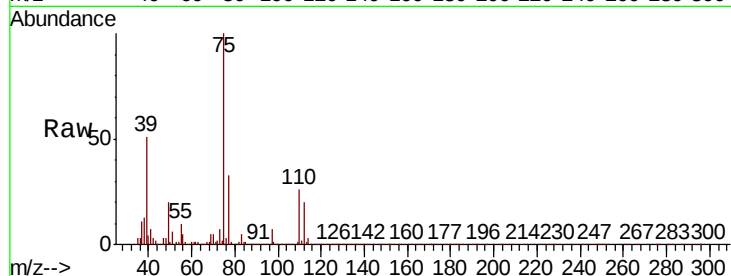
ClientSampled :

Tot Ion: 75 Resp: 535822

Ion Ratio Lower Upper

75 100

77 32.3 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

400000

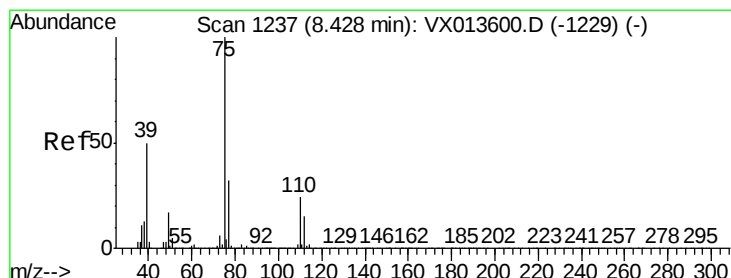
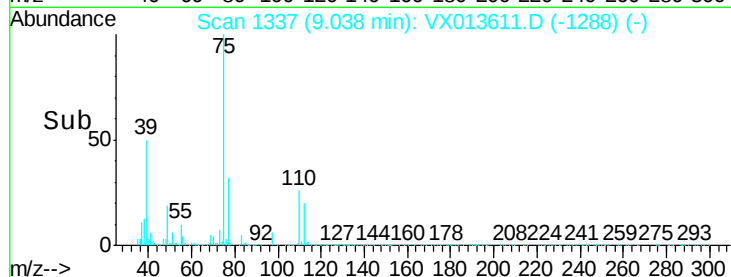
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.421 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

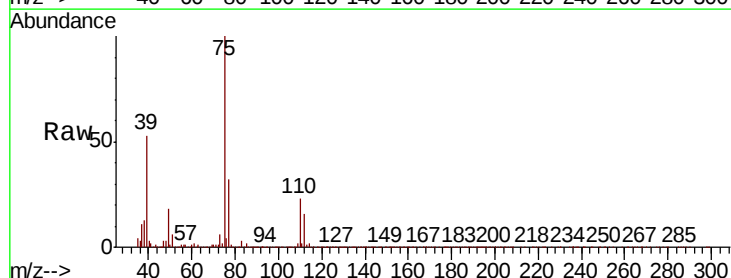
Tgt Ion: 75 Resp: 598902

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 49.6 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

500000

400000

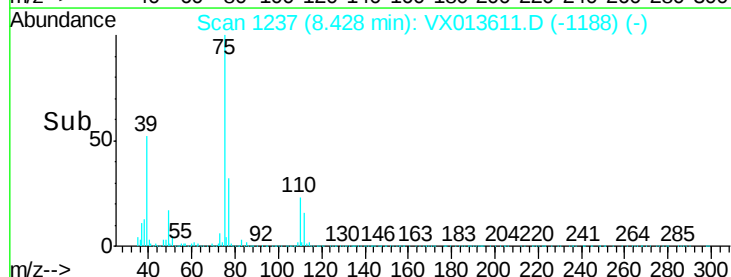
300000

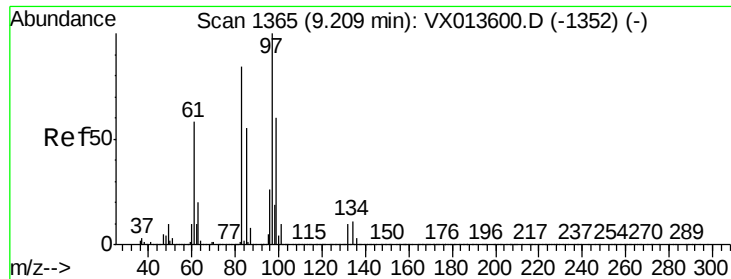
200000

100000

0

Time-->

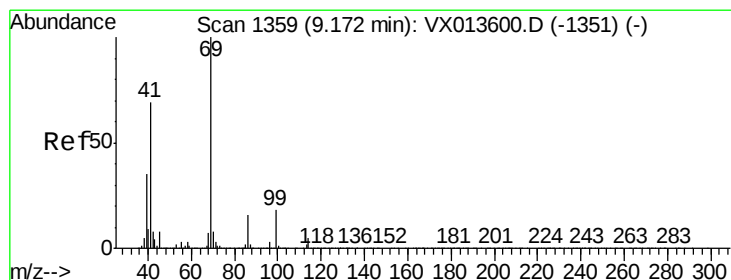
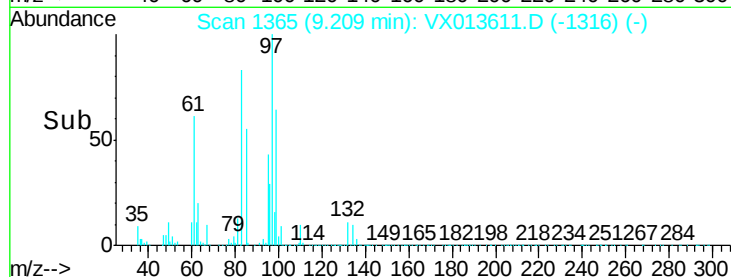
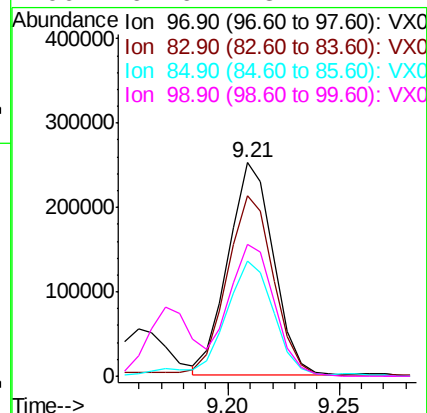
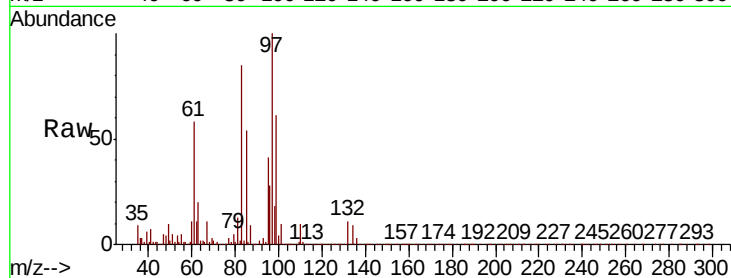




#55
 1,1,2-Trichloroethane
 Concen: 48.785 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

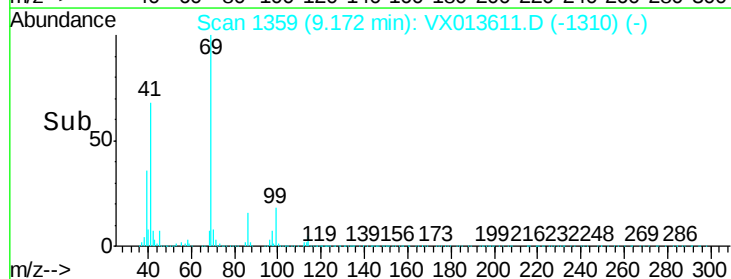
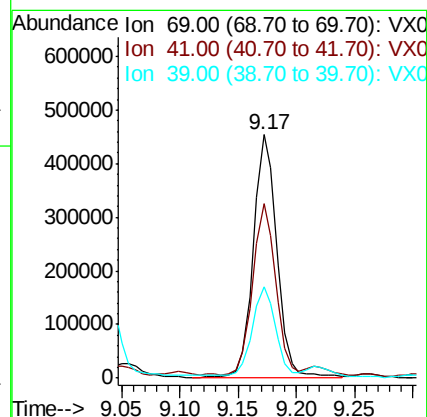
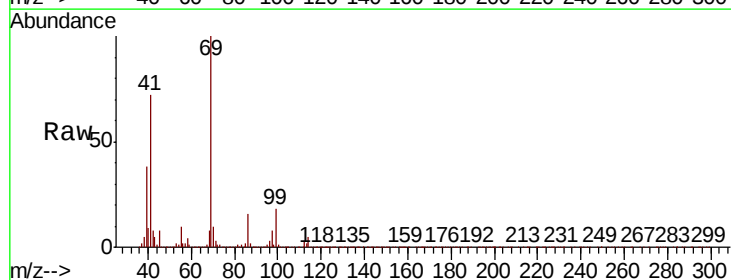
Instrument :
 MSVOA_X
 ClientSampleId :

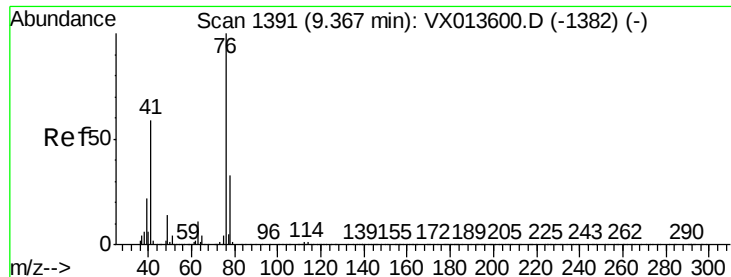
Tot Ion:	97	Resp:	356085
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.3	100.9
85	53.0	43.6	65.4
99	61.6	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 54.865 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

Tgt Ion:	69	Resp:	643838
Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.0	82.4
39	35.4	28.7	43.1





#57

1,3-Dichloropropane

Concen: 49.289 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

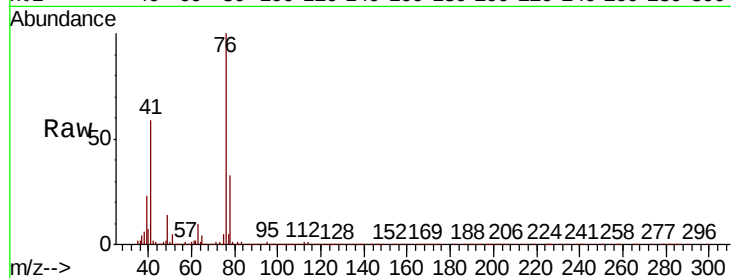
ClientSampleId :

Tot Ion: 76 Resp: 620107

Ion Ratio Lower Upper

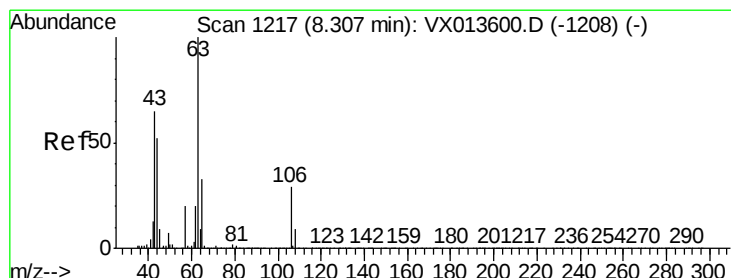
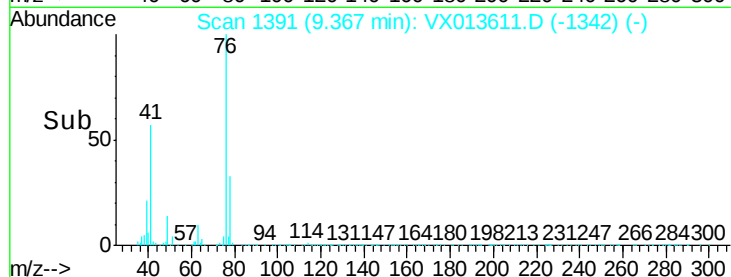
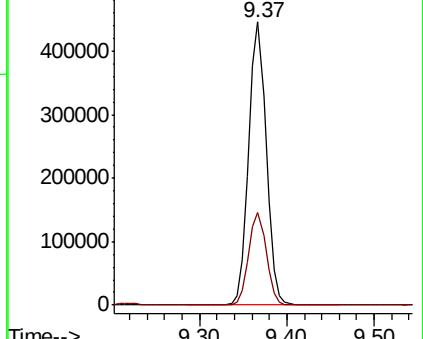
76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 8.294 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013611.D

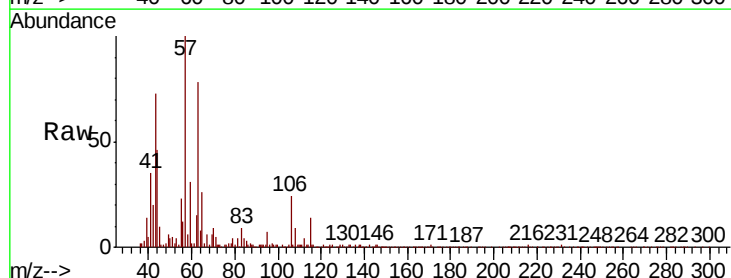
Acq: 26 Nov 2019 20:06

Tgt Ion: 63 Resp: 38159

Ion Ratio Lower Upper

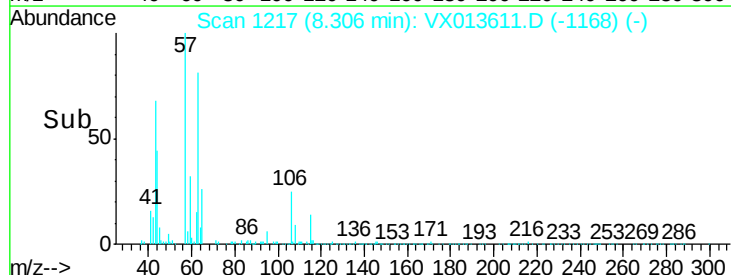
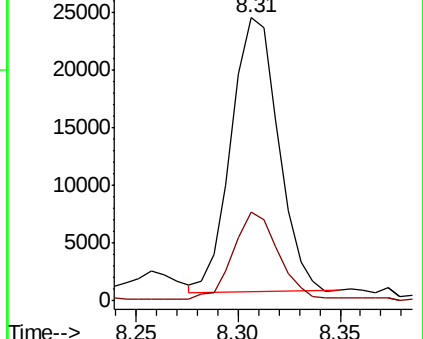
63 100

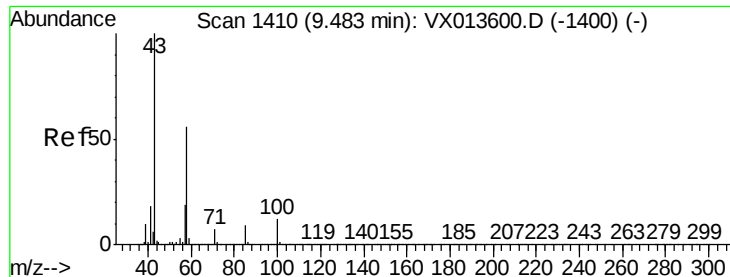
106 32.0 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

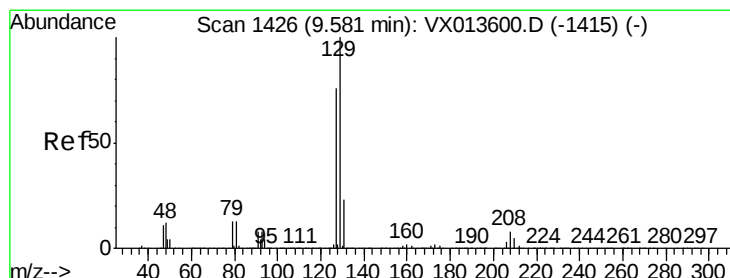
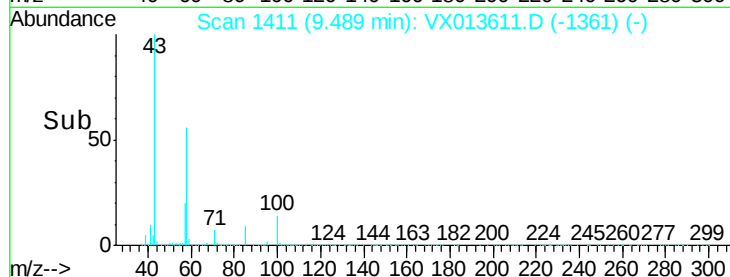
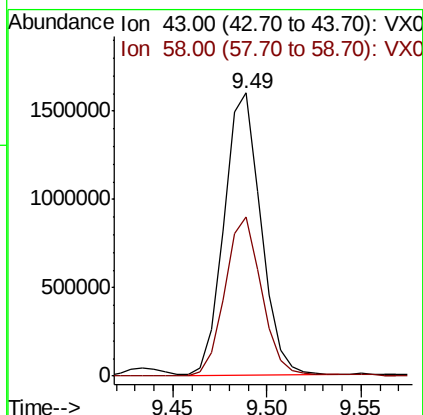
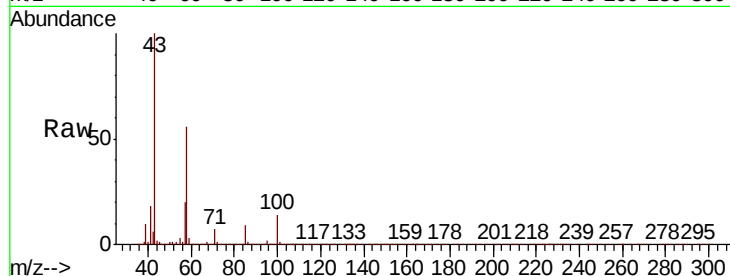




#59
2-Hexanone
Concen: 248.706 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

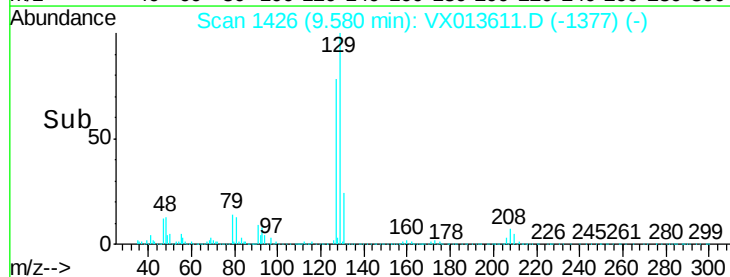
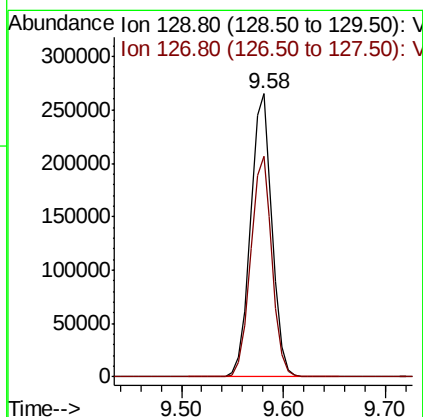
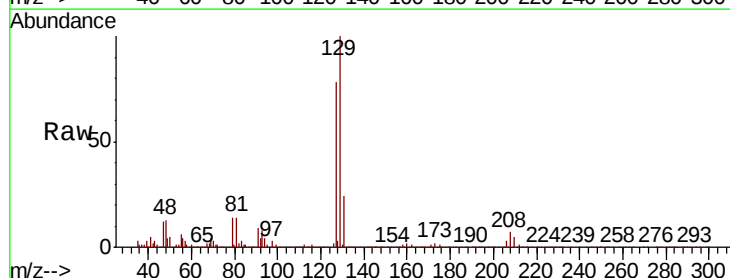
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2157200
Ion Ratio Lower Upper
43 100
58 56.4 28.1 84.4



#60
Dibromochloromethane
Concen: 51.409 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion: 129 Resp: 389414
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

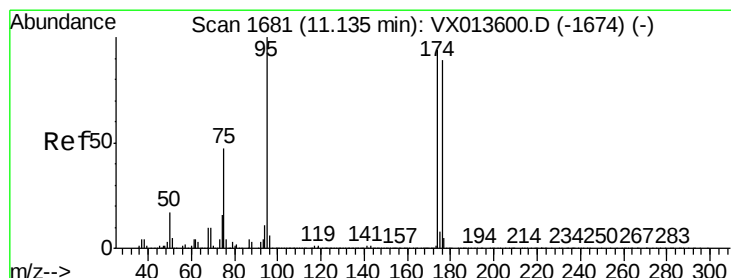
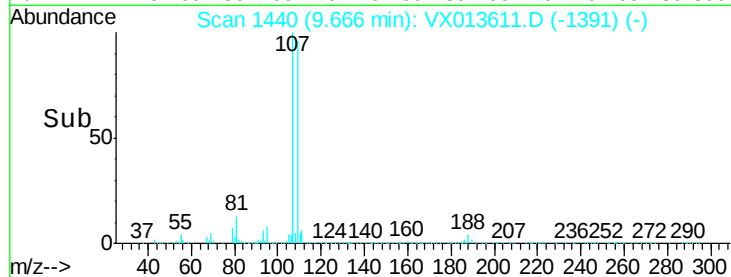
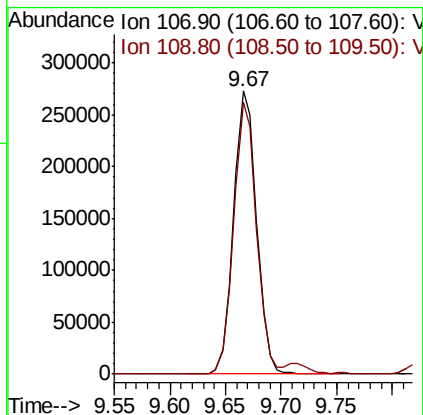
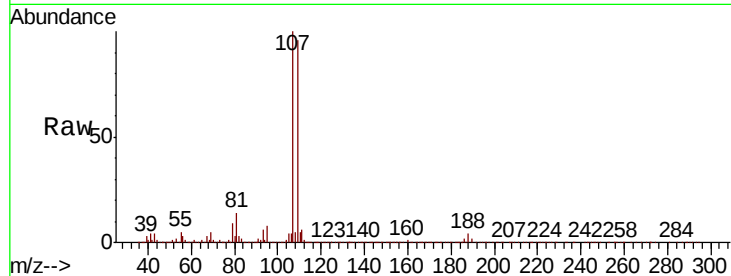




#61
 1,2-Dibromoethane
 Concen: 50.064 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

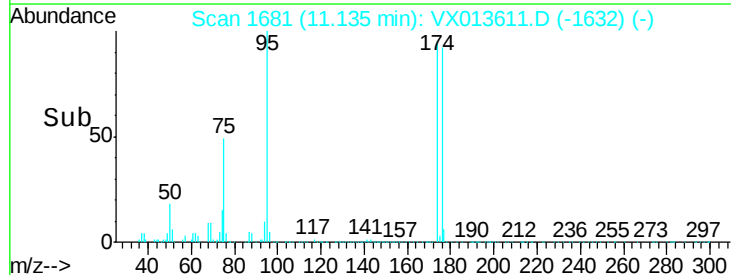
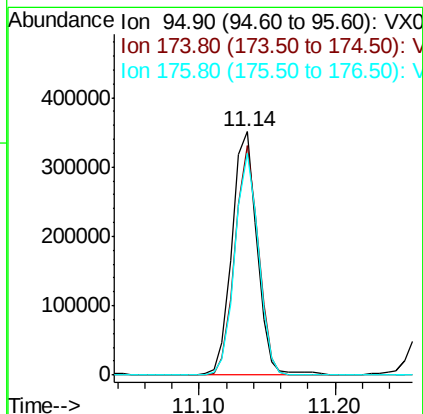
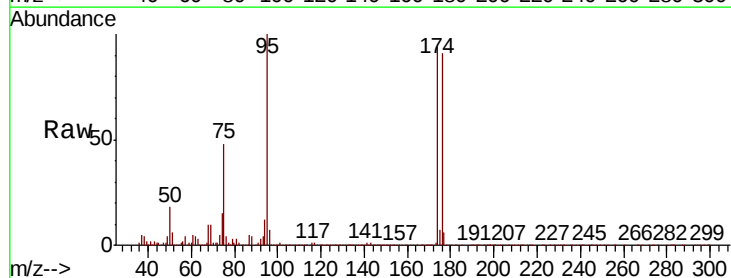
Instrument :
 MSVOA_X
 ClientSampleId :

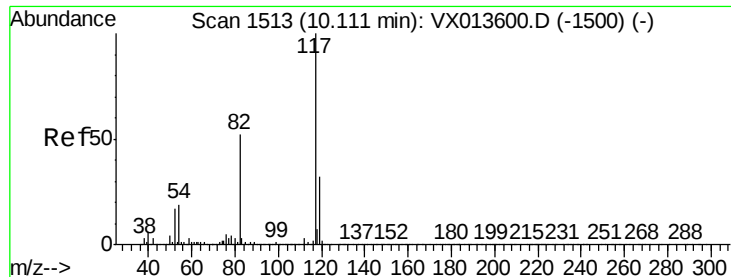
Tot Ion:107 Resp: 390277
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 48.729 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

Tgt Ion: 95 Resp: 446330
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 180.0
 176 86.6 0.0 173.6

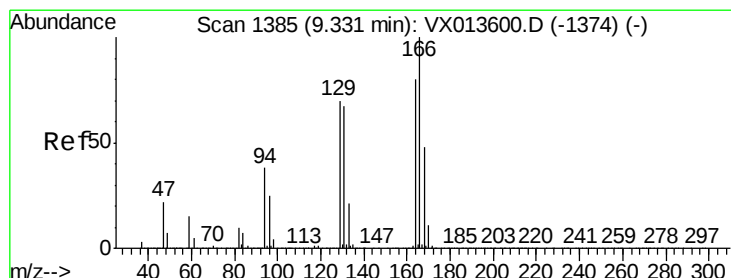
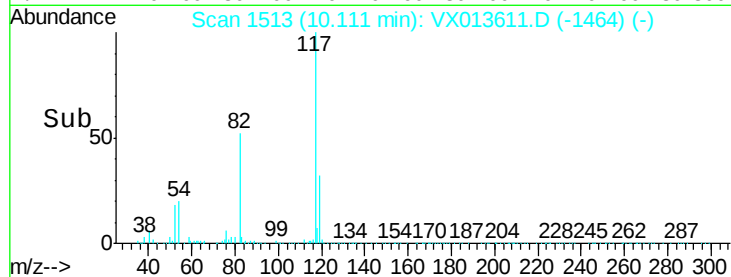
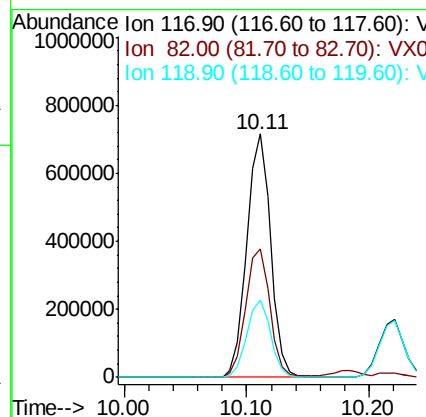
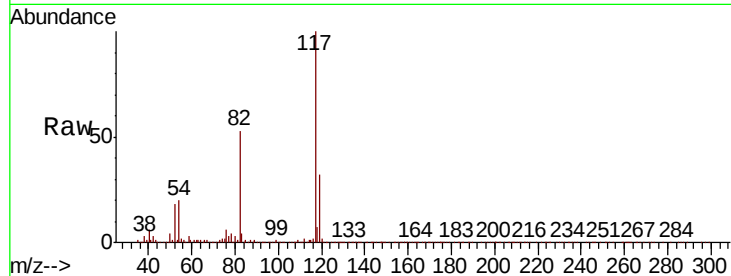




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

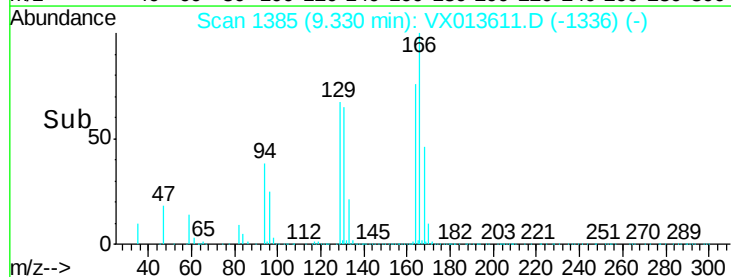
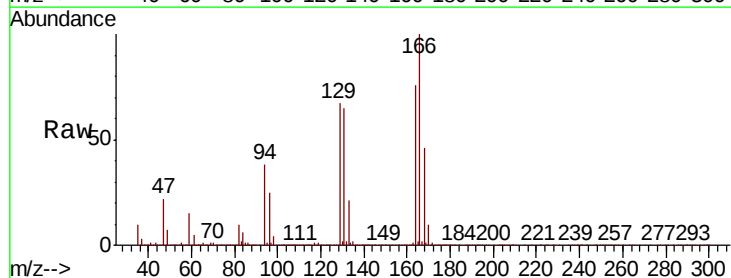
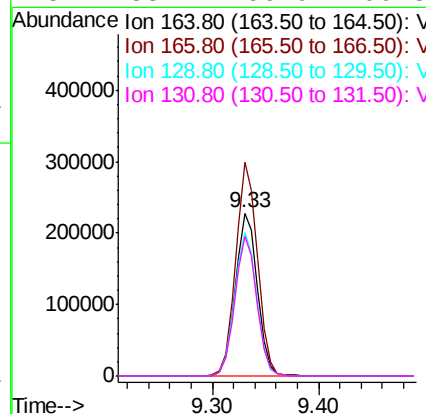
Instrument :
MSVOA_X
ClientSampled :

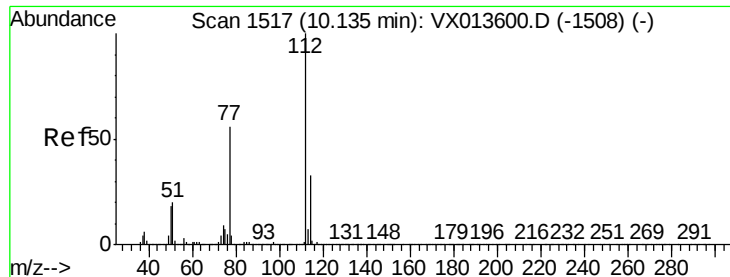
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	31.5	25.8	38.8



#64
Tetrachloroethene
Concen: 45.978 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	99.7	149.5
129	87.9	70.1	105.1
131	85.7	66.9	100.3

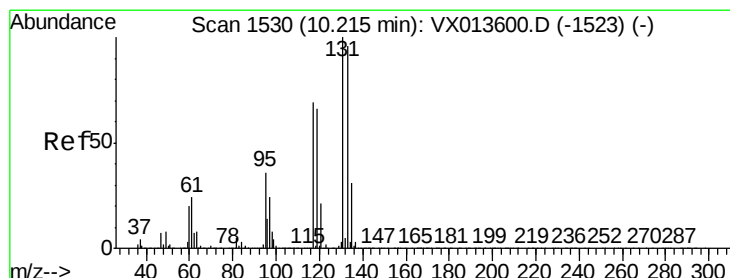
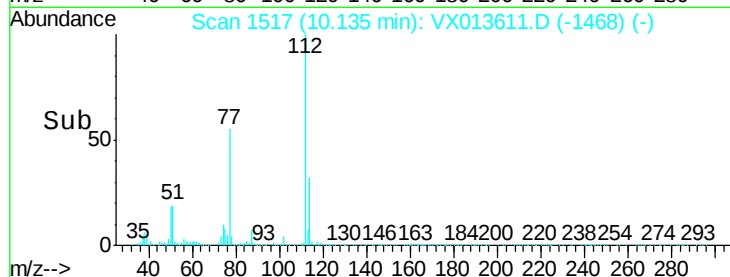
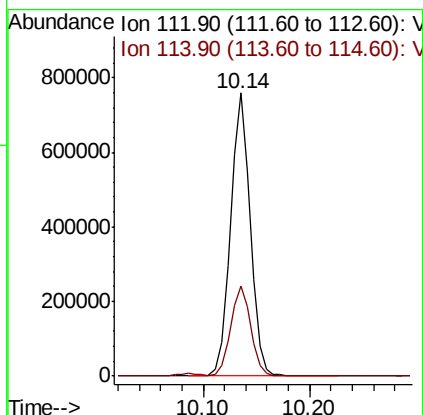
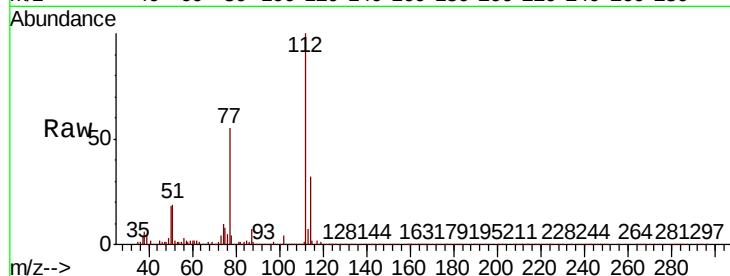




#65
Chlorobenzene
Concen: 48.875 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

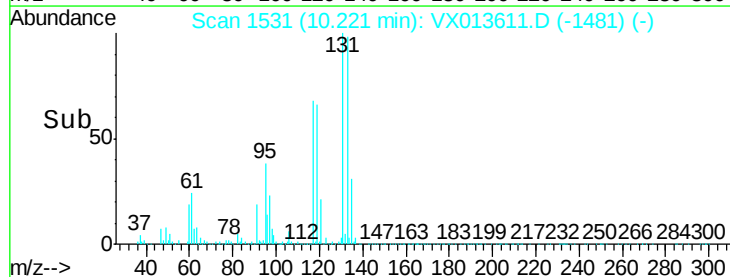
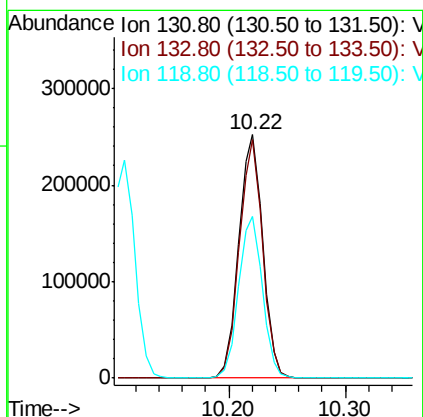
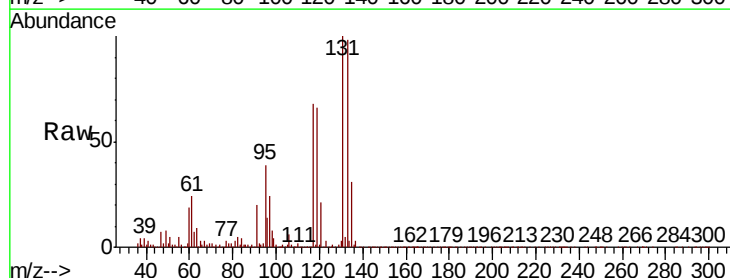
Instrument :
MSVOA_X
ClientSampleId :

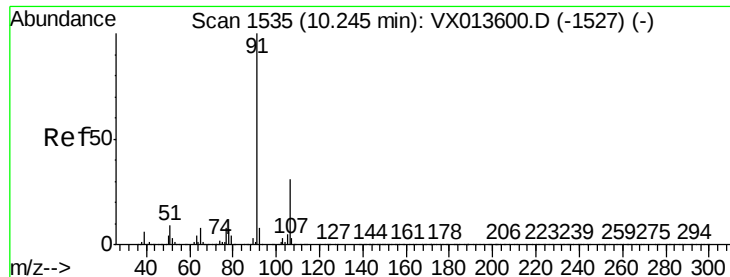
Tot Ion:112 Resp: 980777
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.211 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion:131 Resp: 361816
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 66.0 32.9 98.6





#67

Ethyl Benzene

Concen: 458.841 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

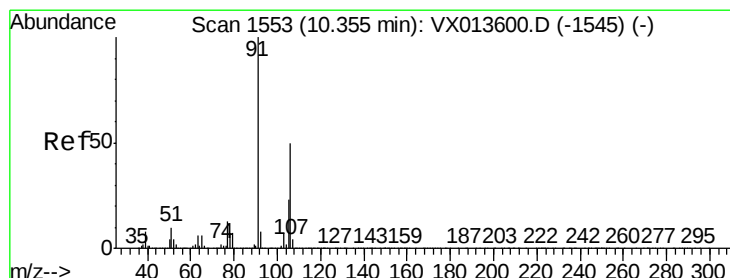
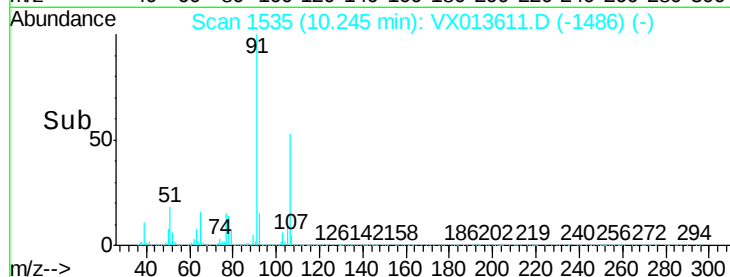
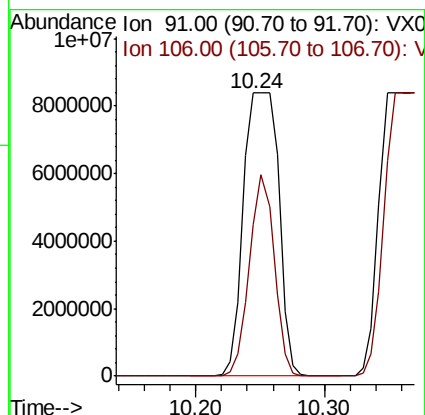
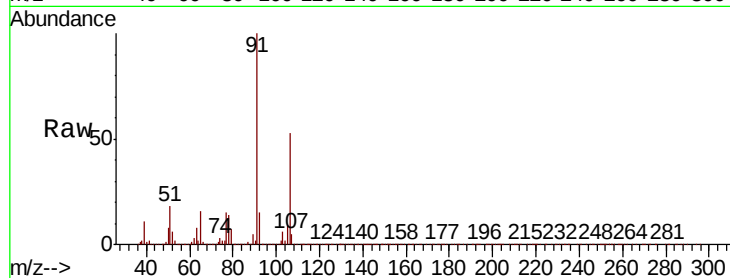
ClientSampleId :

Tot Ion: 91 Resp:15822142

Ion Ratio Lower Upper

91 100

106 53.5 24.5 36.7#



#68

m/p-Xylenes

Concen: 1436.860 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013611.D

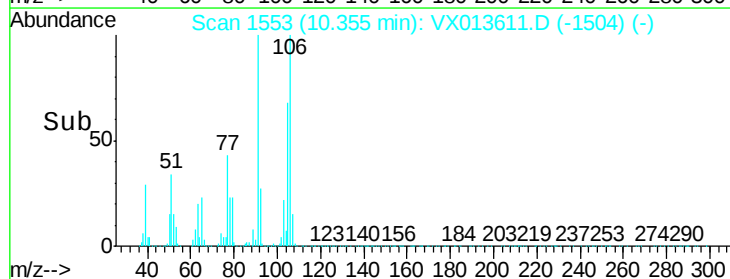
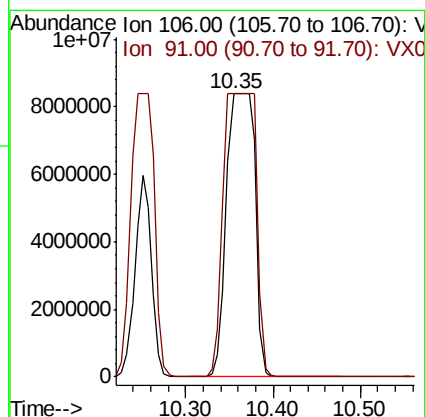
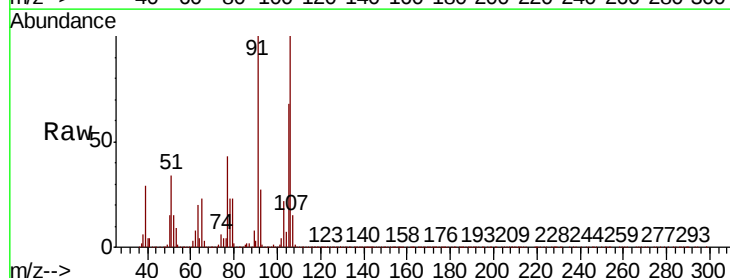
Acq: 26 Nov 2019 20:06

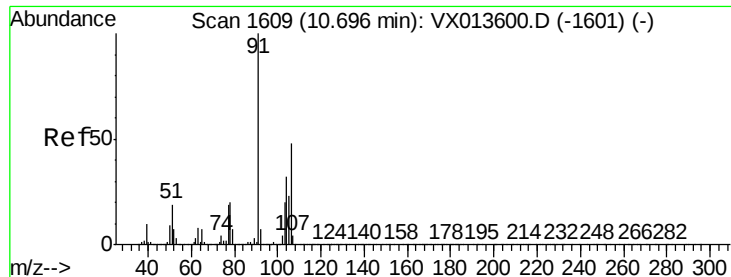
Tgt Ion:106 Resp:18969353

Ion Ratio Lower Upper

106 100

91 0.0 159.0 238.4#

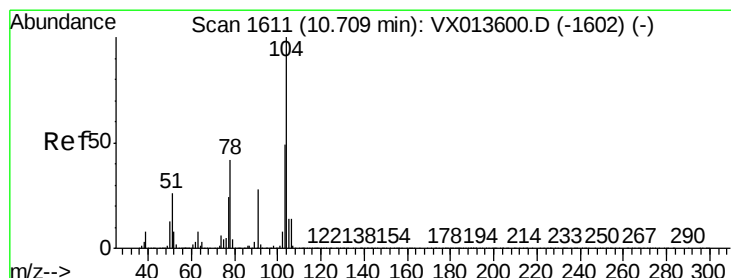
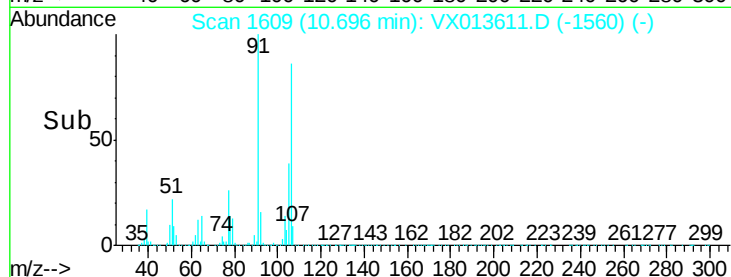
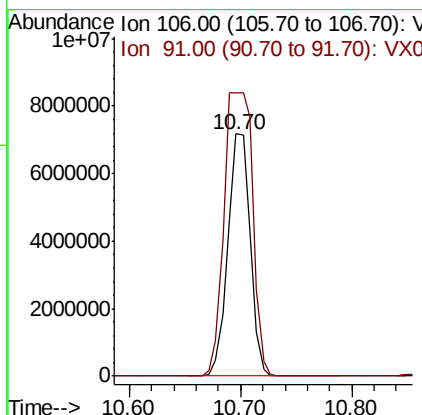
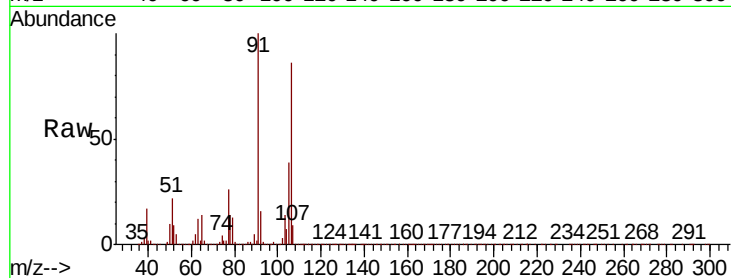




#69
o-Xylene
Concen: 772.866 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

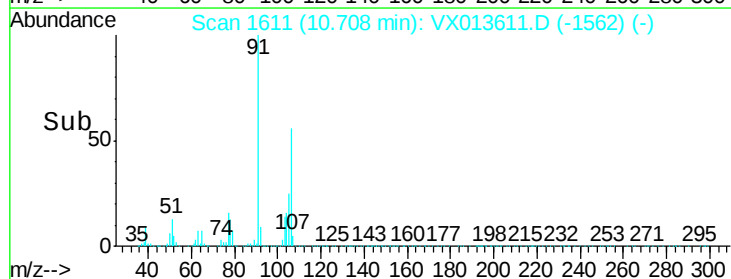
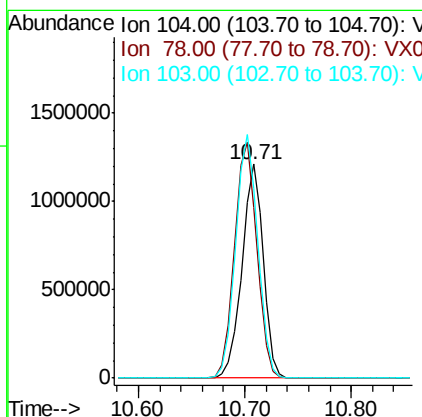
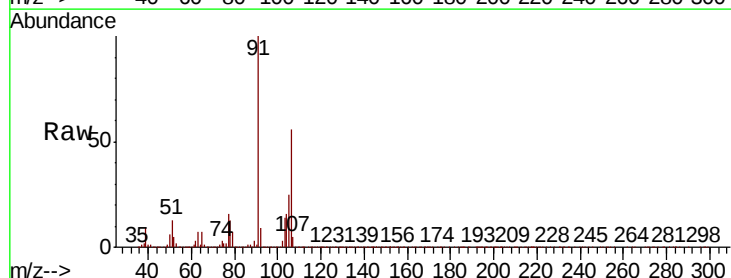
Instrument :
MSVOA_X
ClientSampleId :

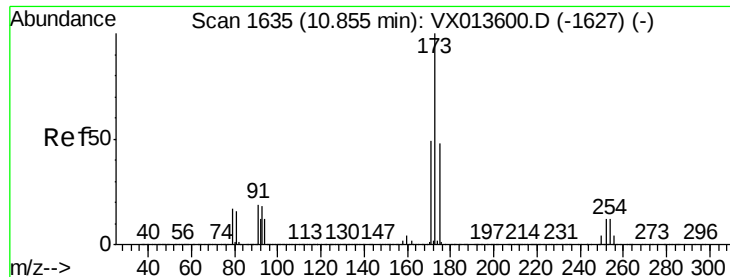
Tot Ion:106 Resp: 9951279
Ion Ratio Lower Upper
106 100
91 151.2 104.1 312.2



#70
Styrene
Concen: 78.532 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion:104 Resp: 1700954
Ion Ratio Lower Upper
104 100
78 116.2 38.5 57.7#
103 118.9 43.7 65.5#





#71

Bromoform

Concen: 49.937 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

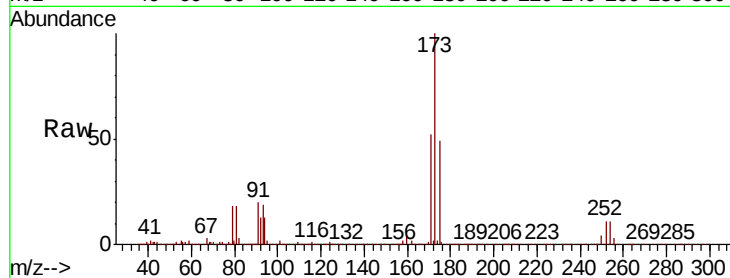
Tot Ion:173 Resp: 297737

Ion Ratio Lower Upper

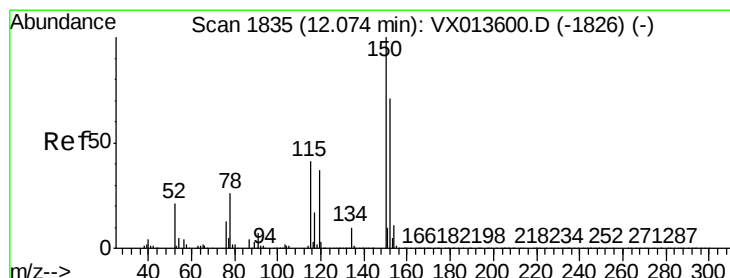
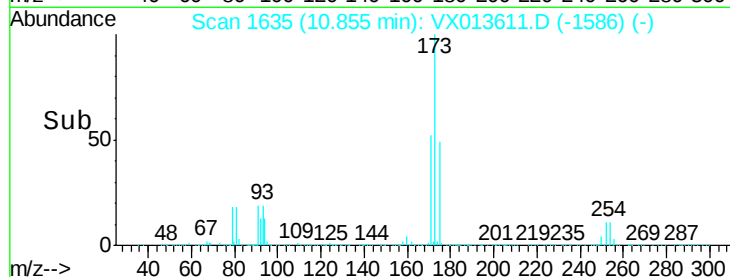
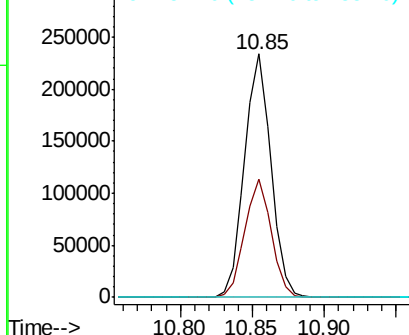
173 100

175 48.7 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: VX013611.D

Acq: 26 Nov 2019 20:06

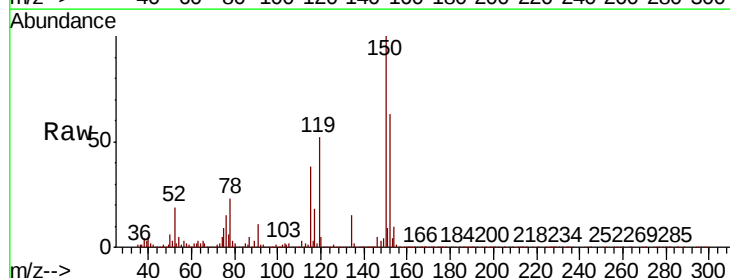
Tgt Ion:152 Resp: 486354

Ion Ratio Lower Upper

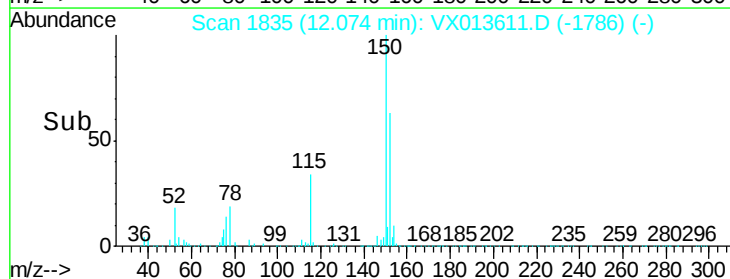
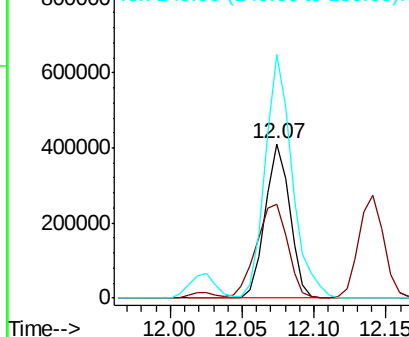
152 100

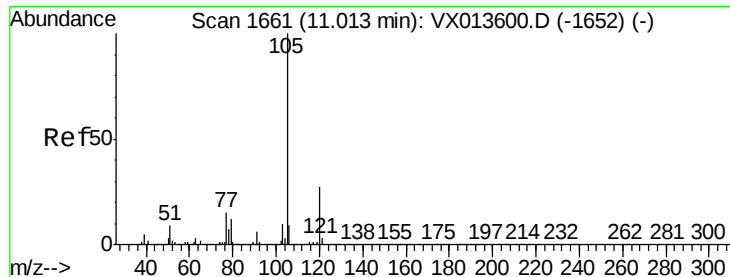
115 76.3 38.4 115.1

150 172.2 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: 81.984 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

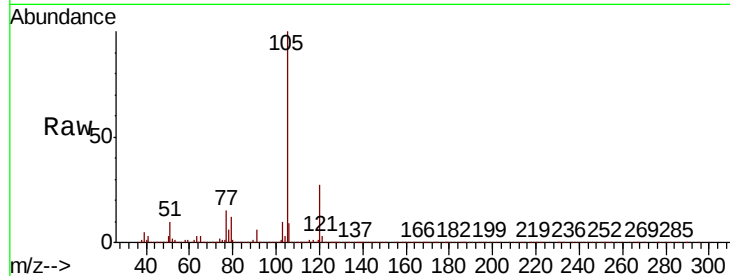
ClientSampleId :

Tot Ion:105 Resp: 2796961

Ion Ratio Lower Upper

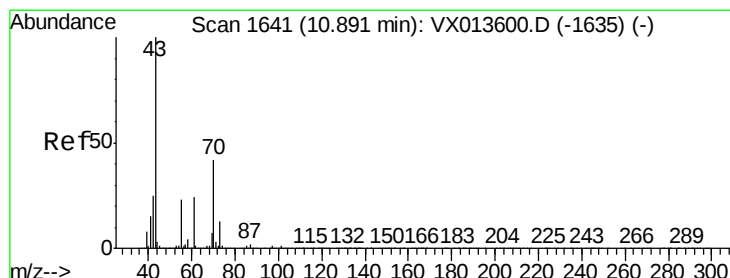
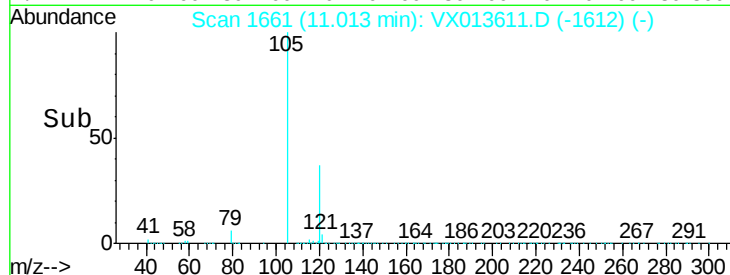
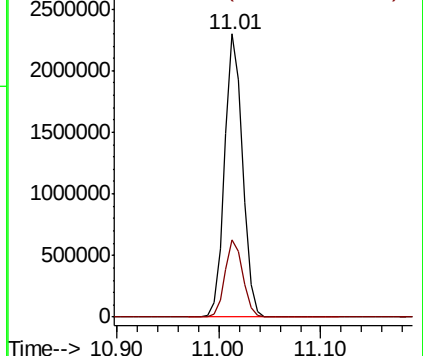
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.253 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Tgt Ion: 43 Resp: 800987

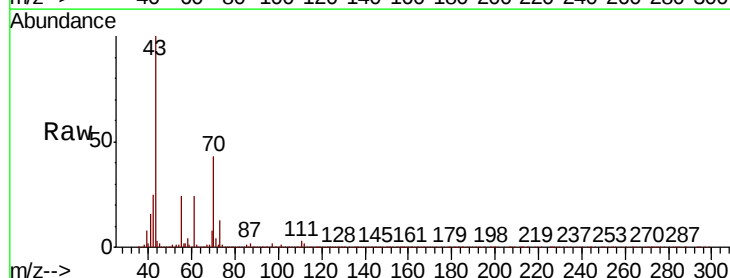
Ion Ratio Lower Upper

43 100

70 43.7 34.3 51.5

55 25.4 18.5 27.7

61 25.3 19.8 29.8

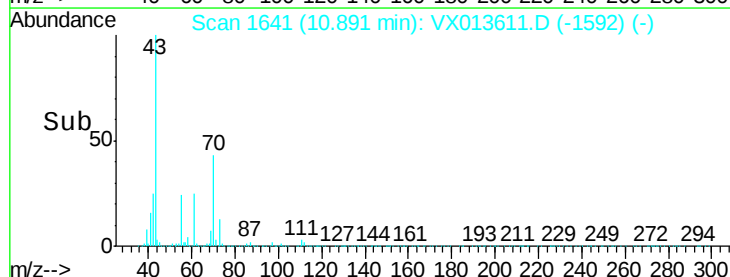
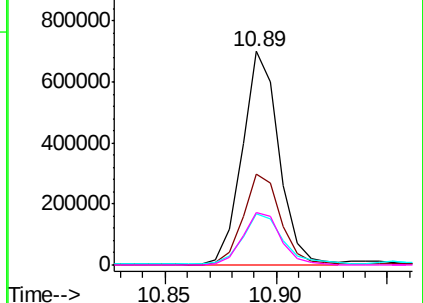


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.407 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

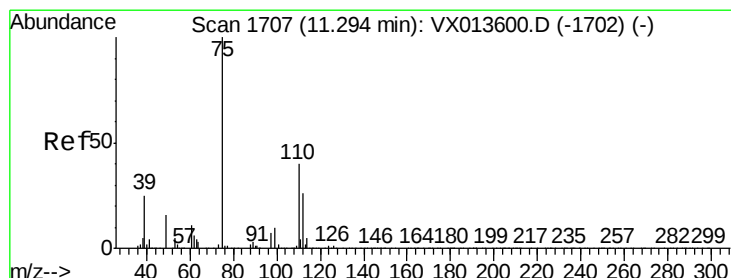
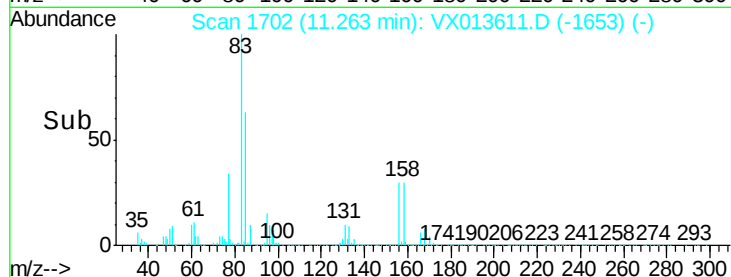
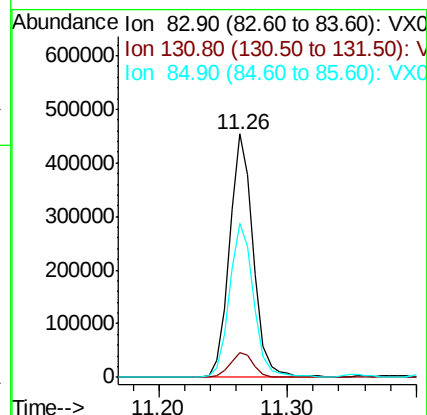
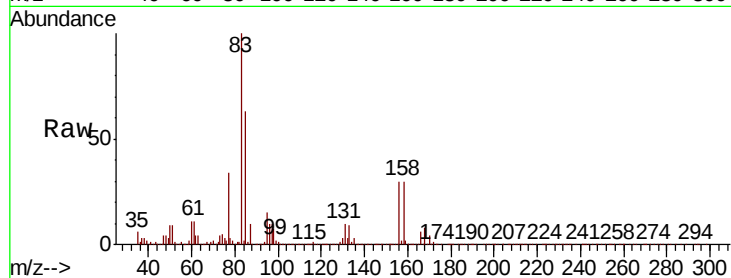
Tot Ion: 83 Resp: 584545

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 61.339 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013611.D

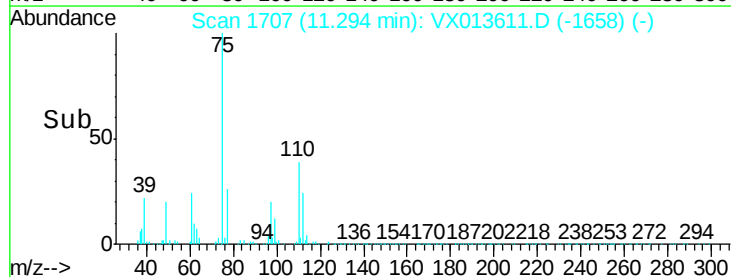
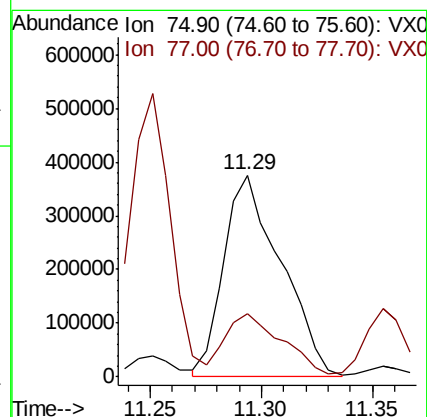
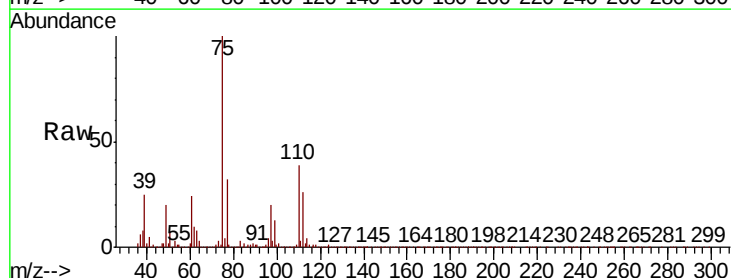
Acq: 26 Nov 2019 20:06

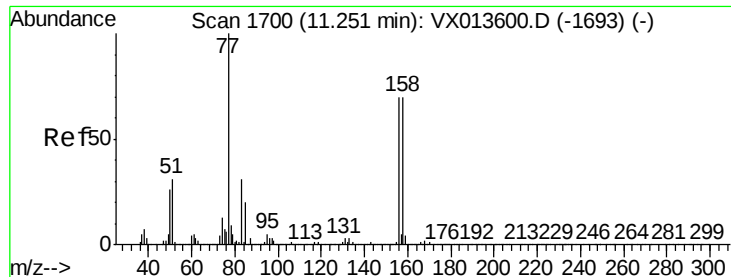
Tgt Ion: 75 Resp: 670990

Ion Ratio Lower Upper

75 100

77 31.1 19.1 57.5





#77

Bromobenzene

Concen: 48.422 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

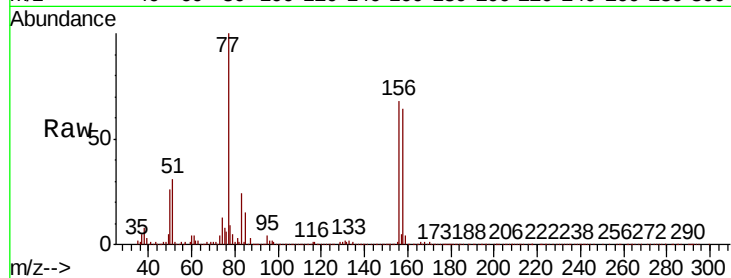
Tot Ion:156 Resp: 446280

Ion Ratio Lower Upper

156 100

77 150.6 74.4 223.1

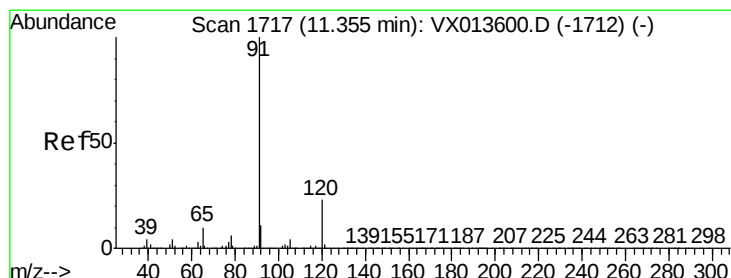
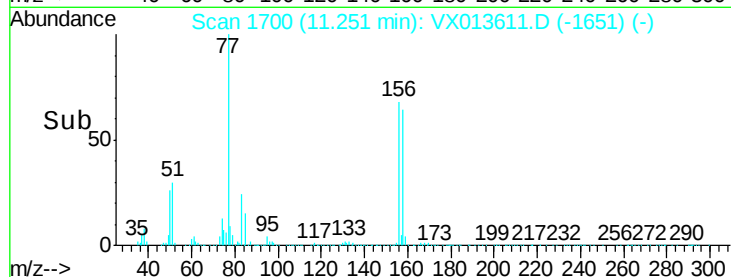
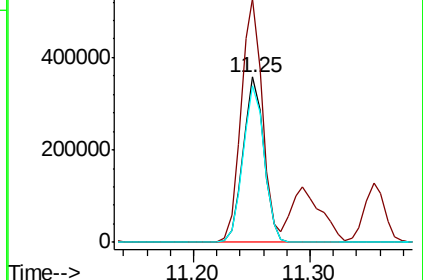
158 97.0 48.9 146.6



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: 103.270 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013611.D

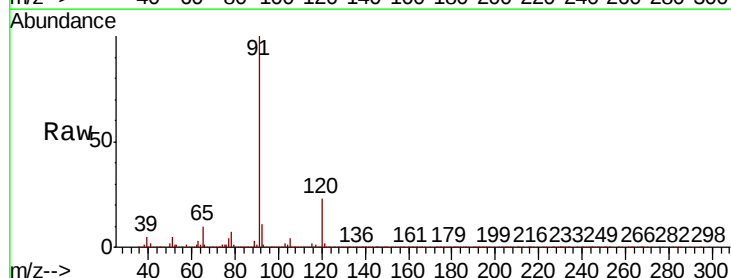
Acq: 26 Nov 2019 20:06

Tgt Ion: 91 Resp: 3932931

Ion Ratio Lower Upper

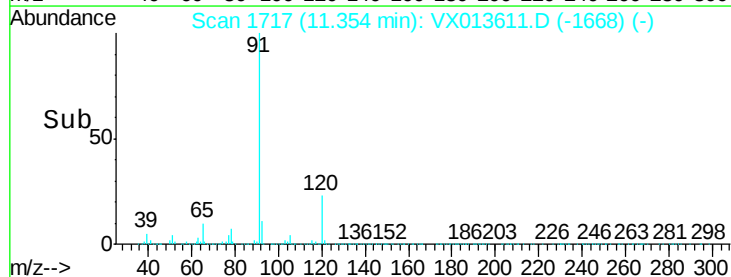
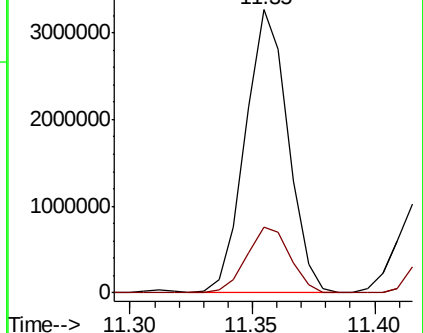
91 100

120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

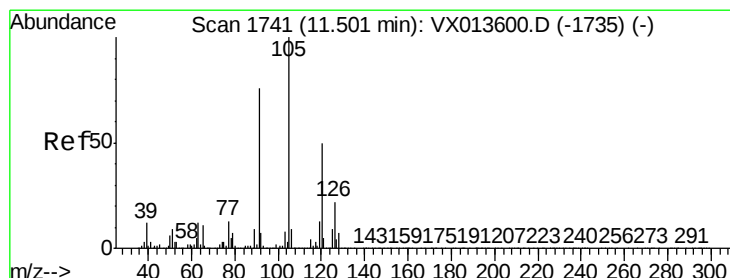
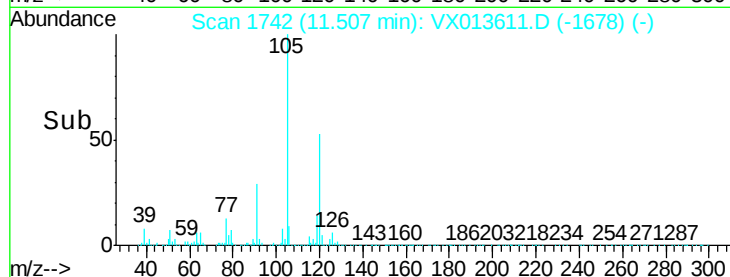
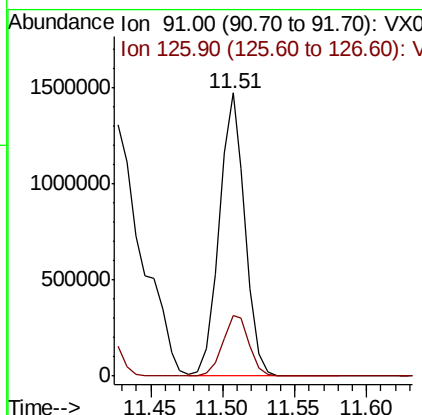
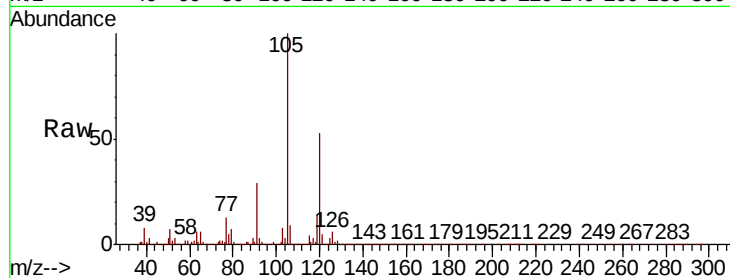




#79
 2-Chlorotoluene
 Concen: 80.034 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. 0.09 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

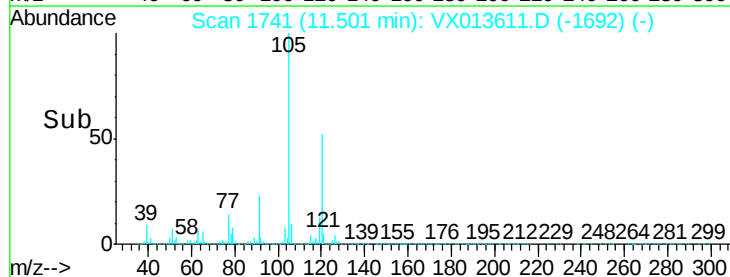
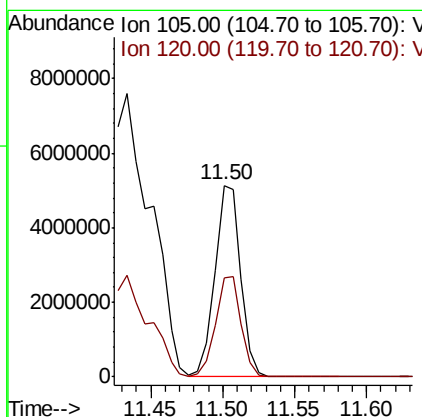
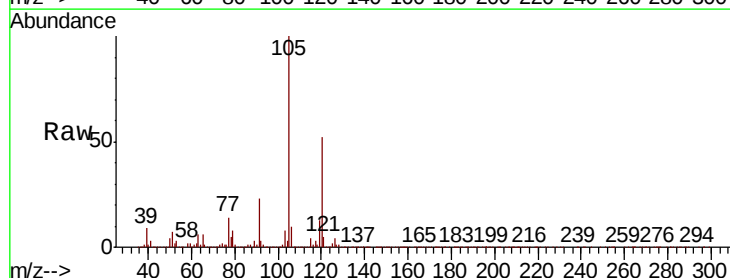
Instrument :
 MSVOA_X
 ClientSampleId :

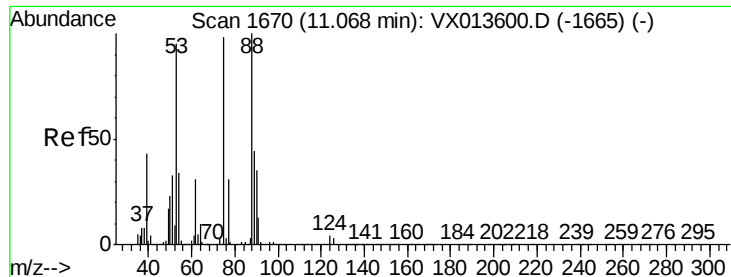
Tot Ion: 91 Resp: 1828402
 Ion Ratio Lower Upper
 91 100
 126 21.8 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 229.489 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

Tgt Ion: 105 Resp: 6416752
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.292 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

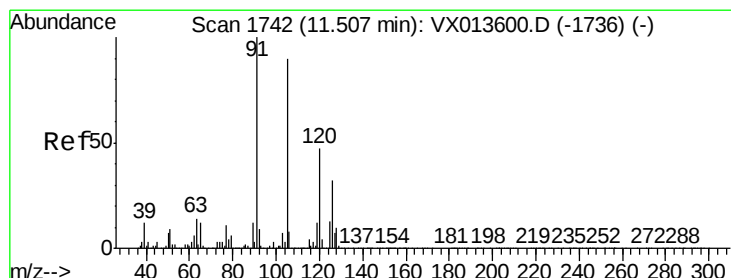
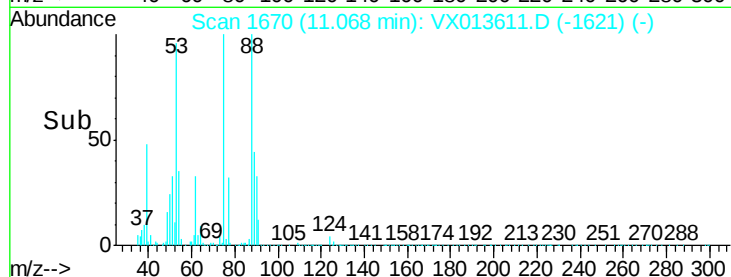
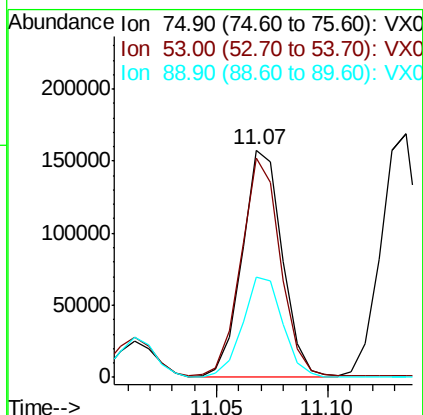
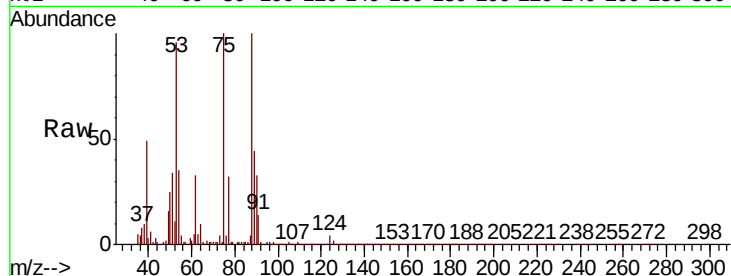
Tot Ion: 75 Resp: 197089

Ion Ratio Lower Upper

75 100

53 94.1 78.2 117.2

89 44.7 35.4 53.2



#82

4-Chlorotoluene

Concen: 69.101 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013611.D

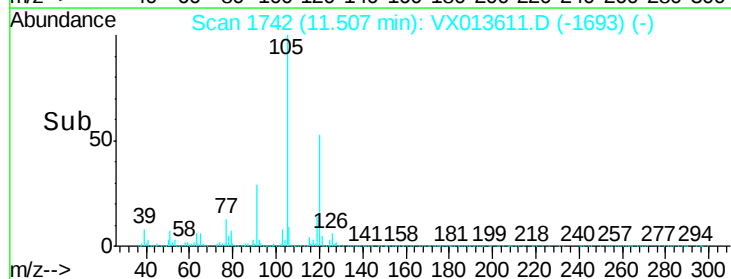
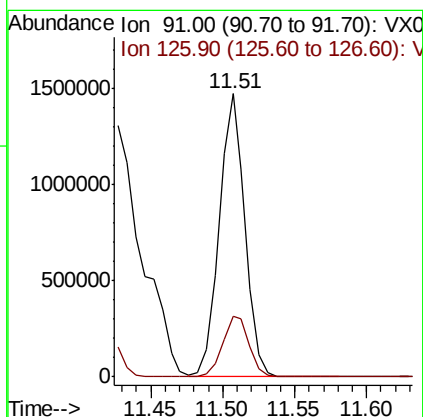
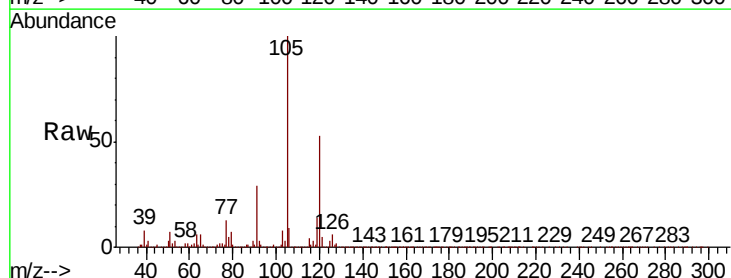
Acq: 26 Nov 2019 20:06

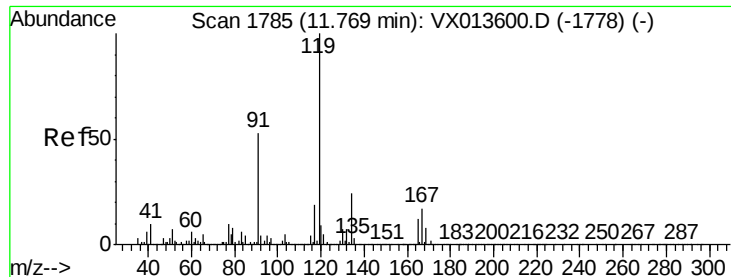
Tgt Ion: 91 Resp: 1828402

Ion Ratio Lower Upper

91 100

126 21.8 15.7 47.0





#83

tert-Butylbenzene

Concen: 49.597 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

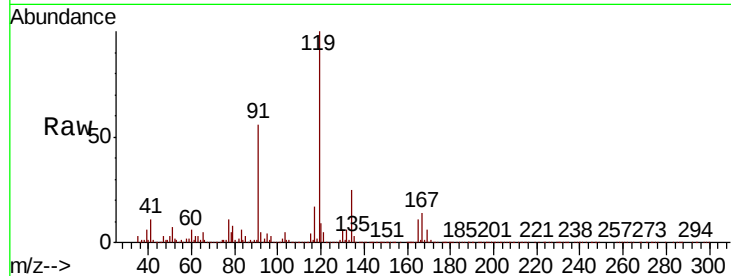
Tot Ion:119 Resp: 1409384

Ion Ratio Lower Upper

119 100

91 52.3 27.2 81.6

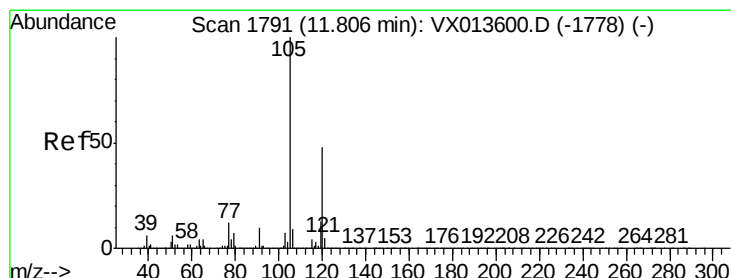
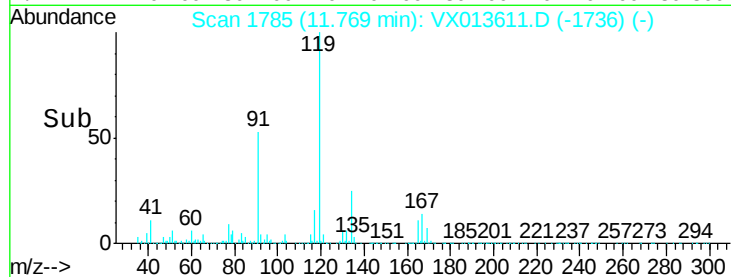
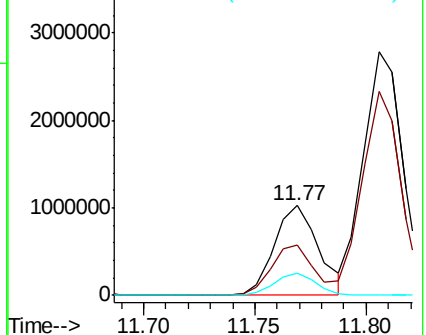
134 23.3 11.7 35.1



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: 206.239 ug/l

RT: 11.67 min Scan# 1768

Delta R.T. -0.14 min

Lab File: VX013611.D

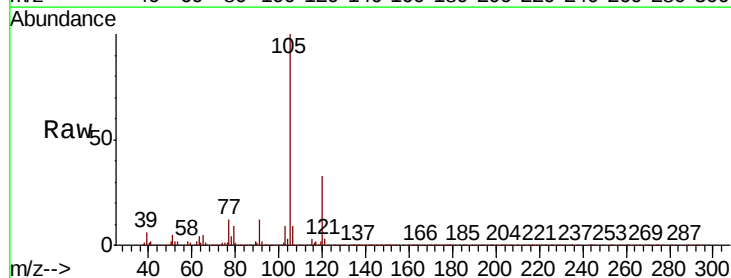
Acq: 26 Nov 2019 20:06

Tgt Ion:105 Resp: 5852591

Ion Ratio Lower Upper

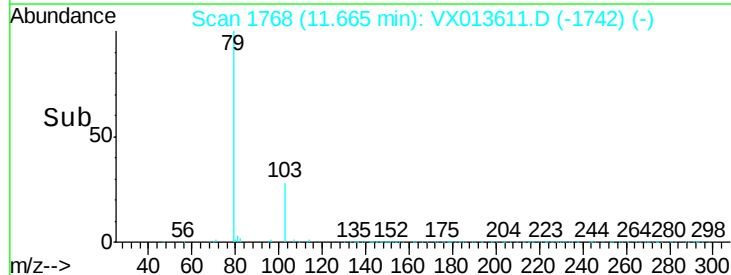
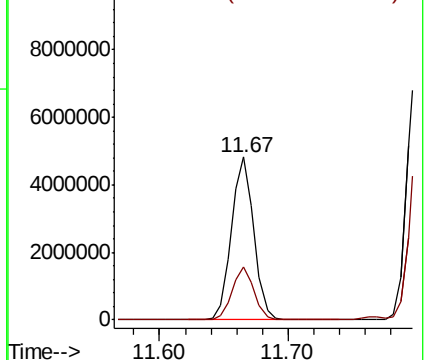
105 100

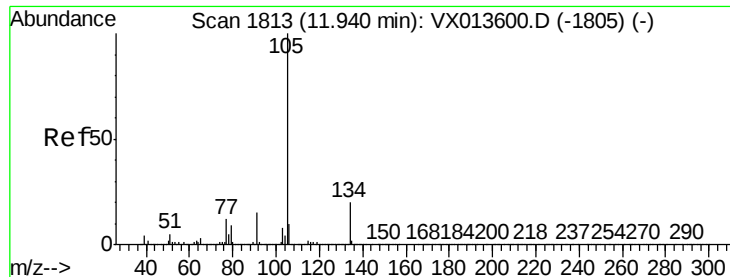
120 31.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.881 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

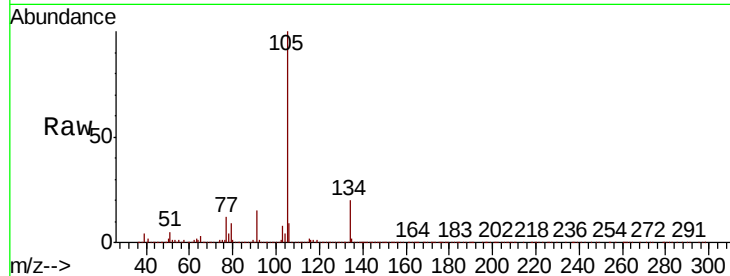
ClientSampleId :

Tot Ion:105 Resp: 1651510

Ion Ratio Lower Upper

105 100

134 21.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

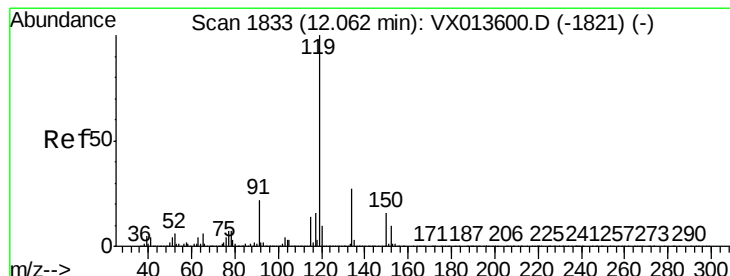
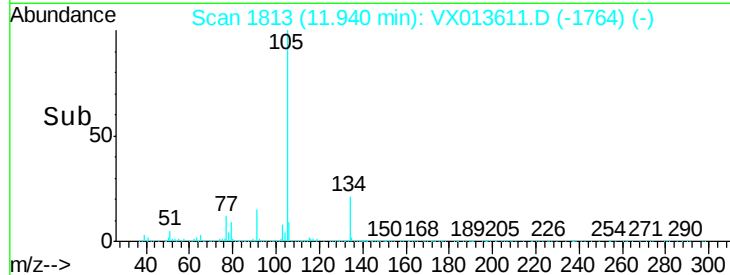
1500000

1000000

500000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 51.287 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

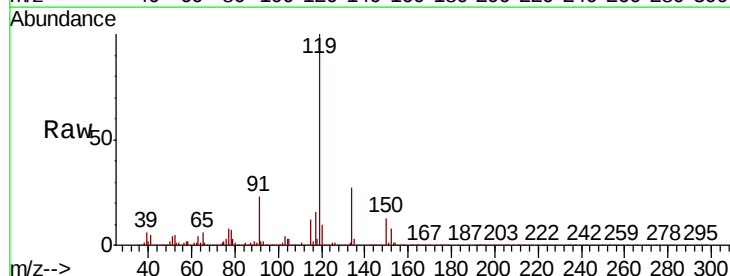
Tgt Ion:119 Resp: 1548644

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

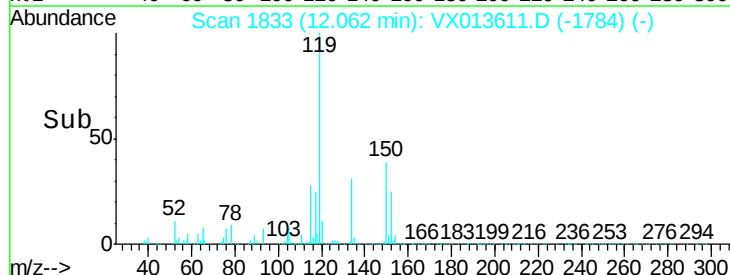
1500000

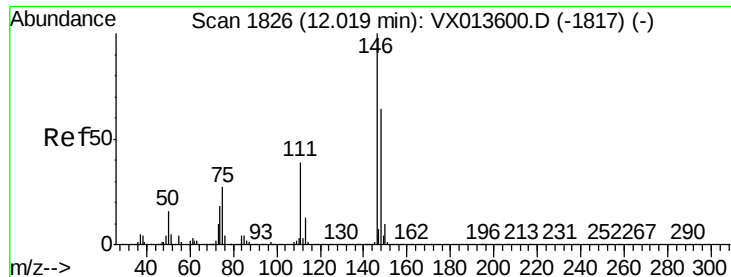
1000000

500000

0

Time--> 12.05 12.10

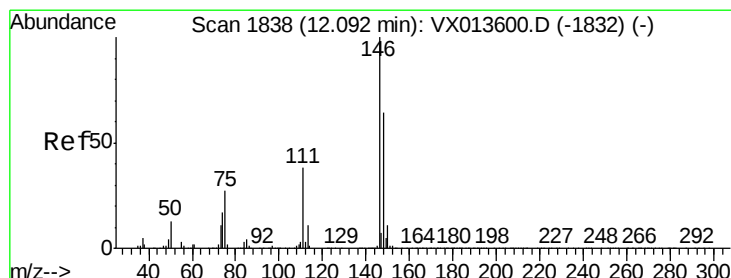
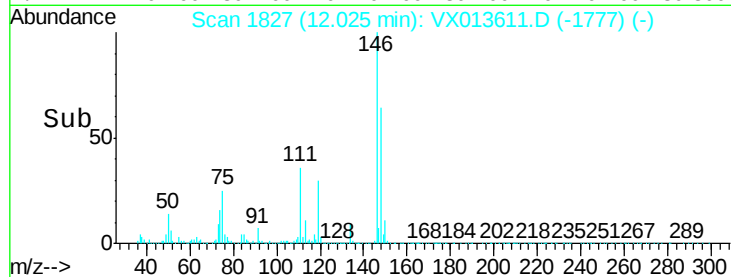
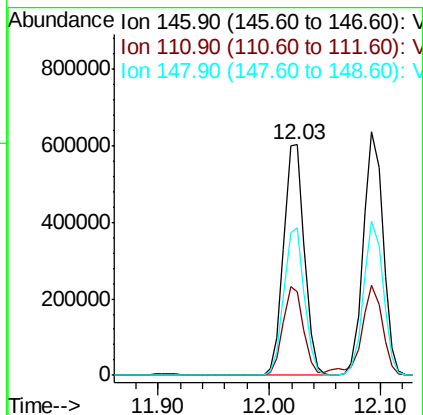
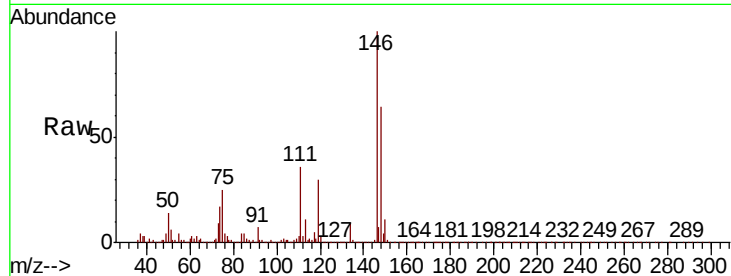




#87
 1,3-Dichlorobenzene
 Concen: 48.505 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

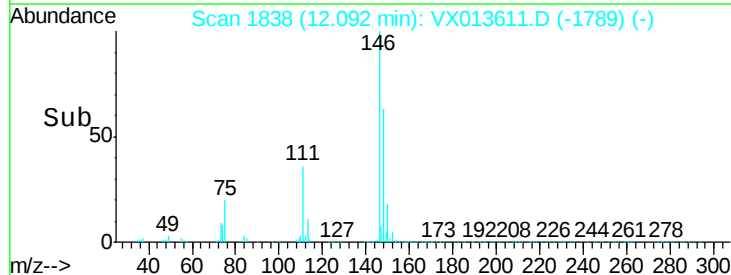
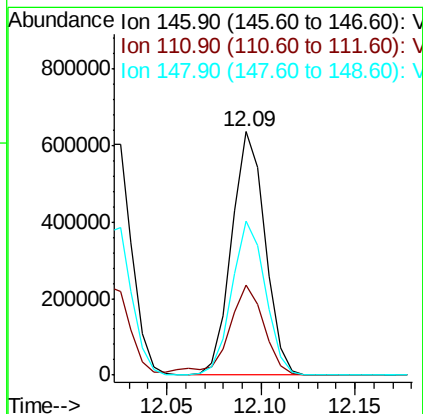
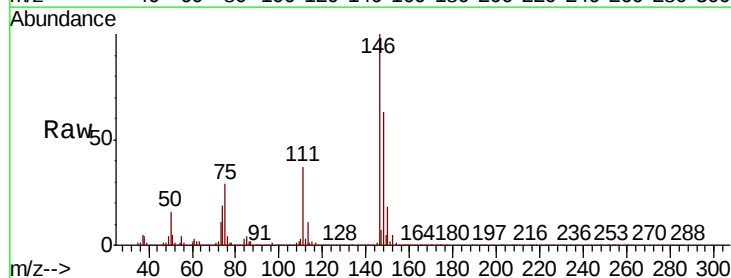
Instrument :
 MSVOA_X
 ClientSampleId :

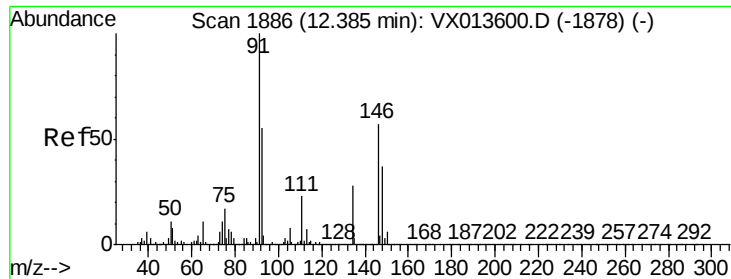
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.2	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.879 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013611.D
 Acq: 26 Nov 2019 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	63.5	31.9	95.5





#89

n-Butylbenzene

Concen: 66.971 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

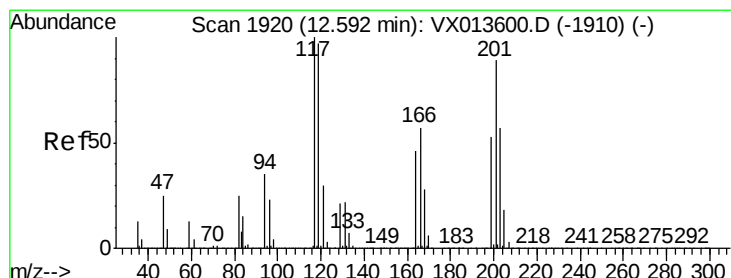
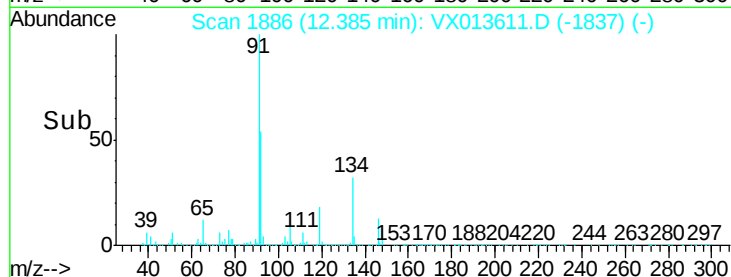
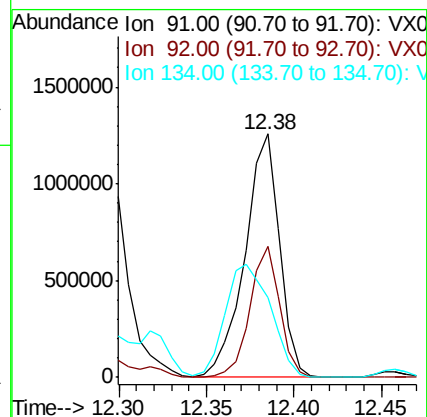
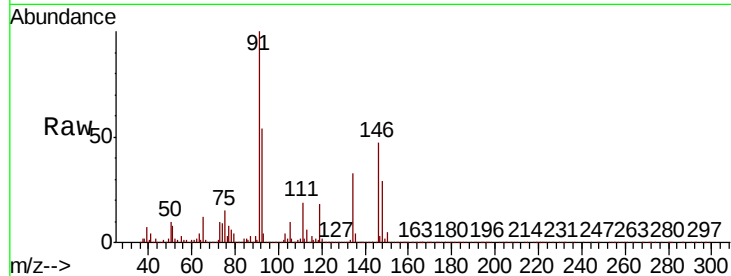
Tot Ion: 91 Resp: 1724766

Ion	Ratio	Lower	Upper
91	100		
92	46.3	27.4	82.2
134	61.0	13.5	40.4

91 100

92 46.3 27.4 82.2

134 61.0 13.5 40.4



#90

Hexachloroethane

Concen: 89.619 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013611.D

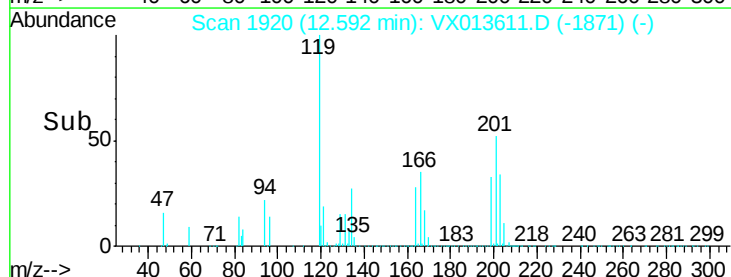
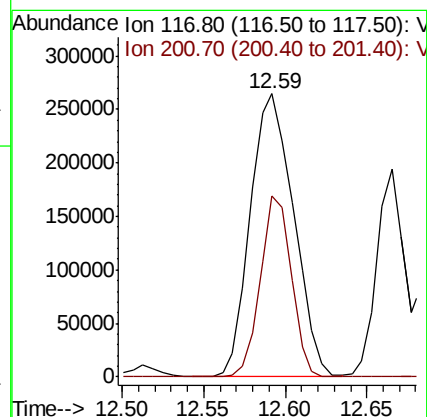
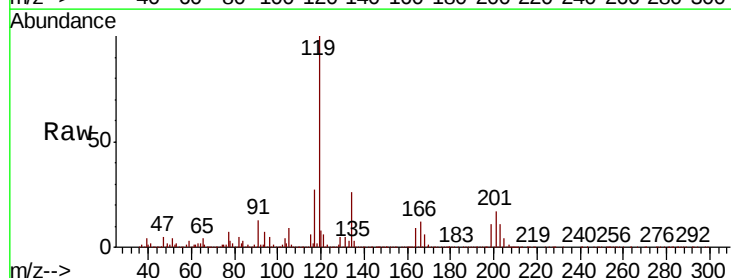
Acq: 26 Nov 2019 20:06

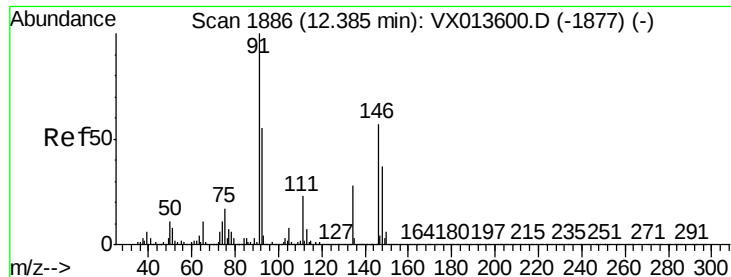
Tgt Ion: 117 Resp: 489134

Ion	Ratio	Lower	Upper
117	100		
201	45.7	44.1	132.4

117 100

201 45.7 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 47.714 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013611.D

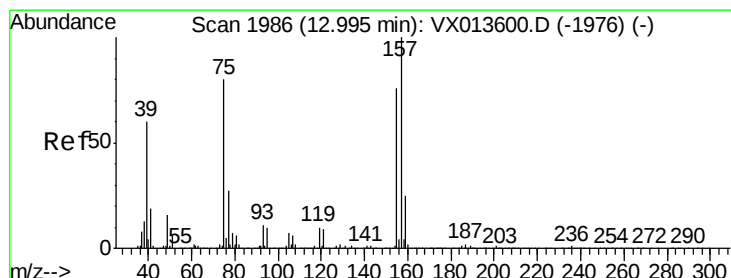
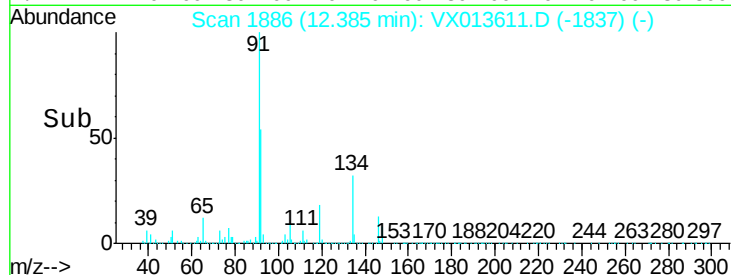
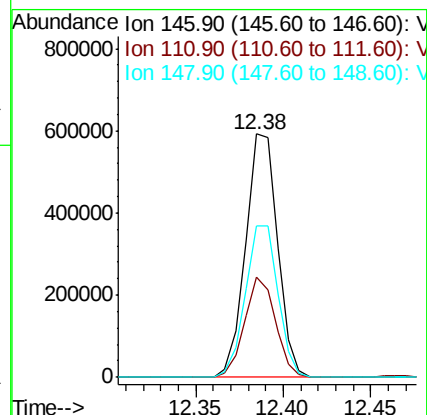
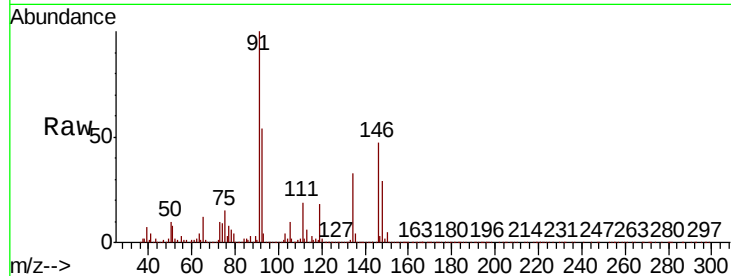
Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	757394
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	63.5	31.9	95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 60.199 ug/l

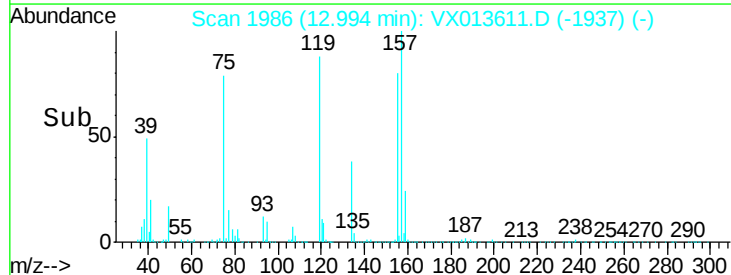
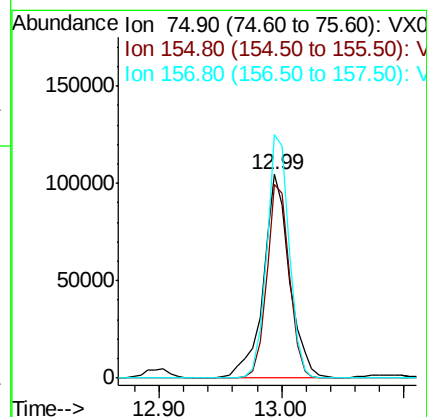
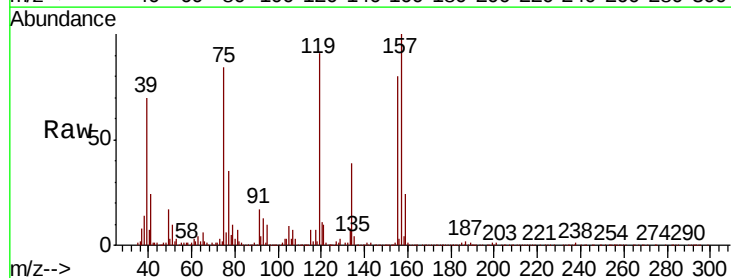
RT: 12.99 min Scan# 1986

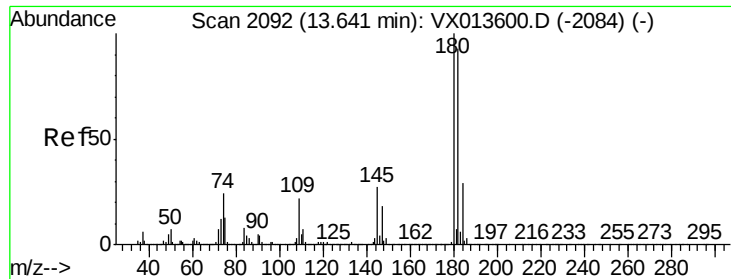
Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Tgt Ion:	75	Resp:	155098
Ion	Ratio	Lower	Upper
75	100		
155	82.7	47.6	142.8
157	103.0	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 49.674 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

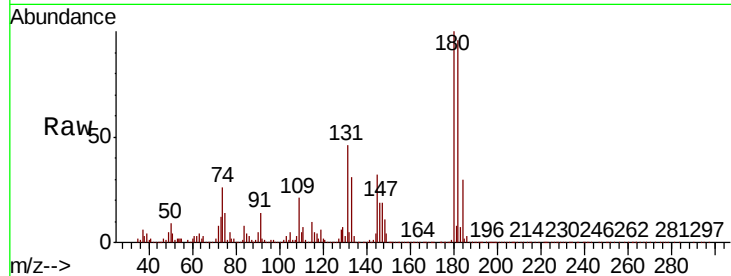
Tot Ion:180 Resp: 549531

Ion Ratio Lower Upper

180 100

182 95.0 47.2 141.6

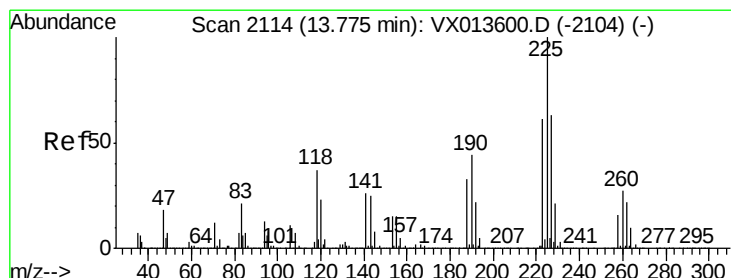
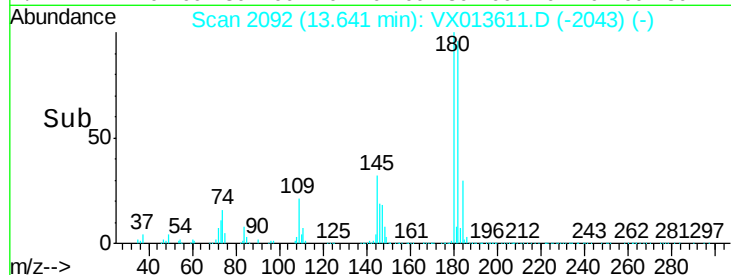
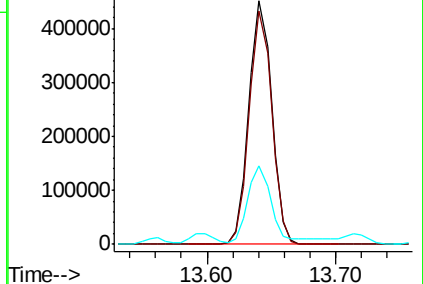
145 33.9 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 37.134 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013611.D

Acq: 26 Nov 2019 20:06

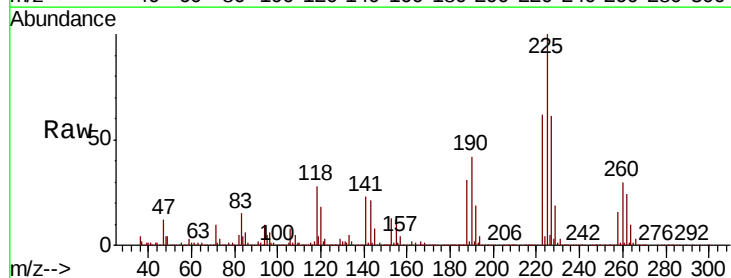
Tgt Ion:225 Resp: 197343

Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.5

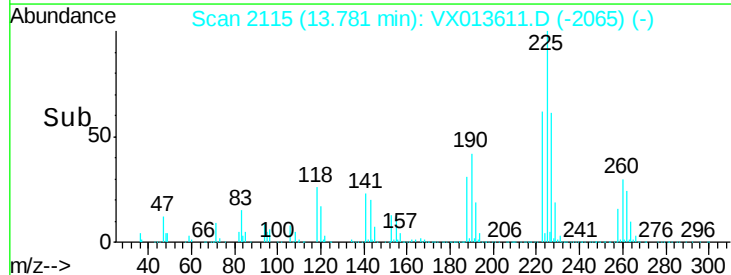
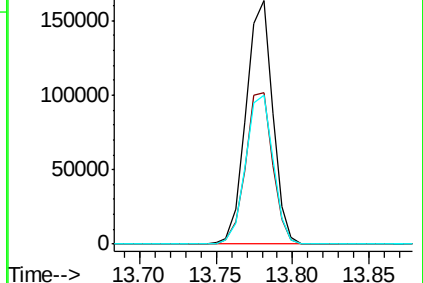
227 63.3 32.1 96.3

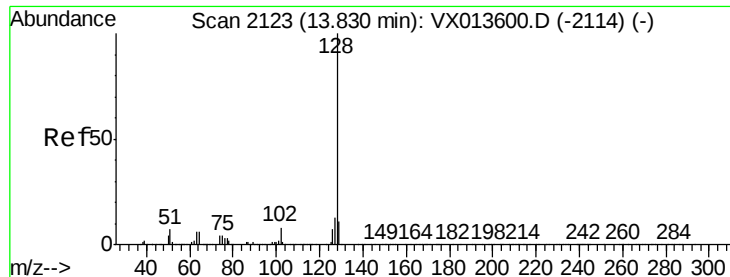


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

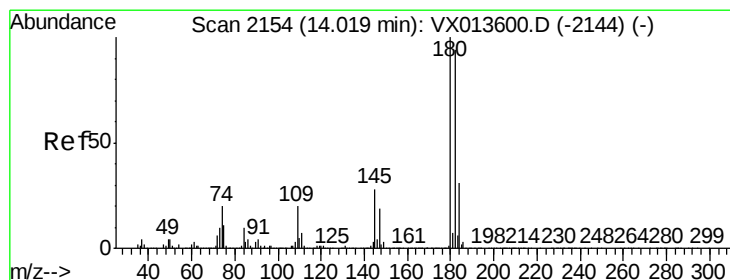
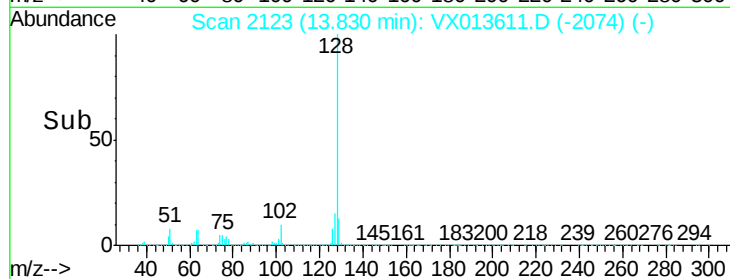
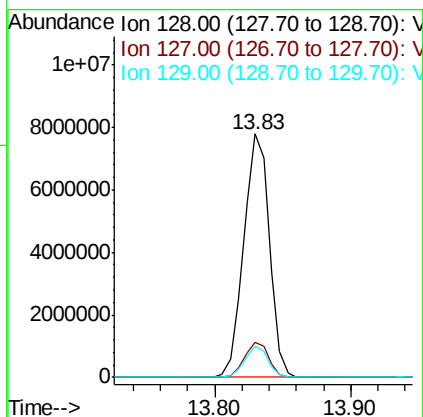
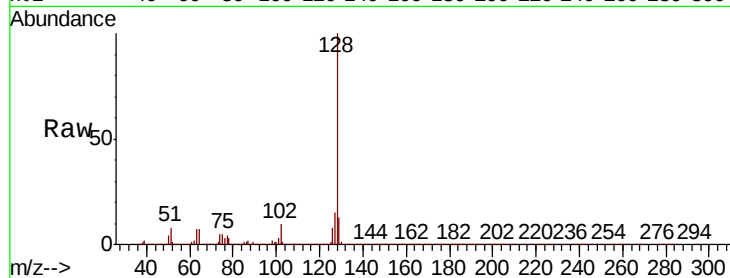




#95
Naphthalene
Concen: 309.812 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp:10206948
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 12.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.800 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013611.D
Acq: 26 Nov 2019 20:06

Tgt Ion:180 Resp: 534538
Ion Ratio Lower Upper
180 100
182 96.6 47.6 142.8
145 31.7 15.0 45.0

