

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\
 Data File : VX013885.D
 Acq On : 10 Dec 2019 09:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 12 08:21:10 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	574242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	887207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	808170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	403025	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	314527	47.19	ug/l	0.00
Spiked Amount						
			Recovery	=	94.38%	
35) Dibromofluoromethane	5.48	113	266058	48.51	ug/l	0.00
Spiked Amount						
			Recovery	=	97.02%	
50) Toluene-d8	8.71	98	995655	46.59	ug/l	0.00
Spiked Amount						
			Recovery	=	93.18%	
62) 4-Bromofluorobenzene	11.13	95	371716	48.24	ug/l	0.00
Spiked Amount						
			Recovery	=	96.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	290545	45.457	ug/l	97
3) Chloromethane	1.32	50	338117	47.145	ug/l	99
4) Vinyl Chloride	1.40	62	398635	49.384	ug/l	99
5) Bromomethane	1.63	94	242318	44.700	ug/l	95
6) Chloroethane	1.71	64	219631	47.814	ug/l	96
7) Trichlorofluoromethane	1.92	101	422742	47.164	ug/l	99
8) Diethyl Ether	2.18	74	195883	48.305	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	269341	49.195	ug/l	99
10) Methyl Iodide	2.50	142	326336	49.275	ug/l	99
11) Tert butyl alcohol	3.03	59	328866	199.882	ug/l	100
12) 1,1-Dichloroethene	2.36	96	273859	50.113	ug/l	96
13) Acrolein	2.28	56	249842	227.612	ug/l	99
14) Allyl chloride	2.72	41	453145	45.692	ug/l	99
15) Acrylonitrile	3.12	53	810201	238.562	ug/l	100
16) Acetone	2.43	43	715875	217.531	ug/l	99
17) Carbon Disulfide	2.56	76	658355	42.260	ug/l	99
18) Methyl Acetate	2.76	43	471723	51.476	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	896565	49.523	ug/l	99
20) Methylene Chloride	2.84	84	304088	48.097	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	283259	47.579	ug/l	100
22) Diisopropyl ether	3.84	45	958629	50.200	ug/l	97
23) Vinyl Acetate	3.79	43	3660401	230.415	ug/l	100
24) 1,1-Dichloroethane	3.69	63	518535	49.671	ug/l	98
25) 2-Butanone	4.65	43	1111652	227.289	ug/l	100
26) 2,2-Dichloropropane	4.57	77	259632	30.060	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	325978	47.679	ug/l	95
28) Bromochloromethane	5.00	49	222734	53.992	ug/l	97
29) Tetrahydrofuran	5.11	42	722555	239.645	ug/l	99
30) Chloroform	5.19	83	507974	47.980	ug/l	98
31) Cyclohexane	5.56	56	448699	45.570	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	426564	48.214	ug/l	100
36) 1,1-Dichloropropene	5.78	75	378692	47.021	ug/l	100
37) Ethyl Acetate	4.81	43	433952	48.031	ug/l	99
38) Carbon Tetrachloride	5.77	117	367662	49.509	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	440444	44.243	ug/l	98
40) Benzene	6.13	78	1161986	47.373	ug/l	99
41) Methacrylonitrile	5.02	41	249730	50.400	ug/l	99
42) 1,2-Dichloroethane	6.18	62	408116	48.787	ug/l	100
43) Isopropyl Acetate	6.43	43	711927	47.863	ug/l	100
44) Trichloroethene	7.20	130	321718	47.791	ug/l	97
45) 1,2-Dichloropropane	7.50	63	307592	50.121	ug/l	97
46) Dibromomethane	7.65	93	202000	48.463	ug/l	98
47) Bromodichloromethane	7.89	83	396547	50.326	ug/l	98
48) Methyl methacrylate	7.76	41	358592	49.618	ug/l	99
49) 1,4-Dioxane	7.73	88	131205	811.058	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2243309	239.764	ug/l	99
52) Toluene	8.78	92	739307	48.517	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	412406	45.982	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	458874	46.830	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	307324	50.047	ug/l	98
56) Ethyl methacrylate	9.17	69	484650	49.090	ug/l	100
57) 1,3-Dichloropropane	9.36	76	514027	48.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	939765	242.781	ug/l	100
59) 2-Hexanone	9.48	43	1700509	233.035	ug/l	99
60) Dibromochloromethane	9.57	129	324015	50.844	ug/l	99
61) 1,2-Dibromoethane	9.67	107	318875	48.620	ug/l	99
64) Tetrachloroethene	9.33	164	359860	59.710	ug/l	97
65) Chlorobenzene	10.13	112	798185	47.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	301329	50.011	ug/l	99
67) Ethyl Benzene	10.25	91	1408971	48.866	ug/l	98
68) m/p-Xylenes	10.35	106	1070292	96.956	ug/l	99
69) o-Xylene	10.70	106	520696	48.364	ug/l	99
70) Styrene	10.71	104	904594	49.948	ug/l	99
71) Bromoform	10.85	173	249507	50.047	ug/l #	100
73) Isopropylbenzene	11.01	105	1384557	48.975	ug/l	100
74) N-amyl acetate	10.89	43	642311	49.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	473118	48.257	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	516631	56.993	ug/l	90
77) Bromobenzene	11.25	156	362806	47.504	ug/l	99
78) n-propylbenzene	11.35	91	1569121	49.721	ug/l	100
79) 2-Chlorotoluene	11.42	91	926361	48.933	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1155038	49.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	132537	40.001	ug/l	99
82) 4-Chlorotoluene	11.51	91	1072025	48.892	ug/l	99
83) tert-Butylbenzene	11.76	119	1093351	46.431	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	1150781	48.937	ug/l	99
85) sec-Butylbenzene	11.94	105	1341959	49.893	ug/l	99
86) p-Isopropyltoluene	12.06	119	1222007	48.837	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	638054	47.926	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	641845	47.332	ug/l	99
89) n-Butylbenzene	12.38	91	1070908	50.180	ug/l	99
90) Hexachloroethane	12.59	117	228737	50.574	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	640980	48.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	100367	47.010	ug/l	99

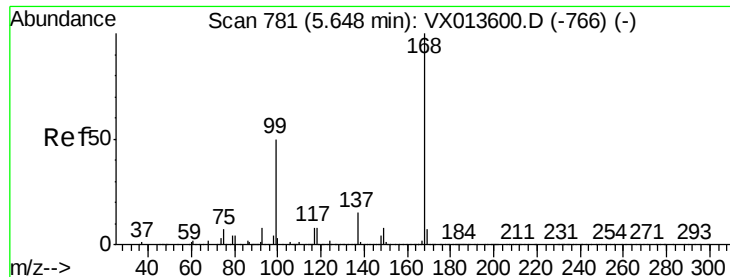
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	440430	48.043	ug/l	100
94) Hexachlorobutadiene	13.77	225	206791	46.957	ug/l	98
95) Naphthalene	13.83	128	1352409	49.537	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	437931	48.247	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

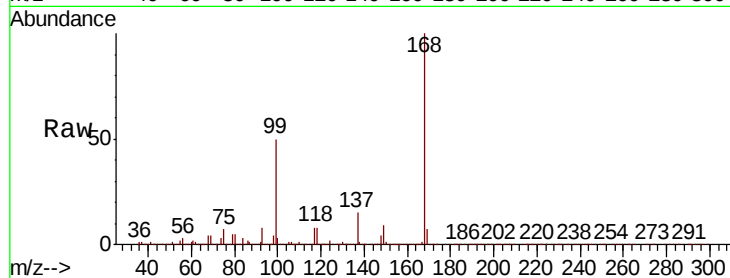
VSTDCCC050EC

Tot Ion:168 Resp: 574242

Ion Ratio Lower Upper

168 100

99 49.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

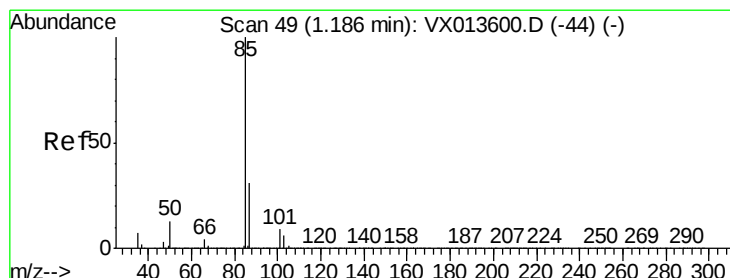
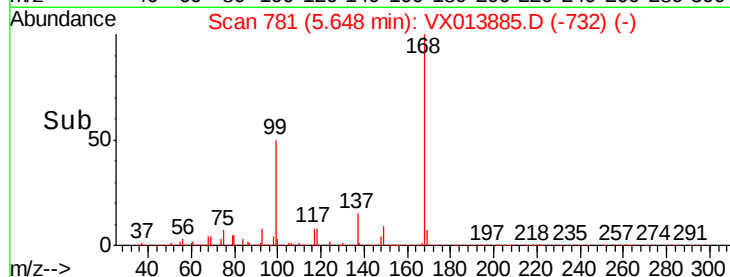
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.457 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013885.D

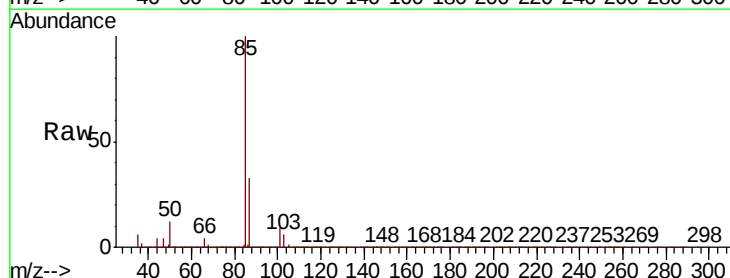
Acq: 10 Dec 2019 09:12

Tgt Ion: 85 Resp: 290545

Ion Ratio Lower Upper

85 100

87 33.1 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

300000

250000

200000

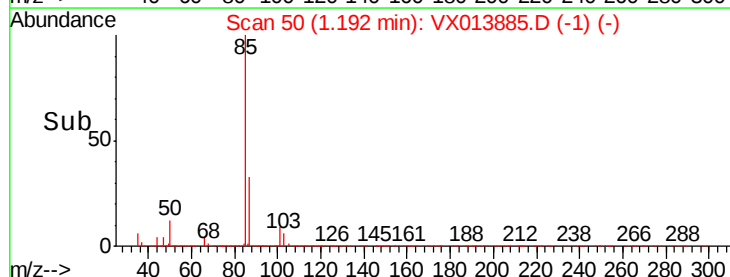
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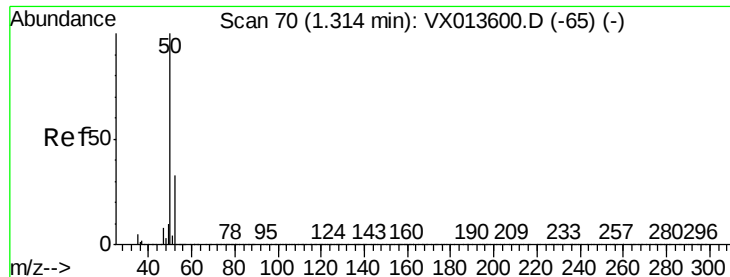
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.145 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

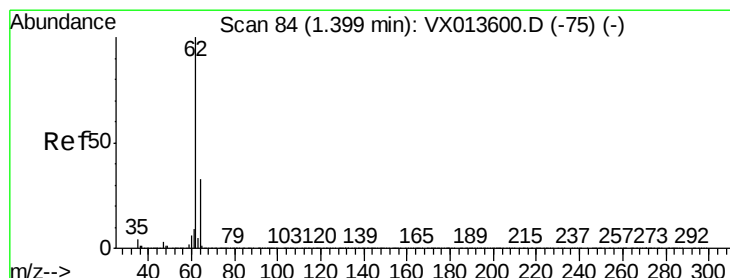
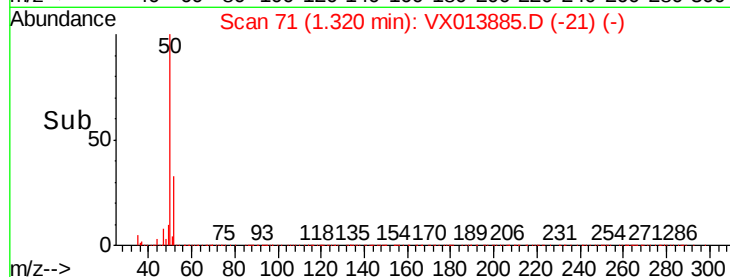
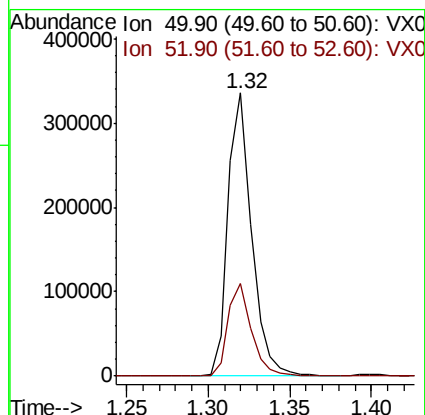
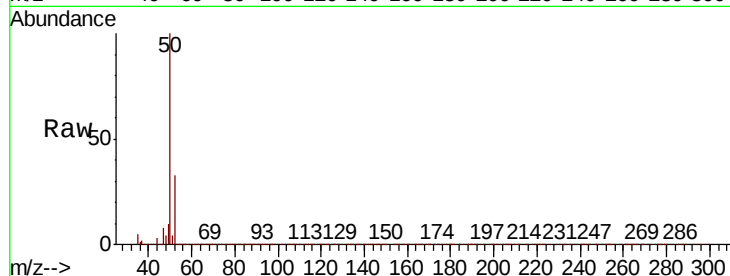
VSTDCCC050EC

Tot Ion: 50 Resp: 338117

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 49.384 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013885.D

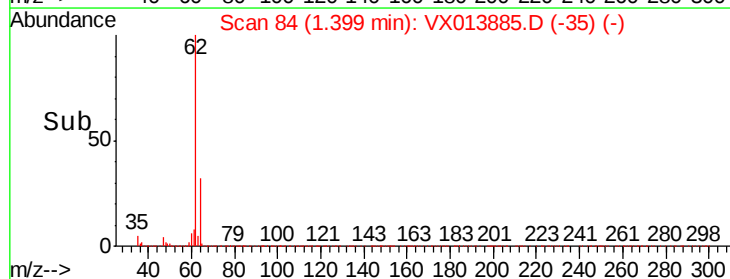
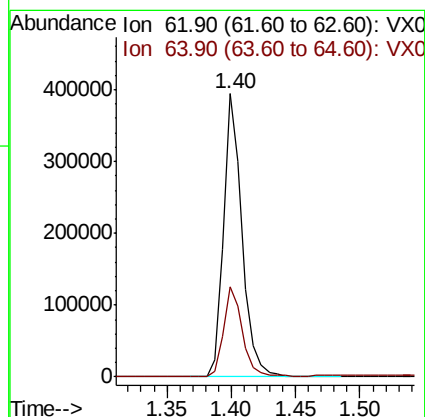
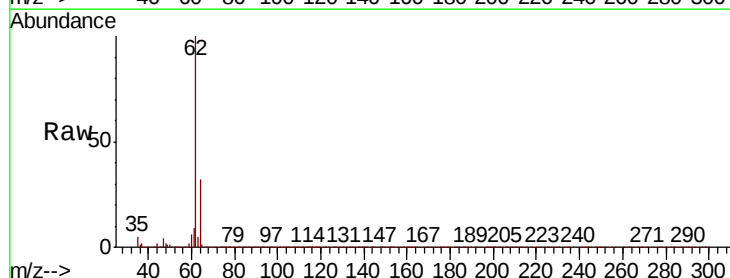
Acq: 10 Dec 2019 09:12

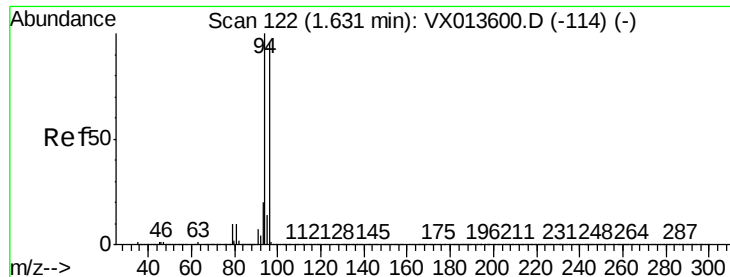
Tgt Ion: 62 Resp: 398635

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 44.700 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

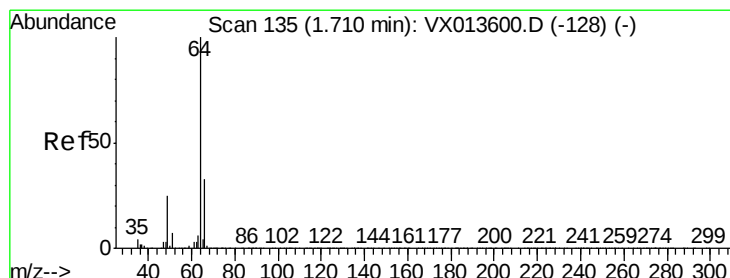
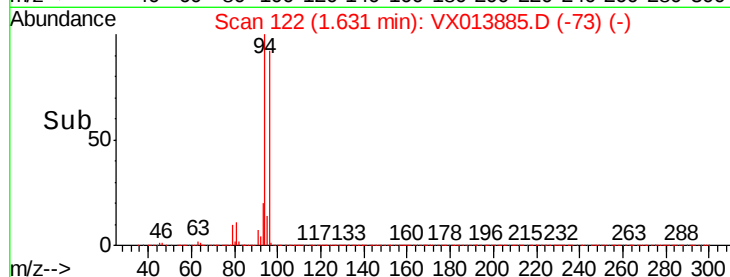
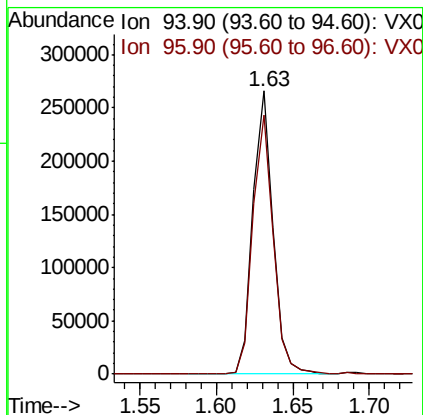
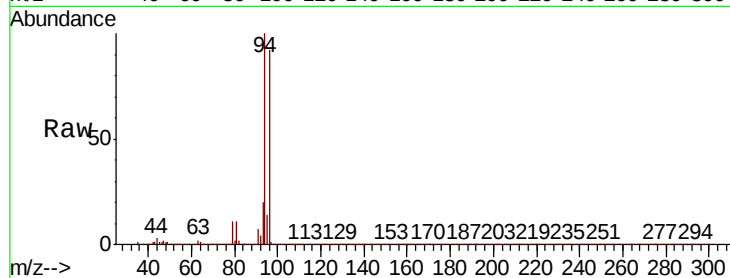
VSTDCCC050EC

Tot Ion: 94 Resp: 242318

Ion Ratio Lower Upper

94 100

96 91.6 77.0 115.4



#6

Chloroethane

Concen: 47.814 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013885.D

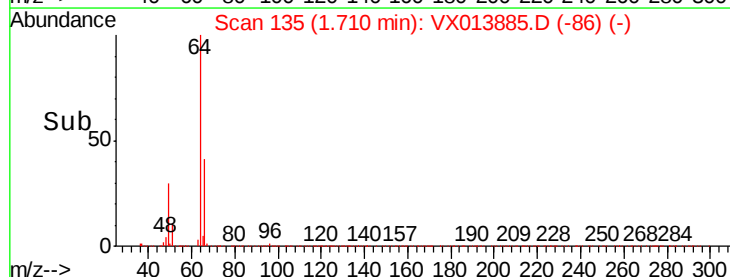
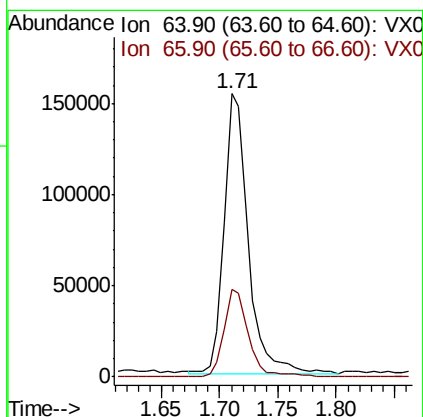
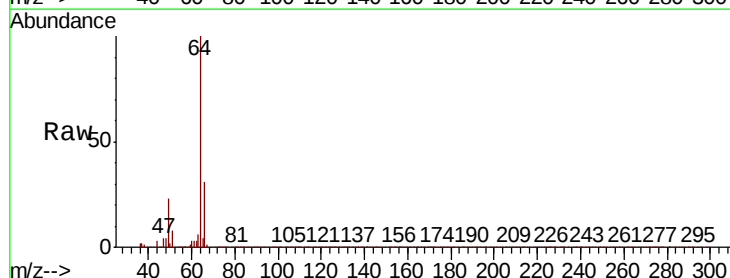
Acq: 10 Dec 2019 09:12

Tgt Ion: 64 Resp: 219631

Ion Ratio Lower Upper

64 100

66 30.9 26.7 40.1



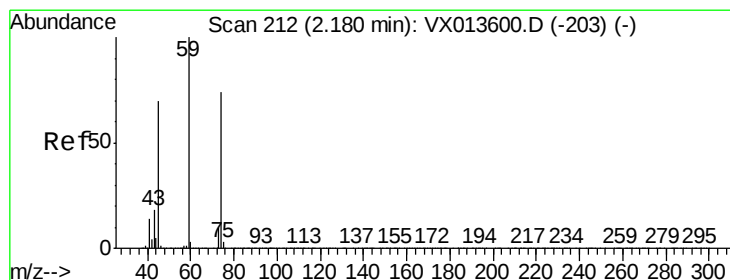
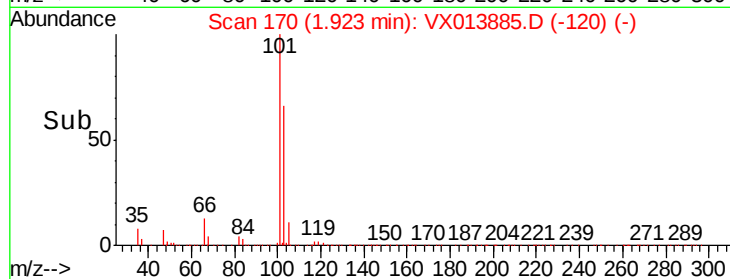
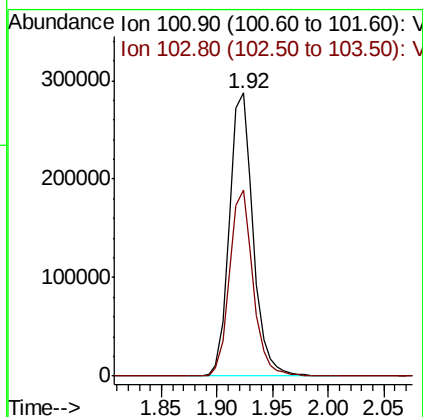
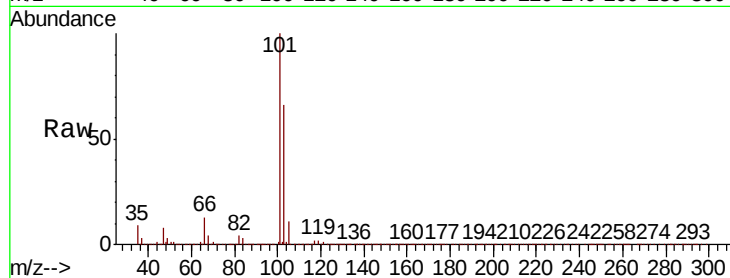


#7

Trichlorofluoromethane
Concen: 47.164 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
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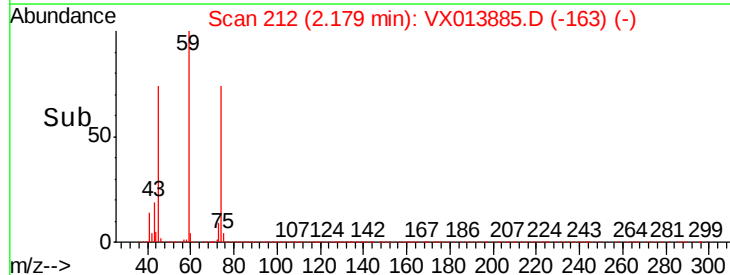
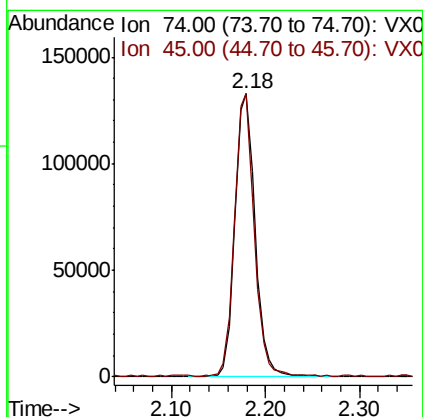
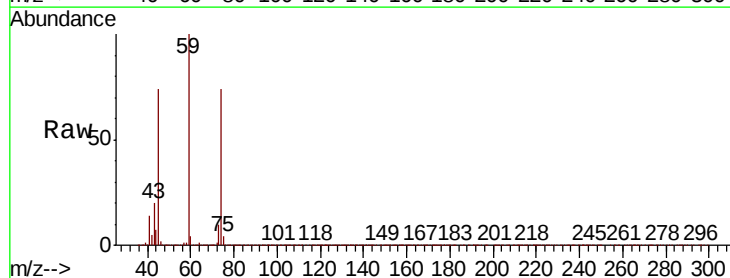
Tot Ion:101 Resp: 422742
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6

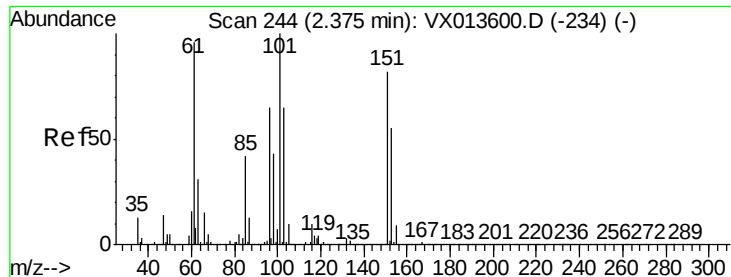


#8

Diethyl Ether
Concen: 48.305 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 74 Resp: 195883
Ion Ratio Lower Upper
74 100
45 97.4 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.195 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

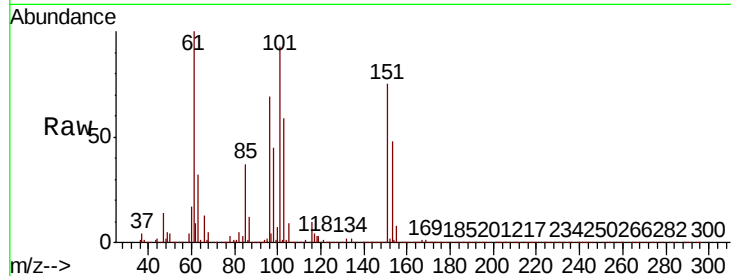
Tot Ion:101 Resp: 269341

Ion Ratio Lower Upper

101 100

85 41.0 33.9 50.9

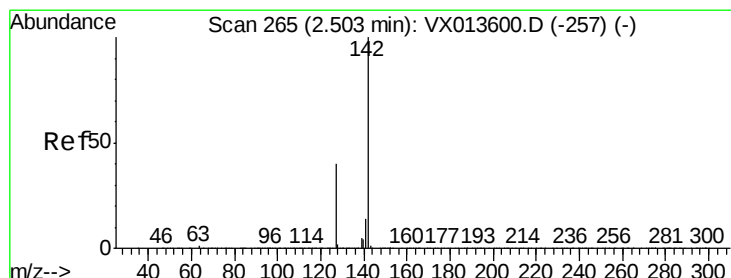
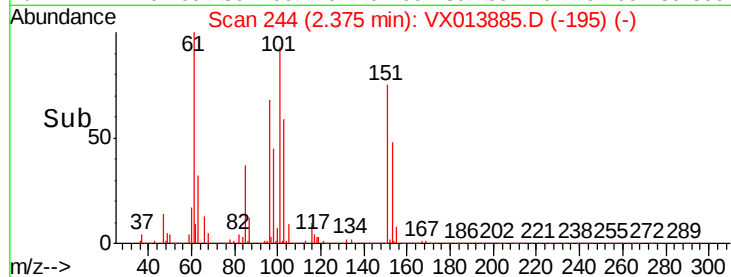
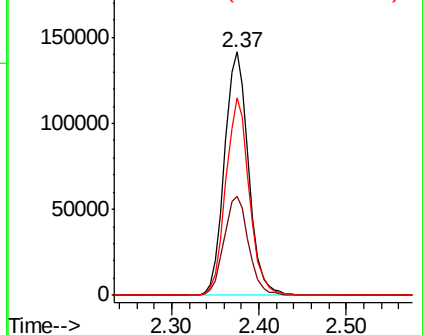
151 79.3 64.2 96.2



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: 49.275 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

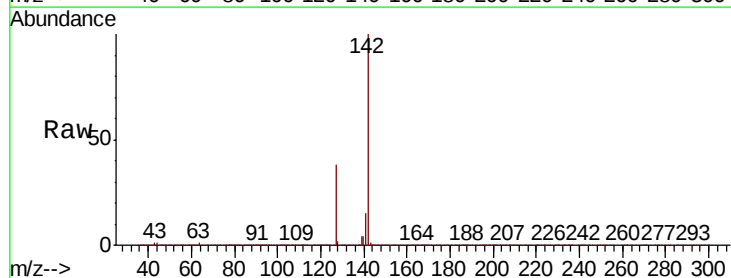
Tgt Ion:142 Resp: 326336

Ion Ratio Lower Upper

142 100

127 39.1 31.0 46.4

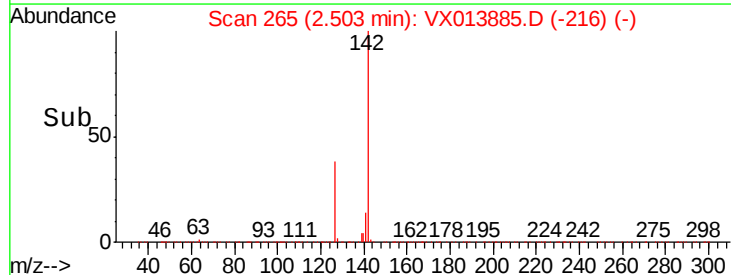
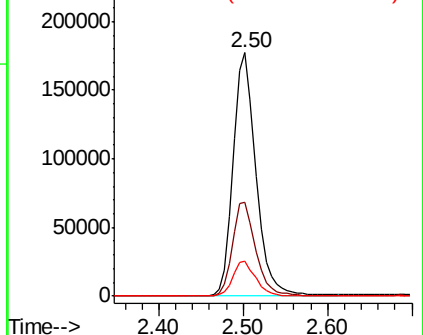
141 14.6 11.6 17.4



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



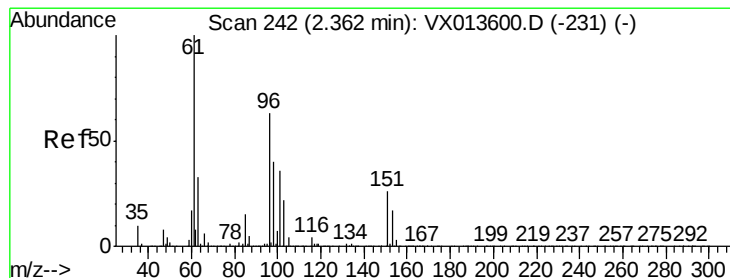
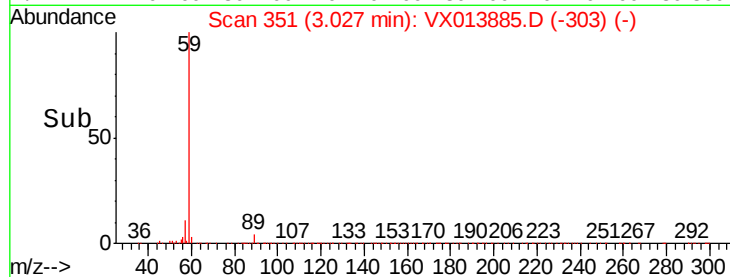
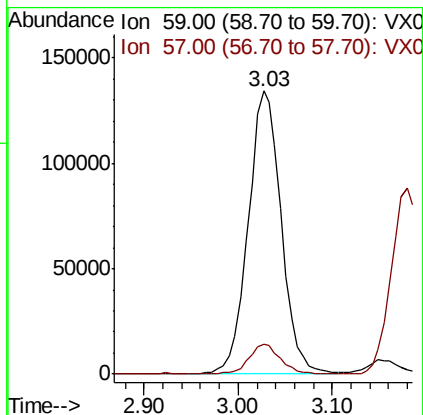
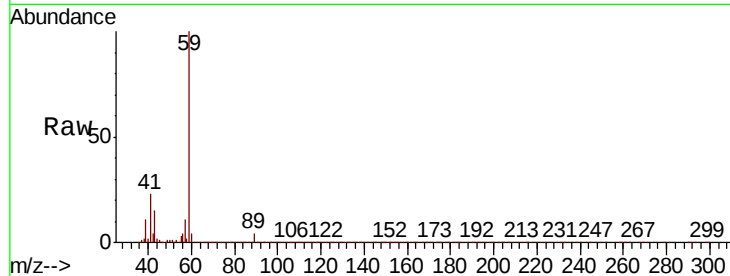


#11

Tert butyl alcohol
 Concen: 199.882 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

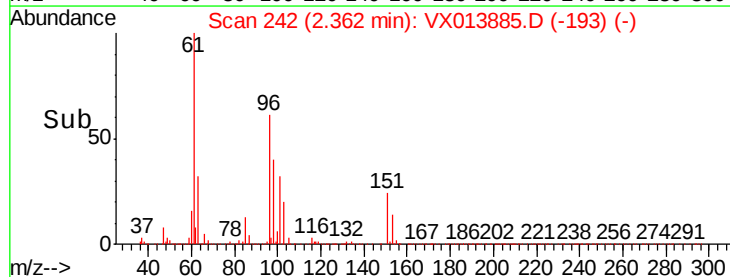
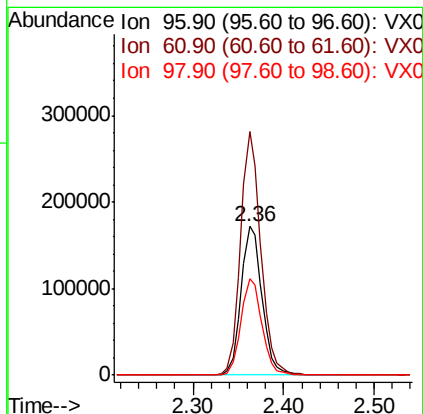
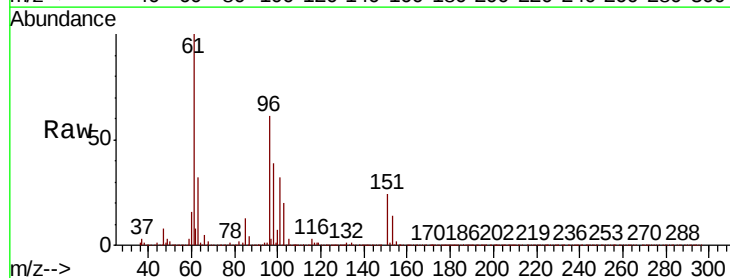
Tot Ion: 59 Resp: 328866
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.6

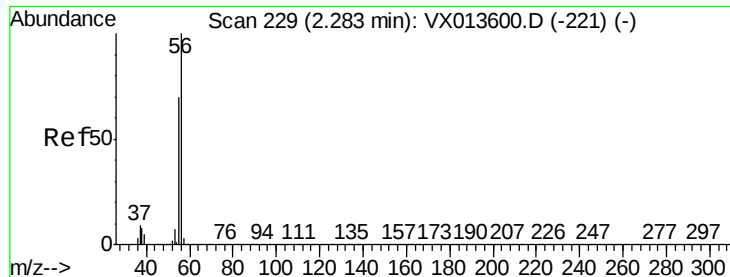


#12

1,1-Dichloroethene
 Concen: 50.113 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion: 96 Resp: 273859
 Ion Ratio Lower Upper
 96 100
 61 163.9 126.6 190.0
 98 64.6 50.6 76.0





#13

Acrolein

Concen: 227.612 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

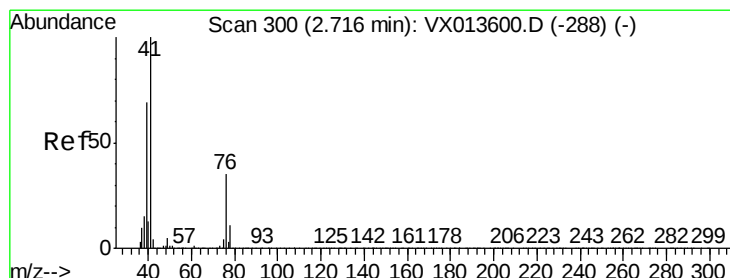
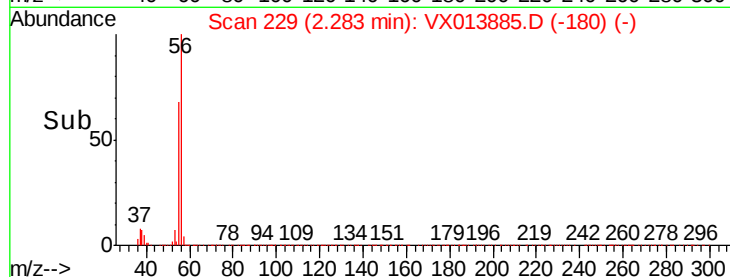
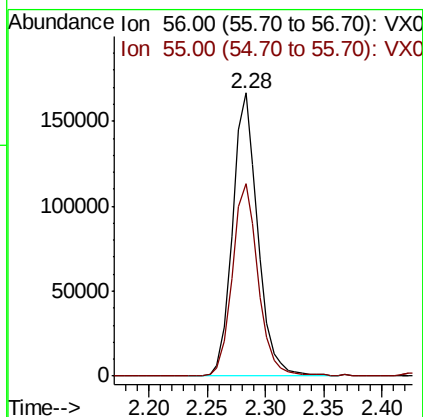
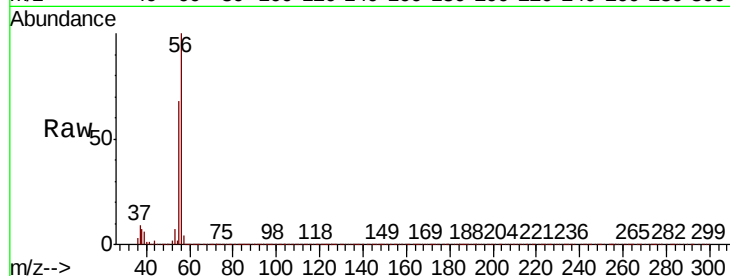
VSTDCCC050EC

Tot Ion: 56 Resp: 249842

Ion Ratio Lower Upper

56 100

55 69.5 56.2 84.4



#14

Allyl chloride

Concen: 45.692 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

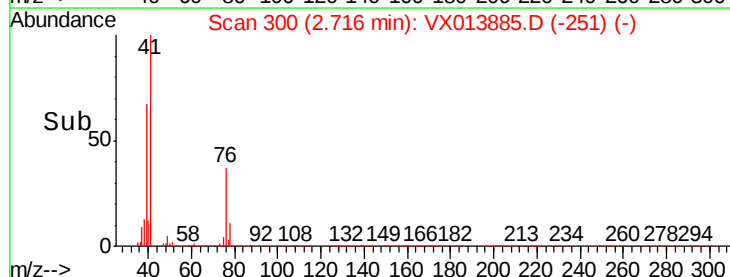
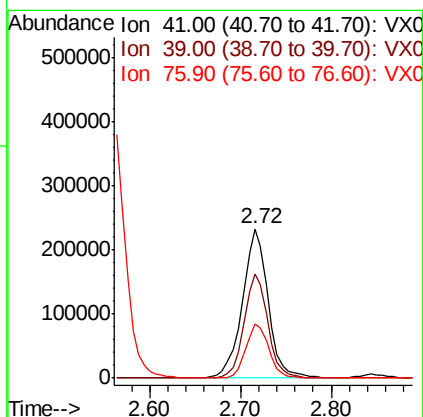
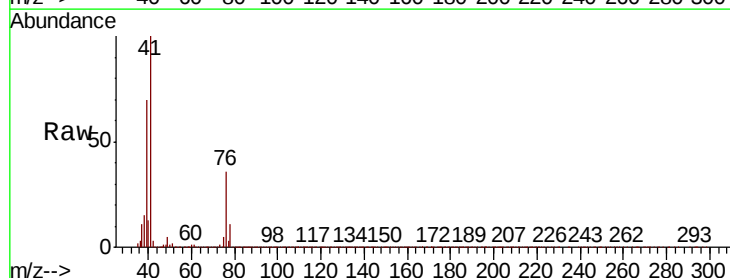
Tgt Ion: 41 Resp: 453145

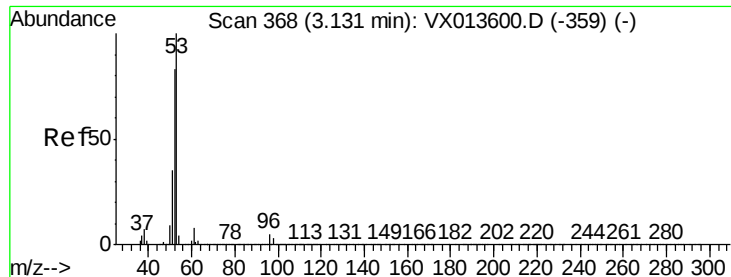
Ion Ratio Lower Upper

41 100

39 65.2 51.7 77.5

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 238.562 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

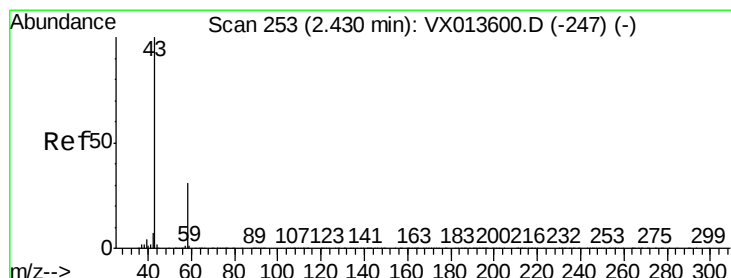
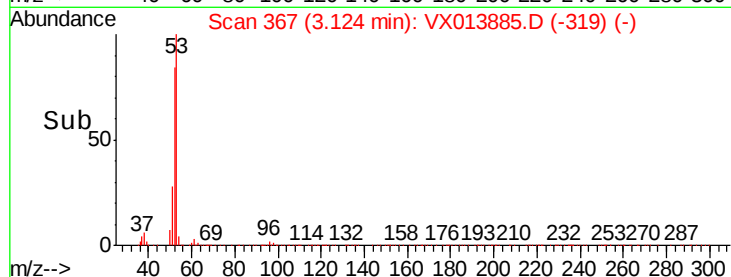
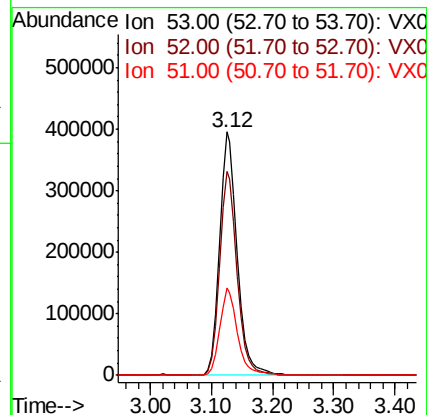
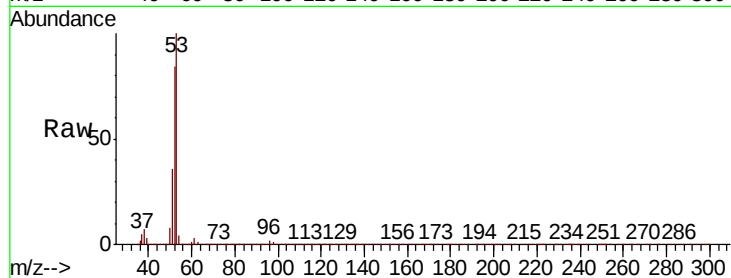
Tot Ion: 53 Resp: 810201

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

51 35.9 29.0 43.6



#16

Acetone

Concen: 217.531 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013885.D

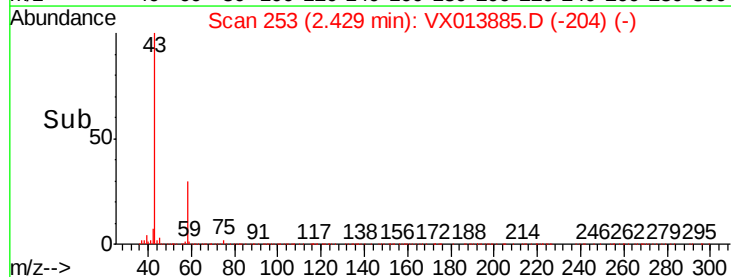
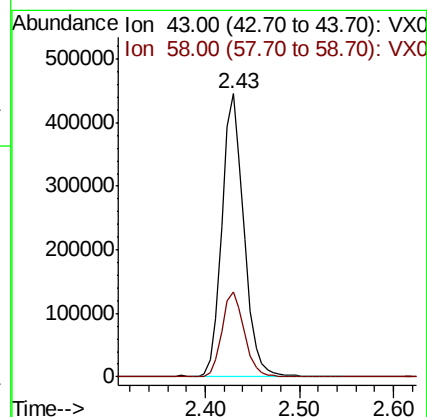
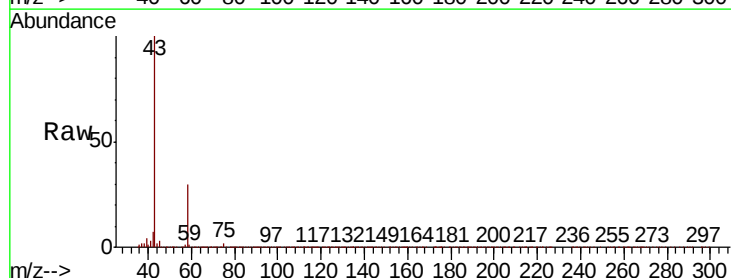
Acq: 10 Dec 2019 09:12

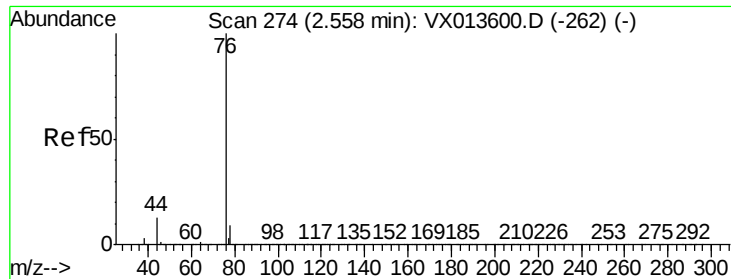
Tgt Ion: 43 Resp: 715875

Ion Ratio Lower Upper

43 100

58 30.1 24.6 36.8

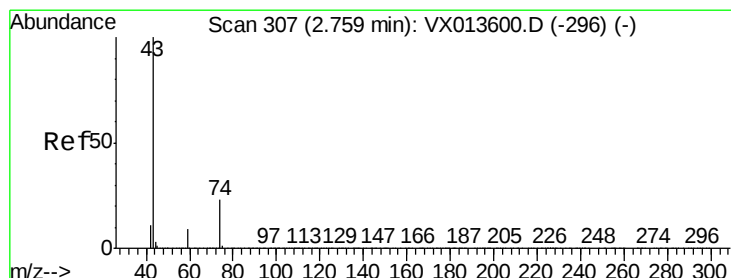
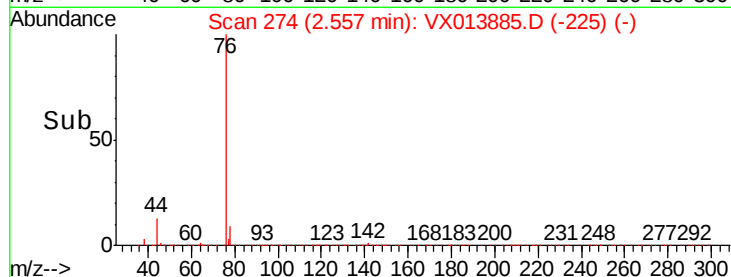
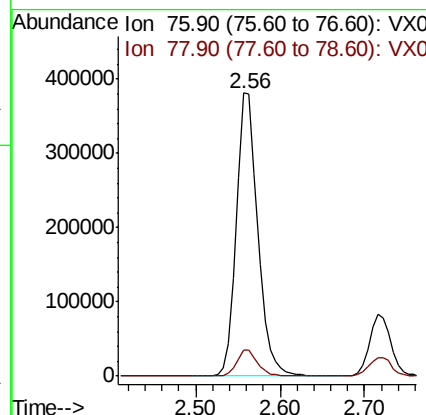
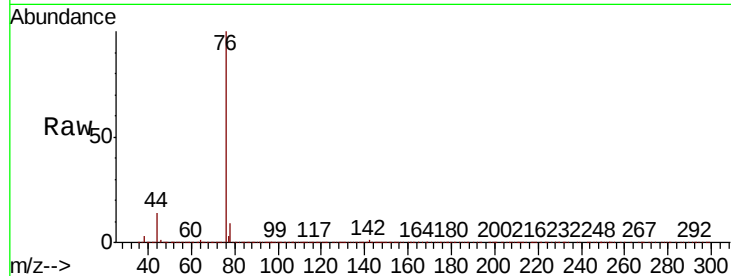




#17
Carbon Disulfide
Concen: 42.260 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

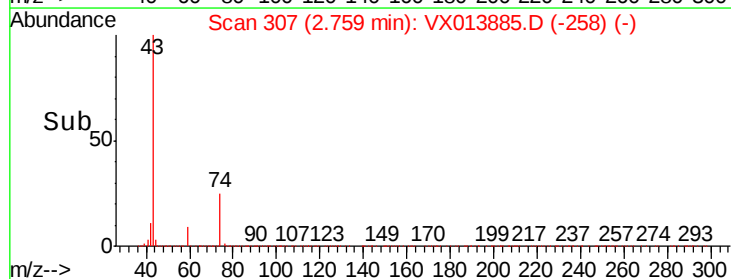
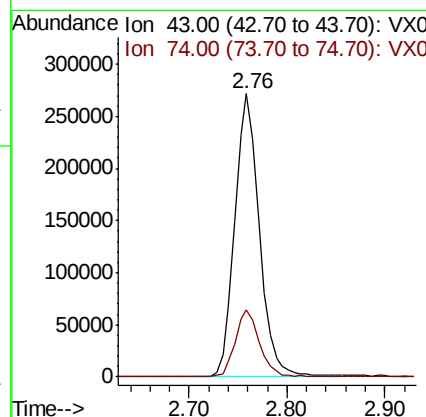
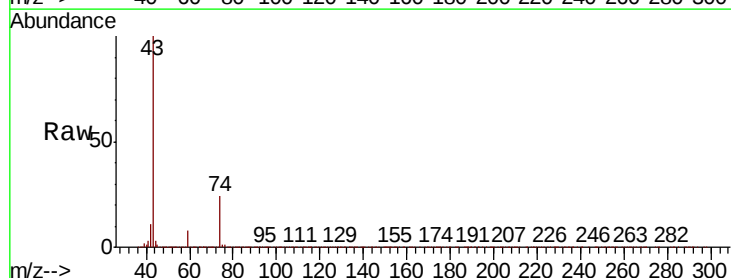
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 658355
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 51.476 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 43 Resp: 471723
Ion Ratio Lower Upper
43 100
74 23.4 19.5 29.3

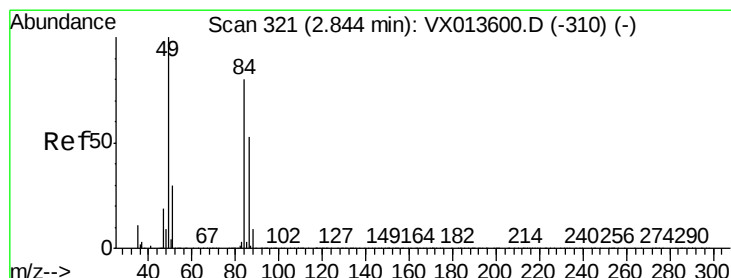
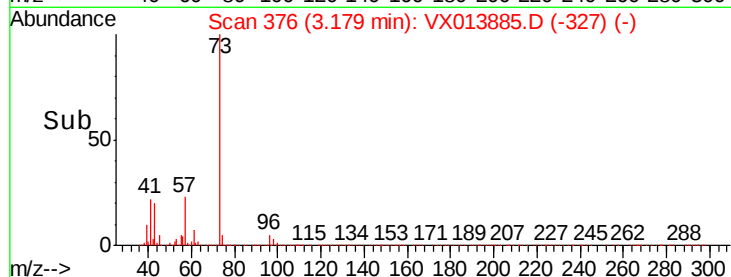
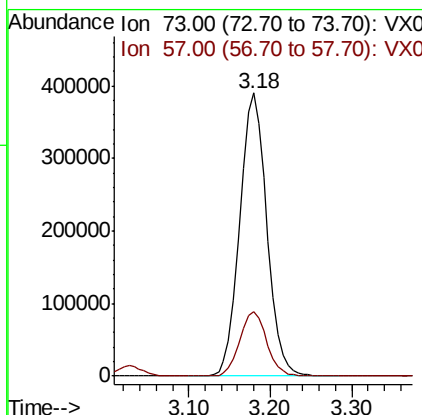
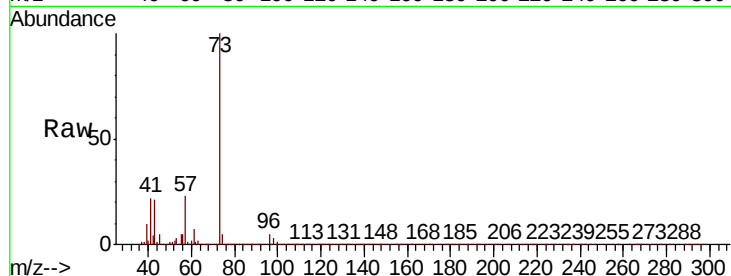




#19
Methyl tert-butyl Ether
Concen: 49.523 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

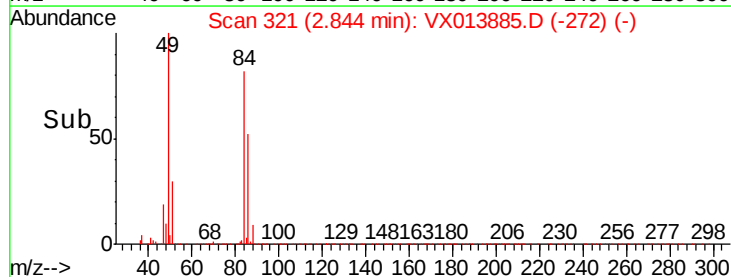
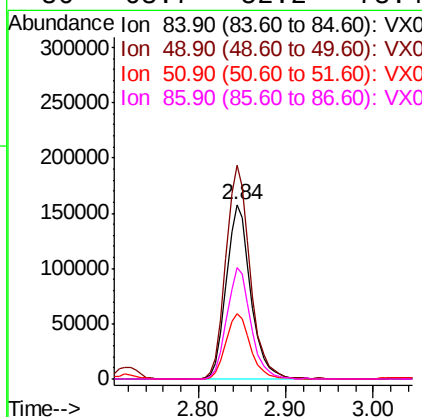
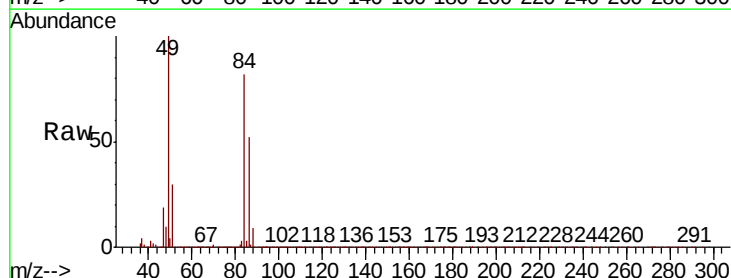
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

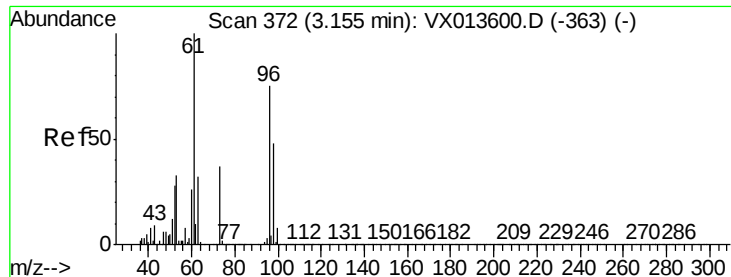
Tot Ion: 73 Resp: 896565
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 48.097 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 84 Resp: 304088
Ion Ratio Lower Upper
84 100
49 122.3 99.7 149.5
51 37.2 29.9 44.9
86 63.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.579 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

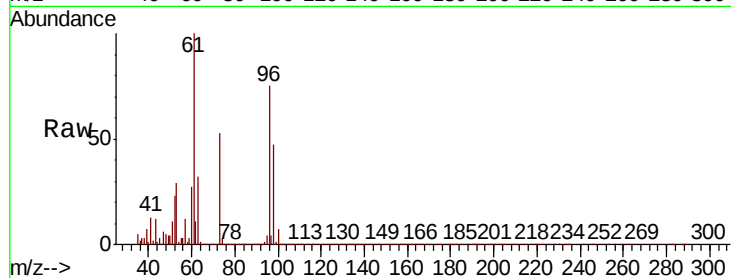
Tot Ion: 96 Resp: 283259

Ion Ratio Lower Upper

96 100

61 134.0 107.2 160.8

98 63.2 51.4 77.0

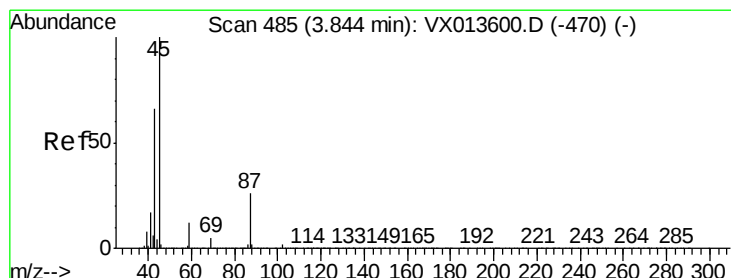
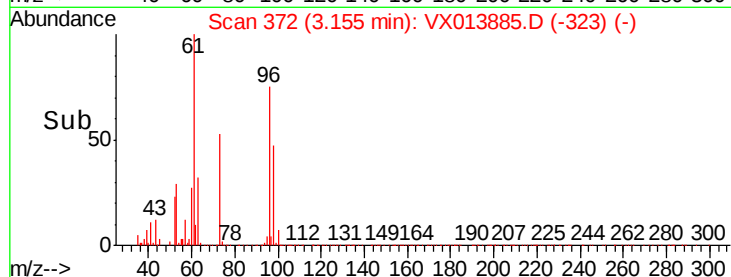
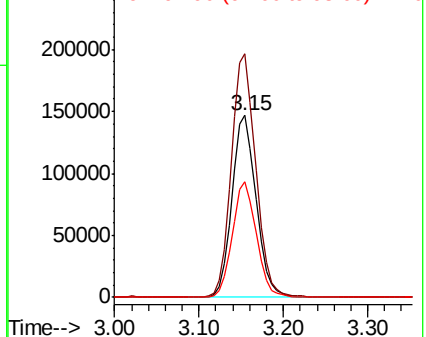


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.200 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion: 45 Resp: 958629

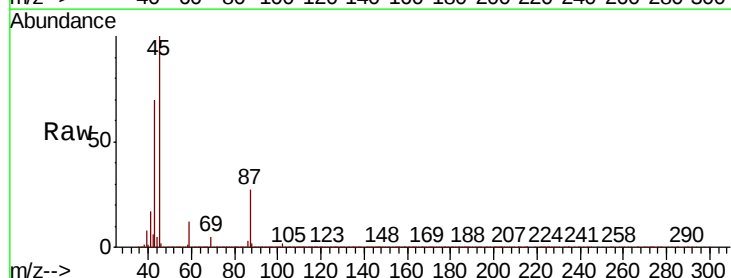
Ion Ratio Lower Upper

45 100

43 69.3 52.6 79.0

87 27.0 21.1 31.7

59 11.7 9.2 13.8



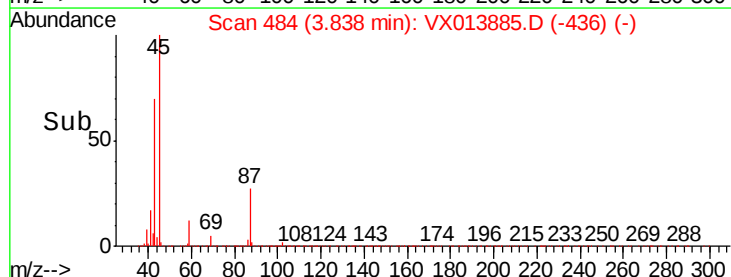
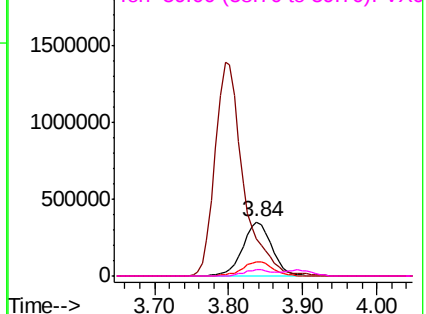
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 230.415 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

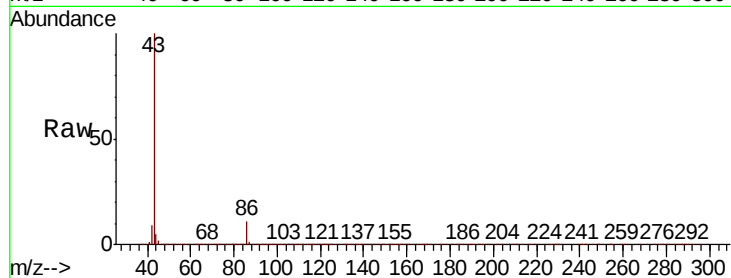
VSTDCCC050EC

Tot Ion: 43 Resp: 3660401

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

1000000

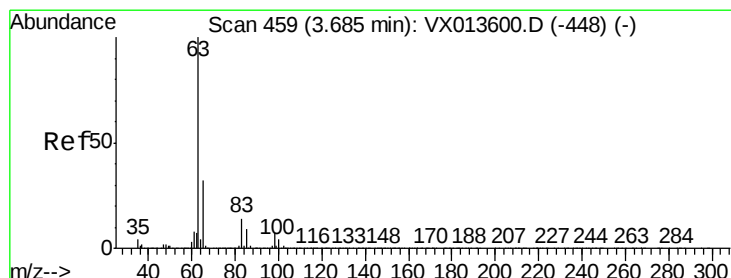
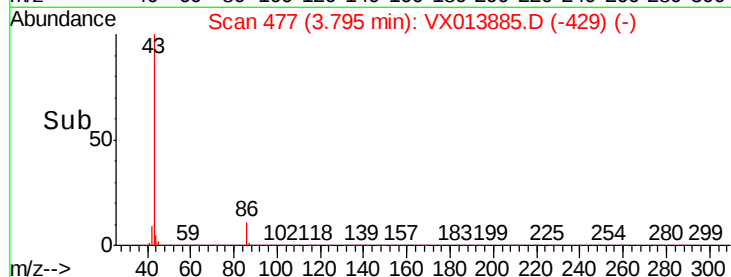
500000

0

3.79

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.671 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

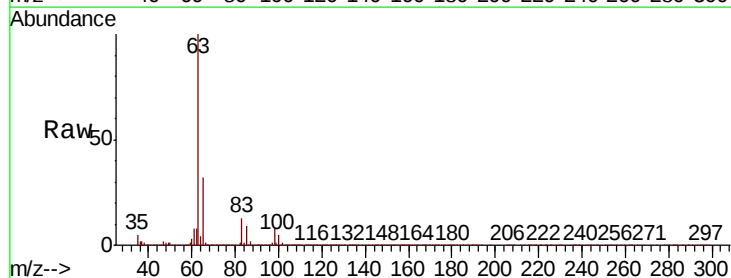
Tgt Ion: 63 Resp: 518535

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

100000

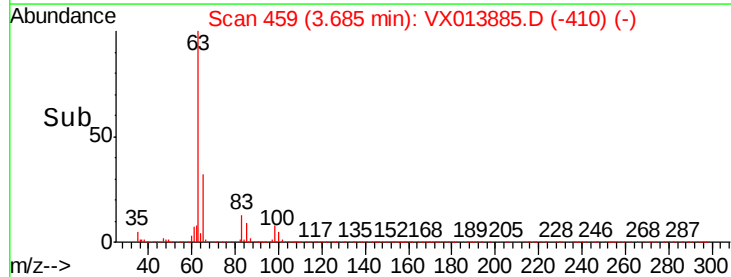
50000

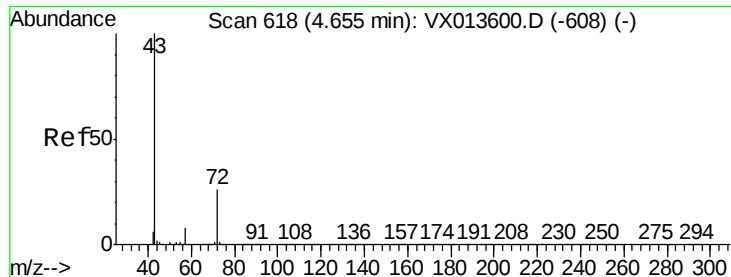
0

3.69

3.60 3.70 3.80

Time-->

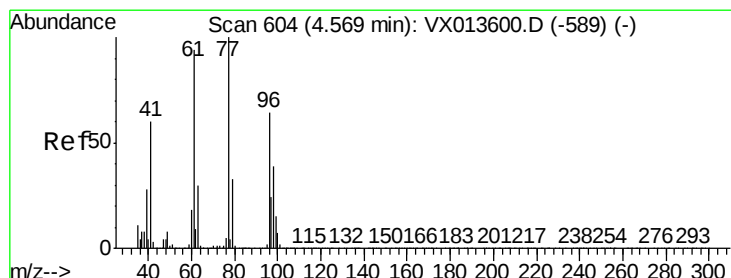
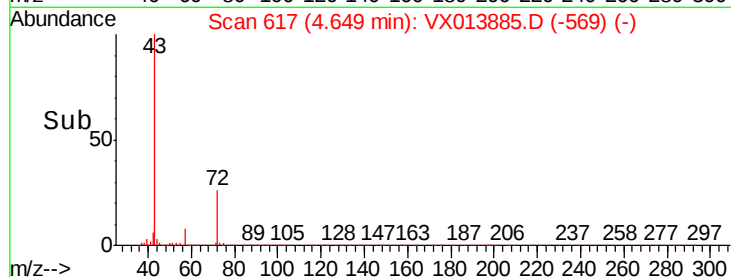
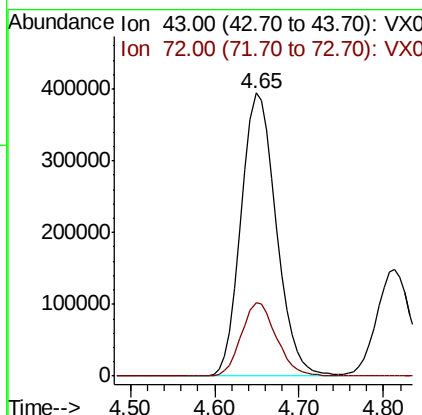
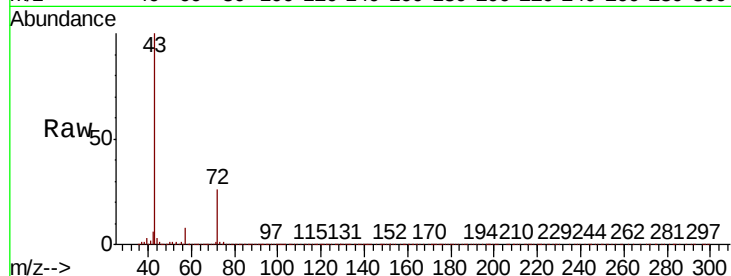




#25
2-Butanone
Concen: 227.289 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

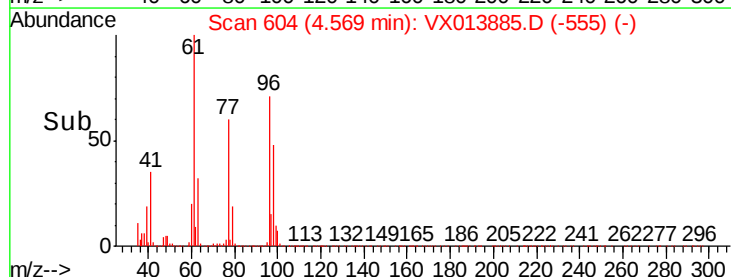
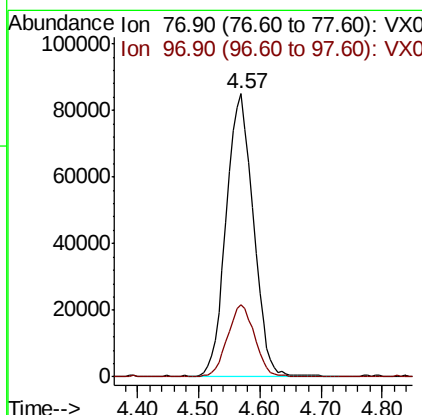
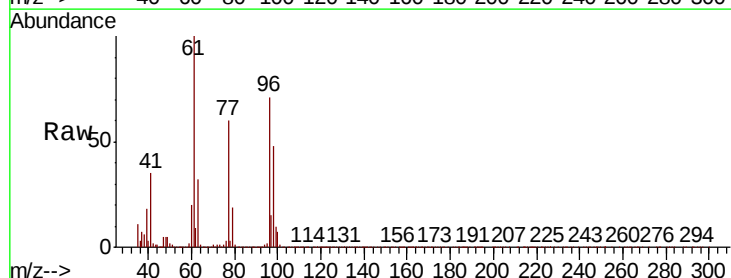
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

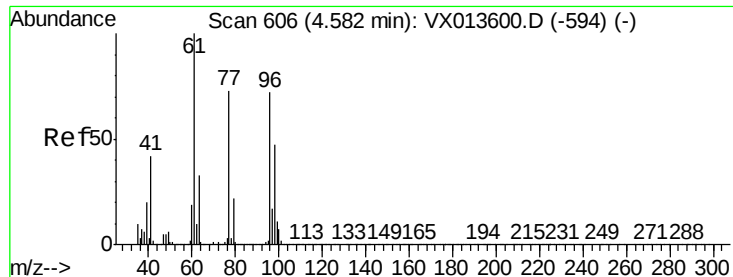
Tot Ion: 43 Resp: 1111652
Ion Ratio Lower Upper
43 100
72 25.9 20.6 31.0



#26
2,2-Dichloropropane
Concen: 30.060 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 77 Resp: 259632
Ion Ratio Lower Upper
77 100
97 25.4 12.0 36.1



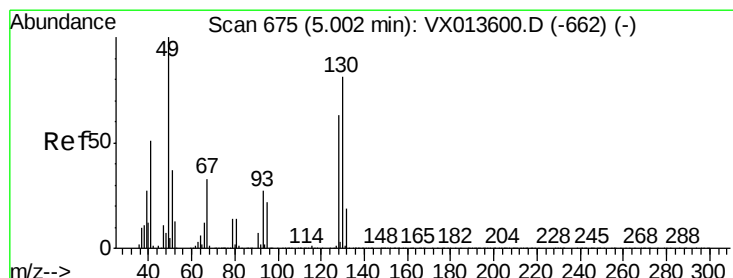
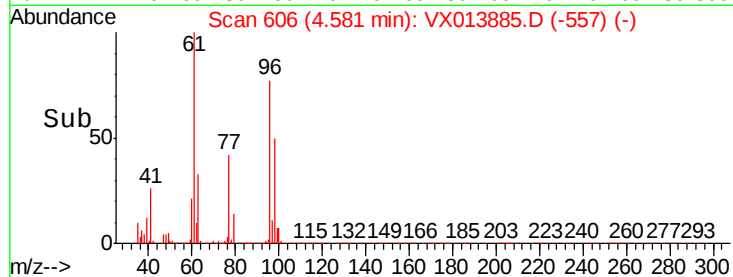
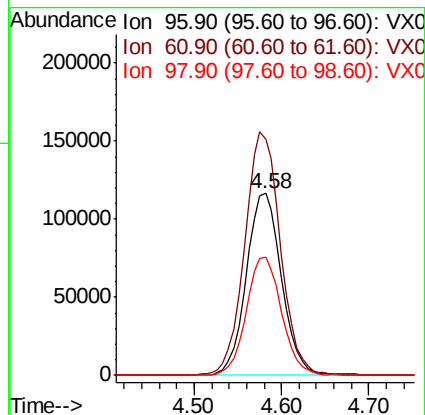
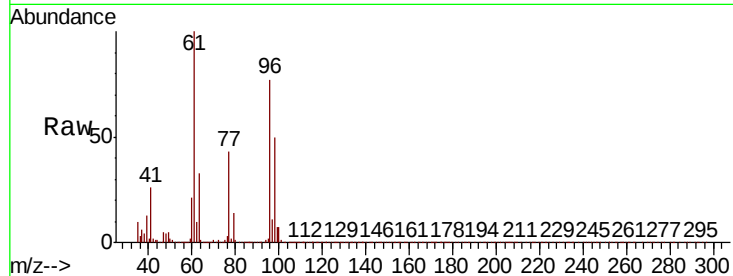


#27

cis-1,2-Dichloroethene
Concen: 47.679 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

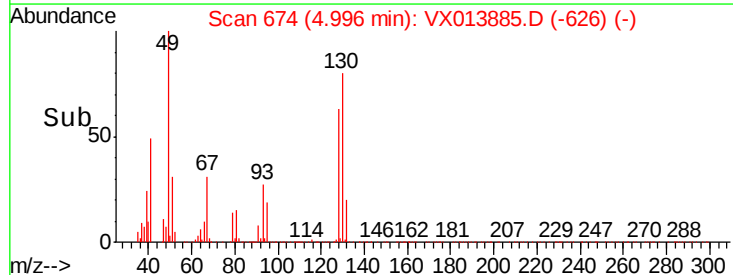
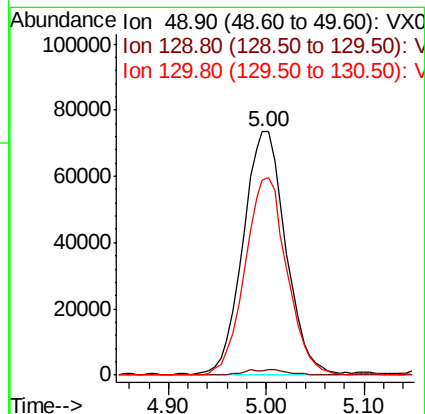
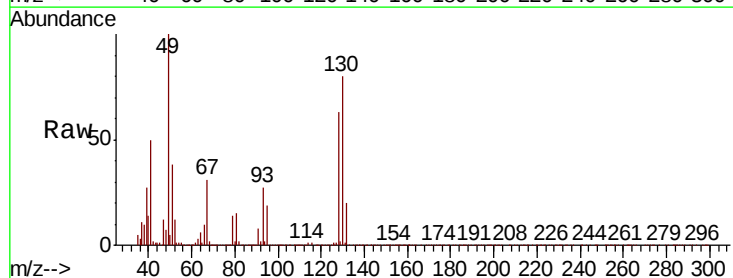
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.4	0.0	286.4
98	64.7	0.0	127.4

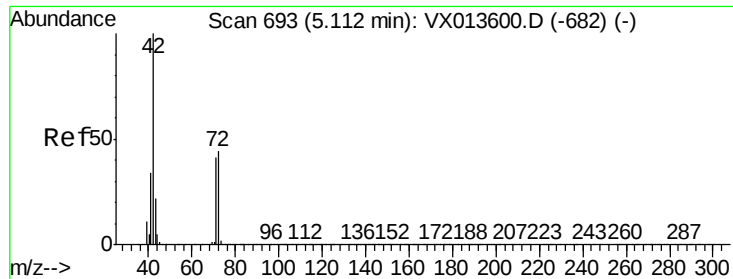


#28

Bromochloromethane
Concen: 53.992 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	79.2	65.4	98.0





#29

Tetrahydrofuran

Concen: 239.645 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

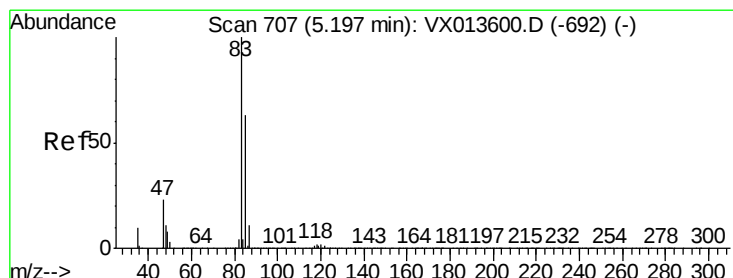
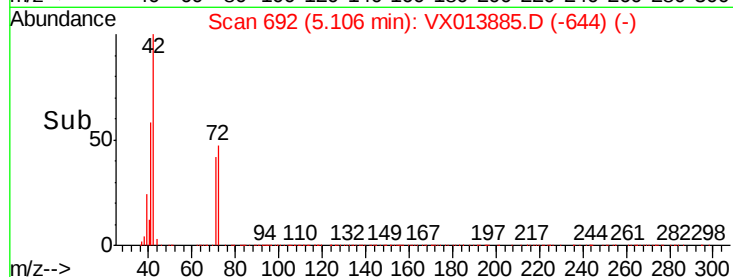
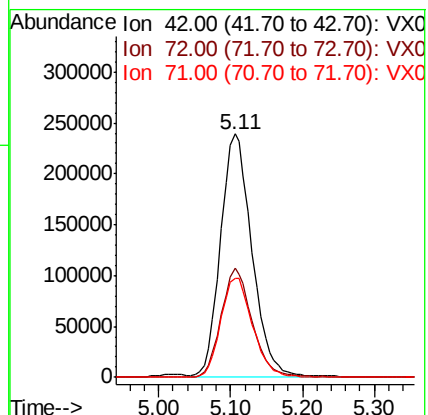
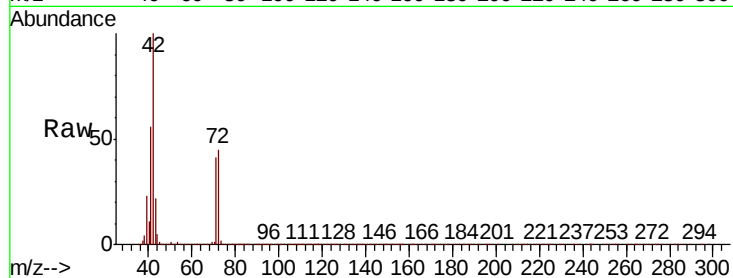
Tot Ion: 42 Resp: 722555

Ion Ratio Lower Upper

42 100

72 44.6 36.3 54.5

71 41.1 33.2 49.8



#30

Chloroform

Concen: 47.980 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013885.D

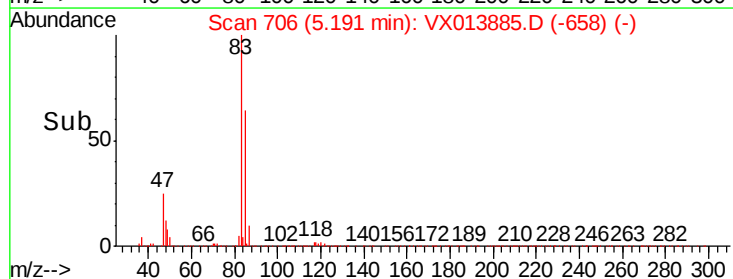
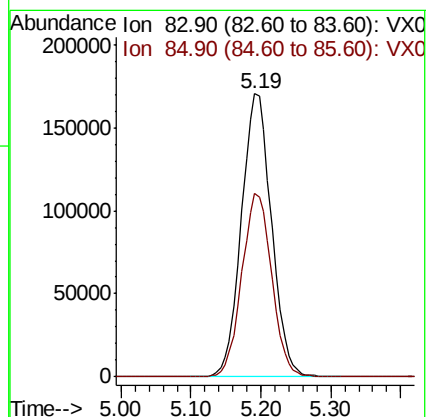
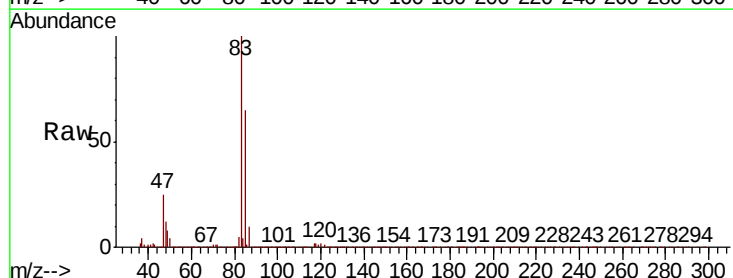
Acq: 10 Dec 2019 09:12

Tgt Ion: 83 Resp: 507974

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.4

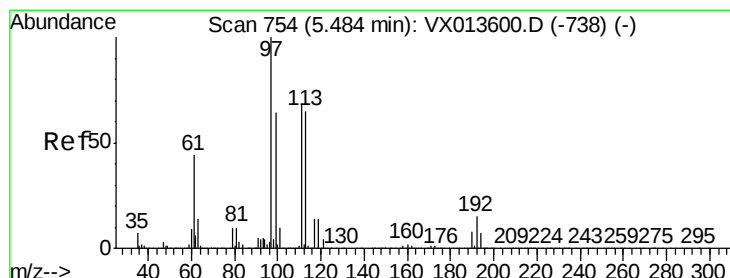
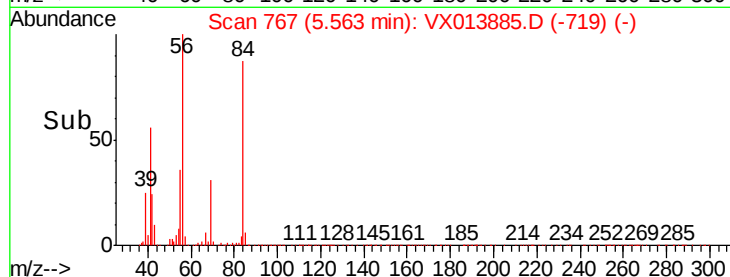
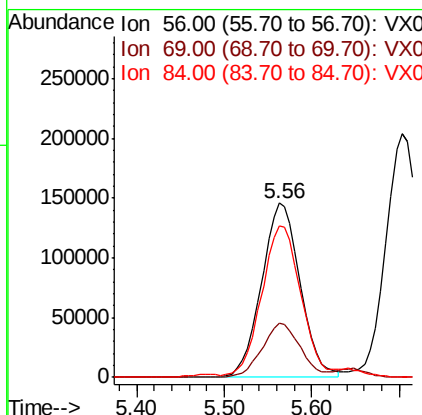
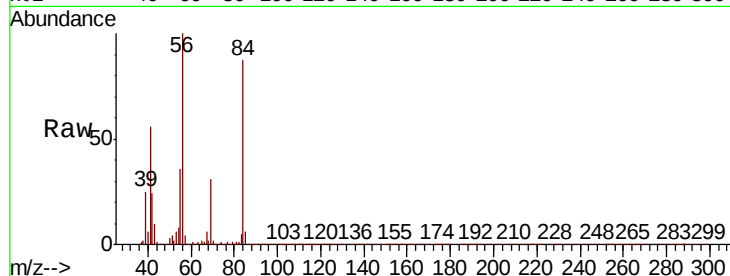




#31
Cyclohexane
Concen: 45.570 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

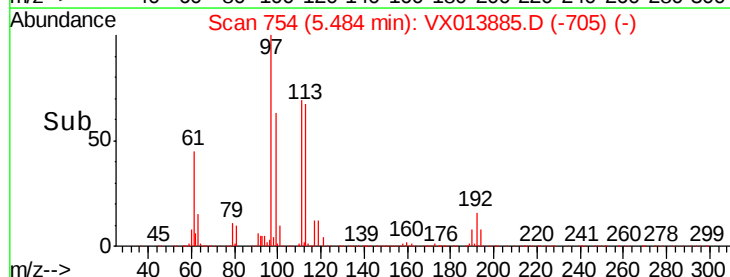
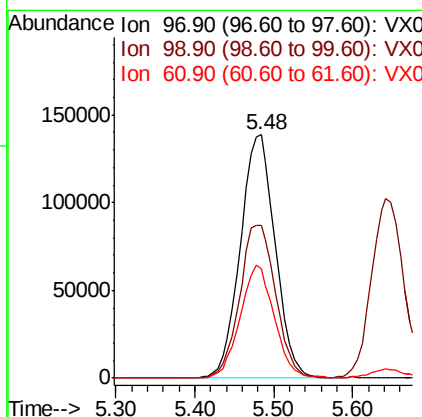
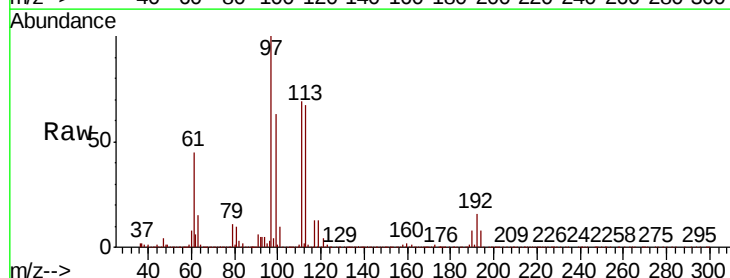
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

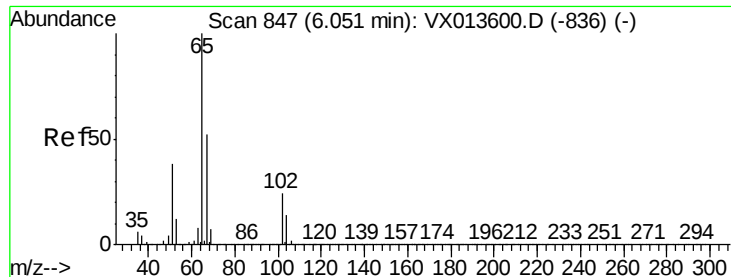
Tot Ion: 56 Resp: 448699
Ion Ratio Lower Upper
56 100
69 31.1 24.6 36.8
84 85.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 48.214 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 97 Resp: 426564
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 44.9 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.186 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

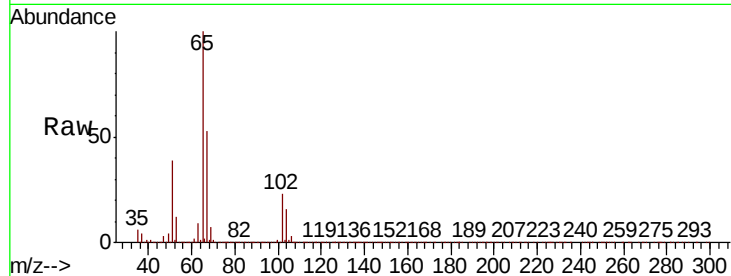
VSTDCCC050EC

Tot Ion: 65 Resp: 314527

Ion Ratio Lower Upper

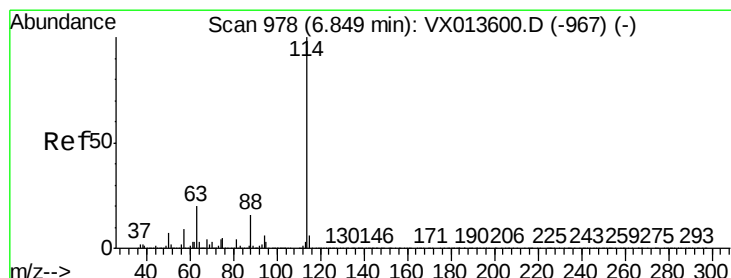
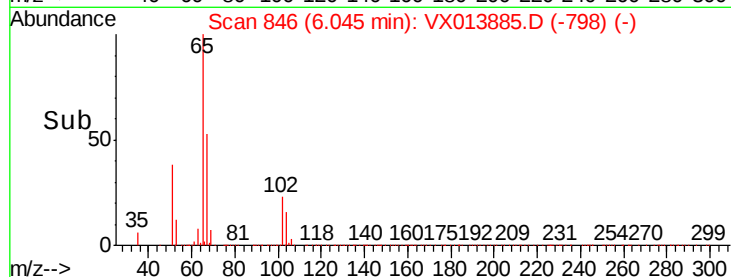
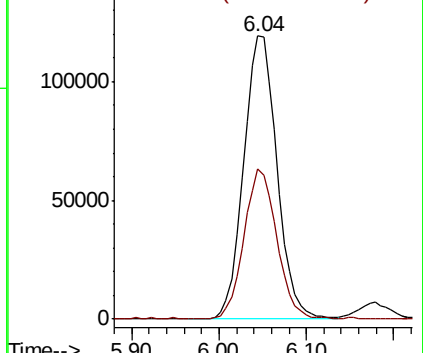
65 100

67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

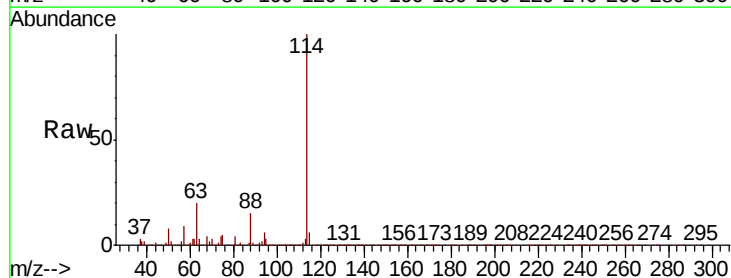
Tgt Ion: 114 Resp: 887207

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

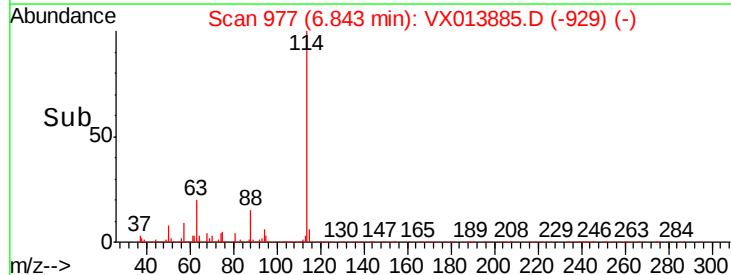
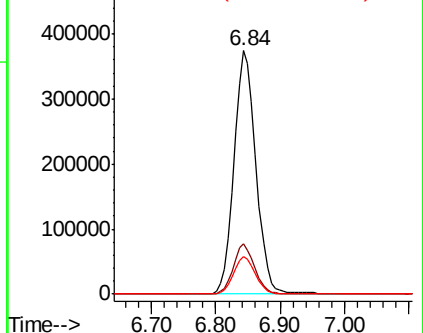
88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.508 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

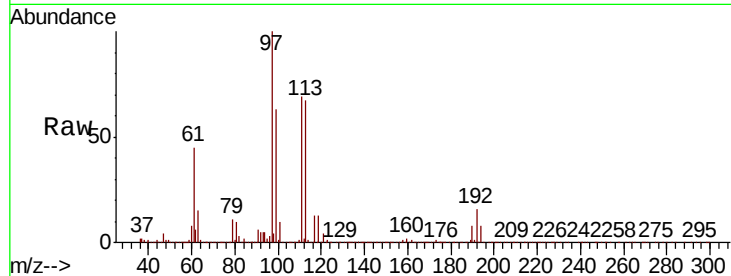
Tot Ion:113 Resp: 266058

Ion Ratio Lower Upper

113 100

111 102.6 83.6 125.4

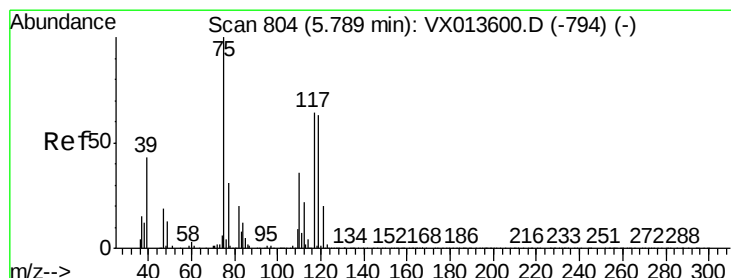
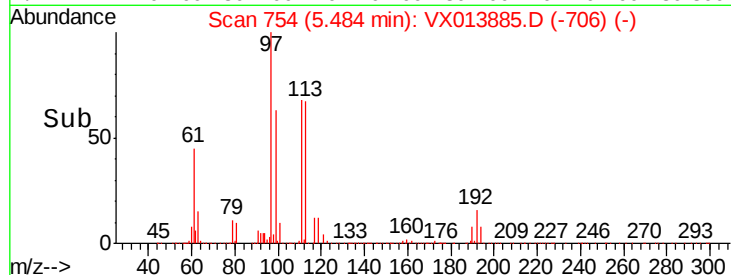
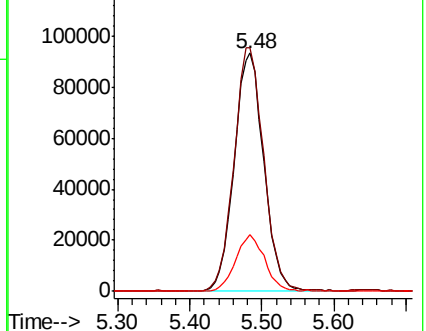
192 23.6 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.021 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

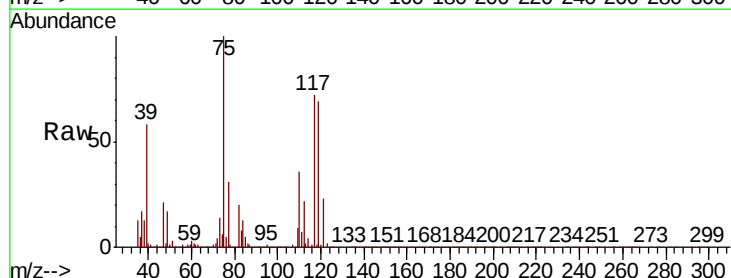
Tgt Ion: 75 Resp: 378692

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.1

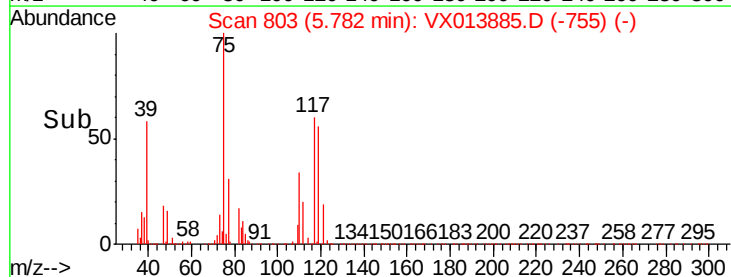
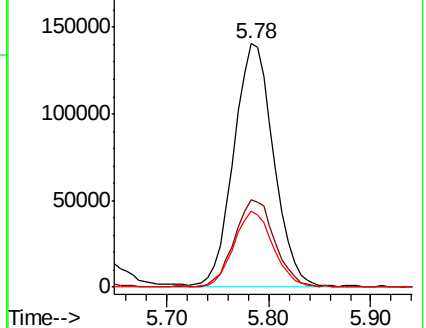
77 30.6 24.5 36.7

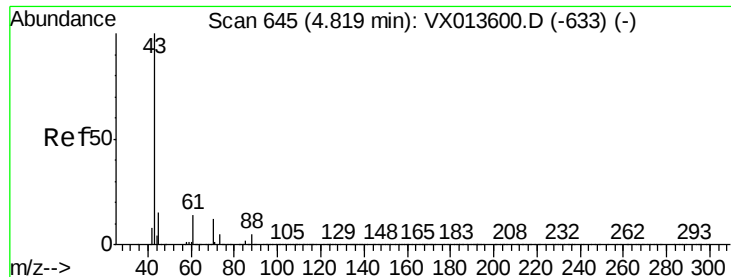


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

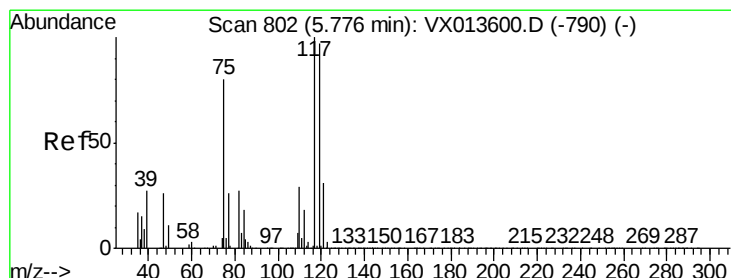
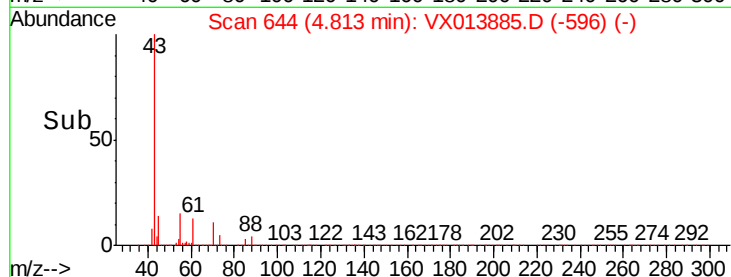
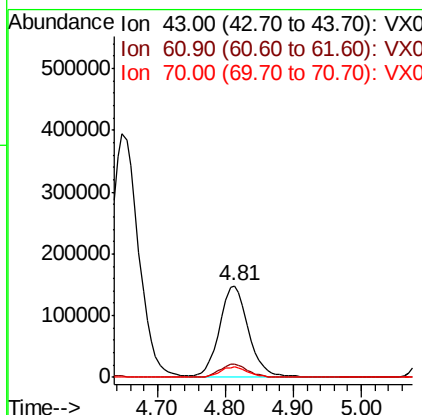
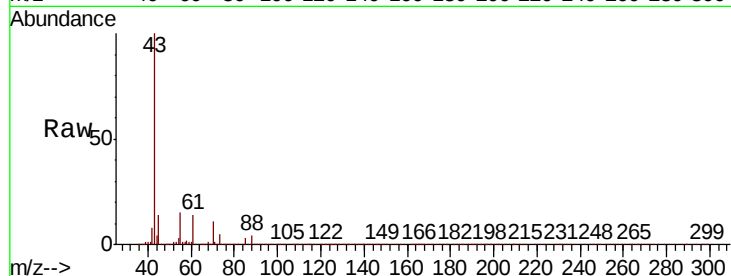




#37
Ethyl Acetate
Concen: 48.031 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

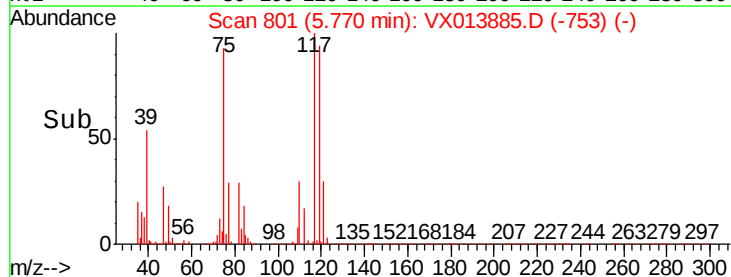
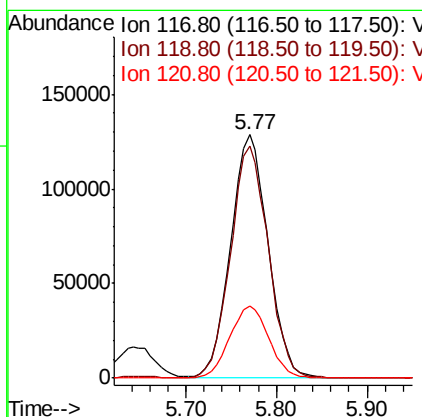
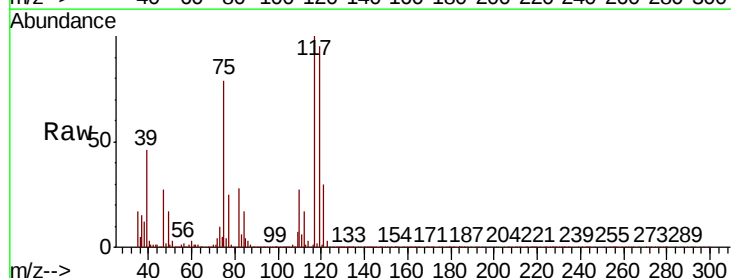
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

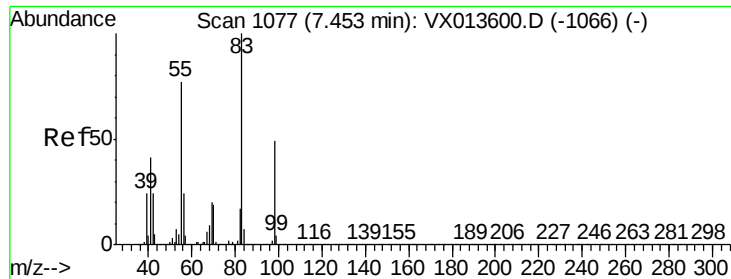
Tot Ion: 43 Resp: 433952
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 10.4 8.6 12.8



#38
Carbon Tetrachloride
Concen: 49.509 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 117 Resp: 367662
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3
121 29.5 25.0 37.6

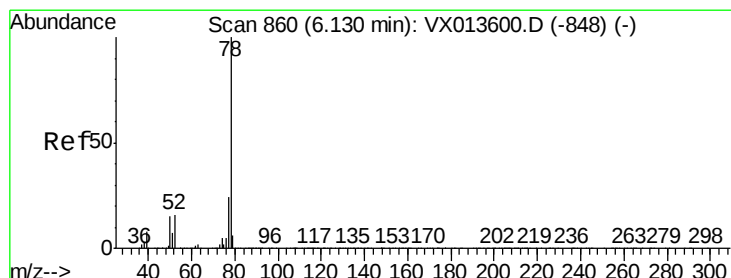
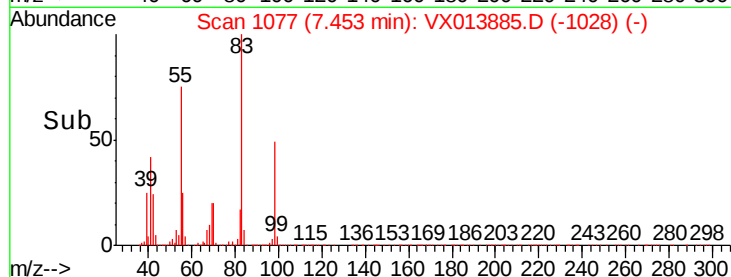
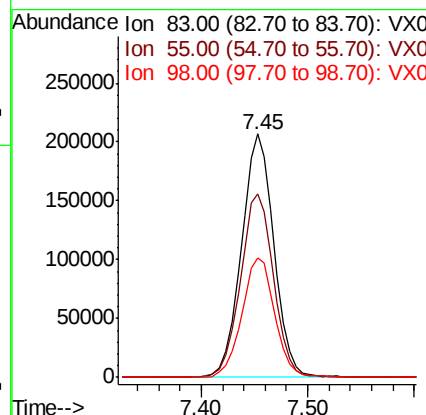
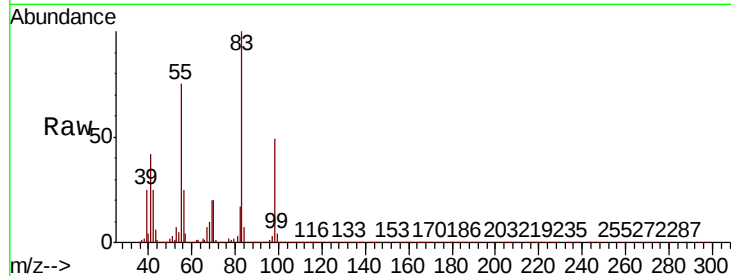




#39
Methvlcvclohexane
Concen: 44.243 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

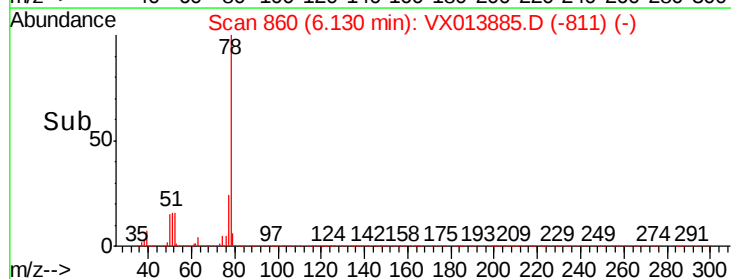
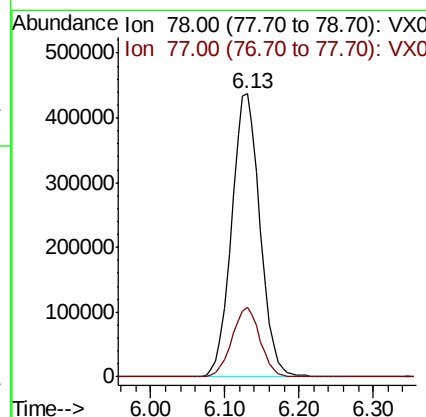
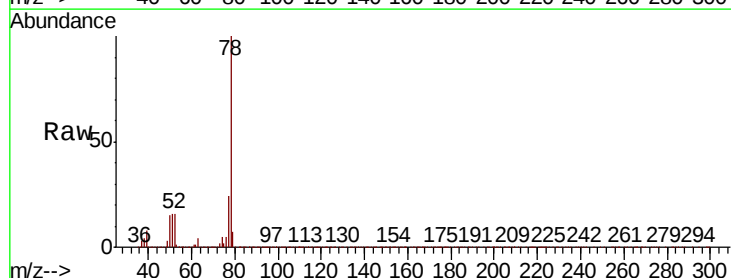
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

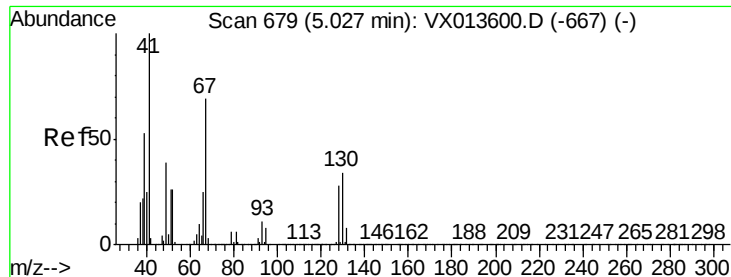
Tot Ion	83	Resp	440444
Ion Ratio	Lower	Upper	
83	100		
55	75.1	61.9	92.9
98	49.2	39.4	59.0



#40
Benzene
Concen: 47.373 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	78	Resp	1161986
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.0	28.4

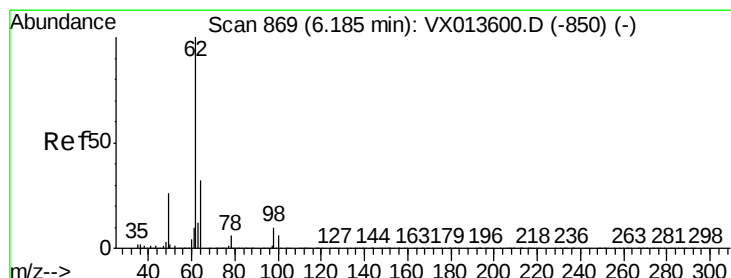
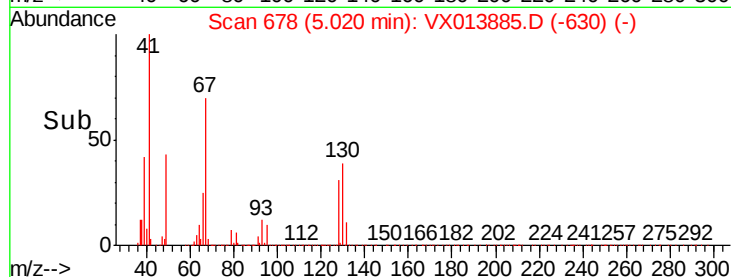
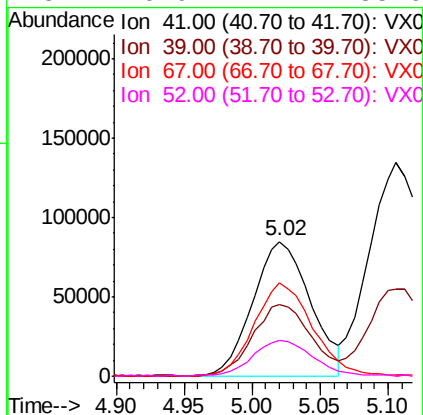
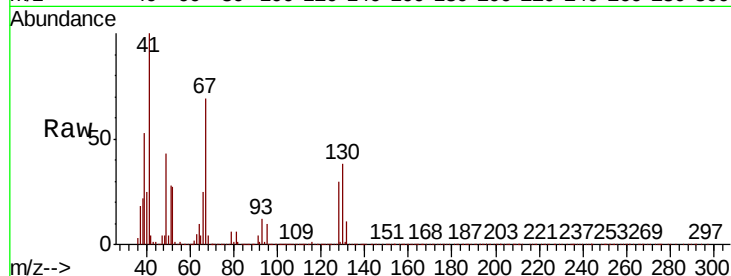




#41
Methacrylonitrile
Concen: 50.400 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

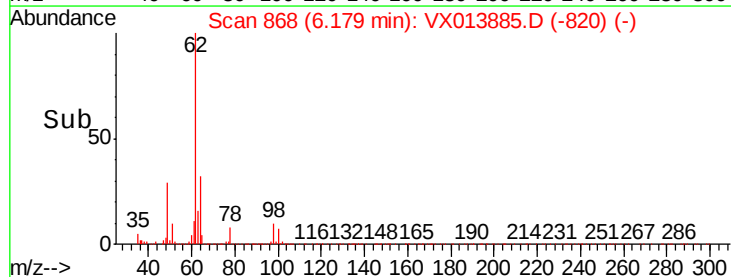
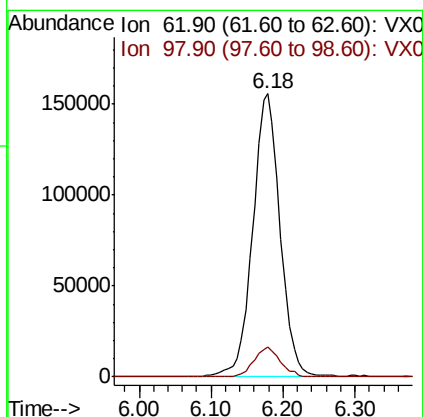
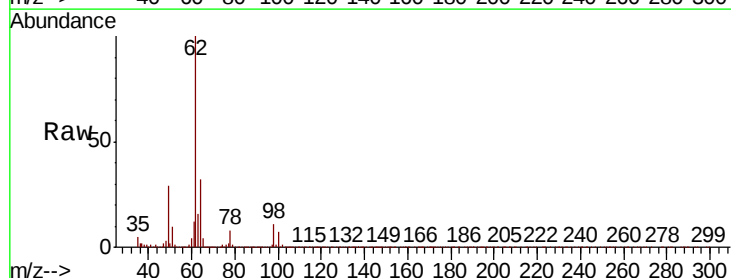
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

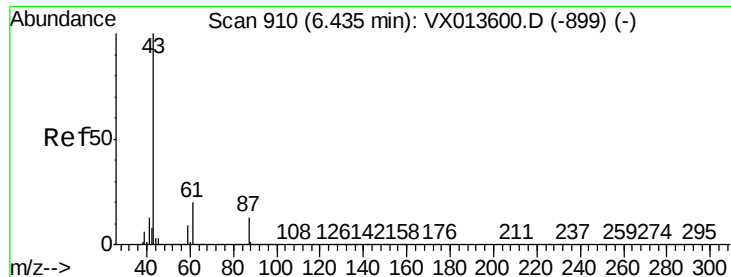
Tot Ion:	41	Resp:	249730
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.9	64.3
67	70.4	57.4	86.0
52	26.9	22.4	33.6



#42
1,2-Dichloroethane
Concen: 48.787 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion:	62	Resp:	408116
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8



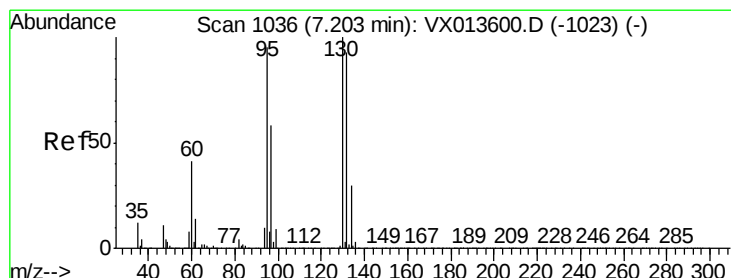
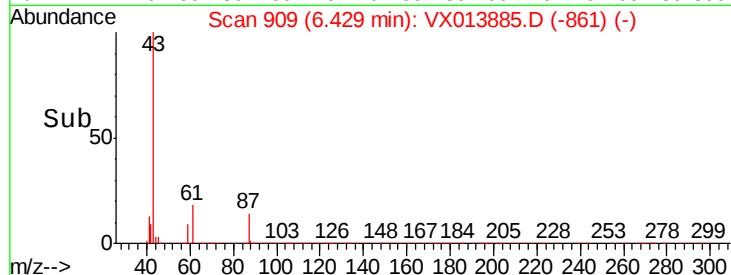
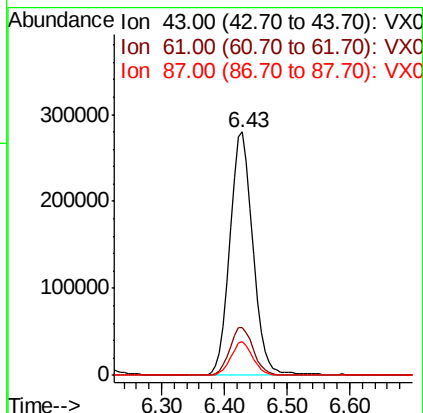
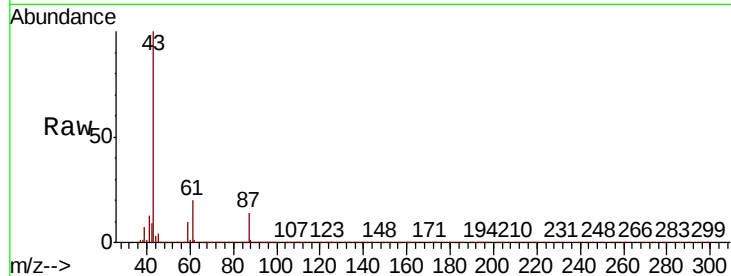


#43

Isopropyl Acetate
 Concen: 47.863 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

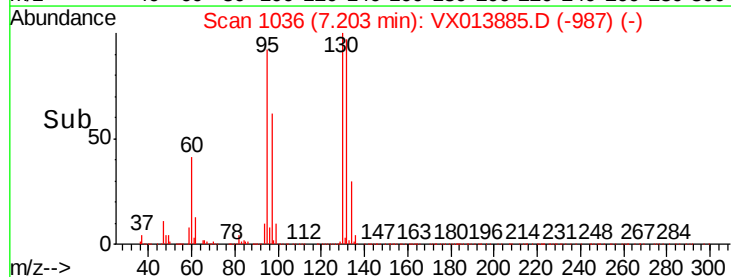
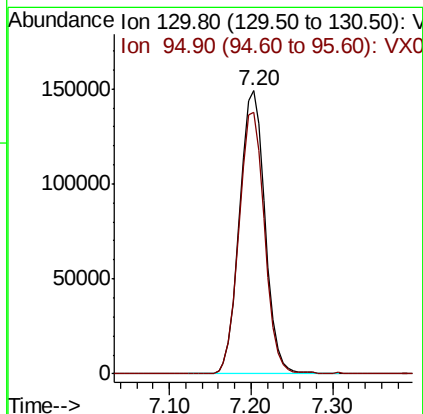
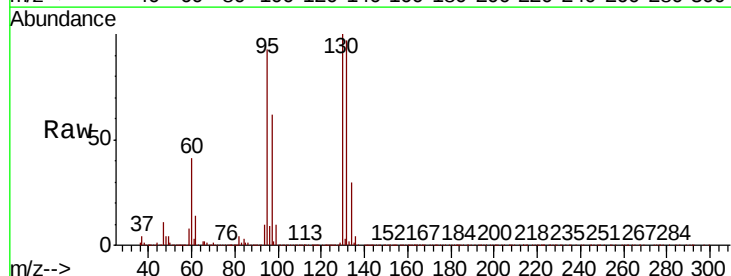
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.3	24.5
87	13.2	10.8	16.2



#44

Trichloroethene
 Concen: 47.791 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.121 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

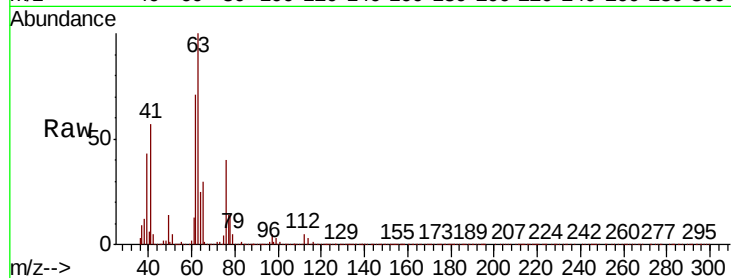
VSTDCCC050EC

Tot Ion: 63 Resp: 307592

Ion Ratio Lower Upper

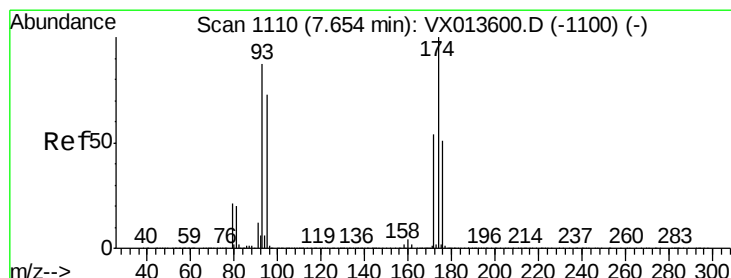
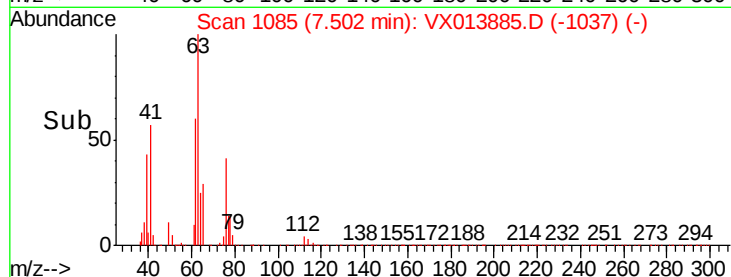
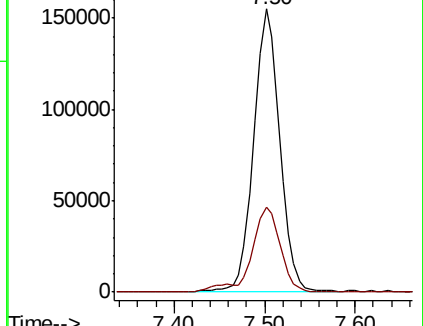
63 100

65 30.0 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.463 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

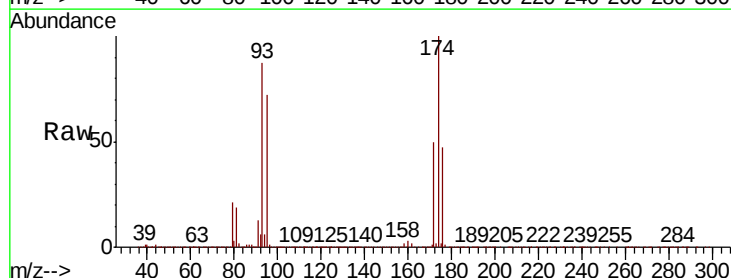
Tgt Ion: 93 Resp: 202000

Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.2

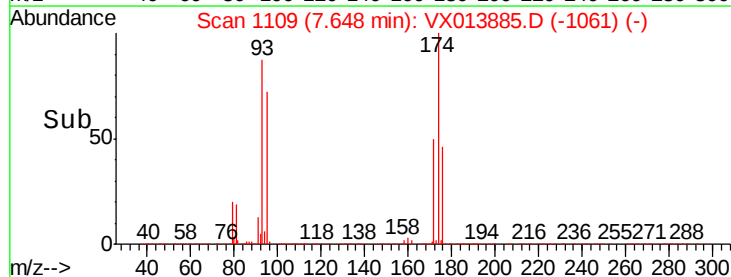
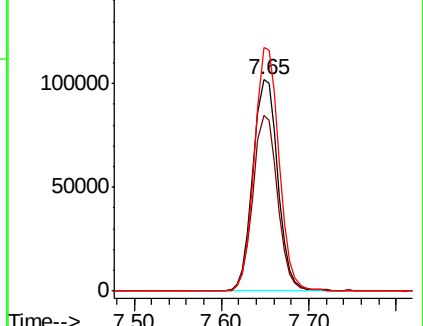
174 114.2 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.326 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

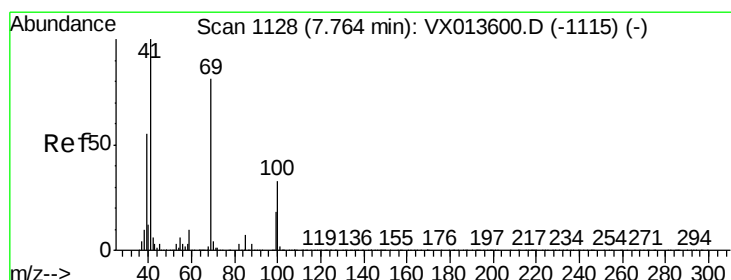
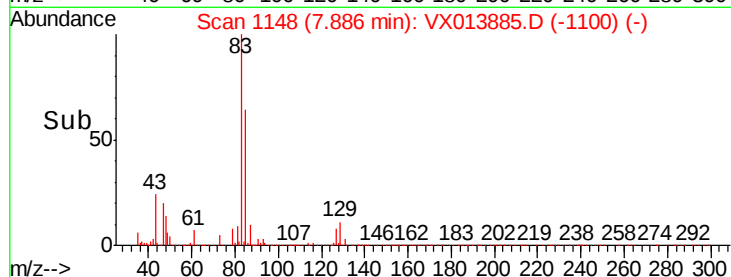
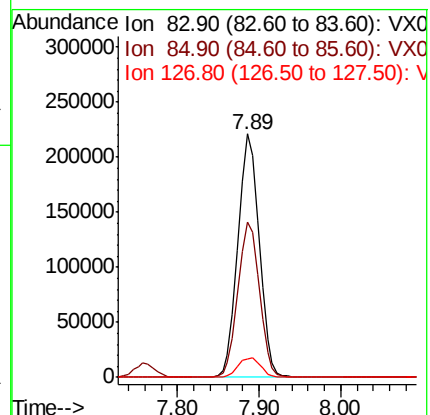
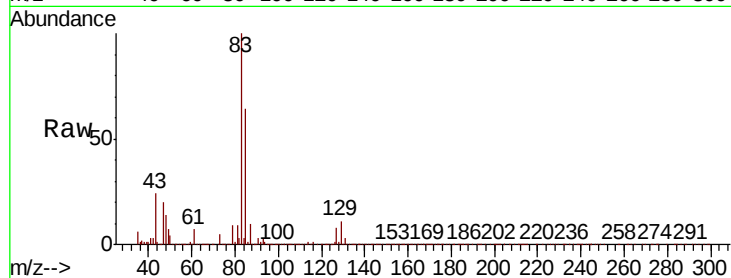
Tot Ion: 83 Resp: 396547

Ion Ratio Lower Upper

83 100

85 63.8 52.1 78.1

127 7.7 7.0 10.4



#48

Methyl methacrylate

Concen: 49.618 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

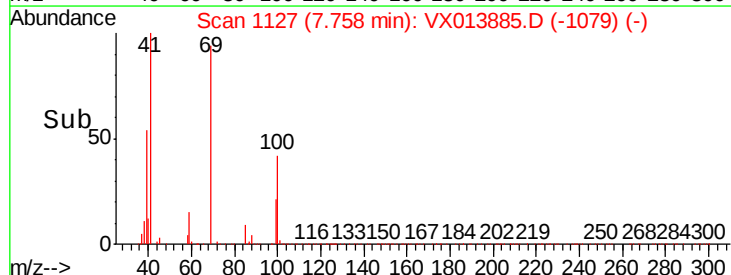
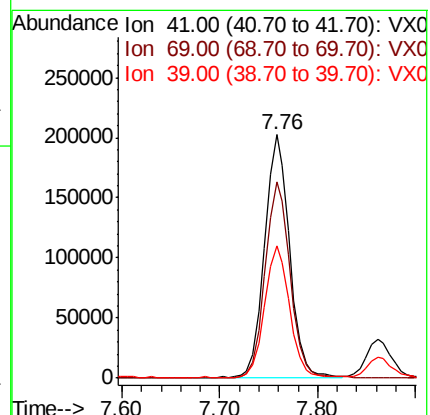
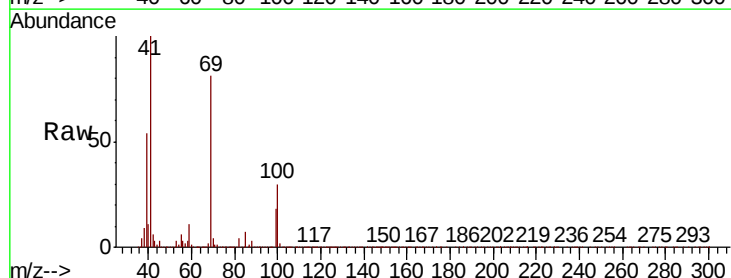
Tgt Ion: 41 Resp: 358592

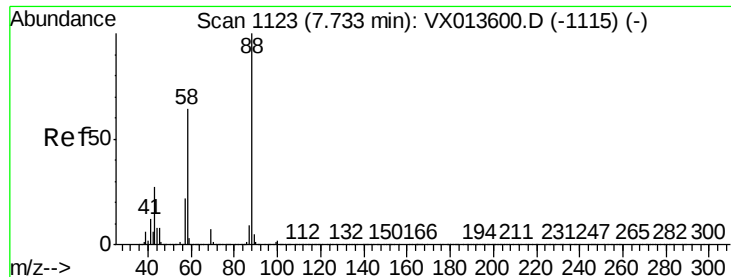
Ion Ratio Lower Upper

41 100

69 81.5 64.7 97.1

39 54.4 43.8 65.6

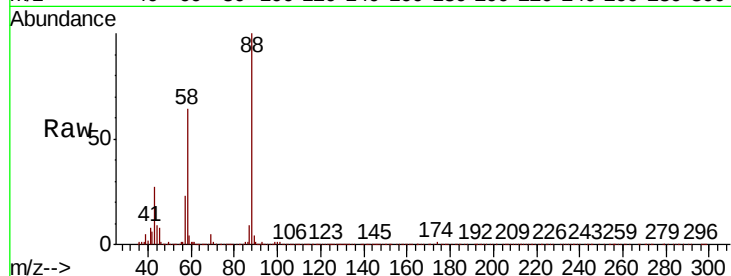




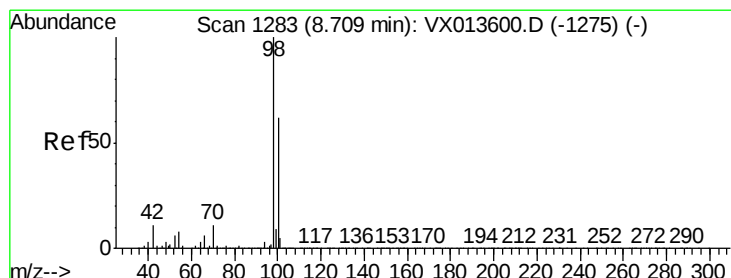
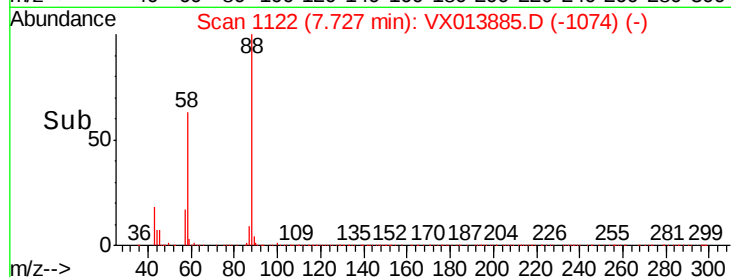
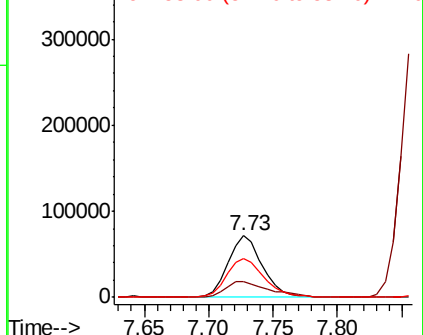
#49
1,4-Dioxane
Concen: 811.058 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.8	38.6
58	70.1	54.6	82.0

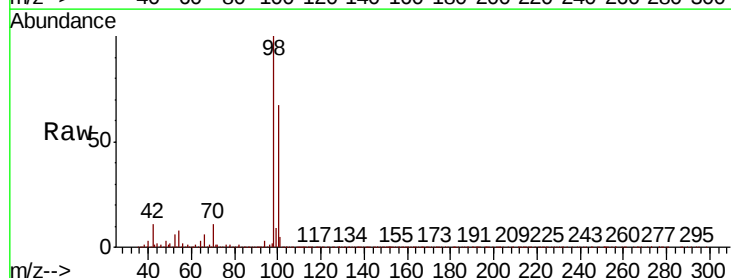


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

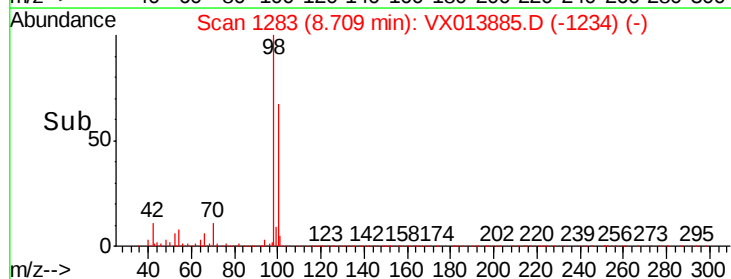
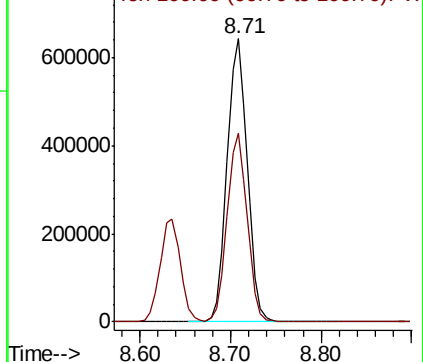


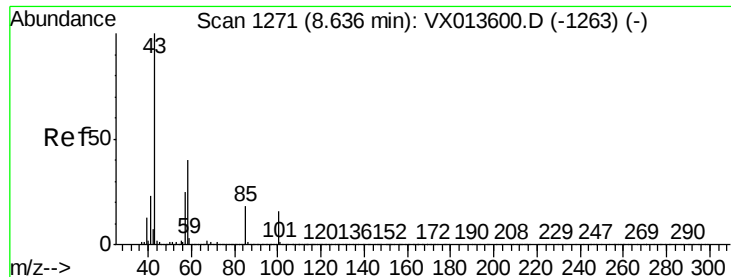
#50
Toluene-d8
Concen: 46.592 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 239.764 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

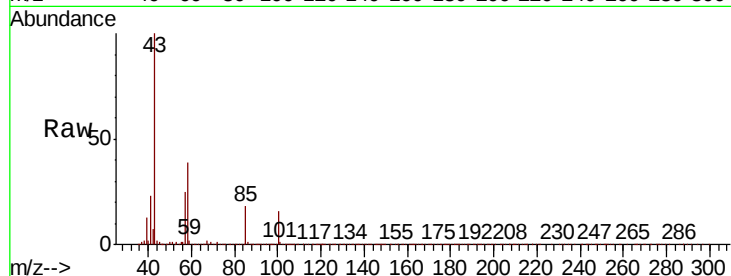
VSTDCCC050EC

Tot Ion: 43 Resp: 2243309

Ion Ratio Lower Upper

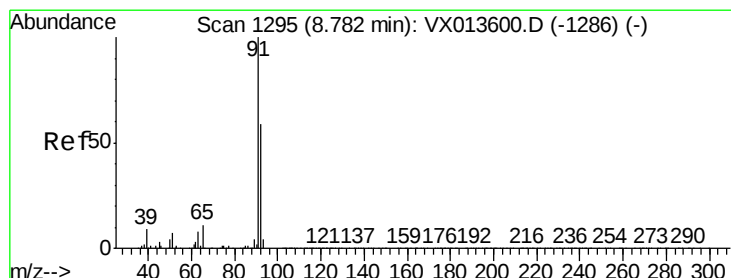
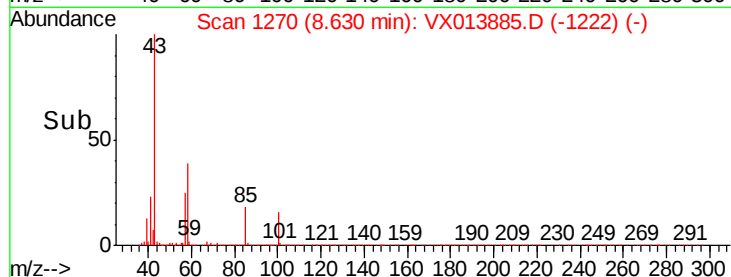
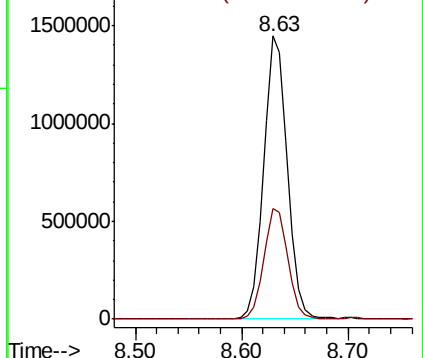
43 100

58 39.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.517 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013885.D

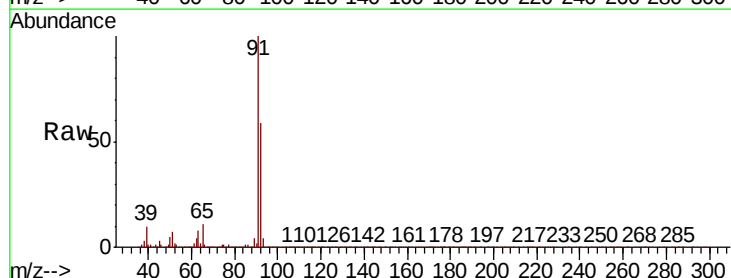
Acq: 10 Dec 2019 09:12

Tgt Ion: 92 Resp: 739307

Ion Ratio Lower Upper

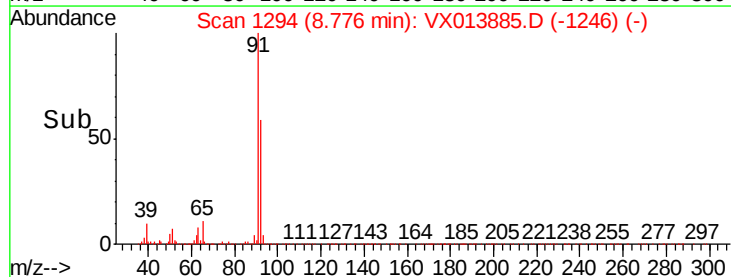
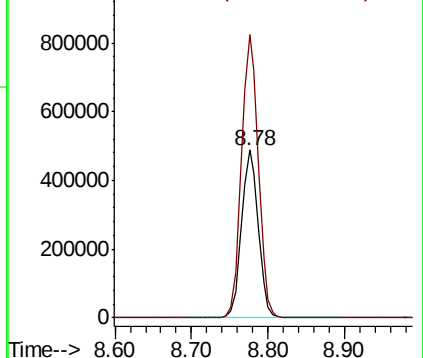
92 100

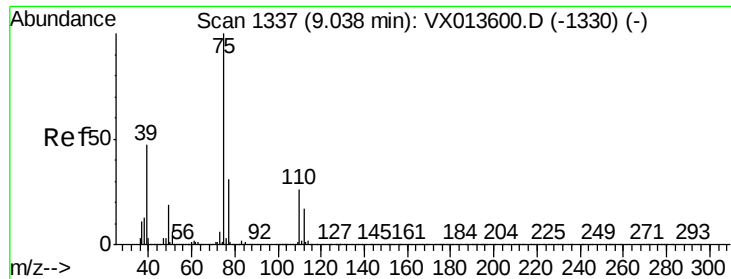
91 170.1 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 45.982 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

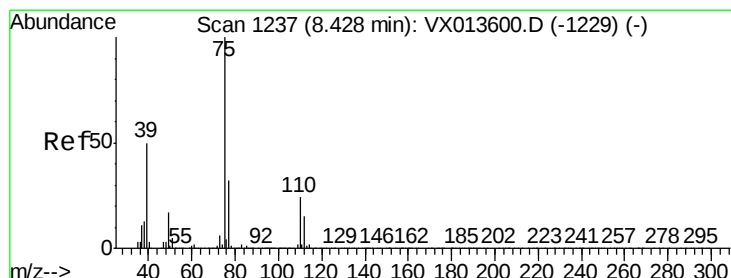
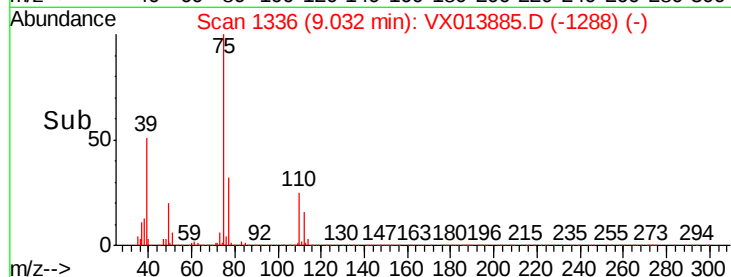
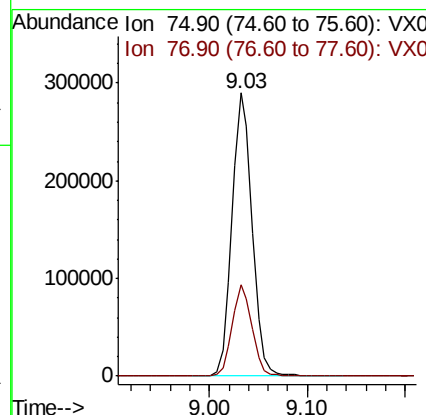
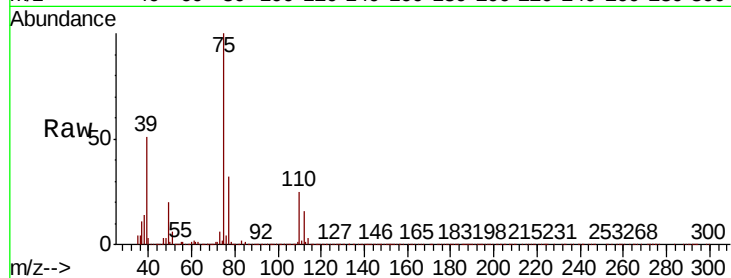
VSTDCCC050EC

Tot Ion: 75 Resp: 412406

Ion Ratio Lower Upper

75 100

77 32.0 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 46.830 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

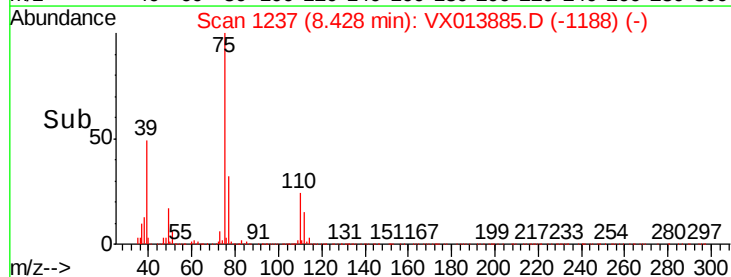
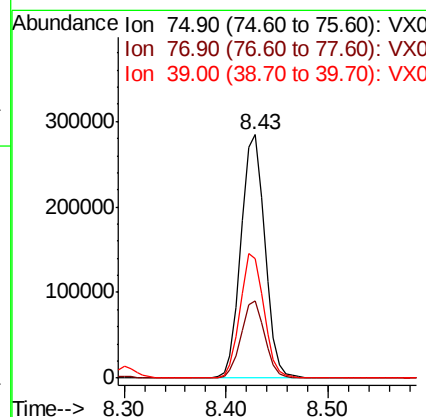
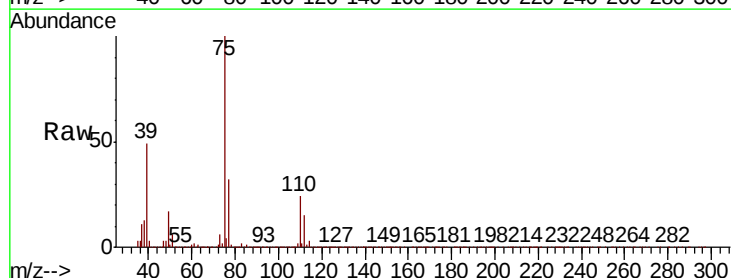
Tgt Ion: 75 Resp: 458874

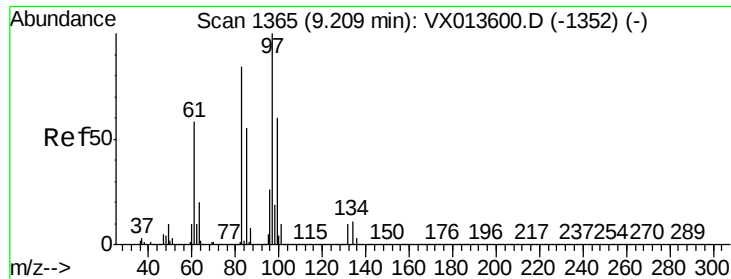
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 49.0 39.9 59.9

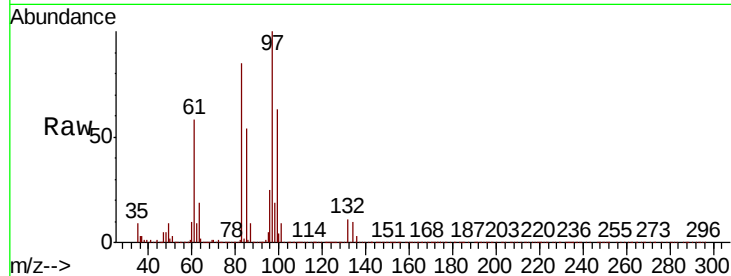




#55
 1,1,2-Trichloroethane
 Concen: 50.047 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	307324
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.3	100.9
85	54.4	43.6	65.4
99	63.3	48.2	72.4



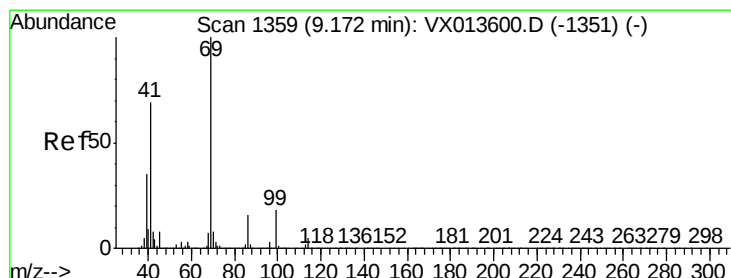
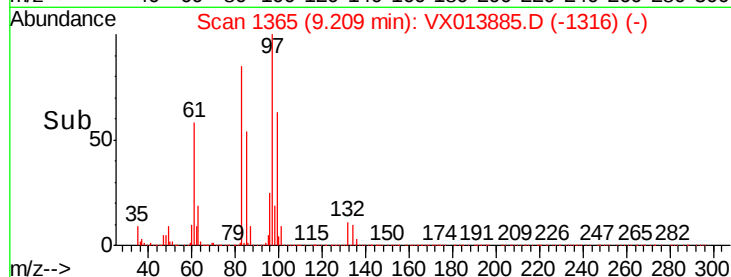
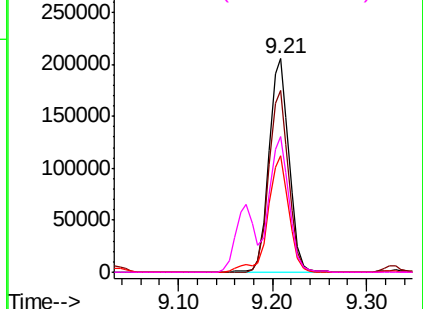
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

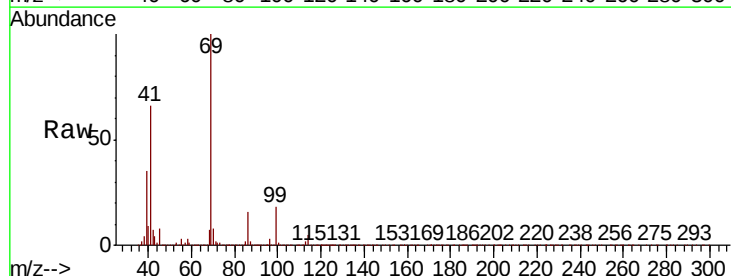
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 49.090 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion:	69	Resp:	484650
Ion	Ratio	Lower	Upper
69	100		
41	68.2	55.0	82.4
39	36.1	28.7	43.1

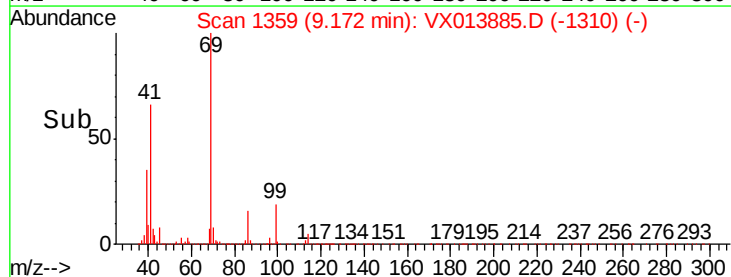
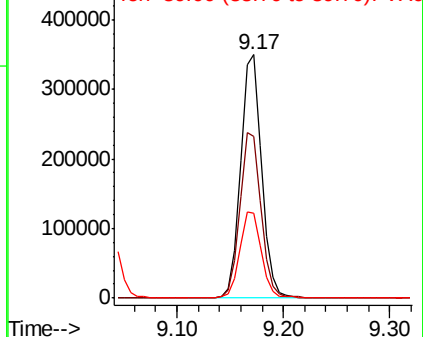


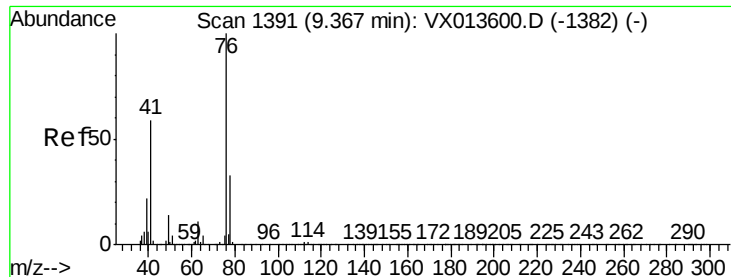
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.564 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

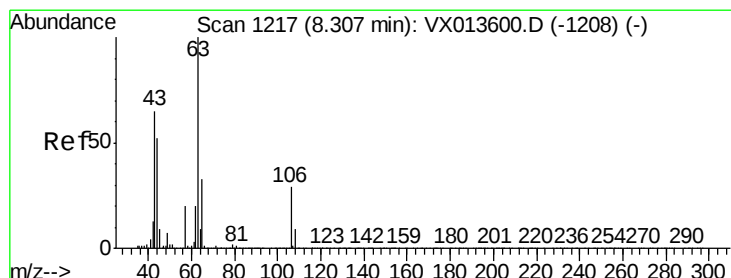
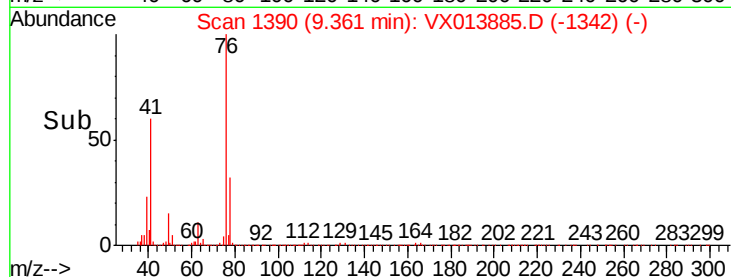
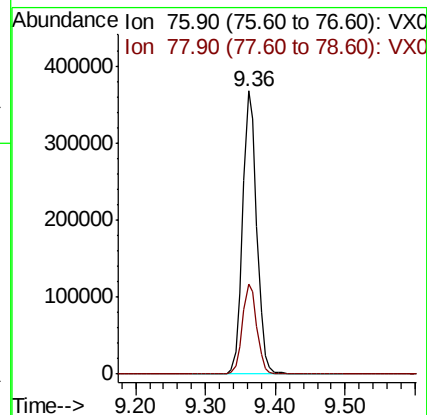
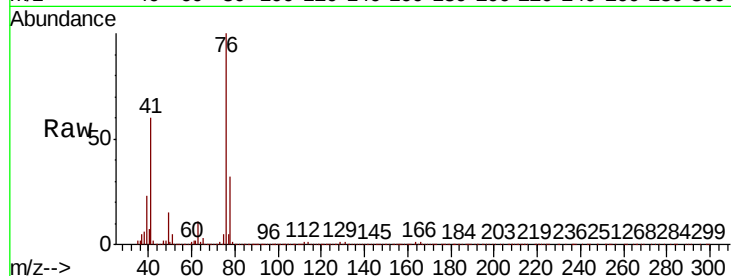
VSTDCCC050EC

Tot Ion: 76 Resp: 514027

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 242.781 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013885.D

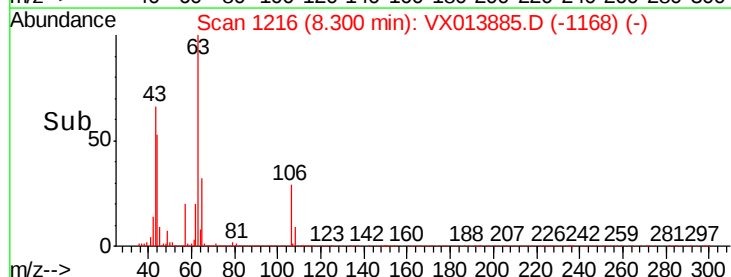
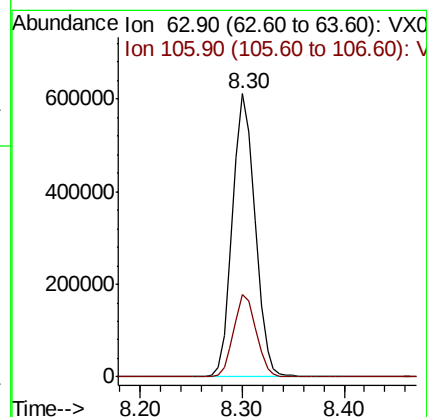
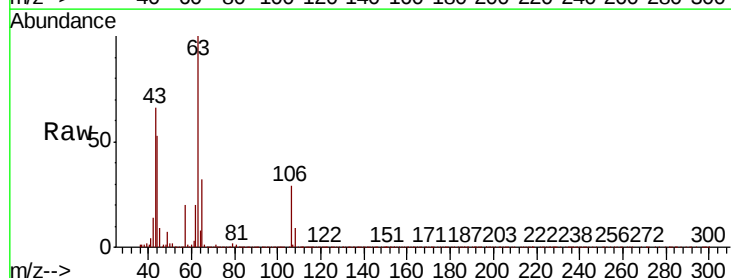
Acq: 10 Dec 2019 09:12

Tgt Ion: 63 Resp: 939765

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.0

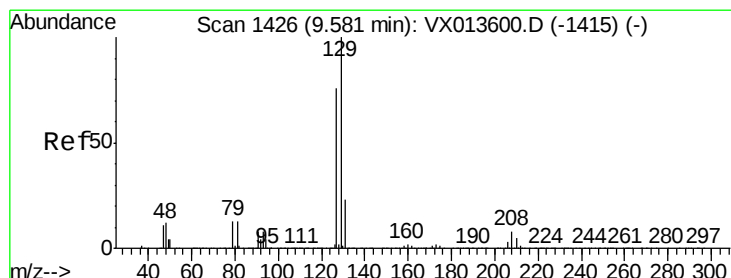
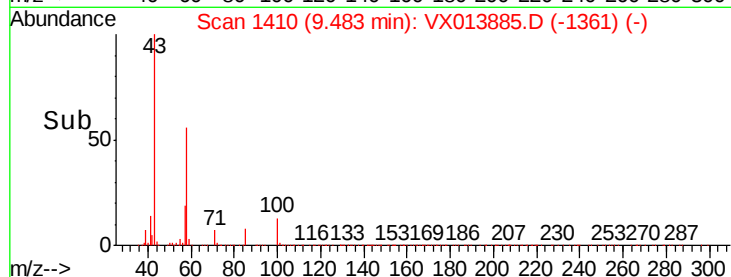
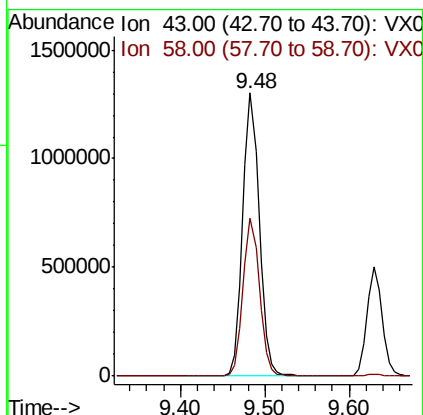
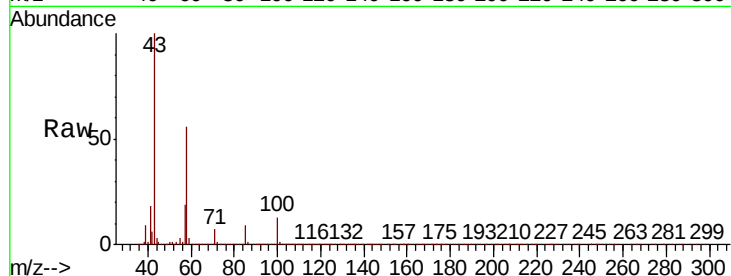




#59
2-Hexanone
Concen: 233.035 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

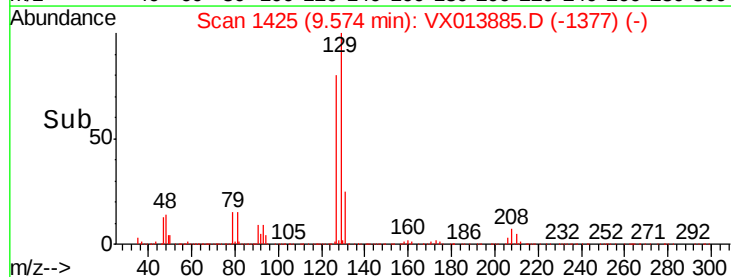
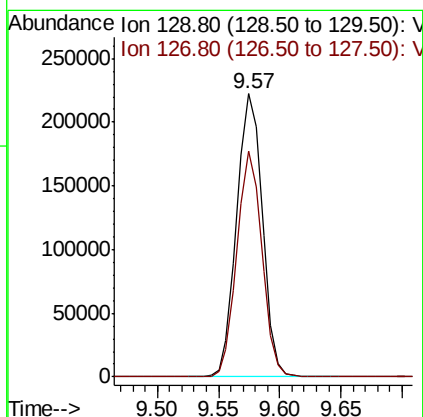
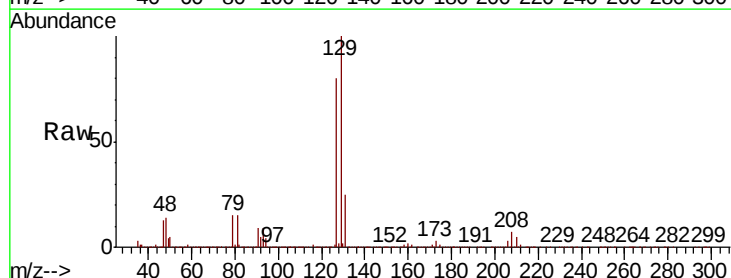
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1700509
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.4



#60
Dibromochloromethane
Concen: 50.844 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 129 Resp: 324015
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.620 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

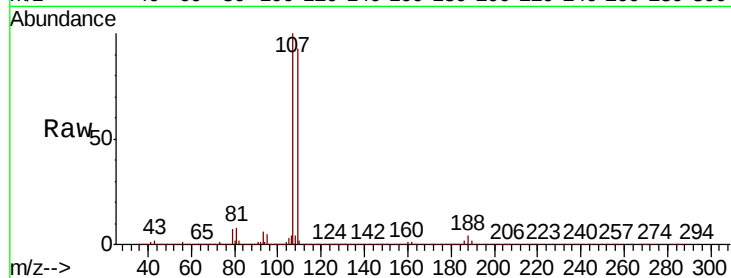
VSTDCCC050EC

Tot Ion: 107 Resp: 318875

Ion Ratio Lower Upper

107 100

109 93.9 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

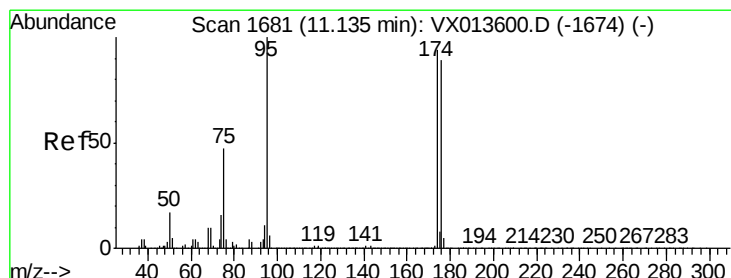
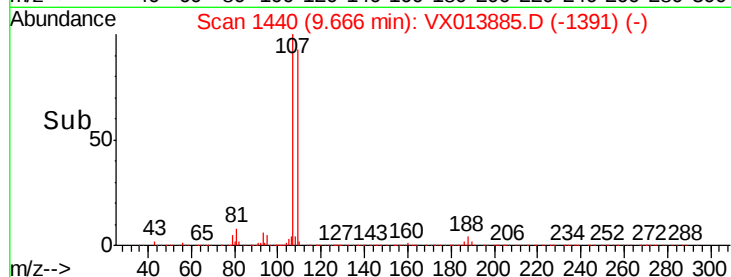
150000

100000

50000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.238 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

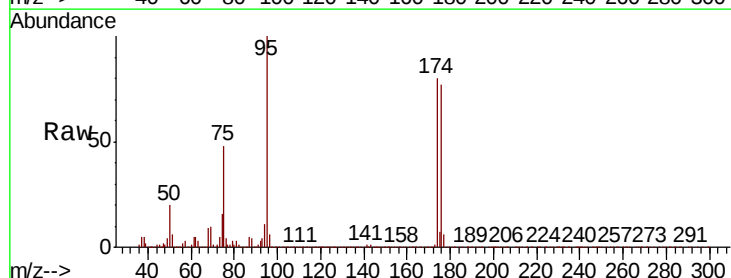
Tgt Ion: 95 Resp: 371716

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.0

176 84.9 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

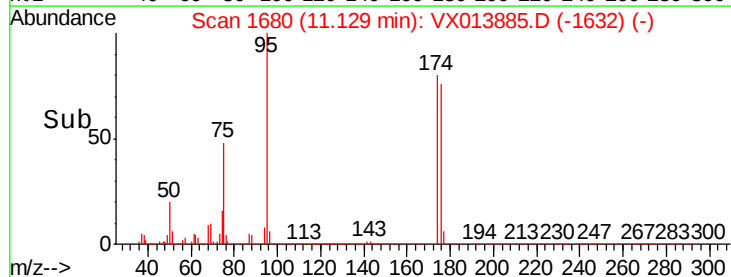
300000

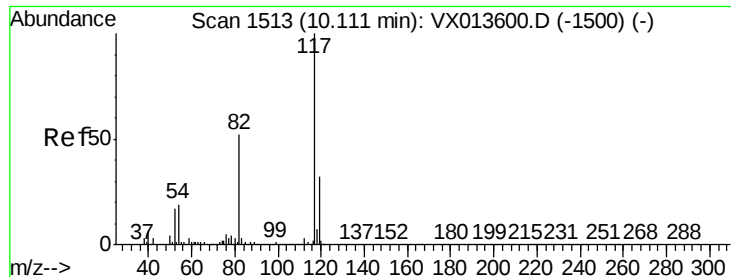
200000

100000

0

Time--> 11.10 11.20

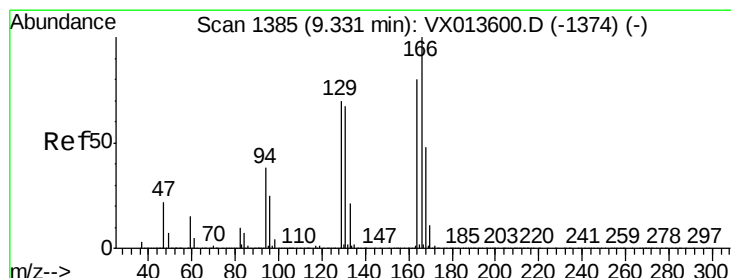
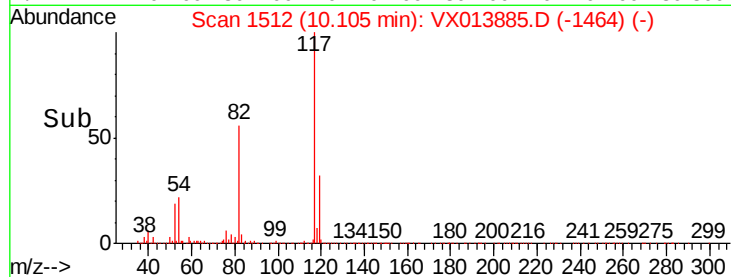
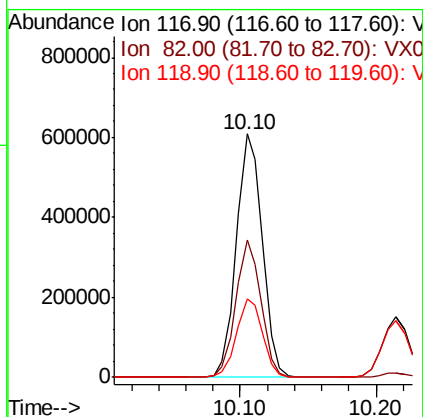
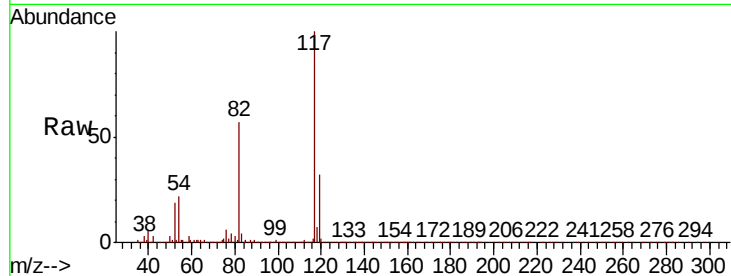




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

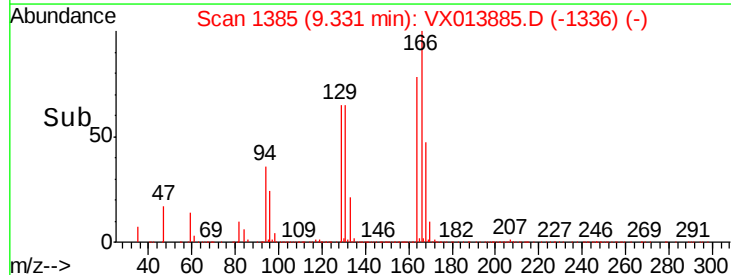
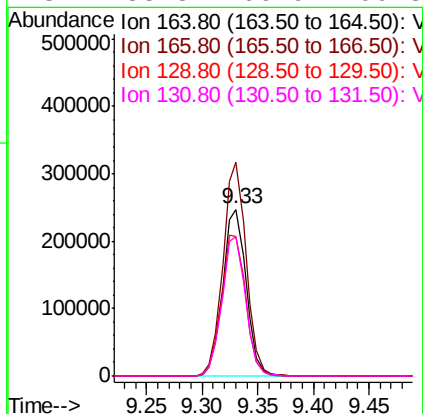
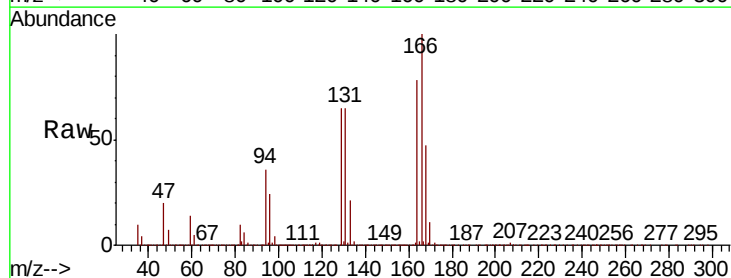
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

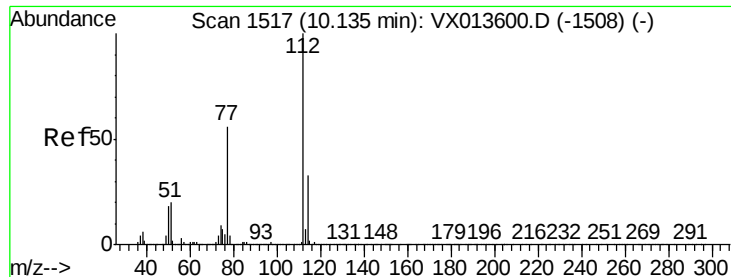
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	41.8	62.8
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 59.710 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	99.7	149.5
129	83.4	70.1	105.1
131	83.3	66.9	100.3

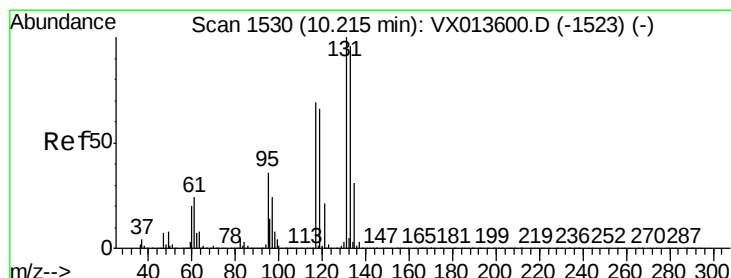
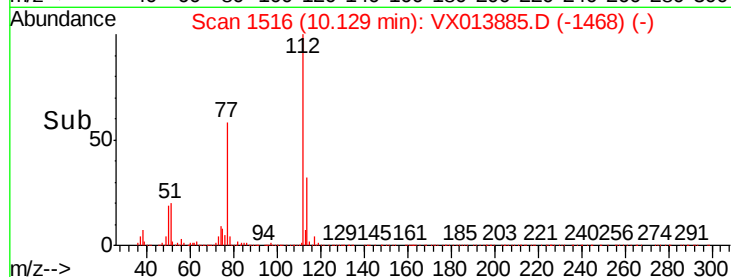
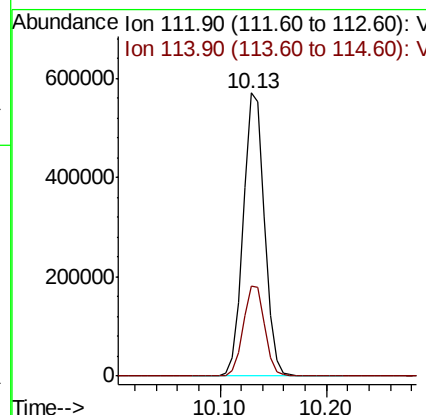
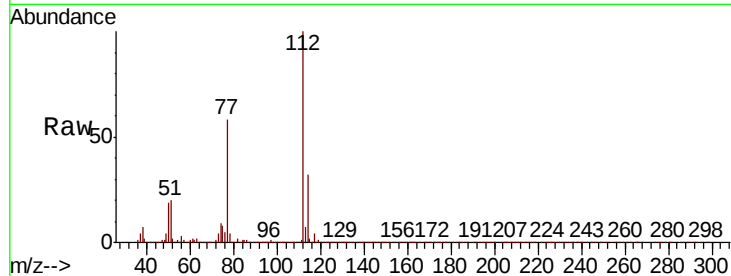




#65
Chlorobenzene
Concen: 47.570 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

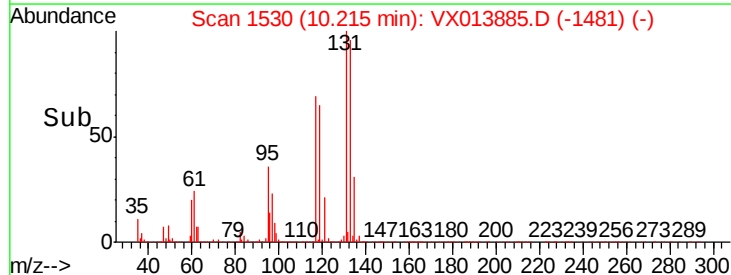
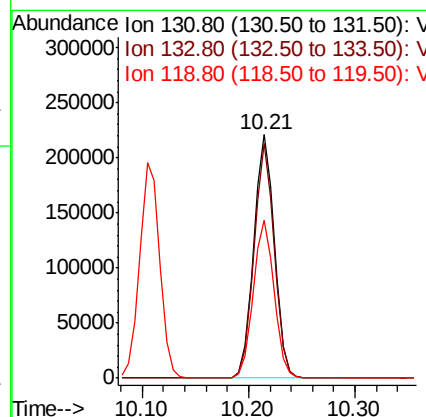
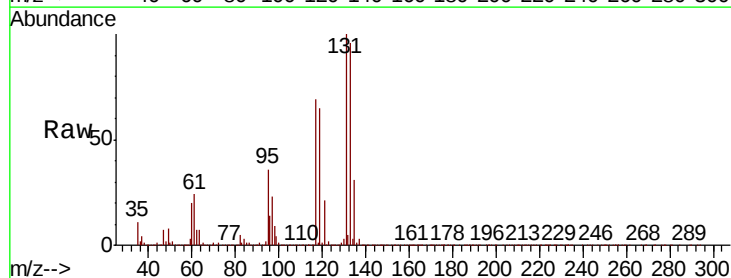
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

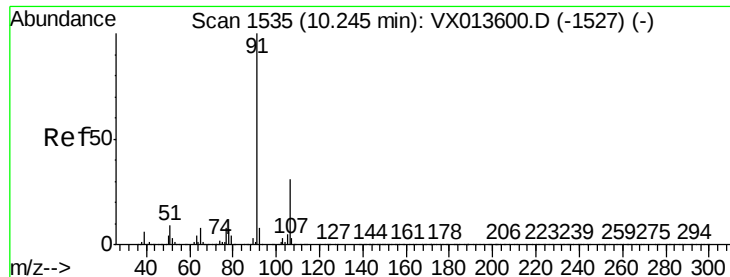
Tot Ion:112 Resp: 798185
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.011 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion:131 Resp: 301329
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 65.5 32.9 98.6





#67

Ethyl Benzene

Concen: 48.866 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

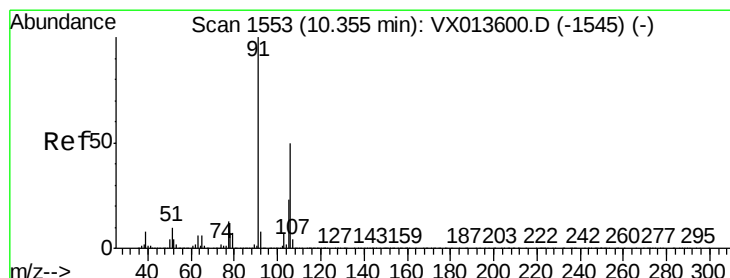
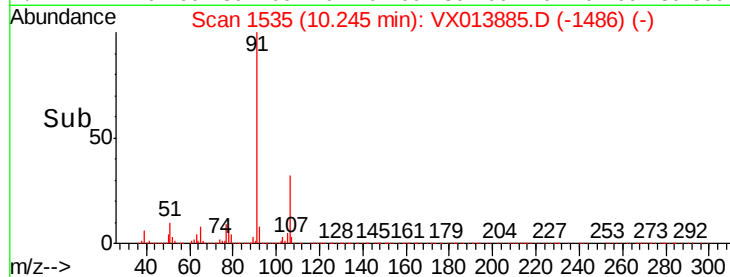
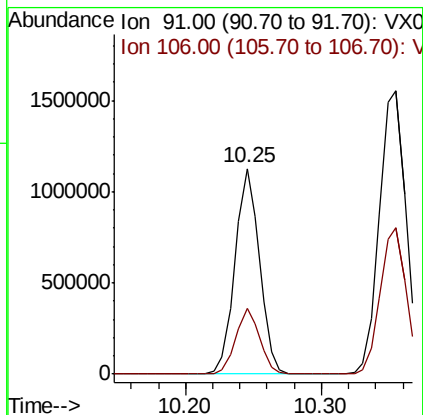
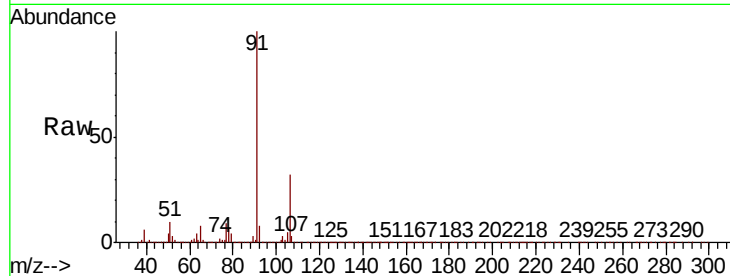
VSTDCCC050EC

Tot Ion: 91 Resp: 1408971

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 96.956 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013885.D

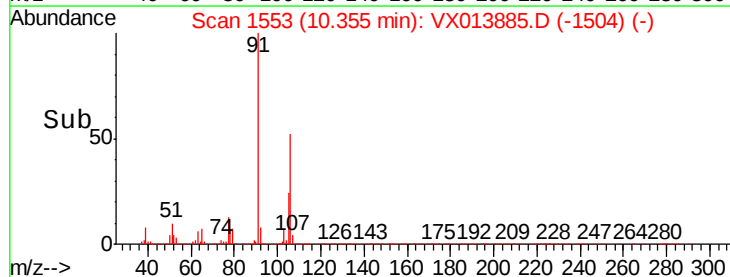
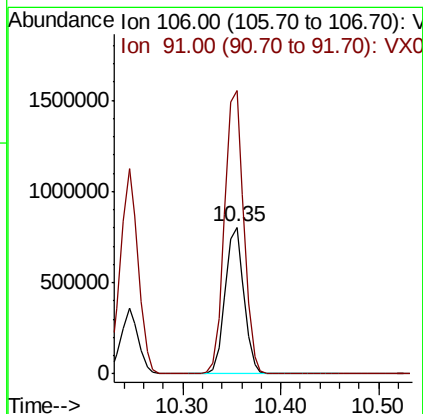
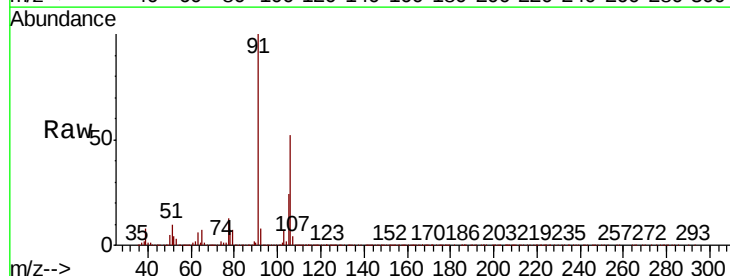
Acq: 10 Dec 2019 09:12

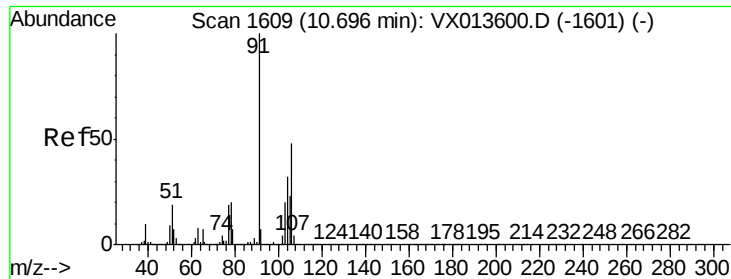
Tgt Ion: 106 Resp: 1070292

Ion Ratio Lower Upper

106 100

91 197.7 159.0 238.4

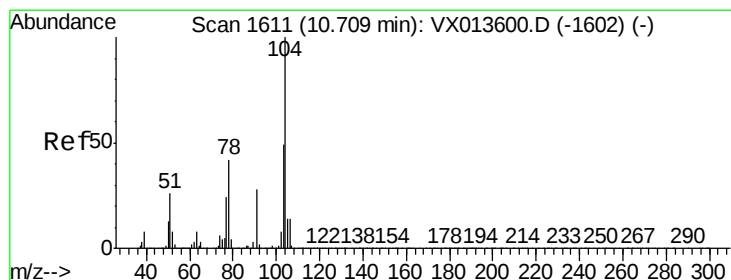
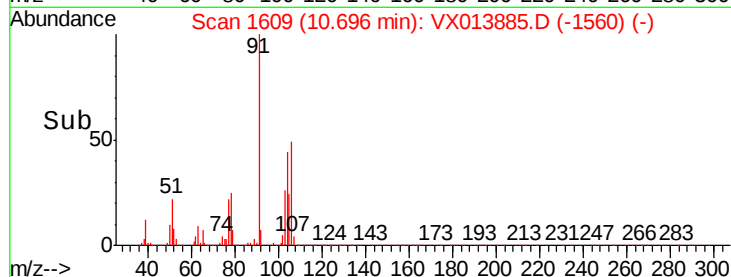
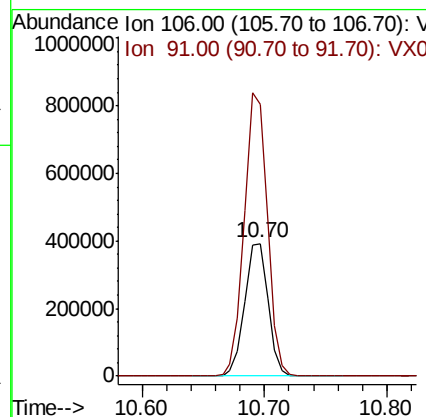
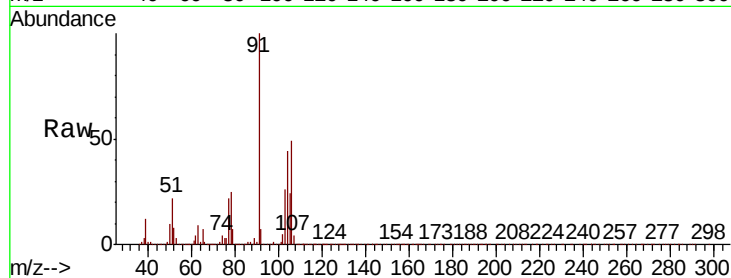




#69
o-Xylene
Concen: 48.364 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

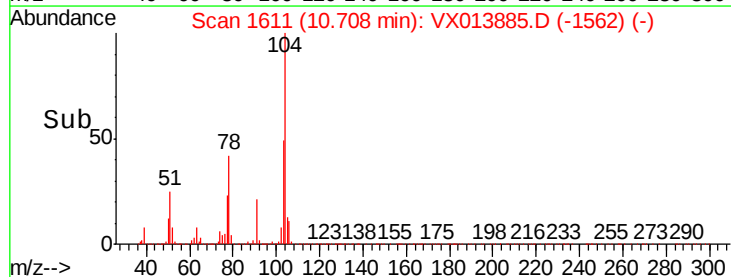
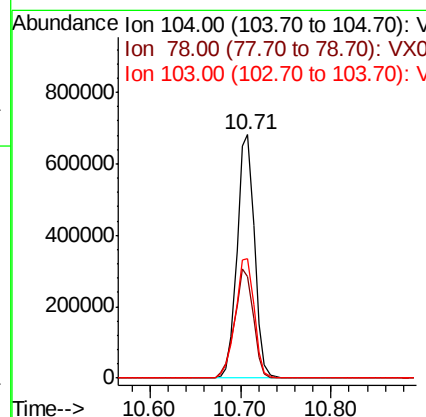
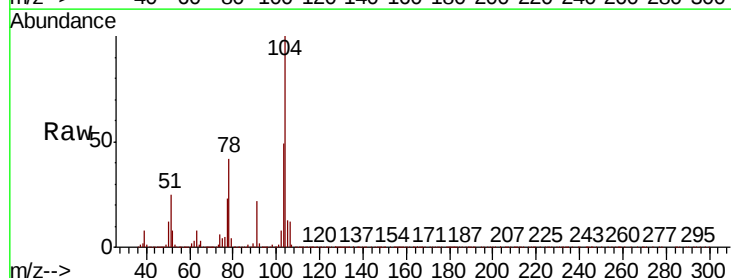
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

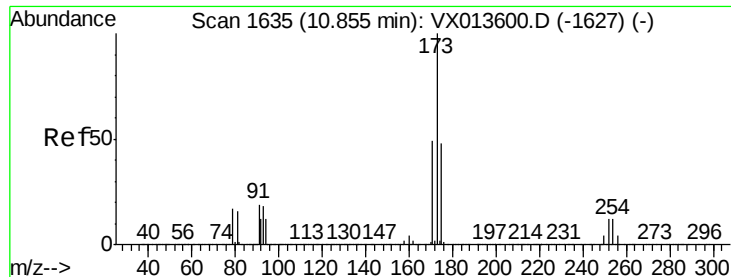
Tot Ion:106 Resp: 520696
Ion Ratio Lower Upper
106 100
91 209.8 104.1 312.2



#70
Styrene
Concen: 49.948 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion:104 Resp: 904594
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 53.9 43.7 65.5





#71

Bromoform

Concen: 50.047 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

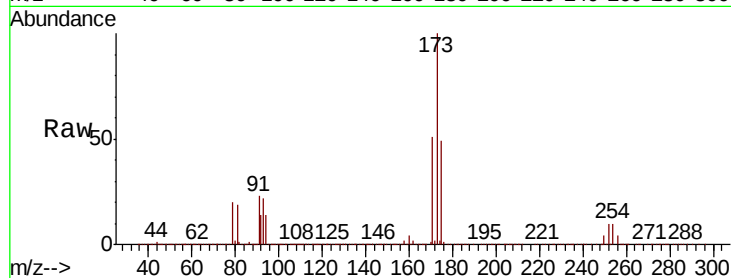
Tot Ion:173 Resp: 249507

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

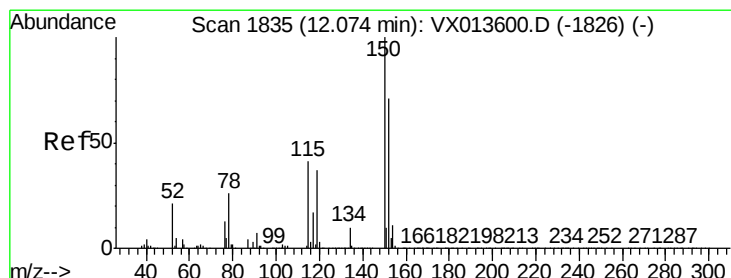
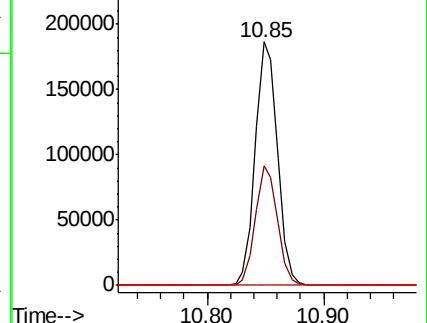
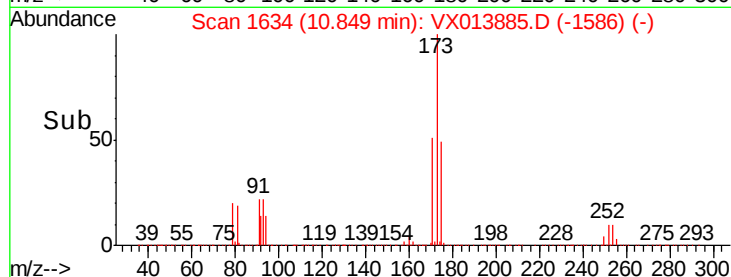
254 0.1 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

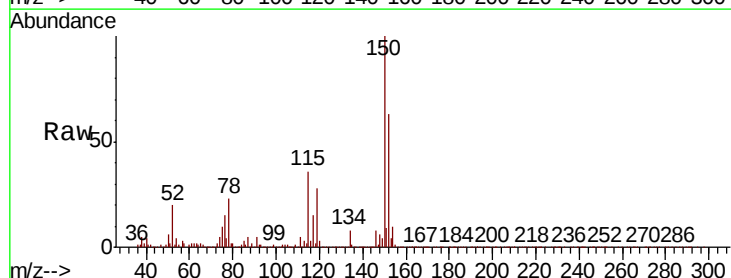
Tgt Ion:152 Resp: 403025

Ion Ratio Lower Upper

152 100

115 77.1 38.4 115.1

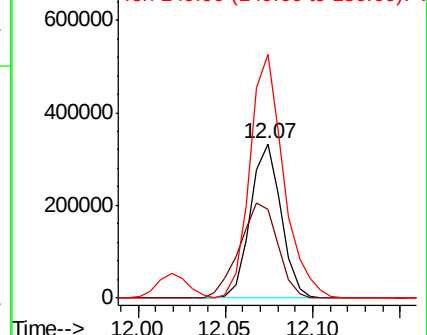
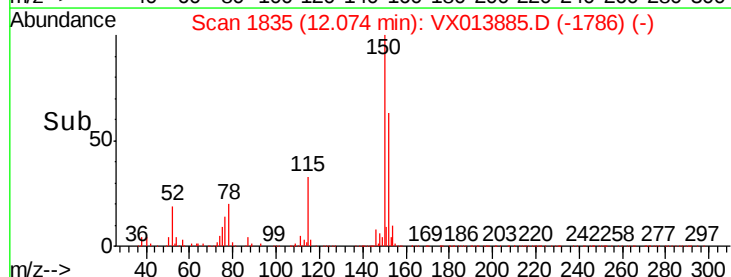
150 174.3 0.0 346.8

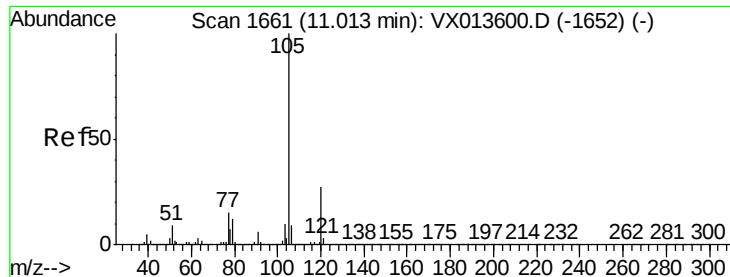


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.975 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

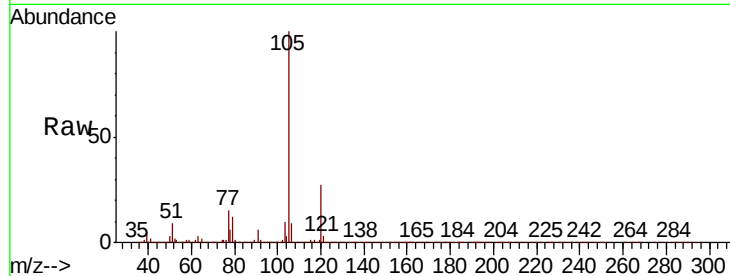
VSTDCCC050EC

Tot Ion:105 Resp: 1384557

Ion Ratio Lower Upper

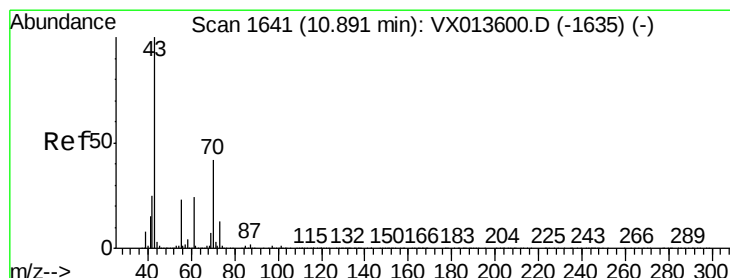
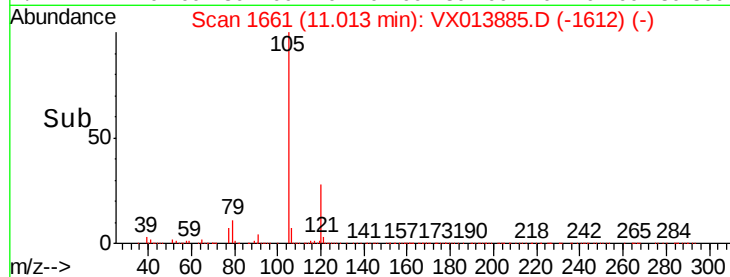
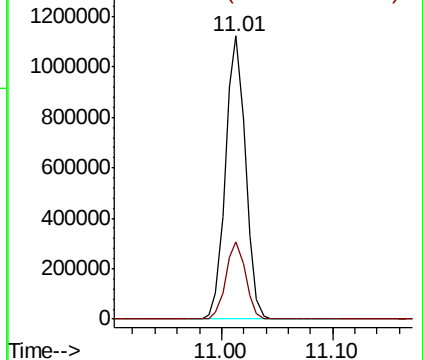
105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.598 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion: 43 Resp: 642311

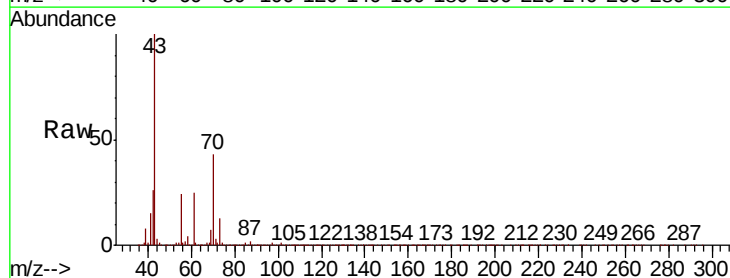
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 23.7 18.5 27.7

61 24.6 19.8 29.8

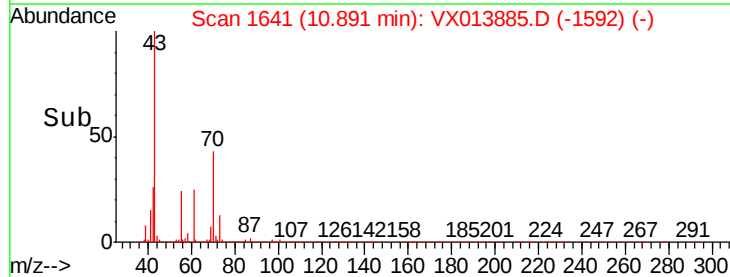
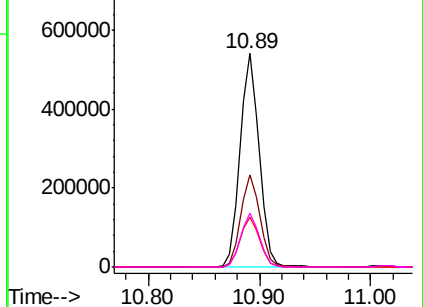


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.257 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

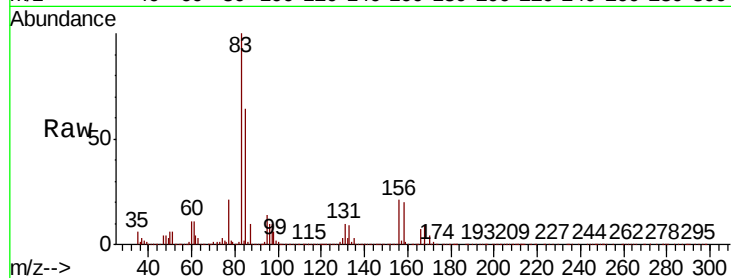
Tot Ion: 83 Resp: 473118

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

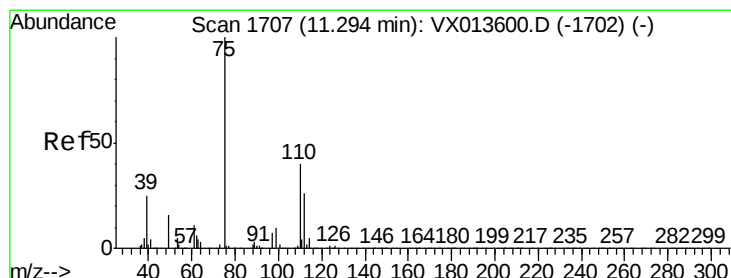
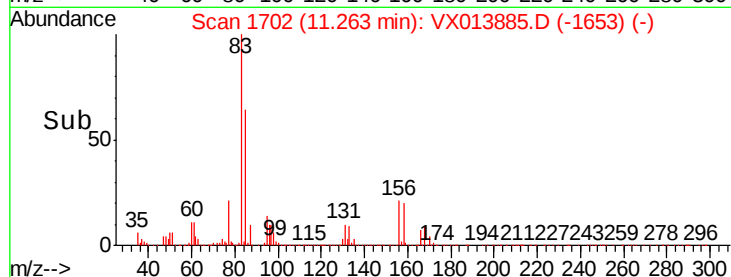
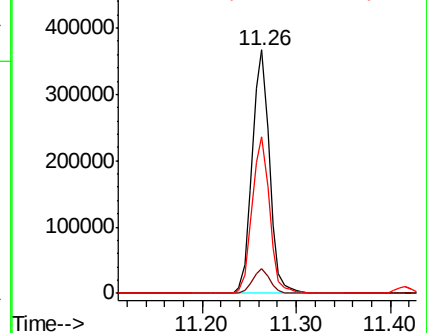
85 64.6 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.993 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013885.D

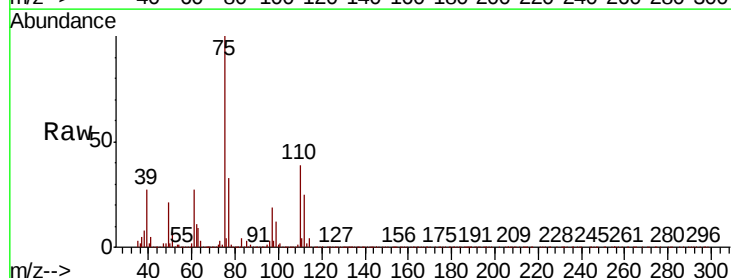
Acq: 10 Dec 2019 09:12

Tgt Ion: 75 Resp: 516631

Ion Ratio Lower Upper

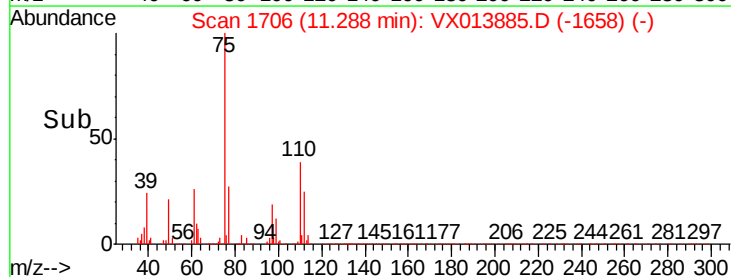
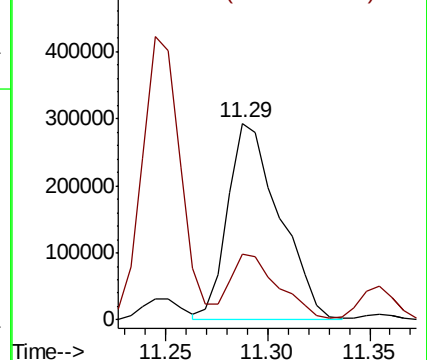
75 100

77 32.0 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.504 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

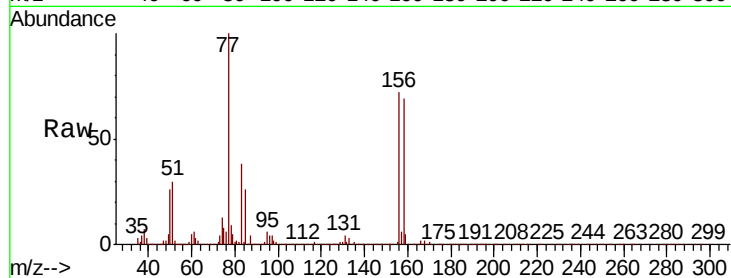
Tot Ion:156 Resp: 362806

Ion Ratio Lower Upper

156 100

77 150.1 74.4 223.1

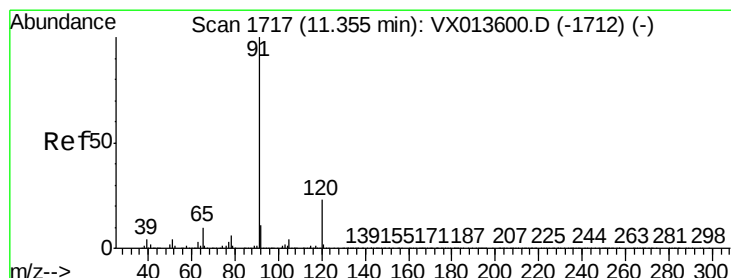
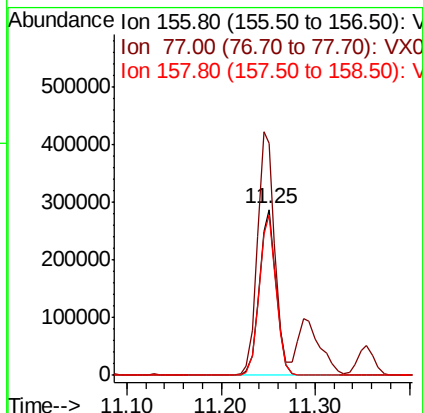
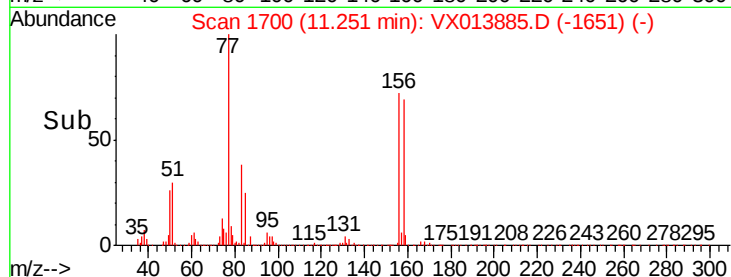
158 97.7 48.9 146.6



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: 49.721 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013885.D

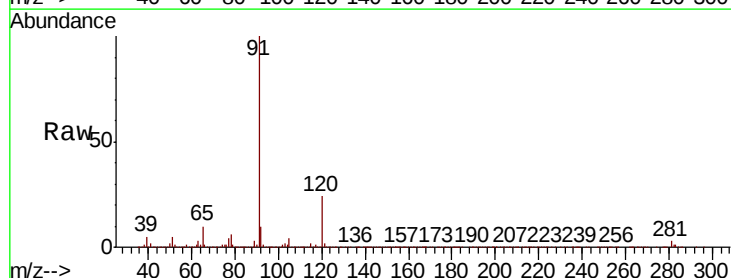
Acq: 10 Dec 2019 09:12

Tgt Ion: 91 Resp: 1569121

Ion Ratio Lower Upper

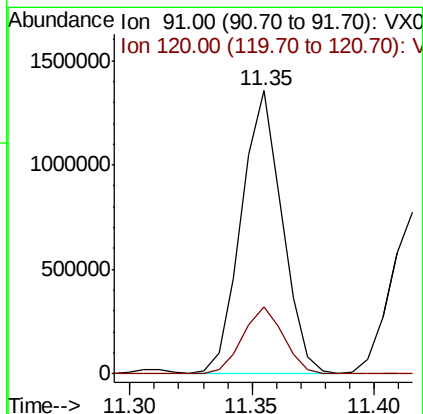
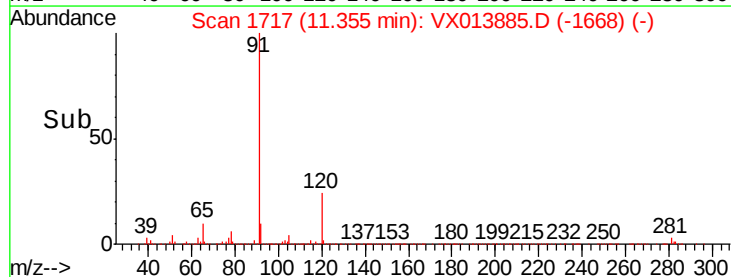
91 100

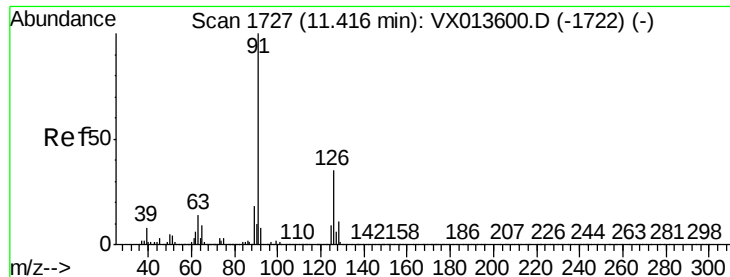
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.933 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

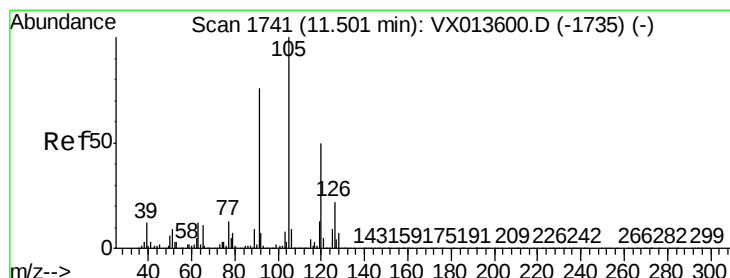
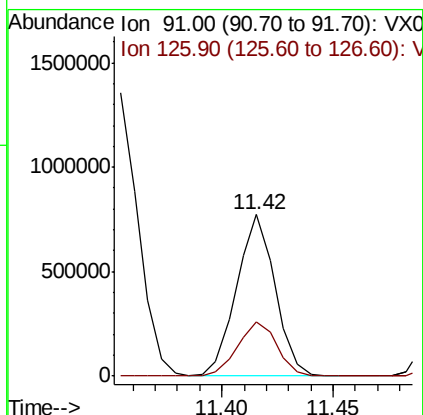
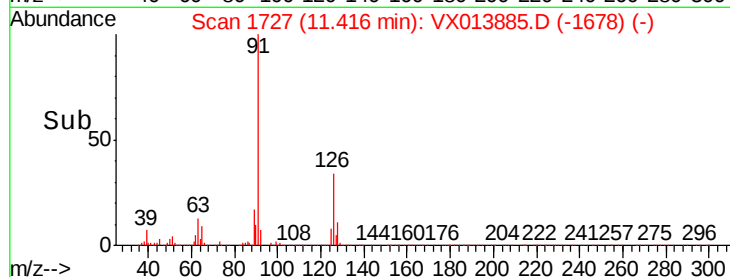
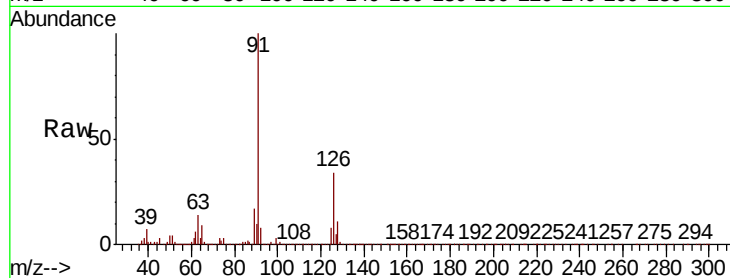
VSTDCCC050EC

Tot Ion: 91 Resp: 926361

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 49.850 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013885.D

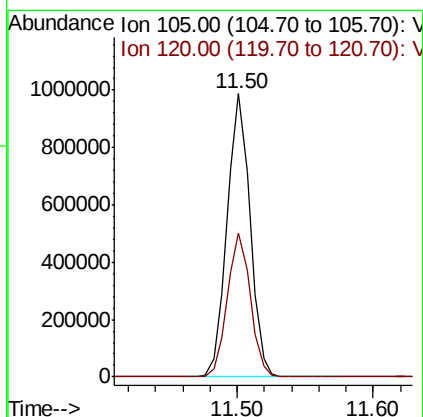
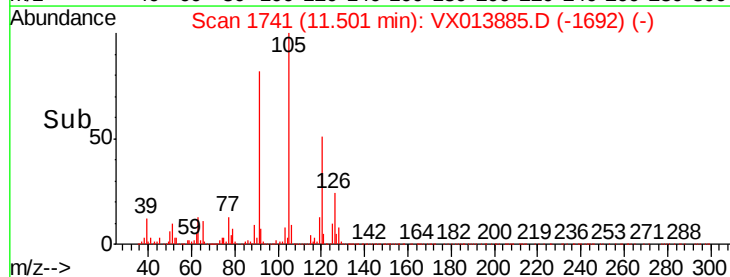
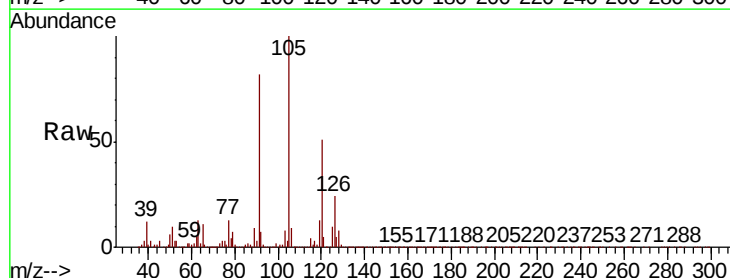
Acq: 10 Dec 2019 09:12

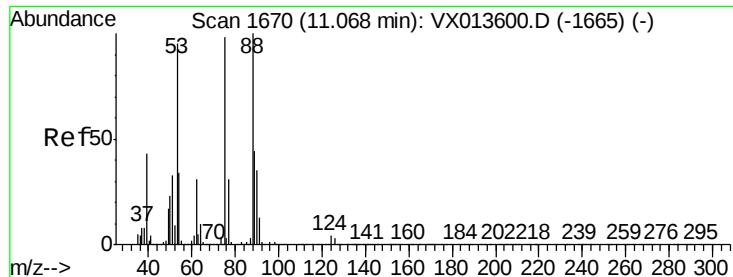
Tgt Ion: 105 Resp: 1155038

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.9

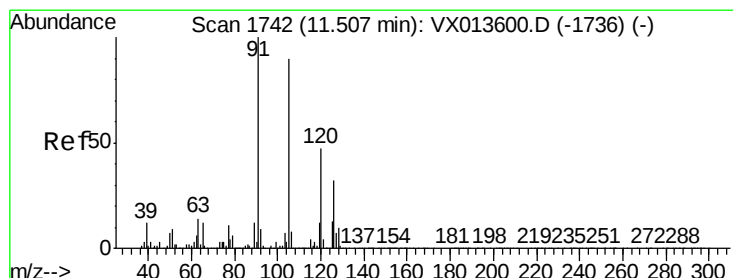
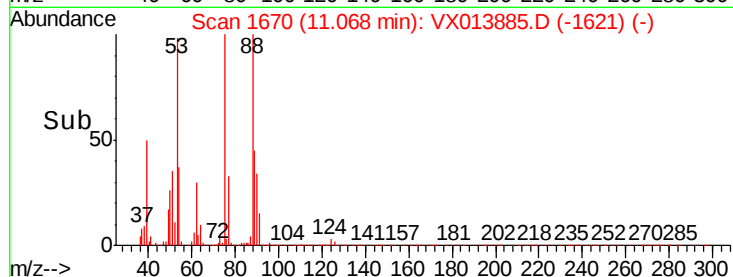
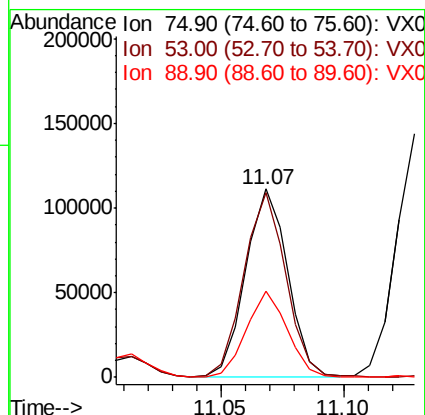
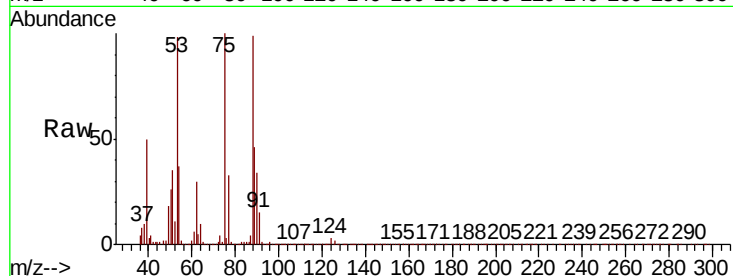




#81
trans-1,4-Dichloro-2-butene
Concen: 40.001 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

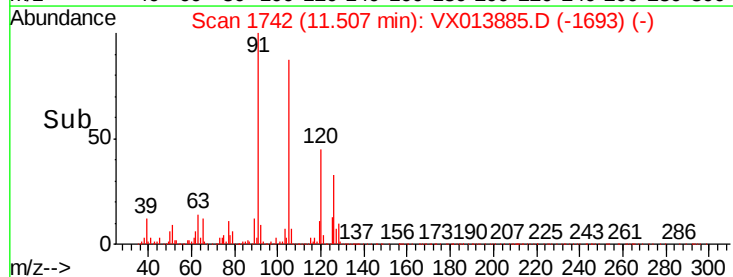
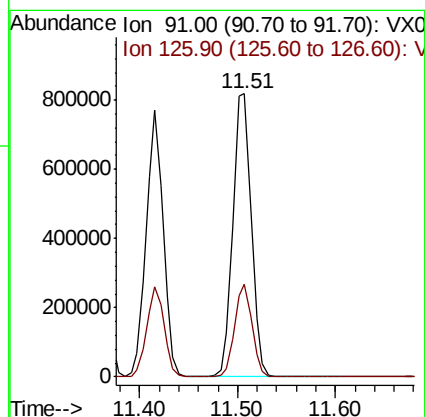
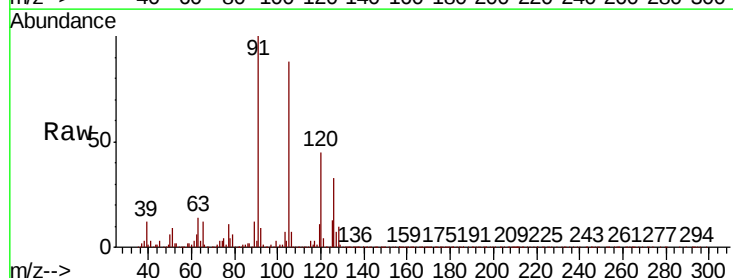
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

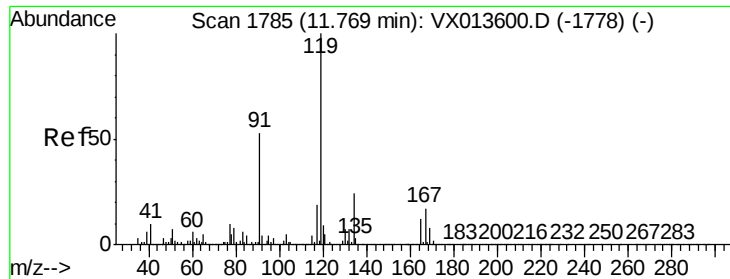
Tot Ion: 75 Resp: 132537
Ion Ratio Lower Upper
75 100
53 99.3 78.2 117.2
89 44.5 35.4 53.2



#82
4-Chlorotoluene
Concen: 48.892 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 91 Resp: 1072025
Ion Ratio Lower Upper
91 100
126 30.8 15.7 47.0





#83

tert-Butylbenzene

Concen: 46.431 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

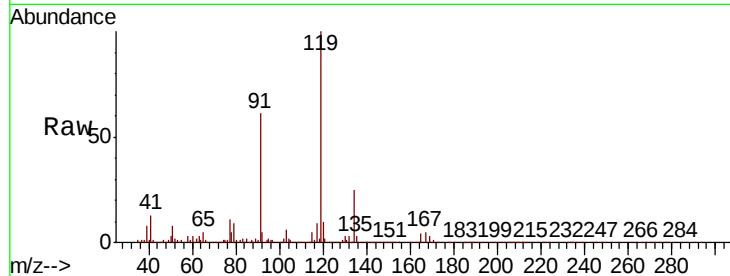
Tot Ion:119 Resp: 1093351

Ion Ratio Lower Upper

119 100

91 58.4 27.2 81.6

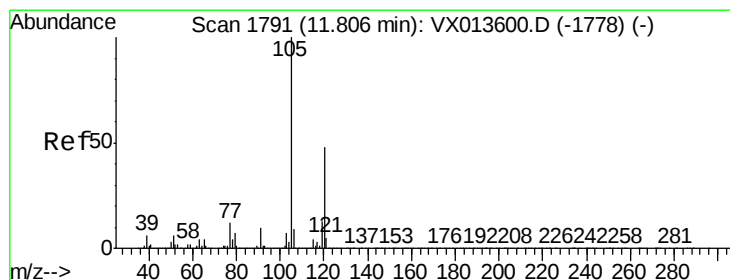
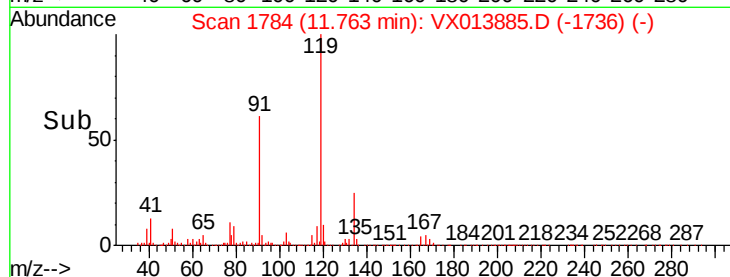
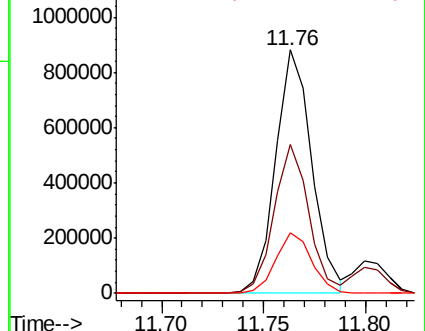
134 24.6 11.7 35.1



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: 48.937 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013885.D

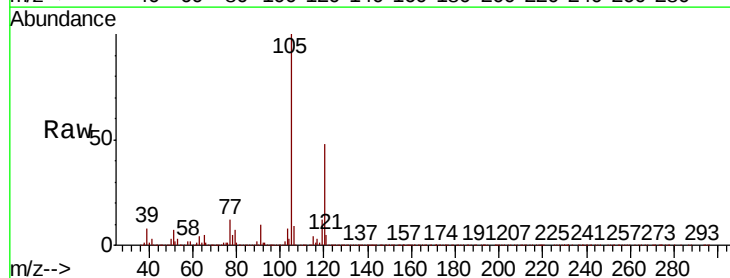
Acq: 10 Dec 2019 09:12

Tgt Ion:105 Resp: 1150781

Ion Ratio Lower Upper

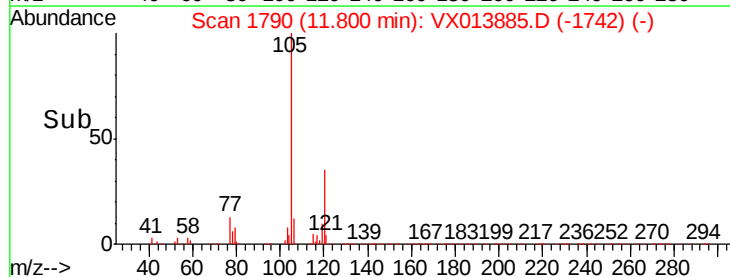
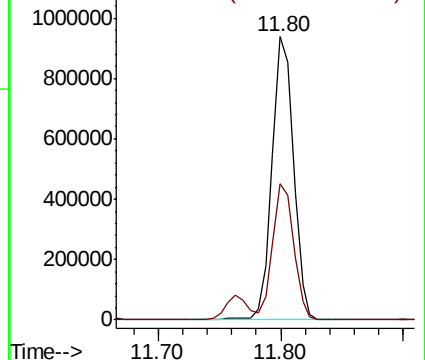
105 100

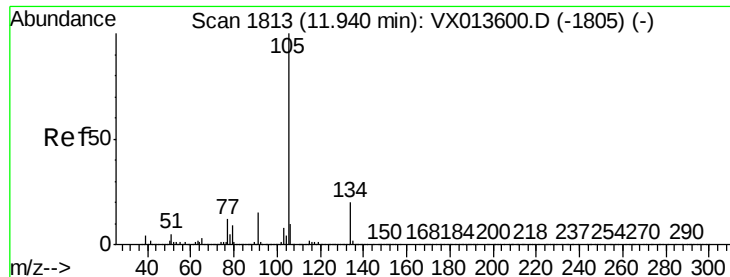
120 46.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.893 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

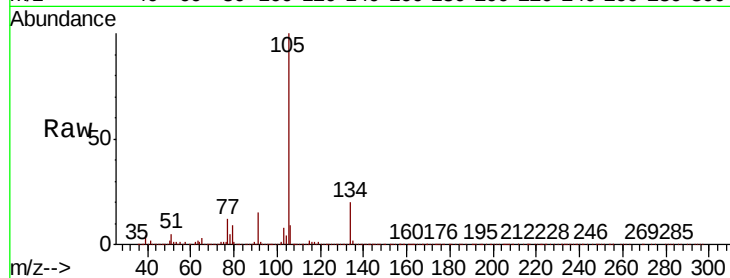
VSTDCCC050EC

Tot Ion:105 Resp: 1341959

Ion Ratio Lower Upper

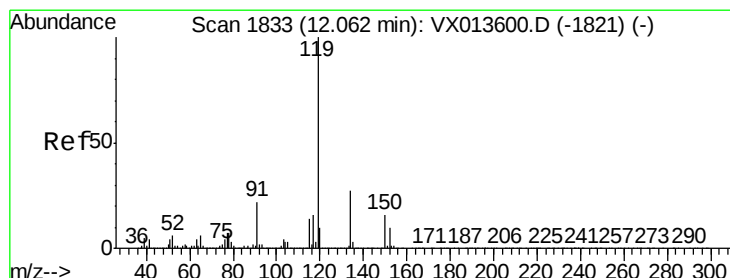
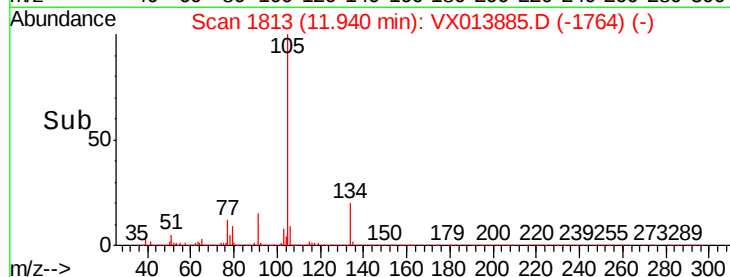
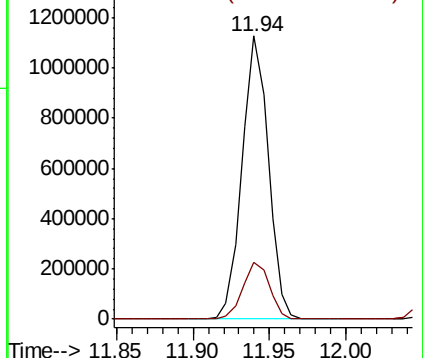
105 100

134 20.6 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: 48.837 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

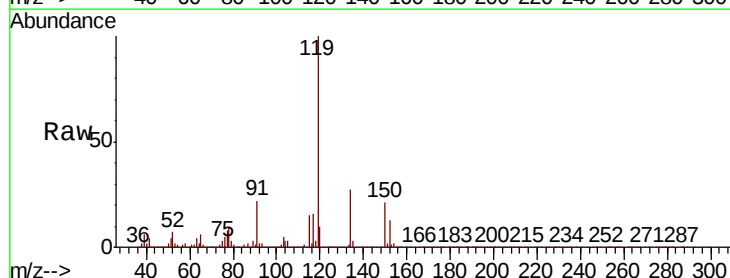
Tgt Ion:119 Resp: 1222007

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

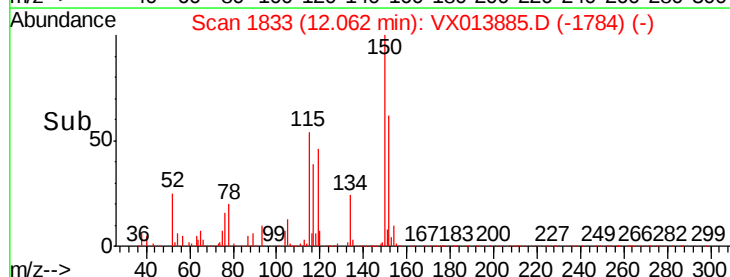
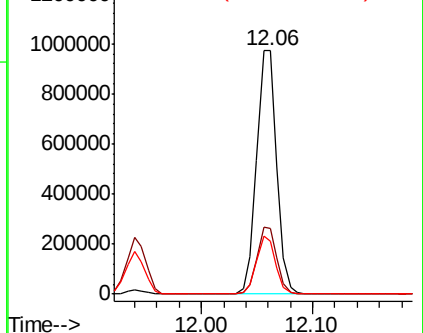
91 22.6 11.3 33.8

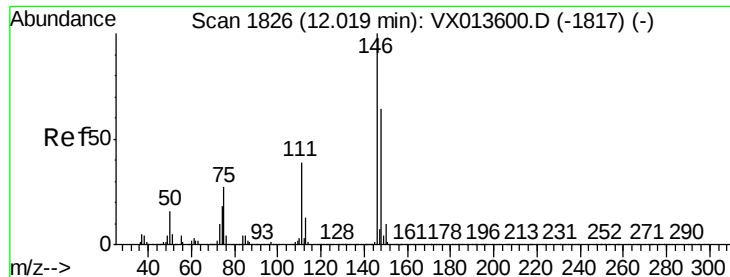


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

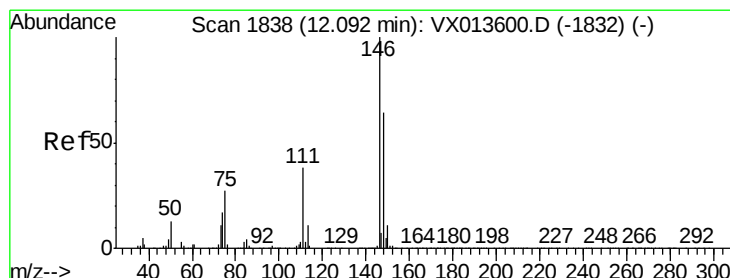
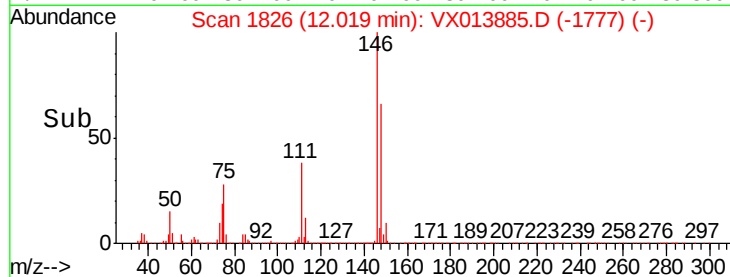
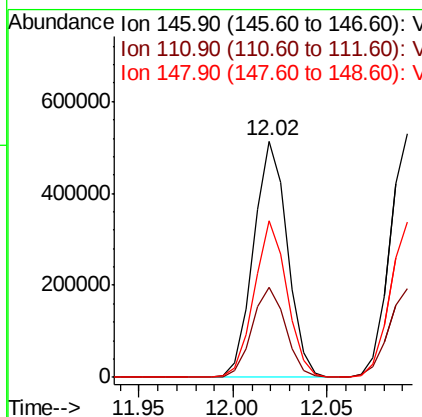
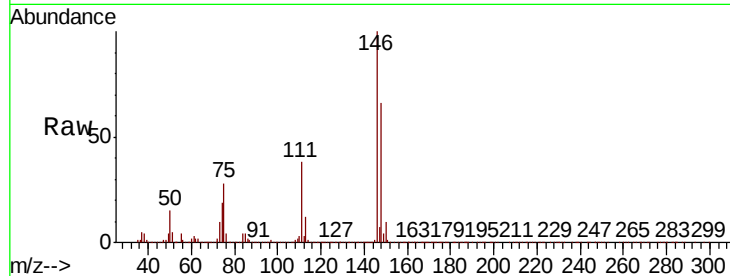




#87
 1,3-Dichlorobenzene
 Concen: 47.926 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

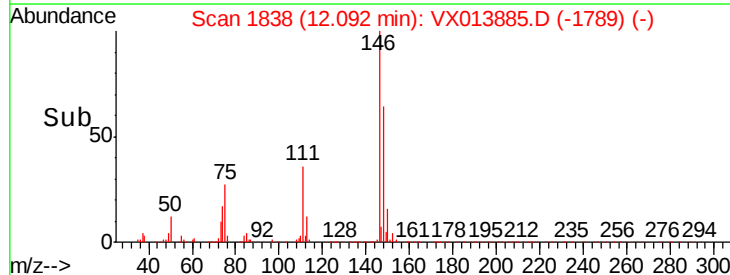
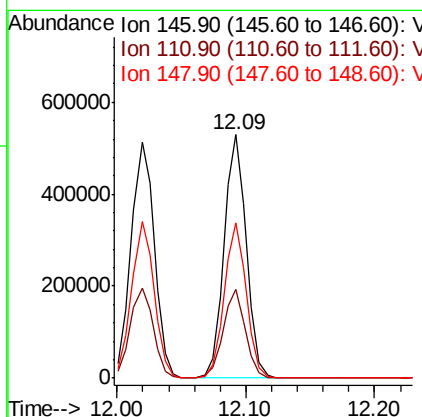
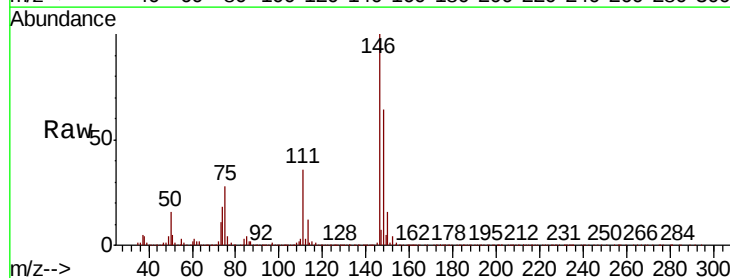
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

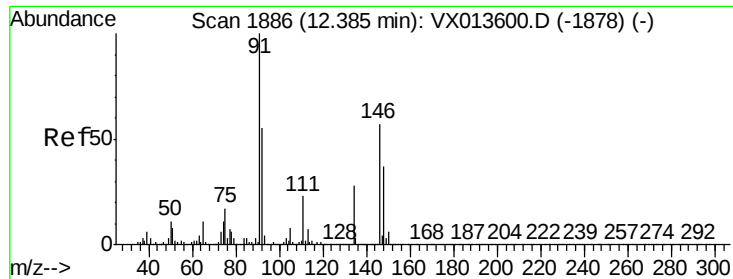
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.0	57.0
148	64.1	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.332 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.9
148	63.3	31.9	95.5

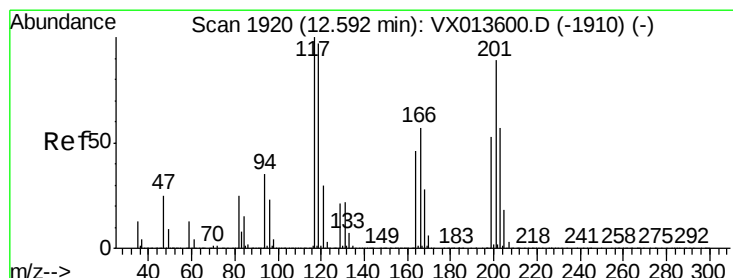
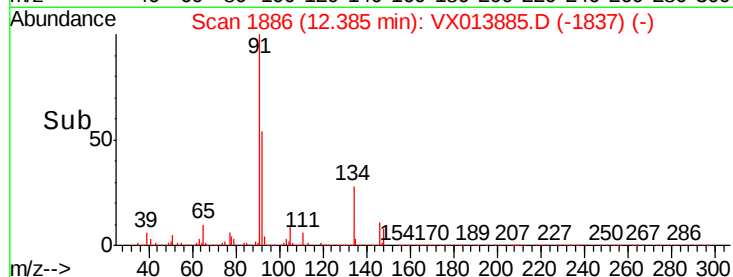
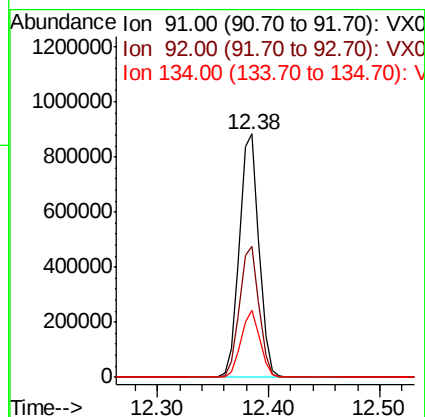
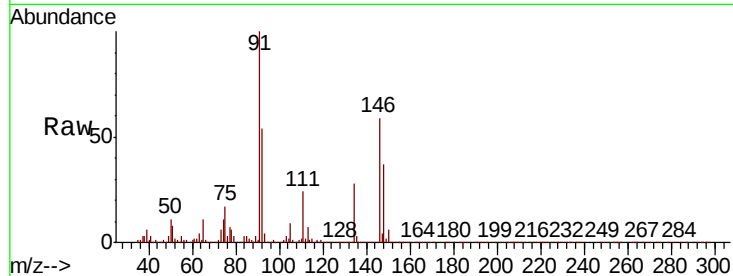




#89
n-Butylbenzene
Concen: 50.180 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

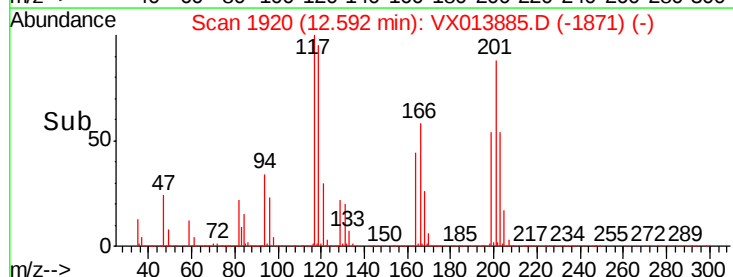
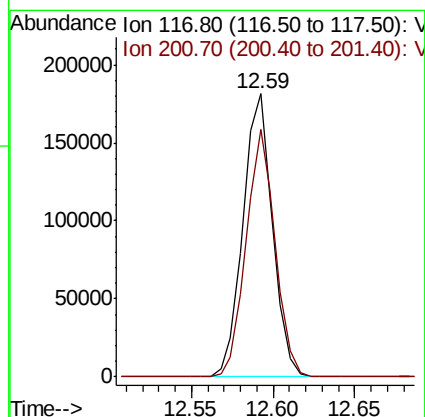
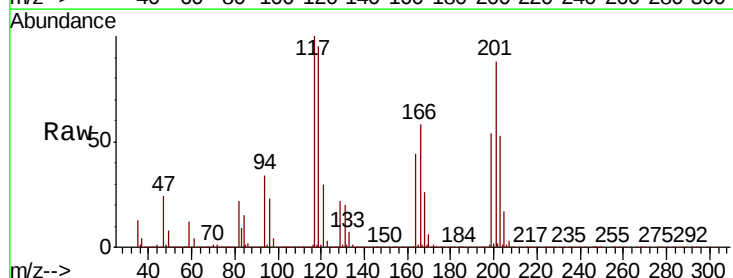
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

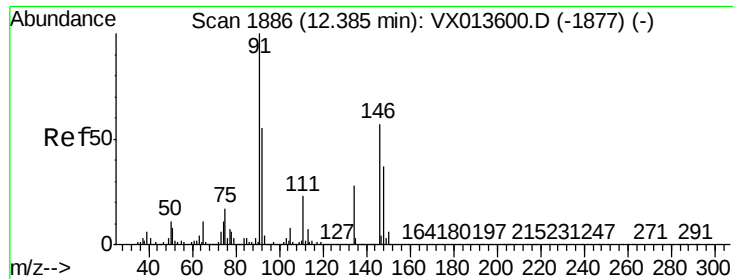
Tot Ion: 91 Resp: 1070908
Ion Ratio Lower Upper
91 100
92 53.8 27.4 82.2
134 26.7 13.5 40.4



#90
Hexachloroethane
Concen: 50.574 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 117 Resp: 228737
Ion Ratio Lower Upper
117 100
201 85.9 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 48.729 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

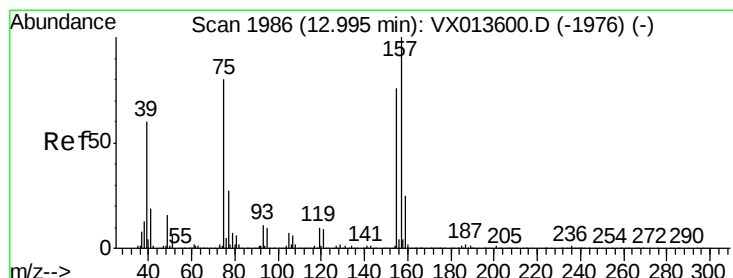
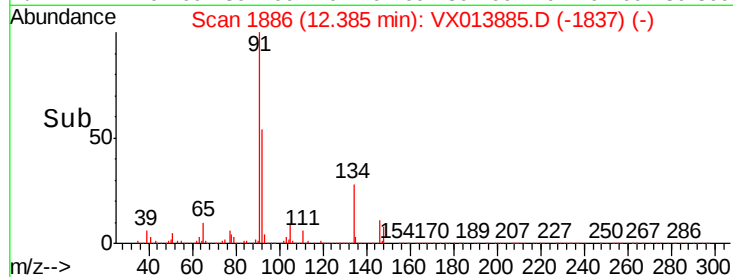
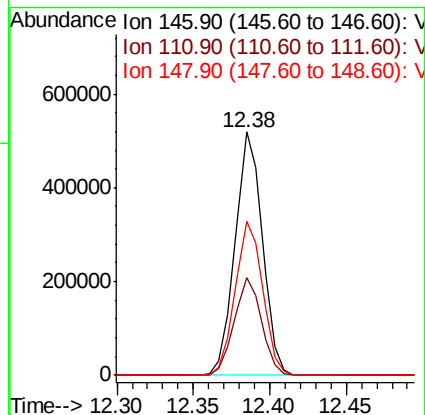
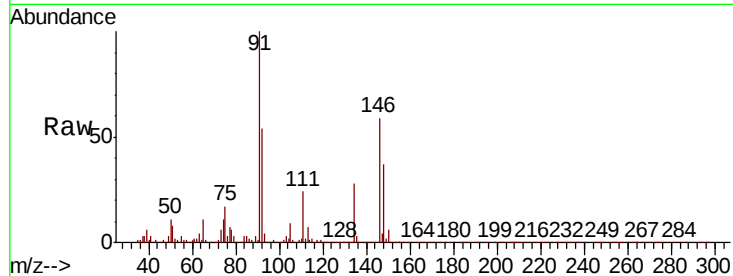
Tot Ion:146 Resp: 640980

Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.7

148 63.8 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.010 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

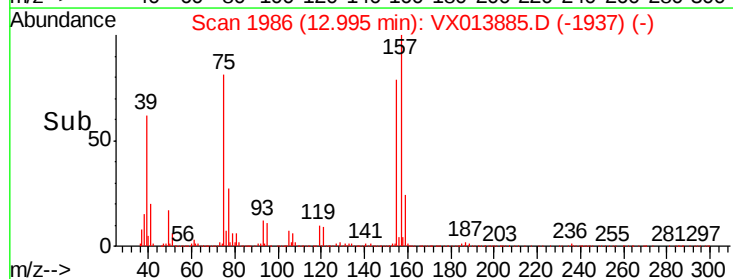
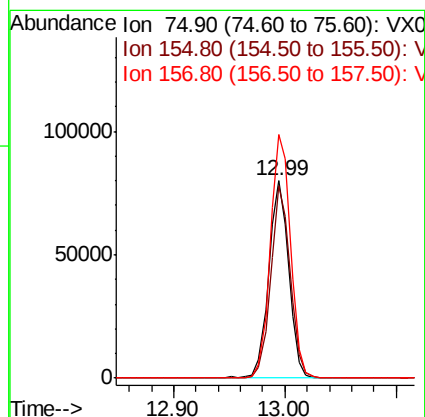
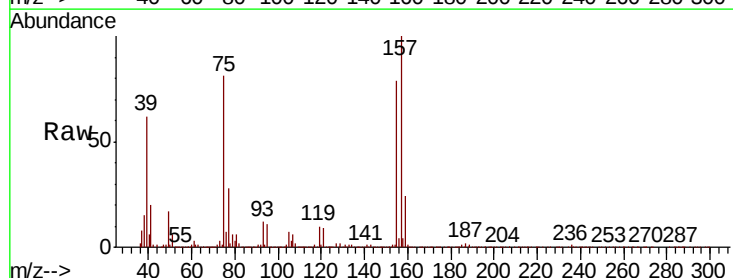
Tgt Ion: 75 Resp: 100367

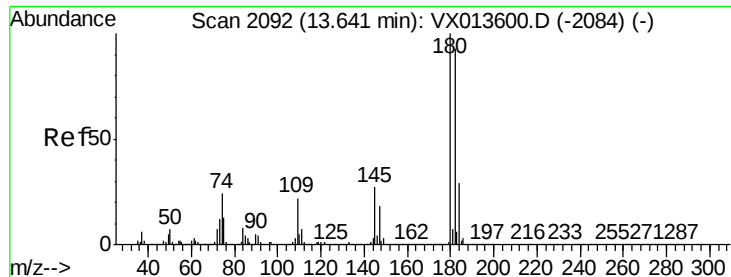
Ion Ratio Lower Upper

75 100

155 93.9 47.6 142.8

157 124.6 62.1 186.2

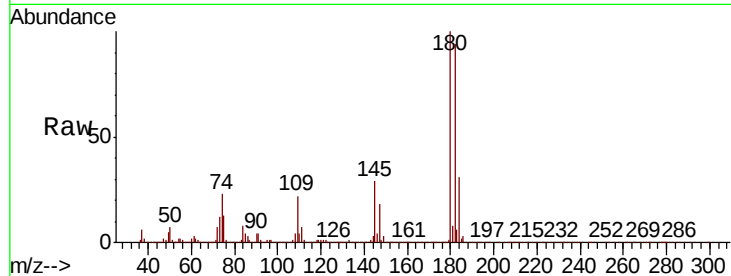




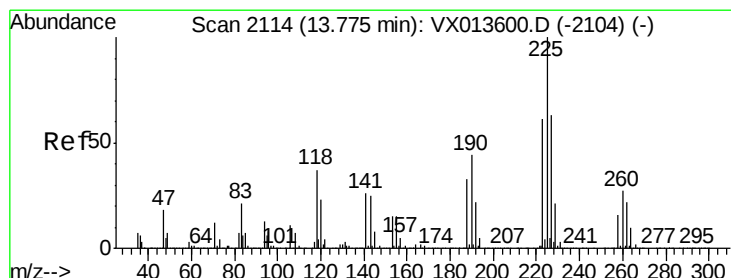
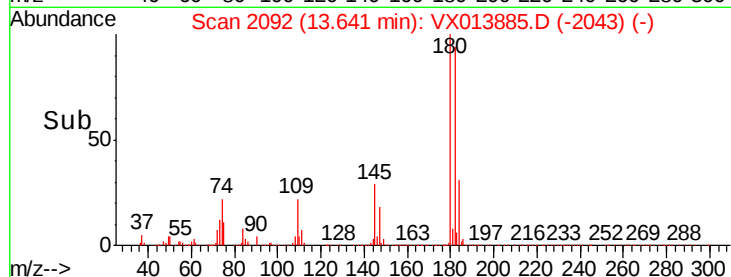
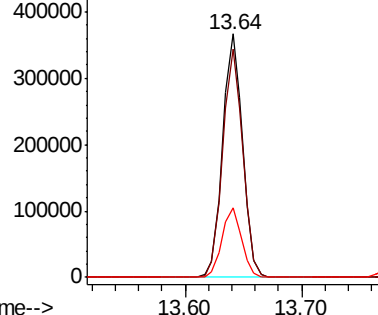
#93
 1,2,4-Trichlorobenzene
 Concen: 48.043 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.2	141.6
145	28.3	13.8	41.4

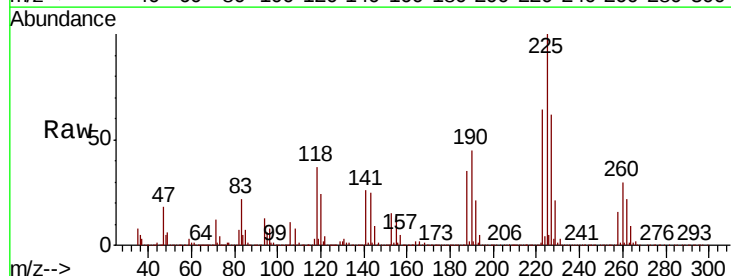


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

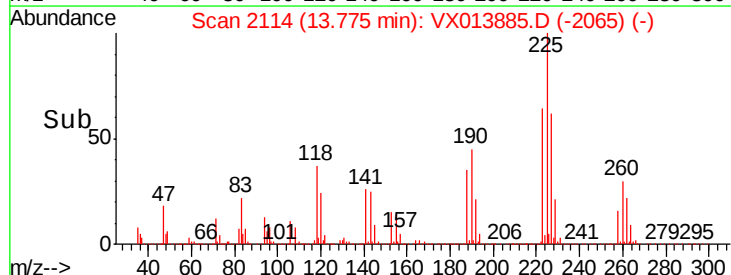
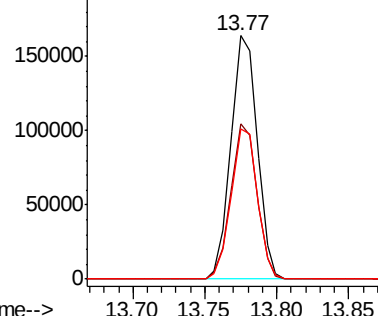


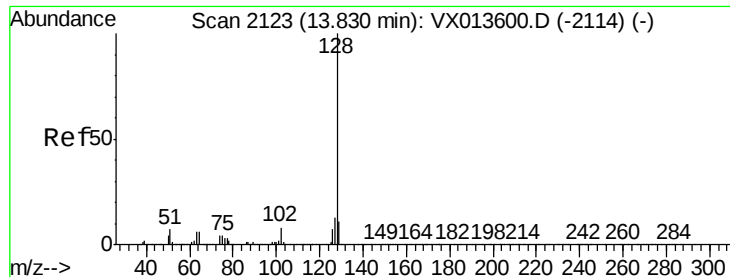
#94
 Hexachlorobutadiene
 Concen: 46.957 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.9	95.5
227	61.2	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.537 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

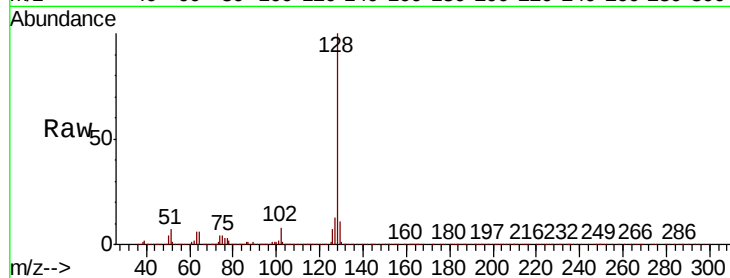
Tot Ion:128 Resp: 1352409

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

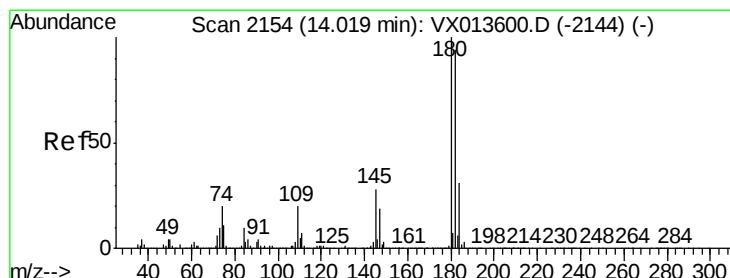
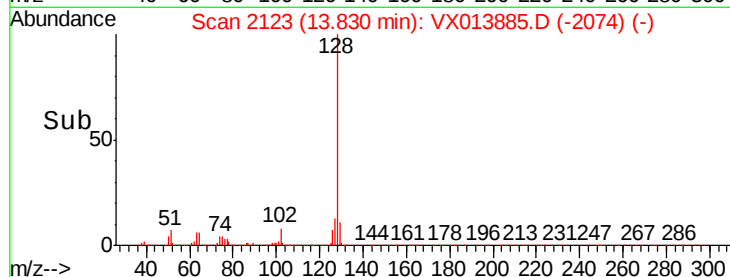
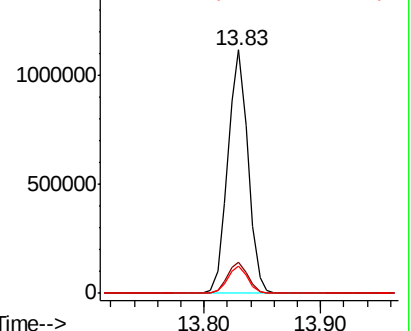
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.247 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

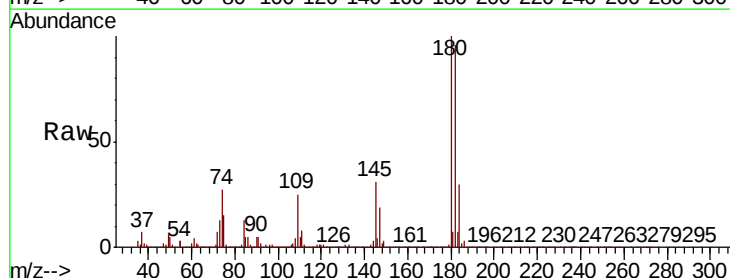
Tgt Ion:180 Resp: 437931

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.8

145 29.8 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

