

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013733.D
 Acq On : 03 Dec 2019 18:31
 Operator : JC/SP
 Sample : K5984-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 00:39:07 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	639292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	994465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	898557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	447207	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	360213	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
35) Dibromofluoromethane	5.49	113	301437	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	1137085	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.14	95	409064	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	346829	48.741	ug/l	97
3) Chloromethane	1.32	50	370606	46.417	ug/l	99
4) Vinyl Chloride	1.40	62	457101	50.865	ug/l	99
5) Bromomethane	1.63	94	236137	39.127	ug/l	99
6) Chloroethane	1.71	64	243900	47.695	ug/l	96
7) Trichlorofluoromethane	1.92	101	488468	48.951	ug/l	98
8) Diethyl Ether	2.18	74	223840	49.583	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	290026	47.583	ug/l	98
10) Methyl Iodide	2.50	142	313129	42.470	ug/l	99
11) Tert butyl alcohol	3.03	59	401732	219.325	ug/l	98
12) 1,1-Dichloroethene	2.36	96	299543	49.235	ug/l	99
13) Acrolein	2.28	56	272450	223.075	ug/l	100
14) Allyl chloride	2.72	41	540688	48.972	ug/l	99
15) Acrylonitrile	3.13	53	937273	247.896	ug/l	99
16) Acetone	2.43	43	784688	214.178	ug/l	99
17) Carbon Disulfide	2.56	76	805989	46.472	ug/l	100
18) Methyl Acetate	2.76	43	516898	50.666	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1016012	50.411	ug/l	100
20) Methylene Chloride	2.85	84	339491	48.233	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	321503	48.508	ug/l	99
22) Diisopropyl ether	3.84	45	1081967	50.893	ug/l	97
23) Vinyl Acetate	3.80	43	4334078	245.061	ug/l	100
24) 1,1-Dichloroethane	3.69	63	585239	50.357	ug/l	99
25) 2-Butanone	4.66	43	1311725	240.906	ug/l	100
26) 2,2-Dichloropropane	4.58	77	427566	44.466	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	371091	48.755	ug/l	98
28) Bromochloromethane	5.00	49	247910	53.980	ug/l	100
29) Tetrahydrofuran	5.11	42	843442	251.275	ug/l	100
30) Chloroform	5.20	83	569120	48.286	ug/l	99
31) Cyclohexane	5.57	56	526675	48.047	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	490422	49.792	ug/l	100
36) 1,1-Dichloropropene	5.79	75	431006	47.745	ug/l	99
37) Ethyl Acetate	4.82	43	496058	48.983	ug/l	100
38) Carbon Tetrachloride	5.78	117	417960	50.212	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	522604	46.835	ug/l	98
40) Benzene	6.14	78	1327387	48.279	ug/l	99
41) Methacrylonitrile	5.03	41	282470	50.859	ug/l	99
42) 1,2-Dichloroethane	6.18	62	465013	49.593	ug/l	99
43) Isopropyl Acetate	6.43	43	804201	48.235	ug/l	100
44) Trichloroethene	7.21	130	359007	47.578	ug/l	95
45) 1,2-Dichloropropane	7.51	63	343912	49.995	ug/l	99
46) Dibromomethane	7.65	93	225580	48.283	ug/l	99
47) Bromodichloromethane	7.89	83	452197	51.199	ug/l	98
48) Methyl methacrylate	7.76	41	415848	51.334	ug/l	99
49) 1,4-Dioxane	7.73	88	155318	856.562	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2605731	248.462	ug/l	100
52) Toluene	8.78	92	843486	49.383	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	497166	49.453	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	548975	49.982	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	344036	49.983	ug/l	98
56) Ethyl methacrylate	9.17	69	555447	50.193	ug/l	100
57) 1,3-Dichloropropane	9.37	76	577251	48.655	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.48	63	972	0.224	ug/l	90
59) 2-Hexanone	9.49	43	1984620	242.636	ug/l	100
60) Dibromochloromethane	9.58	129	364552	51.035	ug/l	100
61) 1,2-Dibromoethane	9.67	107	361465	49.170	ug/l	98
64) Tetrachloroethene	9.33	164	393548	58.731	ug/l	99
65) Chlorobenzene	10.14	112	900719	48.281	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	337897	50.439	ug/l	99
67) Ethyl Benzene	10.24	91	1578399	49.236	ug/l	98
68) m/p-Xylenes	10.35	106	1204691	98.153	ug/l	100
69) o-Xylene	10.70	106	590588	49.337	ug/l	99
70) Styrene	10.71	104	1016986	50.505	ug/l	99
71) Bromoform	10.85	173	282362	50.940	ug/l	98
73) Isopropylbenzene	11.01	105	1560900	49.758	ug/l	100
74) N-amyl acetate	10.89	43	714861	49.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	549705	50.529	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	617050	61.346	ug/l	88
77) Bromobenzene	11.25	156	410169	48.399	ug/l	99
78) n-propylbenzene	11.35	91	1763649	50.363	ug/l	100
79) 2-Chlorotoluene	11.42	91	1038200	49.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1334413	51.902	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	177617	48.310	ug/l	99
82) 4-Chlorotoluene	11.51	91	1184808	48.697	ug/l	99
83) tert-Butylbenzene	11.77	119	1342959	51.397	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1405433	53.861	ug/l	100
85) sec-Butylbenzene	11.94	105	1541069	51.635	ug/l	99
86) p-Isopropyltoluene	12.06	119	1398766	50.379	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	714869	48.391	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	709104	47.126	ug/l	100
89) n-Butylbenzene	12.38	91	1190939	50.291	ug/l	99
90) Hexachloroethane	12.59	117	258049	51.418	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	715355	49.010	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	118958	50.213	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

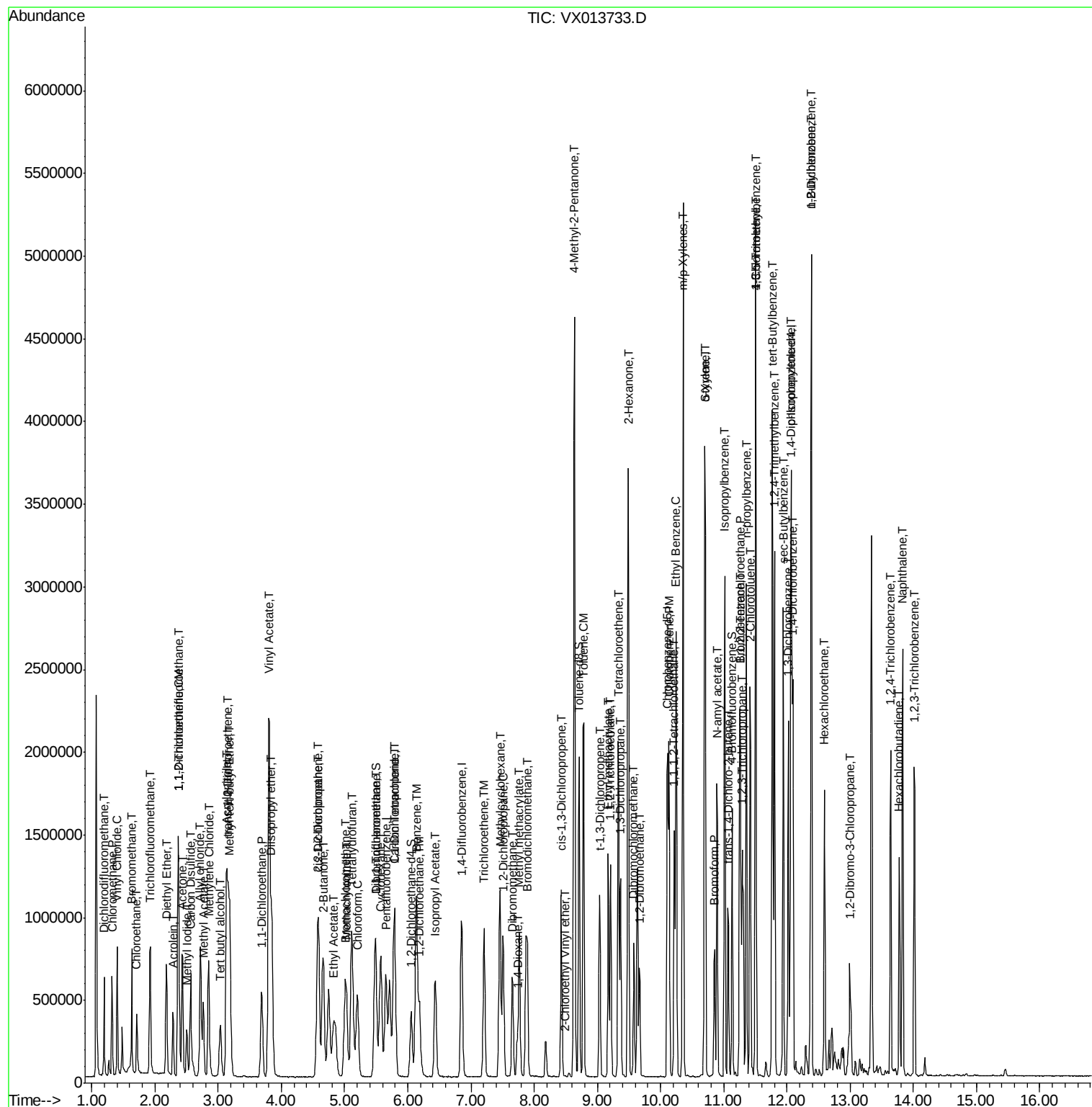
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	484650	47.644	ug/l	98
94) Hexachlorobutadiene	13.78	225	220021	45.025	ug/l	100
95) Naphthalene	13.83	128	1580650	52.177	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	487800	48.432	ug/l	99

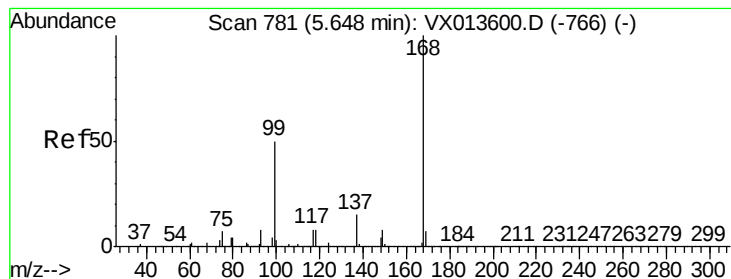
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120319\
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ClientSampled :

Quant Time: Dec 04 00:39:07 2019
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

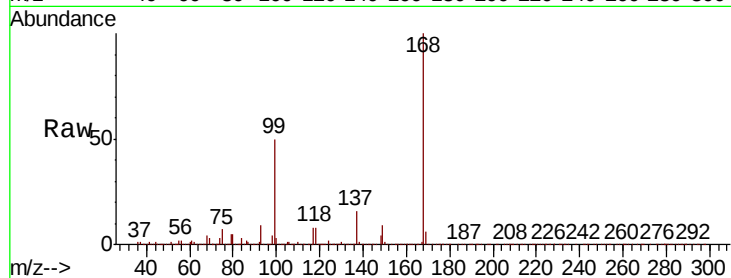
ClientSampled :

Tot Ion:168 Resp: 639292

Ion Ratio Lower Upper

168 100

99 49.4 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

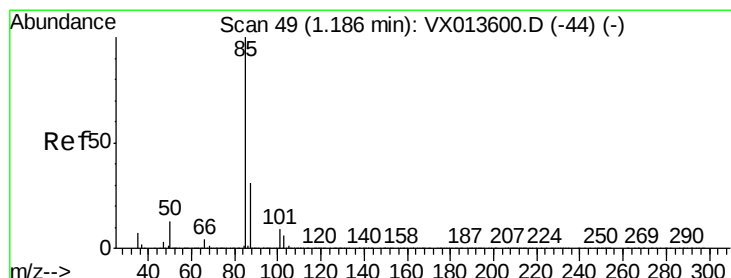
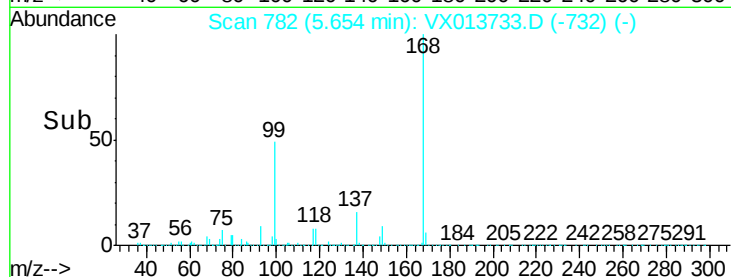
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.741 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013733.D

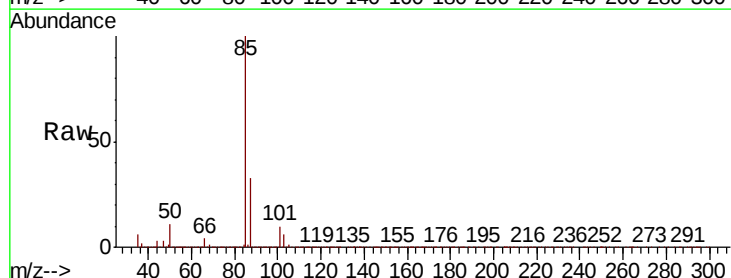
Acq: 03 Dec 2019 18:31

Tgt Ion: 85 Resp: 346829

Ion Ratio Lower Upper

85 100

87 32.9 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

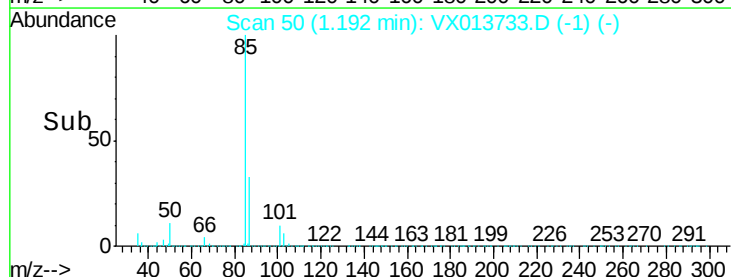
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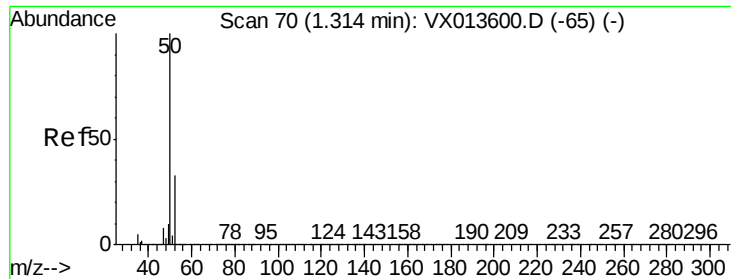
200000

100000

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Time-->

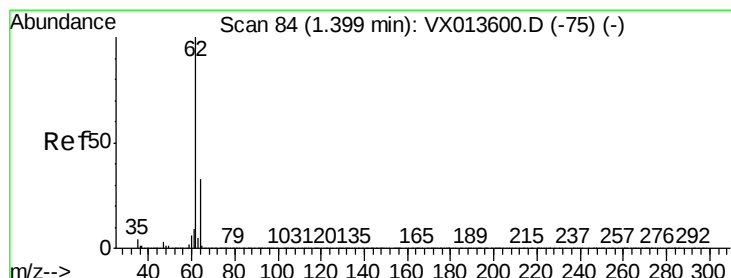
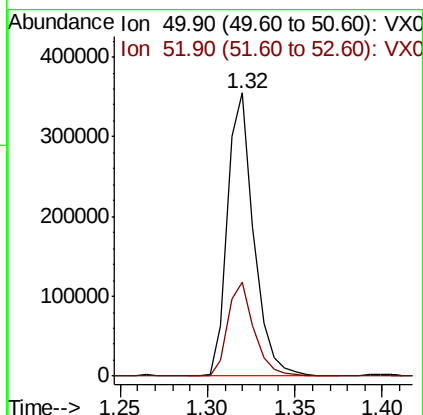
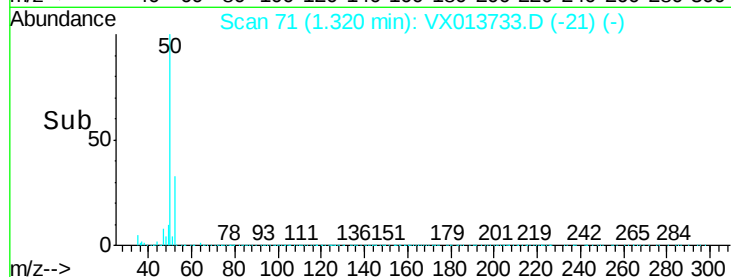
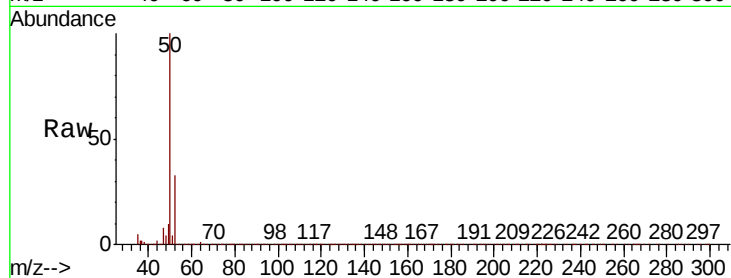




#3
Chloromethane
Concen: 46.417 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

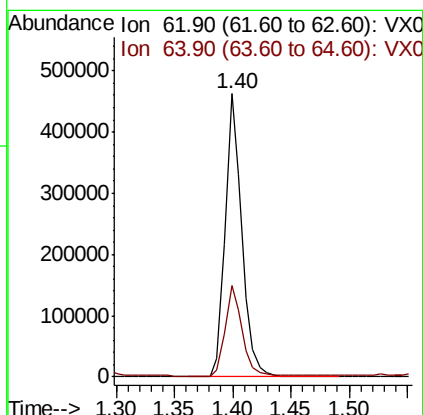
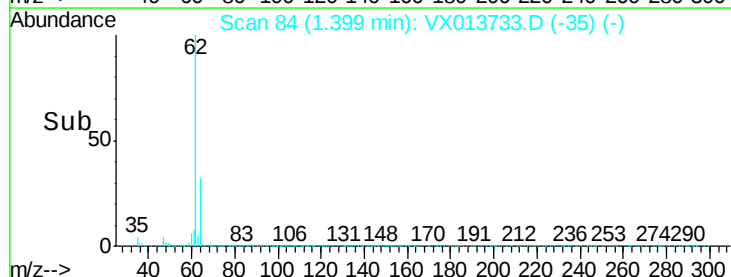
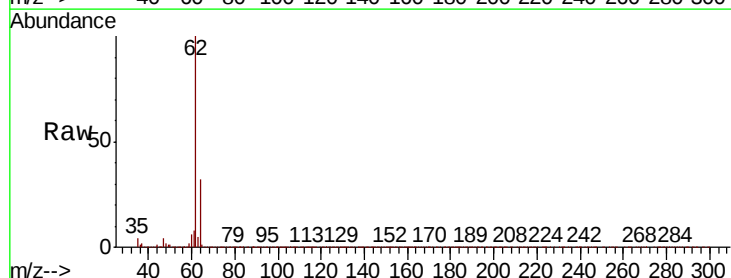
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 370606
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0



#4
Vinyl Chloride
Concen: 50.865 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 62 Resp: 457101
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5

Bromomethane

Concen: 39.127 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

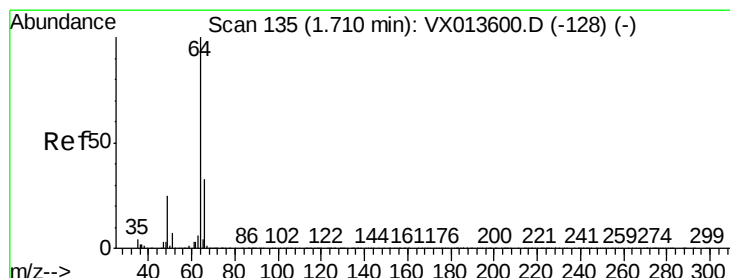
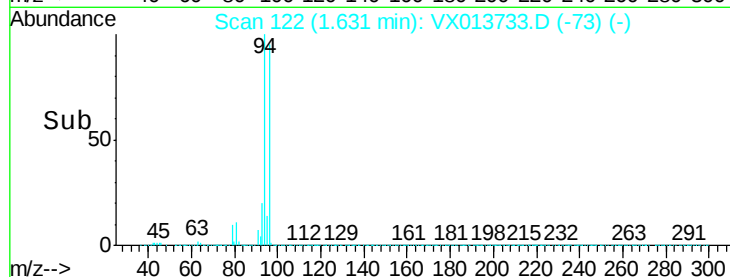
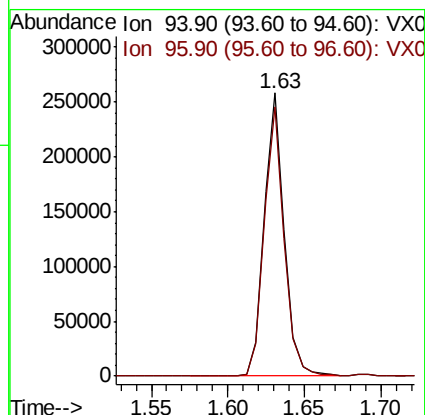
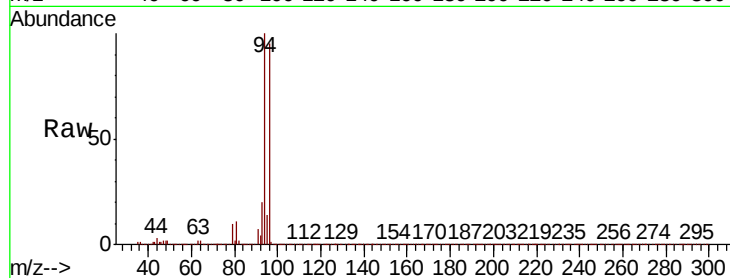
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 236137

Ion Ratio Lower Upper

94 100

96 95.3 77.0 115.4



#6

Chloroethane

Concen: 47.695 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013733.D

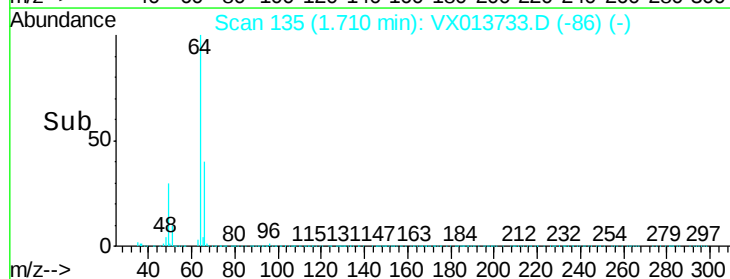
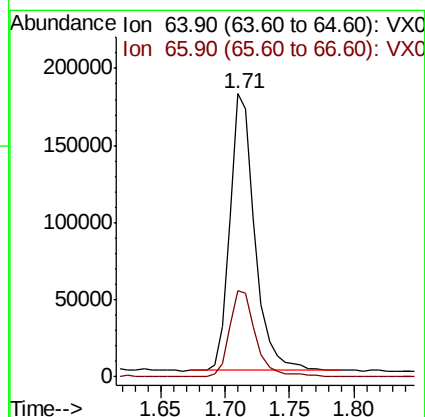
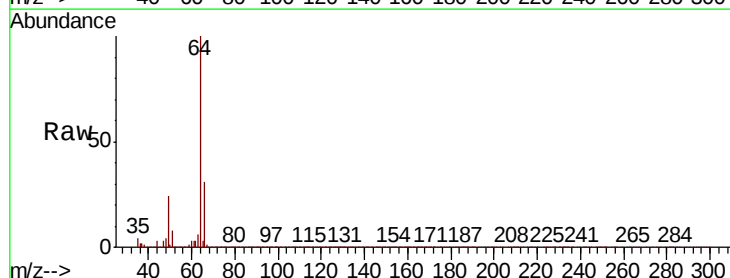
Acq: 03 Dec 2019 18:31

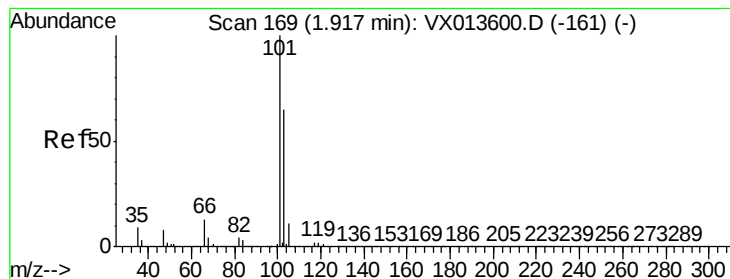
Tgt Ion: 64 Resp: 243900

Ion Ratio Lower Upper

64 100

66 31.0 26.7 40.1



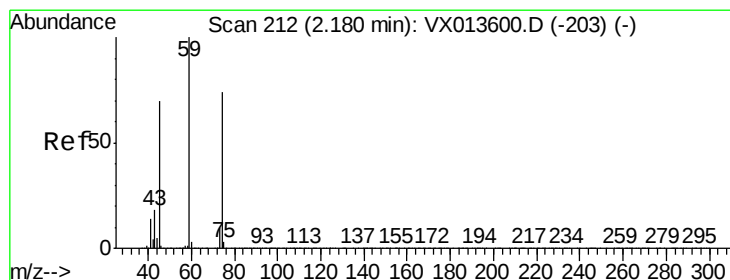
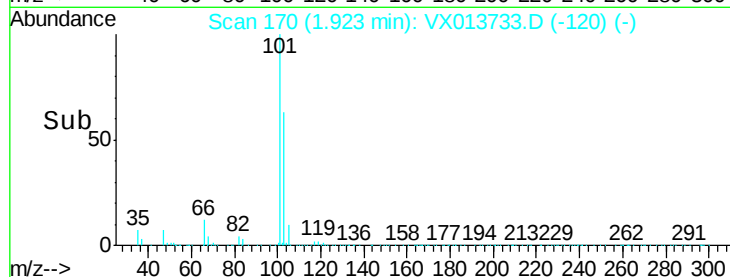
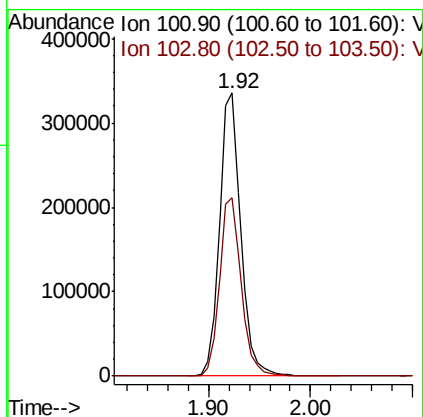
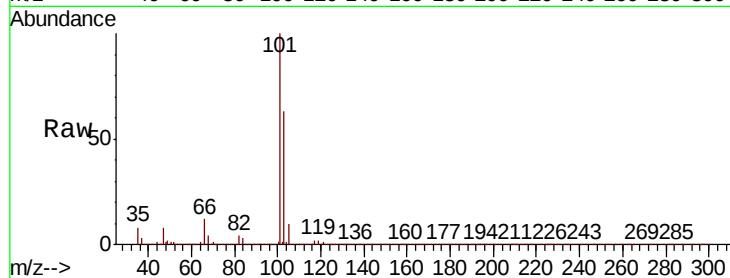


#7

Trichlorofluoromethane
Concen: 48.951 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :

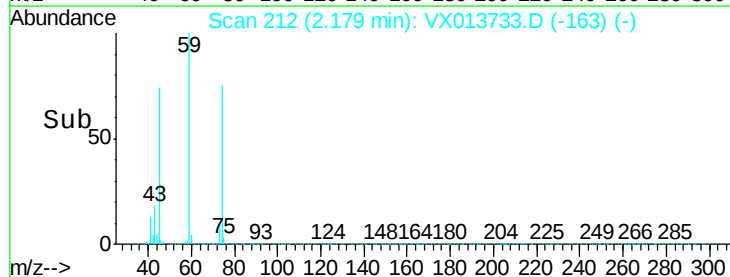
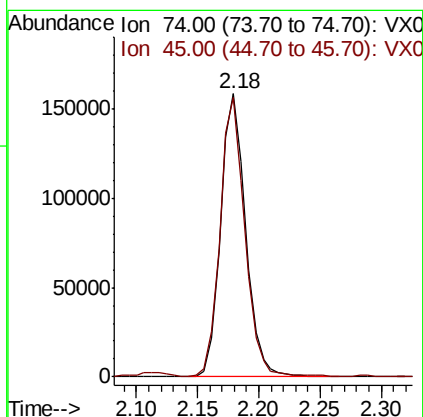
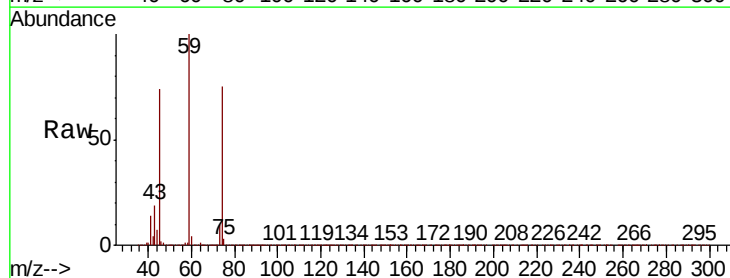
Tot Ion:101 Resp: 488468
Ion Ratio Lower Upper
101 100
103 63.1 51.8 77.6

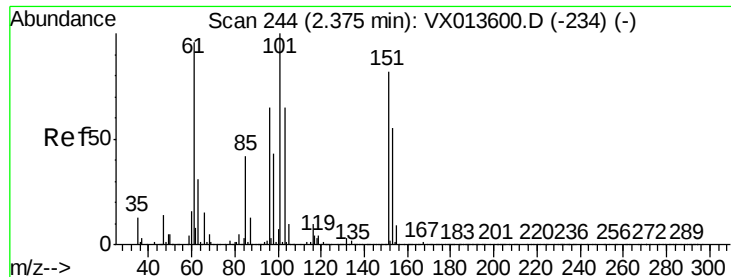


#8

Diethyl Ether
Concen: 49.583 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 74 Resp: 223840
Ion Ratio Lower Upper
74 100
45 97.6 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.583 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

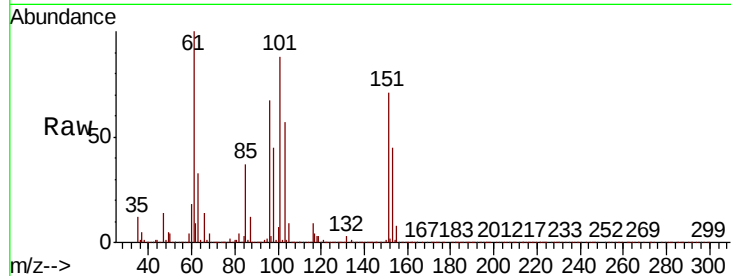
Tot Ion:101 Resp: 290026

Ion Ratio Lower Upper

101 100

85 41.9 33.9 50.9

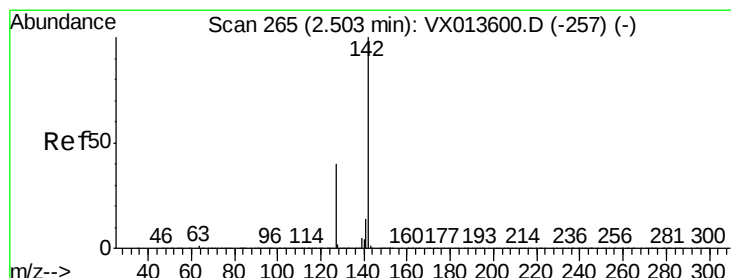
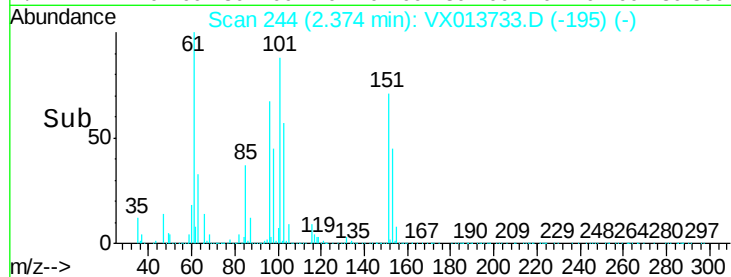
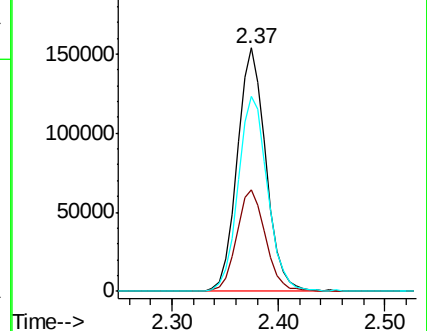
151 82.5 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.470 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

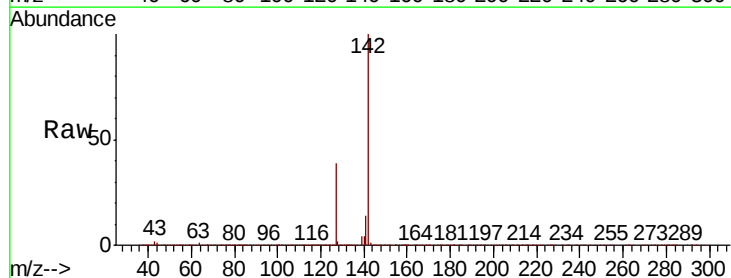
Tgt Ion:142 Resp: 313129

Ion Ratio Lower Upper

142 100

127 39.3 31.0 46.4

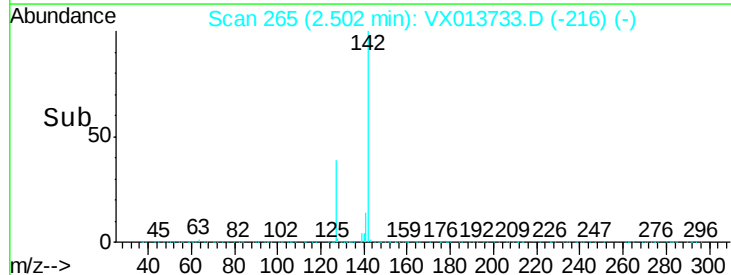
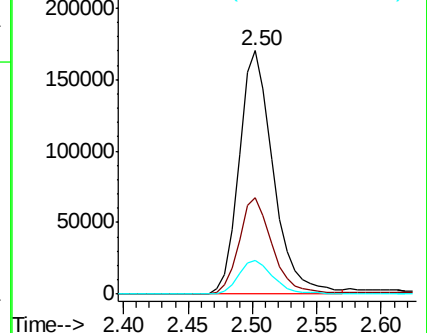
141 14.0 11.6 17.4

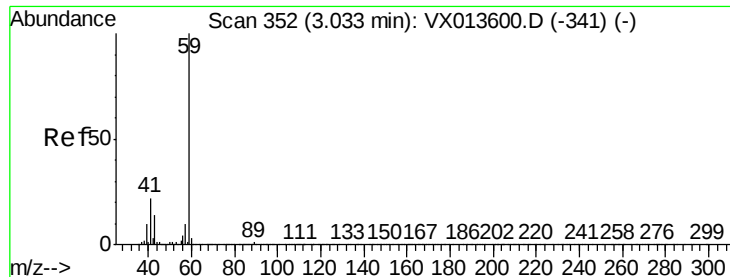


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



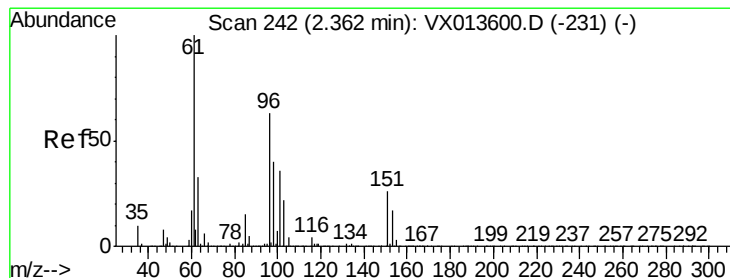
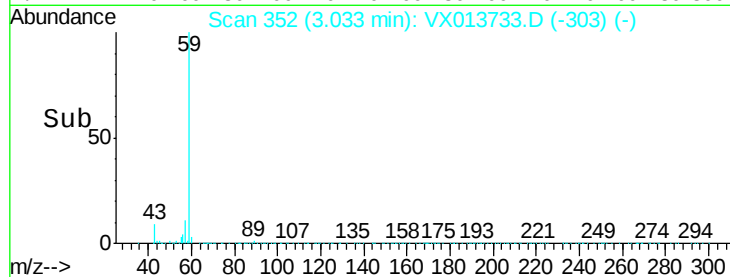
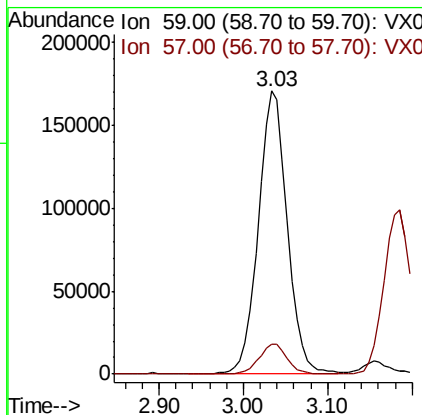
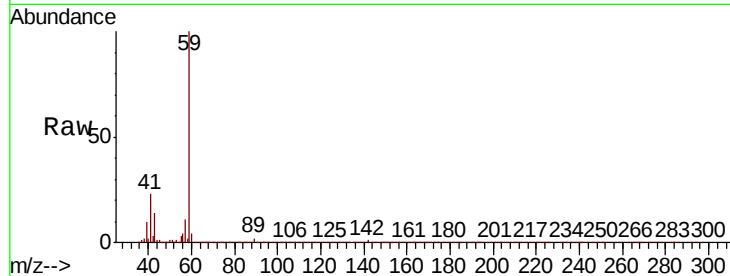


#11

Tert butyl alcohol
 Concen: 219.325 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :

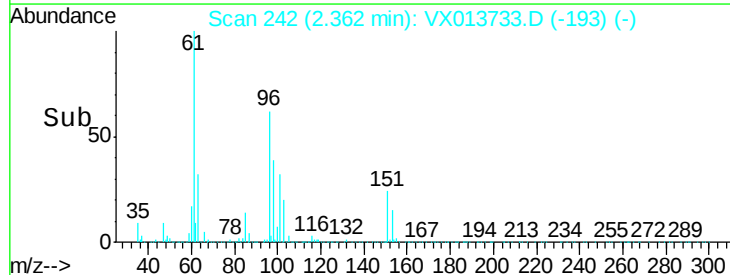
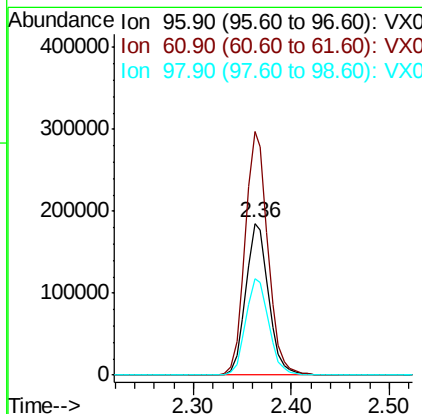
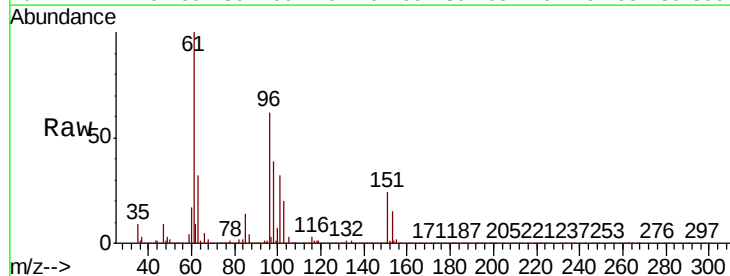
Tot Ion: 59 Resp: 401732
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

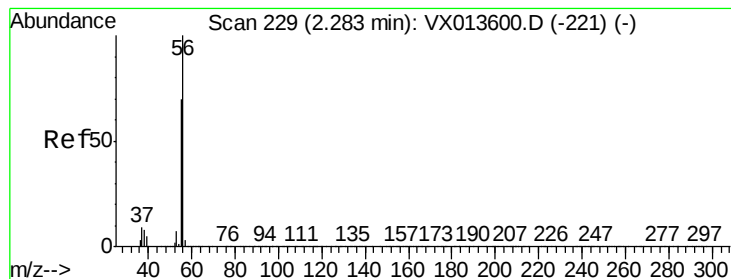


#12

1,1-Dichloroethene
 Concen: 49.235 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion: 96 Resp: 299543
 Ion Ratio Lower Upper
 96 100
 61 160.6 126.6 190.0
 98 63.4 50.6 76.0





#13

Acrolein

Concen: 223.075 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

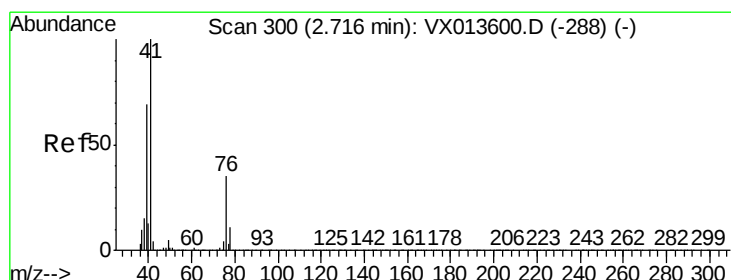
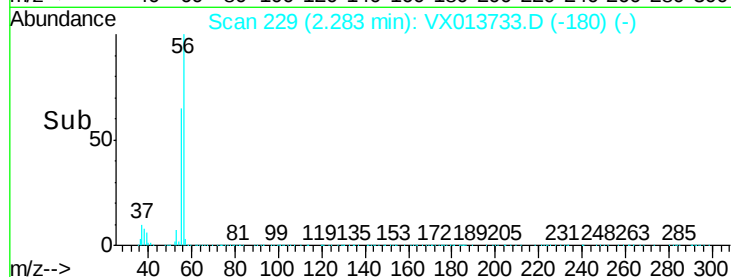
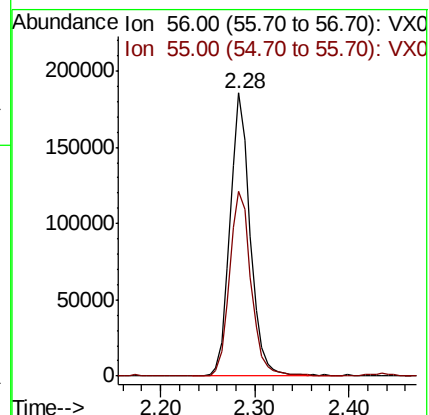
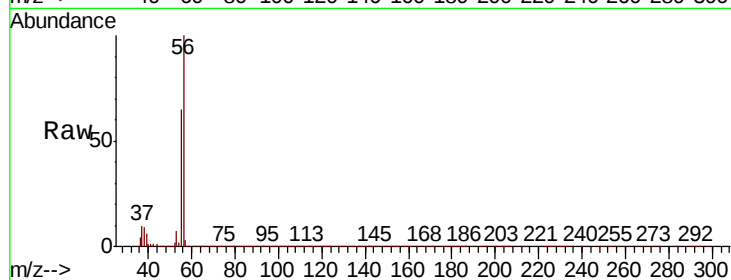
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 272450

Ion Ratio Lower Upper

56 100

55 69.9 56.2 84.4



#14

Allyl chloride

Concen: 48.972 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

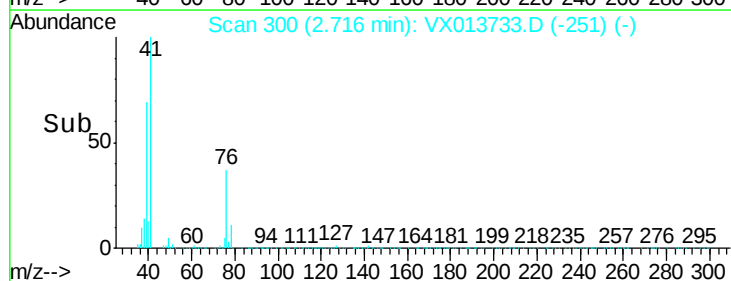
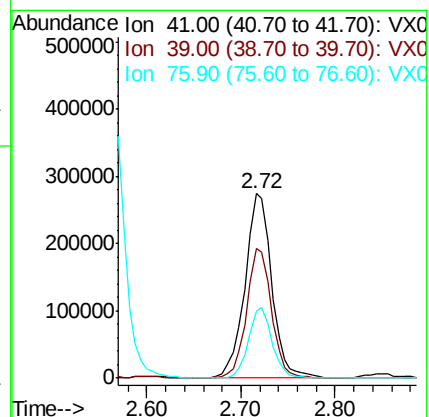
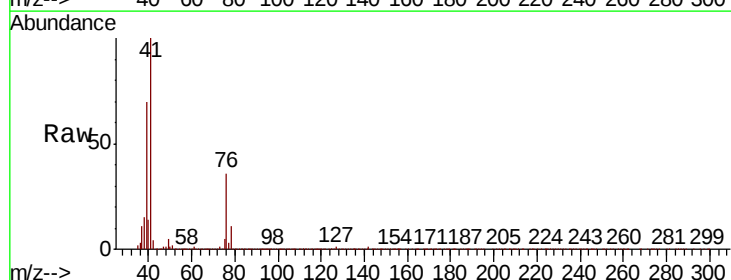
Tgt Ion: 41 Resp: 540688

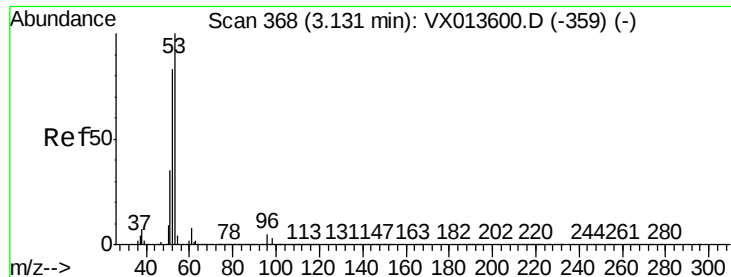
Ion Ratio Lower Upper

41 100

39 65.3 51.7 77.5

76 33.8 25.9 38.9





#15

Acrylonitrile

Concen: 247.896 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

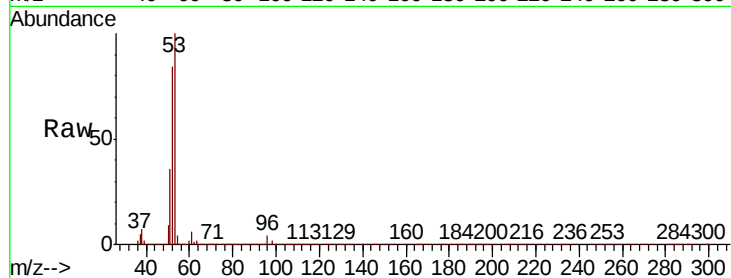
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 937273

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.2
51	35.6	29.0	43.6

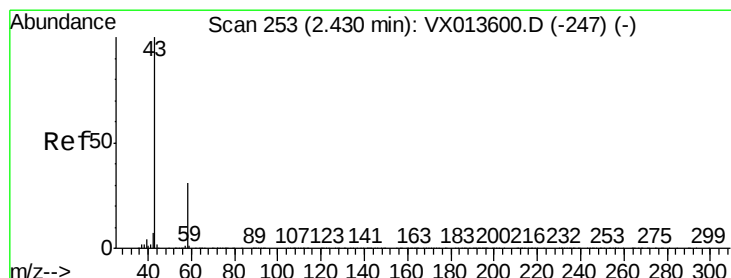
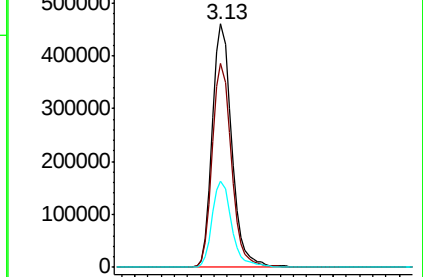
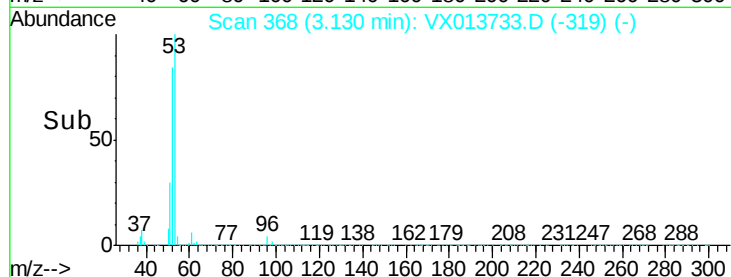


Abundance

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



#16

Acetone

Concen: 214.178 ug/l

RT: 2.43 min Scan# 253

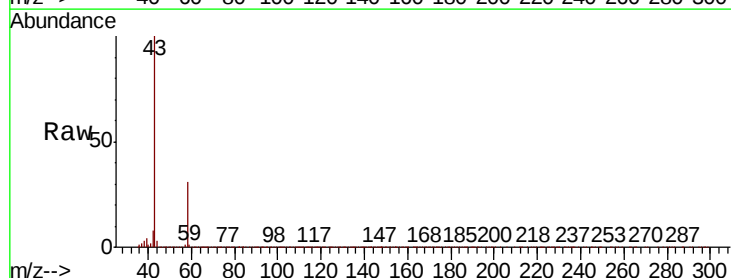
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion: 43 Resp: 784688

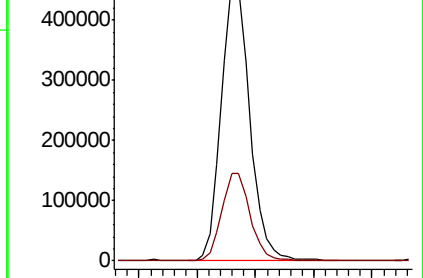
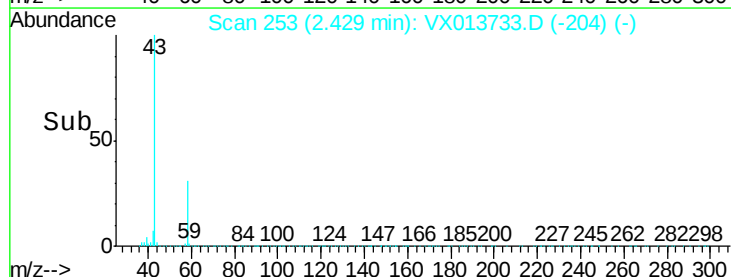
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	36.8

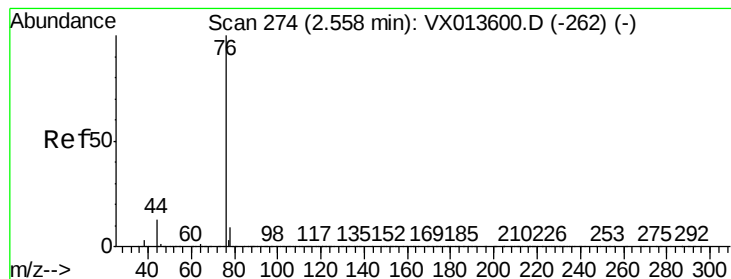


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.472 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

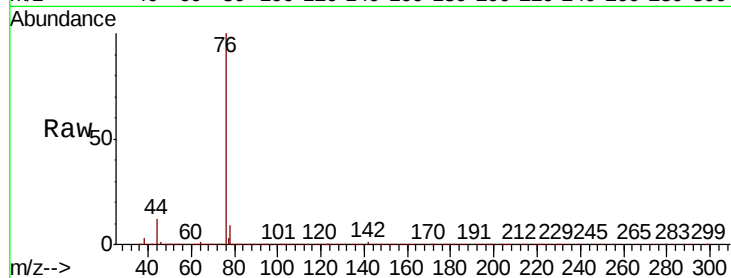
ClientSampleId :

Tot Ion: 76 Resp: 805989

Ion Ratio Lower Upper

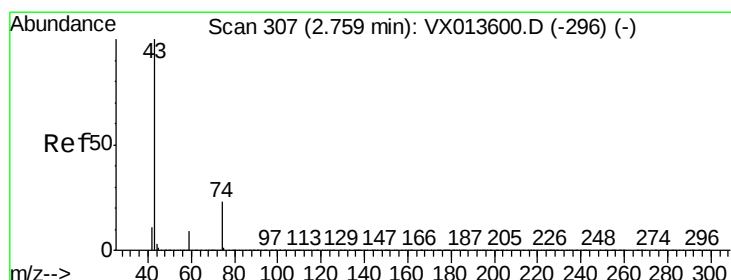
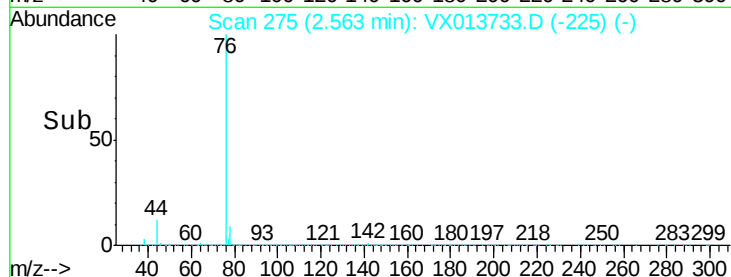
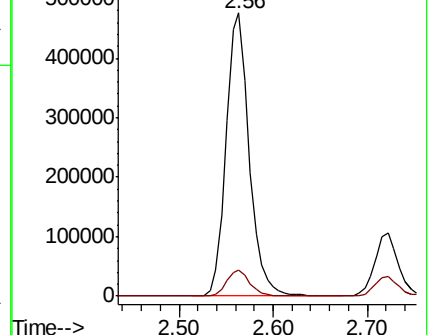
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.666 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013733.D

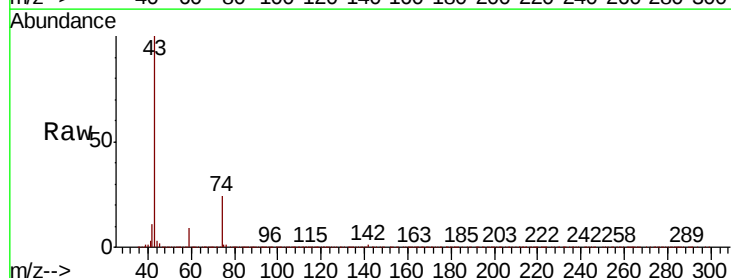
Acq: 03 Dec 2019 18:31

Tgt Ion: 43 Resp: 516898

Ion Ratio Lower Upper

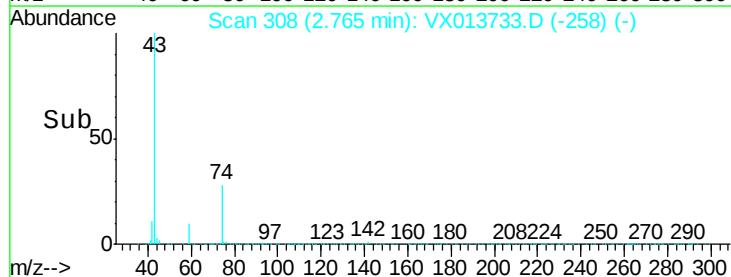
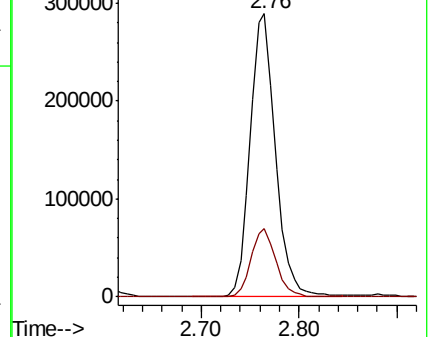
43 100

74 24.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

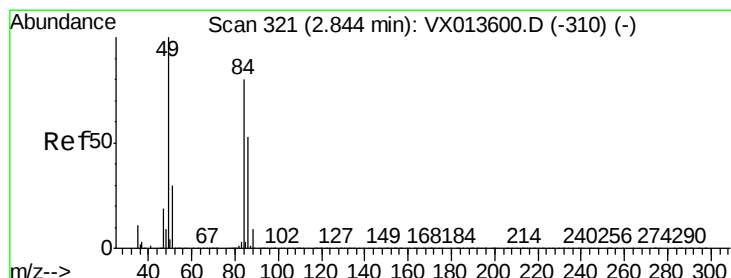
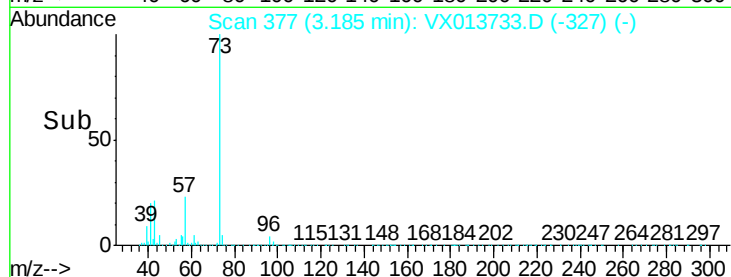
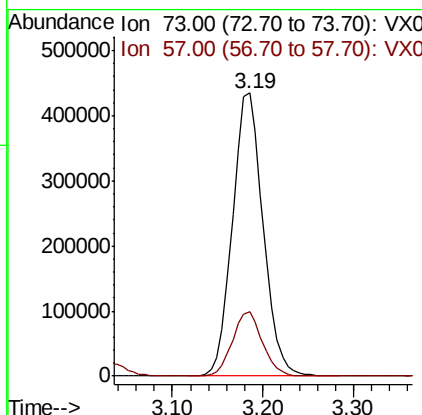
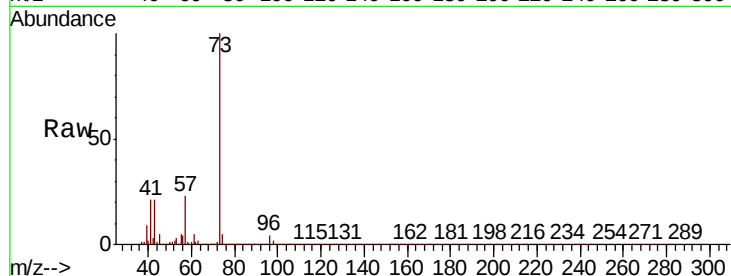




#19
Methvl tert-butvl Ether
Concen: 50.411 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

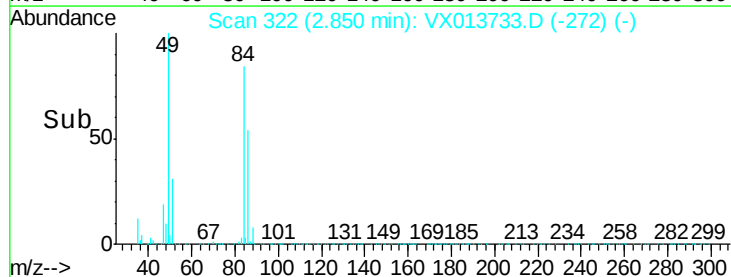
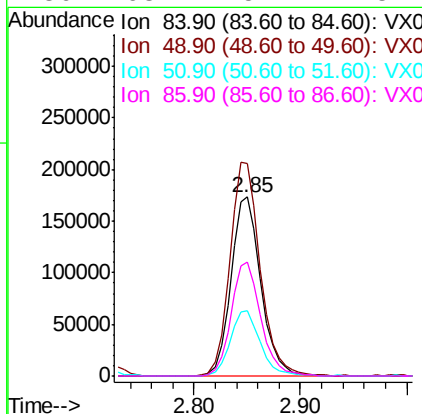
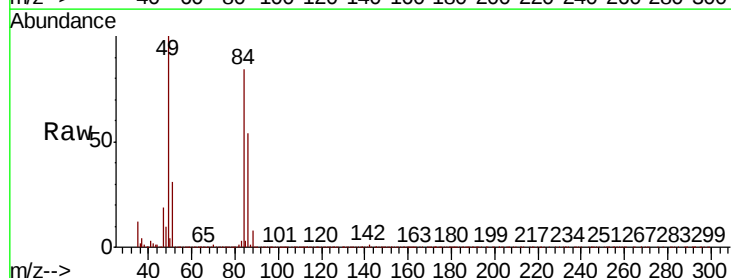
Instrument :
MSVOA_X
ClientSampleId :

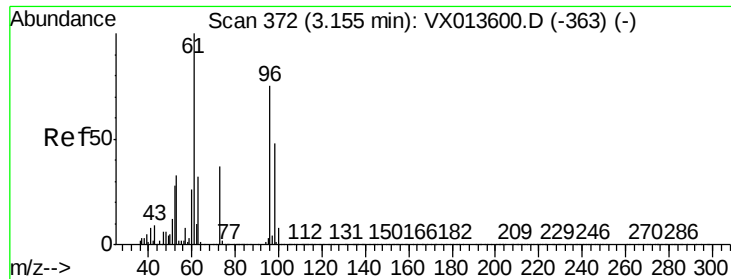
Tot Ion: 73 Resp: 1016012
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 48.233 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 84 Resp: 339491
Ion Ratio Lower Upper
84 100
49 118.5 99.7 149.5
51 36.5 29.9 44.9
86 63.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.508 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :

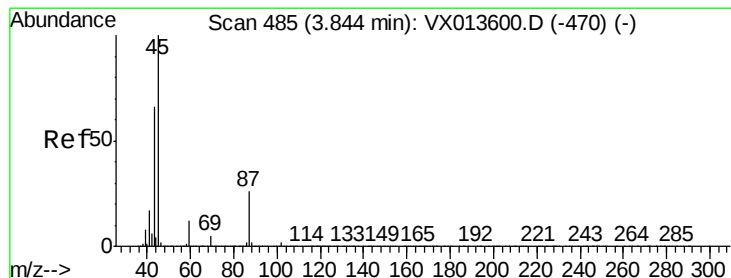
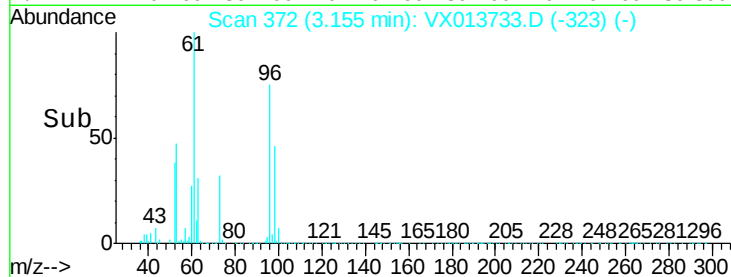
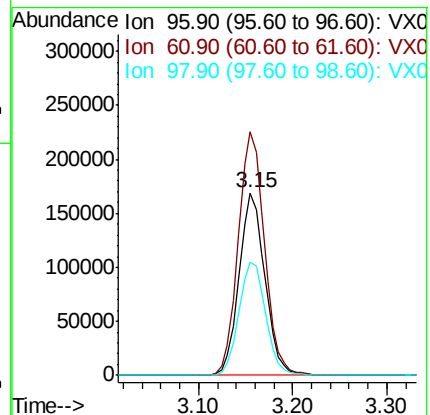
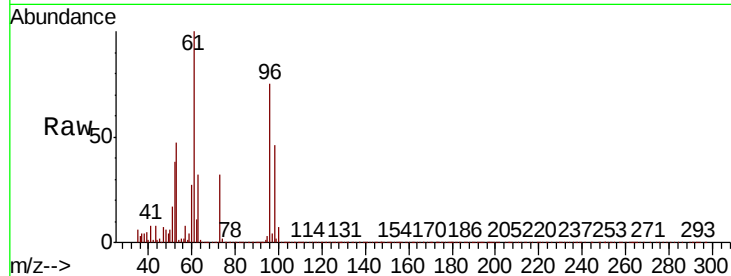
Tot Ion: 96 Resp: 321503

Ion Ratio Lower Upper

96 100

61 133.6 107.2 160.8

98 61.8 51.4 77.0



#22

Diisopropyl ether

Concen: 50.893 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion: 45 Resp: 1081967

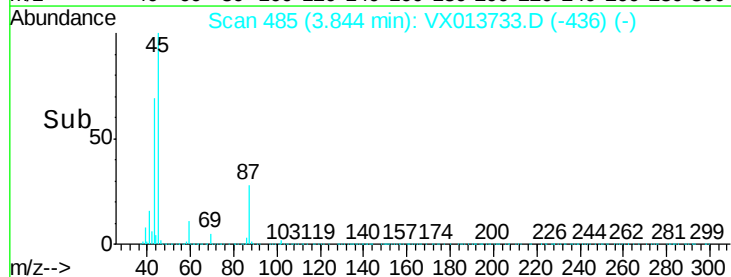
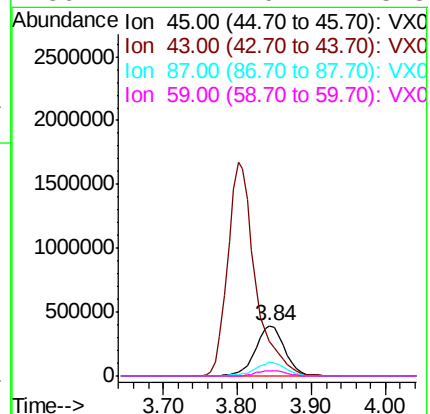
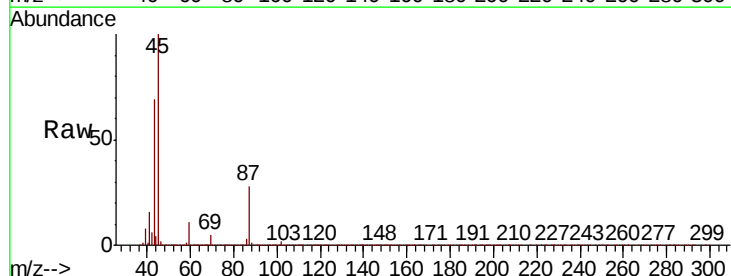
Ion Ratio Lower Upper

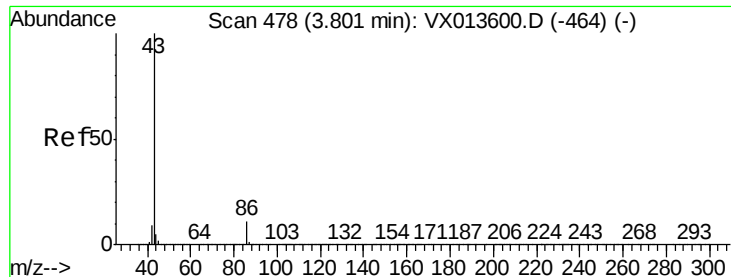
45 100

43 68.8 52.6 79.0

87 27.6 21.1 31.7

59 11.2 9.2 13.8





#23

Vinyl Acetate

Concen: 245.061 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

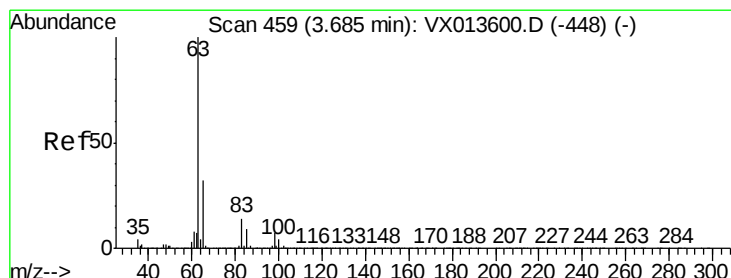
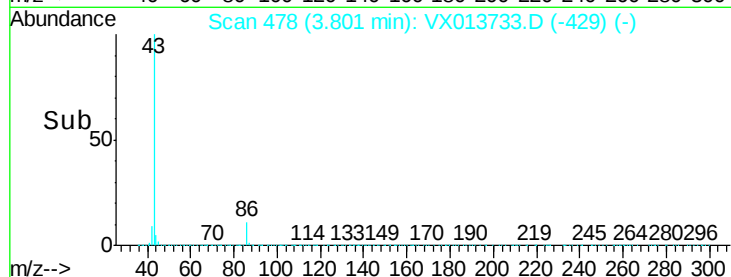
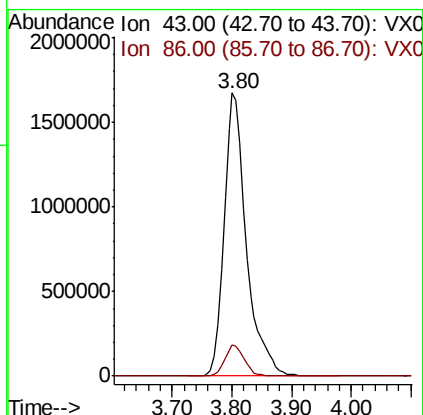
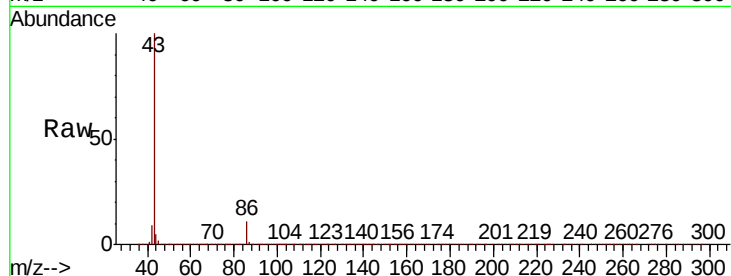
ClientSampleId :

Tot Ion: 43 Resp: 4334078

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 50.357 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

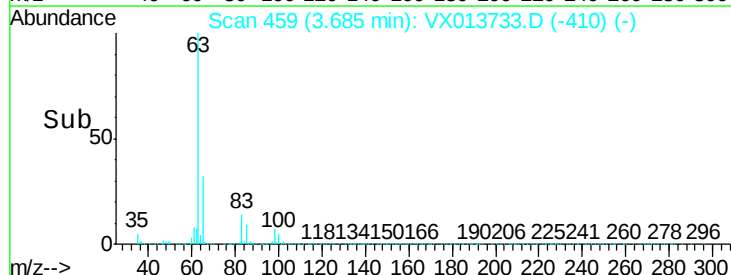
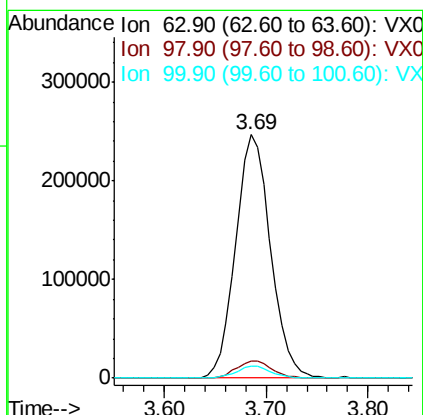
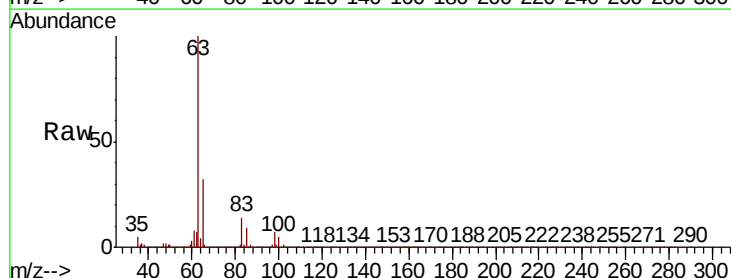
Tgt Ion: 63 Resp: 585239

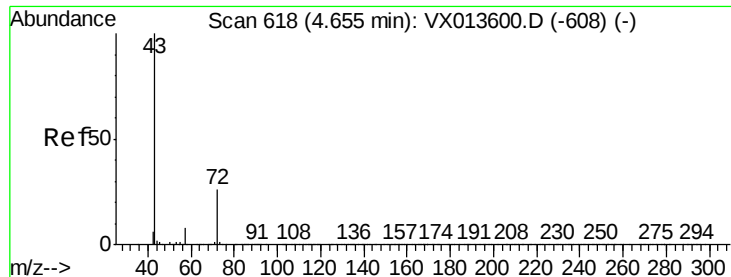
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 240.906 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

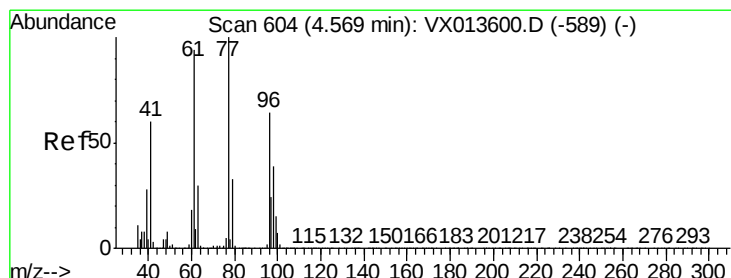
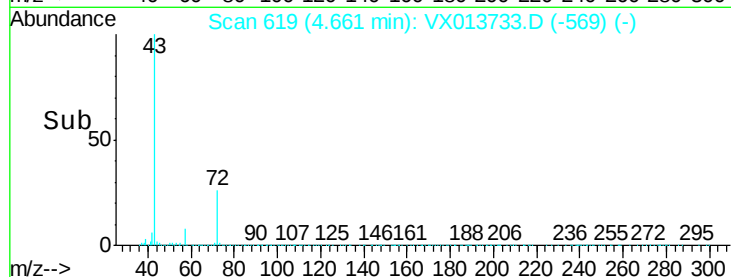
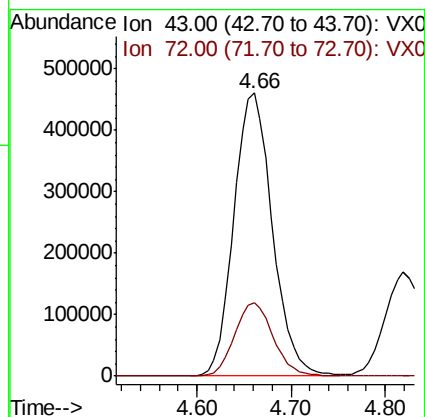
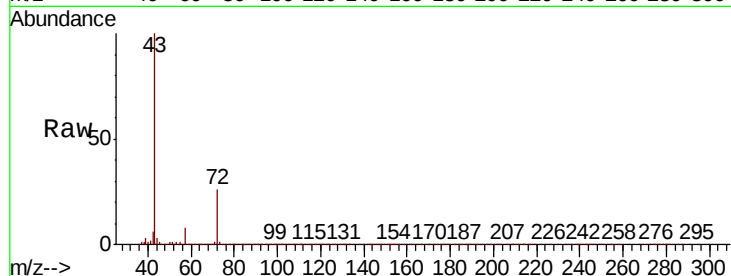
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1311725

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 44.466 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013733.D

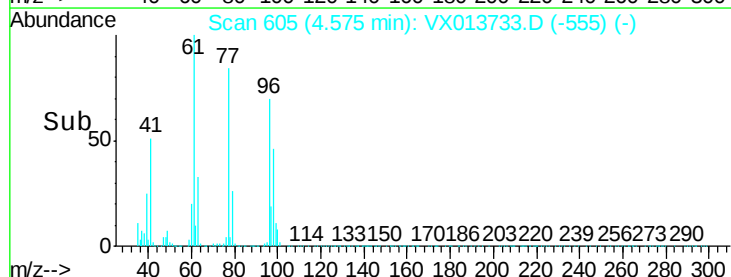
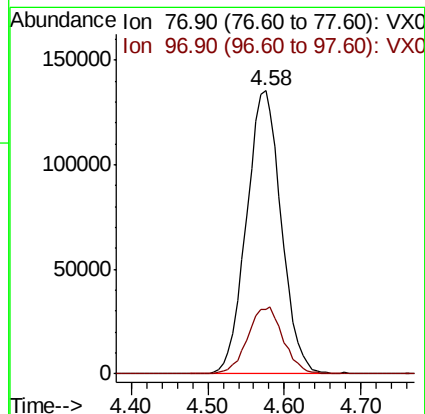
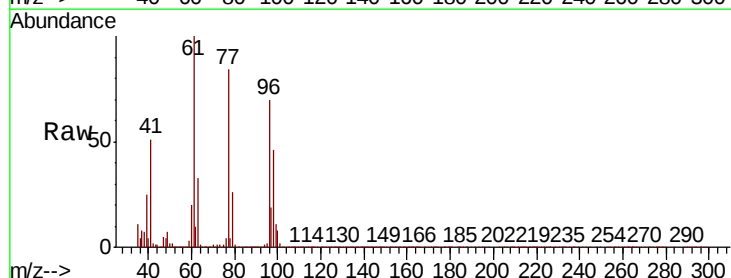
Acq: 03 Dec 2019 18:31

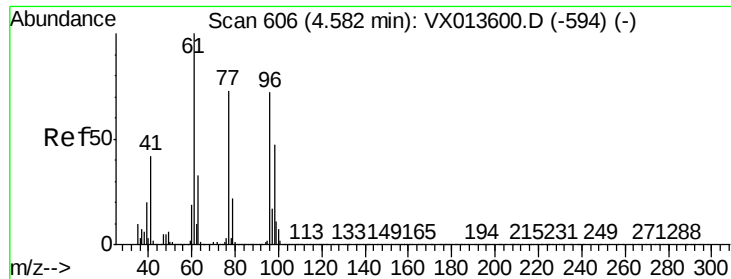
Tgt Ion: 77 Resp: 427566

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1



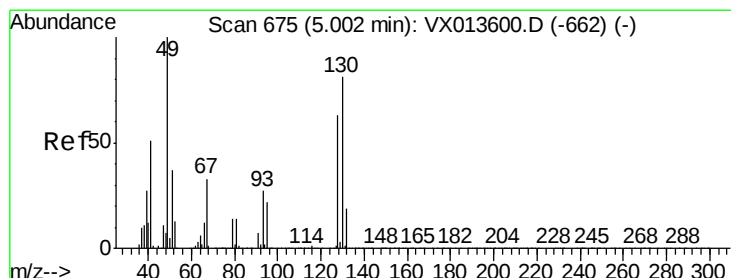
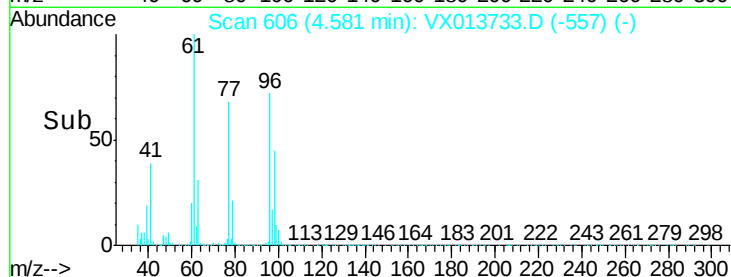
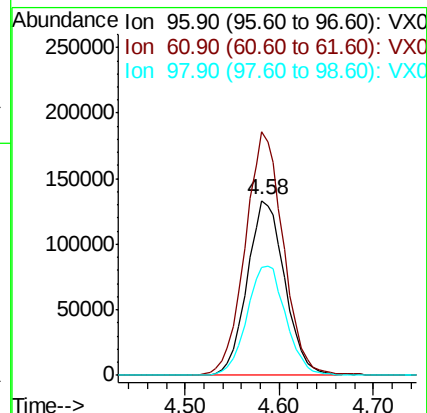
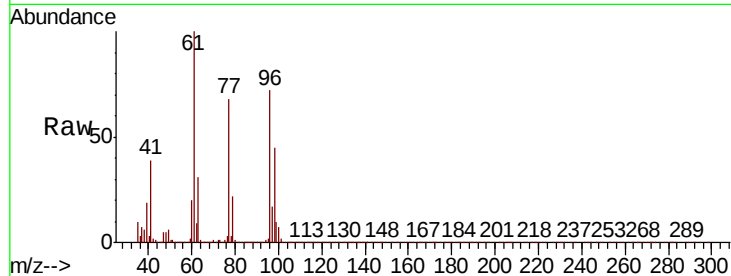


#27

cis-1,2-Dichloroethene
 Concen: 48.755 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :

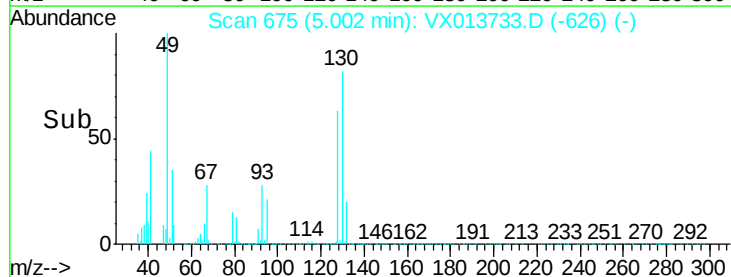
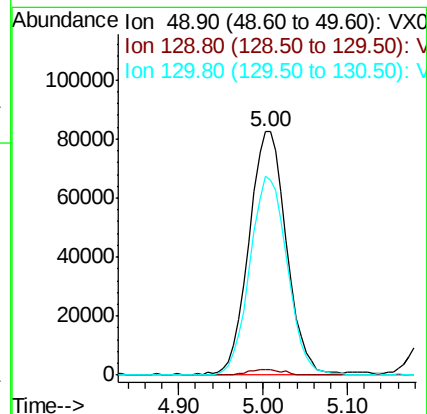
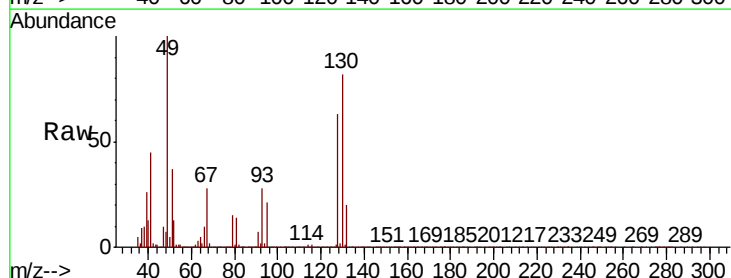
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	286.4
98	64.5	0.0	127.4

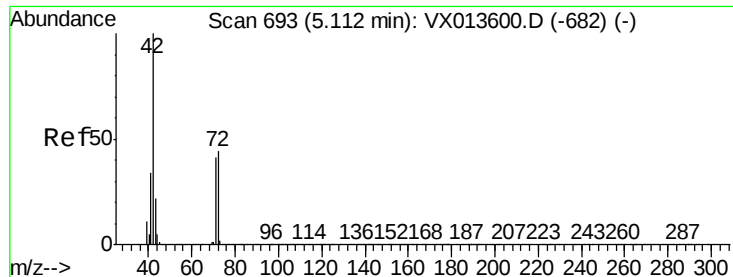


#28

Bromochloromethane
 Concen: 53.980 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	81.4	65.4	98.0

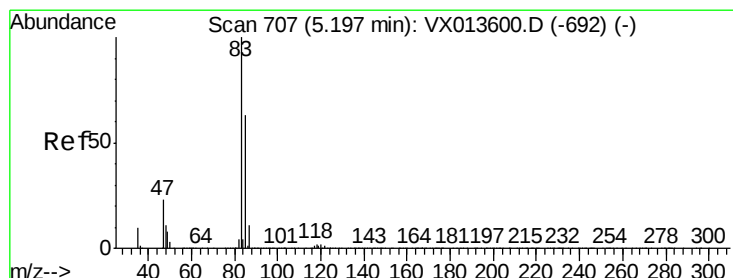
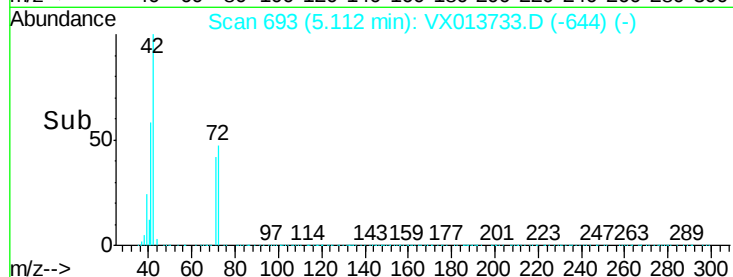
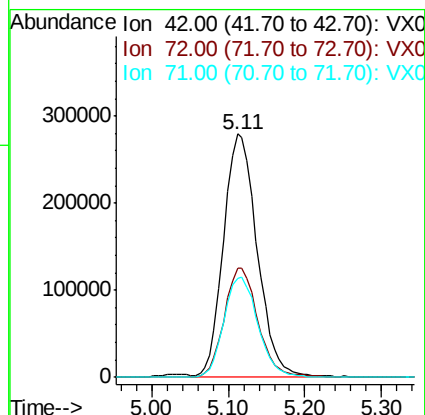
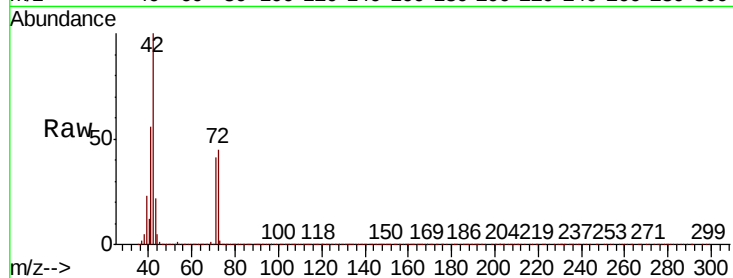




#29
Tetrahydrofuran
Concen: 251.275 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

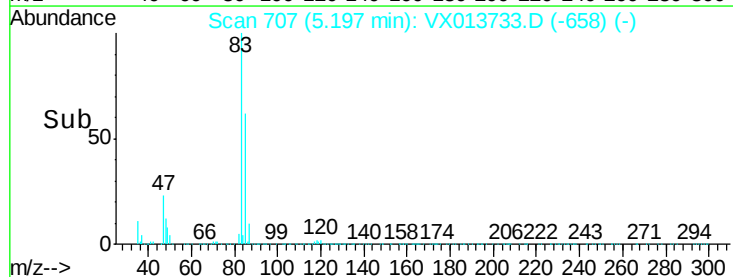
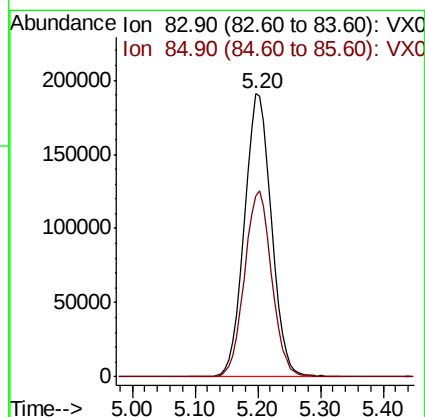
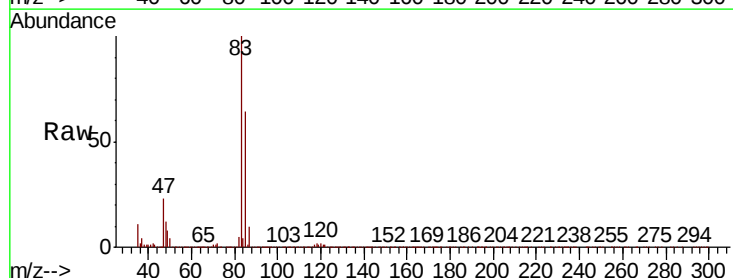
Instrument :
MSVOA_X
ClientSampleId :

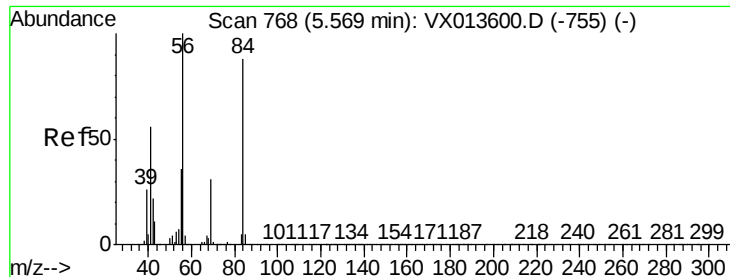
Tot Ion: 42 Resp: 843442
Ion Ratio Lower Upper
42 100
72 45.4 36.3 54.5
71 42.0 33.2 49.8



#30
Chloroform
Concen: 48.286 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 83 Resp: 569120
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4

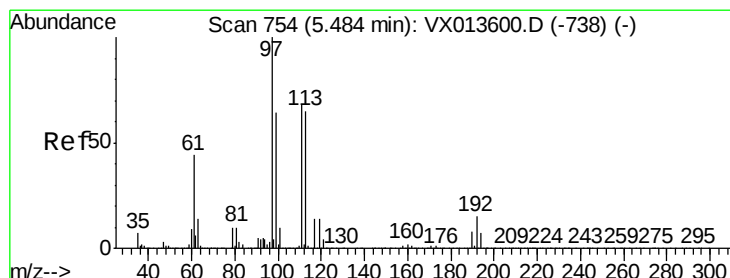
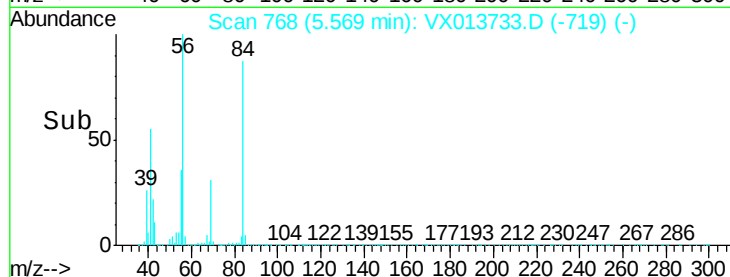
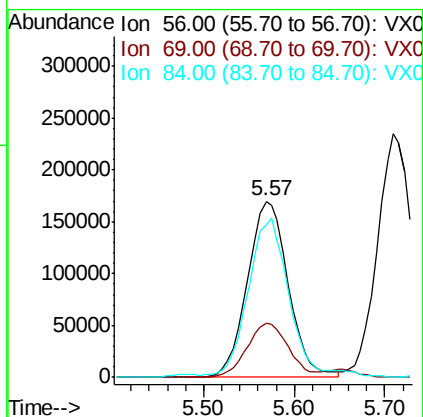
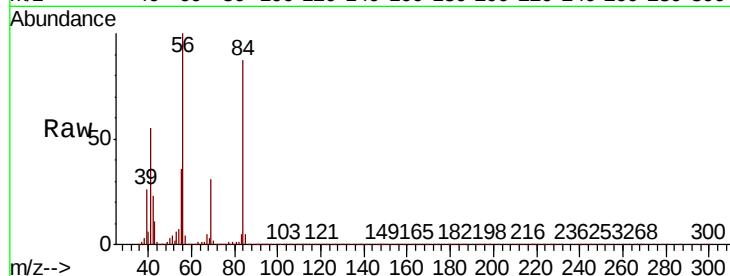




#31
Cyclohexane
Concen: 48.047 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

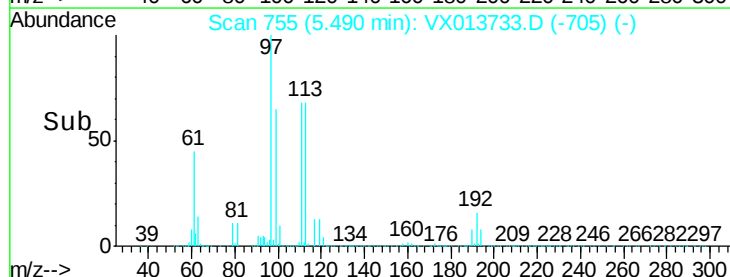
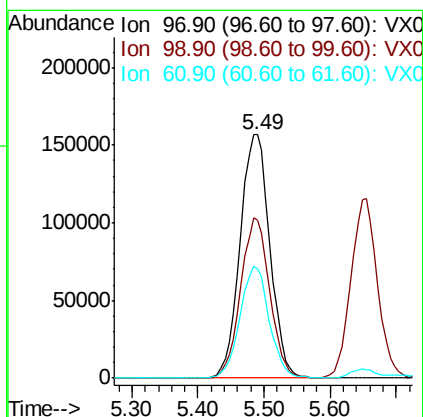
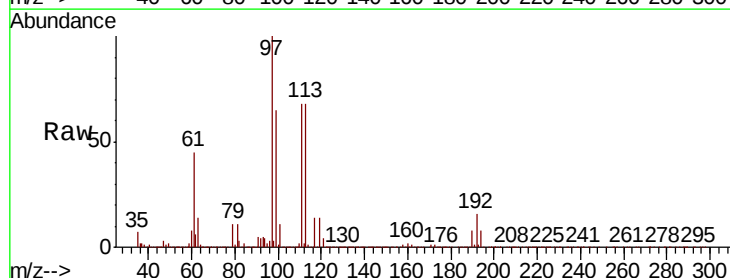
Instrument :
MSVOA_X
ClientSampleId :

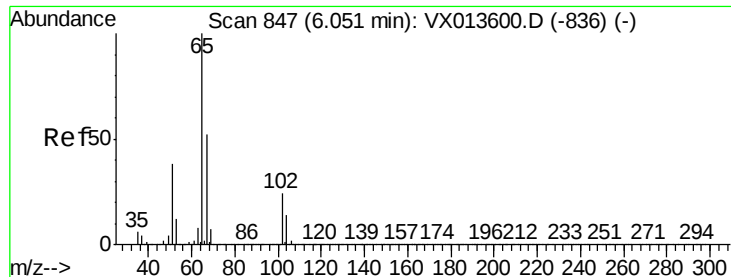
Tot Ion: 56 Resp: 526675
Ion Ratio Lower Upper
56 100
69 31.1 24.6 36.8
84 85.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.792 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 97 Resp: 490422
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 44.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 48.541 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

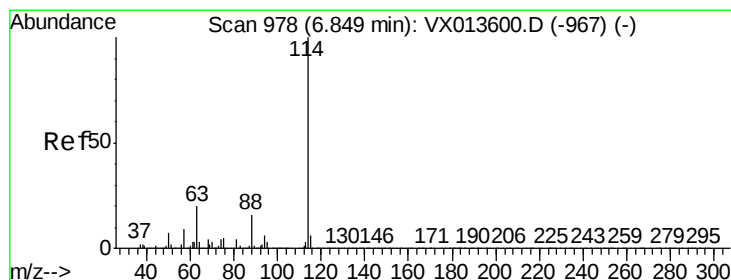
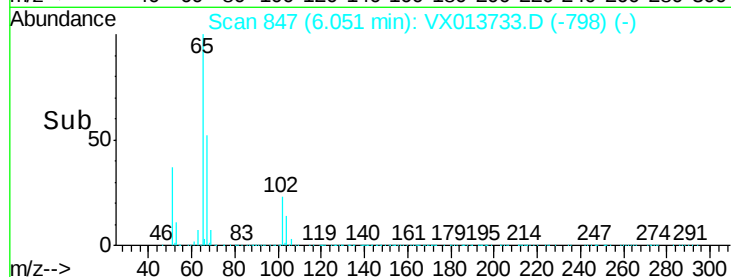
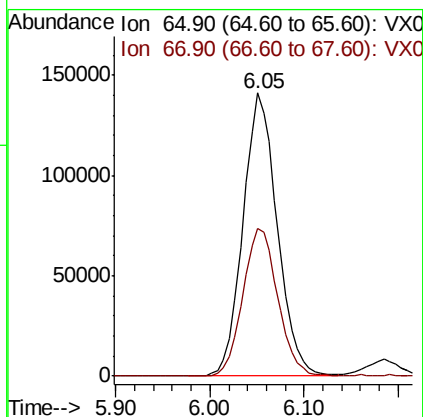
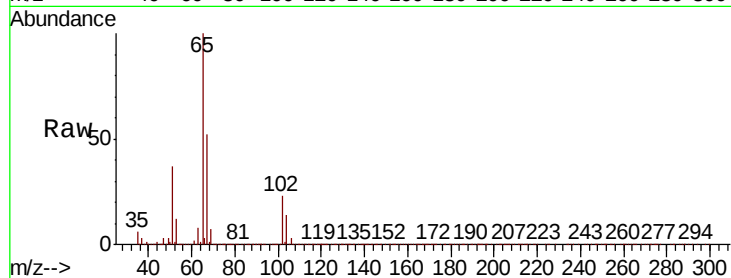
ClientSampleId :

Tot Ion: 65 Resp: 360213

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

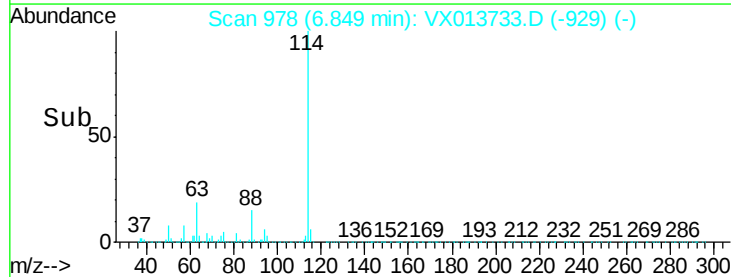
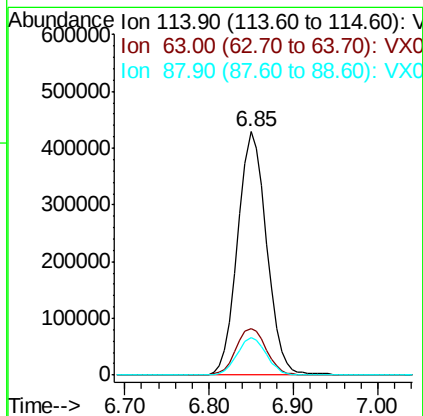
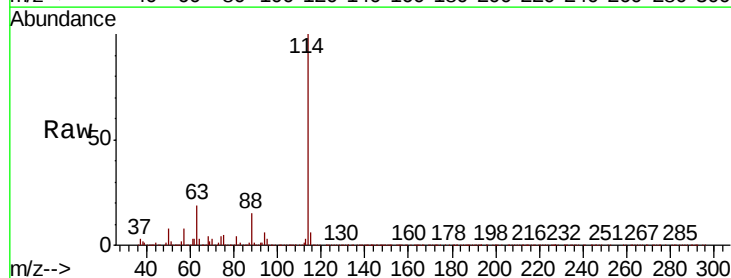
Tgt Ion: 114 Resp: 994465

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.031 ug/l

RT: 5.49 min Scan# 755

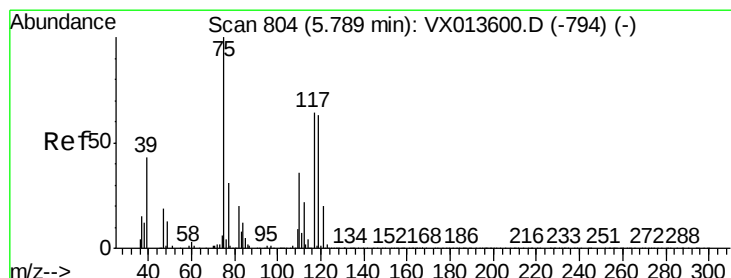
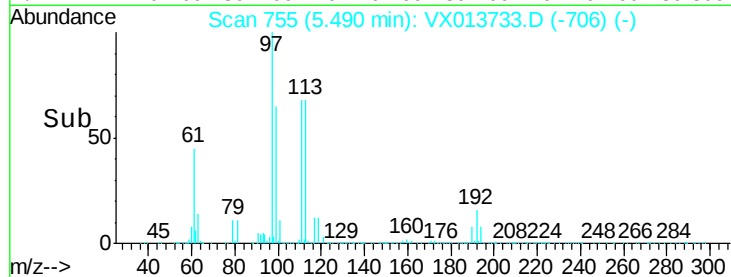
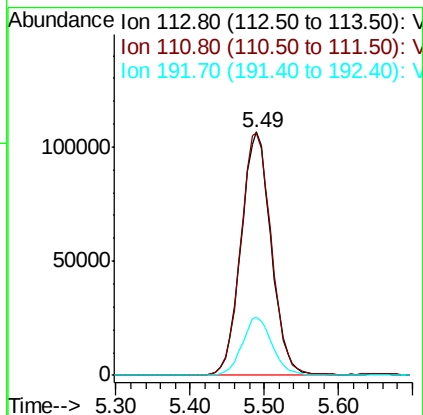
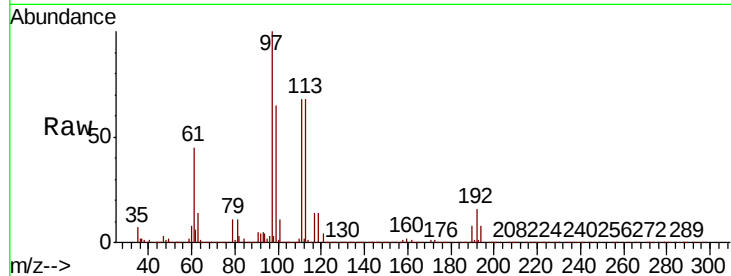
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	113	Resp:	301437
Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.6	125.4
192	23.8	19.2	28.8



#36

1,1-Dichloropropene

Concen: 47.745 ug/l

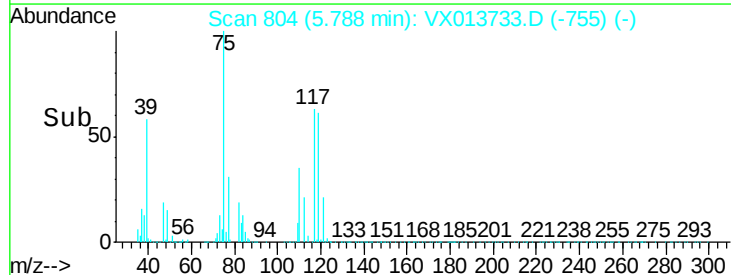
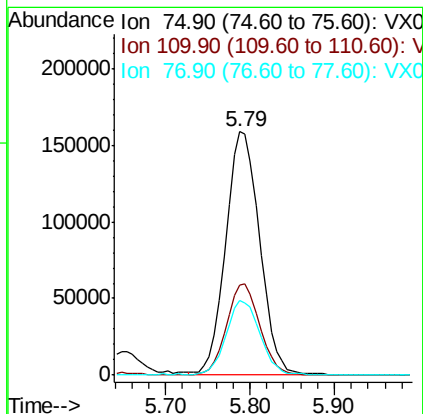
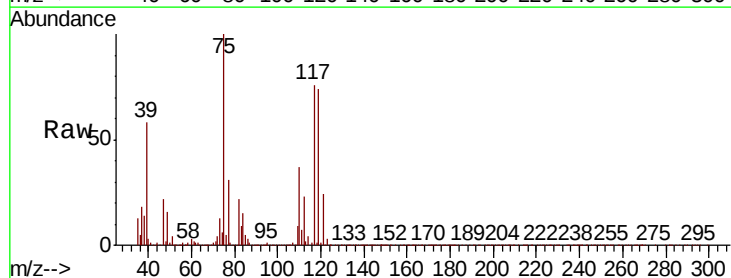
RT: 5.79 min Scan# 804

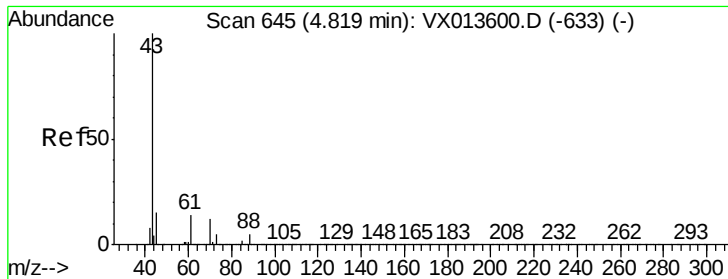
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion:	75	Resp:	431006
Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	30.3	24.5	36.7

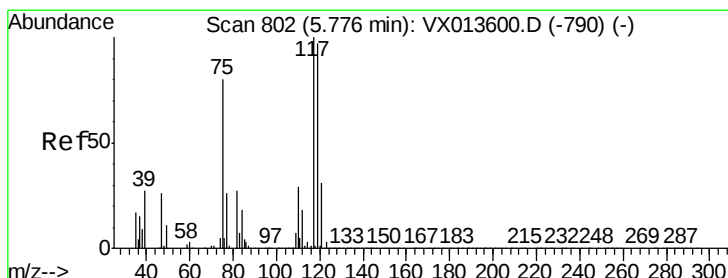
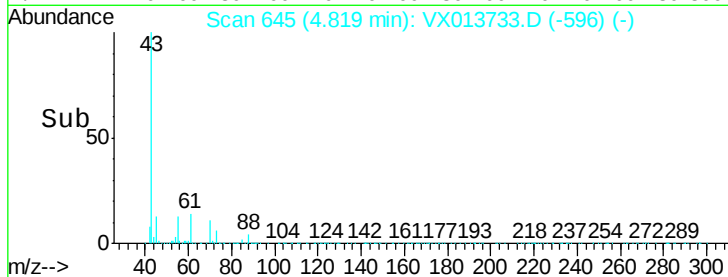
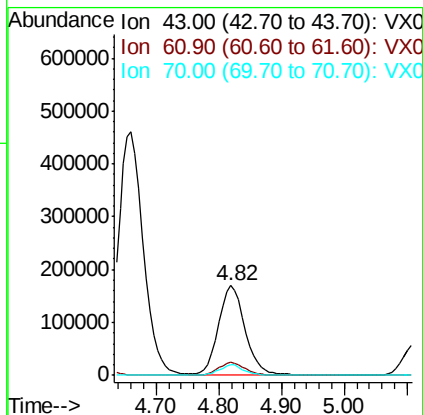
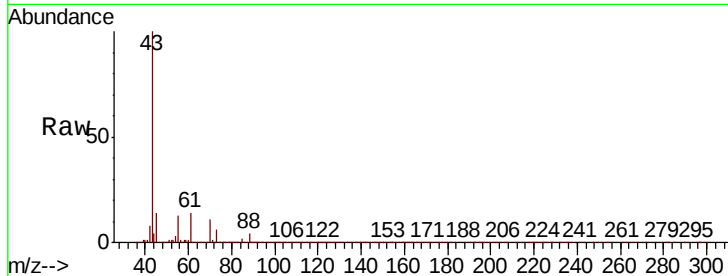




#37
Ethyl Acetate
Concen: 48.983 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

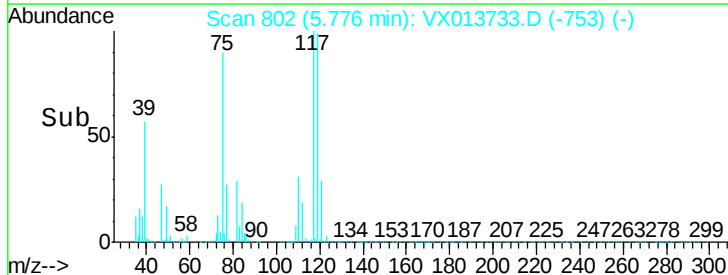
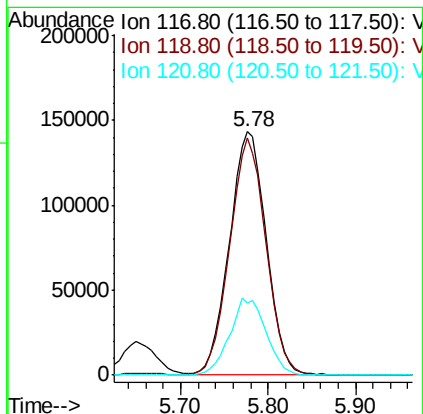
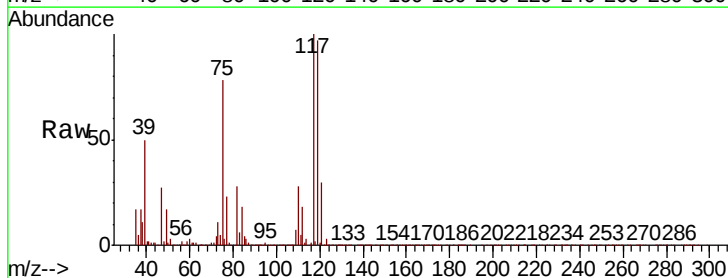
Instrument :
MSVOA_X
ClientSampleId :

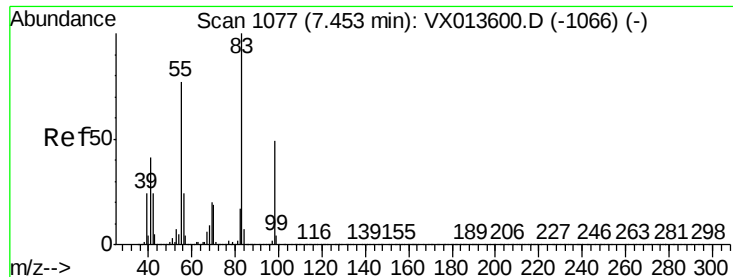
Tot Ion: 43 Resp: 496058
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.7 8.6 12.8



#38
Carbon Tetrachloride
Concen: 50.212 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 117 Resp: 417960
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3
121 29.6 25.0 37.6

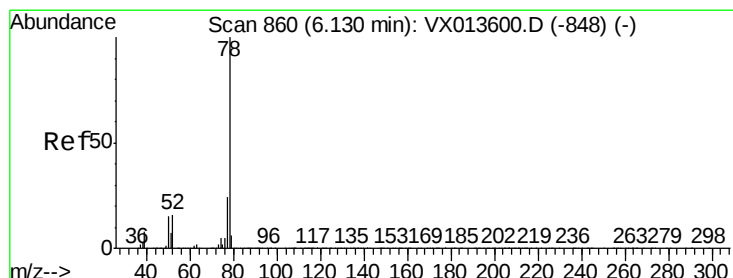
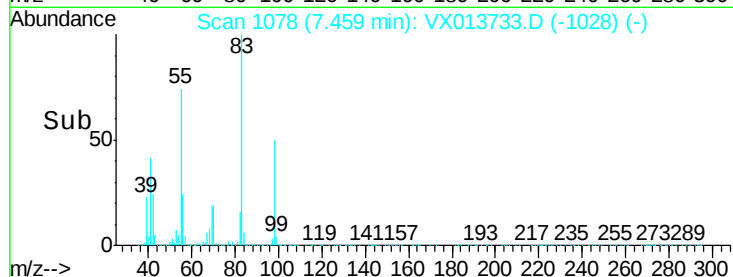
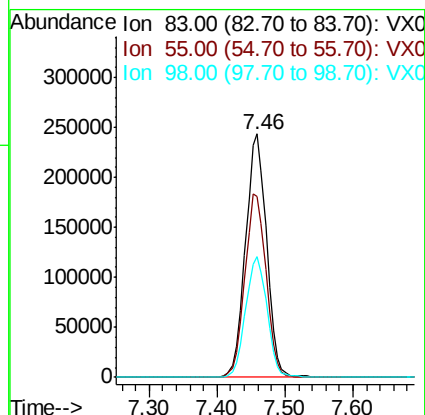
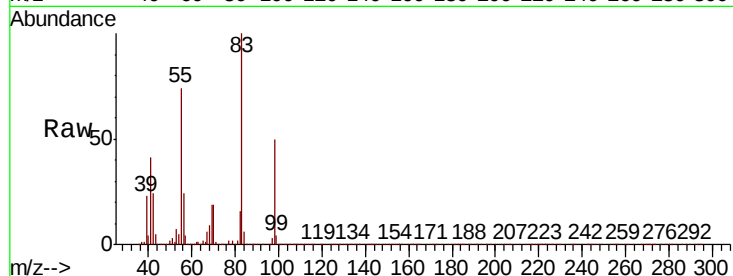




#39
Methvlcvclohexane
Concen: 46.835 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

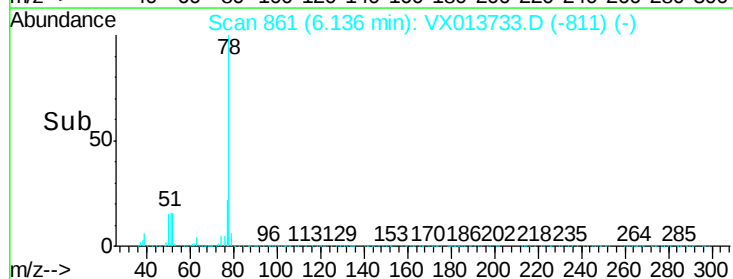
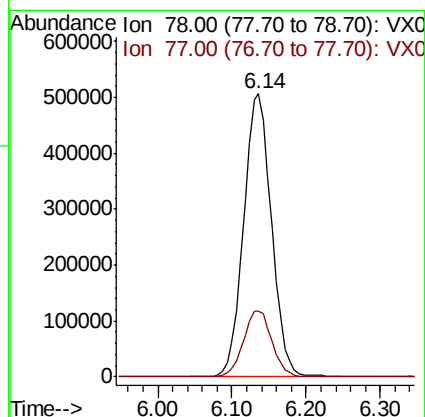
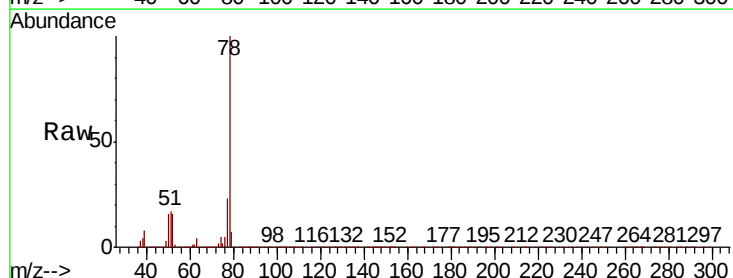
Instrument :
MSVOA_X
ClientSampleId :

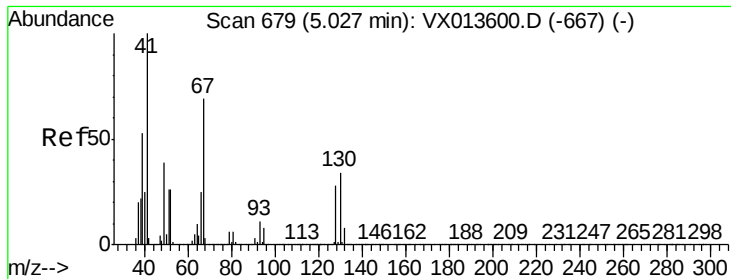
Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	61.9	92.9
98	49.5	39.4	59.0



#40
Benzene
Concen: 48.279 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





#41

Methacrylonitrile

Concen: 50.859 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 282470

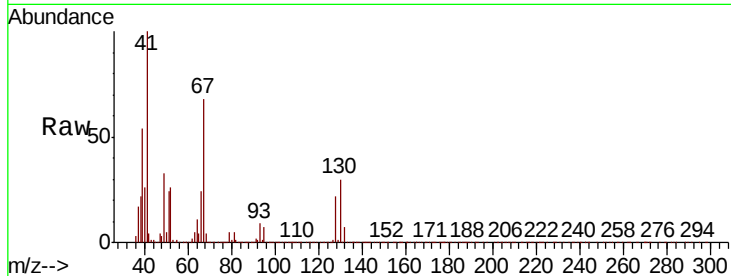
Ion Ratio Lower Upper

41 100

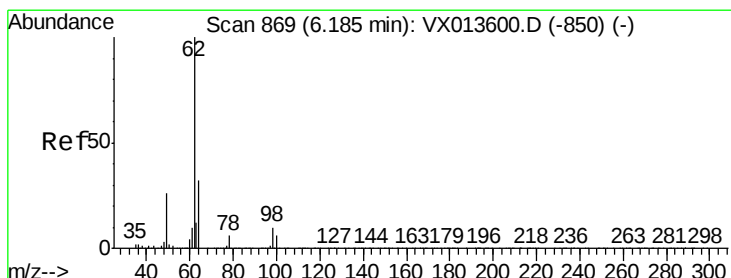
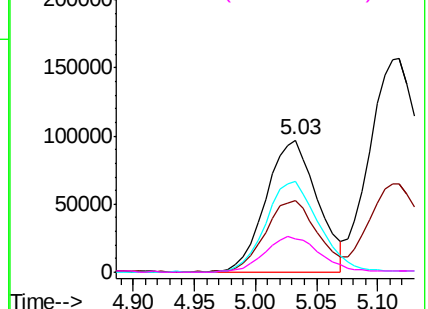
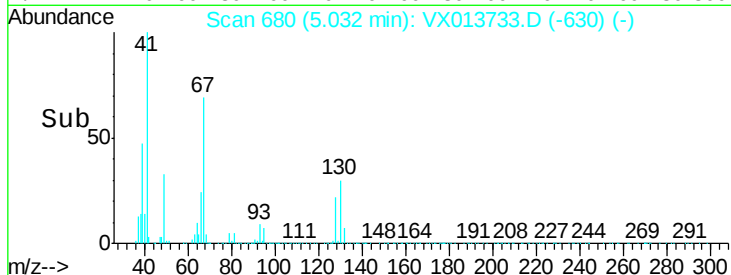
39 54.8 42.9 64.3

67 70.9 57.4 86.0

52 29.0 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: 49.593 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013733.D

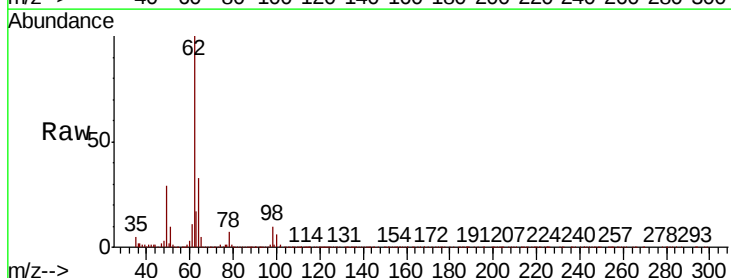
Acq: 03 Dec 2019 18:31

Tgt Ion: 62 Resp: 465013

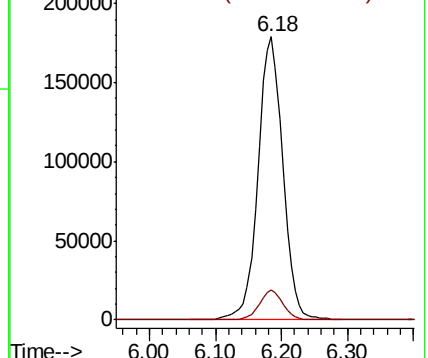
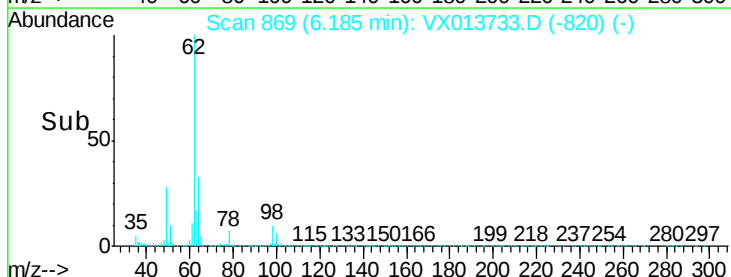
Ion Ratio Lower Upper

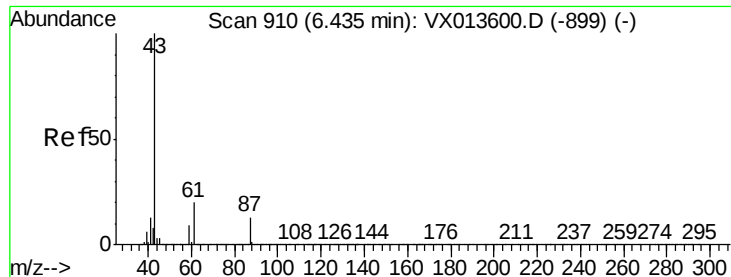
62 100

98 9.9 0.0 20.8



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



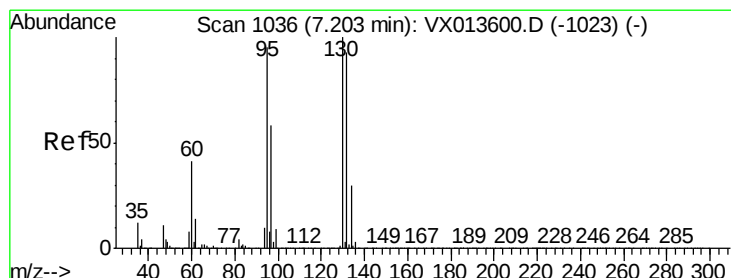
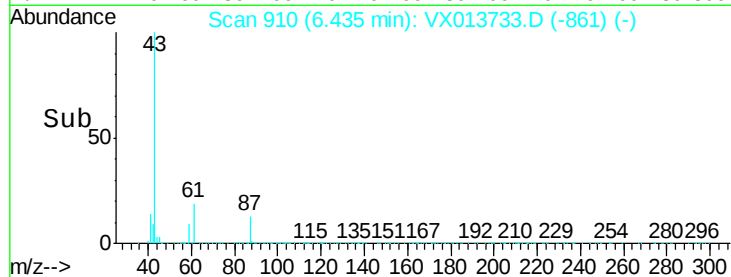
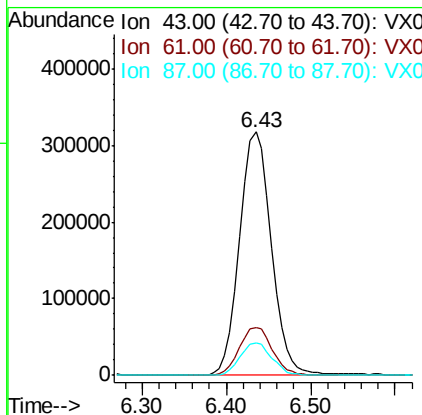
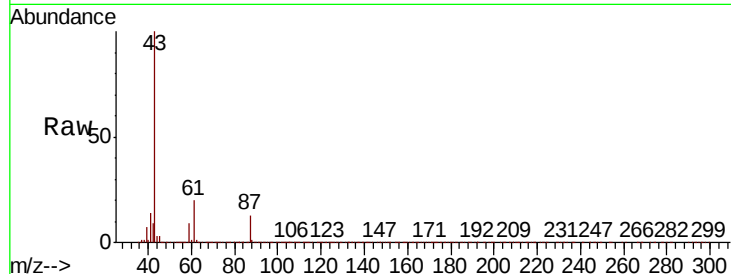


#43

Isopropyl Acetate
 Concen: 48.235 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :

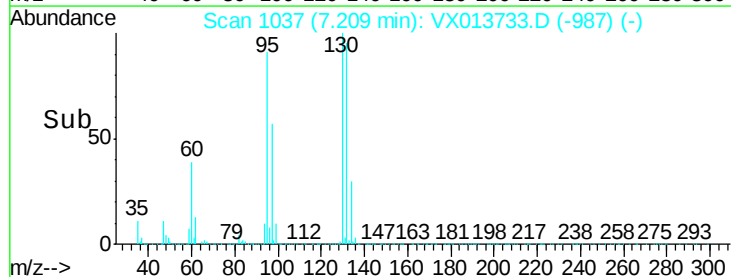
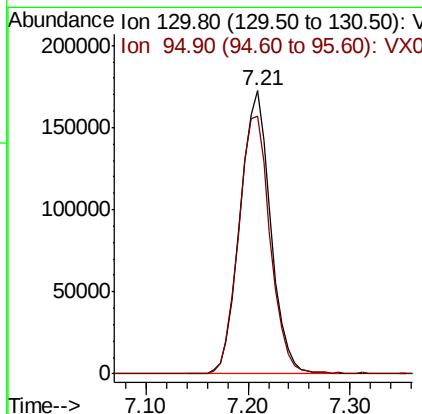
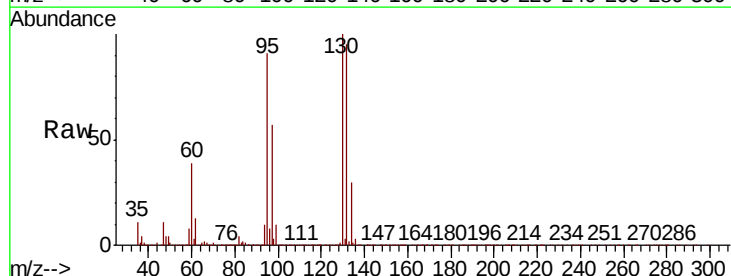
Tot Ion	43	Resp	804201
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.3	24.5
87	13.4	10.8	16.2



#44

Trichloroethene
 Concen: 47.578 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion	130	Resp	359007
Ion Ratio	Lower	Upper	
130	100		
95	90.8	0.0	190.8





#45

1,2-Dichloropropane

Concen: 49.995 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

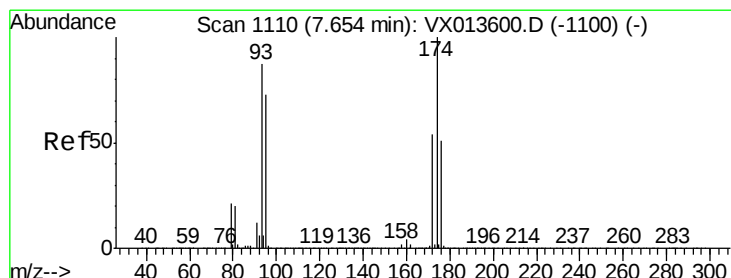
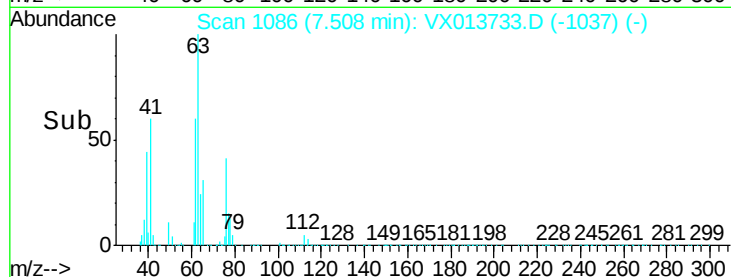
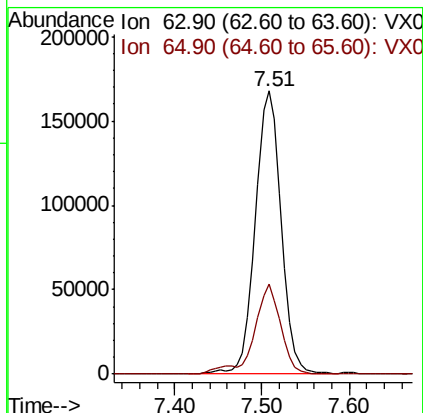
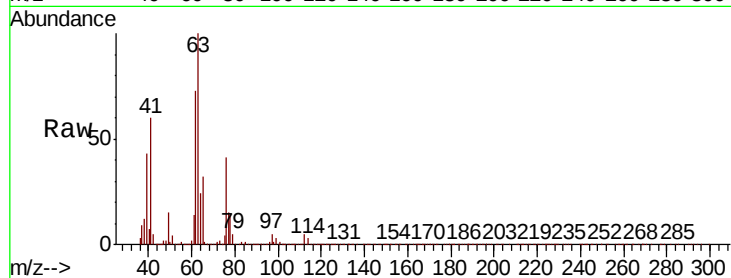
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 343912

Ion Ratio Lower Upper

63 100

65 31.6 25.5 38.3



#46

Dibromomethane

Concen: 48.283 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

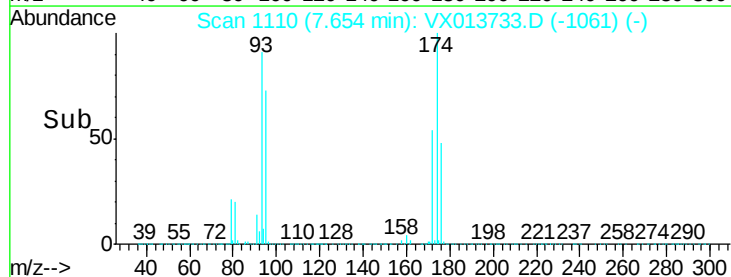
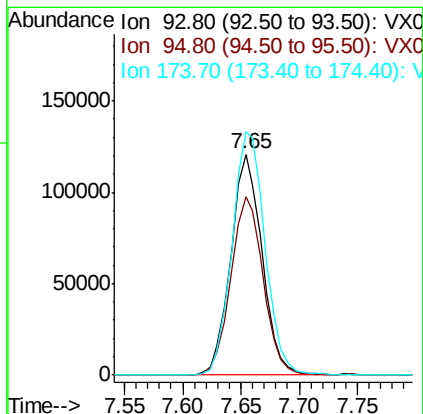
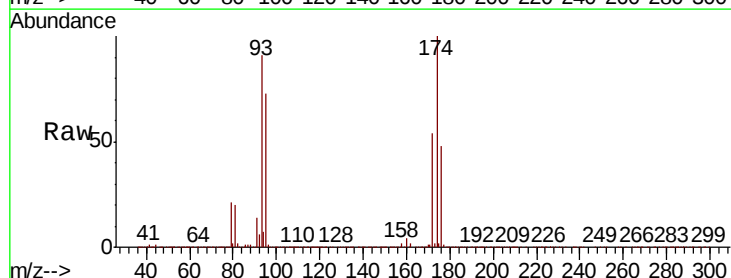
Tgt Ion: 93 Resp: 225580

Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

174 116.1 93.4 140.0

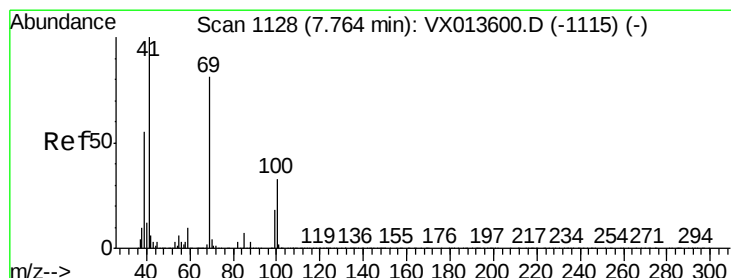
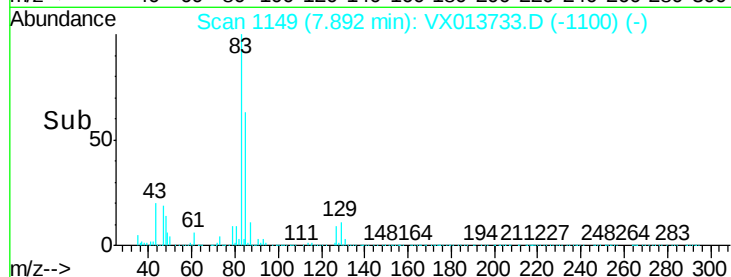
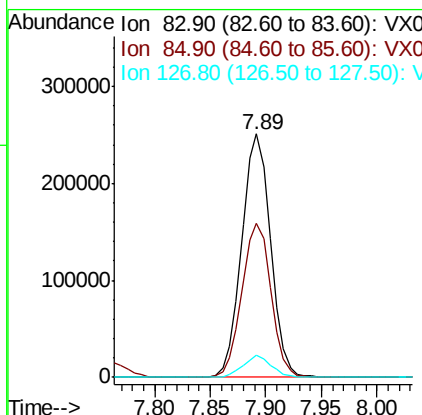
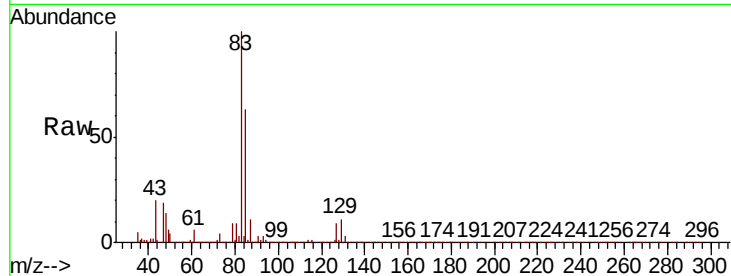




#47
Bromodichloromethane
Concen: 51.199 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

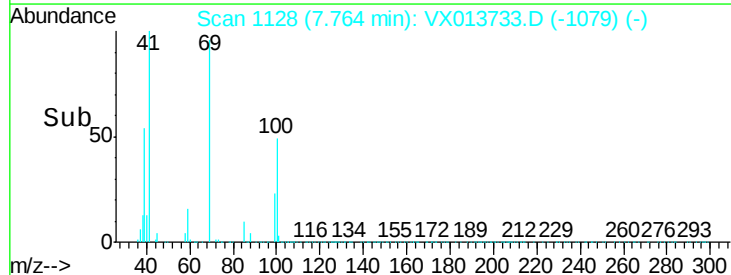
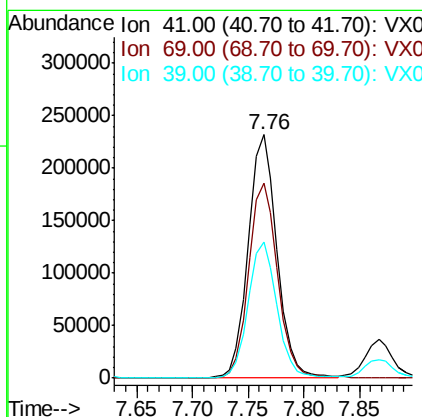
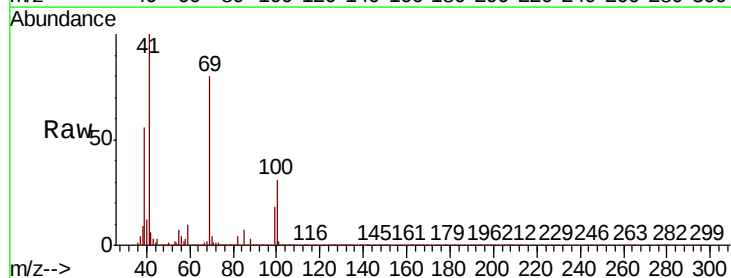
Instrument :
MSVOA_X
ClientSampleId :

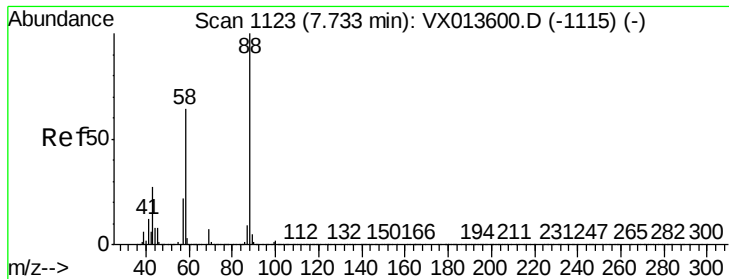
Tot Ion	83	Resp	452197
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.1	78.1
127	9.0	7.0	10.4



#48
Methyl methacrylate
Concen: 51.334 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	41	Resp	415848
Ion Ratio	Lower	Upper	
41	100		
69	81.1	64.7	97.1
39	55.8	43.8	65.6

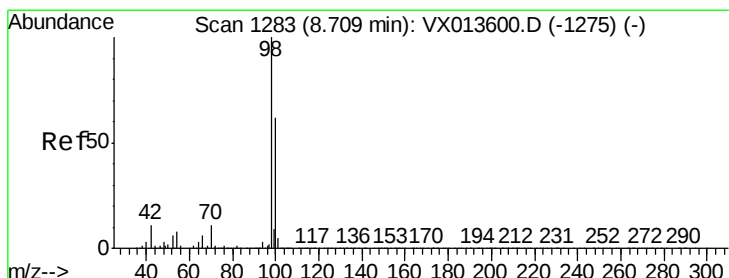
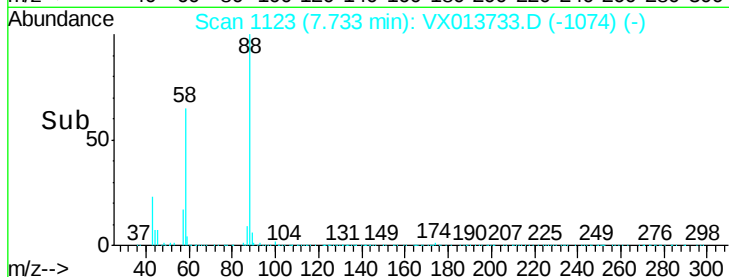
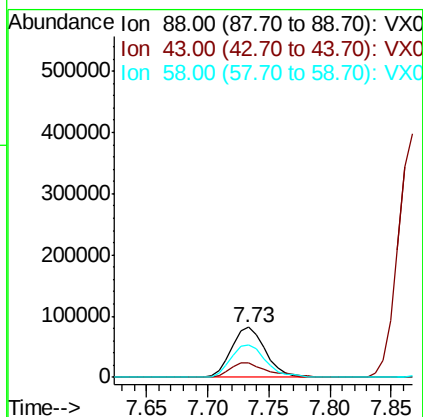
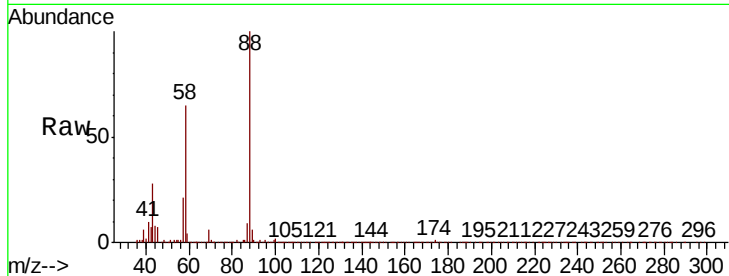




#49
1,4-Dioxane
Concen: 856.562 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

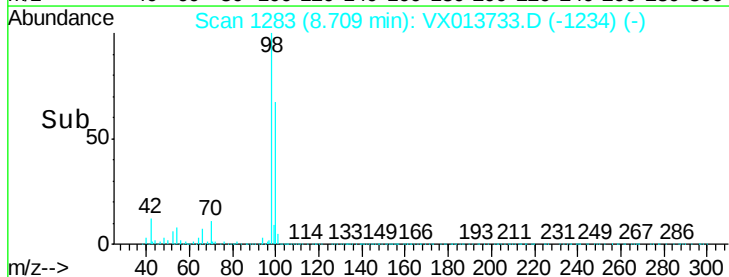
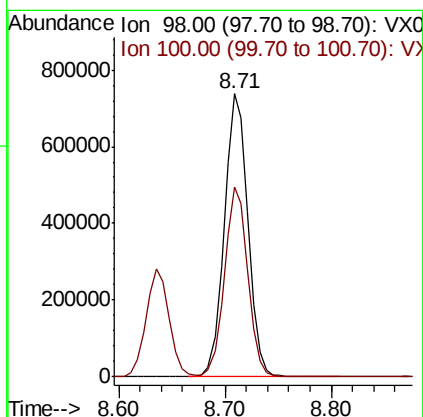
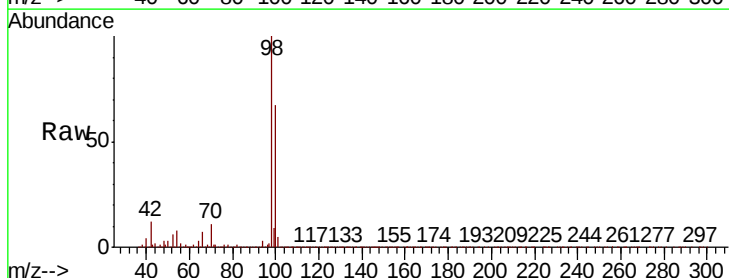
Instrument :
MSVOA_X
ClientSampled :

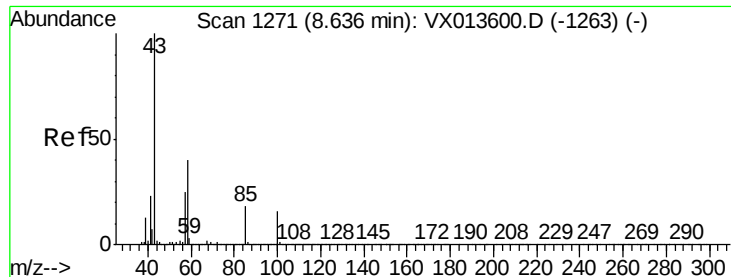
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.8	38.6
58	68.5	54.6	82.0



#50
Toluene-d8
Concen: 47.472 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 248.462 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

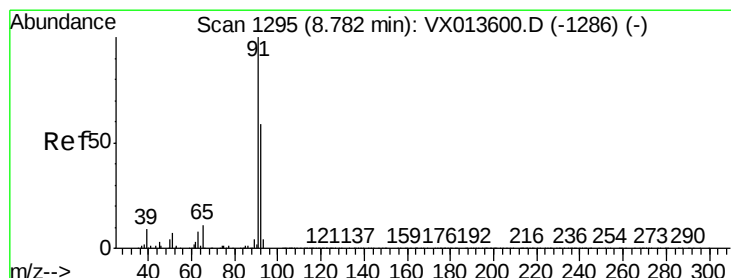
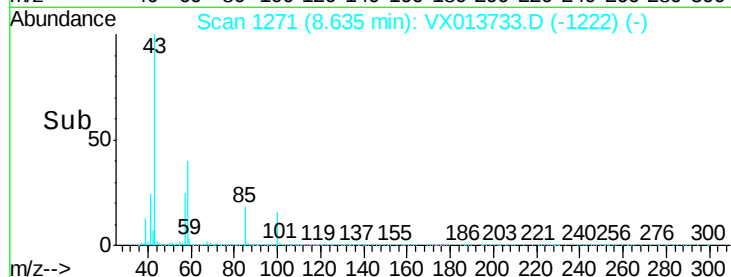
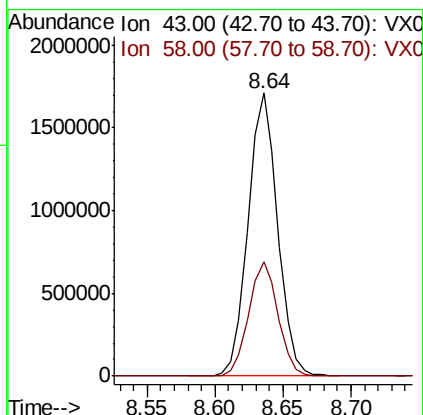
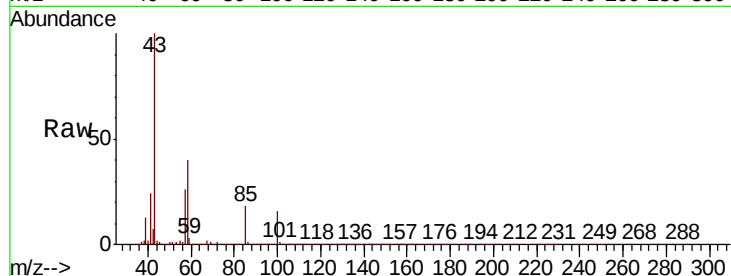
ClientSampleId :

Tot Ion: 43 Resp: 2605731

Ion Ratio Lower Upper

43 100

58 40.3 32.1 48.1



#52

Toluene

Concen: 49.383 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013733.D

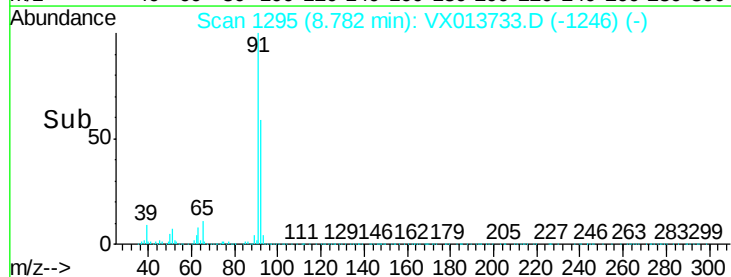
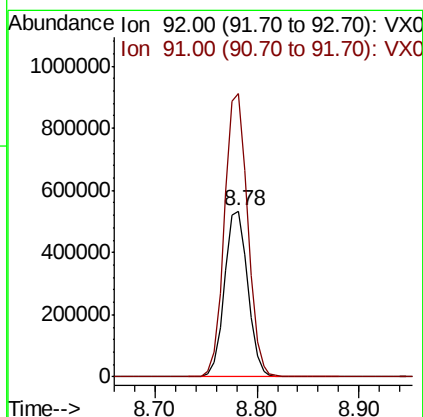
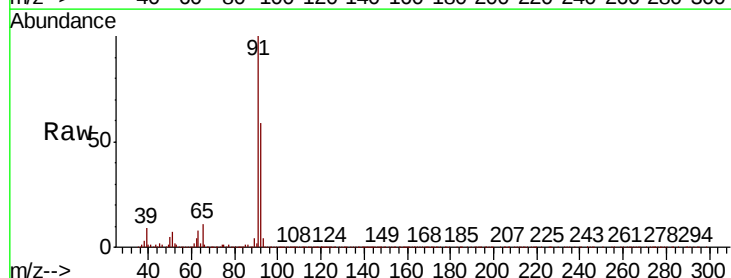
Acq: 03 Dec 2019 18:31

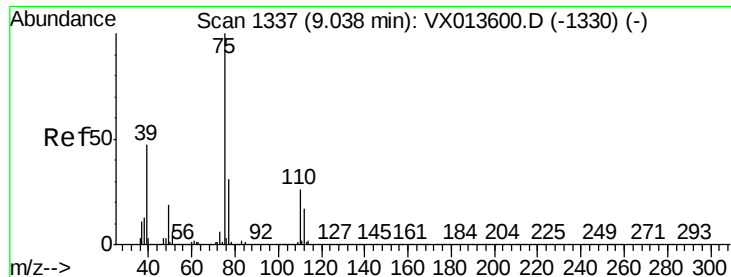
Tgt Ion: 92 Resp: 843486

Ion Ratio Lower Upper

92 100

91 170.5 136.2 204.2

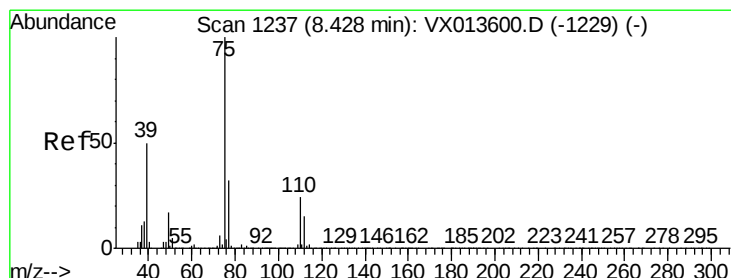
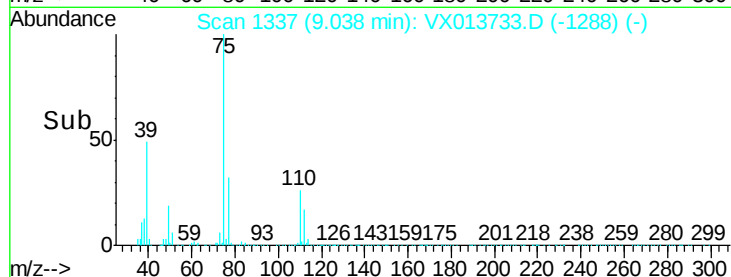
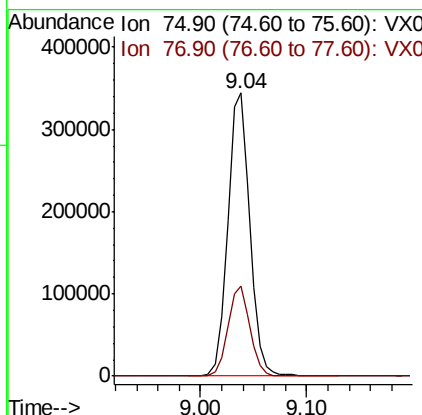
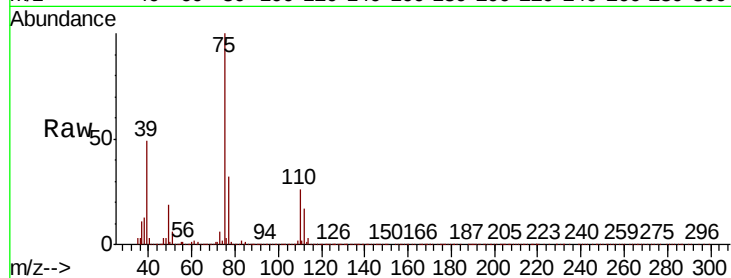




#53
t-1,3-Dichloropropene
Concen: 49.453 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

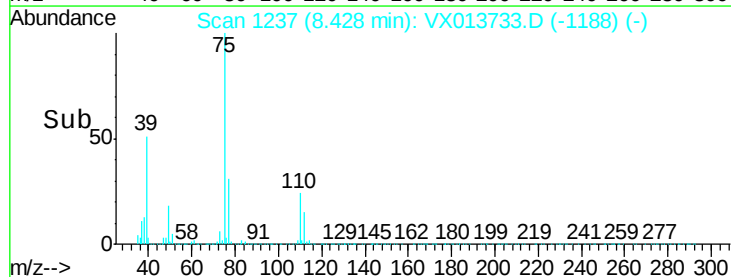
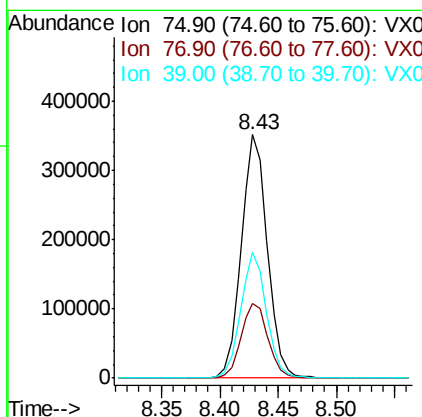
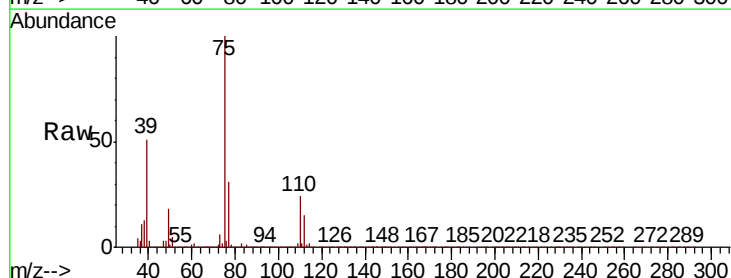
Instrument :
MSVOA_X
ClientSampleId :

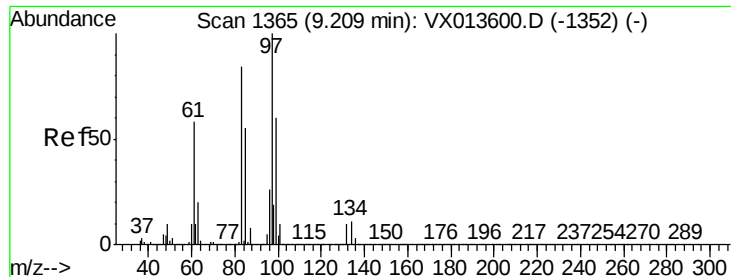
Tot Ion: 75 Resp: 497166
Ion Ratio Lower Upper
75 100
77 31.8 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 49.982 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 75 Resp: 548975
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6
39 51.3 39.9 59.9

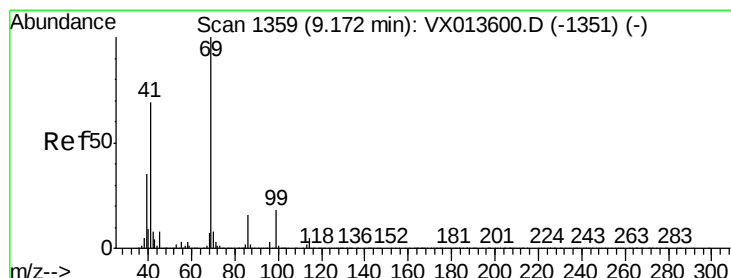
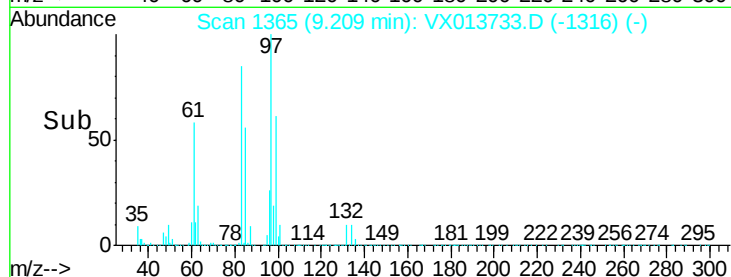
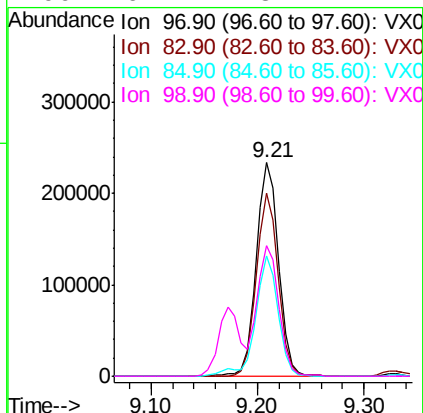
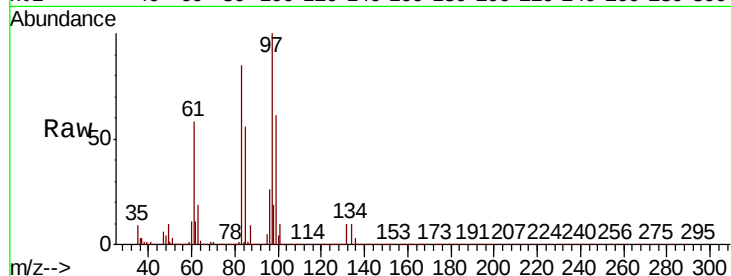




#55
 1,1,2-Trichloroethane
 Concen: 49.983 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

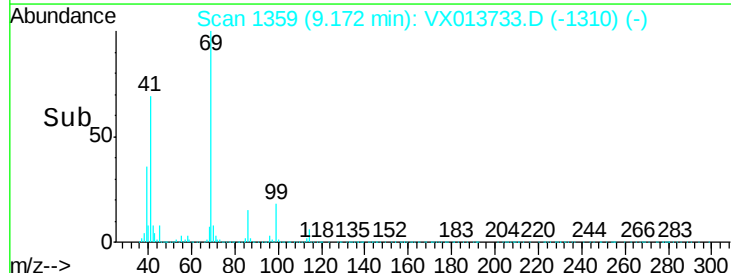
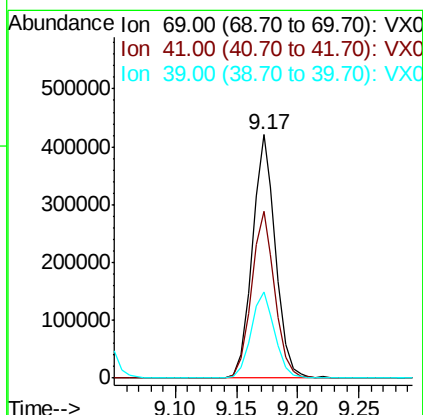
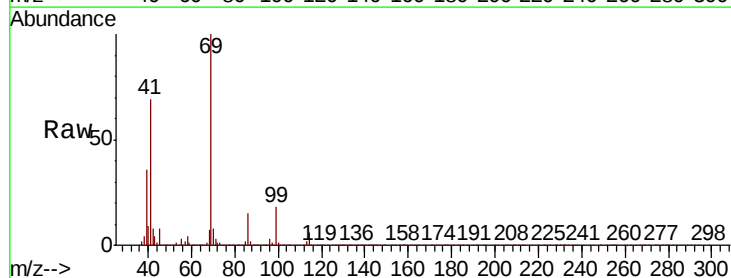
Instrument :
 MSVOA_X
 ClientSampleId :

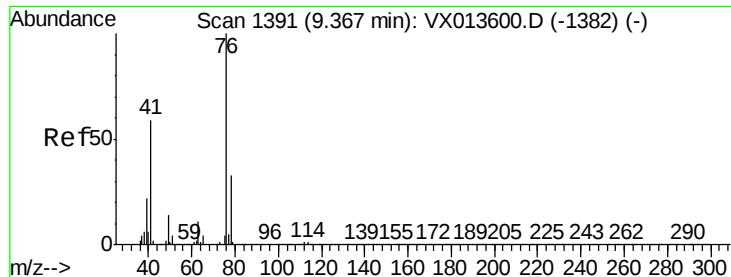
Tot Ion:	97	Resp:	344036
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.3	100.9
85	56.4	43.6	65.4
99	61.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 50.193 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion:	69	Resp:	555447
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.0	82.4
39	36.4	28.7	43.1





#57

1,3-Dichloropropane

Concen: 48.655 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

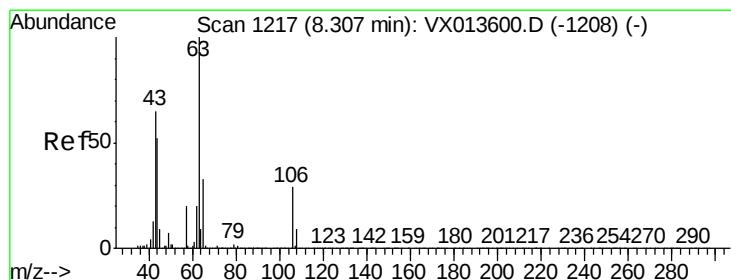
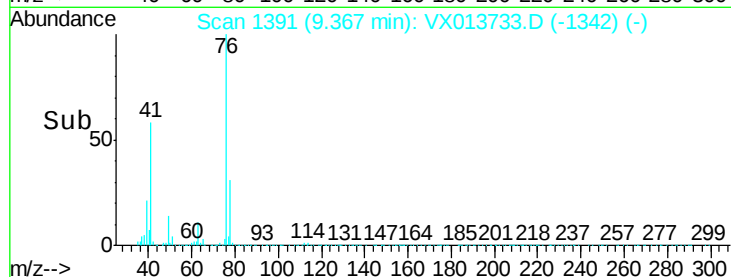
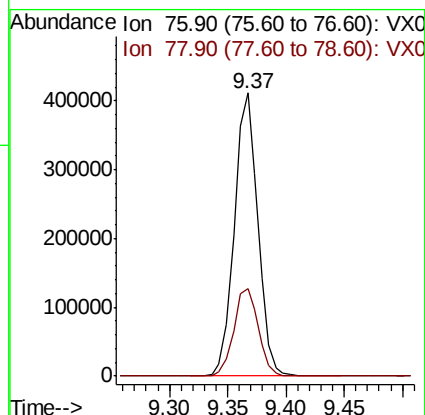
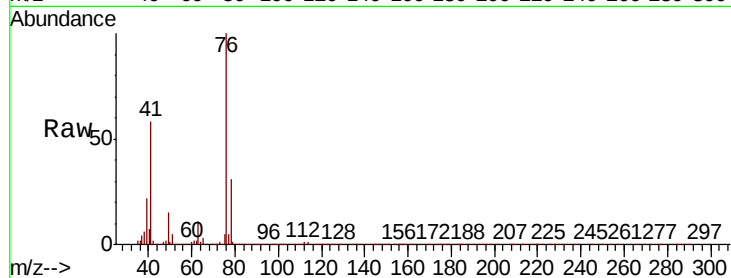
ClientSampleId :

Tot Ion: 76 Resp: 577251

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 0.224 ug/l

RT: 8.48 min Scan# 1245

Delta R.T. 0.17 min

Lab File: VX013733.D

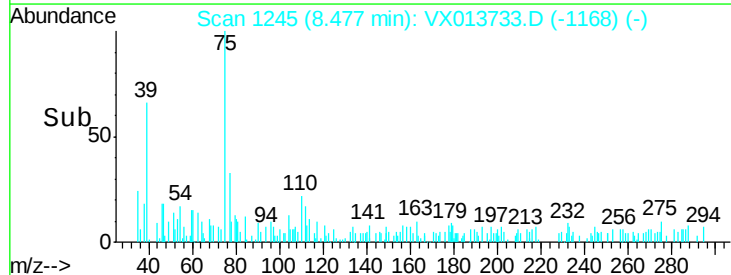
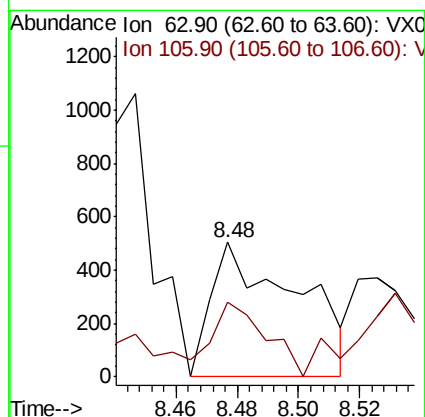
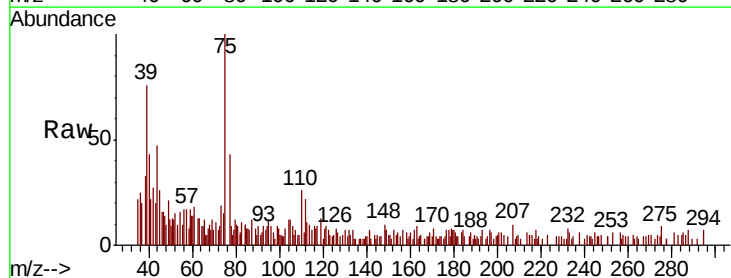
Acq: 03 Dec 2019 18:31

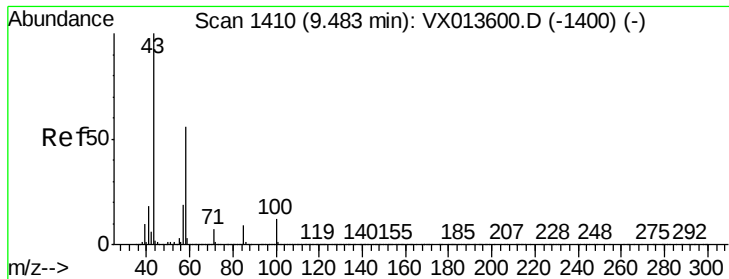
Tgt Ion: 63 Resp: 972

Ion Ratio Lower Upper

63 100

106 34.7 23.4 35.0

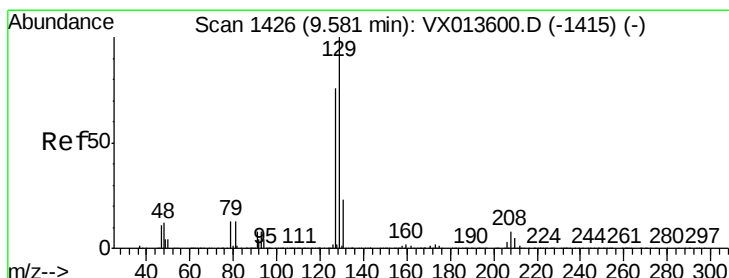
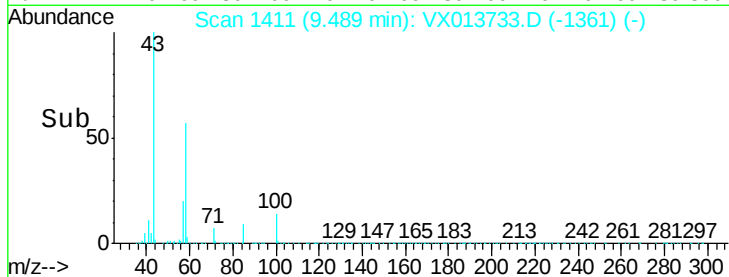
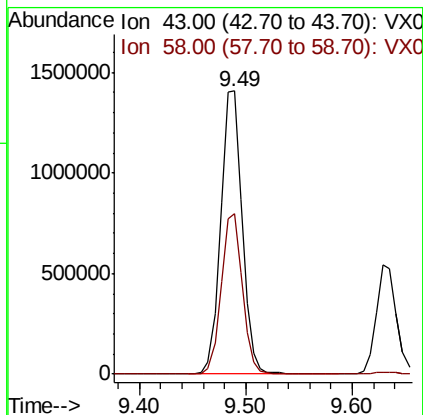
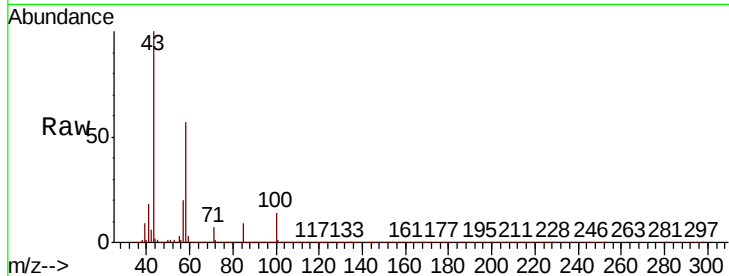




#59
2-Hexanone
Concen: 242.636 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

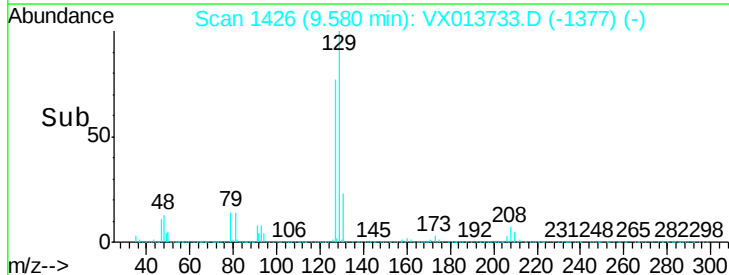
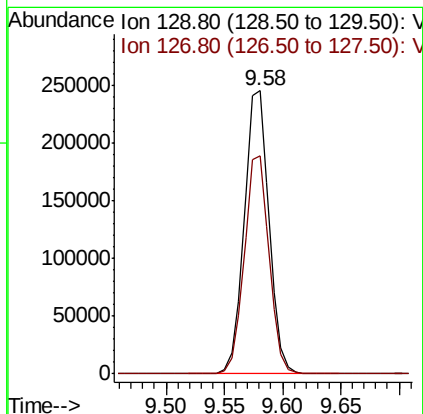
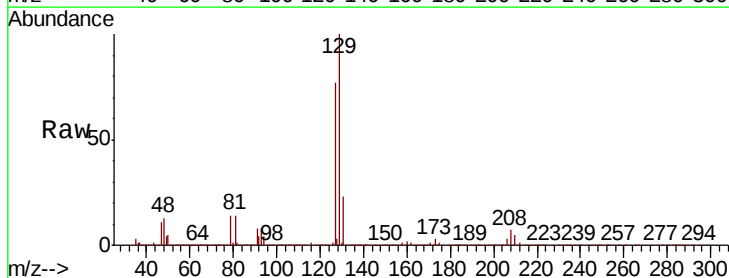
Instrument :
MSVOA_X
ClientSampleId :

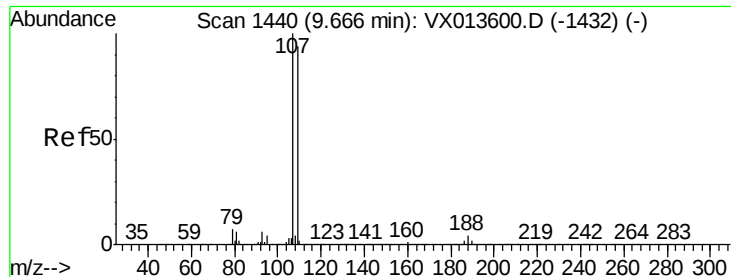
Tot Ion: 43 Resp: 1984620
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.4



#60
Dibromochloromethane
Concen: 51.035 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 129 Resp: 364552
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

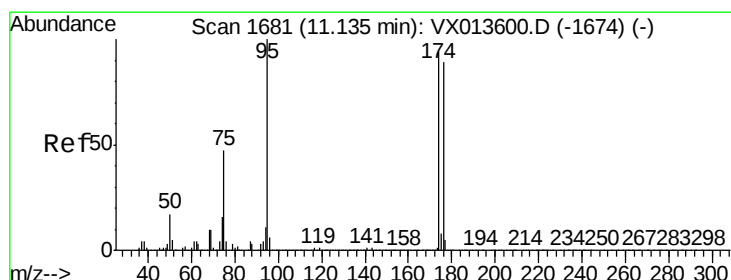
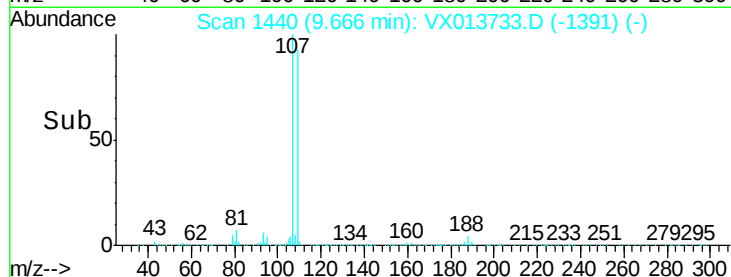
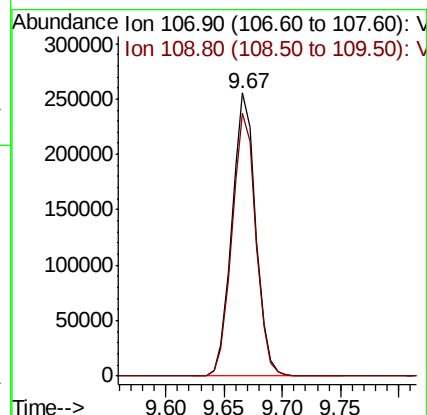
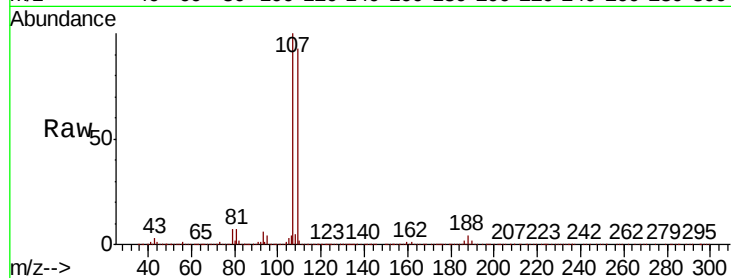




#61
 1,2-Dibromoethane
 Concen: 49.170 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

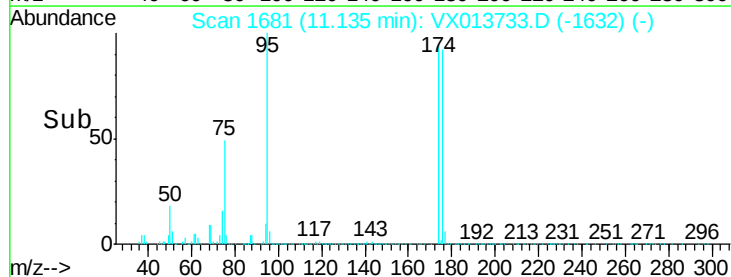
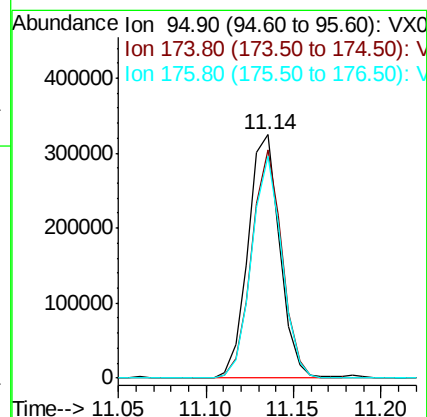
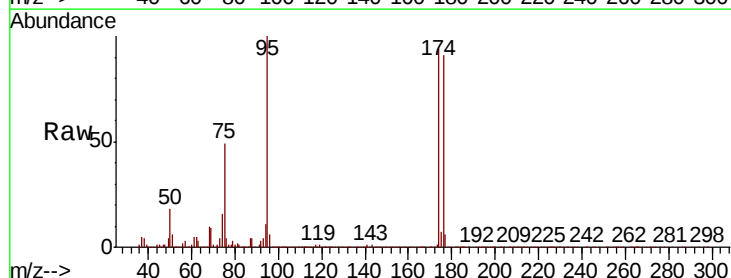
Instrument :
 MSVOA_X
 ClientSampleId :

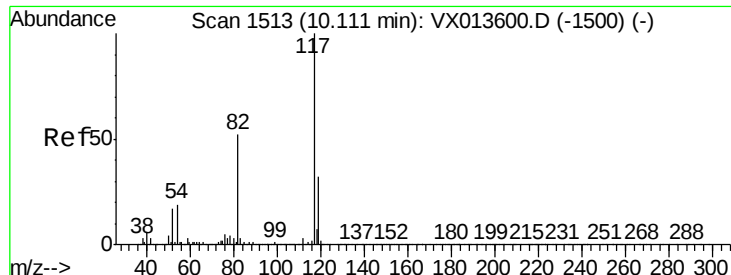
Tot Ion:107 Resp: 361465
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 47.359 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion: 95 Resp: 409064
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 180.0
 176 87.2 0.0 173.6

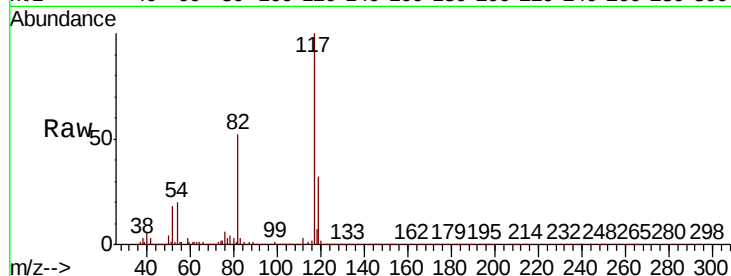




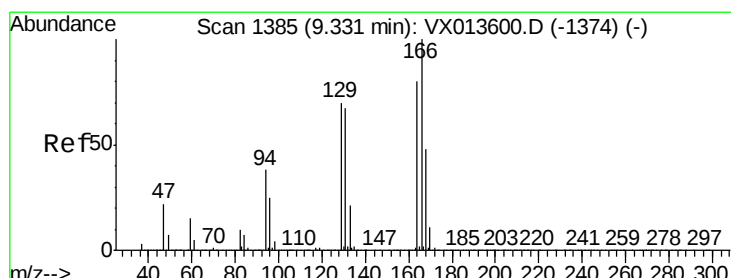
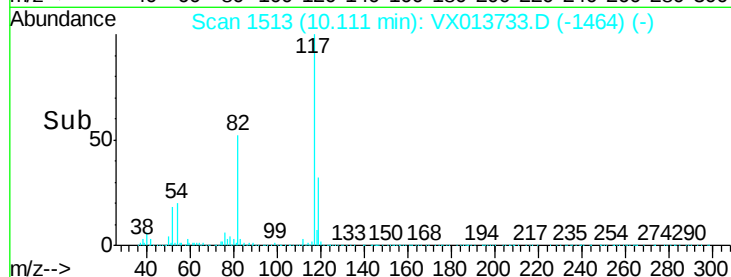
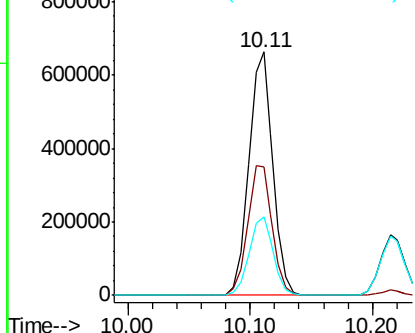
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	32.0	25.8	38.8



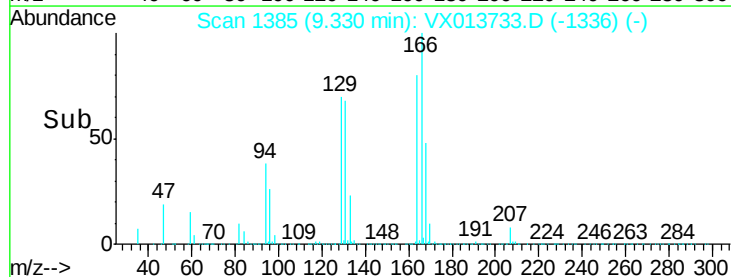
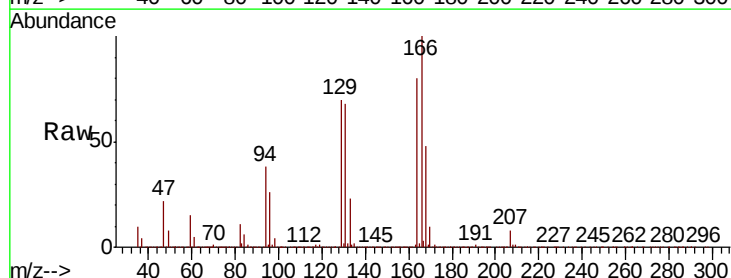
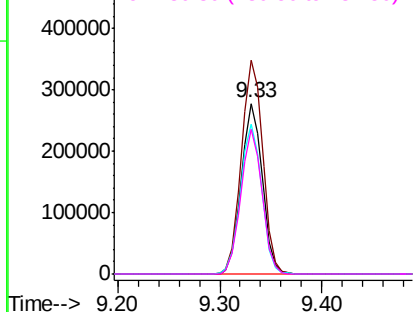
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

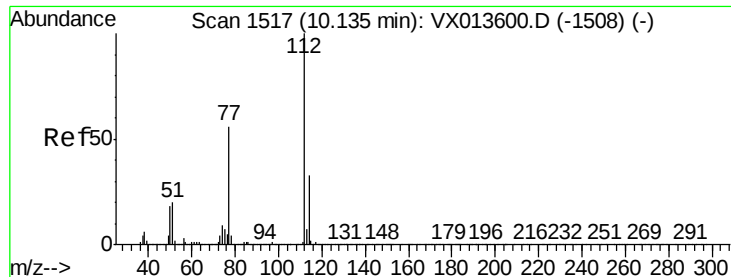


#64
Tetrachloroethene
Concen: 58.731 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	99.7	149.5
129	87.7	70.1	105.1
131	84.7	66.9	100.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.281 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

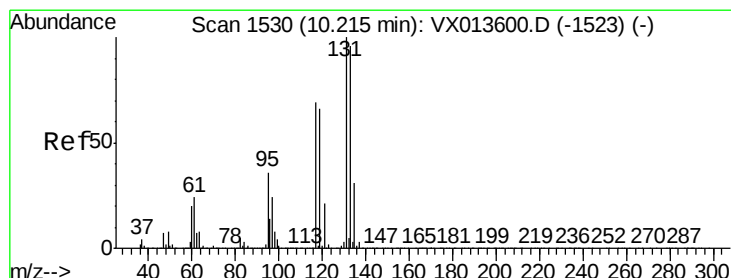
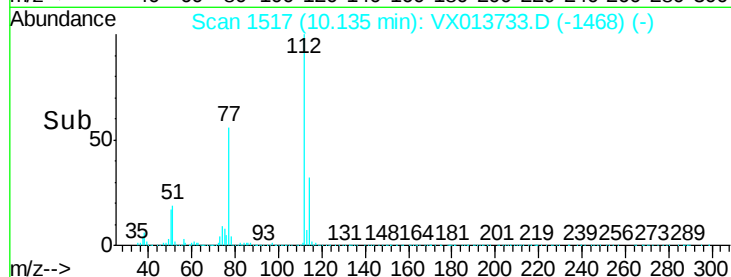
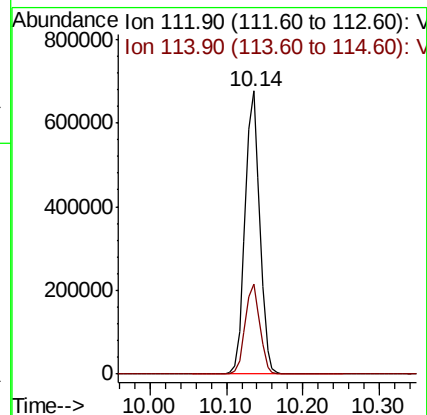
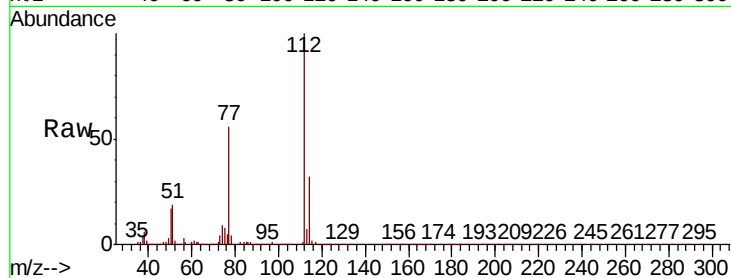
ClientSampleId :

Tot Ion:112 Resp: 900719

Ion Ratio Lower Upper

112 100

114 31.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.439 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

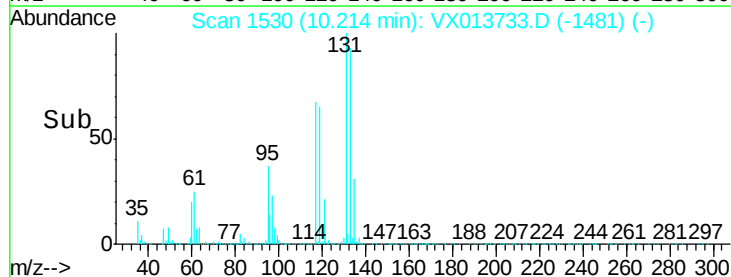
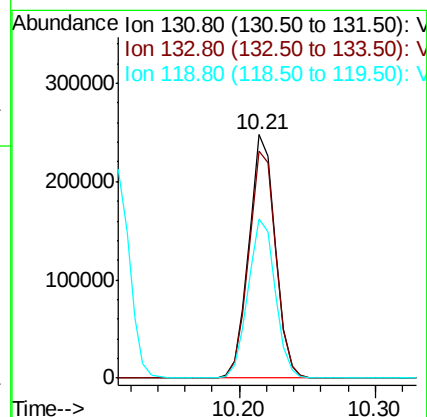
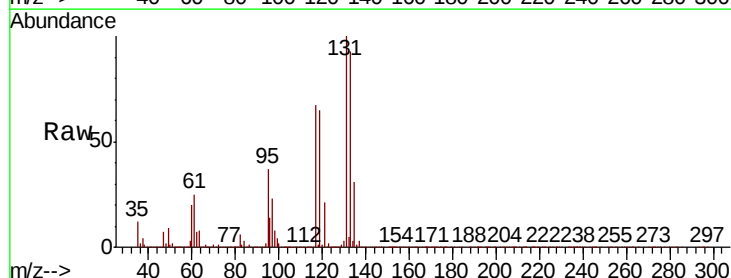
Tgt Ion:131 Resp: 337897

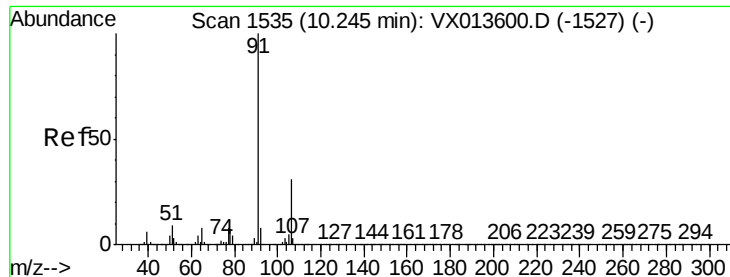
Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 66.9 32.9 98.6





#67

Ethyl Benzene

Concen: 49.236 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

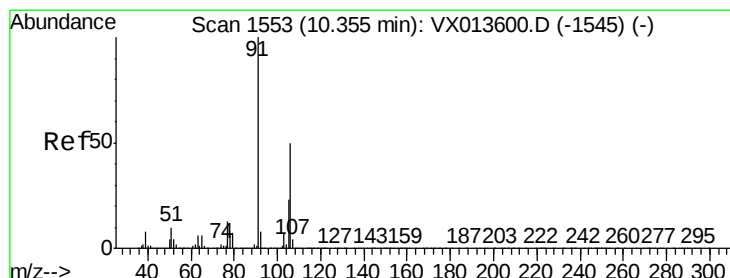
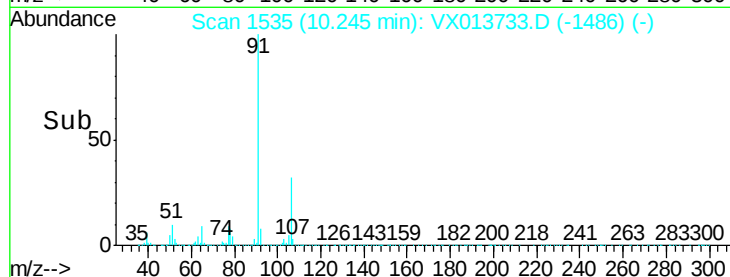
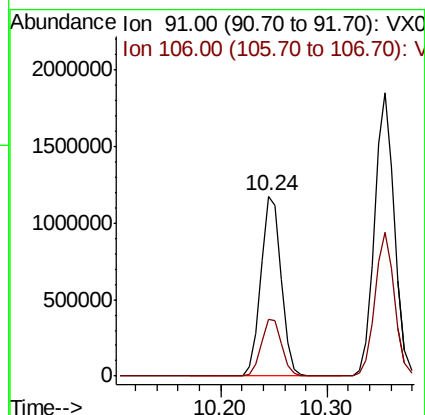
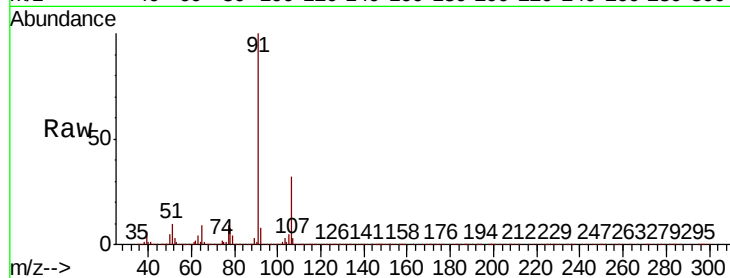
ClientSampleId :

Tot Ion: 91 Resp: 1578399

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 98.153 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013733.D

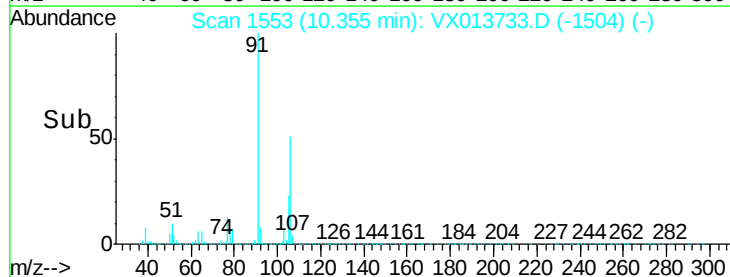
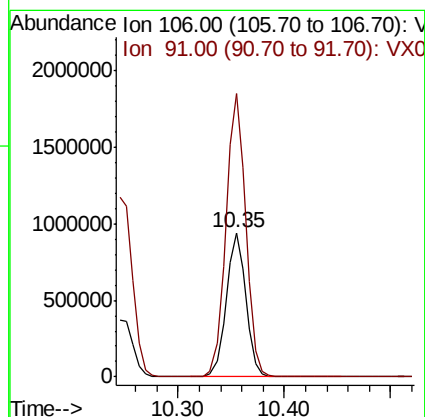
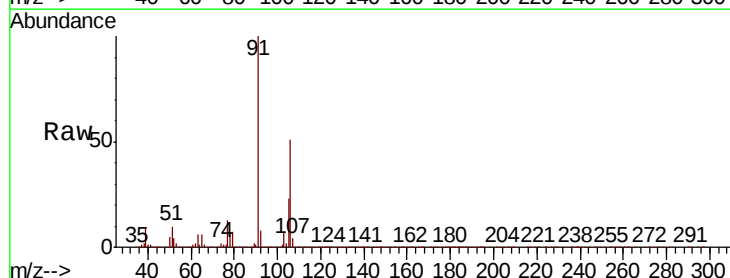
Acq: 03 Dec 2019 18:31

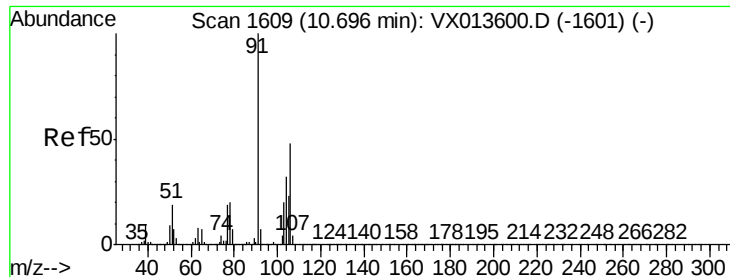
Tgt Ion: 106 Resp: 1204691

Ion Ratio Lower Upper

106 100

91 199.2 159.0 238.4

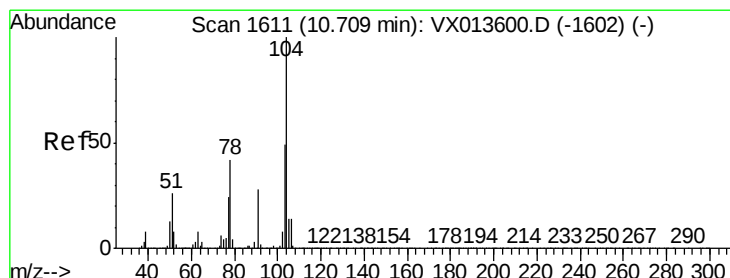
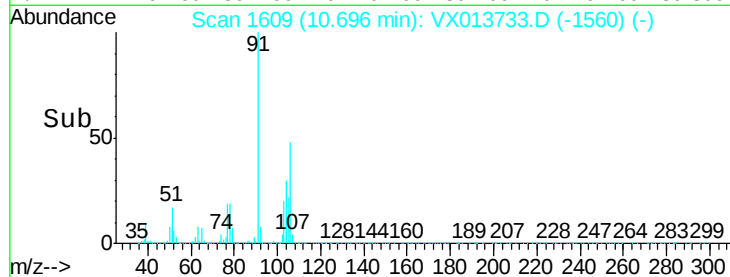
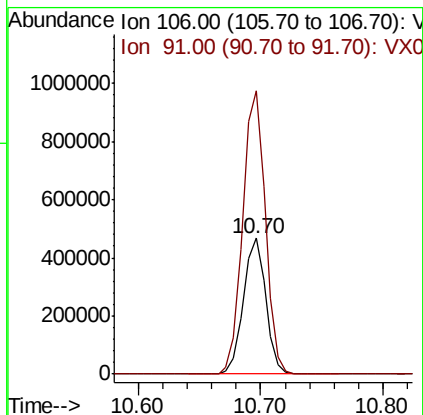
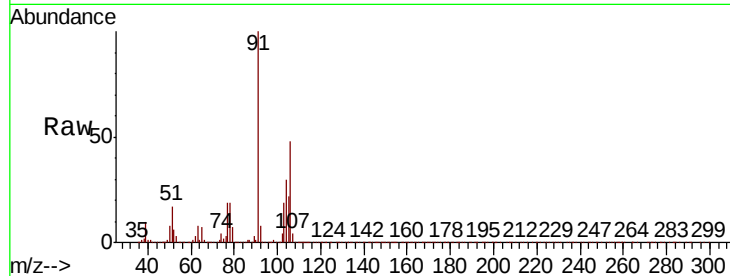




#69
o-Xylene
Concen: 49.337 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

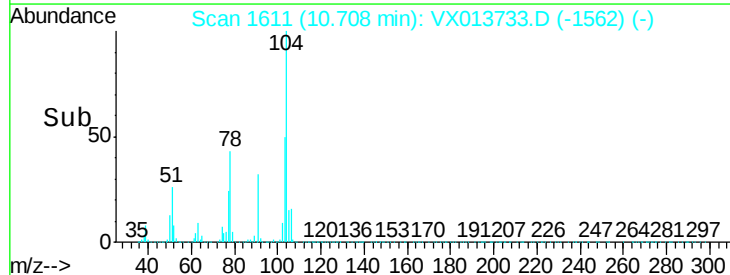
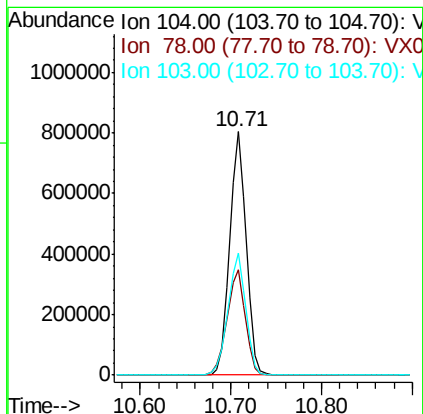
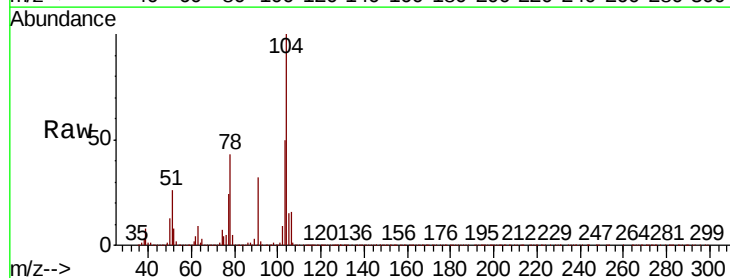
Instrument :
MSVOA_X
ClientSampleId :

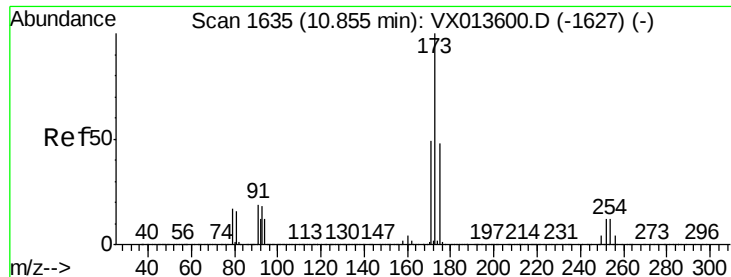
Tot Ion:106 Resp: 590588
Ion Ratio Lower Upper
106 100
91 210.2 104.1 312.2



#70
Styrene
Concen: 50.505 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion:104 Resp: 1016986
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 53.9 43.7 65.5

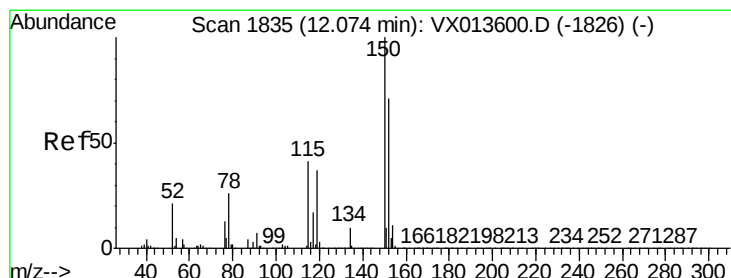
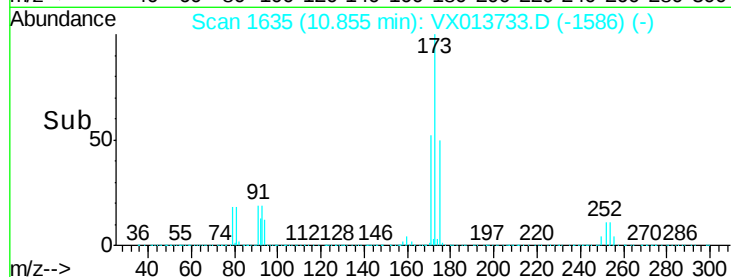
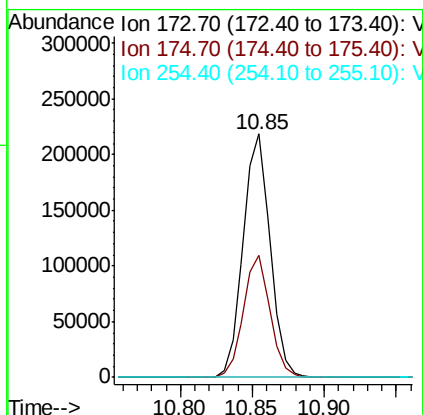
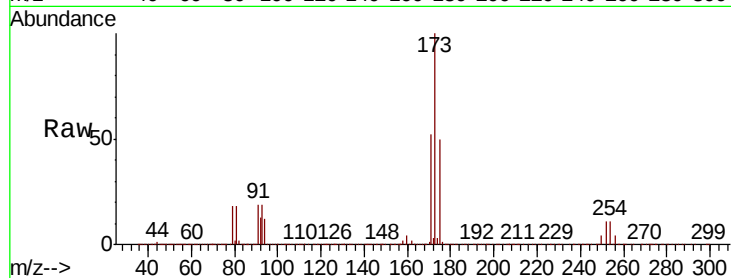




#71
Bromoform
Concen: 50.940 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

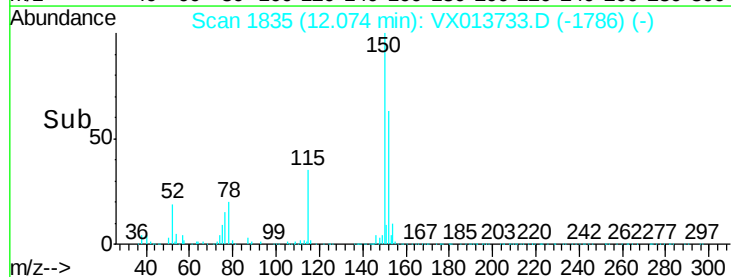
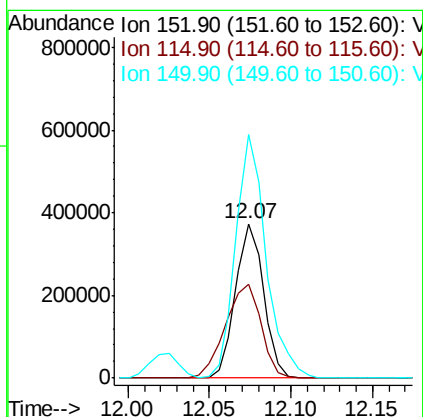
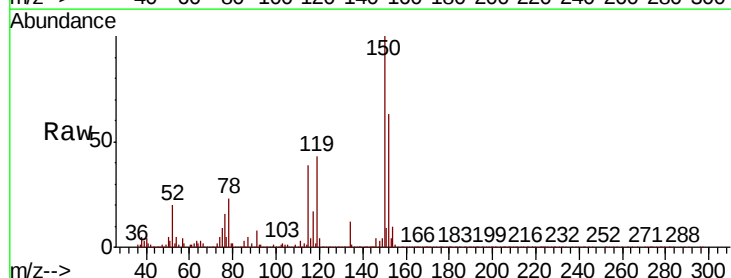
Instrument :
MSVOA_X
ClientSampled :

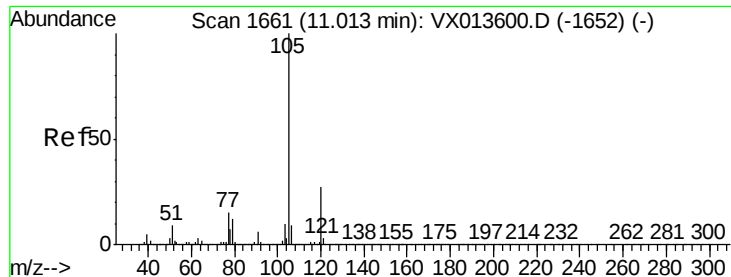
Tot Ion:173 Resp: 282362
Ion Ratio Lower Upper
173 100
175 49.7 24.3 72.8
254 0.3 0.2 0.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion:152 Resp: 447207
Ion Ratio Lower Upper
152 100
115 77.1 38.4 115.1
150 171.1 0.0 346.8





#73

Isopropylbenzene

Concen: 49.758 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

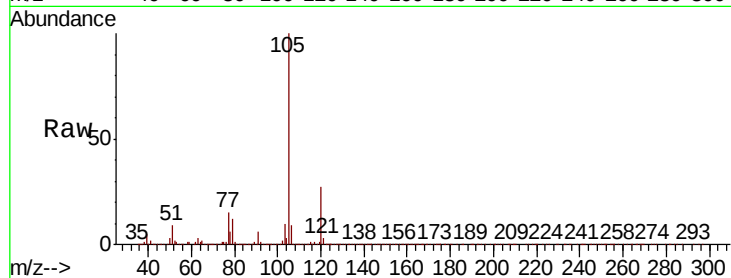
ClientSampleId :

Tot Ion:105 Resp: 1560900

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

11.01

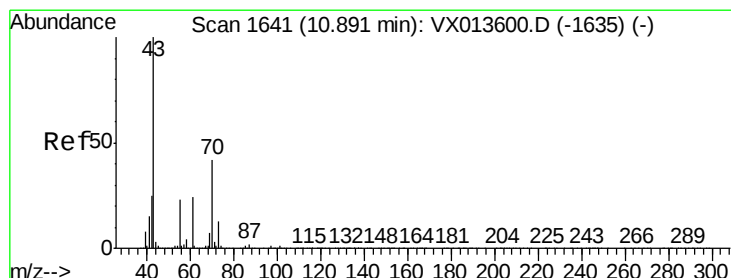
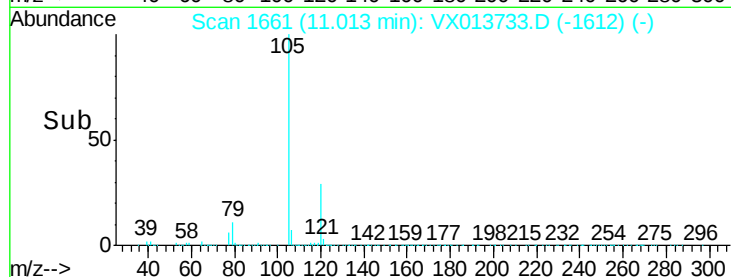
1000000

500000

0

Time-->

10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 49.746 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion: 43 Resp: 714861

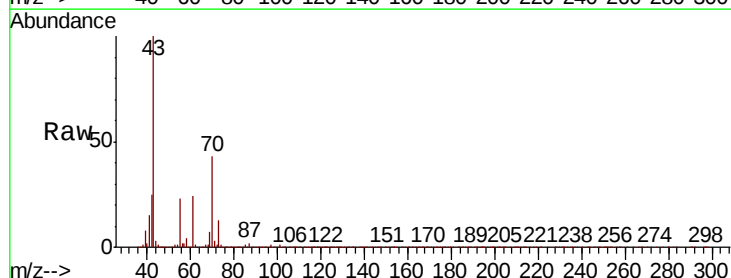
Ion Ratio Lower Upper

43 100

70 44.0 34.3 51.5

55 24.0 18.5 27.7

61 25.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

600000

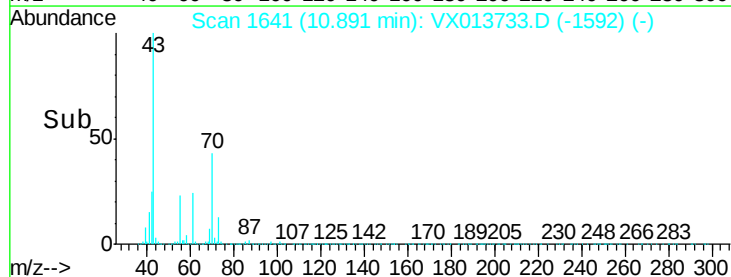
400000

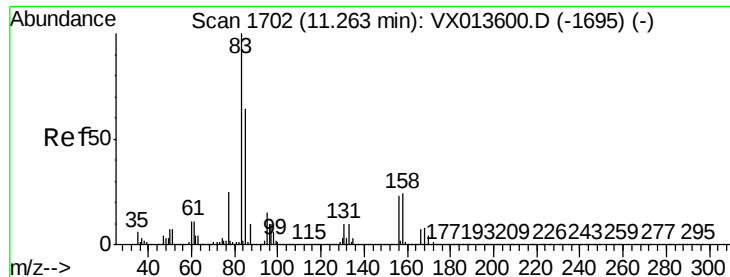
200000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.529 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

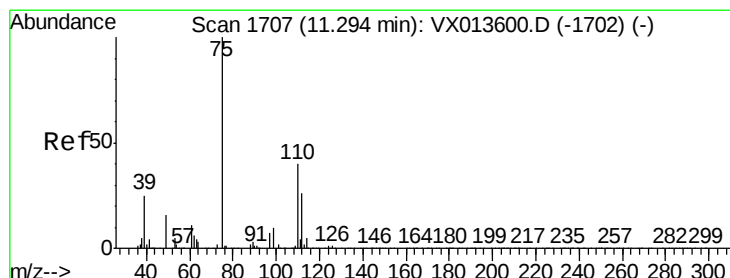
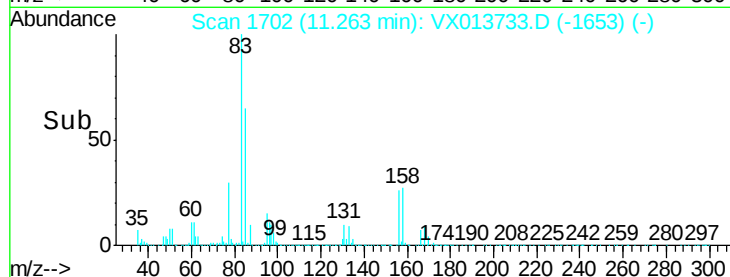
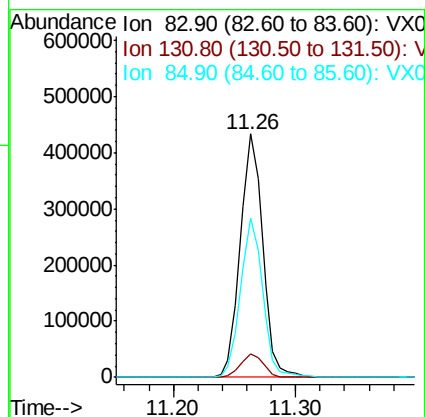
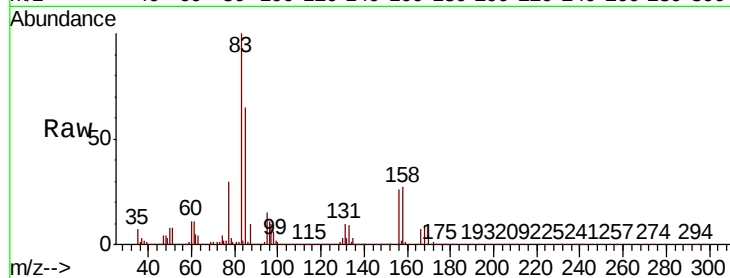
Tot Ion: 83 Resp: 549705

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

85 64.7 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 61.346 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013733.D

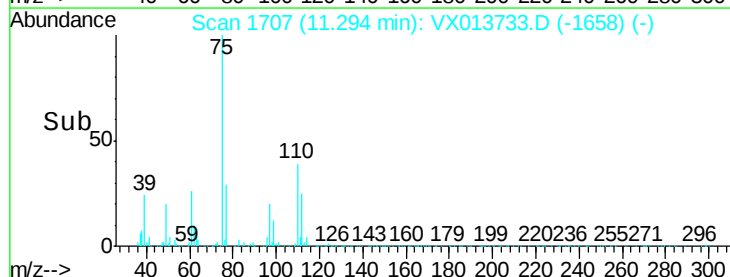
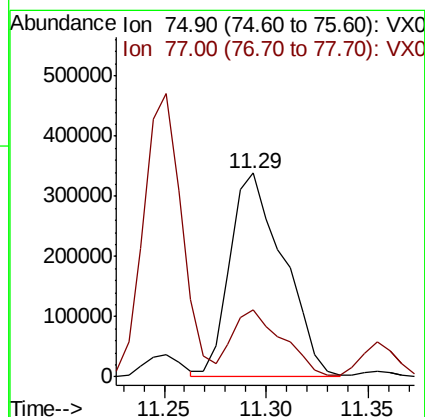
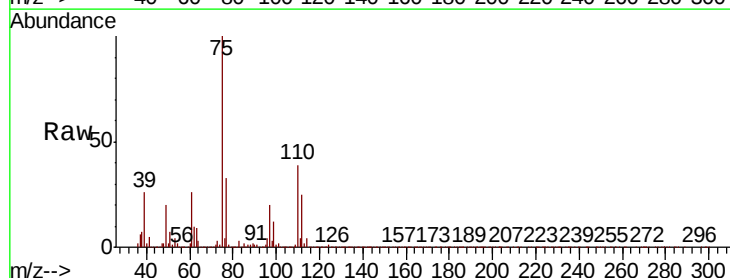
Acq: 03 Dec 2019 18:31

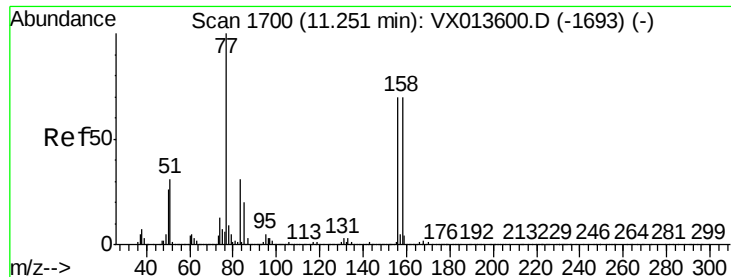
Tgt Ion: 75 Resp: 617050

Ion Ratio Lower Upper

75 100

77 31.3 19.1 57.5





#77

Bromobenzene

Concen: 48.399 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

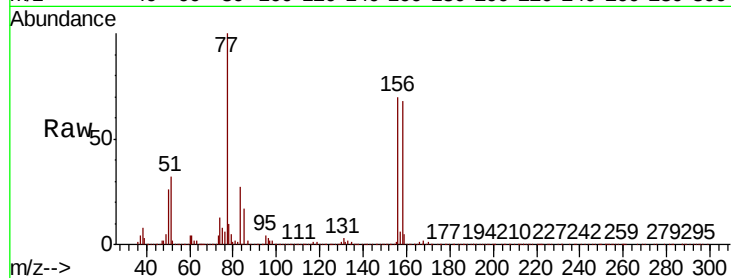
Tot Ion:156 Resp: 410169

Ion Ratio Lower Upper

156 100

77 149.3 74.4 223.1

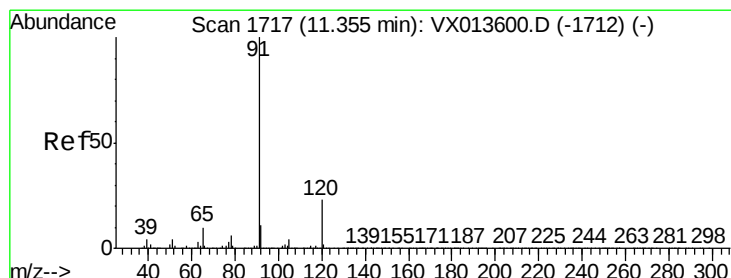
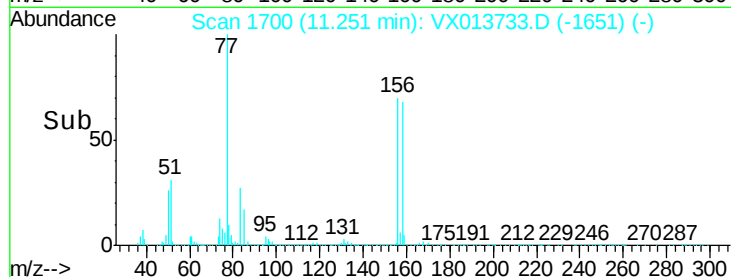
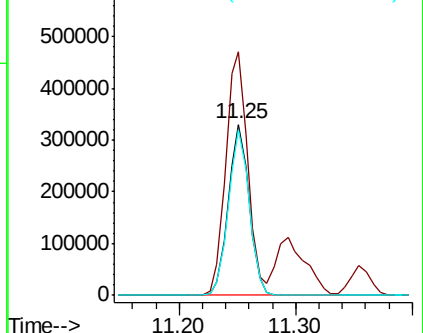
158 96.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.363 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013733.D

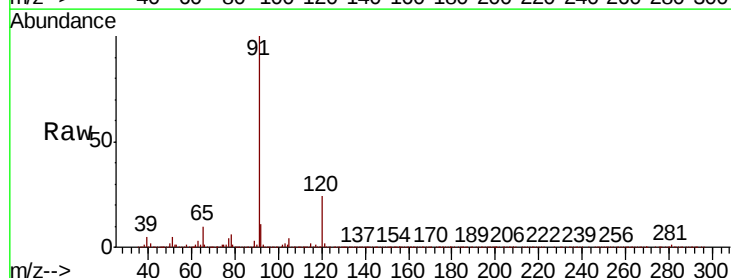
Acq: 03 Dec 2019 18:31

Tgt Ion: 91 Resp: 1763649

Ion Ratio Lower Upper

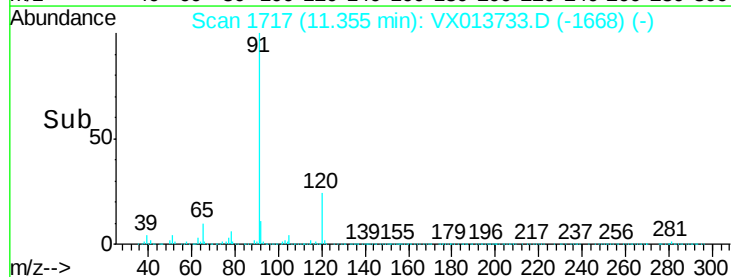
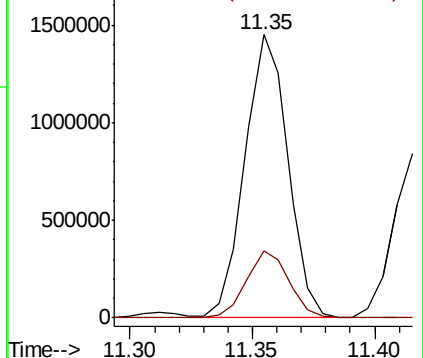
91 100

120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.423 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

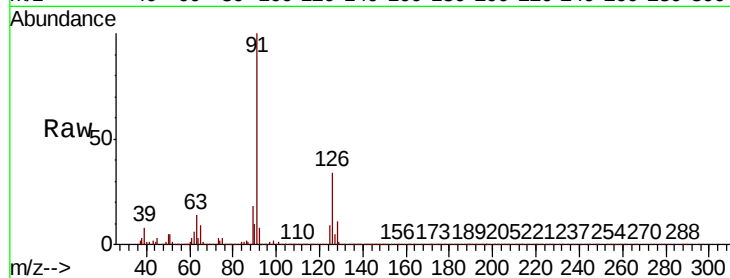
ClientSampleId :

Tot Ion: 91 Resp: 1038200

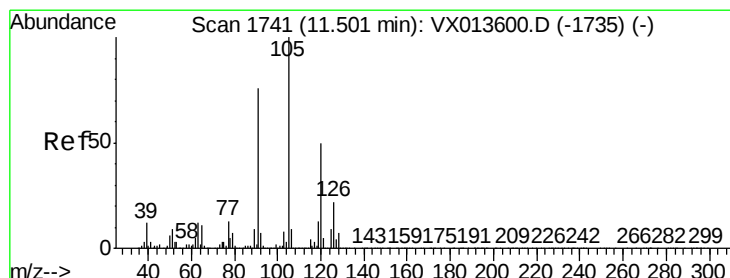
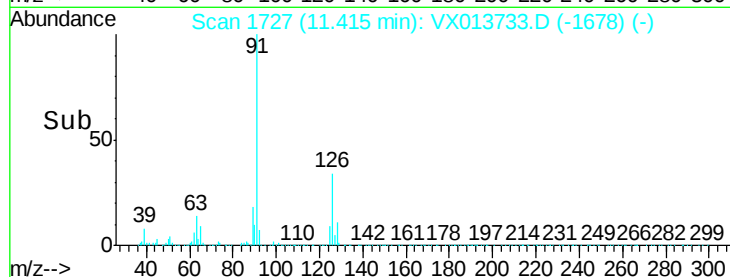
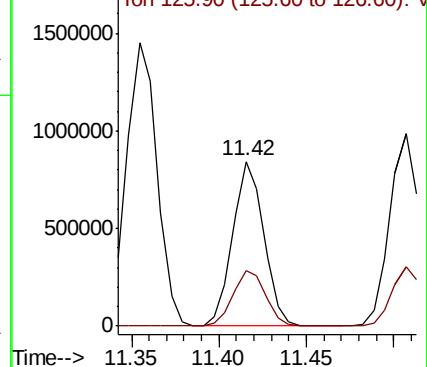
Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013733.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.902 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013733.D

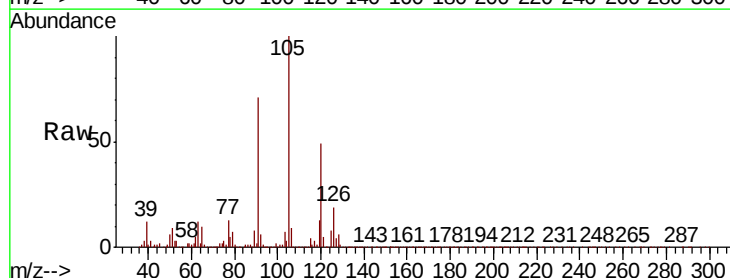
Acq: 03 Dec 2019 18:31

Tgt Ion: 105 Resp: 1334413

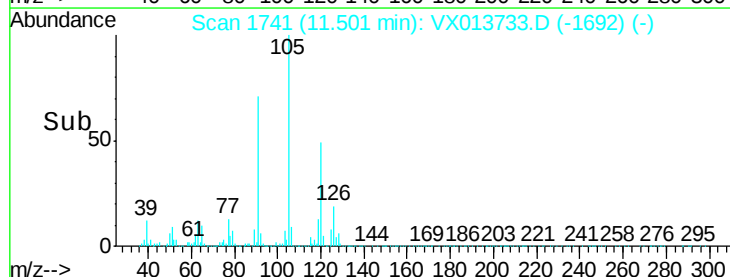
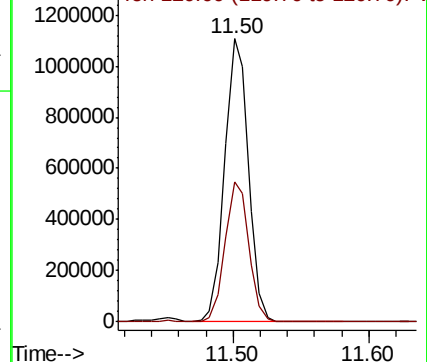
Ion Ratio Lower Upper

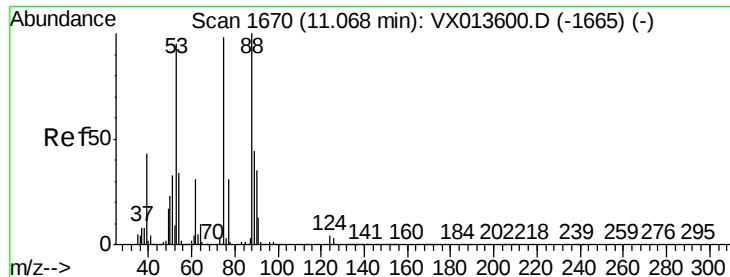
105 100

120 49.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013733.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.310 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

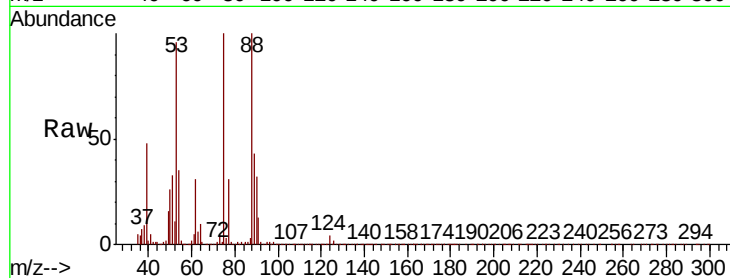
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 177617

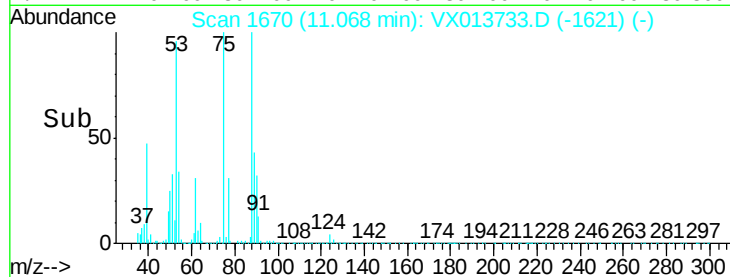
Ion	Ratio	Lower	Upper
75	100		
53	96.6	78.2	117.2
89	45.2	35.4	53.2



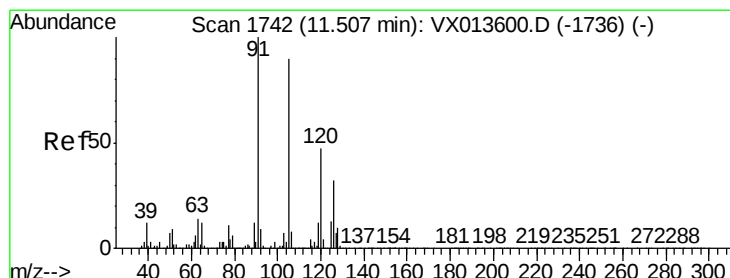
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time-->



#82

4-Chlorotoluene

Concen: 48.697 ug/l

RT: 11.51 min Scan# 1742

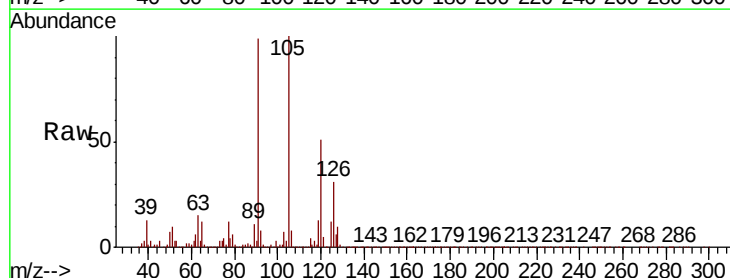
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

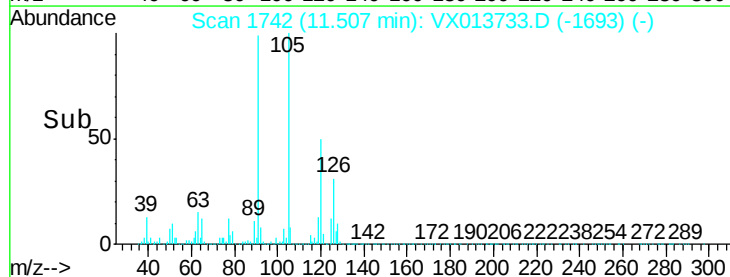
Tgt Ion: 91 Resp: 1184808

Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.7	47.0

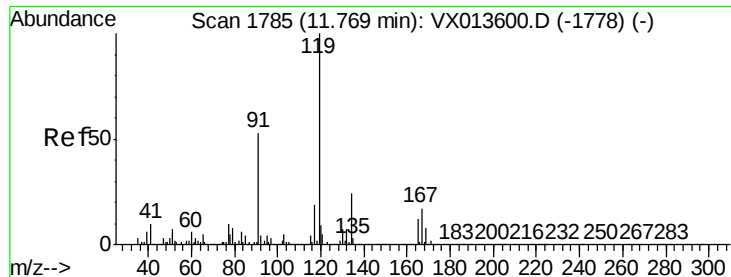


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#83

tert-Butylbenzene

Concen: 51.397 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

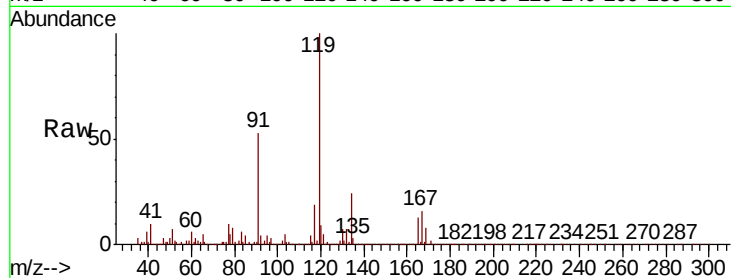
Tot Ion:119 Resp: 1342959

Ion Ratio Lower Upper

119 100

91 53.7 27.2 81.6

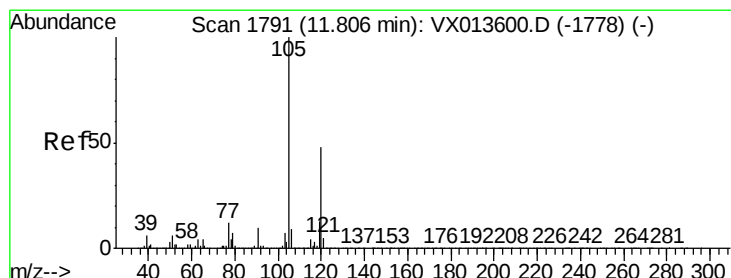
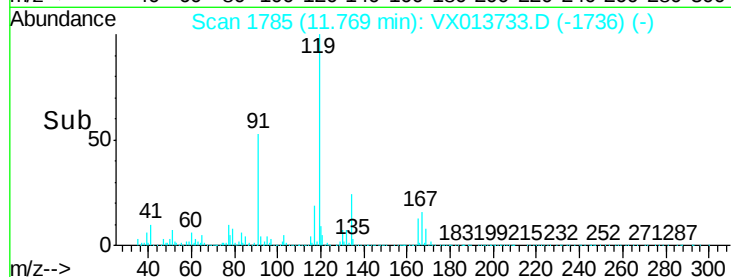
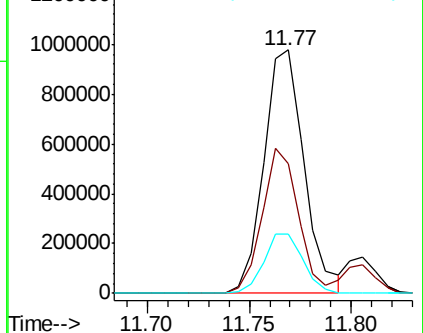
134 23.8 11.7 35.1



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: 53.861 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX013733.D

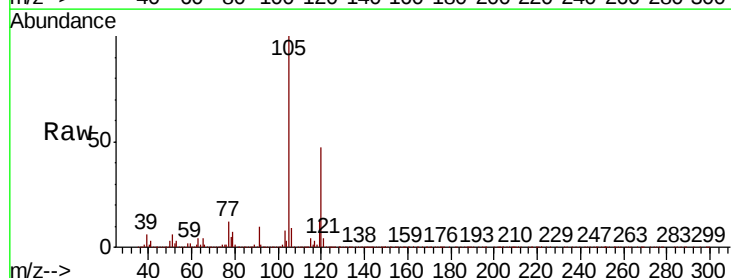
Acq: 03 Dec 2019 18:31

Tgt Ion:105 Resp: 1405433

Ion Ratio Lower Upper

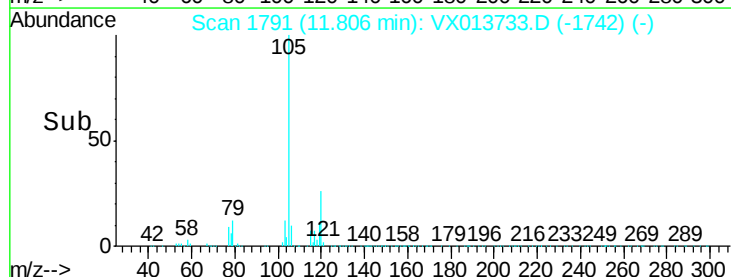
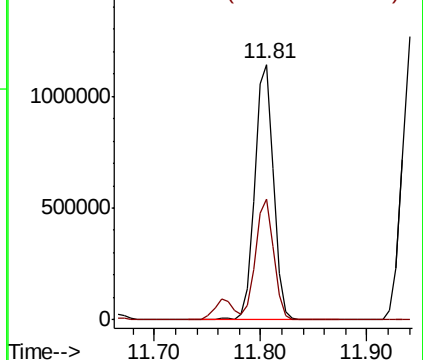
105 100

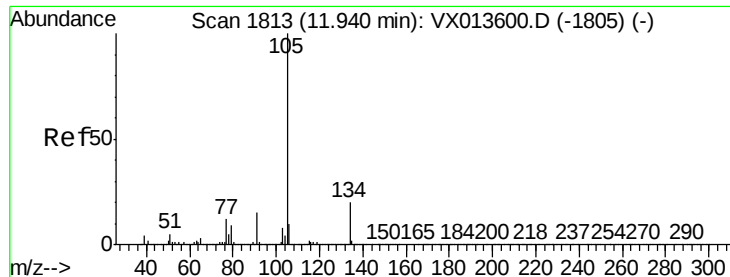
120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.635 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

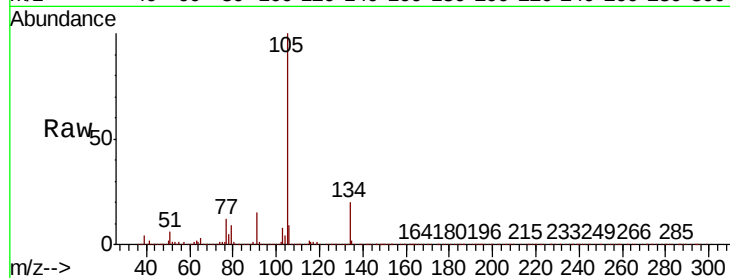
ClientSampleId :

Tot Ion:105 Resp: 1541069

Ion Ratio Lower Upper

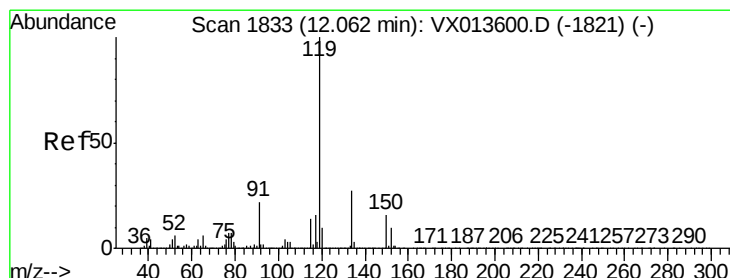
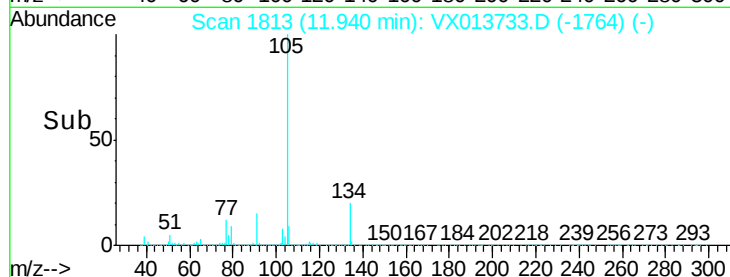
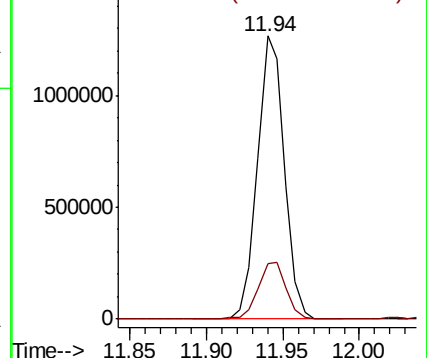
105 100

134 21.1 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.379 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

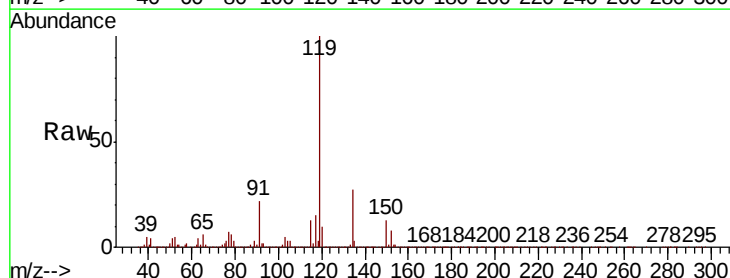
Tgt Ion:119 Resp: 1398766

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

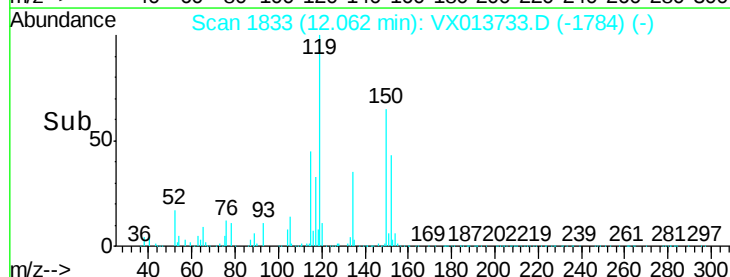
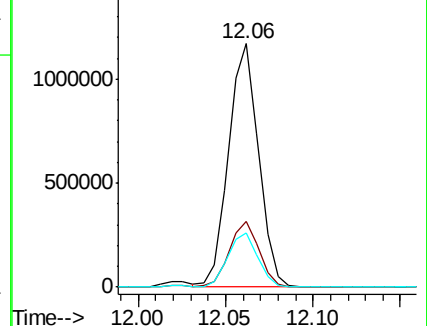
91 22.3 11.3 33.8

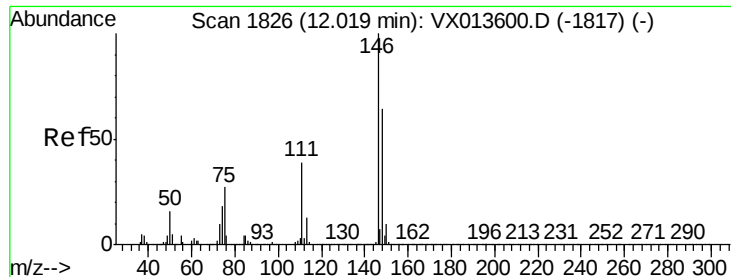


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.391 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

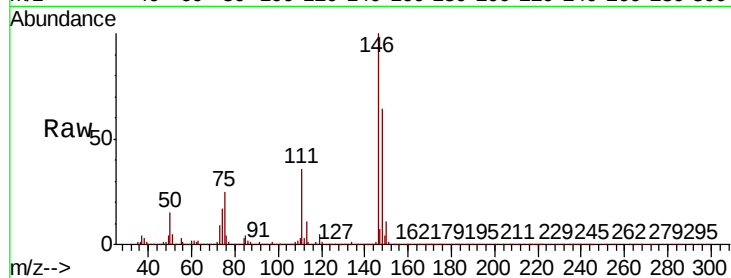
Tot Ion:146 Resp: 714869

Ion Ratio Lower Upper

146 100

111 37.7 19.0 57.0

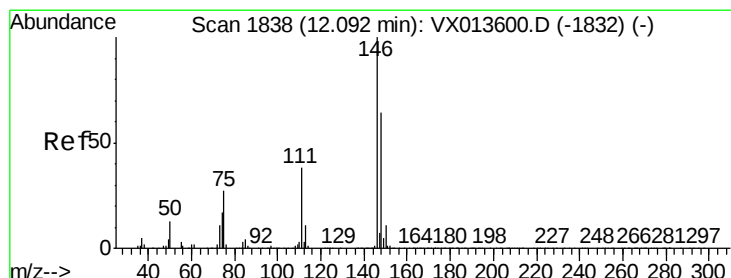
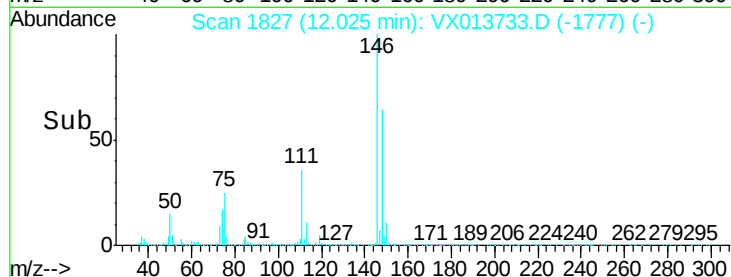
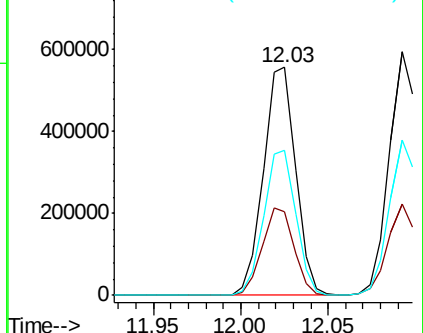
148 63.4 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.126 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

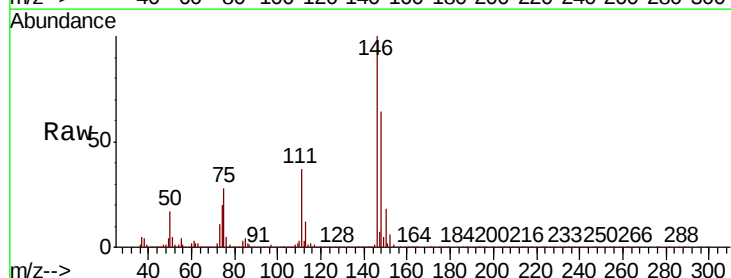
Tgt Ion:146 Resp: 709104

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.9

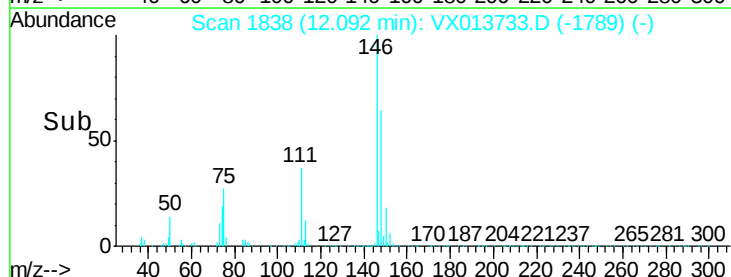
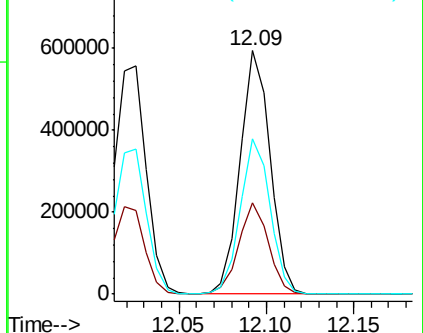
148 63.7 31.9 95.5

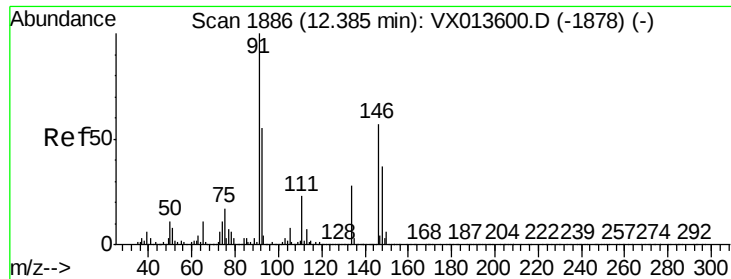


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

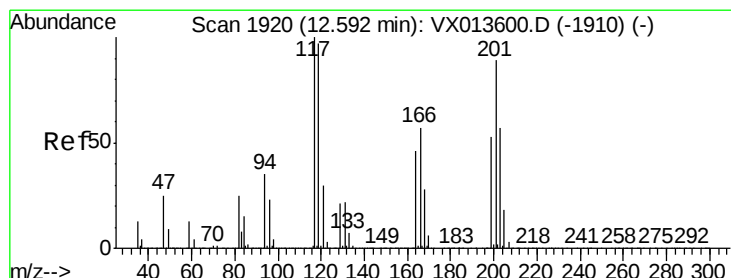
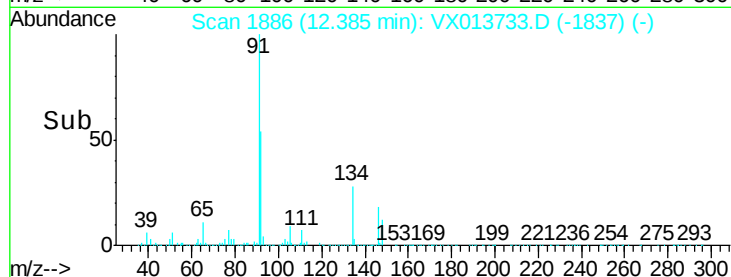
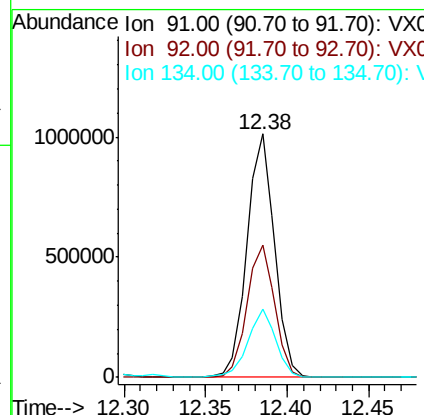
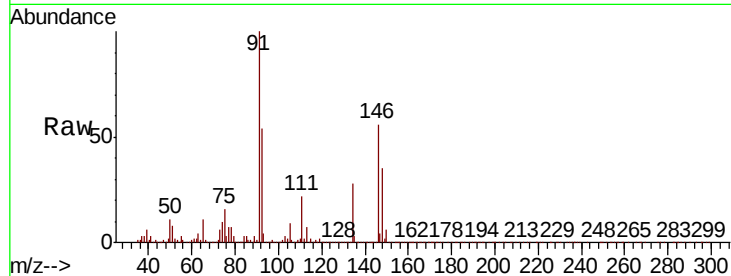




#89
n-Butylbenzene
Concen: 50.291 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

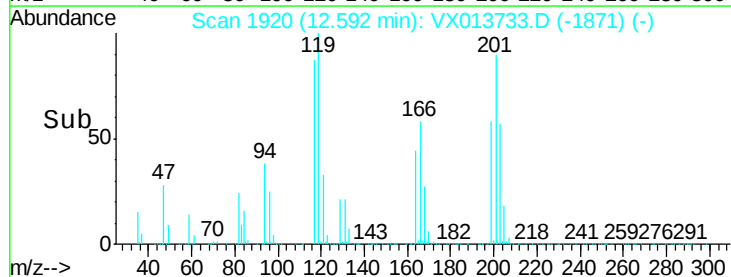
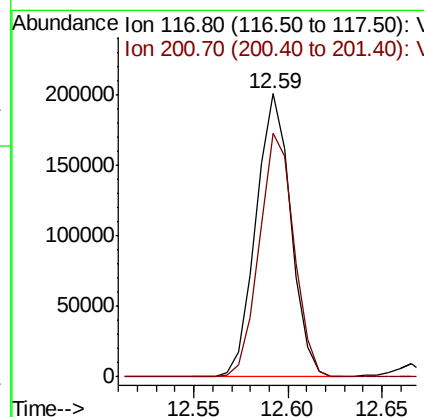
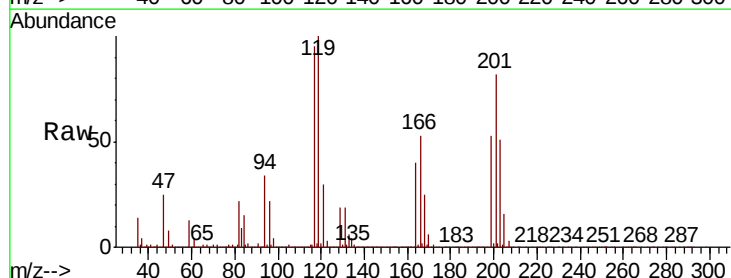
Instrument :
MSVOA_X
ClientSampled :

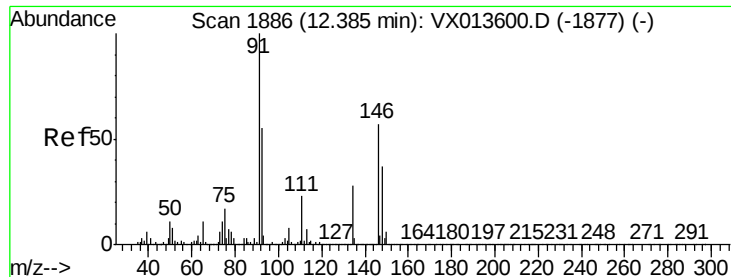
Tot Ion: 91 Resp: 1190939
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.2
134 28.5 13.5 40.4



#90
Hexachloroethane
Concen: 51.418 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 117 Resp: 258049
Ion Ratio Lower Upper
117 100
201 85.6 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 49.010 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

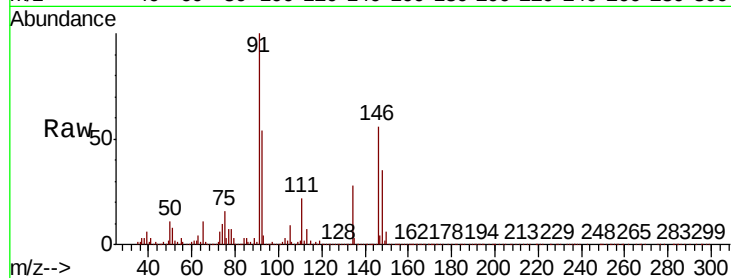
Tot Ion:146 Resp: 715355

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

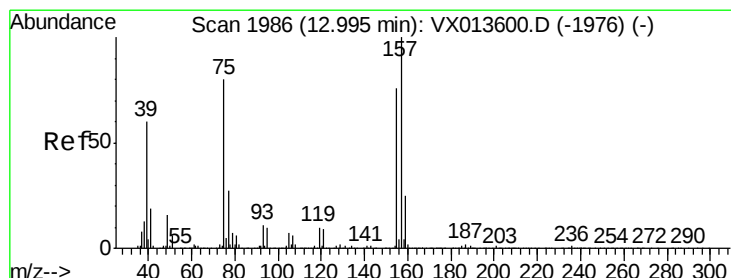
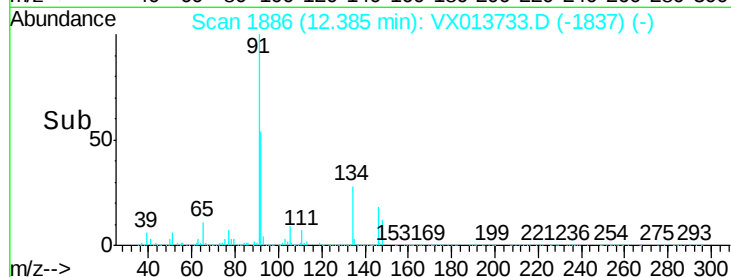
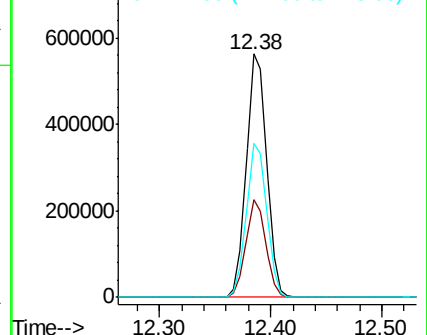
148 63.6 31.9 95.7



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: 50.213 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

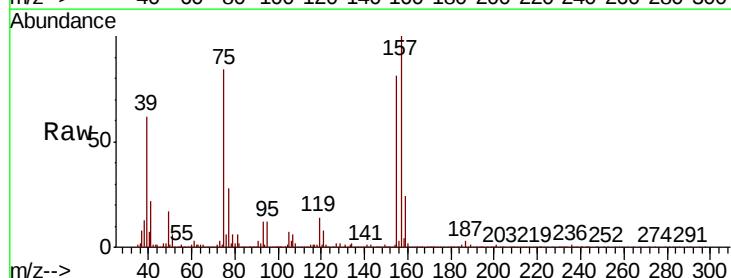
Tgt Ion: 75 Resp: 118958

Ion Ratio Lower Upper

75 100

155 99.0 47.6 142.8

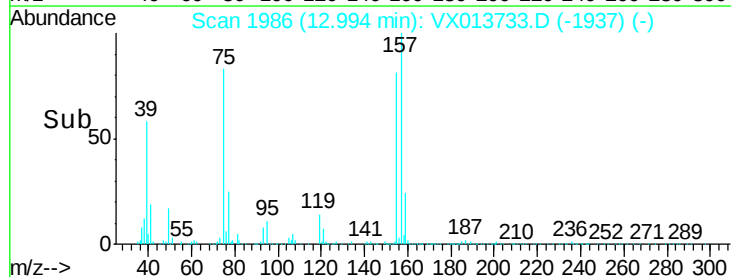
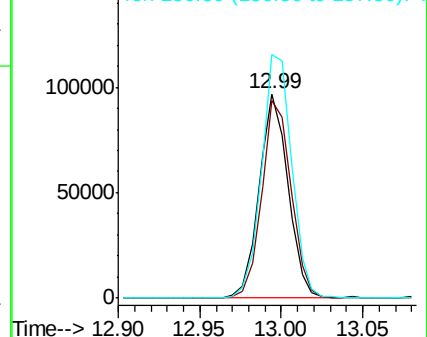
157 125.4 62.1 186.2

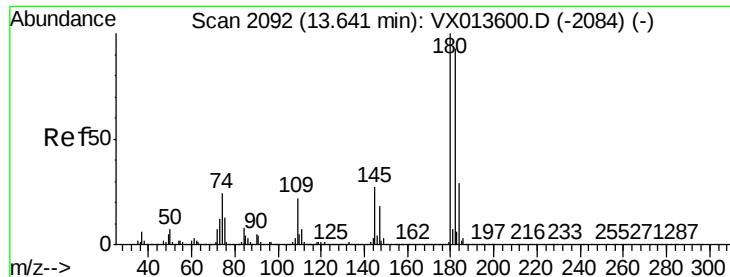


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

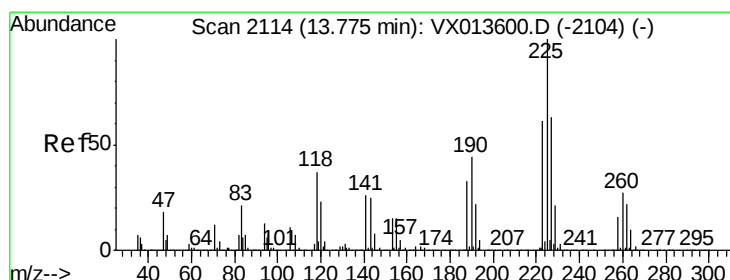
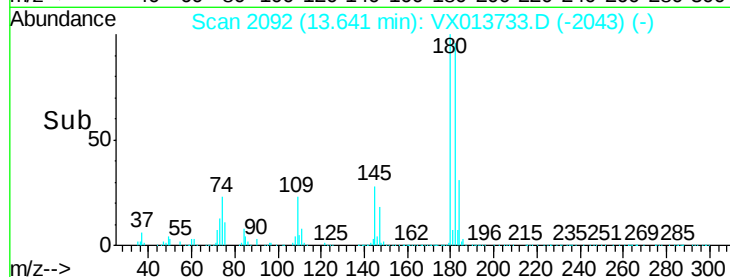
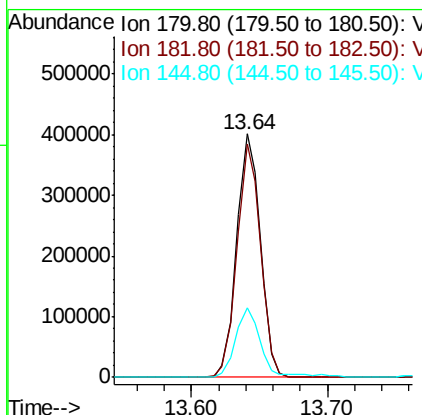
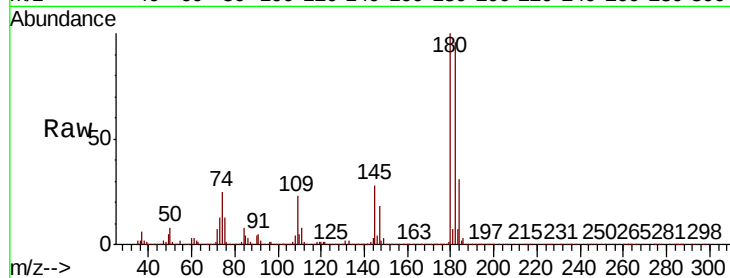




#93
 1,2,4-Trichlorobenzene
 Concen: 47.644 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

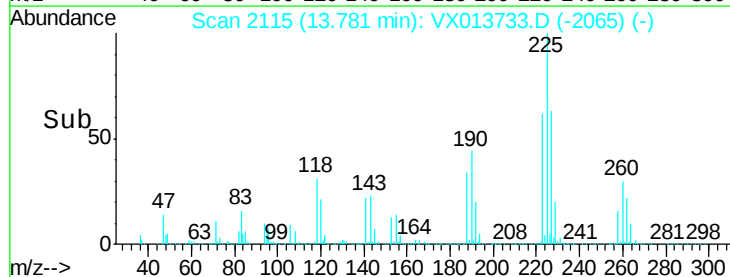
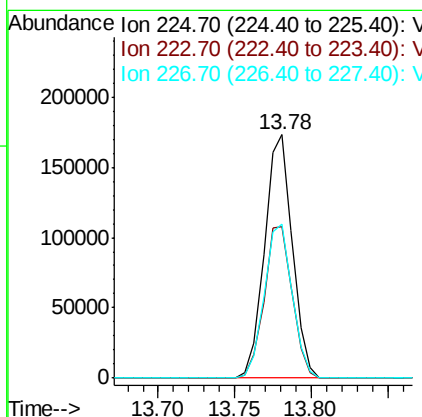
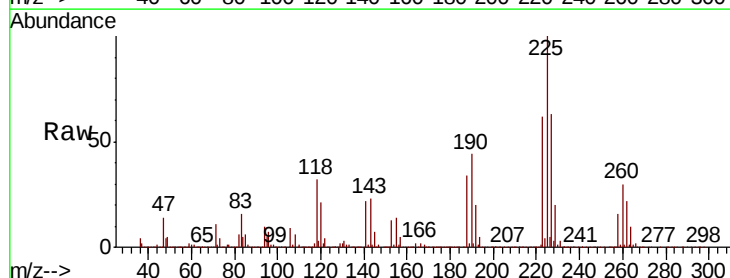
Instrument :
 MSVOA_X
 ClientSampled :

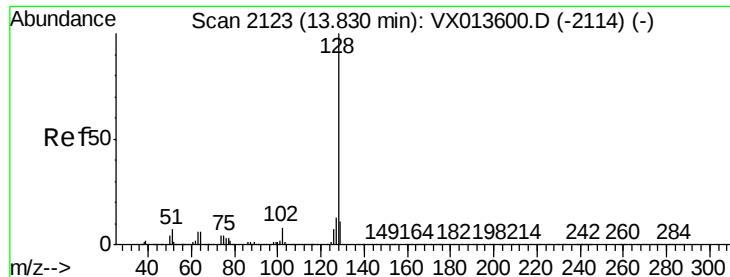
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.2	141.6
145	31.3	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 45.025 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.5
227	63.9	32.1	96.3

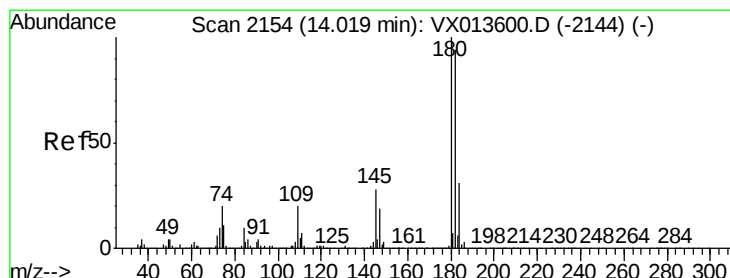
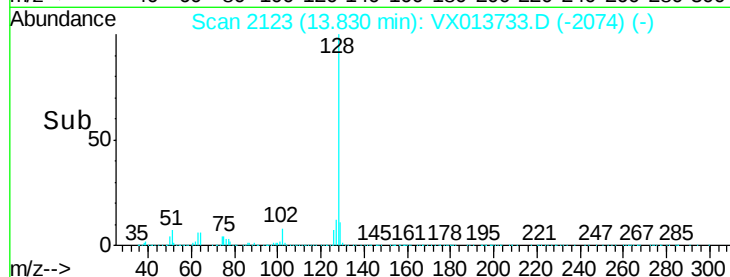
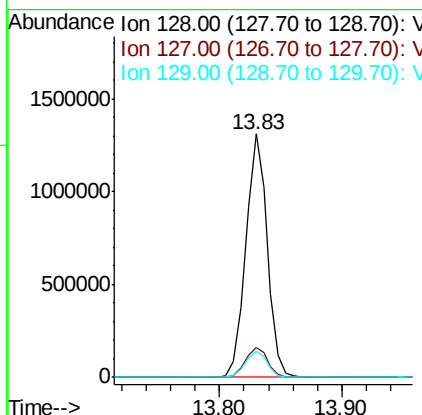
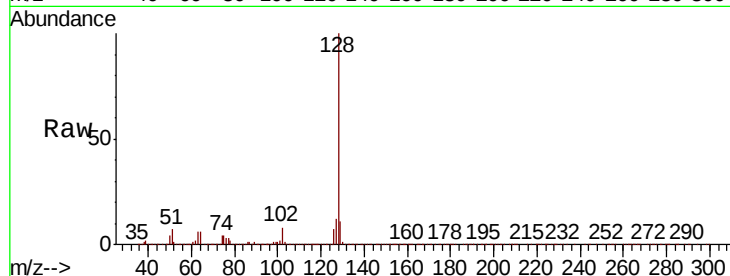




#95
Naphthalene
Concen: 52.177 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1580650
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: 48.432 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion:180 Resp: 487800
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.8
145 31.1 15.0 45.0

