

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013667.D
 Acq On : 27 Nov 2019 21:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 04:18:18 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	643963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1017501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	916088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453108	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	368353	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.56%		
35) Dibromofluoromethane	5.49	113	304928	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.96%		
50) Toluene-d8	8.71	98	1185389	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.74%		
62) 4-Bromofluorobenzene	11.13	95	426687	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.56%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	376115	52.474	ug/l	99
3) Chloromethane	1.32	50	411192	51.127	ug/l	99
4) Vinyl Chloride	1.40	62	478848	52.899	ug/l	99
5) Bromomethane	1.63	94	280665	46.168	ug/l	100
6) Chloroethane	1.71	64	262264	50.914	ug/l	99
7) Trichlorofluoromethane	1.92	101	510604	50.798	ug/l	99
8) Diethyl Ether	2.18	74	236049	51.908	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	308306	50.216	ug/l	98
10) Methyl Iodide	2.50	142	352766	47.498	ug/l	100
11) Tert butyl alcohol	3.03	59	412285	223.453	ug/l	99
12) 1,1-Dichloroethene	2.36	96	313940	51.227	ug/l	99
13) Acrolein	2.28	56	266881	217.096	ug/l	99
14) Allyl chloride	2.72	41	559177	50.279	ug/l	99
15) Acrylonitrile	3.13	53	978816	257.006	ug/l	99
16) Acetone	2.43	43	849846	230.281	ug/l	99
17) Carbon Disulfide	2.56	76	830873	47.559	ug/l	99
18) Methyl Acetate	2.77	43	550200	53.539	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1049516	51.695	ug/l	98
20) Methylene Chloride	2.85	84	356017	50.214	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	336010	50.329	ug/l	99
22) Diisopropyl ether	3.84	45	1115881	52.108	ug/l	97
23) Vinyl Acetate	3.80	43	4643725	260.665	ug/l	100
24) 1,1-Dichloroethane	3.69	63	608925	52.015	ug/l	99
25) 2-Butanone	4.66	43	1369082	249.616	ug/l	99
26) 2,2-Dichloropropane	4.57	77	440920	45.522	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	383016	49.957	ug/l	98
28) Bromochloromethane	5.00	49	255864	55.308	ug/l	98
29) Tetrahydrofuran	5.12	42	878841	259.921	ug/l	99
30) Chloroform	5.20	83	591829	49.849	ug/l	97
31) Cyclohexane	5.57	56	547835	49.614	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	499198	50.315	ug/l	100
36) 1,1-Dichloropropene	5.79	75	456877	49.465	ug/l	100
37) Ethyl Acetate	4.82	43	528998	51.053	ug/l	100
38) Carbon Tetrachloride	5.78	117	428161	50.273	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	543888	47.638	ug/l	100
40) Benzene	6.14	78	1392602	49.504	ug/l	100
41) Methacrylonitrile	5.03	41	293684	51.681	ug/l	98
42) 1,2-Dichloroethane	6.19	62	479405	49.970	ug/l	99
43) Isopropyl Acetate	6.44	43	857524	50.269	ug/l	99
44) Trichloroethene	7.20	130	370646	48.008	ug/l	98
45) 1,2-Dichloropropane	7.51	63	357610	50.809	ug/l	96
46) Dibromomethane	7.65	93	233881	48.927	ug/l	100
47) Bromodichloromethane	7.89	83	463295	51.267	ug/l	99
48) Methyl methacrylate	7.76	41	426103	51.409	ug/l	98
49) 1,4-Dioxane	7.73	88	167480	902.723	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2718357	253.333	ug/l	100
52) Toluene	8.78	92	868457	49.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	506810	49.271	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	564786	50.258	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	355248	50.443	ug/l	99
56) Ethyl methacrylate	9.17	69	582338	51.432	ug/l	98
57) 1,3-Dichloropropane	9.37	76	603226	49.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1106995	249.363	ug/l	100
59) 2-Hexanone	9.49	43	2058129	245.926	ug/l	99
60) Dibromochloromethane	9.58	129	375889	51.431	ug/l	100
61) 1,2-Dibromoethane	9.67	107	372643	49.542	ug/l	100
64) Tetrachloroethene	9.33	164	340346	49.819	ug/l	99
65) Chlorobenzene	10.14	112	936641	49.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	348214	50.984	ug/l	100
67) Ethyl Benzene	10.25	91	1649013	50.454	ug/l	99
68) m/p-Xylenes	10.36	106	1259284	100.638	ug/l	100
69) o-Xylene	10.70	106	614833	50.380	ug/l	99
70) Styrene	10.71	104	1057888	51.531	ug/l	99
71) Bromoform	10.86	173	292166	51.700	ug/l #	99
73) Isopropylbenzene	11.01	105	1607095	50.563	ug/l	99
74) N-amyl acetate	10.89	43	760228	52.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	565407	51.296	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	623432	61.174	ug/l	88
77) Bromobenzene	11.25	156	424915	49.486	ug/l	99
78) n-propylbenzene	11.35	91	1822472	51.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	1077000	50.602	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1349444	51.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	183262	49.197	ug/l	99
82) 4-Chlorotoluene	11.51	91	1240290	50.314	ug/l	99
83) tert-Butylbenzene	11.76	119	1356457	51.237	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1354642	51.239	ug/l	99
85) sec-Butylbenzene	11.94	105	1550251	51.266	ug/l	100
86) p-Isopropyltoluene	12.06	119	1418816	50.435	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	742075	49.579	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	735326	48.232	ug/l	98
89) n-Butylbenzene	12.39	91	1226573	51.121	ug/l	99
90) Hexachloroethane	12.59	117	253488	49.852	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	739093	49.977	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	122050	50.848	ug/l	98

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QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

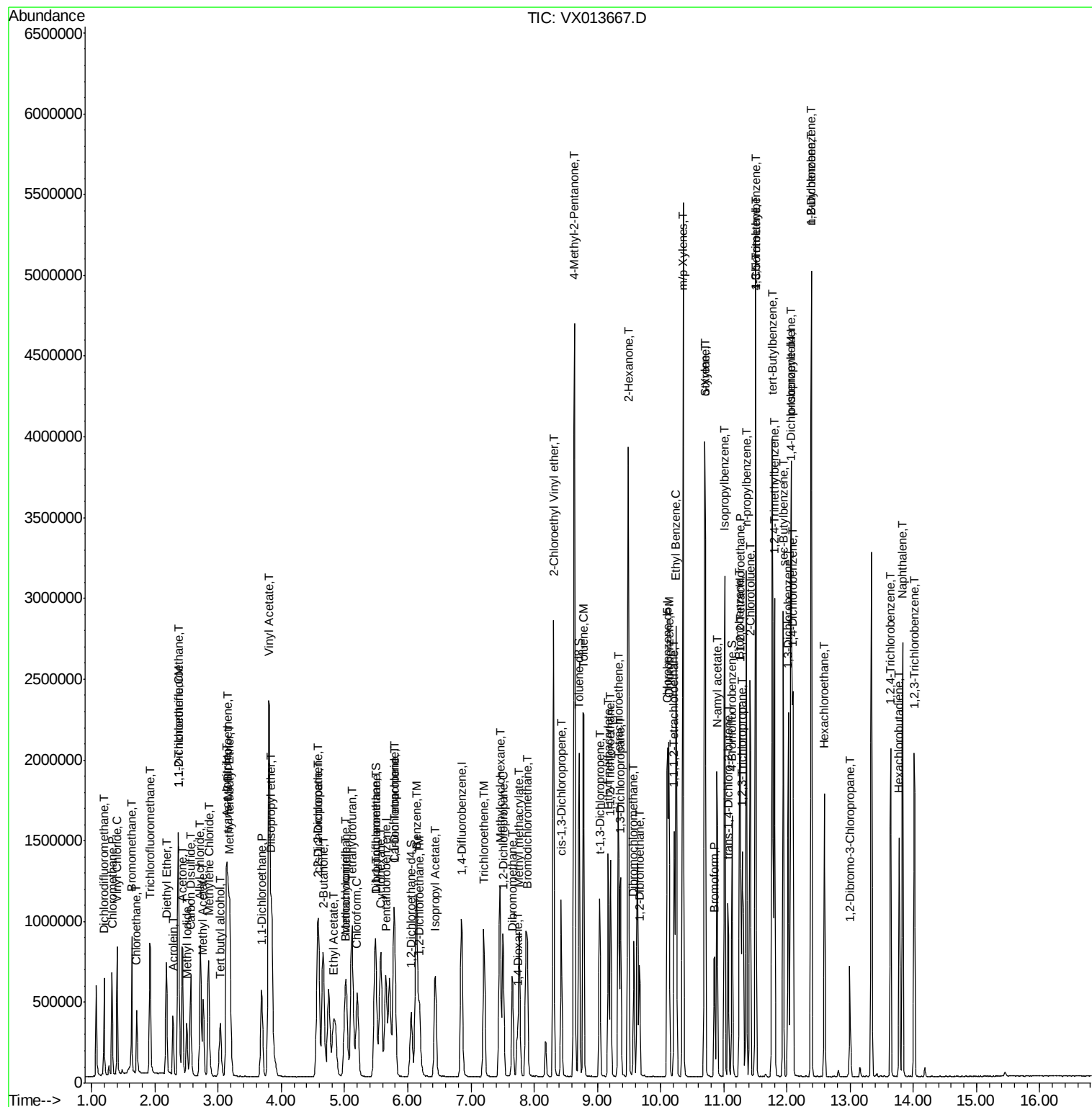
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	499898	48.503	ug/l	98
94) Hexachlorobutadiene	13.78	225	234805	47.425	ug/l	99
95) Naphthalene	13.83	128	1607018	52.357	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	516881	50.651	ug/l	100

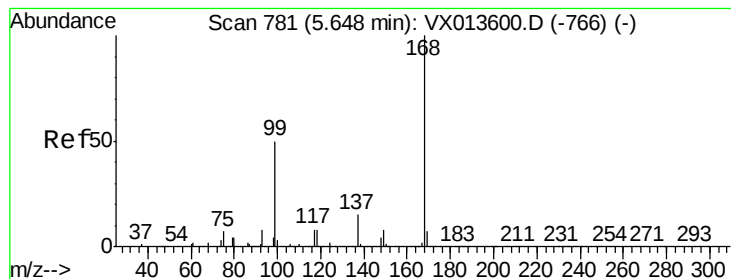
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

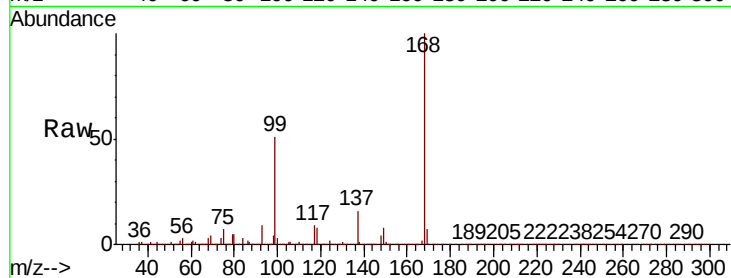
ClientSampled :

Tot Ion:168 Resp: 643963

Ion Ratio Lower Upper

168 100

99 50.7 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

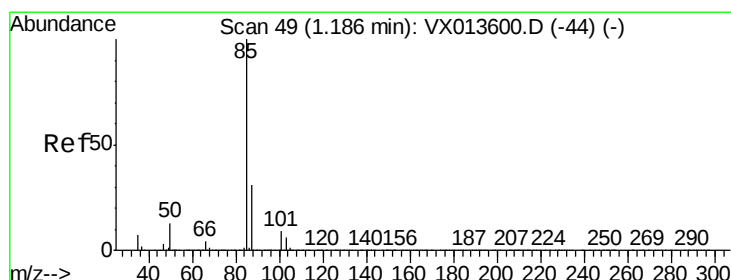
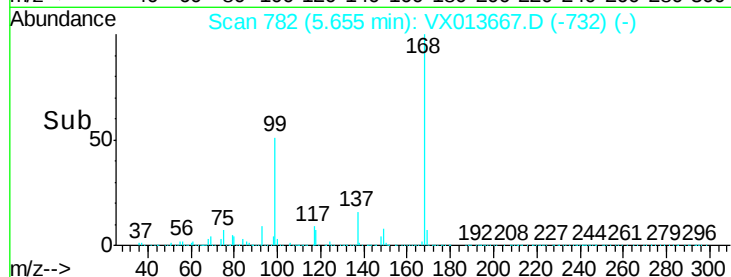
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.474 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013667.D

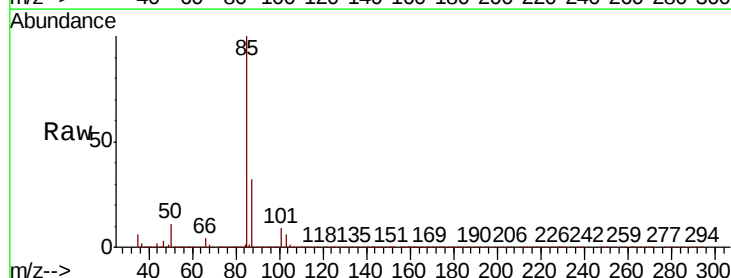
Acq: 27 Nov 2019 21:41

Tgt Ion: 85 Resp: 376115

Ion Ratio Lower Upper

85 100

87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

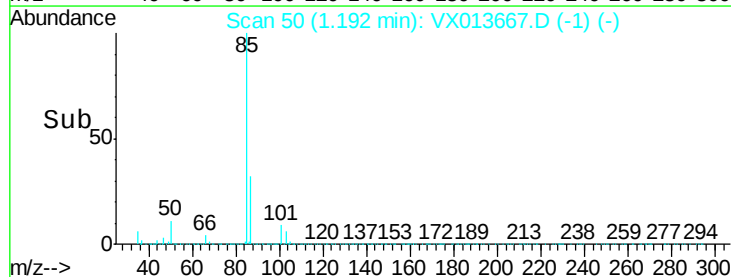
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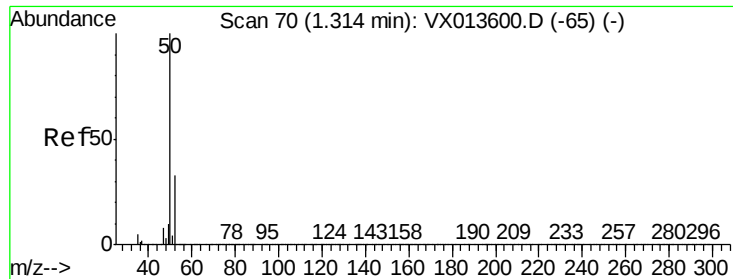
200000

100000

0

Time-->

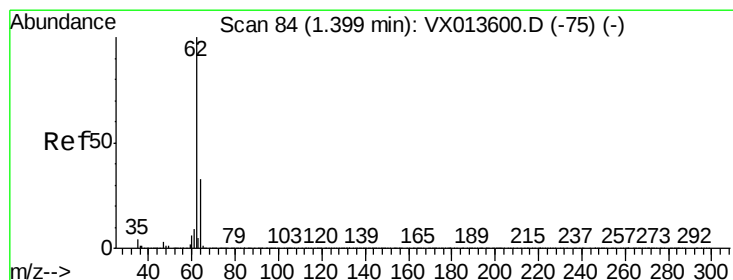
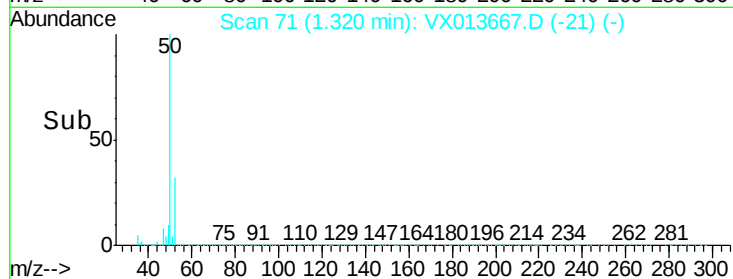
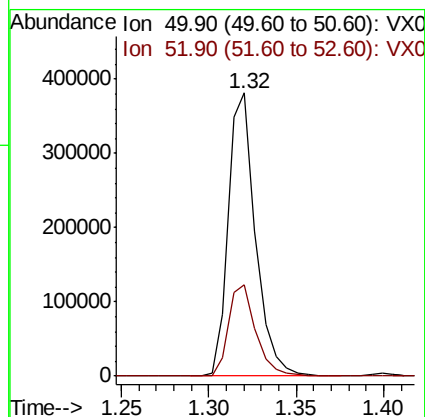
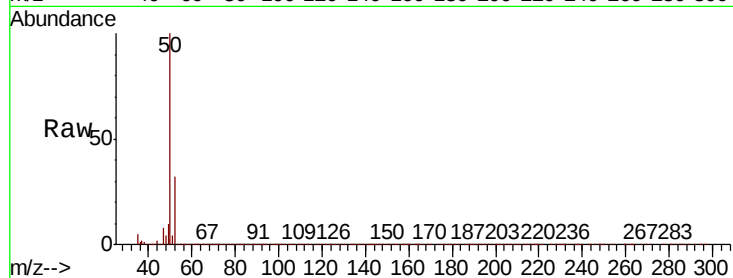




#3
Chloromethane
Concen: 51.127 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

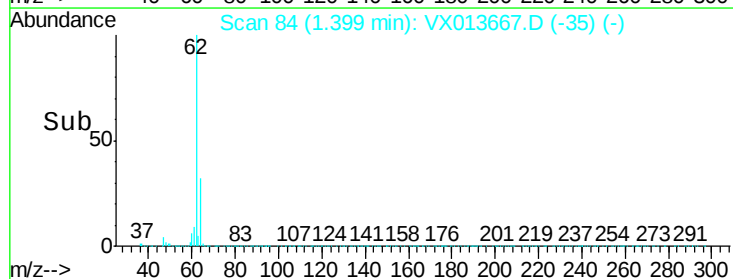
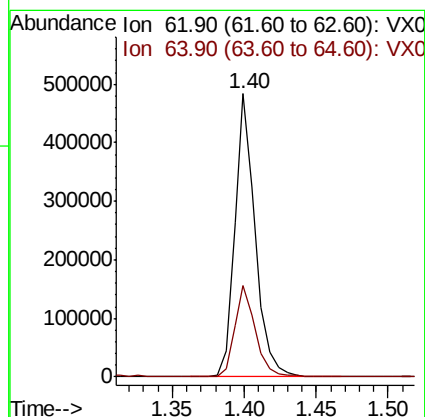
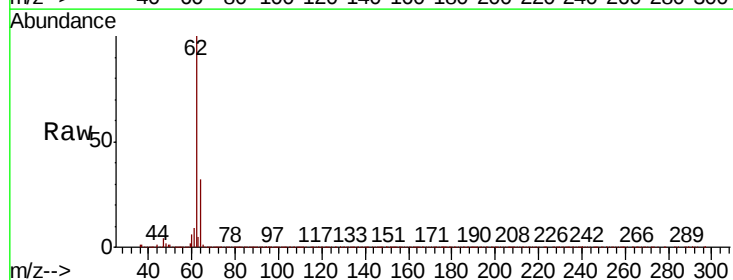
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 411192
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 52.899 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 62 Resp: 478848
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5

Bromomethane

Concen: 46.168 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

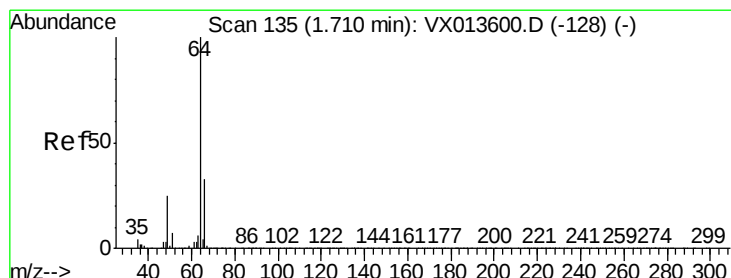
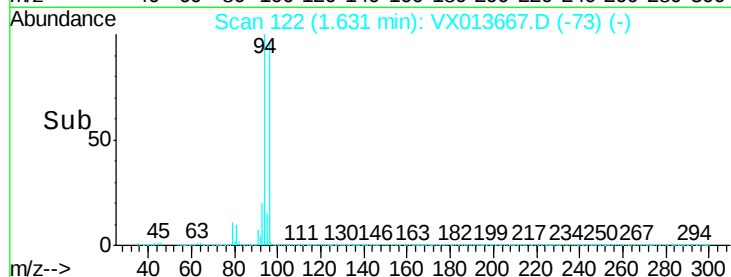
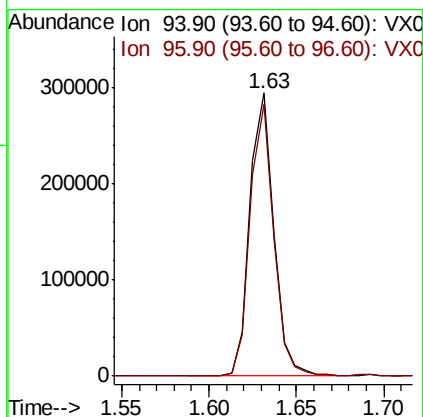
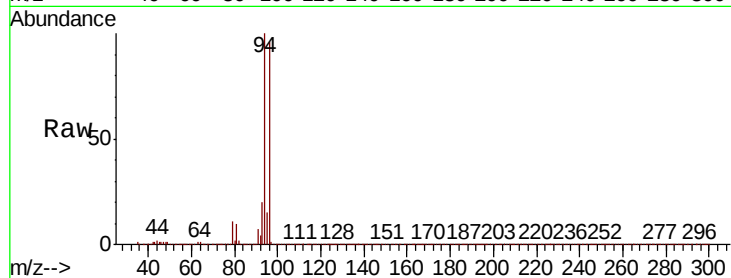
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 280665

Ion Ratio Lower Upper

94 100

96 96.1 77.0 115.4



#6

Chloroethane

Concen: 50.914 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013667.D

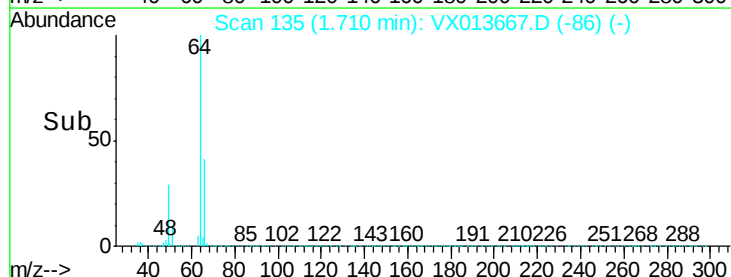
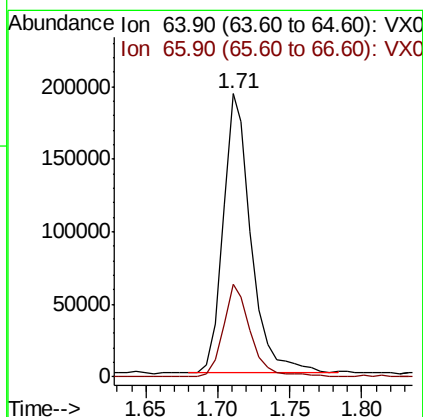
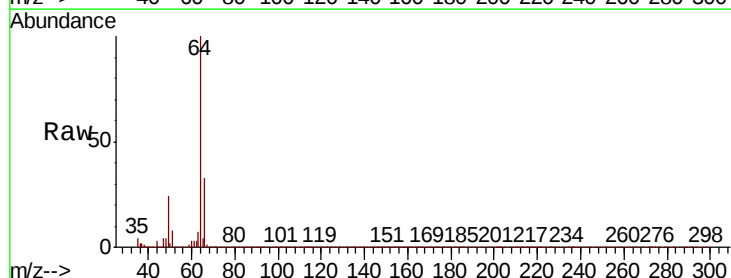
Acq: 27 Nov 2019 21:41

Tgt Ion: 64 Resp: 262264

Ion Ratio Lower Upper

64 100

66 32.8 26.7 40.1



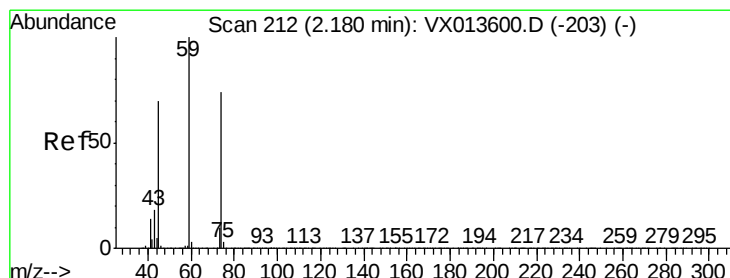
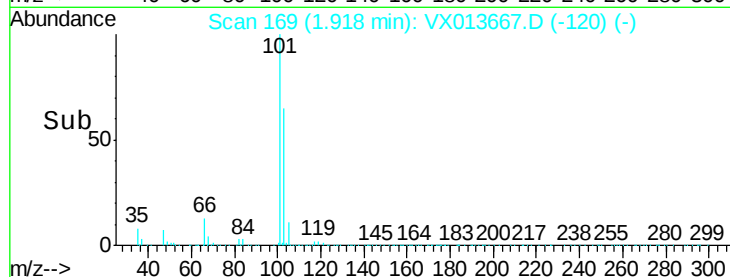
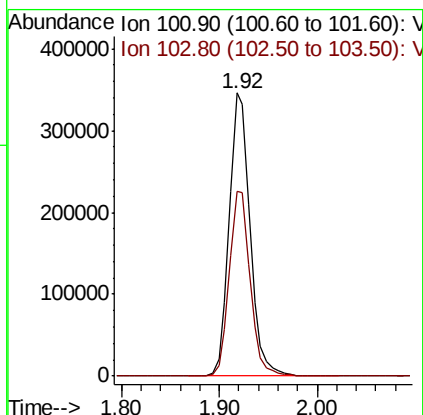
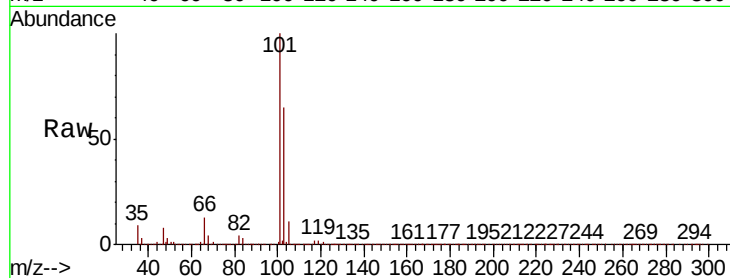


#7

Trichlorofluoromethane
Concen: 50.798 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013667.D
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Instrument :
MSVOA_X
ClientSampleId :

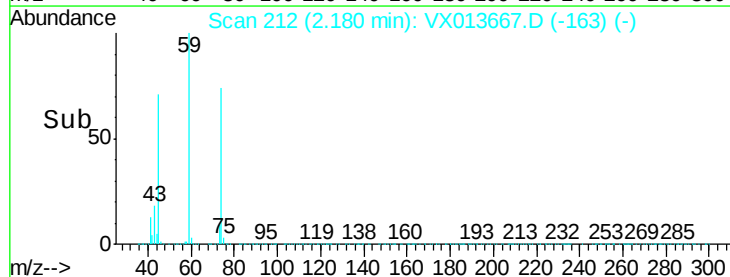
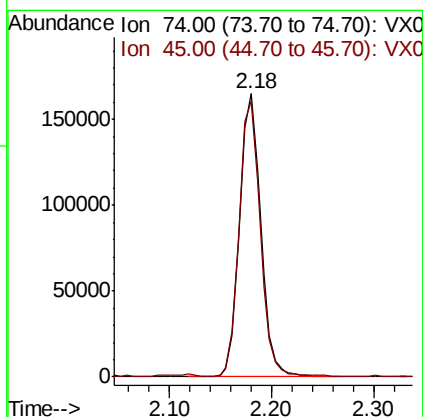
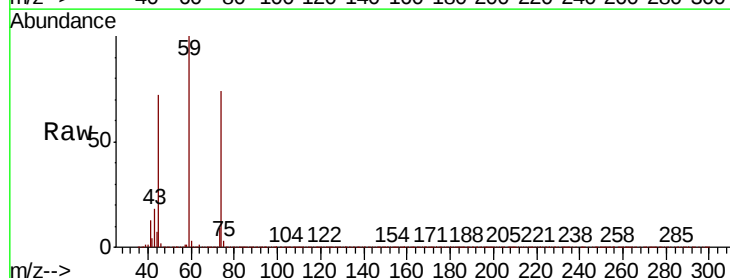
Tot Ion:101 Resp: 510604
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

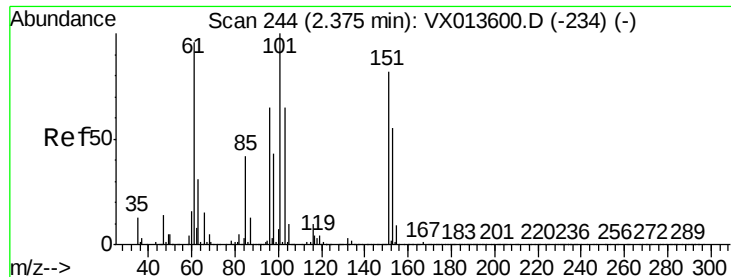


#8

Diethyl Ether
Concen: 51.908 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 74 Resp: 236049
Ion Ratio Lower Upper
74 100
45 96.9 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.216 ug/l

RT: 2.37 min Scan# 244

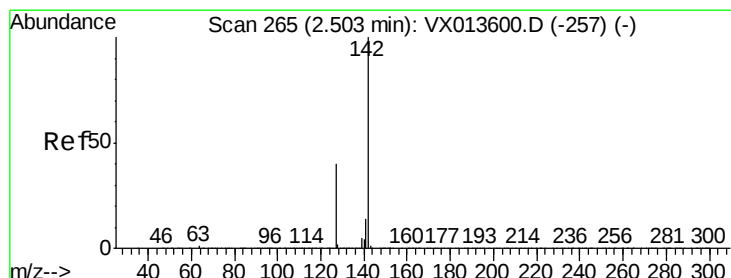
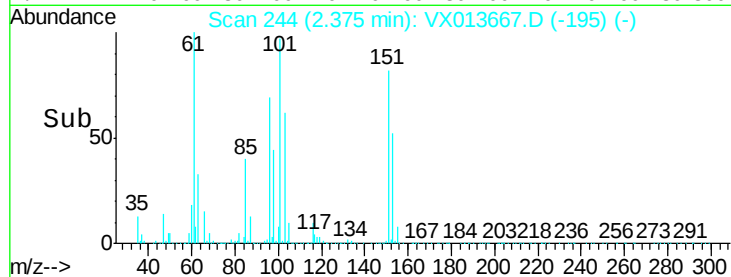
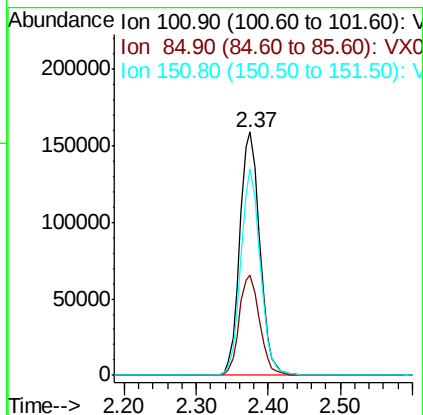
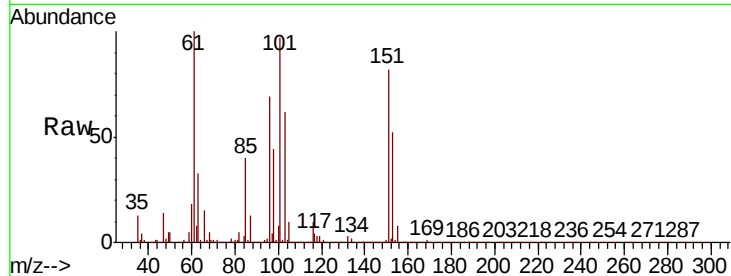
Delta R.T. 0.00 min

Lab File: VX013667.D

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Tot Ion:	101	Resp:	308306
Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.9	50.9
151	82.0	64.2	96.2



#10

Methyl Iodide

Concen: 47.498 ug/l

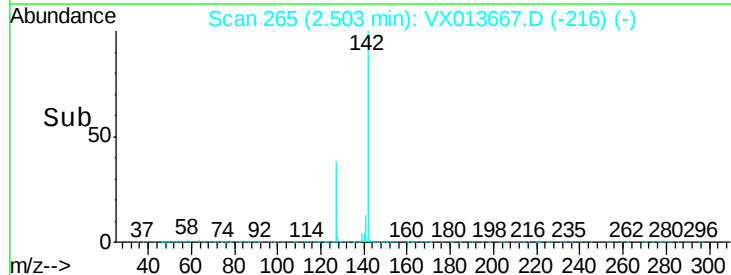
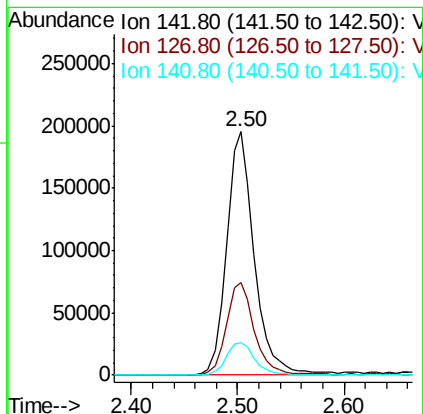
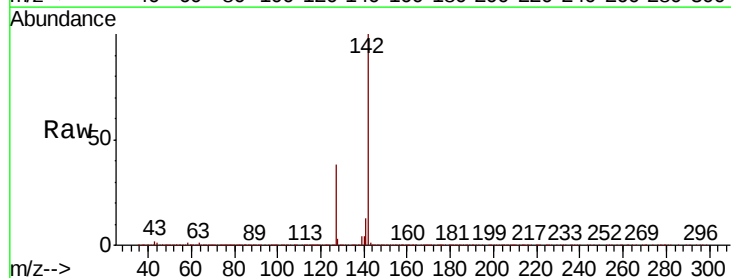
RT: 2.50 min Scan# 265

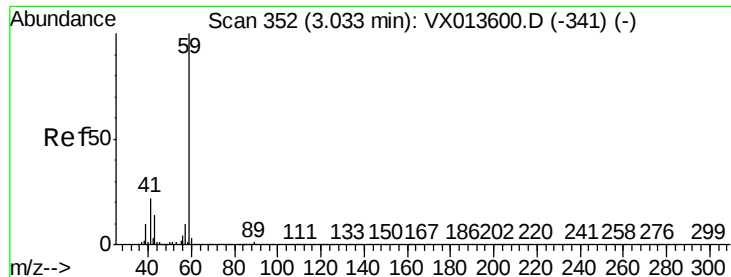
Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion:	142	Resp:	352766
Ion	Ratio	Lower	Upper
142	100		
127	38.9	31.0	46.4
141	14.2	11.6	17.4



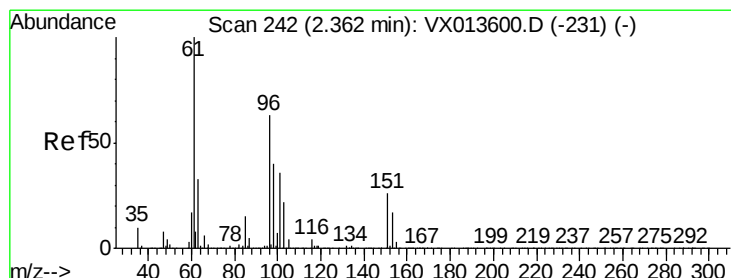
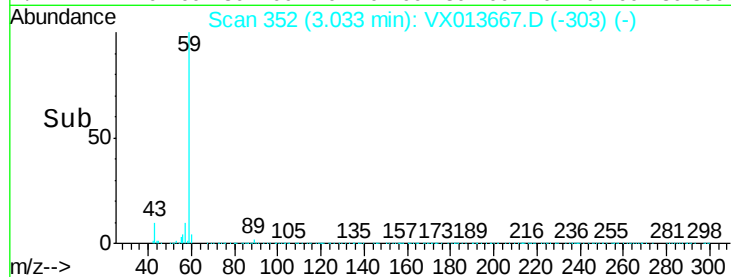
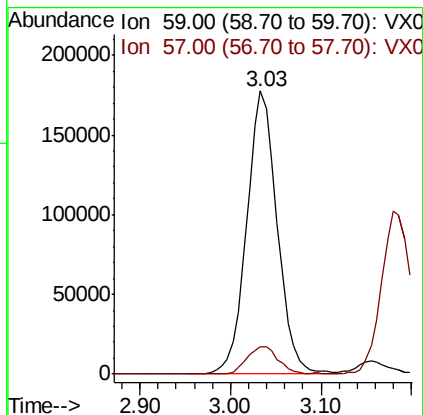
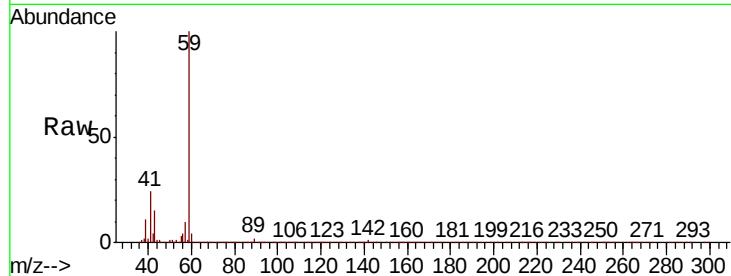


#11

Tert butyl alcohol
Concen: 223.453 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :

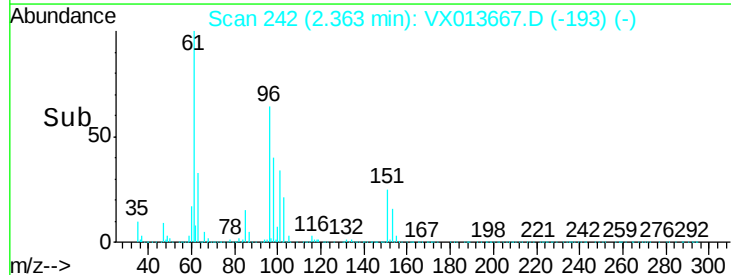
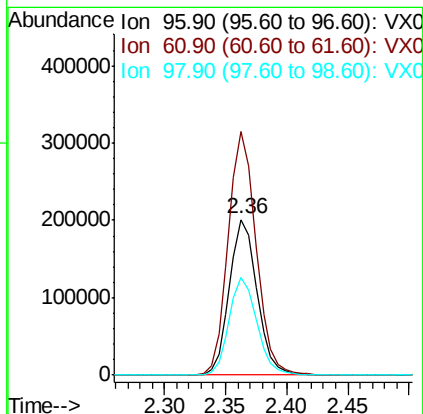
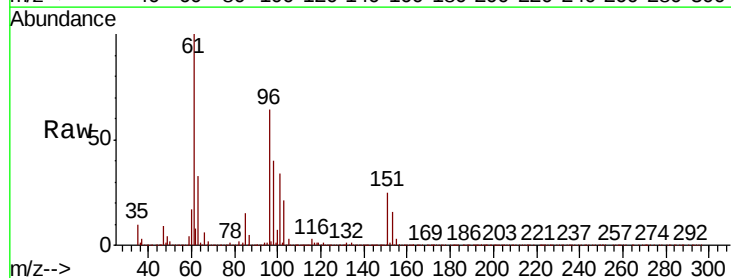
Tot Ion: 59 Resp: 412285
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.6

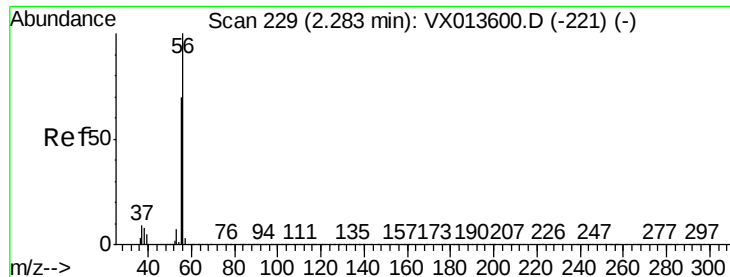


#12

1,1-Dichloroethene
Concen: 51.227 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 96 Resp: 313940
Ion Ratio Lower Upper
96 100
61 156.4 126.6 190.0
98 62.8 50.6 76.0





#13

Acrolein

Concen: 217.096 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

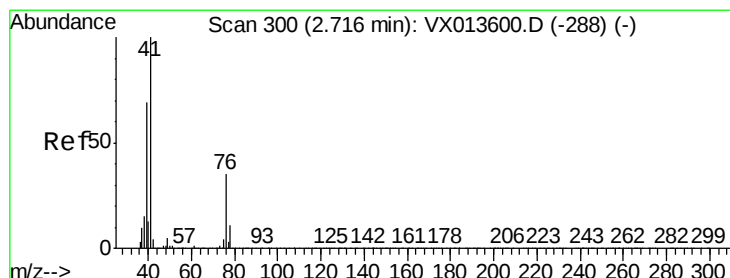
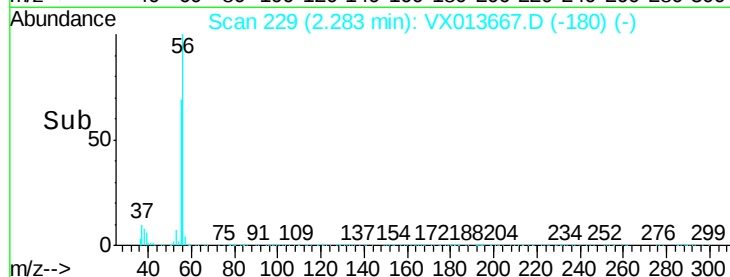
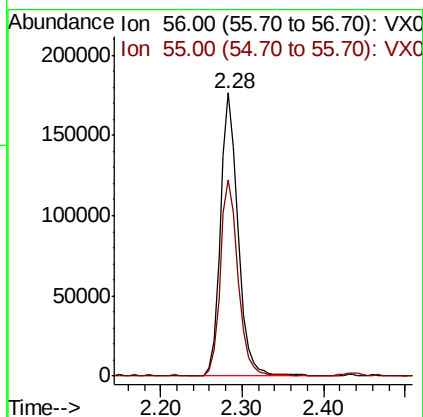
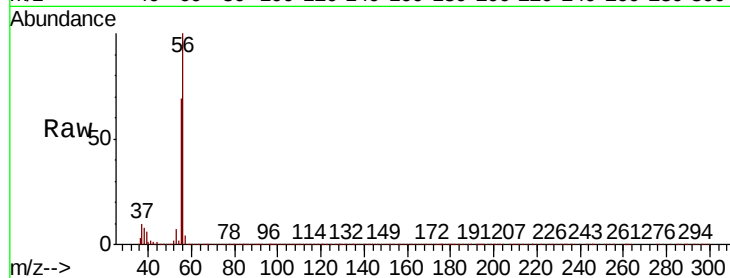
ClientSampleId :

Tot Ion: 56 Resp: 266881

Ion Ratio Lower Upper

56 100

55 69.1 56.2 84.4



#14

Allyl chloride

Concen: 50.279 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

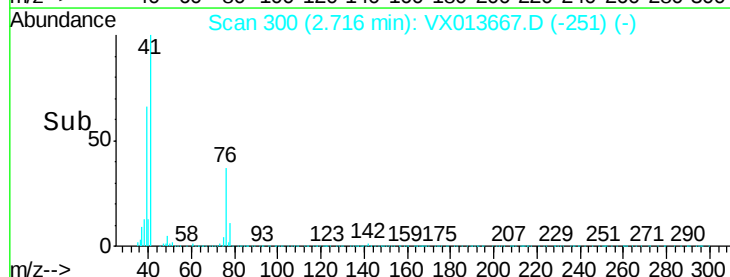
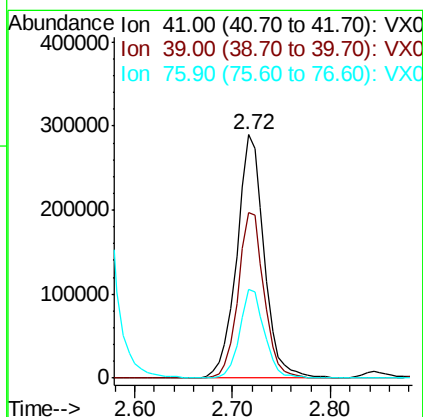
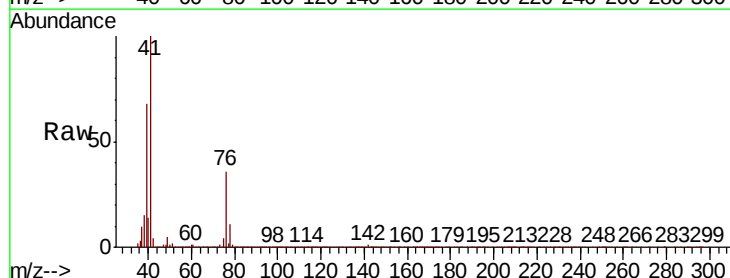
Tgt Ion: 41 Resp: 559177

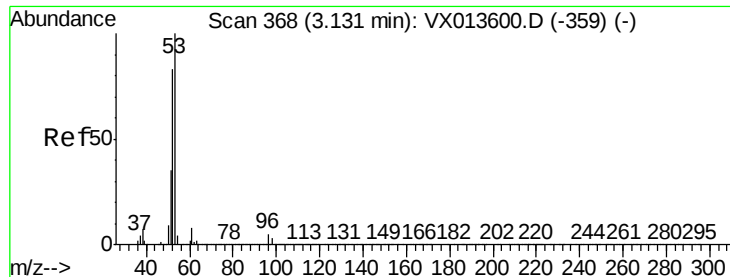
Ion Ratio Lower Upper

41 100

39 65.0 51.7 77.5

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 257.006 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

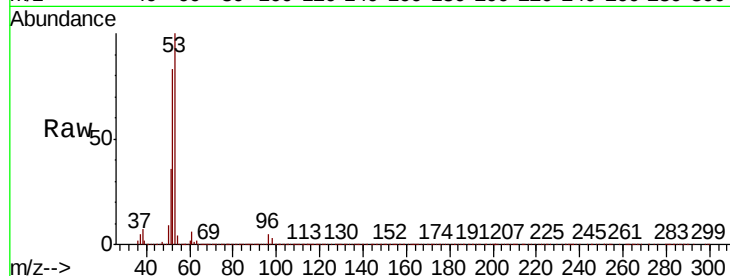
Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 978816

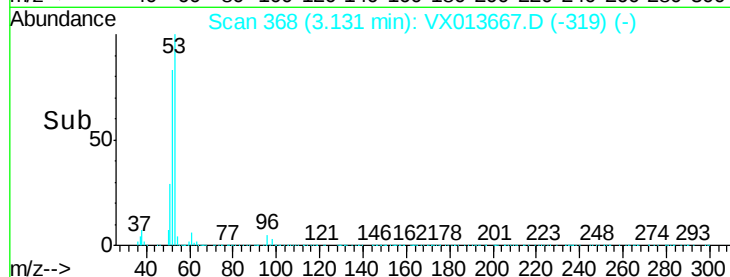
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.2
51	35.3	29.0	43.6



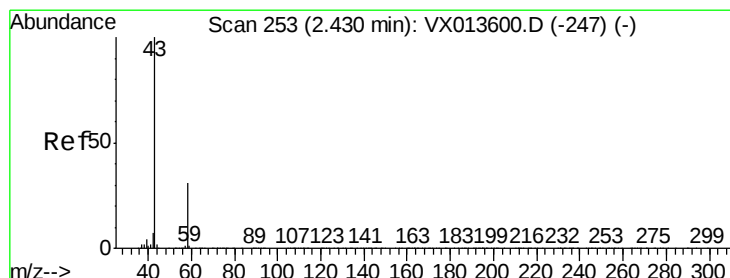
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 230.281 ug/l

RT: 2.43 min Scan# 253

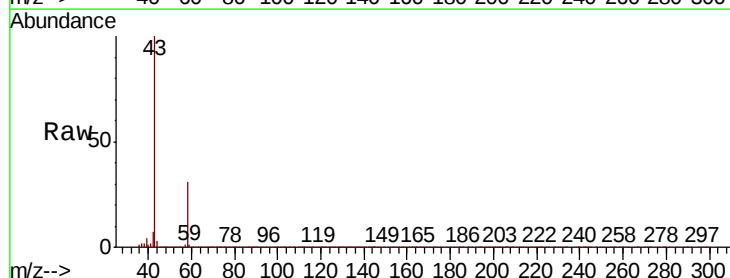
Delta R.T. 0.00 min

Lab File: VX013667.D

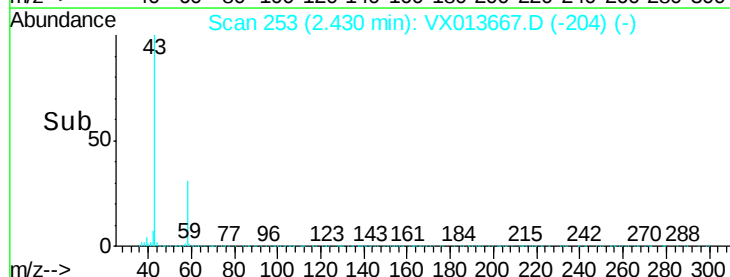
Acq: 27 Nov 2019 21:41

Tgt Ion: 43 Resp: 849846

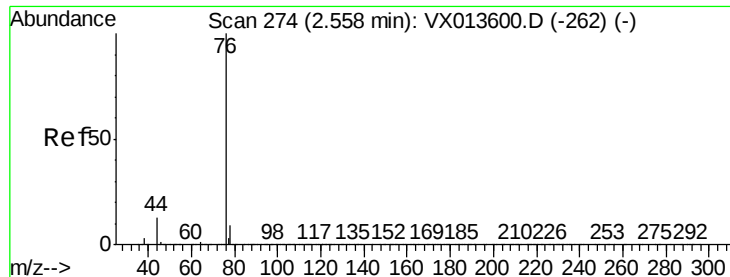
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0



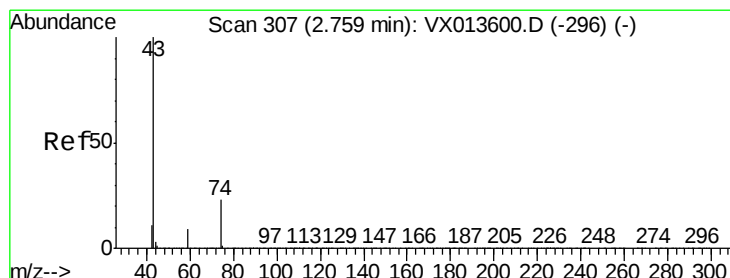
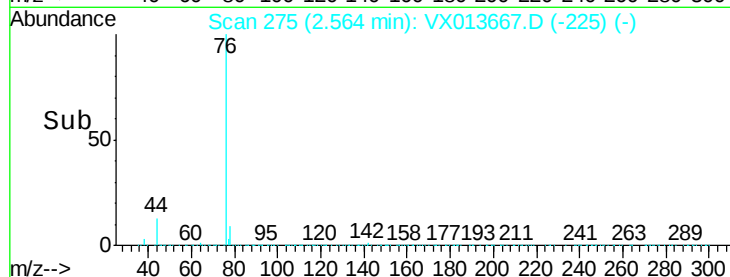
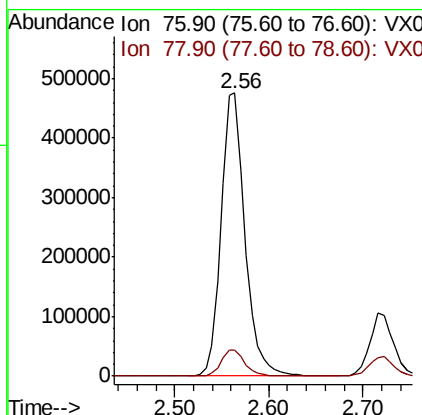
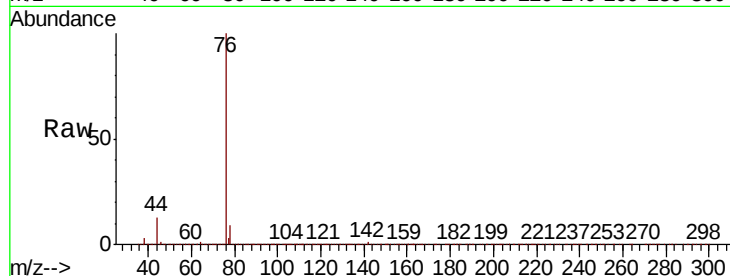
Time-->



#17
Carbon Disulfide
Concen: 47.559 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

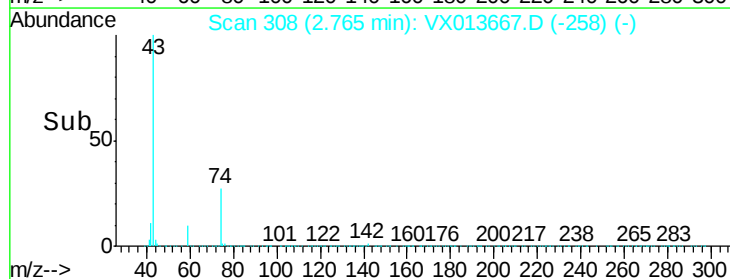
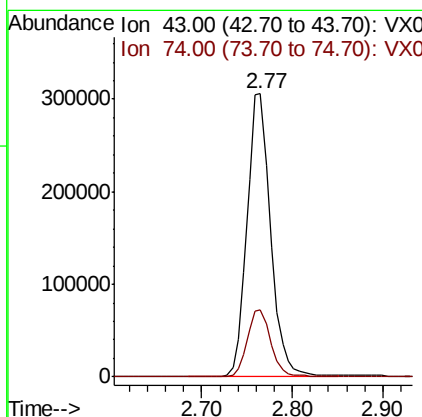
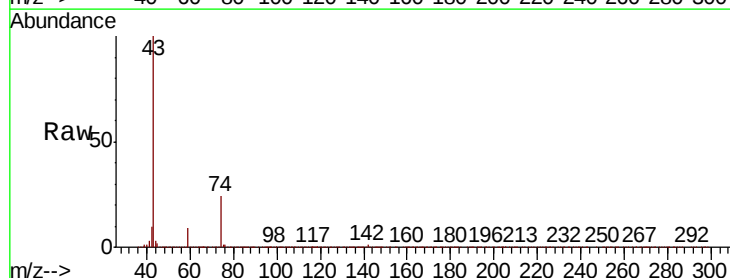
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 830873
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 53.539 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 43 Resp: 550200
Ion Ratio Lower Upper
43 100
74 23.9 19.5 29.3

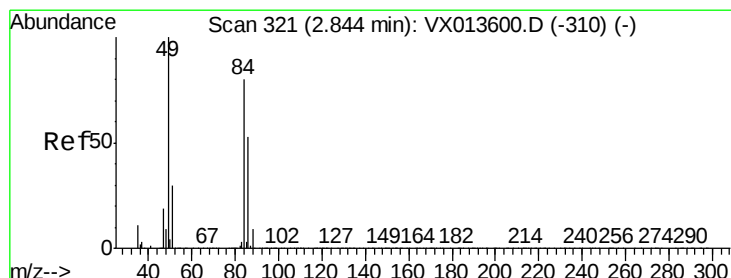
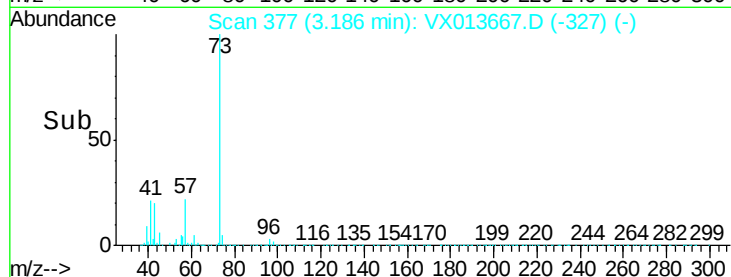
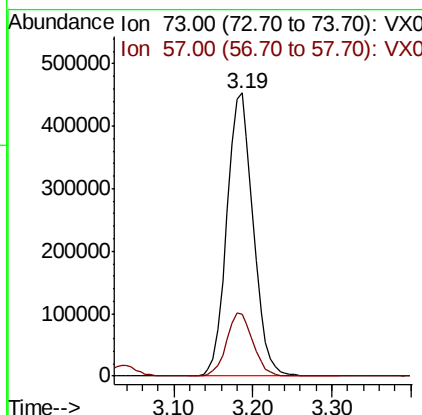
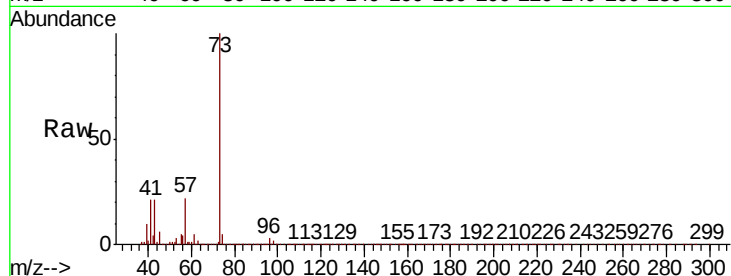




#19
Methvl tert-butvl Ether
Concen: 51.695 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

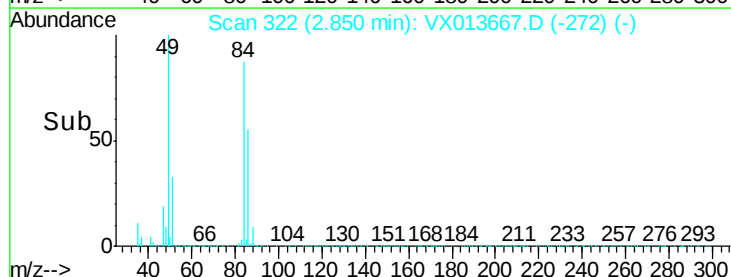
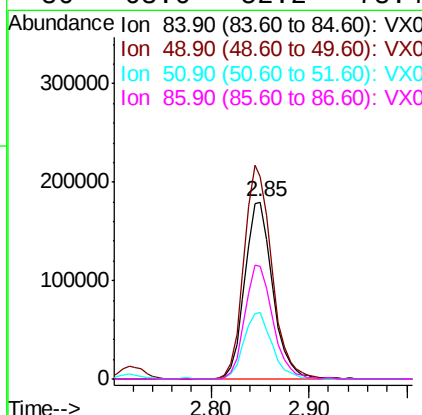
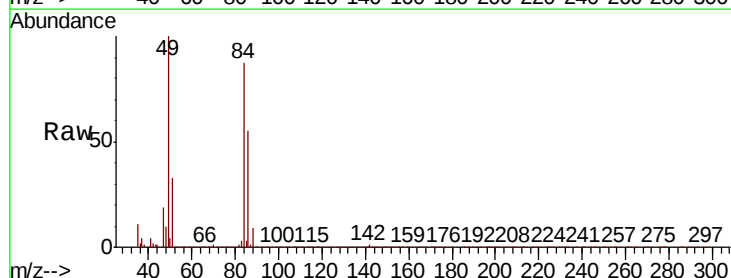
Instrument :
MSVOA_X
ClientSampleId :

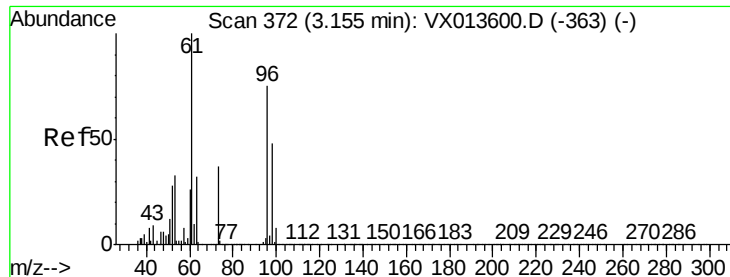
Tot Ion: 73 Resp: 1049516
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5



#20
Methylene Chloride
Concen: 50.214 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 84 Resp: 356017
Ion Ratio Lower Upper
84 100
49 114.7 99.7 149.5
51 37.6 29.9 44.9
86 63.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.329 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :

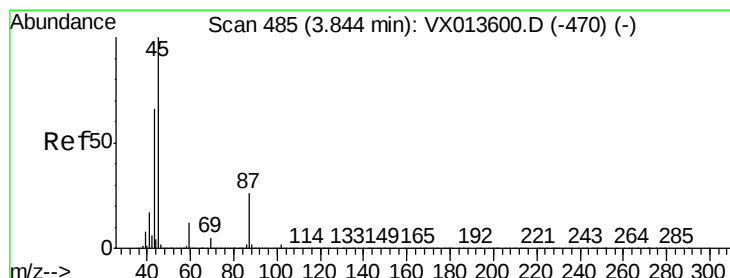
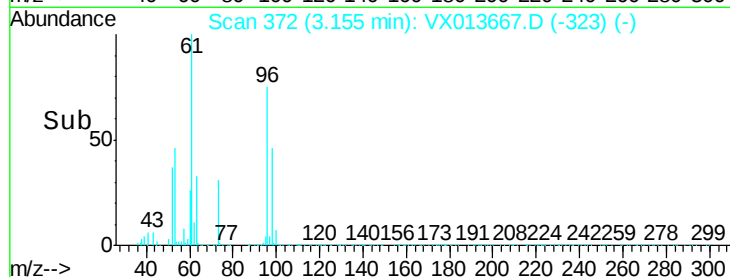
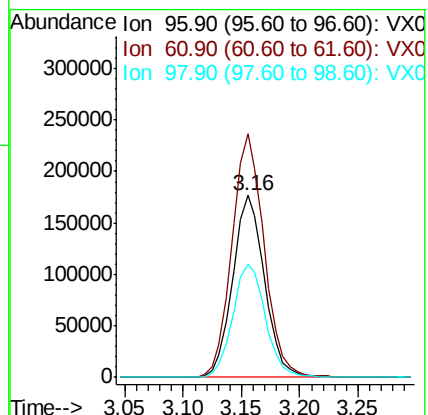
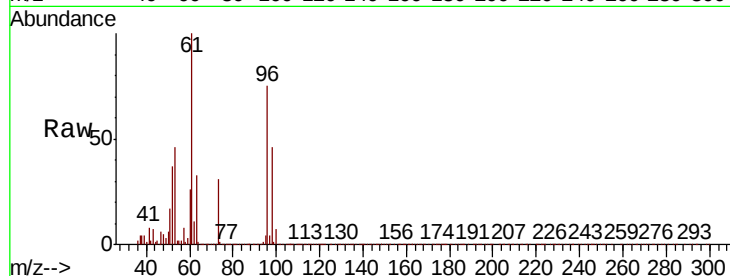
Tot Ion: 96 Resp: 336010

Ion Ratio Lower Upper

96 100

61 133.7 107.2 160.8

98 62.0 51.4 77.0



#22

Diisopropyl ether

Concen: 52.108 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion: 45 Resp: 1115881

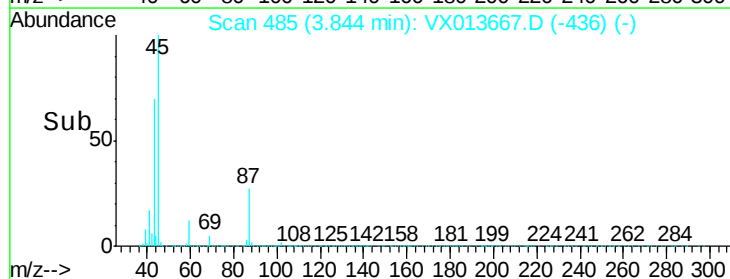
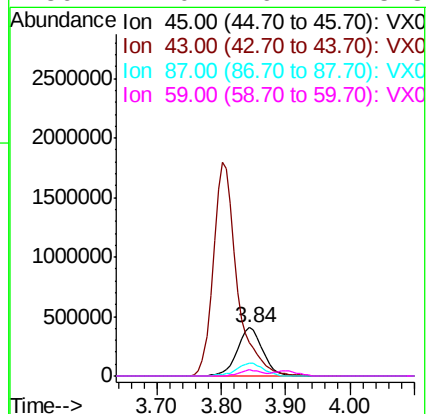
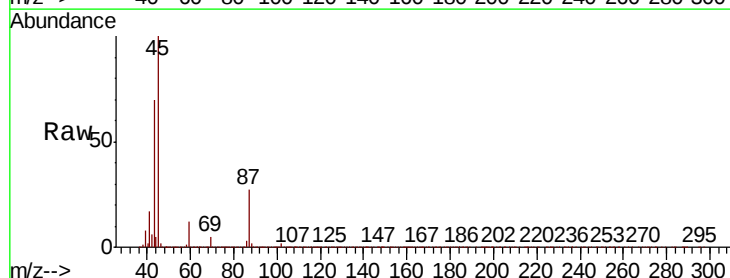
Ion Ratio Lower Upper

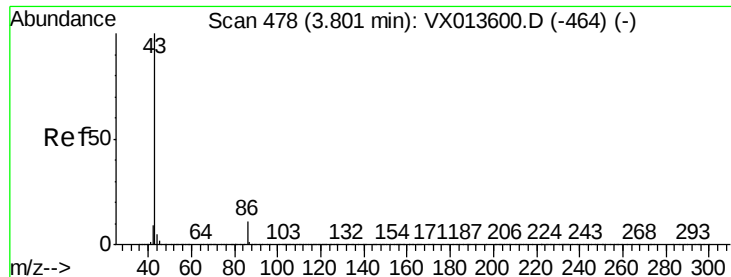
45 100

43 69.3 52.6 79.0

87 26.8 21.1 31.7

59 12.0 9.2 13.8





#23

Vinyl Acetate

Concen: 260.665 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

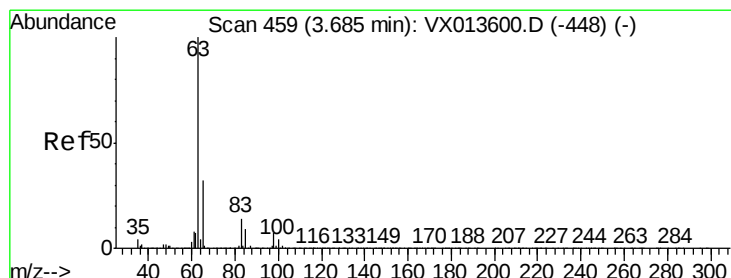
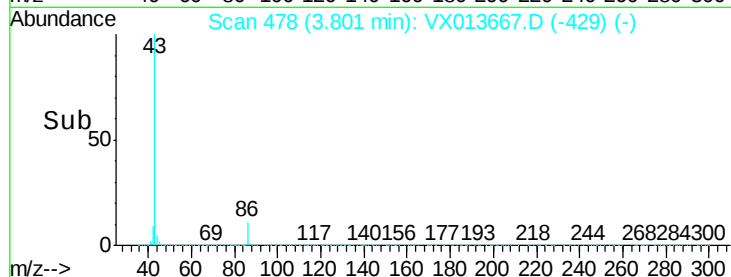
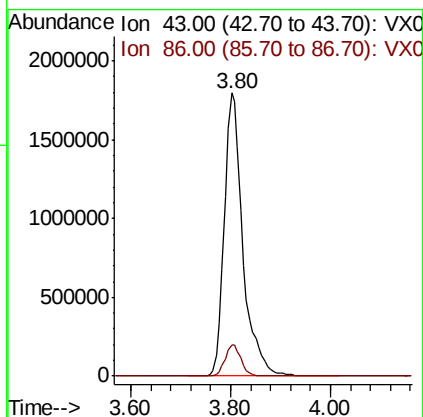
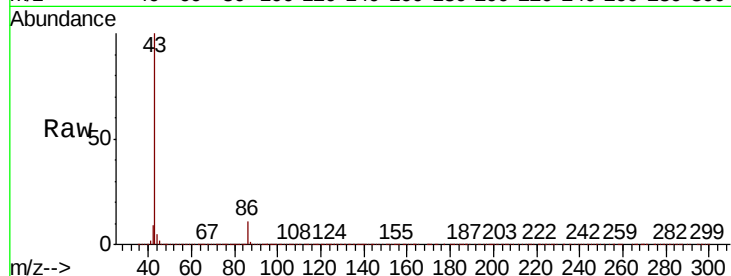
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4643725

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 52.015 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

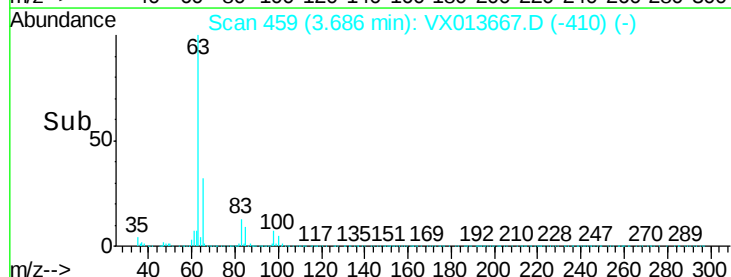
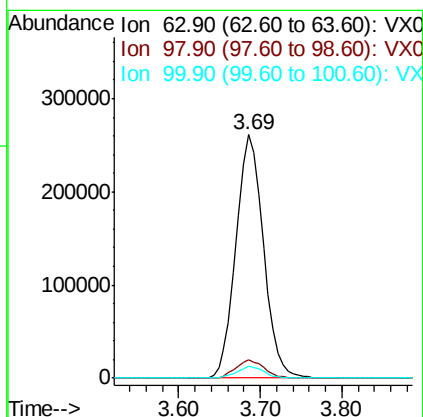
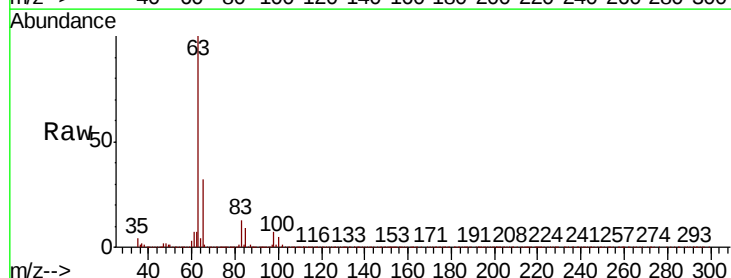
Tgt Ion: 63 Resp: 608925

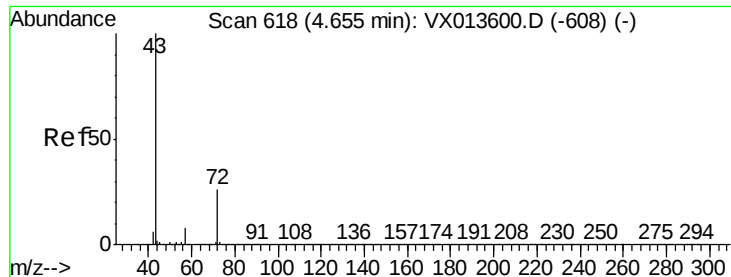
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 249.616 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

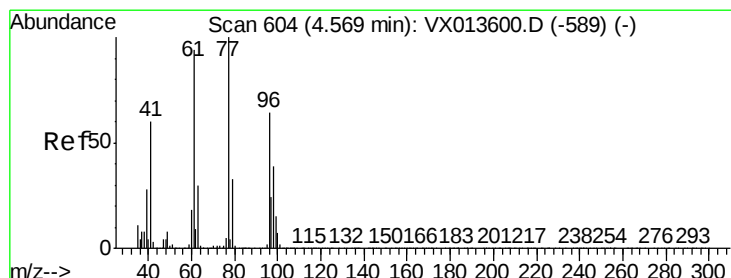
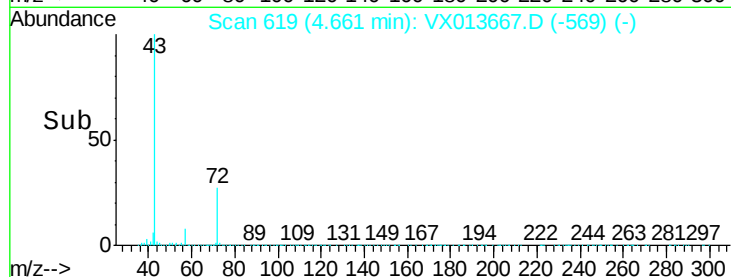
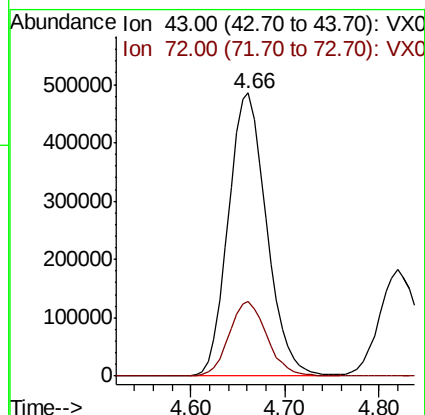
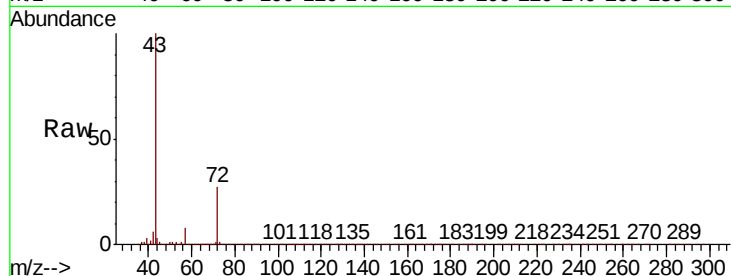
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1369082

Ion Ratio Lower Upper

43 100

72 26.4 20.6 31.0



#26

2,2-Dichloropropane

Concen: 45.522 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013667.D

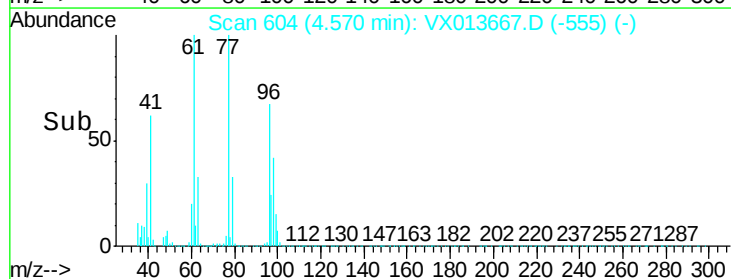
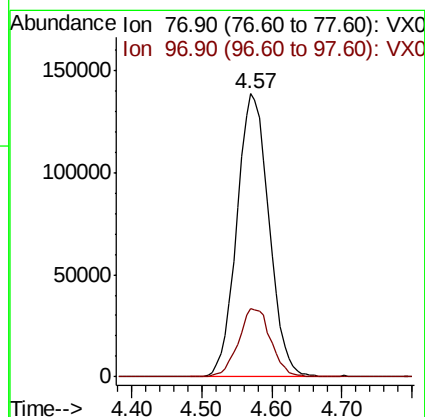
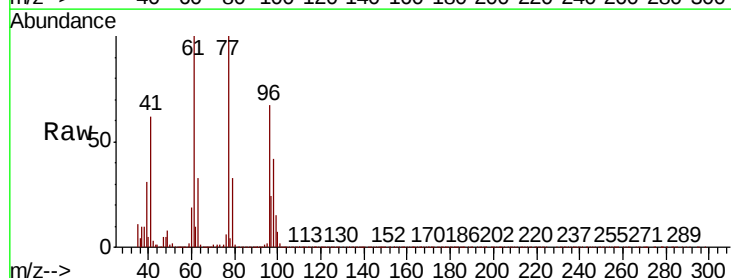
Acq: 27 Nov 2019 21:41

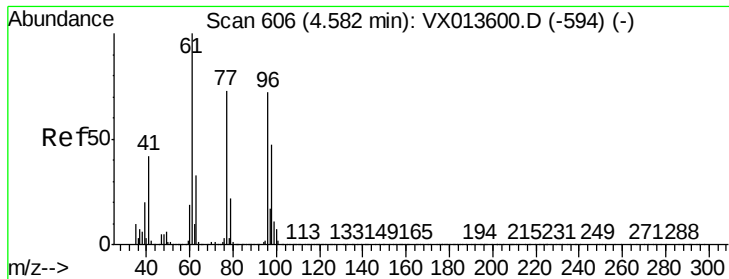
Tgt Ion: 77 Resp: 440920

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1



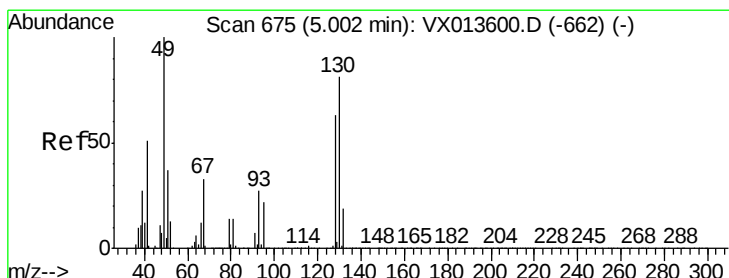
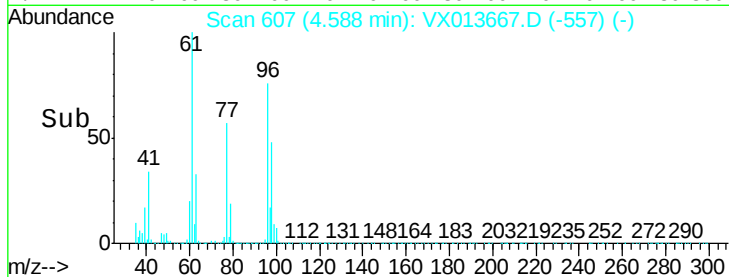
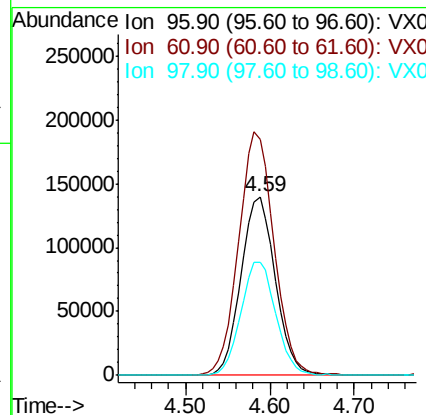
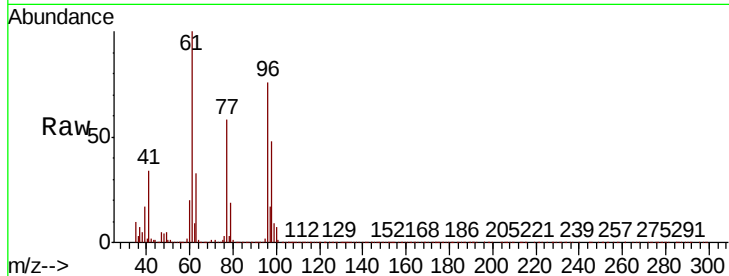


#27

cis-1,2-Dichloroethene
Concen: 49.957 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :

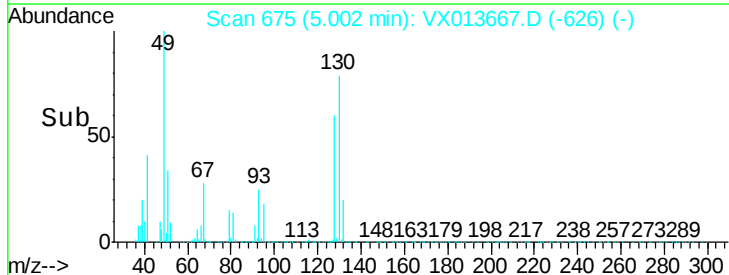
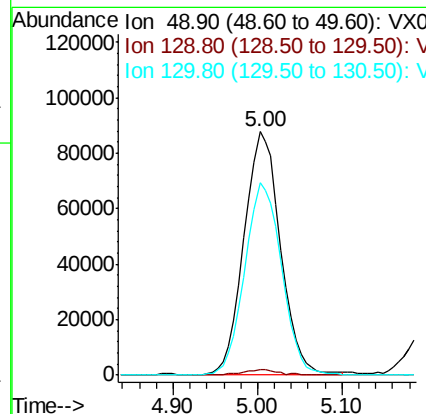
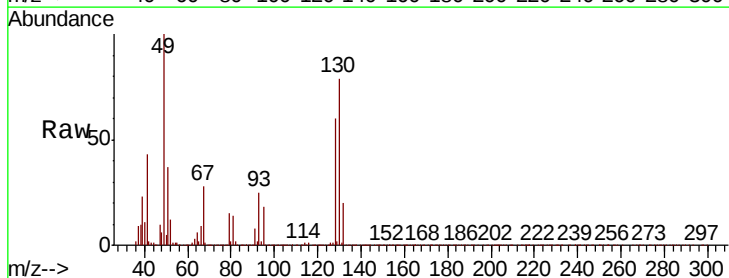
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	286.4
98	64.8	0.0	127.4

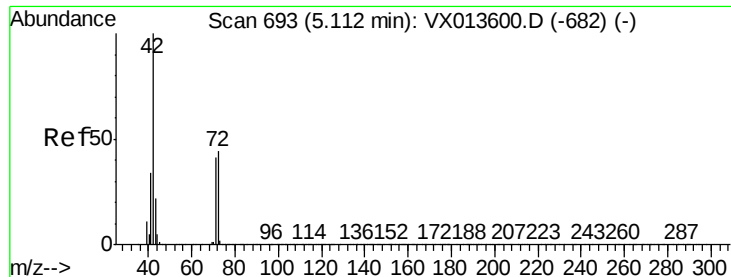


#28

Bromochloromethane
Concen: 55.308 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	80.2	65.4	98.0

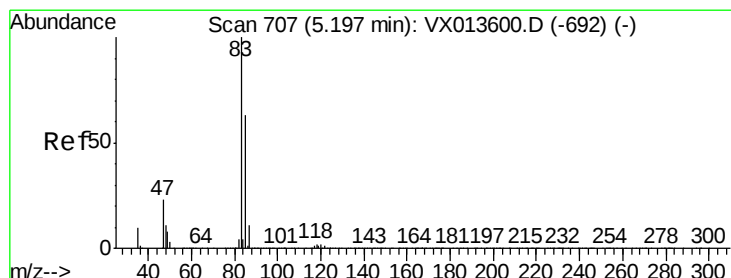
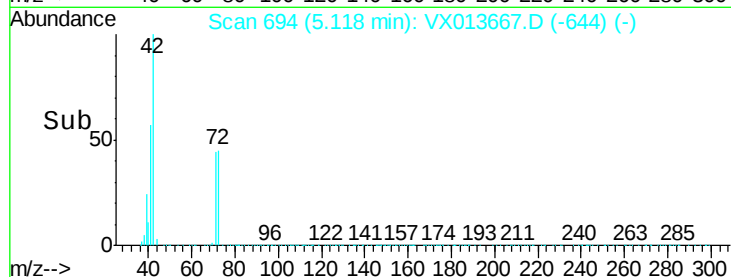
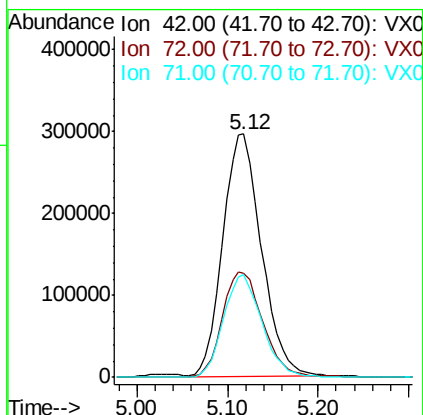
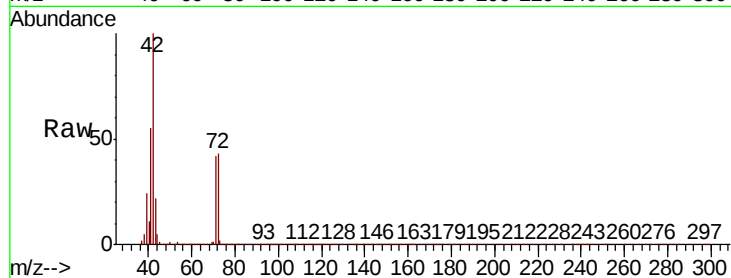




#29
Tetrahydrofuran
Concen: 259.921 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

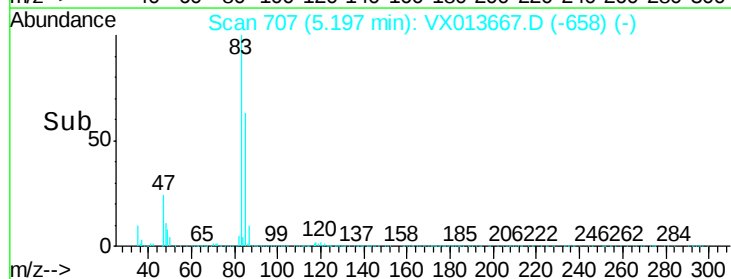
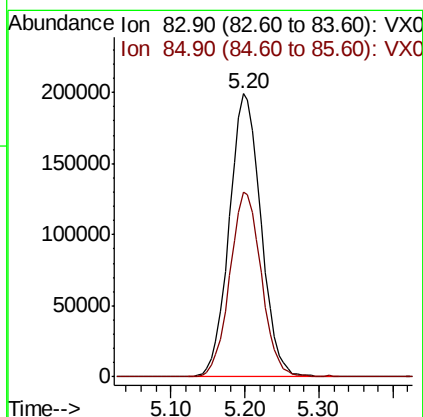
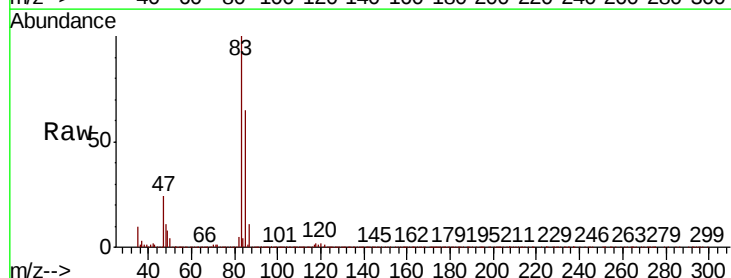
Instrument :
MSVOA_X
ClientSampleId :

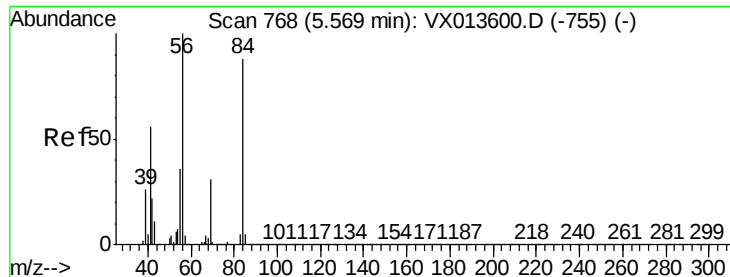
Tot Ion: 42 Resp: 878841
Ion Ratio Lower Upper
42 100
72 45.6 36.3 54.5
71 42.6 33.2 49.8



#30
Chloroform
Concen: 49.849 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 83 Resp: 591829
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4

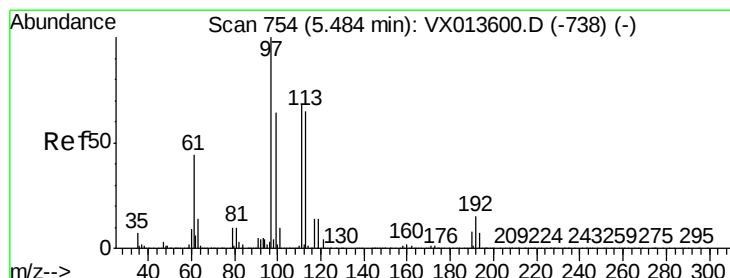
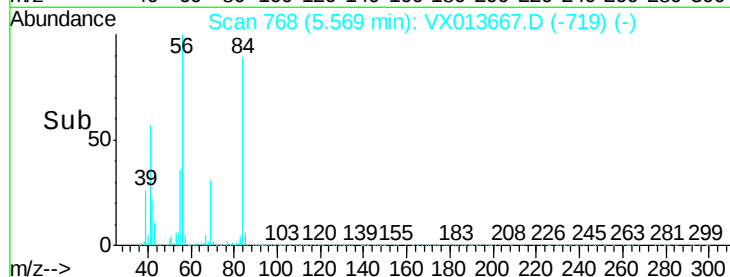
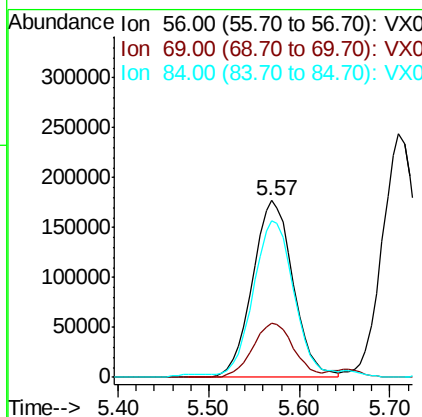
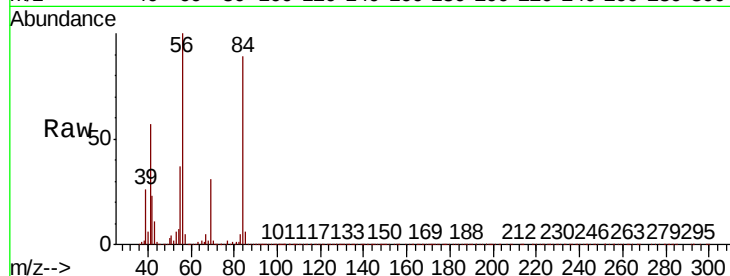




#31
Cyclohexane
Concen: 49.614 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

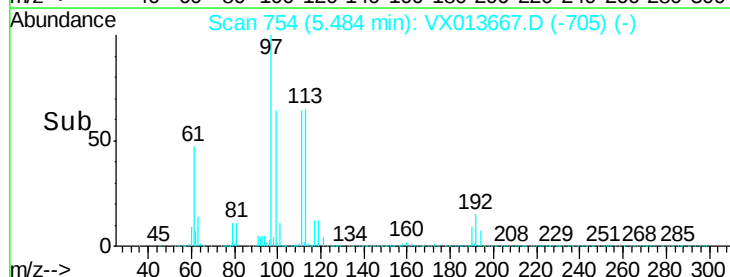
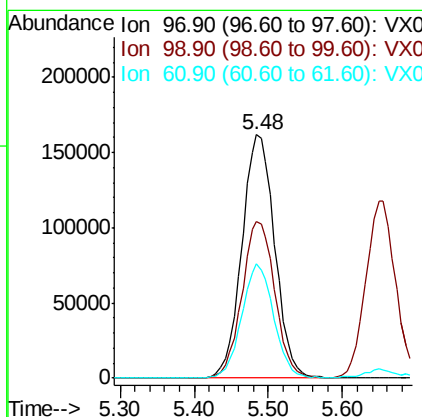
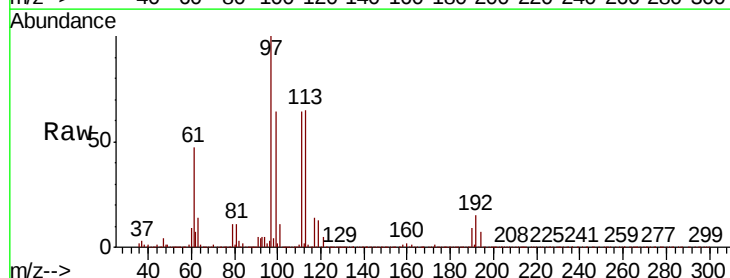
Instrument :
MSVOA_X
ClientSampleId :

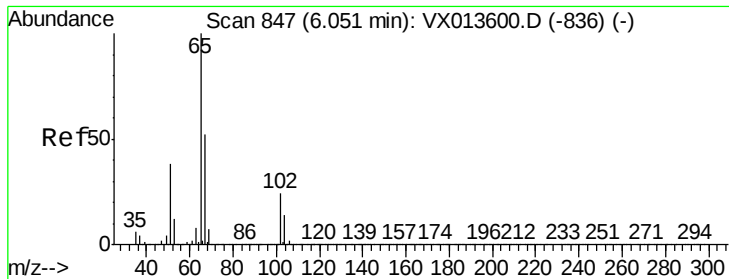
Tot Ion: 56 Resp: 547835
Ion Ratio Lower Upper
56 100
69 30.8 24.6 36.8
84 87.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.315 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 97 Resp: 499198
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 45.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 49.278 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

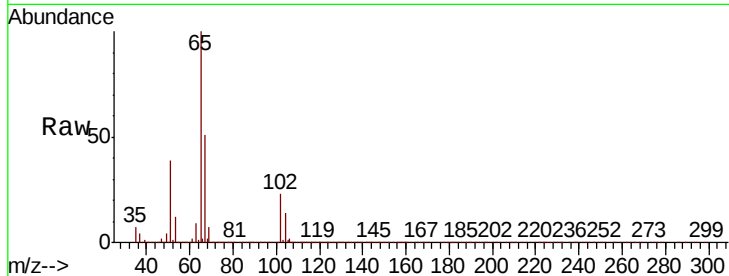
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 368353

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

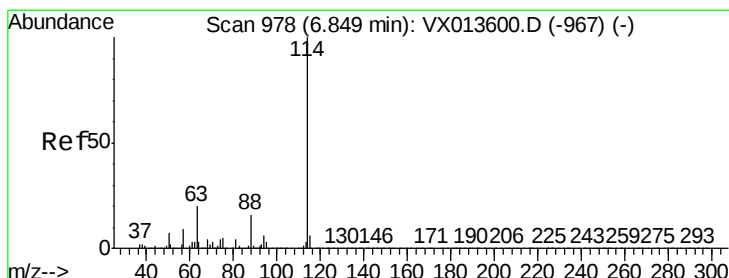
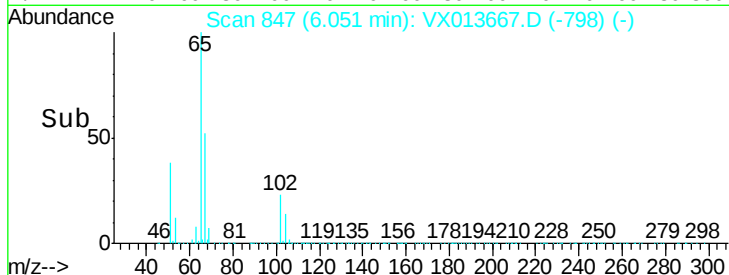
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

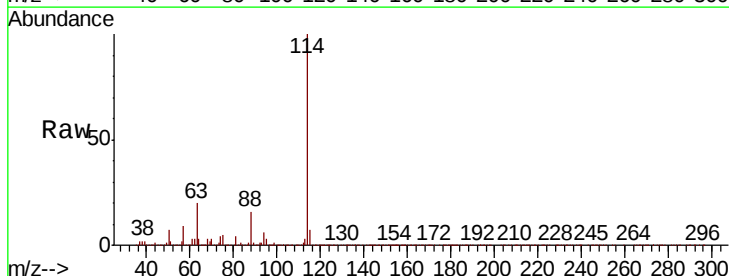
Tgt Ion: 114 Resp: 1017501

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 16.0 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

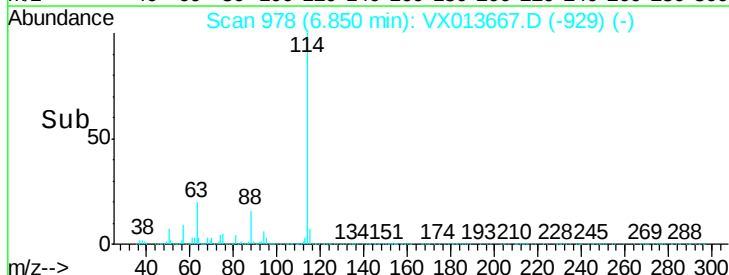
300000

200000

100000

0

Time-->

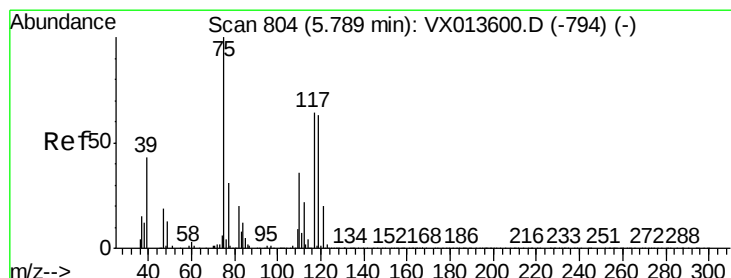
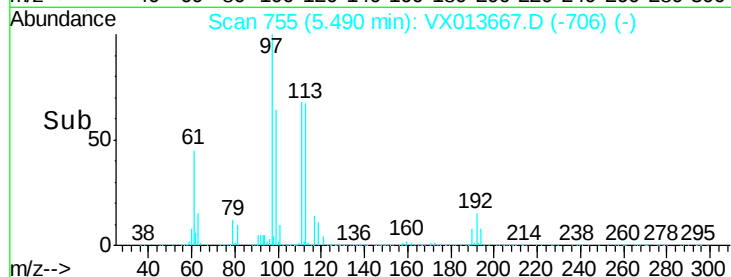
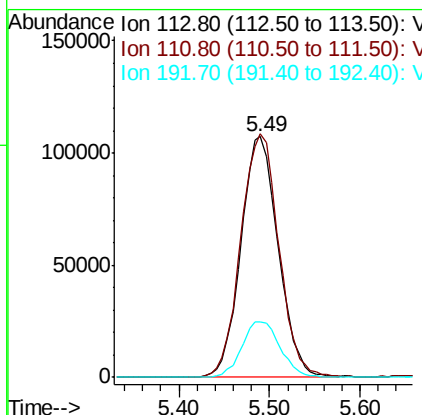
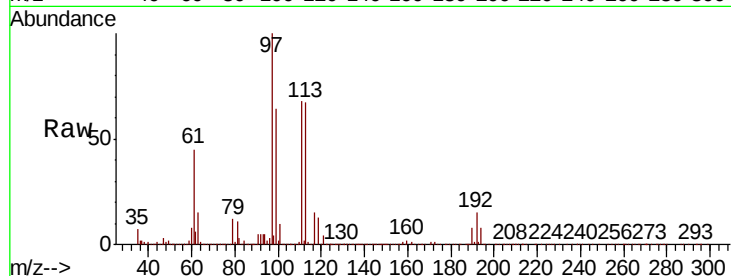




#35
 Dibromofluoromethane
 Concen: 48.476 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

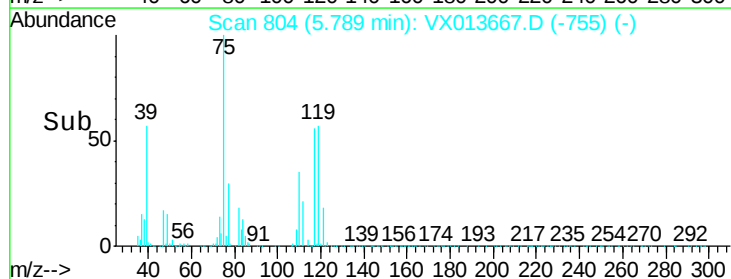
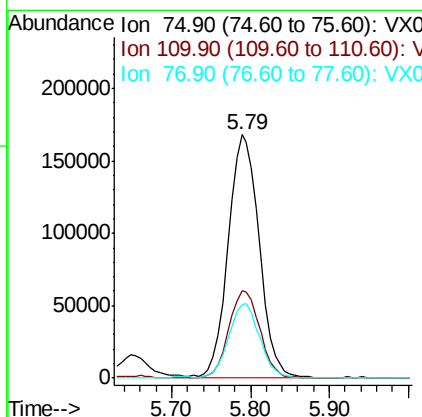
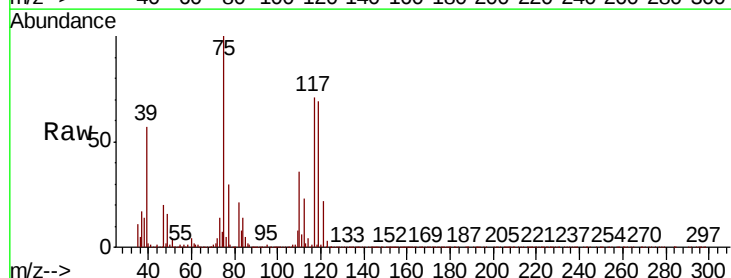
Instrument :
 MSVOA_X
 ClientSampleId :

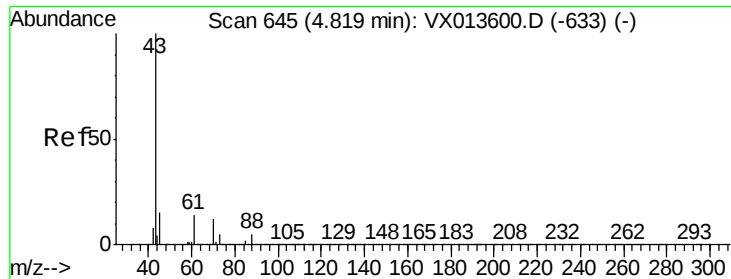
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.6	125.4
192	24.2	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 49.465 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.1
77	30.3	24.5	36.7

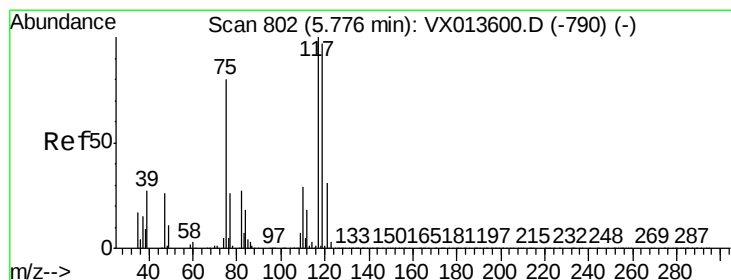
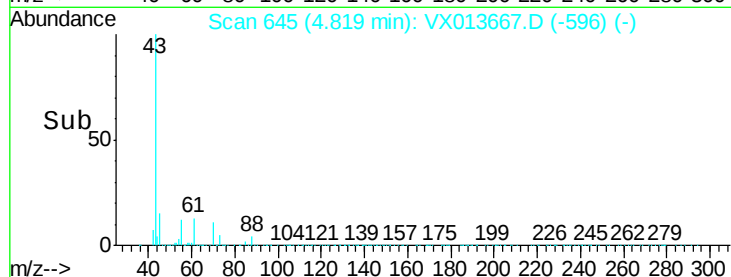
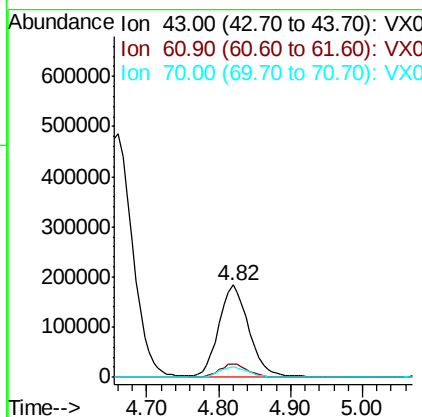
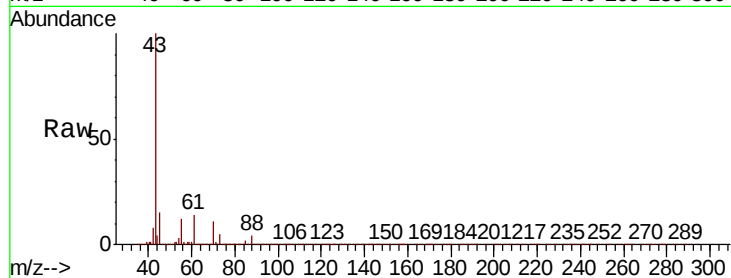




#37
Ethyl Acetate
Concen: 51.053 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

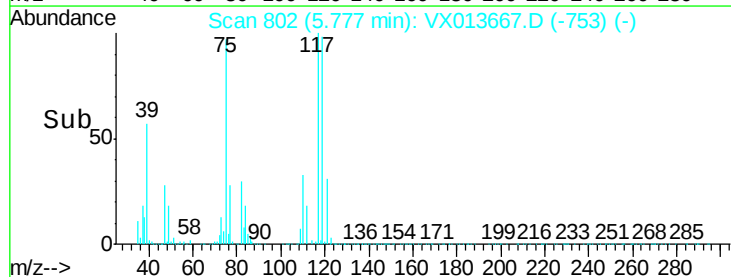
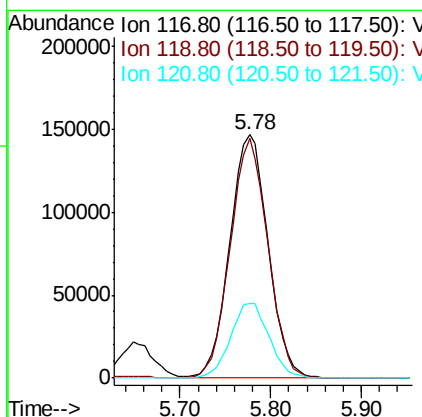
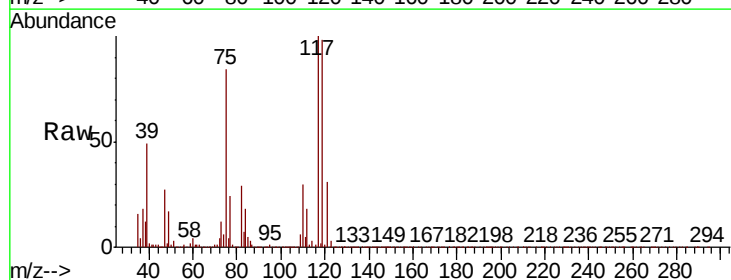
Instrument :
MSVOA_X
ClientSampleId :

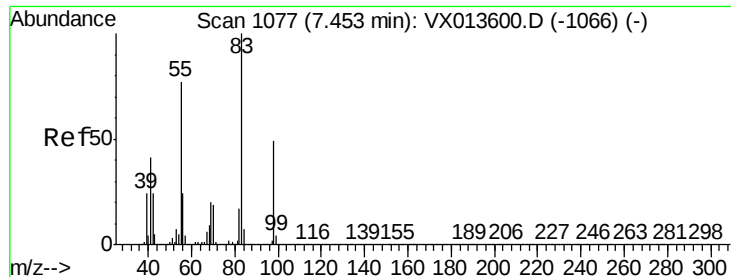
Tot Ion: 43 Resp: 528998
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 11.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 50.273 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 117 Resp: 428161
Ion Ratio Lower Upper
117 100
119 98.2 77.5 116.3
121 30.6 25.0 37.6

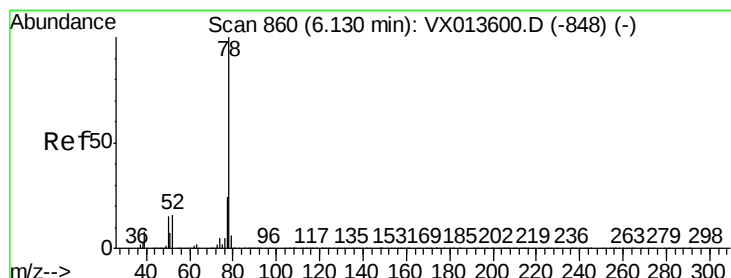
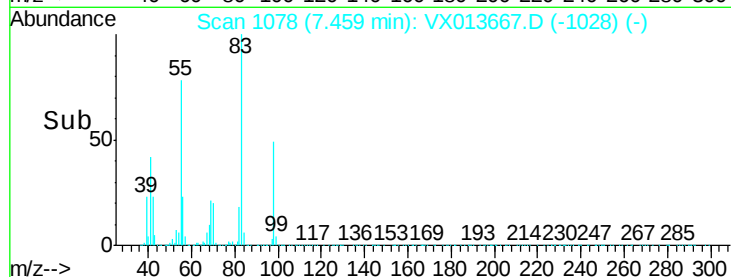
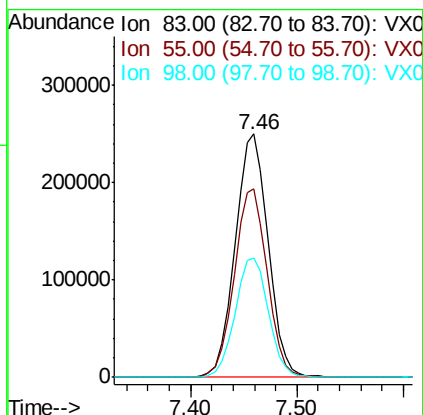
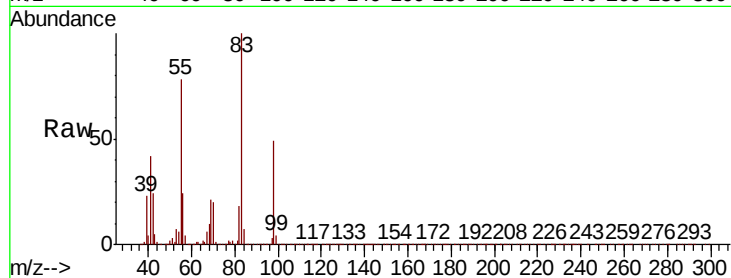




#39
Methvlcvclohexane
Concen: 47.638 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

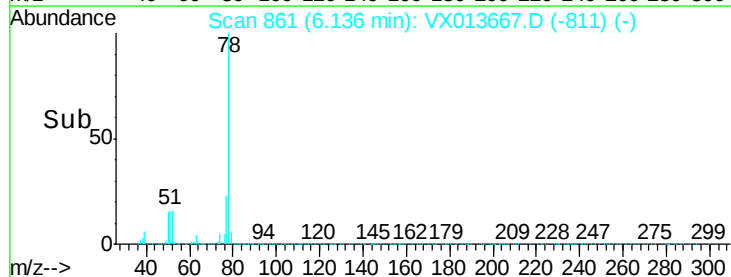
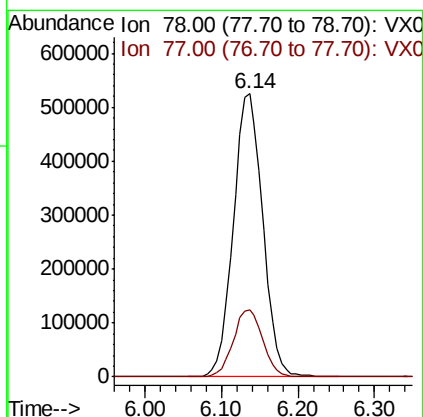
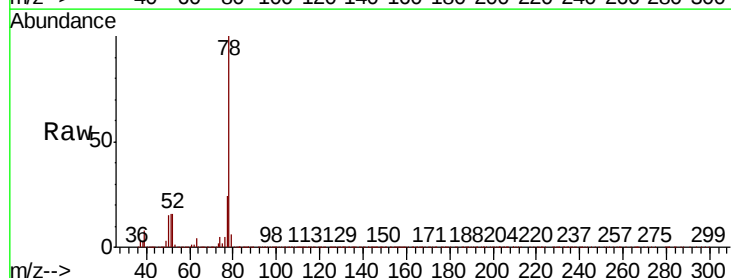
Instrument :
MSVOA_X
ClientSampleId :

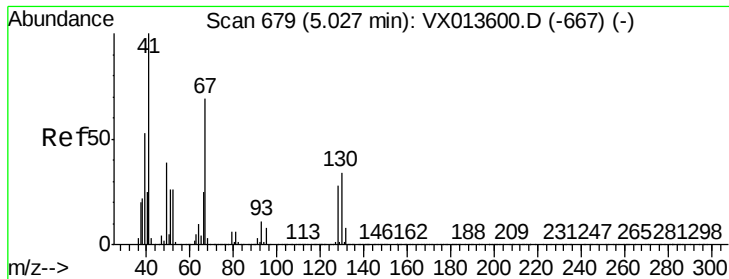
Tot Ion	83.00	Resp	543888
Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.9	92.9
98	48.7	39.4	59.0



#40
Benzene
Concen: 49.504 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	78.00	Resp	1392602
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41

Methacrylonitrile

Concen: 51.681 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

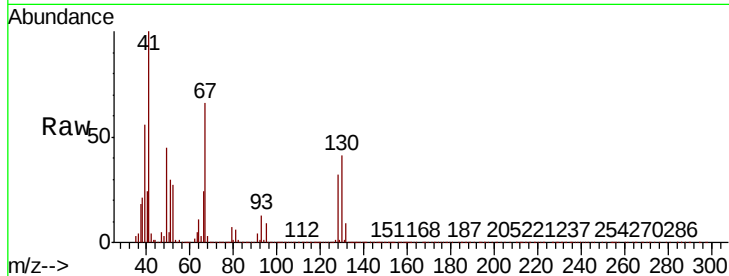
Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 293684

Ion	Ratio	Lower	Upper
41	100		
39	55.7	42.9	64.3
67	70.7	57.4	86.0
52	27.9	22.4	33.6

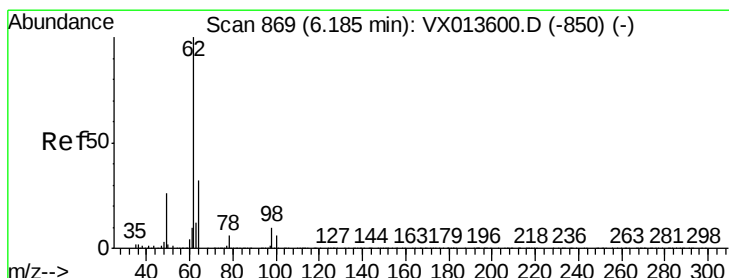
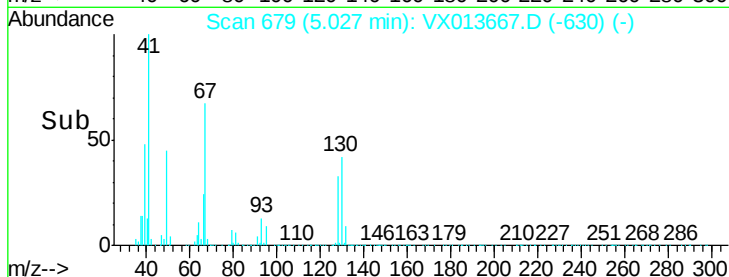


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.970 ug/l

RT: 6.19 min Scan# 869

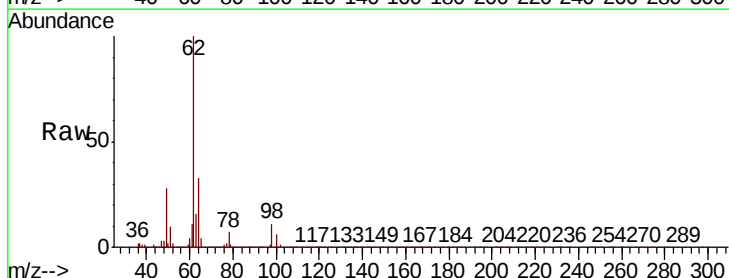
Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

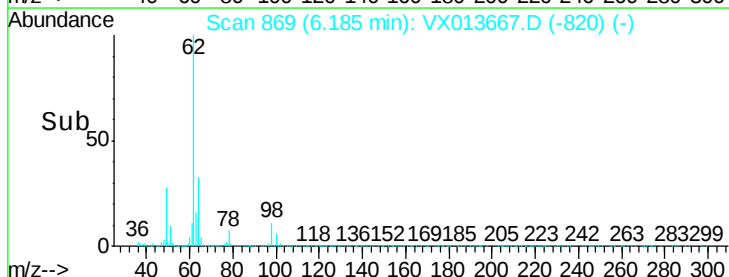
Tgt Ion: 62 Resp: 479405

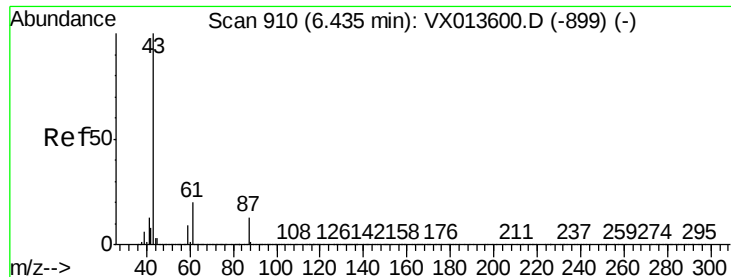
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



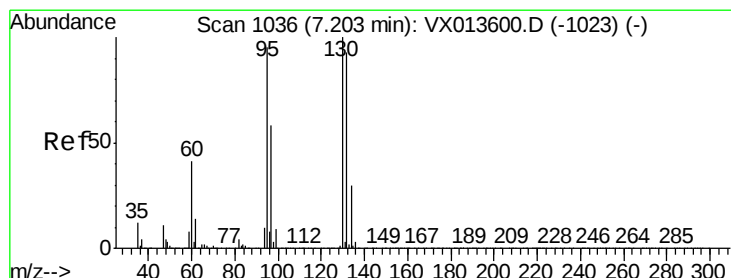
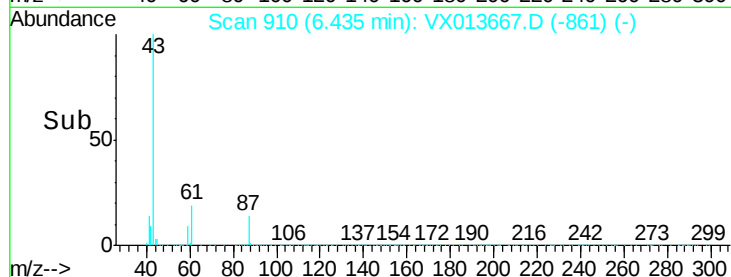
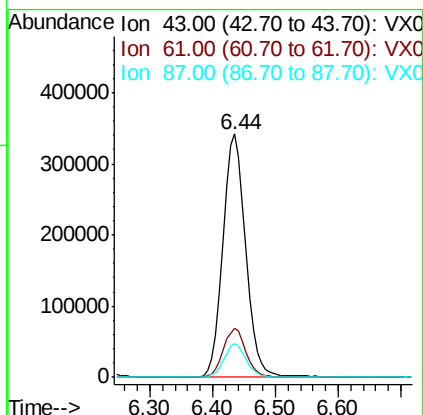
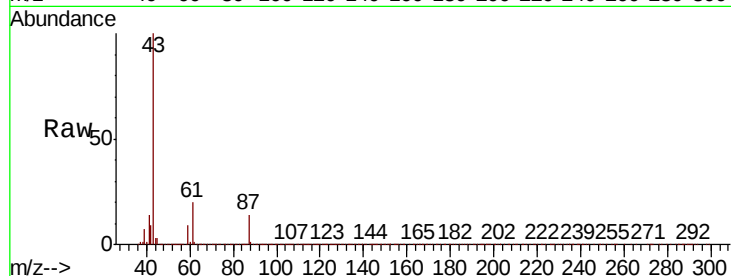


#43

Isopropyl Acetate
 Concen: 50.269 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :

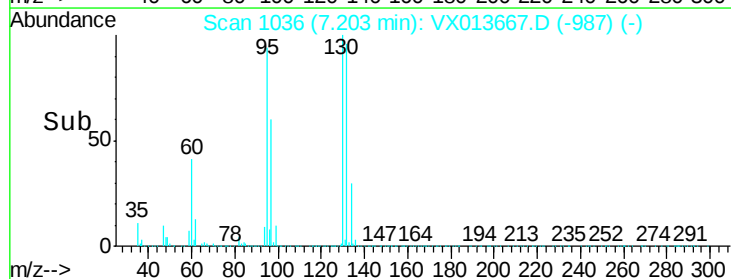
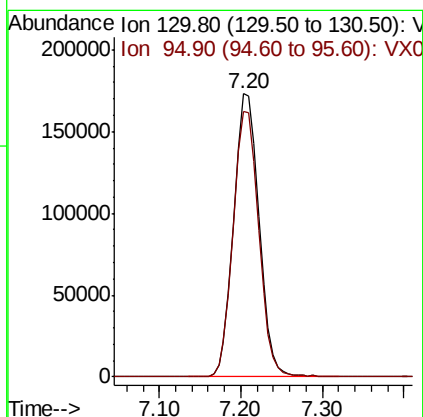
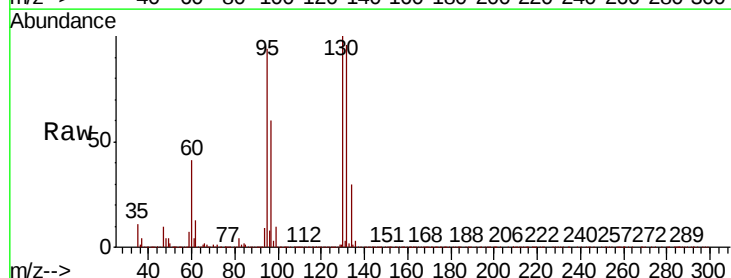
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.3	24.5
87	13.4	10.8	16.2



#44

Trichloroethene
 Concen: 48.008 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	190.8

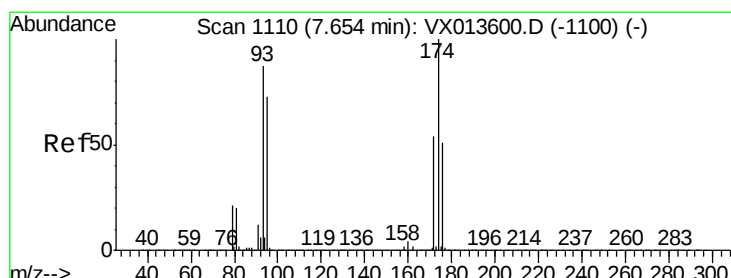
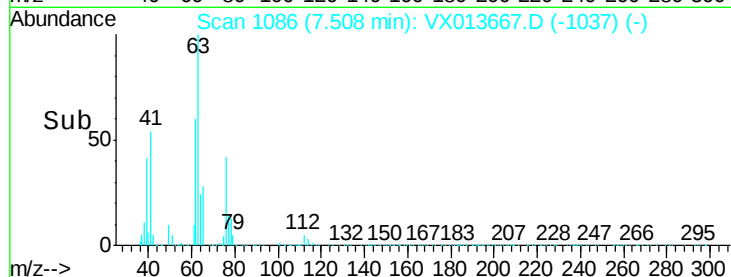
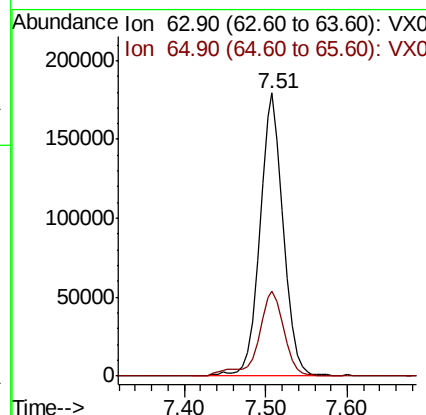
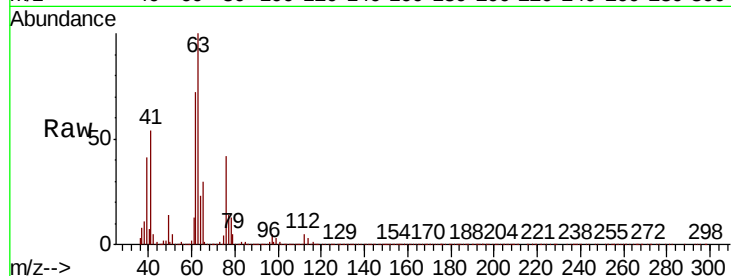




#45
 1,2-Dichloropropane
 Concen: 50.809 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

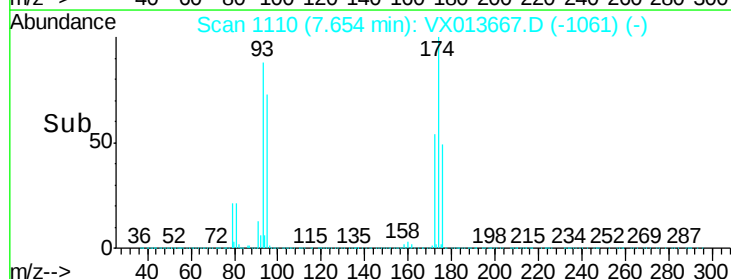
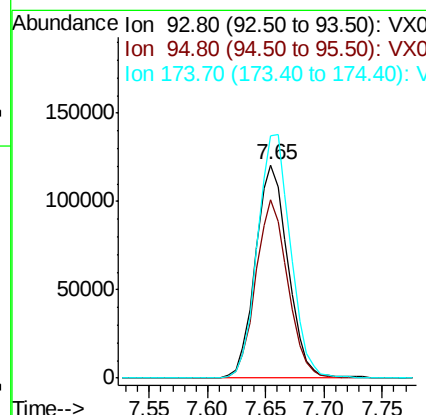
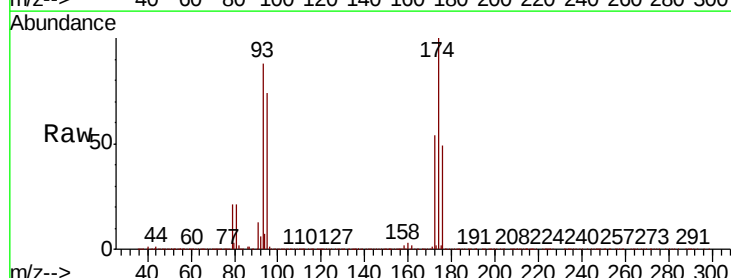
Instrument :
 MSVOA_X
 ClientSampleId :

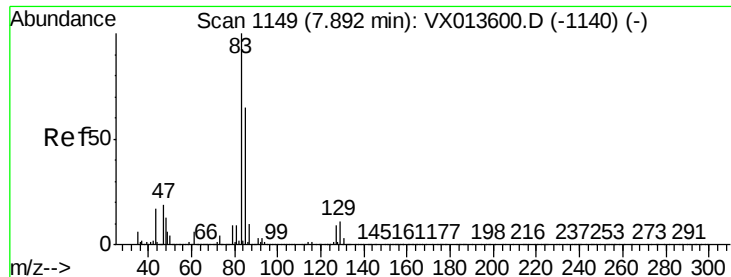
Tot Ion: 63 Resp: 357610
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.5 38.3



#46
 Dibromomethane
 Concen: 48.927 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion: 93 Resp: 233881
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.2 99.2
 174 117.2 93.4 140.0





#47

Bromodichloromethane

Concen: 51.267 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

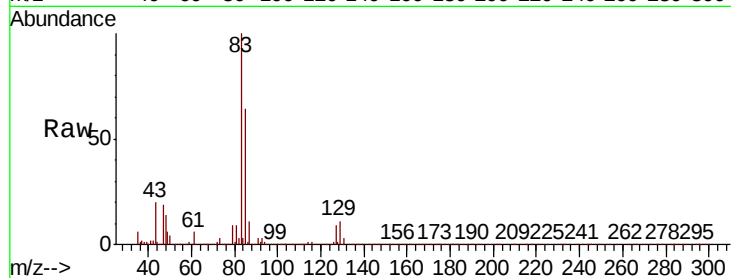
Tot Ion: 83 Resp: 463295

Ion Ratio Lower Upper

83 100

85 64.1 52.1 78.1

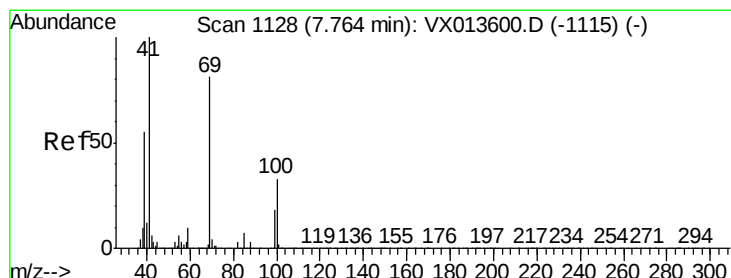
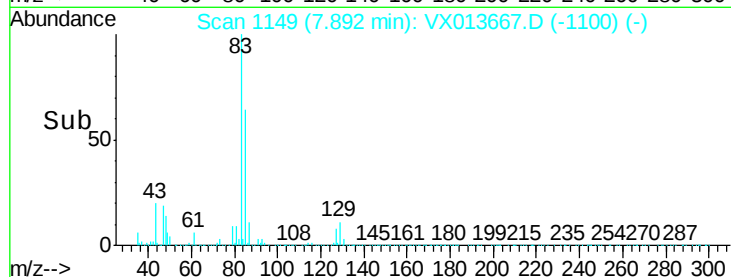
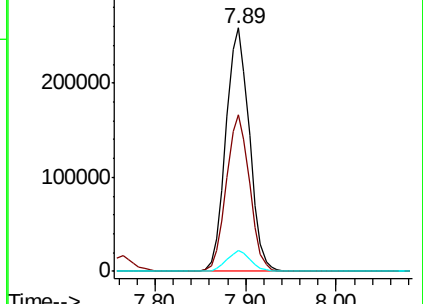
127 8.5 7.0 10.4



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: 51.409 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

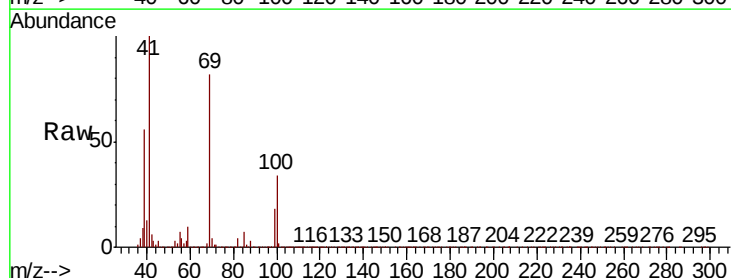
Tgt Ion: 41 Resp: 426103

Ion Ratio Lower Upper

41 100

69 82.1 64.7 97.1

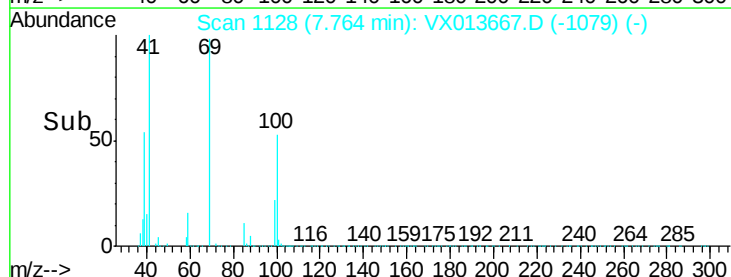
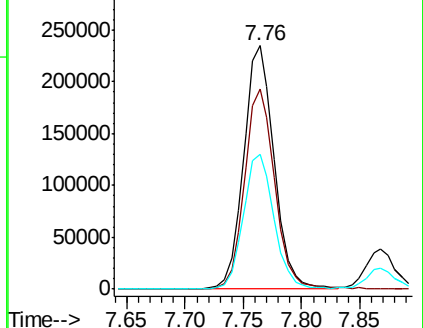
39 56.3 43.8 65.6

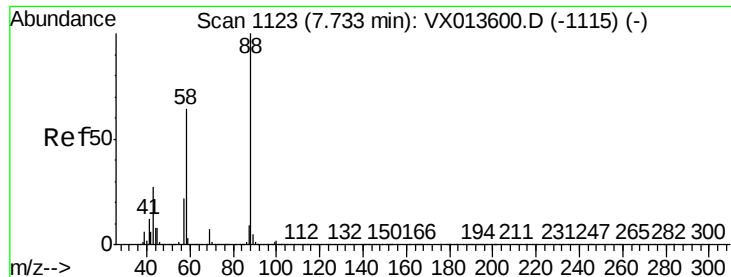


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 902.723 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

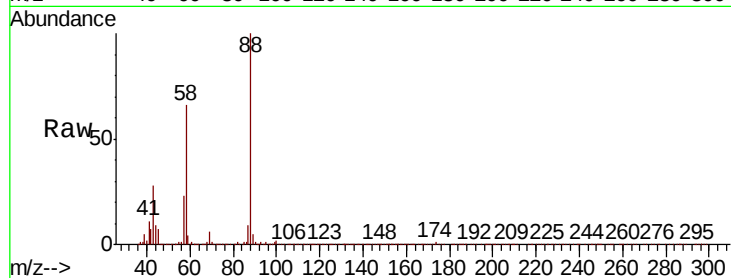
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 167480

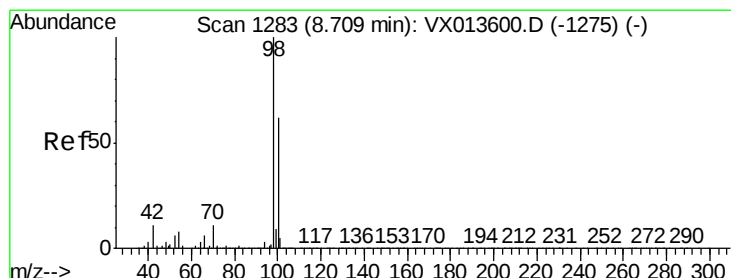
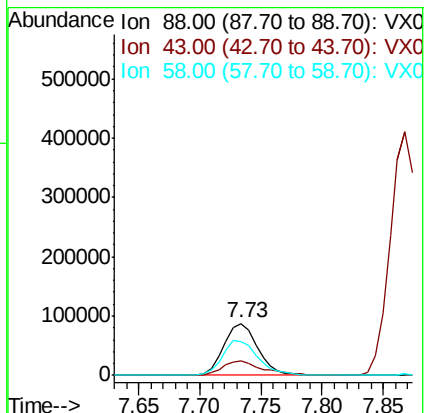
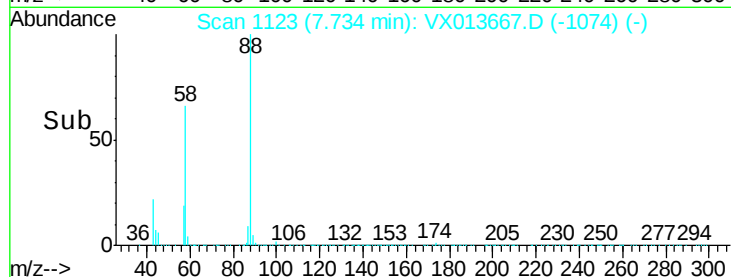
Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.8	38.6
58	70.9	54.6	82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.368 ug/l

RT: 8.71 min Scan# 1283

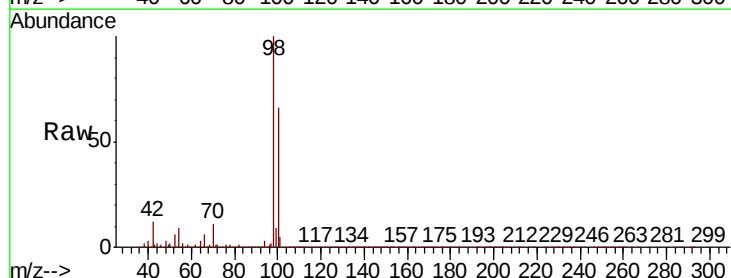
Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

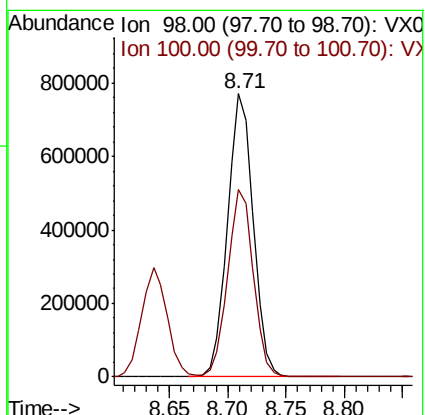
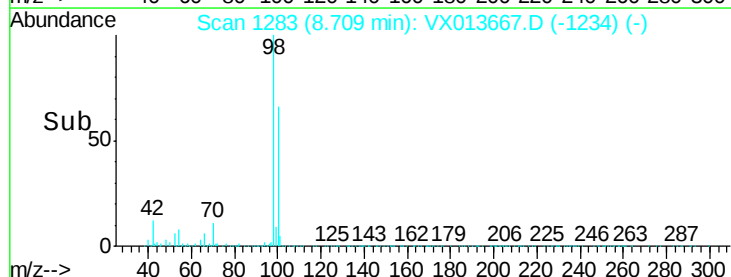
Tgt Ion: 98 Resp: 1185389

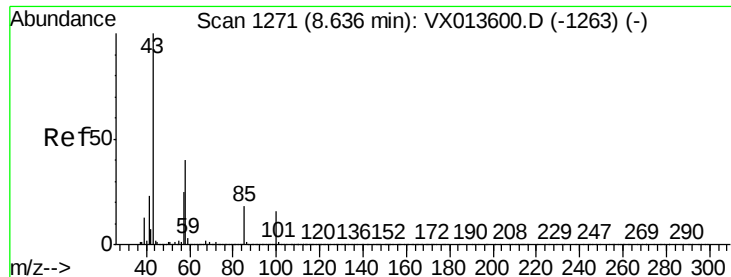
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 253.333 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

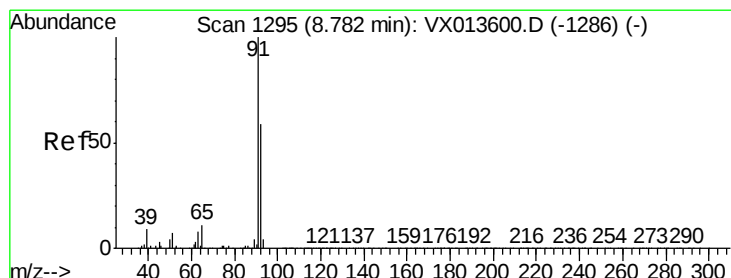
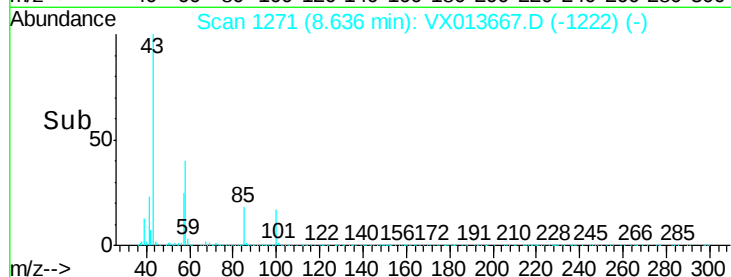
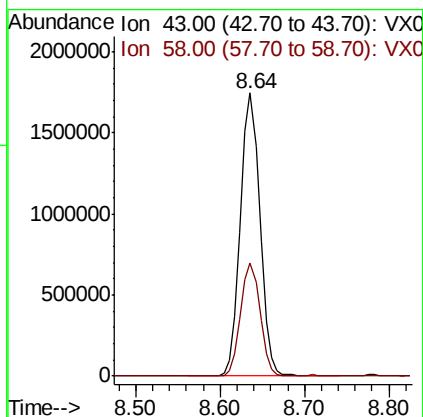
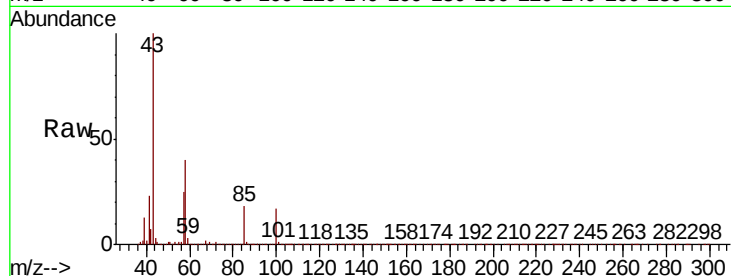
ClientSampleId :

Tot Ion: 43 Resp: 2718357

Ion Ratio Lower Upper

43 100

58 39.8 32.1 48.1



#52

Toluene

Concen: 49.694 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013667.D

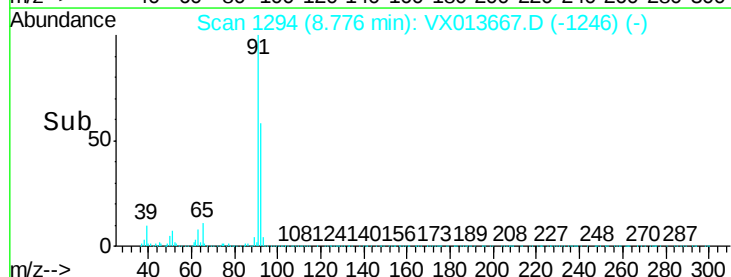
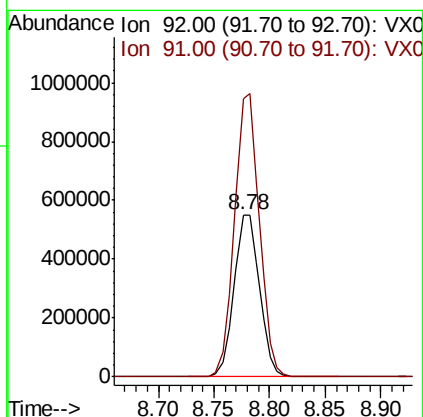
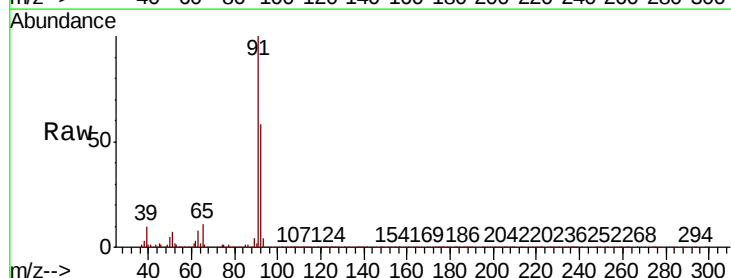
Acq: 27 Nov 2019 21:41

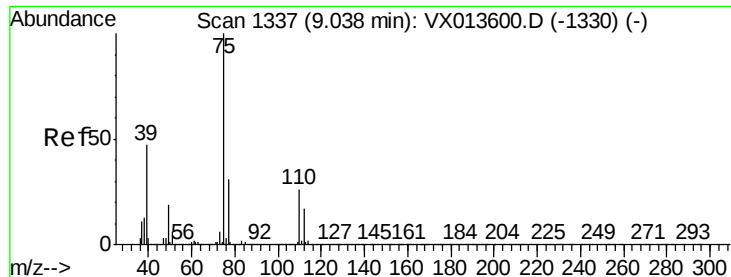
Tgt Ion: 92 Resp: 868457

Ion Ratio Lower Upper

92 100

91 171.8 136.2 204.2

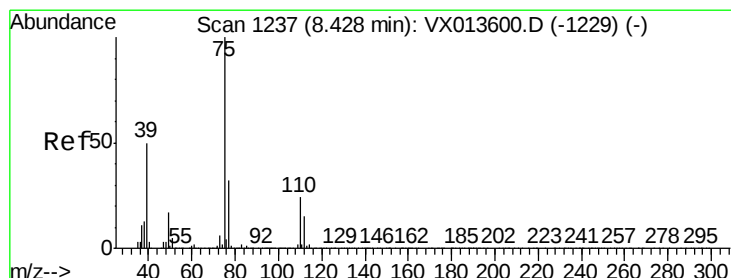
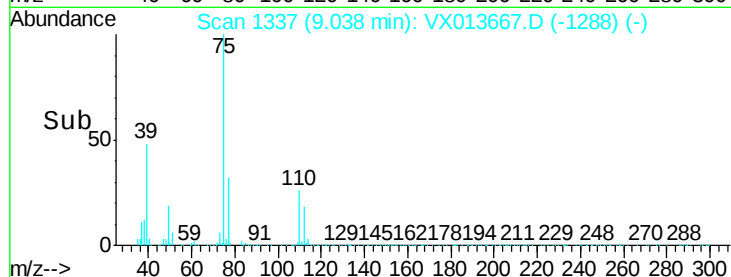
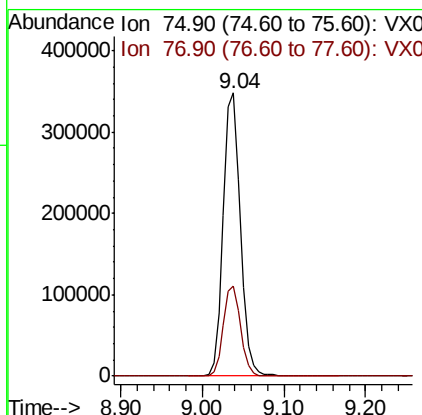
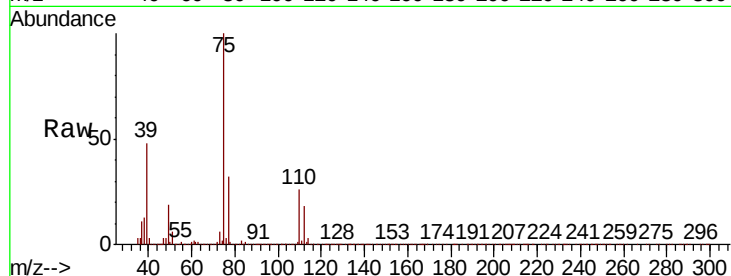




#53
 t-1,3-Dichloropropene
 Concen: 49.271 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

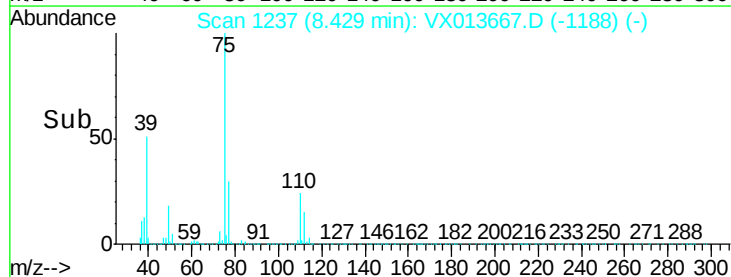
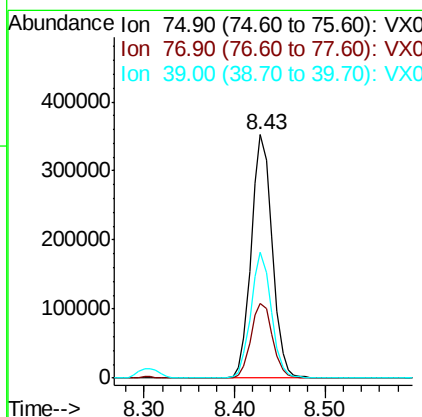
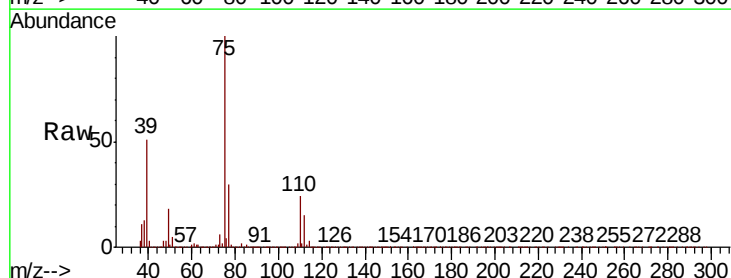
Instrument :
 MSVOA_X
 ClientSampleId :

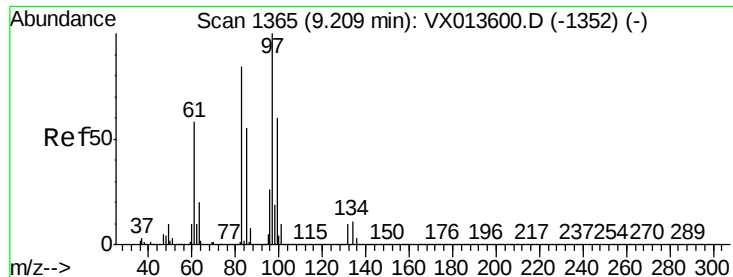
Tot Ion: 75 Resp: 506810
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.258 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion: 75 Resp: 564786
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.6
 39 51.2 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 50.443 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 355248

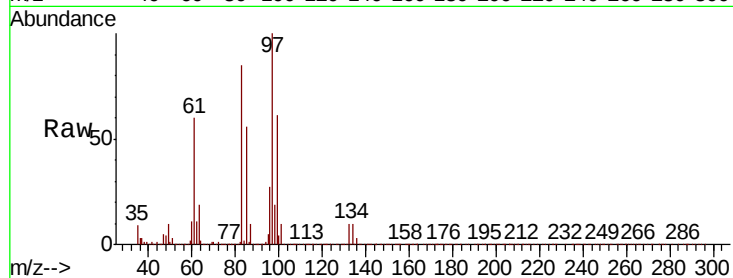
Ion Ratio Lower Upper

97 100

83 84.8 67.3 100.9

85 55.5 43.6 65.4

99 61.2 48.2 72.4

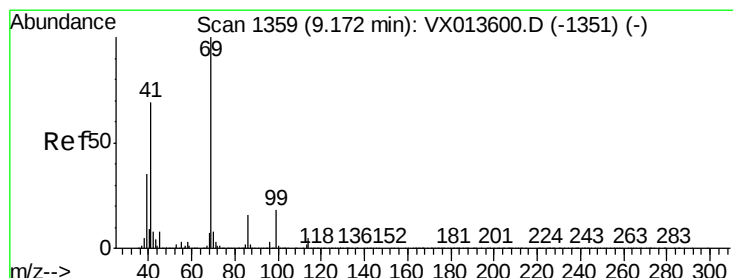
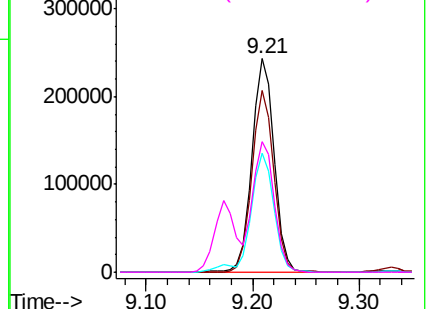
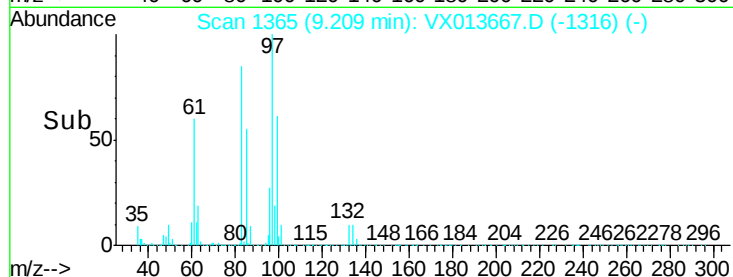


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.432 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

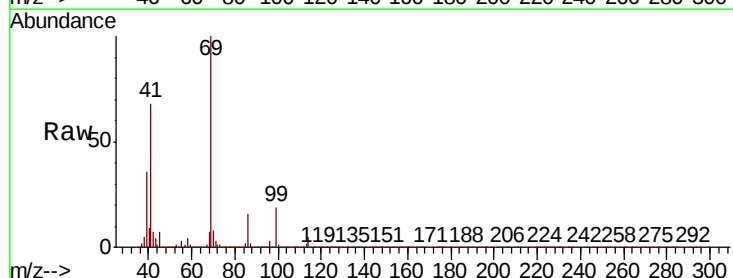
Tgt Ion: 69 Resp: 582338

Ion Ratio Lower Upper

69 100

41 67.2 55.0 82.4

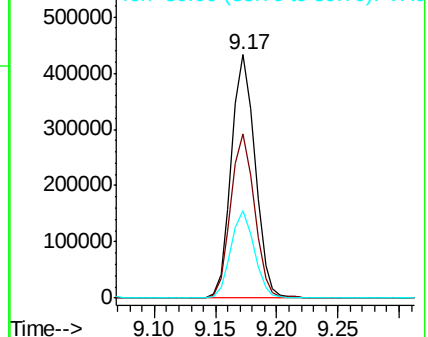
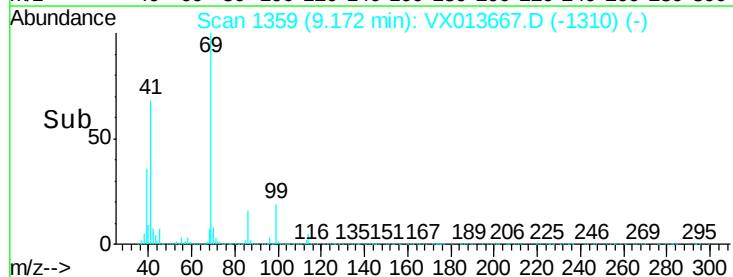
39 35.3 28.7 43.1

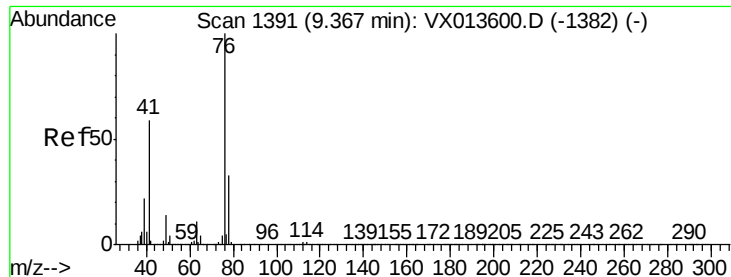


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.693 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

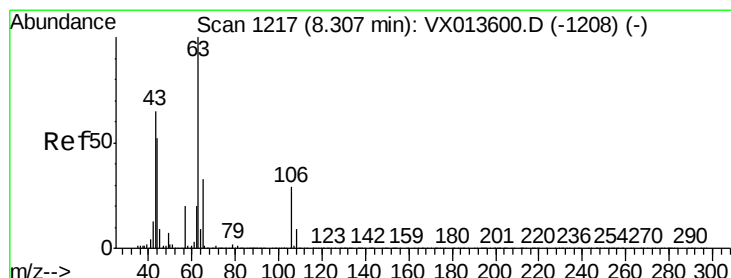
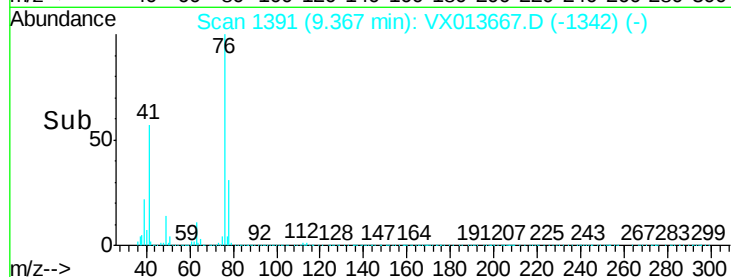
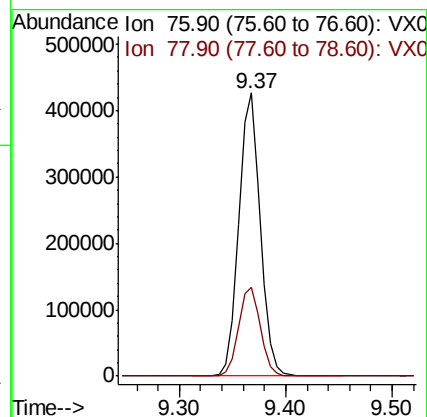
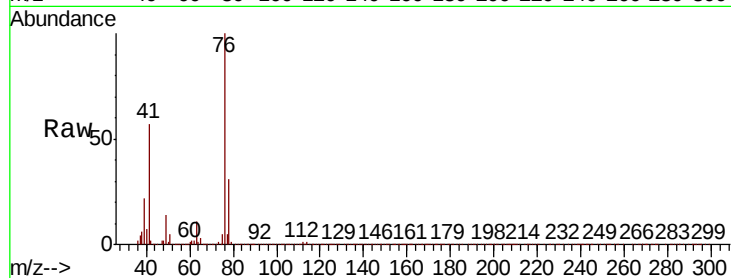
ClientSampleId :

Tot Ion: 76 Resp: 603226

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 249.363 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013667.D

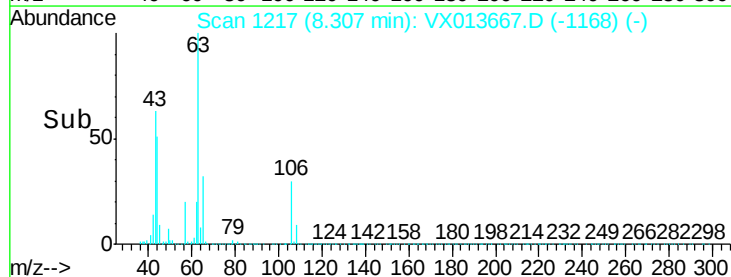
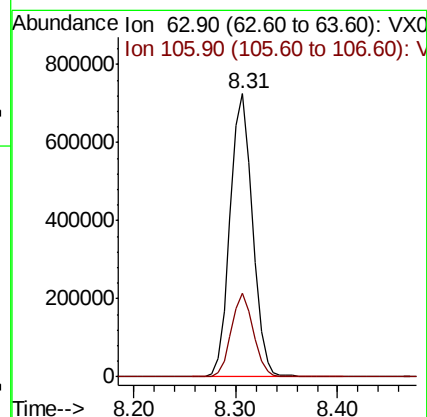
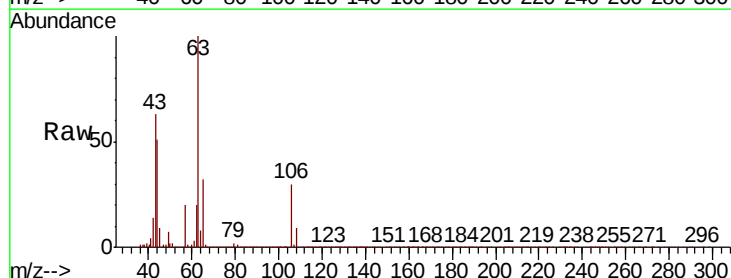
Acq: 27 Nov 2019 21:41

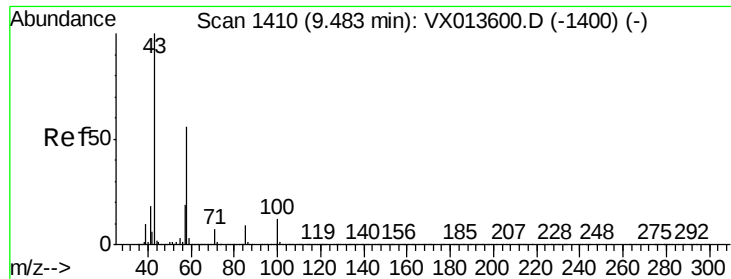
Tgt Ion: 63 Resp: 1106995

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0

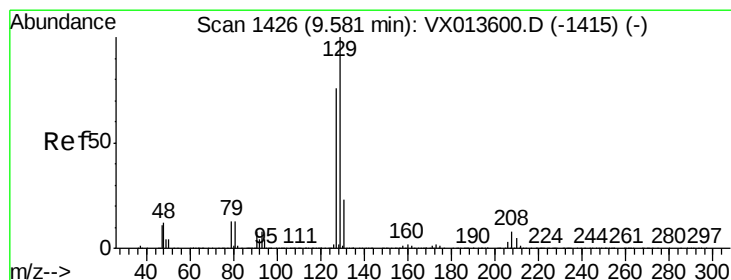
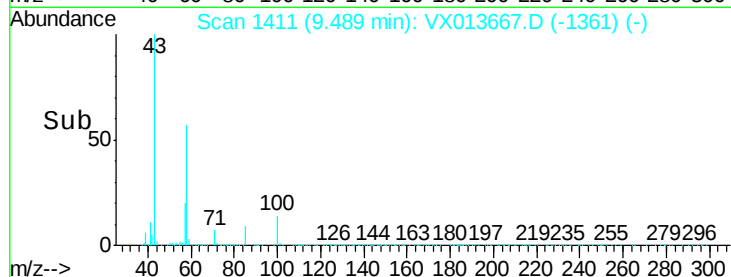
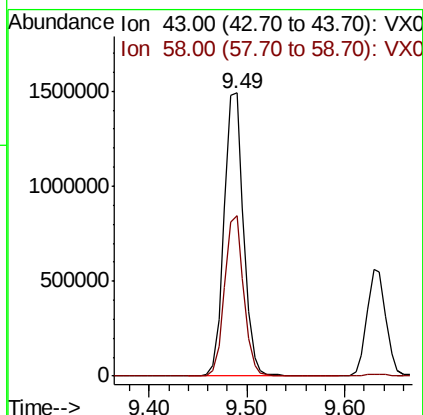
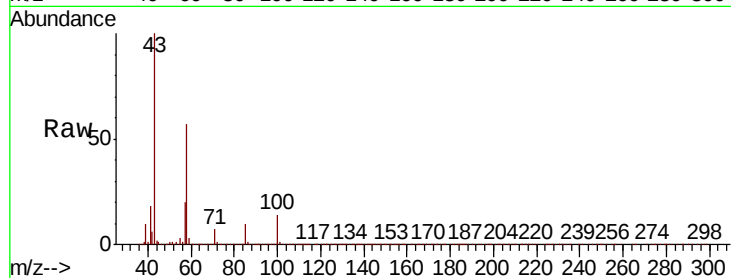




#59
2-Hexanone
Concen: 245.926 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

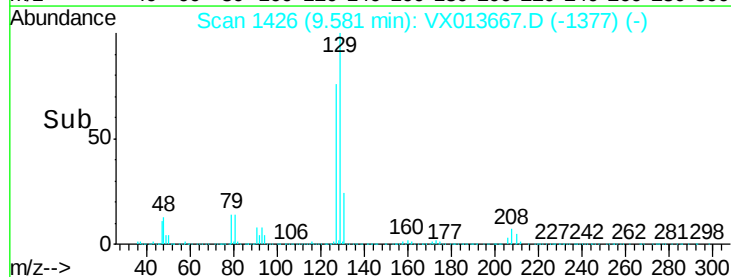
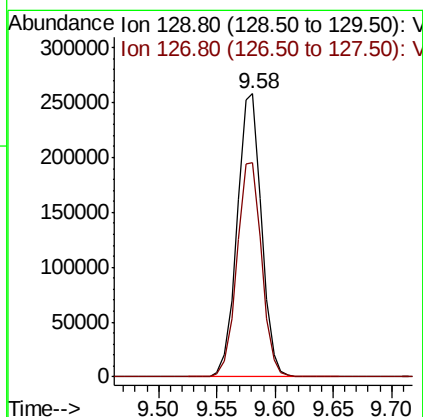
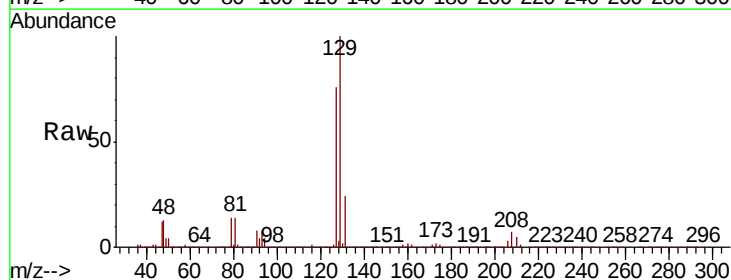
Instrument :
MSVOA_X
ClientSampleId :

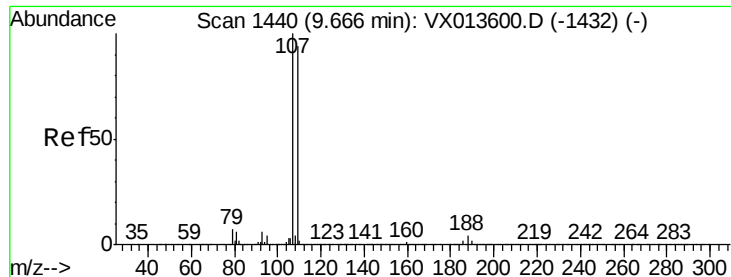
Tot Ion: 43 Resp: 2058129
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4



#60
Dibromochloromethane
Concen: 51.431 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 129 Resp: 375889
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.542 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

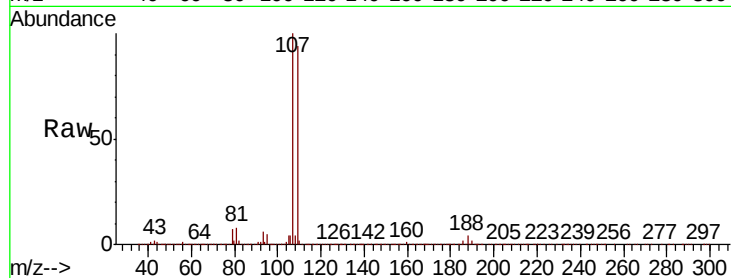
ClientSampleId :

Tot Ion: 107 Resp: 372643

Ion Ratio Lower Upper

107 100

109 94.9 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

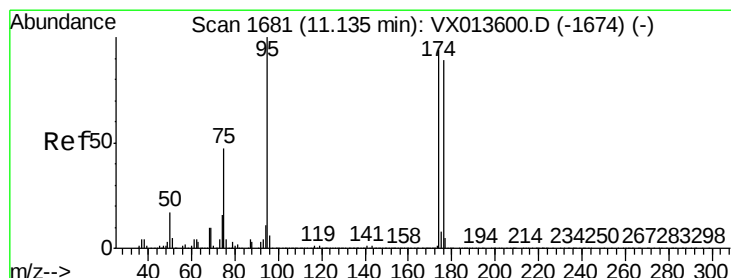
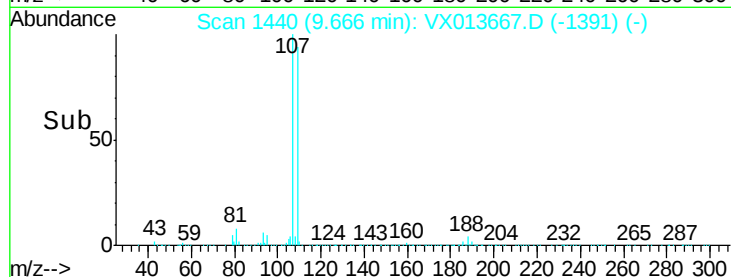
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.281 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

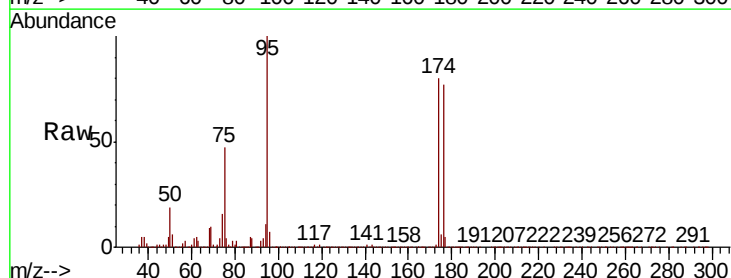
Tgt Ion: 95 Resp: 426687

Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 87.1 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

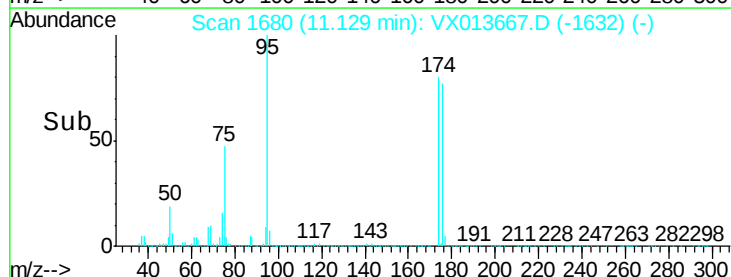
300000

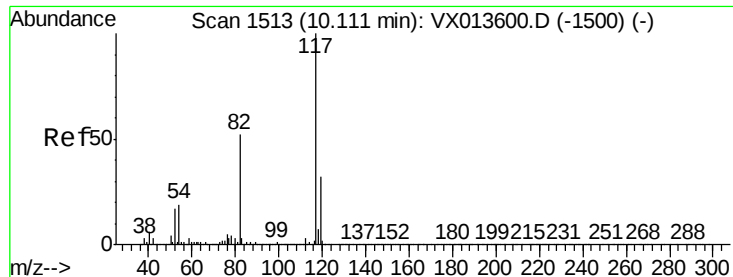
200000

100000

0

Time-->

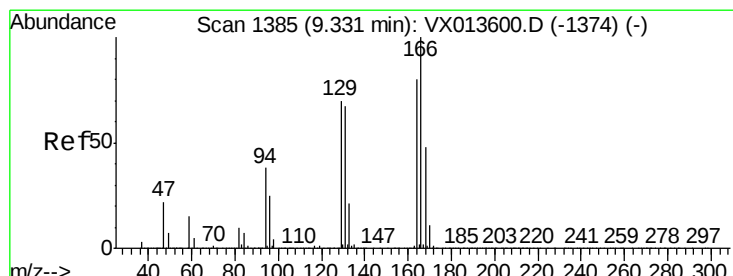
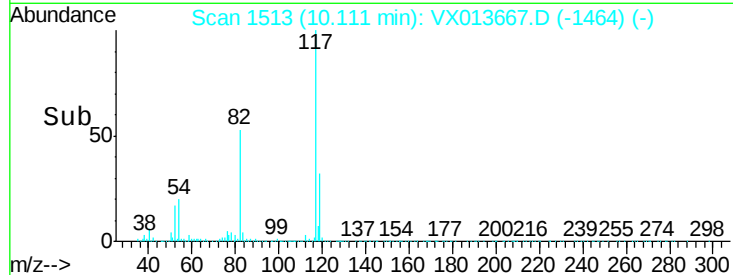
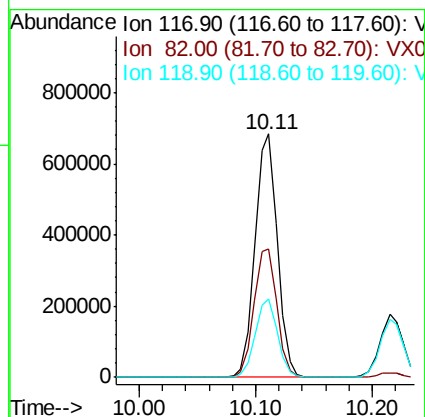
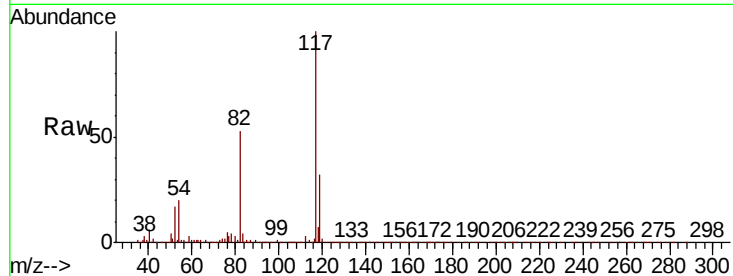




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

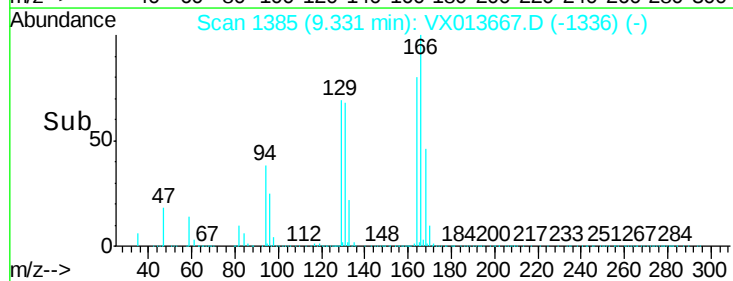
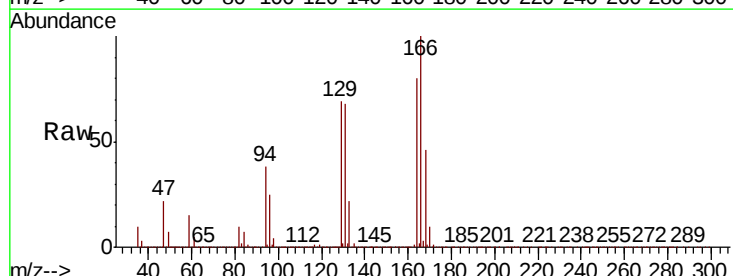
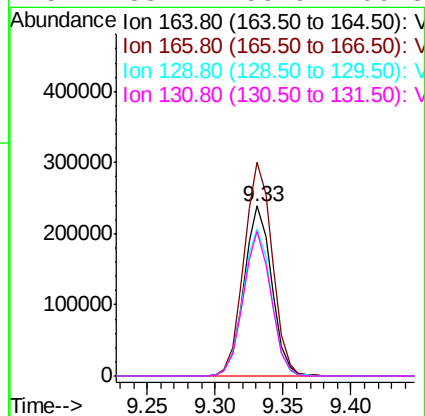
Instrument :
MSVOA_X
ClientSampled :

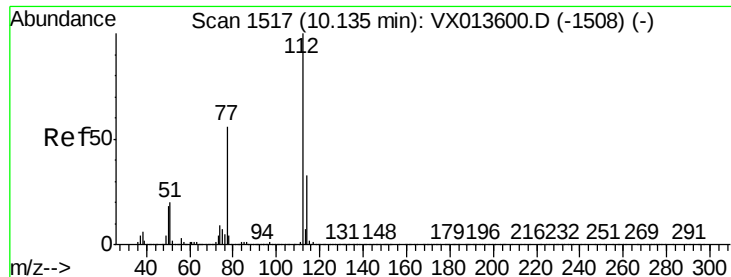
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.8
119	32.5	25.8	38.8



#64
Tetrachloroethene
Concen: 49.819 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	99.7	149.5
129	86.5	70.1	105.1
131	85.2	66.9	100.3

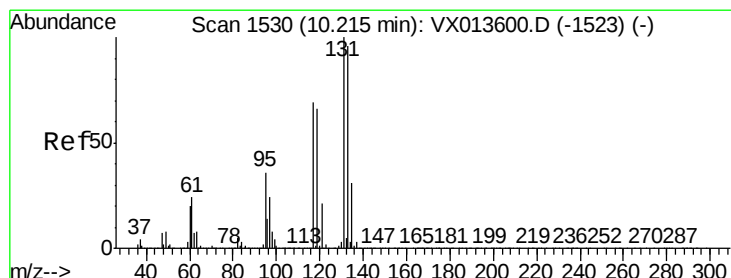
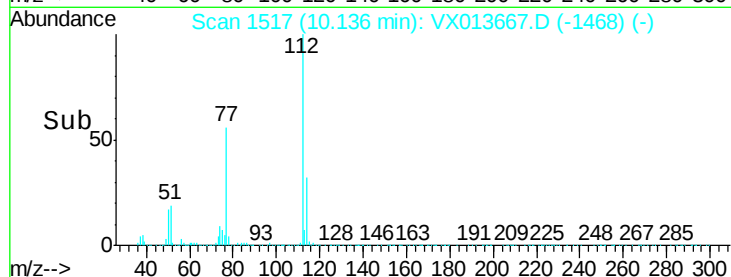
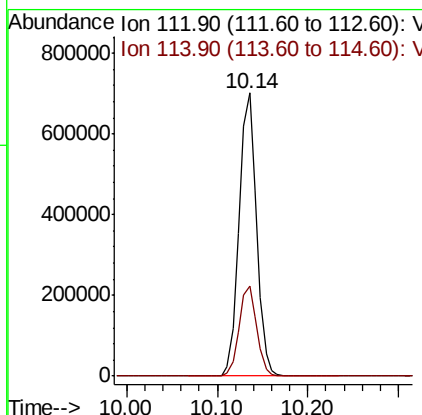
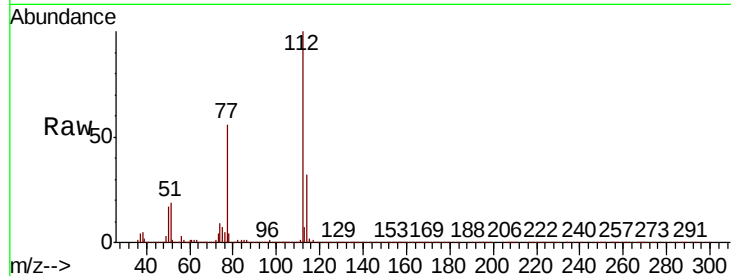




#65
Chlorobenzene
Concen: 49.245 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

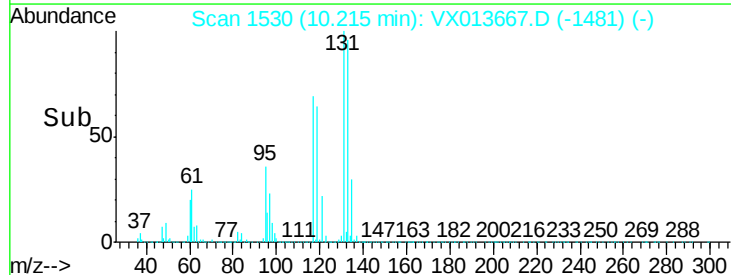
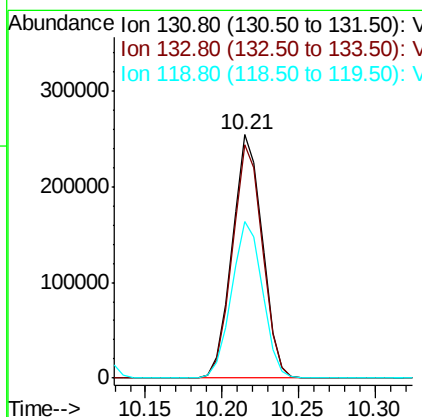
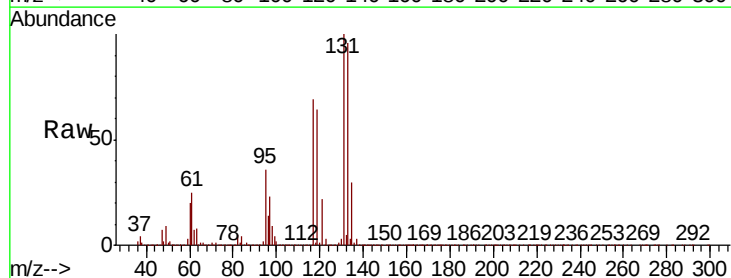
Instrument :
MSVOA_X
ClientSampleId :

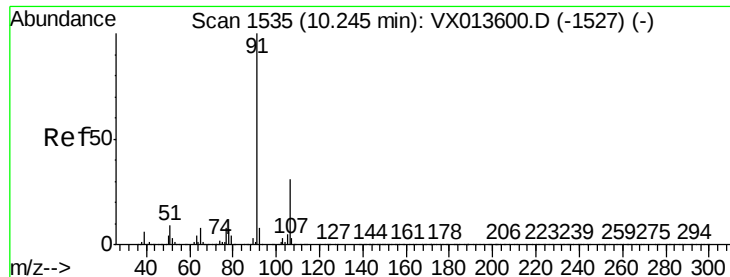
Tot Ion:112 Resp: 936641
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.984 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion:131 Resp: 348214
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 65.5 32.9 98.6





#67

Ethyl Benzene

Concen: 50.454 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

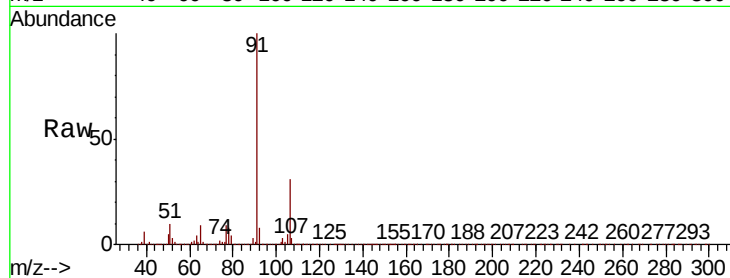
ClientSampleId :

Tot Ion: 91 Resp: 1649013

Ion Ratio Lower Upper

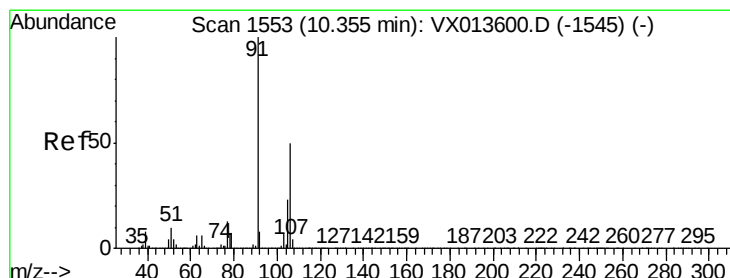
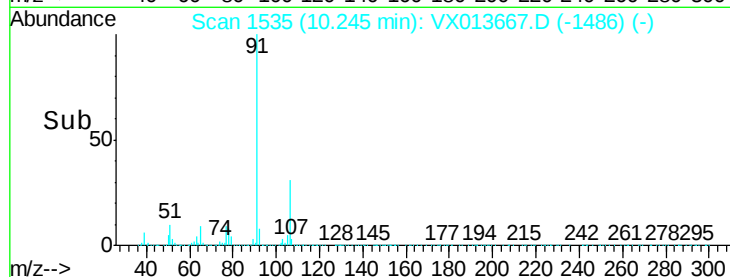
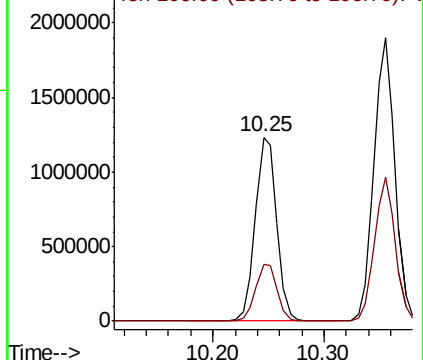
91 100

106 31.2 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.638 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013667.D

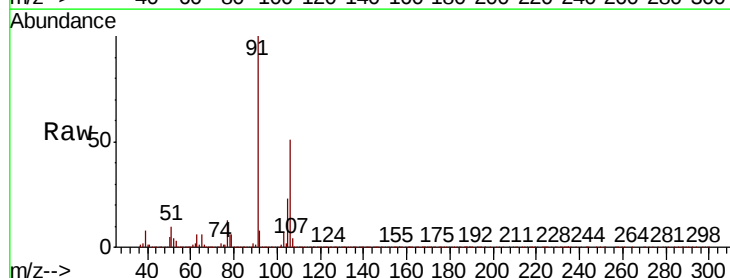
Acq: 27 Nov 2019 21:41

Tgt Ion: 106 Resp: 1259284

Ion Ratio Lower Upper

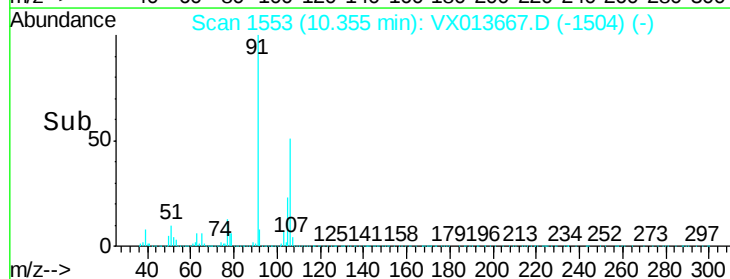
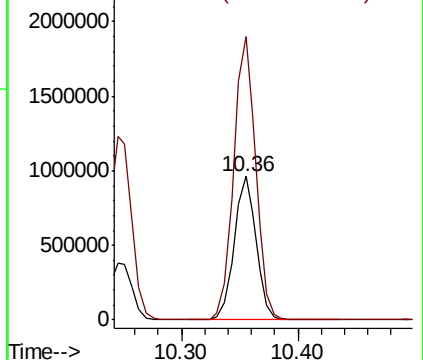
106 100

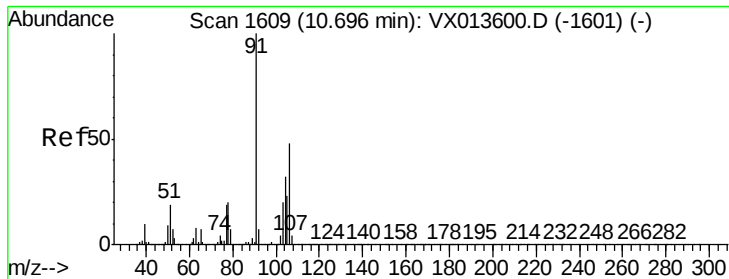
91 198.7 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

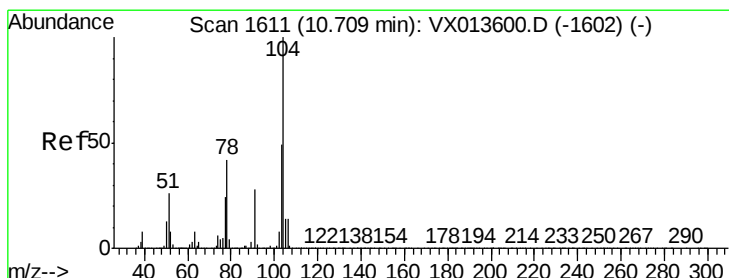
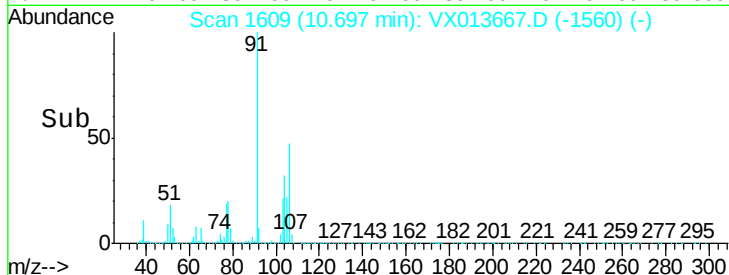
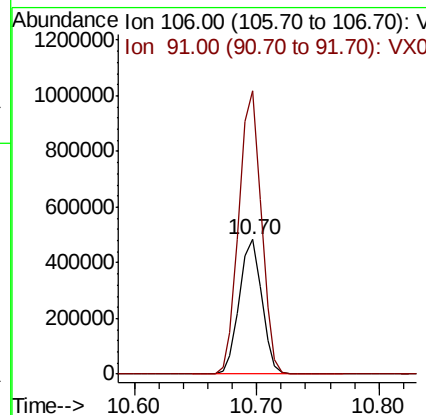
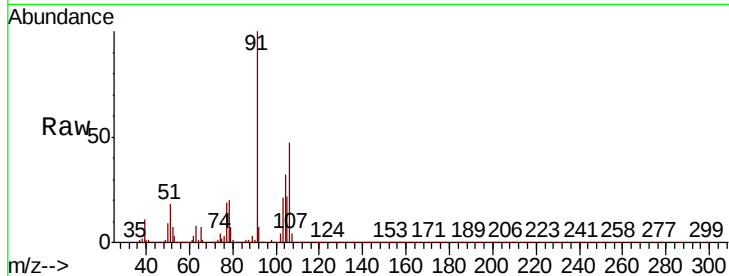




#69
o-Xylene
Concen: 50.380 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

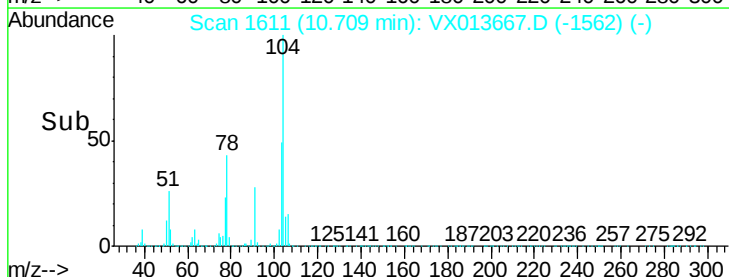
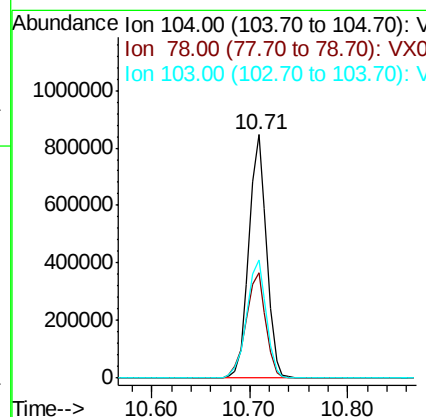
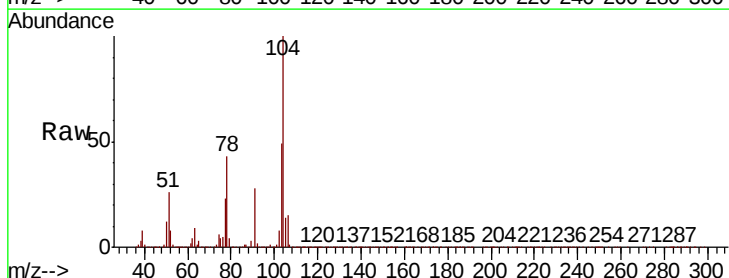
Instrument :
MSVOA_X
ClientSampleId :

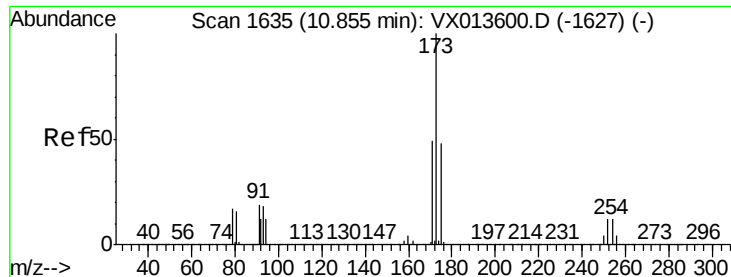
Tot Ion:106 Resp: 614833
Ion Ratio Lower Upper
106 100
91 209.2 104.1 312.2



#70
Styrene
Concen: 51.531 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion:104 Resp: 1057888
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 53.9 43.7 65.5

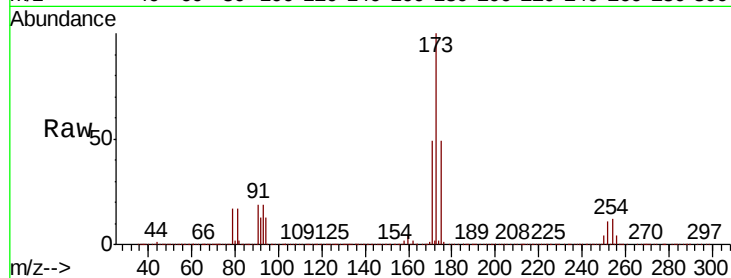




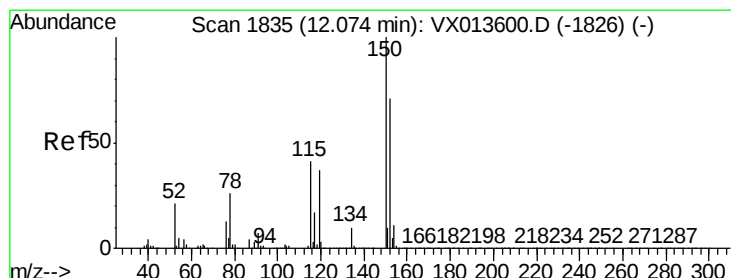
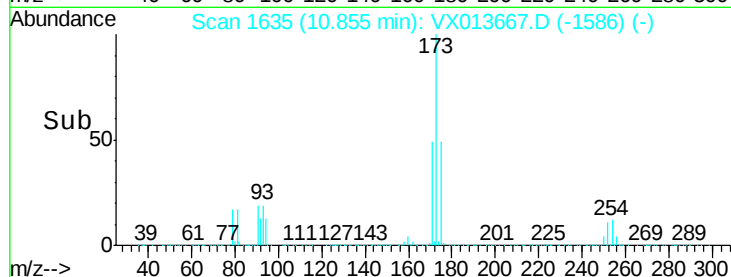
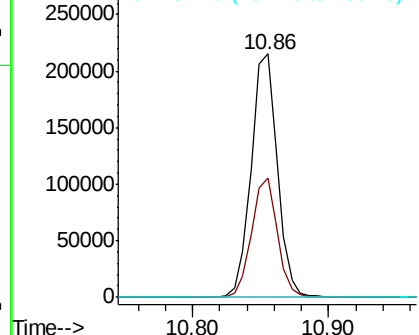
#71
Bromoform
Concen: 51.700 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 292166
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.2 0.2 0.4#

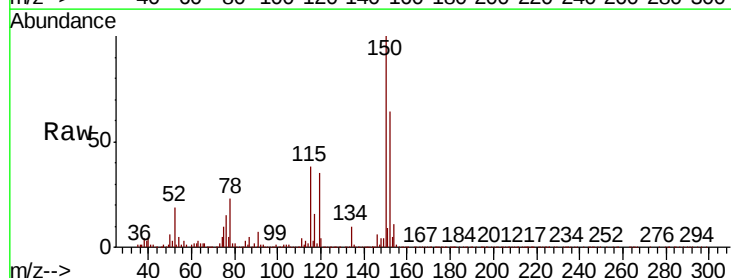


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

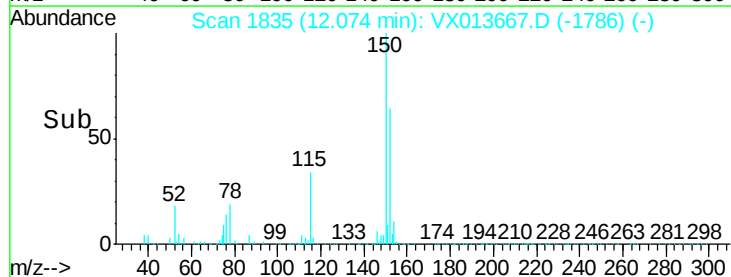
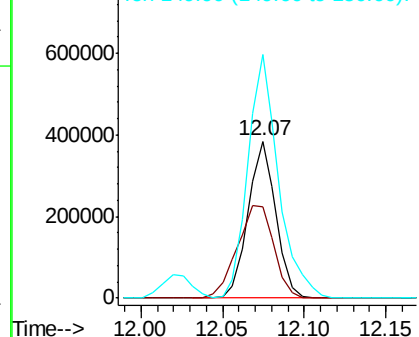


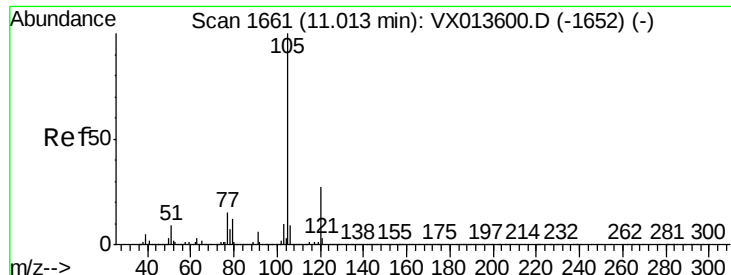
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion:152 Resp: 453108
Ion Ratio Lower Upper
152 100
115 78.5 38.4 115.1
150 171.8 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: 50.563 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

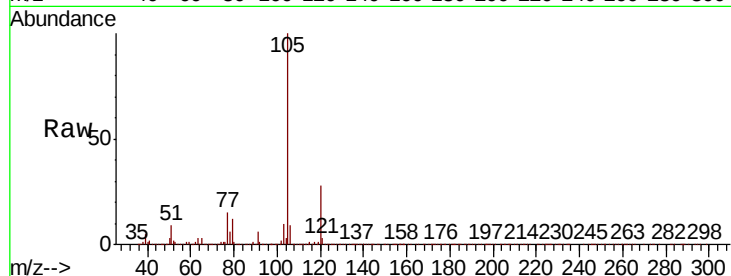
ClientSampled :

Tot Ion:105 Resp: 1607095

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

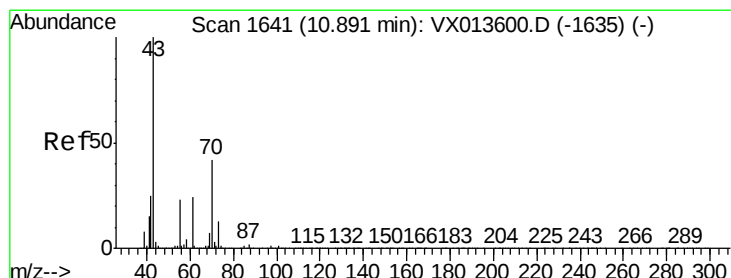
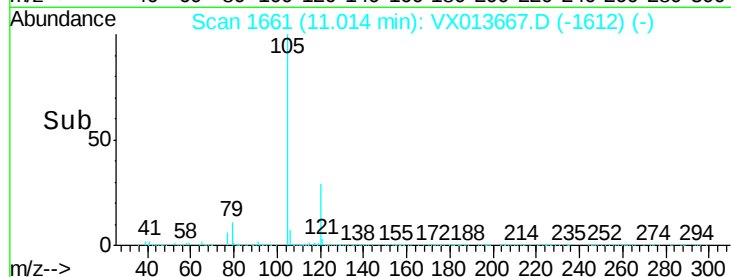
11.01

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 52.214 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion: 43 Resp: 760228

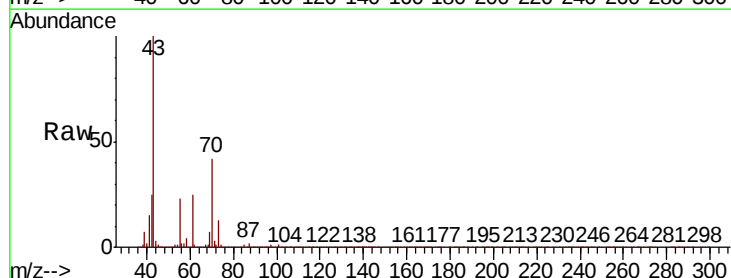
Ion Ratio Lower Upper

43 100

70 43.1 34.3 51.5

55 23.8 18.5 27.7

61 25.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

1000000 Ion 70.00 (69.70 to 70.70): VX0

800000 Ion 55.00 (54.70 to 55.70): VX0

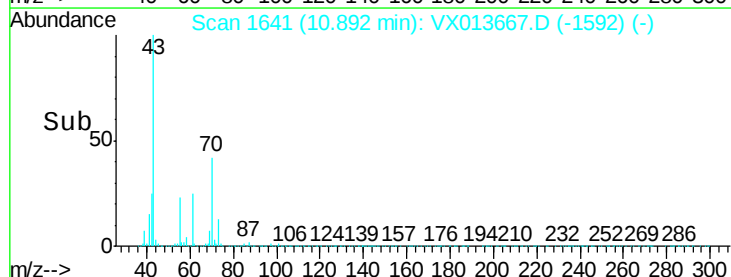
600000 Ion 61.00 (60.70 to 61.70): VX0

400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.296 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

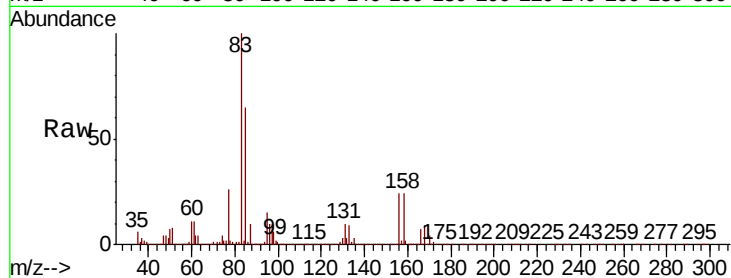
Tot Ion: 83 Resp: 565407

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

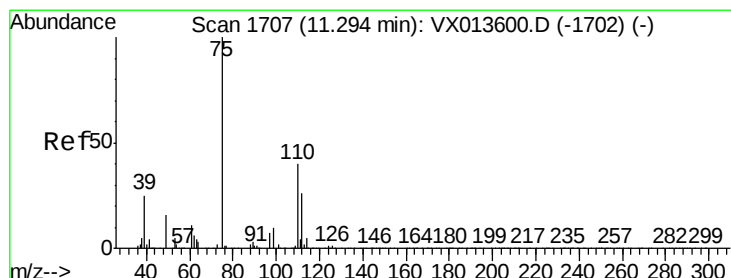
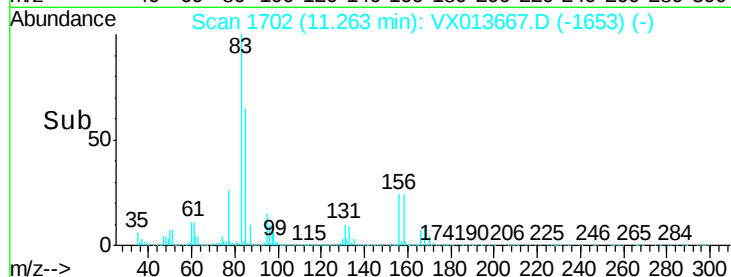
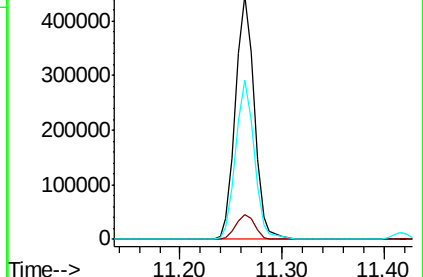
85 64.7 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.174 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013667.D

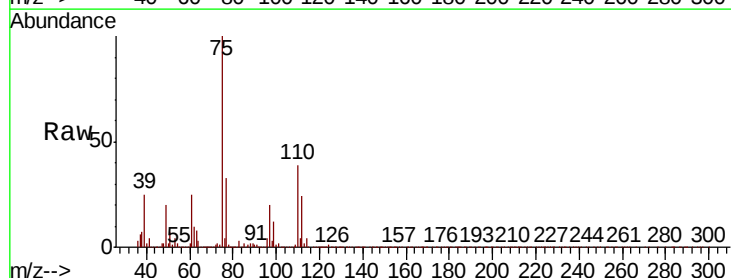
Acq: 27 Nov 2019 21:41

Tgt Ion: 75 Resp: 623432

Ion Ratio Lower Upper

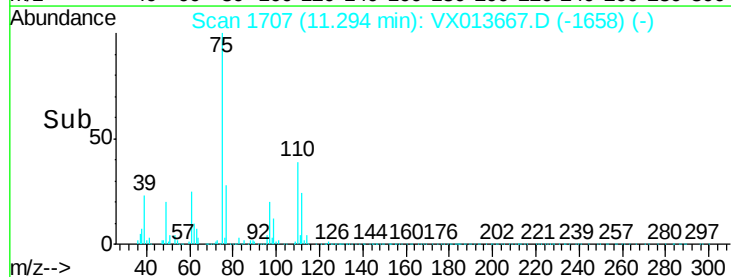
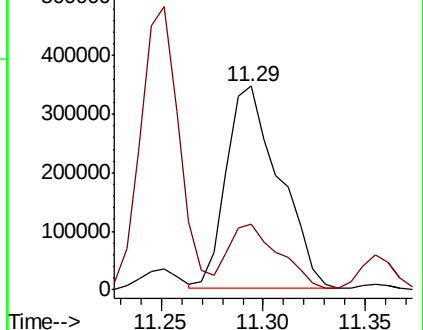
75 100

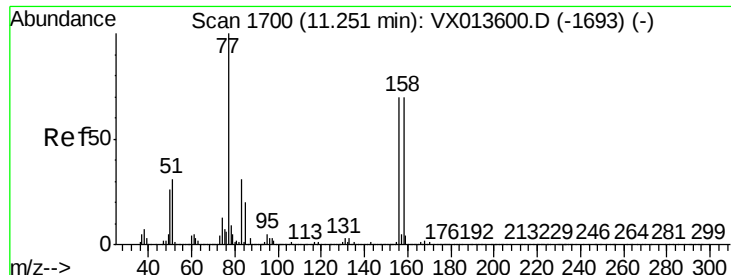
77 31.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.486 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

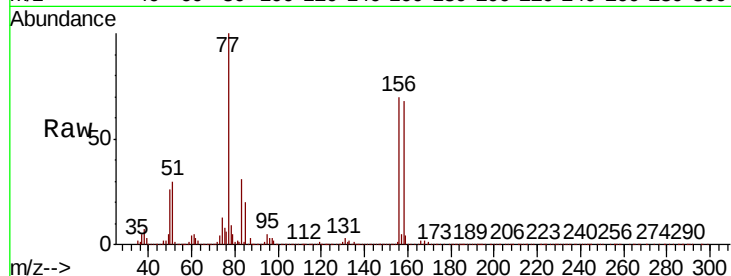
ClientSampleId :

Tot Ion:156 Resp: 424915

Ion	Ratio	Lower	Upper
156	100		
77	149.4	74.4	223.1
158	97.2	48.9	146.6

77 149.4 74.4 223.1

158 97.2 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

600000

500000

400000

300000

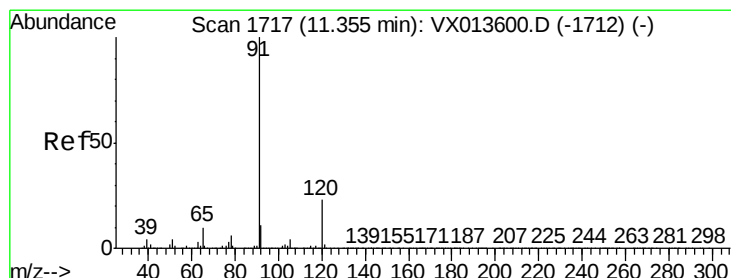
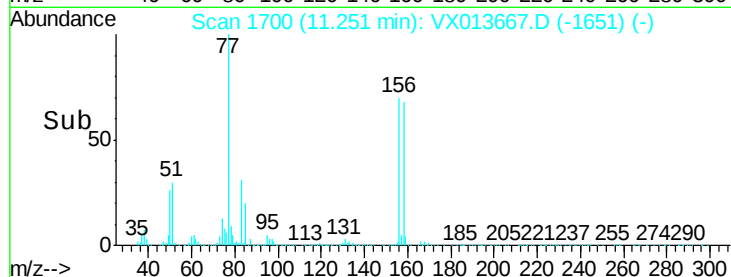
200000

100000

0

11.20 11.25 11.30

Time-->



#78

n-propylbenzene

Concen: 51.365 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013667.D

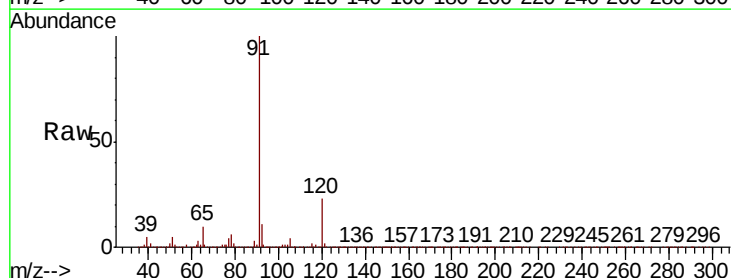
Acq: 27 Nov 2019 21:41

Tgt Ion: 91 Resp: 1822472

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.8	35.3

91 100

120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

1500000

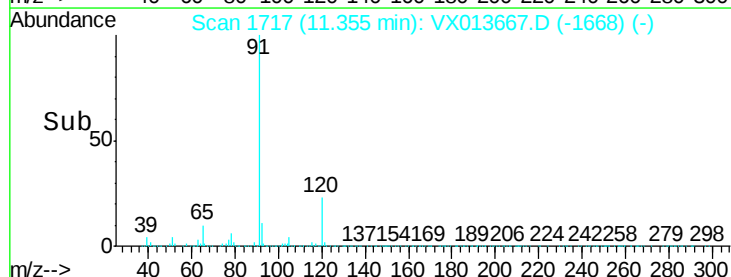
1000000

500000

0

11.30 11.35 11.40

Time-->





#79

2-Chlorotoluene

Concen: 50.602 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

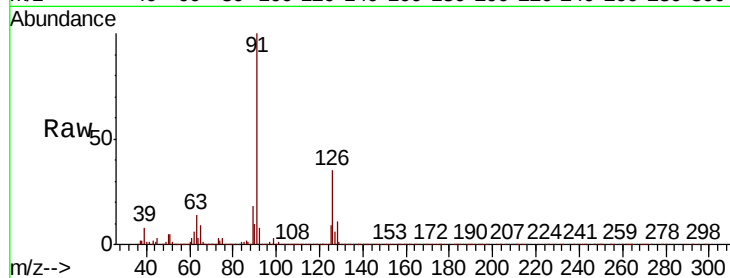
ClientSampleId :

Tot Ion: 91 Resp: 1077000

Ion Ratio Lower Upper

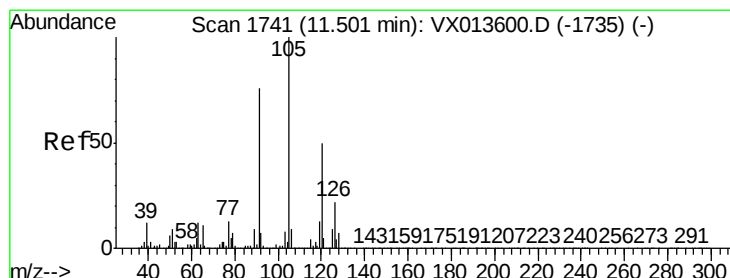
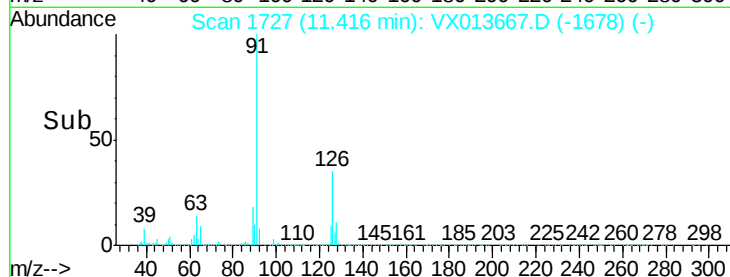
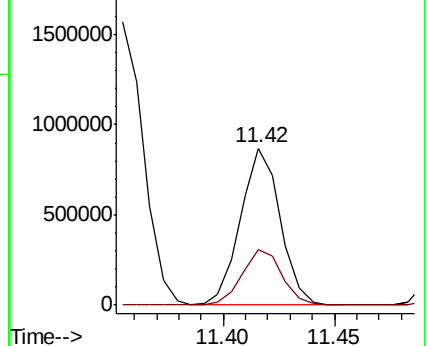
91 100

126 35.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.803 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013667.D

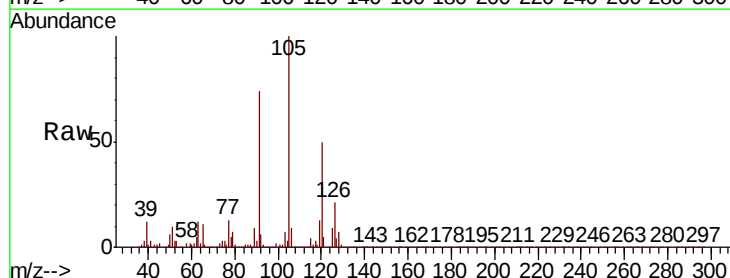
Acq: 27 Nov 2019 21:41

Tgt Ion:105 Resp: 1349444

Ion Ratio Lower Upper

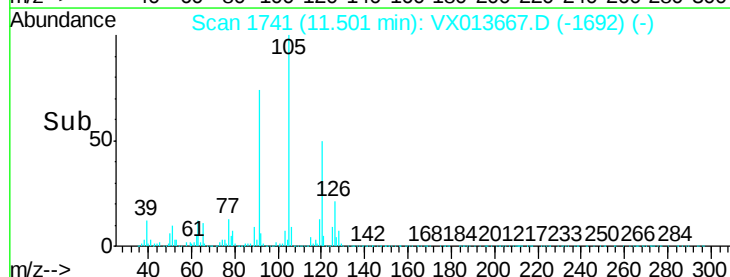
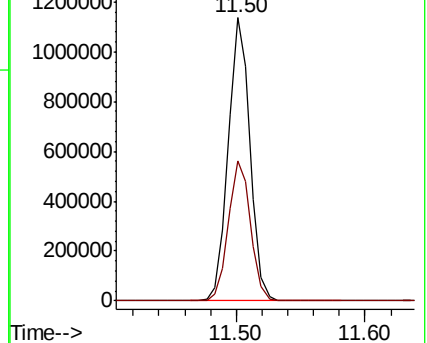
105 100

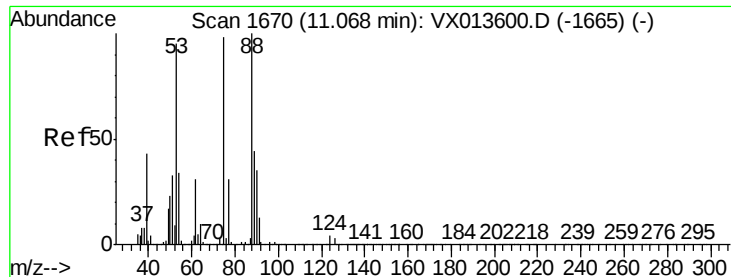
120 50.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

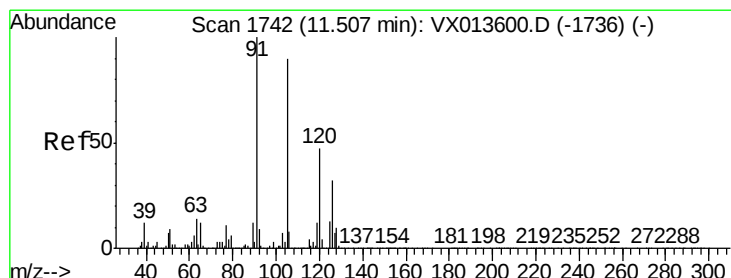
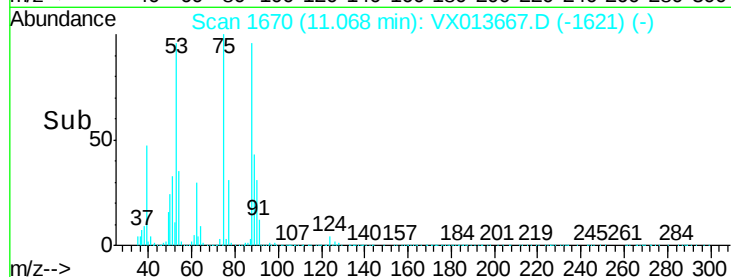
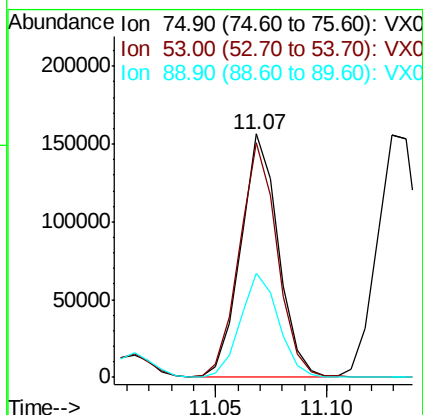
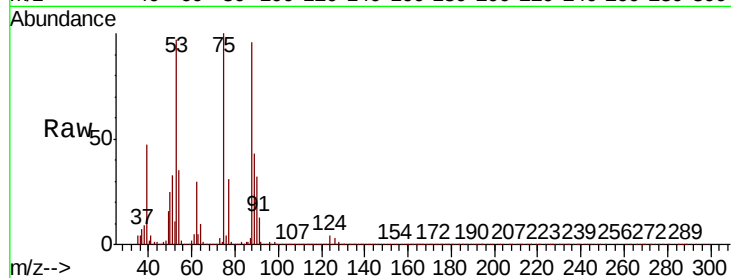




#81
trans-1,4-Dichloro-2-butene
Concen: 49.197 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

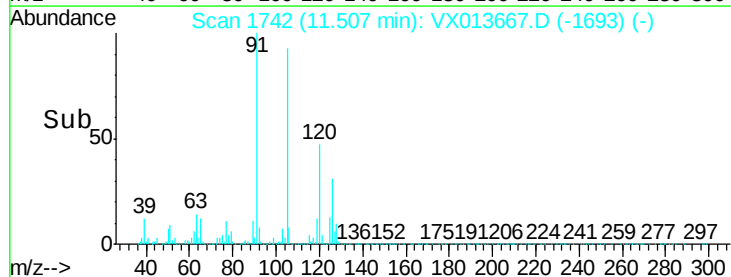
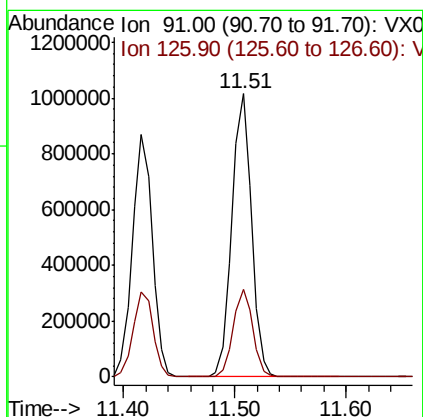
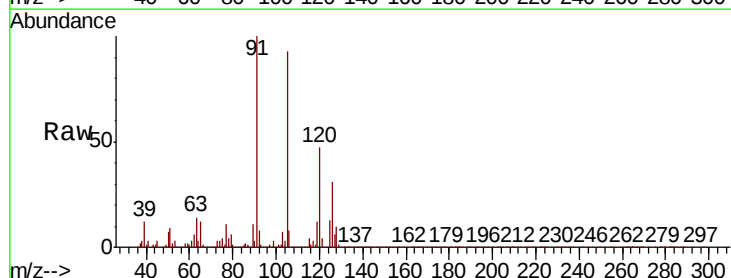
Instrument :
MSVOA_X
ClientSampleId :

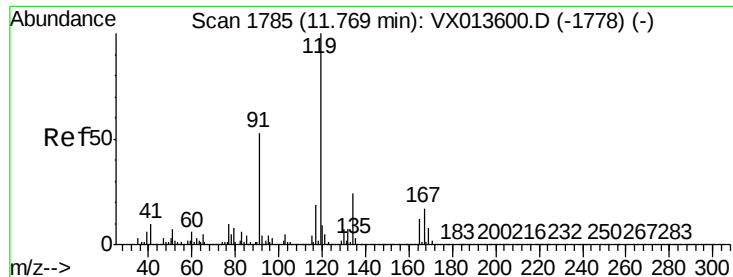
Tot Ion: 75 Resp: 183262
Ion Ratio Lower Upper
75 100
53 97.0 78.2 117.2
89 43.2 35.4 53.2



#82
4-Chlorotoluene
Concen: 50.314 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 91 Resp: 1240290
Ion Ratio Lower Upper
91 100
126 30.7 15.7 47.0





#83

tert-Butylbenzene

Concen: 51.237 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

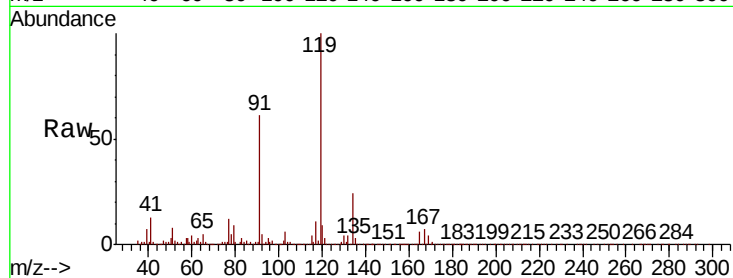
Tot Ion:119 Resp: 1356457

Ion	Ratio	Lower	Upper
119	100		
91	54.6	27.2	81.6
134	23.8	11.7	35.1

119 100

91 54.6 27.2 81.6

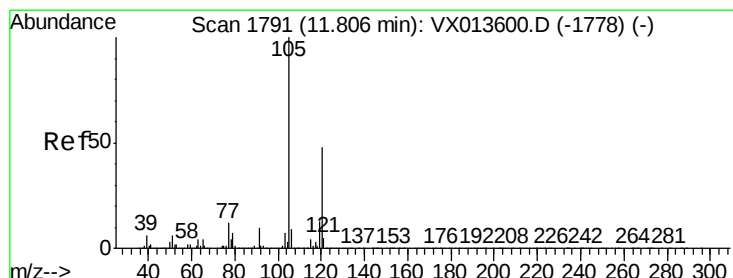
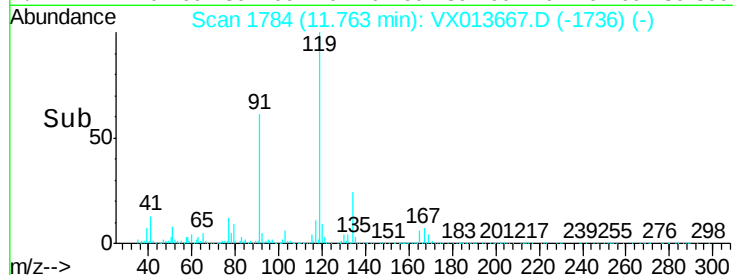
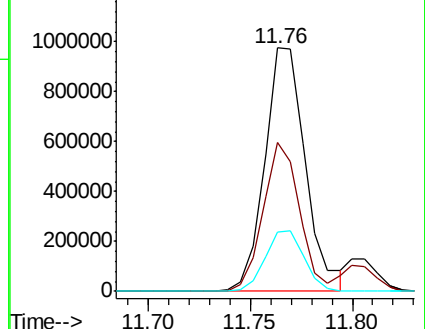
134 23.8 11.7 35.1



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: 51.239 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013667.D

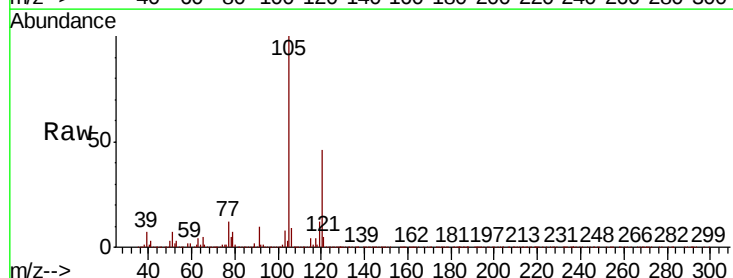
Acq: 27 Nov 2019 21:41

Tgt Ion:105 Resp: 1354642

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3

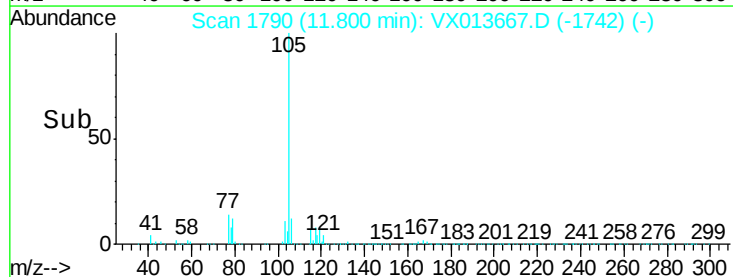
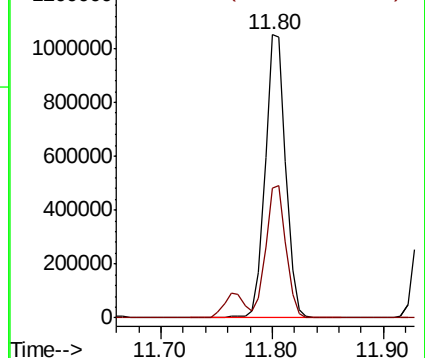
105 100

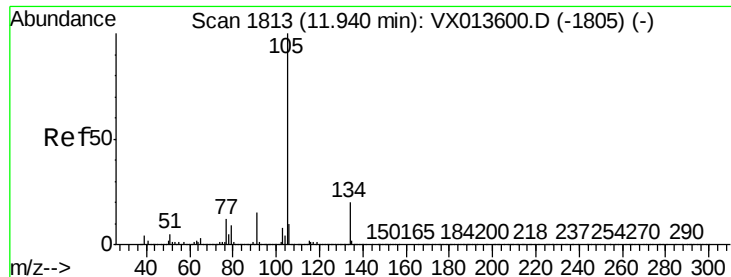
120 45.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.266 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

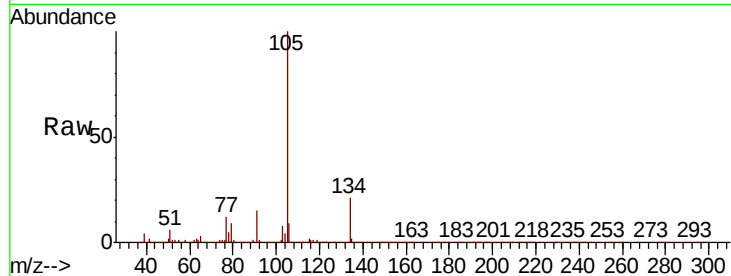
ClientSampled :

Tot Ion:105 Resp: 1550251

Ion Ratio Lower Upper

105 100

134 20.7 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

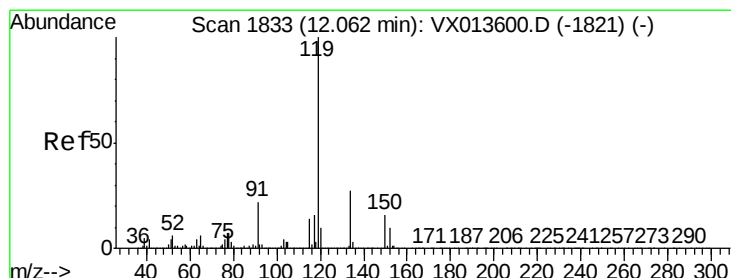
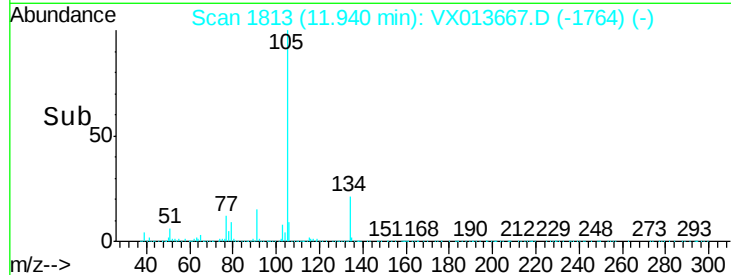
1000000

500000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 50.435 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

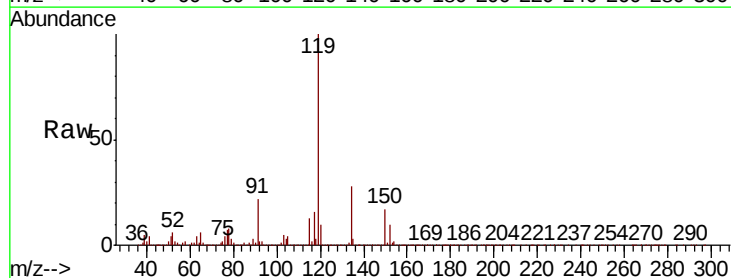
Tgt Ion:119 Resp: 1418816

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

91 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

1500000

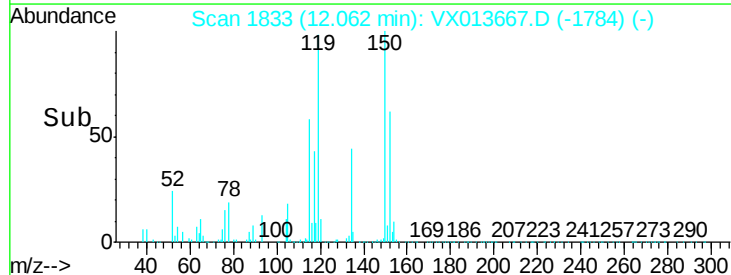
1000000

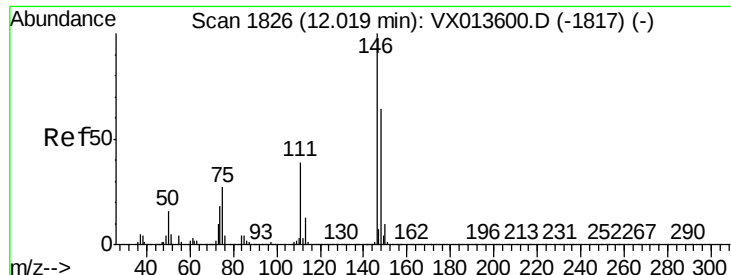
500000

0

Time-->

12.00 12.10

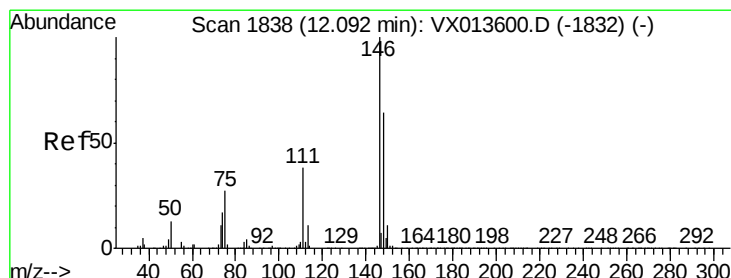
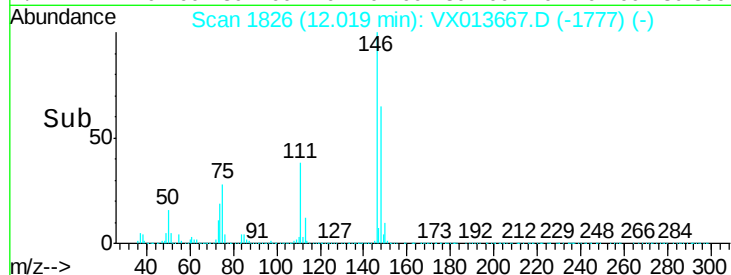
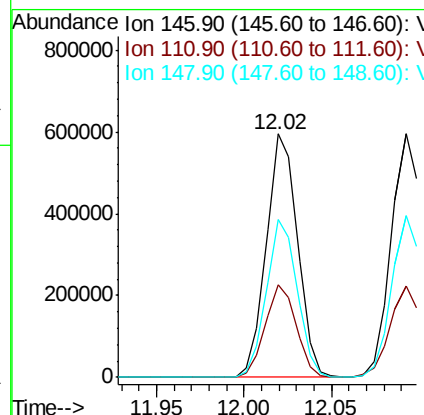
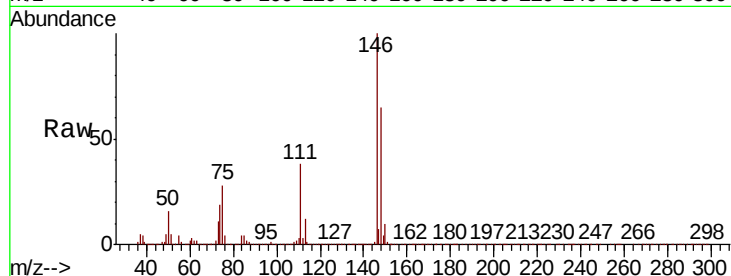




#87
 1,3-Dichlorobenzene
 Concen: 49.579 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

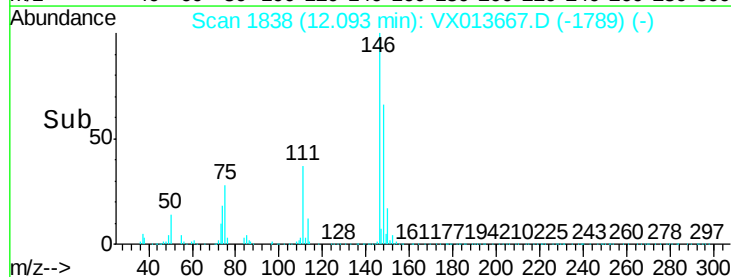
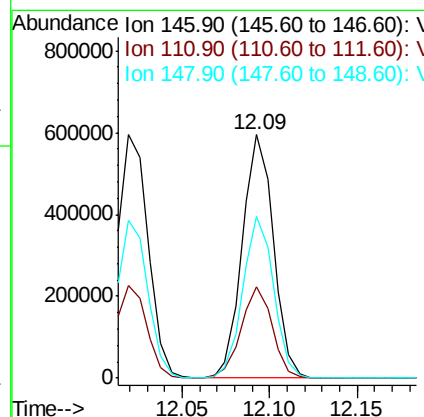
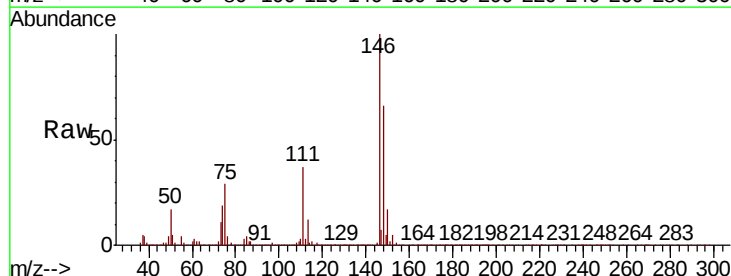
Instrument :
 MSVOA_X
 ClientSampleId :

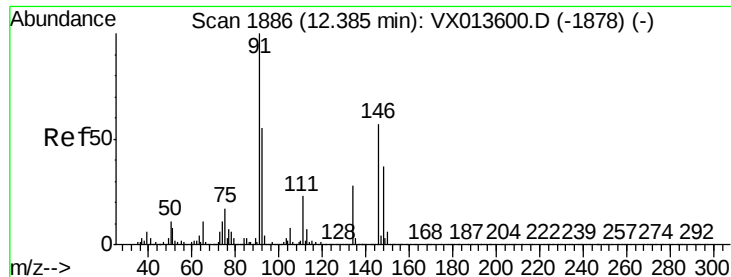
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.8	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.232 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	65.5	31.9	95.5





#89

n-Butylbenzene

Concen: 51.121 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampled :

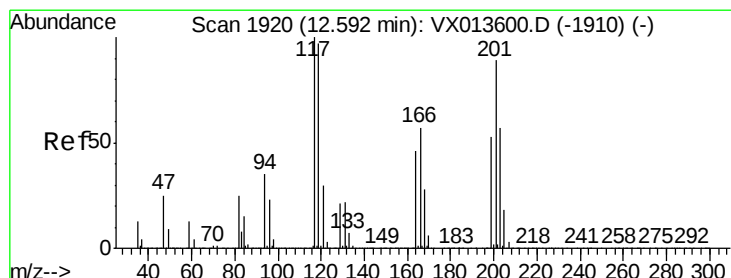
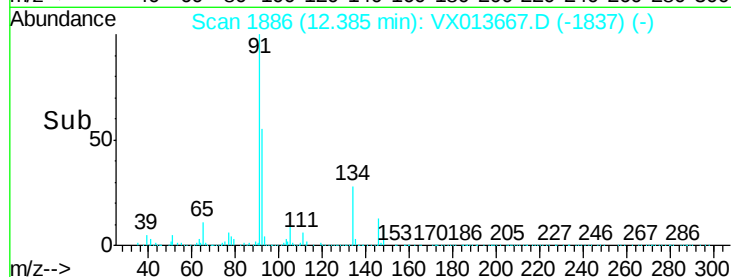
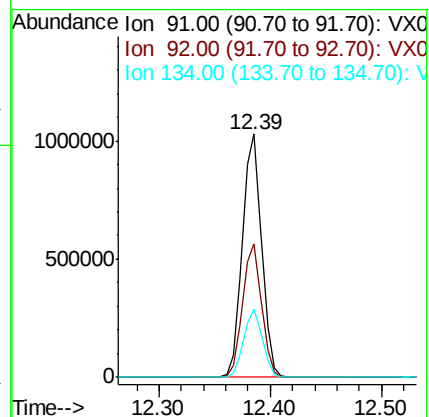
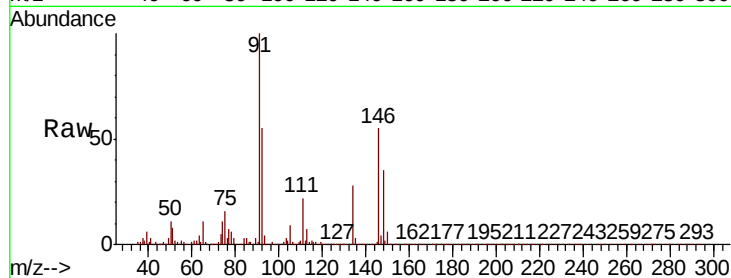
Tot Ion: 91 Resp: 1226573

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

134 27.4 13.5 40.4



#90

Hexachloroethane

Concen: 49.852 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013667.D

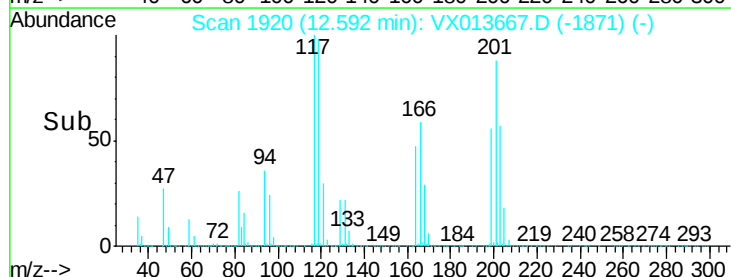
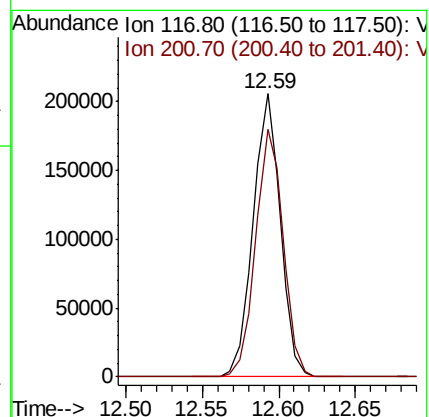
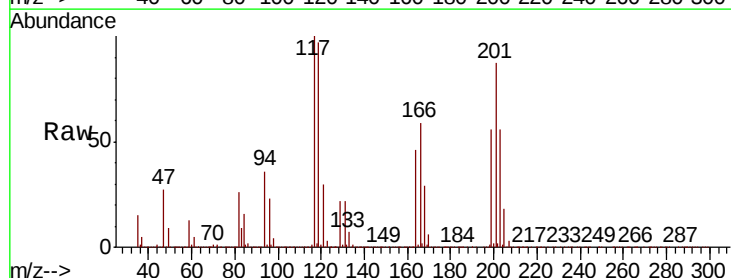
Acq: 27 Nov 2019 21:41

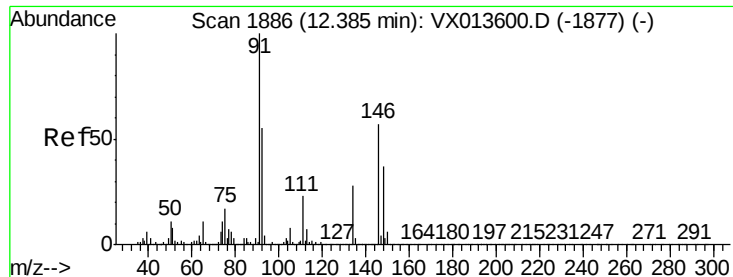
Tgt Ion: 117 Resp: 253488

Ion Ratio Lower Upper

117 100

201 89.0 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 49.977 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

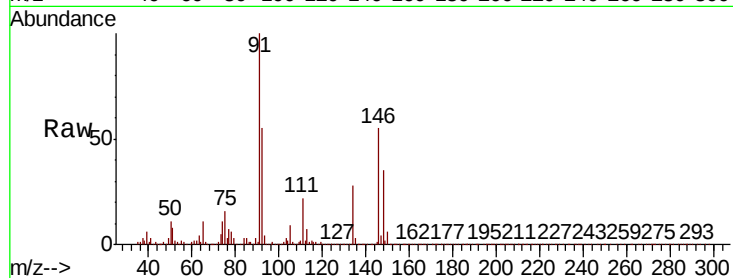
Tot Ion:146 Resp: 739093

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

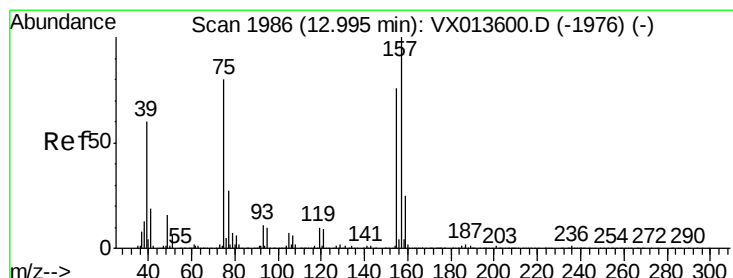
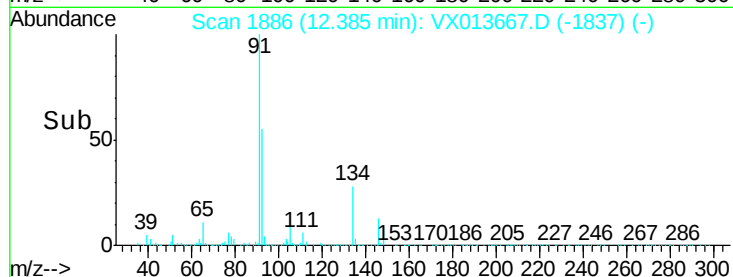
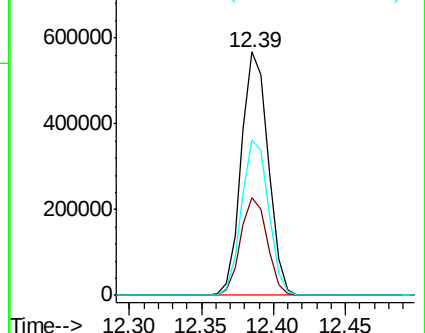
148 64.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.848 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

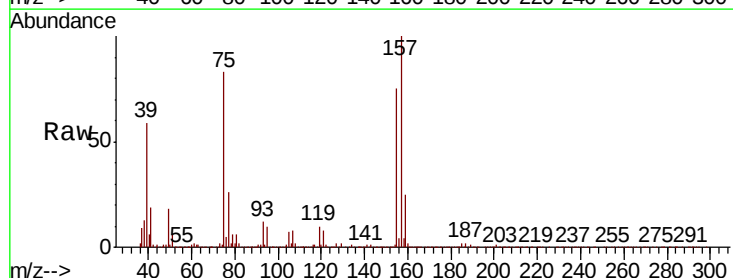
Tgt Ion: 75 Resp: 122050

Ion Ratio Lower Upper

75 100

155 96.5 47.6 142.8

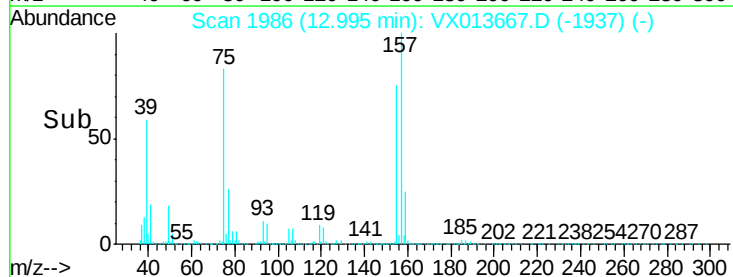
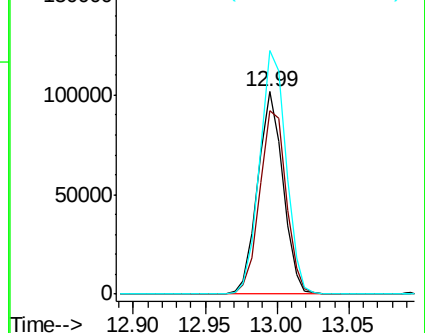
157 126.2 62.1 186.2

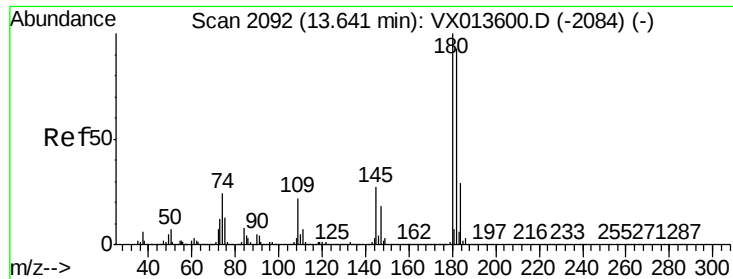


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

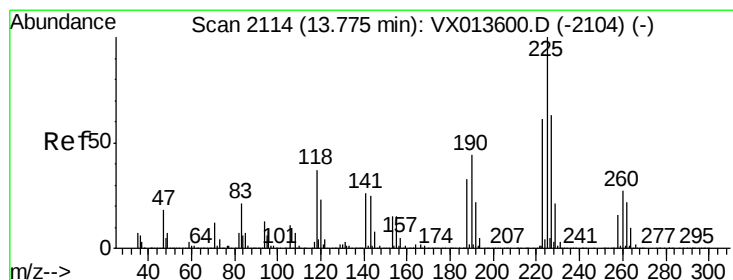
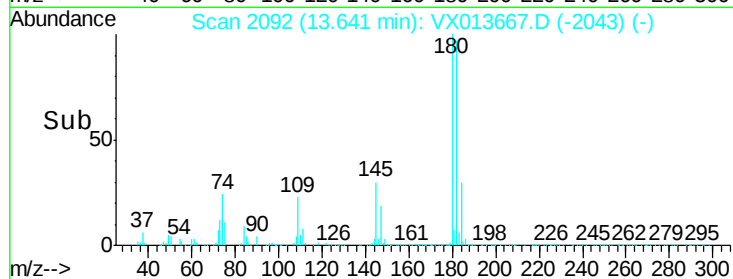
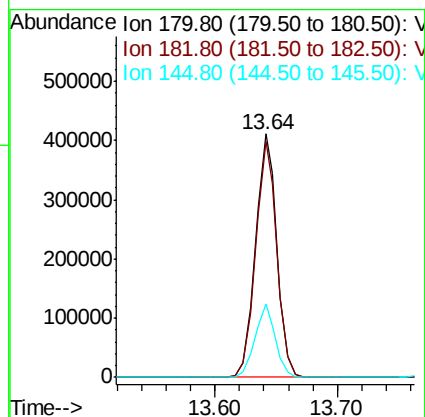
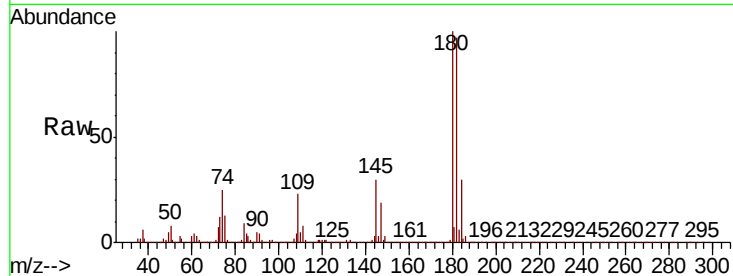




#93
 1,2,4-Trichlorobenzene
 Concen: 48.503 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

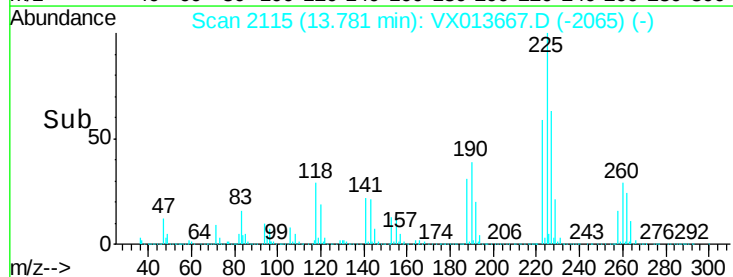
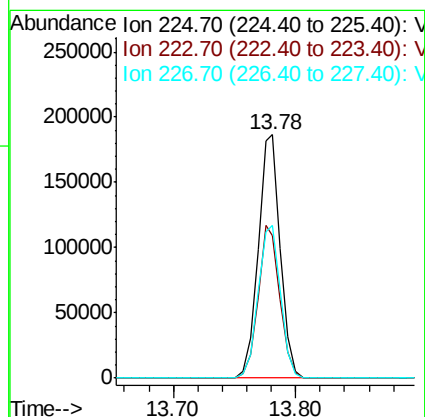
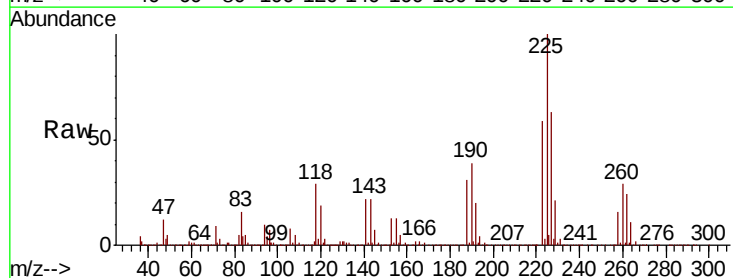
Instrument :
 MSVOA_X
 ClientSampleId :

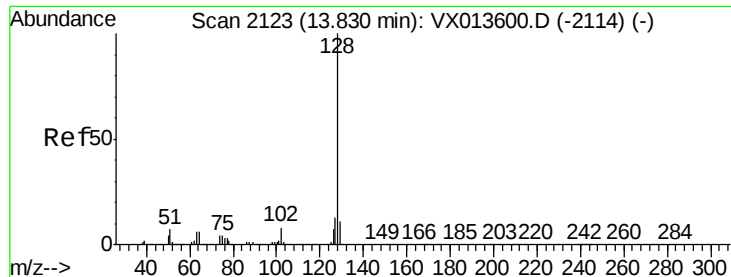
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.2	141.6
145	29.0	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 47.425 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.9	95.5
227	64.0	32.1	96.3

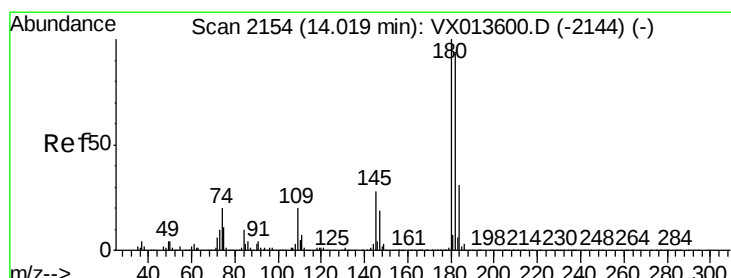
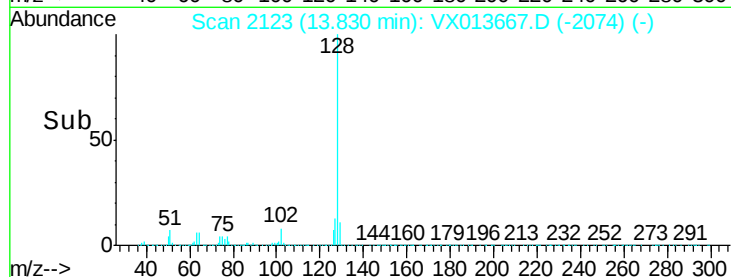
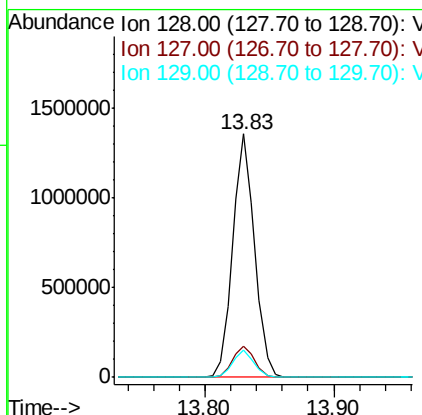
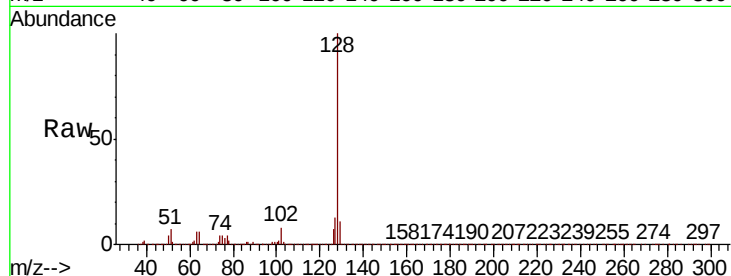




#95
Naphthalene
Concen: 52.357 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1607018
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.651 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion:180 Resp: 516881
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 30.1 15.0 45.0

