

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013786.D
 Acq On : 06 Dec 2019 09:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 07 02:33:09 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	636911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	938570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	856373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	442964	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	336455	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	
35) Dibromofluoromethane	5.48	113	284722	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	1063552	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.13	95	398972	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	323143	45.582	ug/l	98
3) Chloromethane	1.32	50	342221	43.022	ug/l	100
4) Vinyl Chloride	1.40	62	407015	45.461	ug/l	100
5) Bromomethane	1.63	94	253935	42.234	ug/l	98
6) Chloroethane	1.71	64	218763	42.939	ug/l	97
7) Trichlorofluoromethane	1.92	101	445673	44.829	ug/l	100
8) Diethyl Ether	2.18	74	208507	46.359	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	279667	46.055	ug/l	98
10) Methyl Iodide	2.50	142	342865	46.676	ug/l	100
11) Tert butyl alcohol	3.03	59	356387	195.296	ug/l	99
12) 1,1-Dichloroethene	2.36	96	271098	44.726	ug/l	99
13) Acrolein	2.28	56	124912	105.898	ug/l	100
14) Allyl chloride	2.72	41	504050	45.824	ug/l	99
15) Acrylonitrile	3.13	53	854295	226.794	ug/l	99
16) Acetone	2.43	43	1035763	283.766	ug/l	99
17) Carbon Disulfide	2.56	76	724520	41.931	ug/l	100
18) Methyl Acetate	2.76	43	494471	48.649	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	971752	48.395	ug/l	99
20) Methylene Chloride	2.84	84	317374	45.259	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	295039	44.682	ug/l	98
22) Diisopropyl ether	3.84	45	1016229	47.980	ug/l	96
23) Vinyl Acetate	3.80	43	4238853	240.572	ug/l	100
24) 1,1-Dichloroethane	3.69	63	545431	47.107	ug/l	98
25) 2-Butanone	4.65	43	1352025	249.235	ug/l	99
26) 2,2-Dichloropropane	4.57	77	446520	46.611	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	345333	45.540	ug/l	99
28) Bromochloromethane	5.00	49	222394	48.604	ug/l	99
29) Tetrahydrofuran	5.11	42	762512	228.014	ug/l	99
30) Chloroform	5.20	83	533007	45.391	ug/l	98
31) Cyclohexane	5.56	56	483369	44.261	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	450401	45.900	ug/l	99
36) 1,1-Dichloropropene	5.79	75	398898	46.820	ug/l	99
37) Ethyl Acetate	4.81	43	467756	48.939	ug/l	99
38) Carbon Tetrachloride	5.77	117	390539	49.712	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	502032	47.670	ug/l	99
40) Benzene	6.13	78	1233829	47.549	ug/l	99
41) Methacrylonitrile	5.02	41	262909	50.156	ug/l	99
42) 1,2-Dichloroethane	6.18	62	439476	49.661	ug/l	99
43) Isopropyl Acetate	6.43	43	763448	48.518	ug/l	100
44) Trichloroethene	7.20	130	334071	46.910	ug/l	95
45) 1,2-Dichloropropane	7.50	63	325783	50.180	ug/l	98
46) Dibromomethane	7.65	93	212087	48.099	ug/l	97
47) Bromodichloromethane	7.89	83	429749	51.555	ug/l	97
48) Methyl methacrylate	7.76	41	389131	50.897	ug/l	100
49) 1,4-Dioxane	7.73	88	139500	815.144	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2406049	243.085	ug/l	100
52) Toluene	8.78	92	782177	48.521	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	485762	51.197	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	533066	51.424	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	329711	50.754	ug/l	99
56) Ethyl methacrylate	9.17	69	531945	50.932	ug/l	99
57) 1,3-Dichloropropane	9.36	76	545762	48.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	979149	239.113	ug/l	100
59) 2-Hexanone	9.48	43	1918683	248.544	ug/l	100
60) Dibromochloromethane	9.57	129	350564	51.999	ug/l	99
61) 1,2-Dibromoethane	9.67	107	343364	49.489	ug/l	99
64) Tetrachloroethene	9.33	164	301510	47.212	ug/l	97
65) Chlorobenzene	10.13	112	863549	48.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	321864	50.412	ug/l	99
67) Ethyl Benzene	10.25	91	1494543	48.916	ug/l	98
68) m/p-Xylenes	10.36	106	1149126	98.238	ug/l	99
69) o-Xylene	10.70	106	558827	48.984	ug/l	98
70) Styrene	10.71	104	968826	50.484	ug/l	100
71) Bromoform	10.85	173	279368	52.883	ug/l #	99
73) Isopropylbenzene	11.01	105	1483794	47.753	ug/l	100
74) N-amyl acetate	10.89	43	697226	48.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	518943	48.159	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	597001	59.922	ug/l	90
77) Bromobenzene	11.25	156	393387	46.864	ug/l	99
78) n-propylbenzene	11.35	91	1689375	48.704	ug/l	100
79) 2-Chlorotoluene	11.42	91	994788	47.810	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1249109	49.049	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	175997	48.328	ug/l	98
82) 4-Chlorotoluene	11.51	91	1156040	47.970	ug/l	100
83) tert-Butylbenzene	11.76	119	1267453	48.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1254631	48.543	ug/l	100
85) sec-Butylbenzene	11.94	105	1459116	49.357	ug/l	100
86) p-Isopropyltoluene	12.06	119	1351430	49.140	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	696599	47.606	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	704729	47.284	ug/l	99
89) n-Butylbenzene	12.39	91	1177740	50.210	ug/l	100
90) Hexachloroethane	12.59	117	245045	49.295	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	701903	48.549	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	111080	47.337	ug/l	98

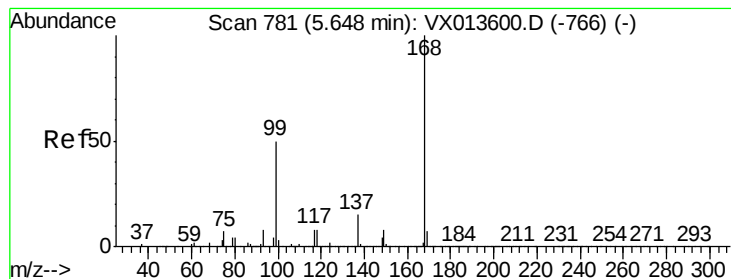
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	492752	48.904	ug/l	98
94) Hexachlorobutadiene	13.78	225	230160	47.551	ug/l	99
95) Naphthalene	13.83	128	1504692	50.146	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	493783	49.495	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: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

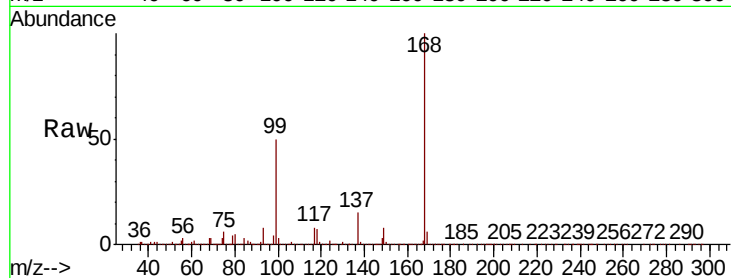
VSTDCCC050

Tot Ion:168 Resp: 636911

Ion Ratio Lower Upper

168 100

99 49.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

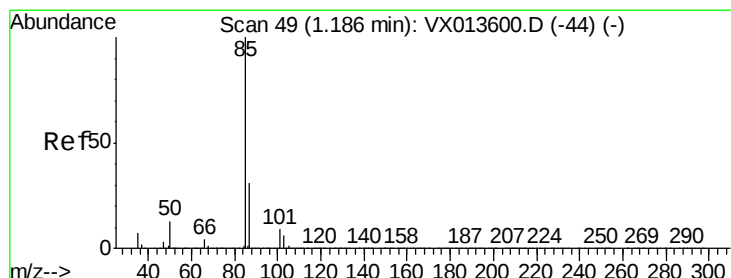
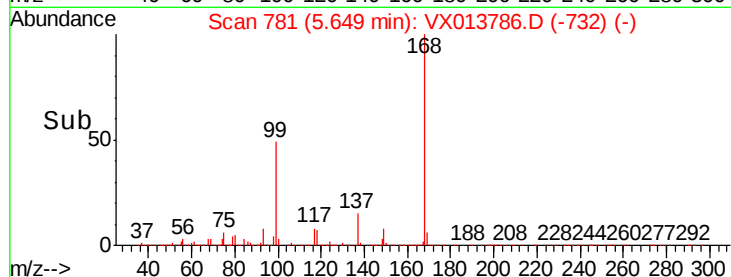
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.582 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013786.D

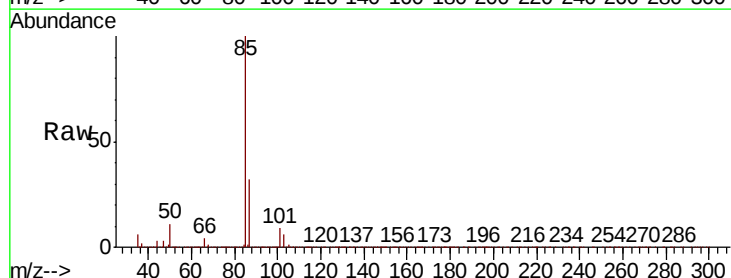
Acq: 06 Dec 2019 09:29

Tgt Ion: 85 Resp: 323143

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

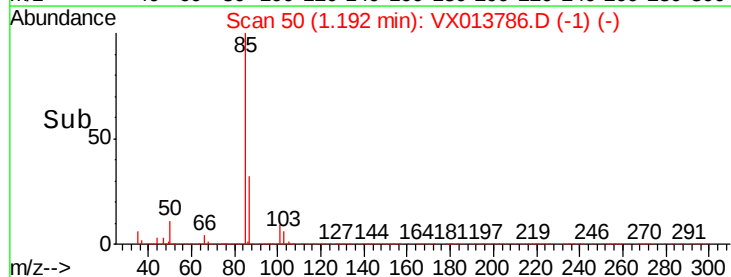
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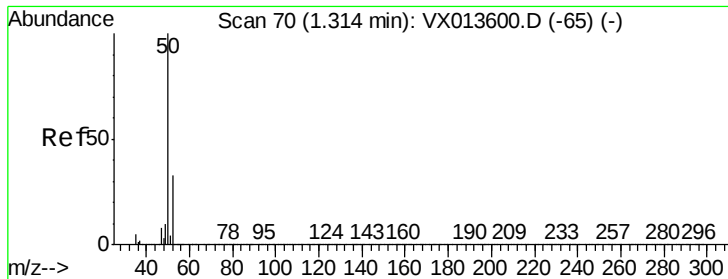
200000

100000

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Time-->





#3

Chloromethane

Concen: 43.022 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

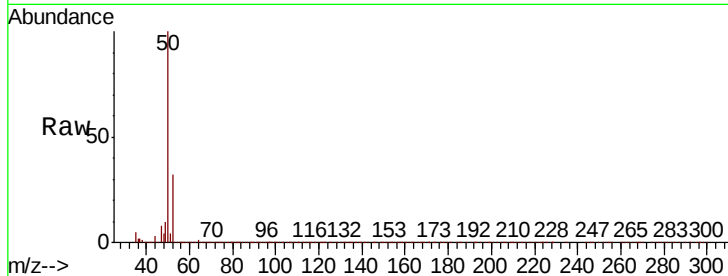
VSTDCCC050

Tot Ion: 50 Resp: 342221

Ion Ratio Lower Upper

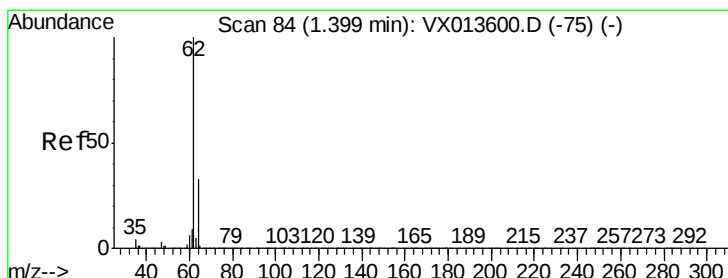
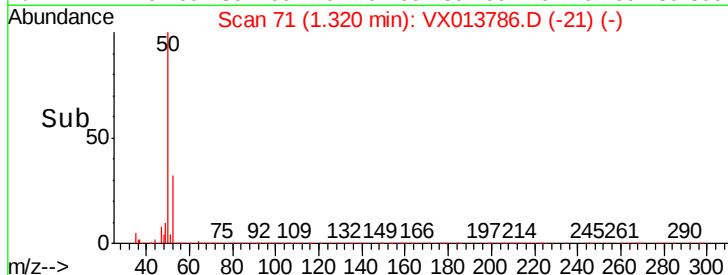
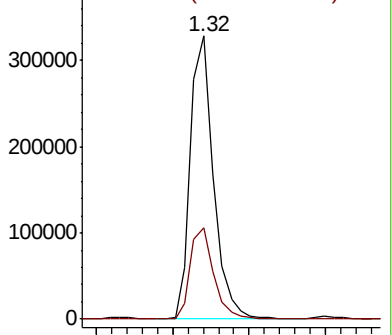
50 100

52 32.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.461 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013786.D

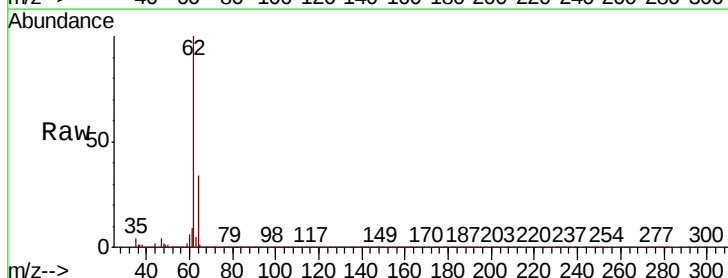
Acq: 06 Dec 2019 09:29

Tgt Ion: 62 Resp: 407015

Ion Ratio Lower Upper

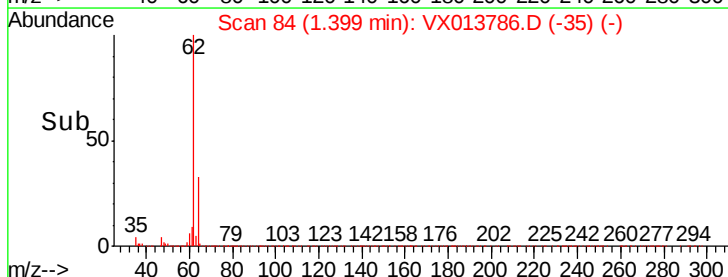
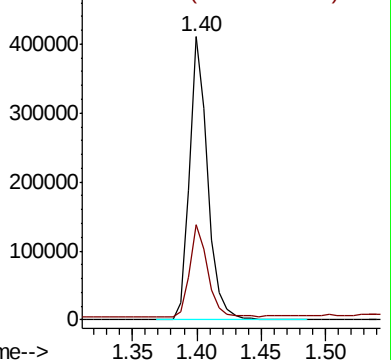
62 100

64 32.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.234 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

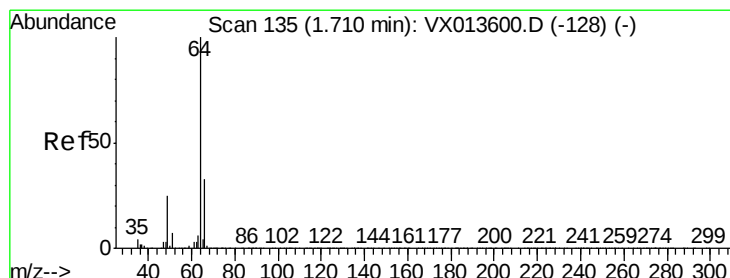
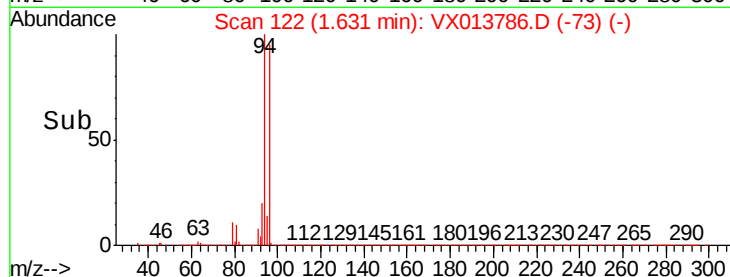
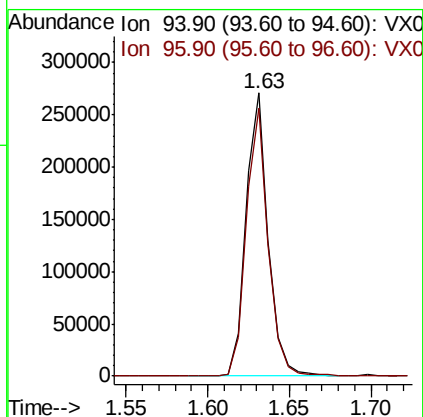
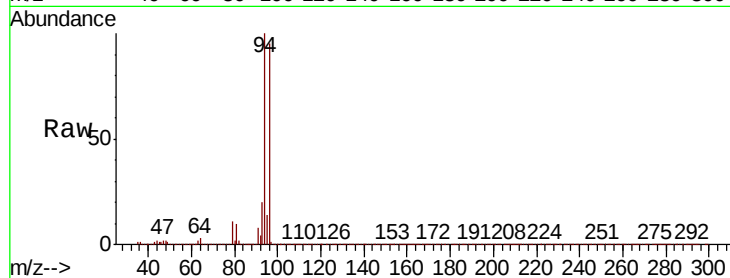
VSTDCCC050

Tot Ion: 94 Resp: 253935

Ion Ratio Lower Upper

94 100

96 94.7 77.0 115.4



#6

Chloroethane

Concen: 42.939 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013786.D

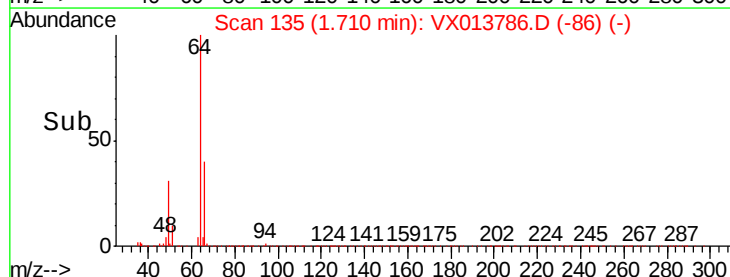
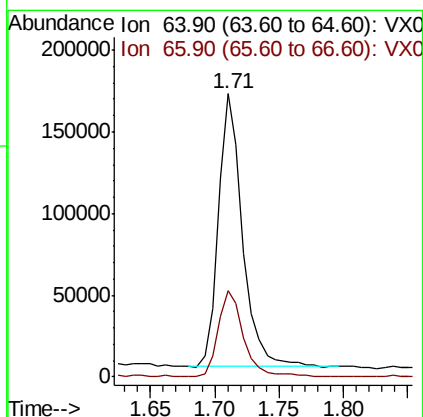
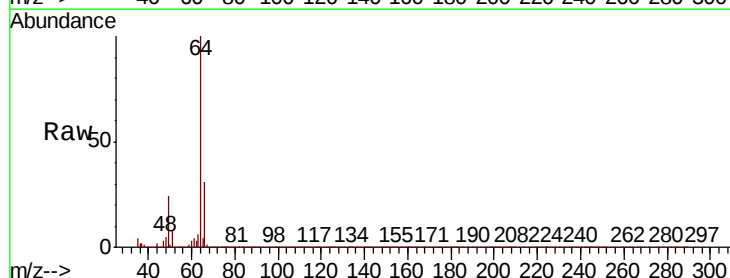
Acq: 06 Dec 2019 09:29

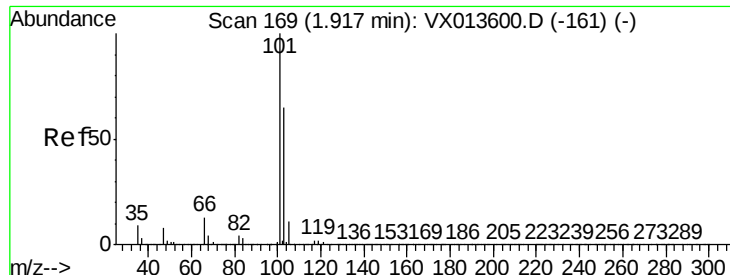
Tgt Ion: 64 Resp: 218763

Ion Ratio Lower Upper

64 100

66 31.5 26.7 40.1



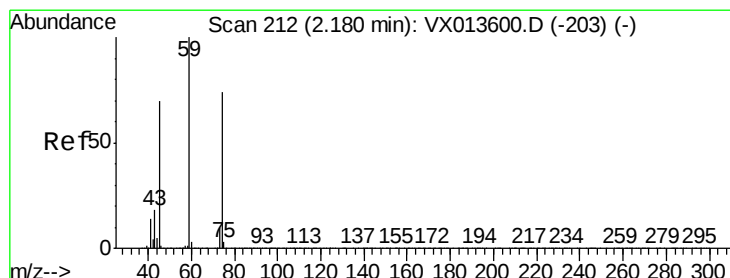
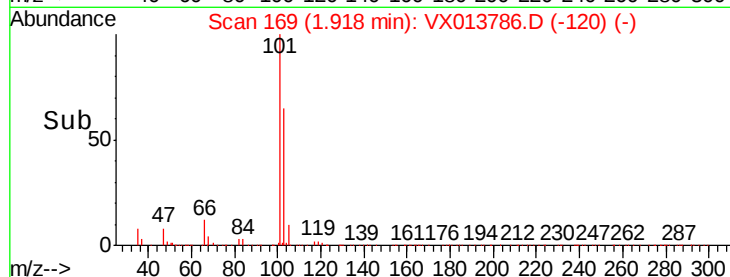
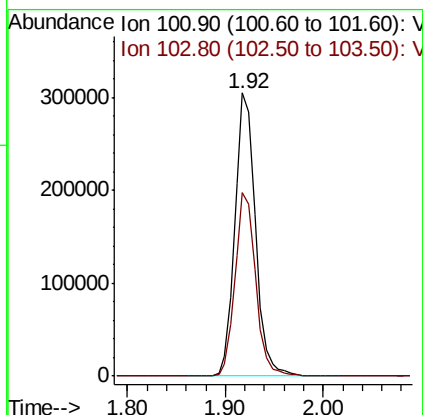
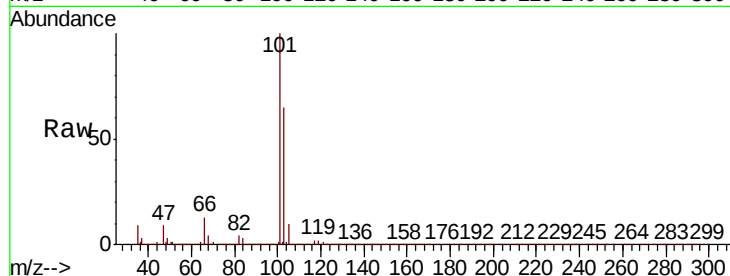


#7

Trichlorofluoromethane
Concen: 44.829 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

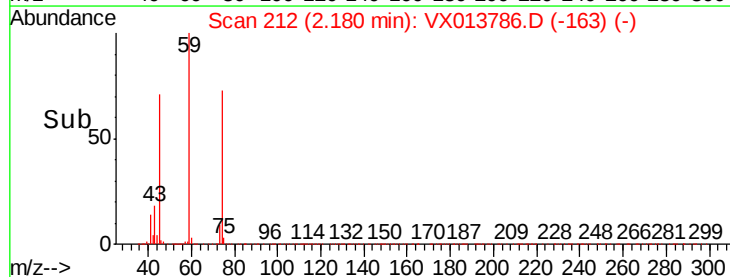
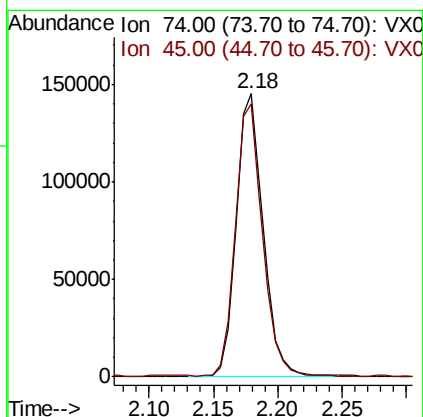
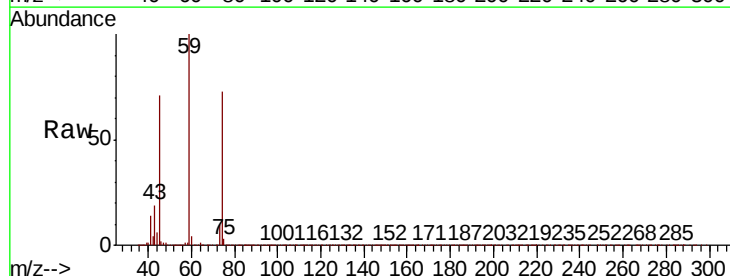
Tot Ion:101 Resp: 445673
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

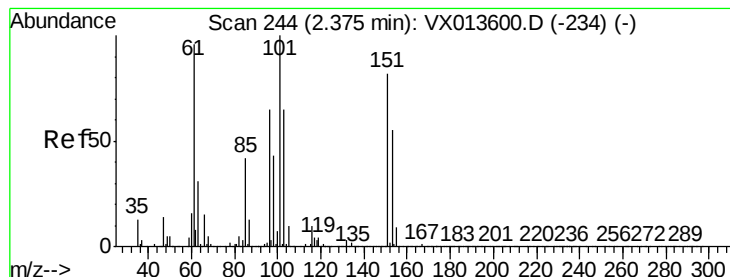


#8

Diethyl Ether
Concen: 46.359 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 74 Resp: 208507
Ion Ratio Lower Upper
74 100
45 97.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.055 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

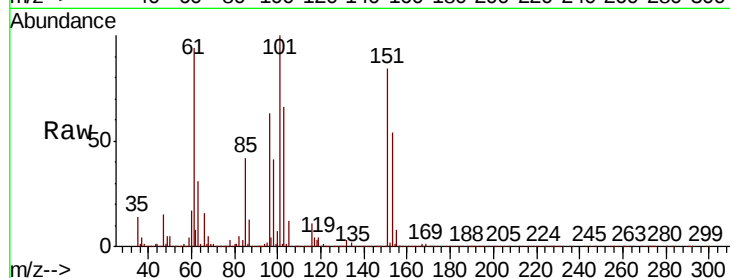
Tot Ion:101 Resp: 279667

Ion Ratio Lower Upper

101 100

85 42.3 33.9 50.9

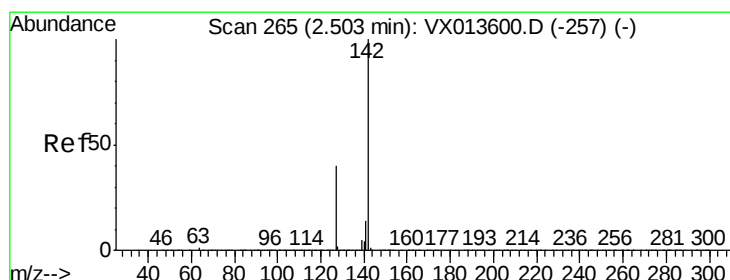
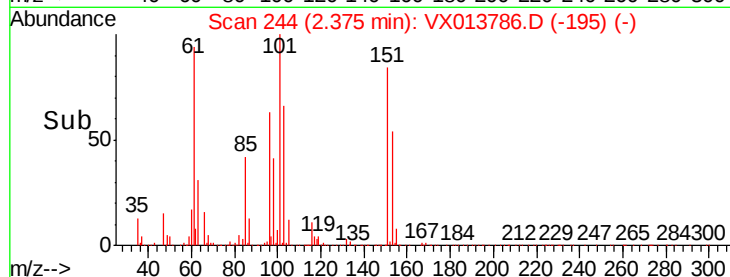
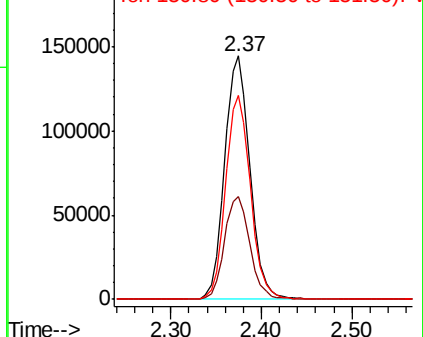
151 82.1 64.2 96.2



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: 46.676 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

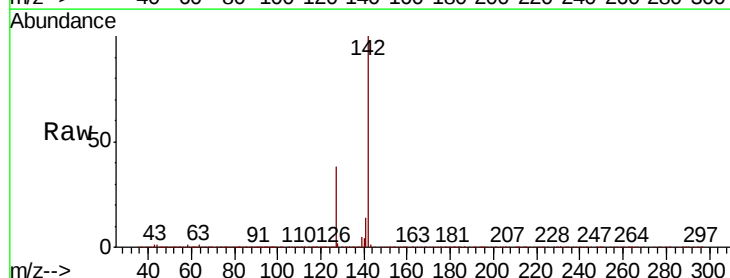
Tgt Ion:142 Resp: 342865

Ion Ratio Lower Upper

142 100

127 38.6 31.0 46.4

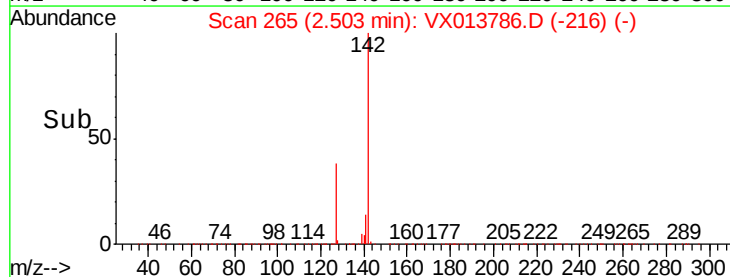
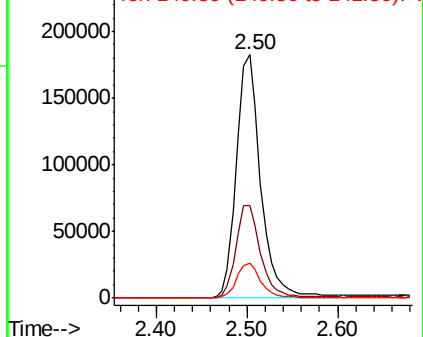
141 14.6 11.6 17.4

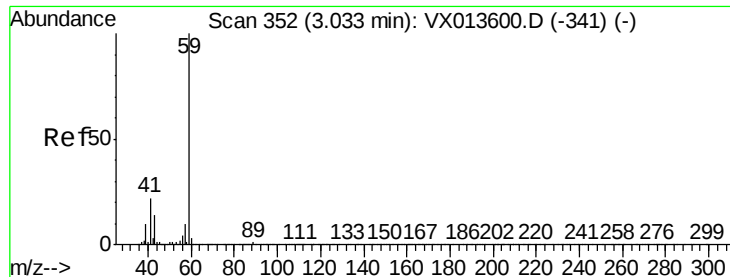


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



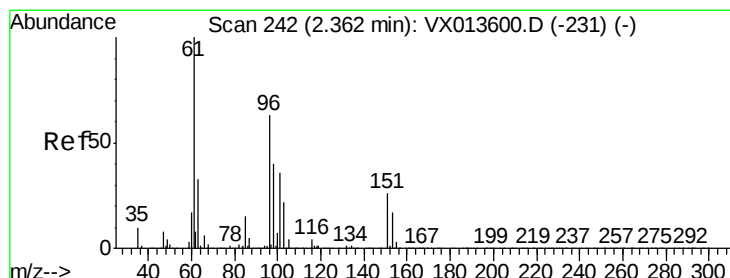
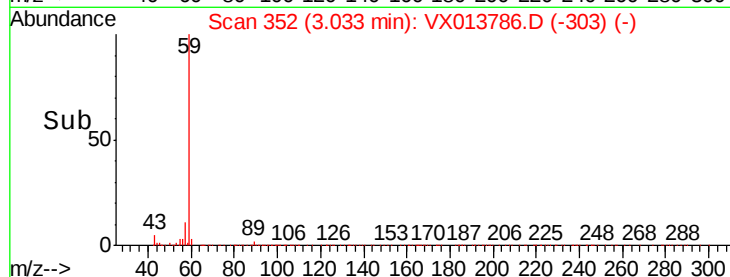
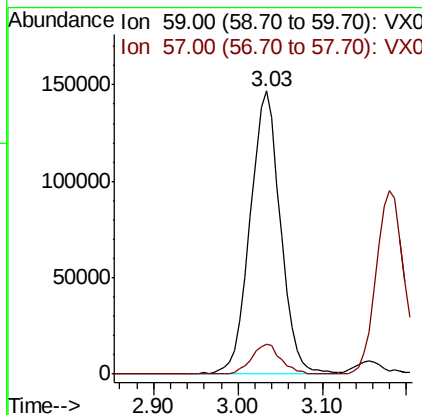
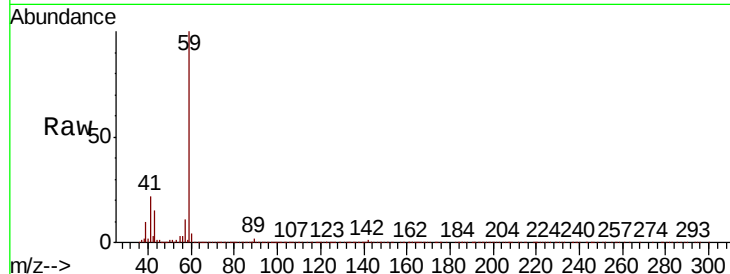


#11

Tert butyl alcohol
Concen: 195.296 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

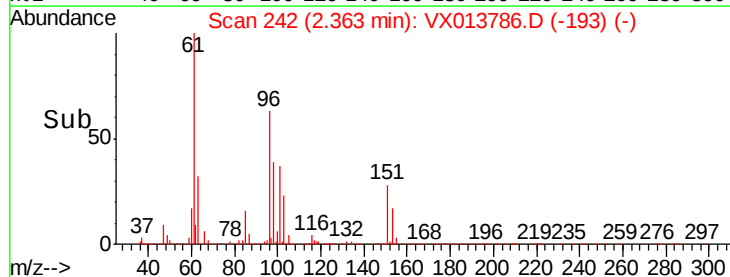
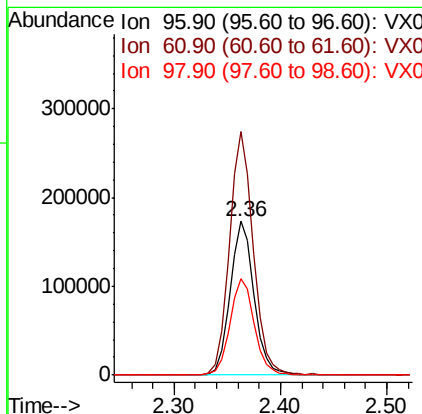
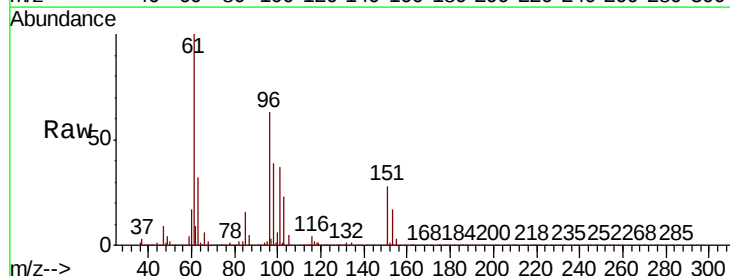
Tot Ion: 59 Resp: 356387
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

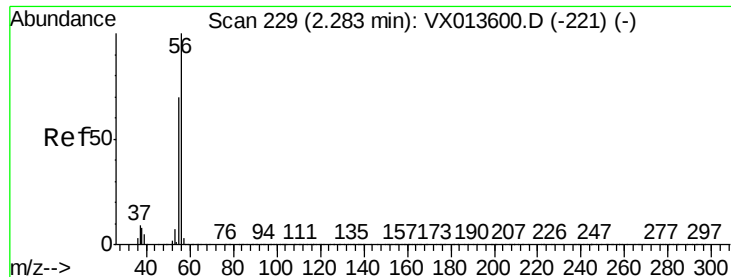


#12

1,1-Dichloroethene
Concen: 44.726 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 96 Resp: 271098
Ion Ratio Lower Upper
96 100
61 158.7 126.6 190.0
98 62.6 50.6 76.0

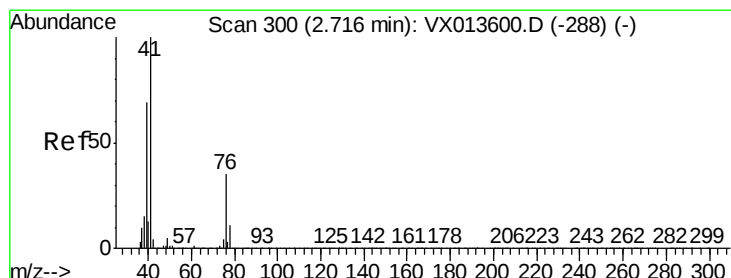
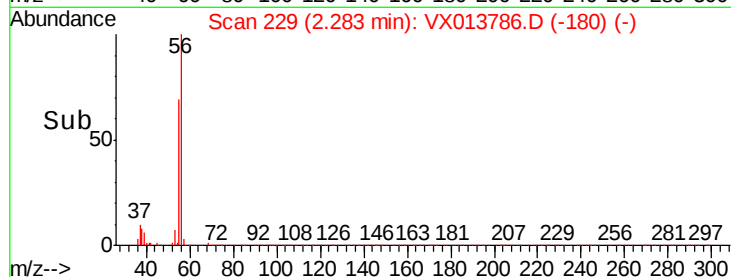
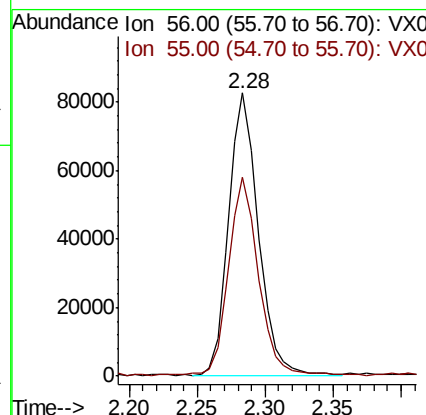
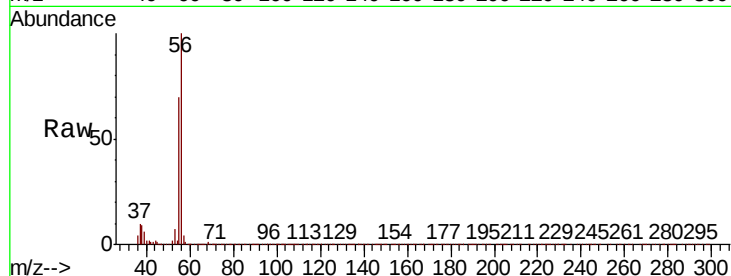




#13
Acrolein
Concen: 105.898 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

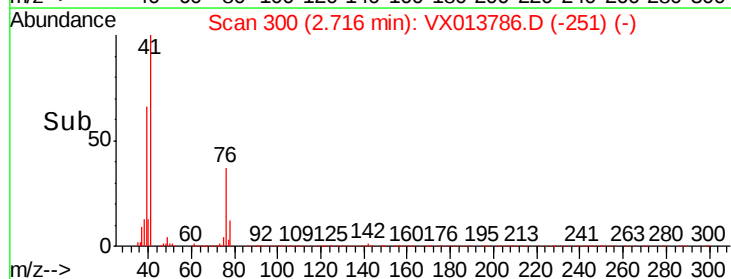
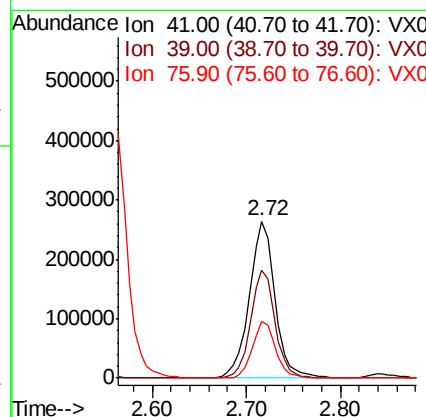
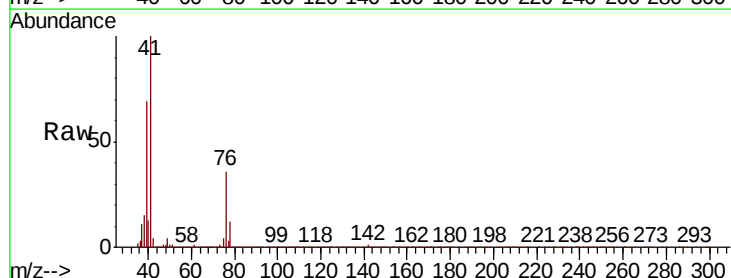
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

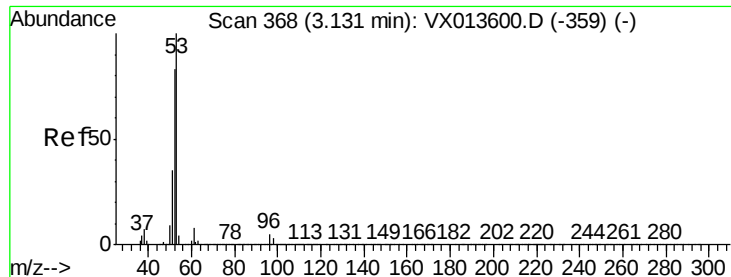
Tot Ion: 56 Resp: 124912
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.4



#14
Allyl chloride
Concen: 45.824 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 41 Resp: 504050
Ion Ratio Lower Upper
41 100
39 65.6 51.7 77.5
76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 226.794 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

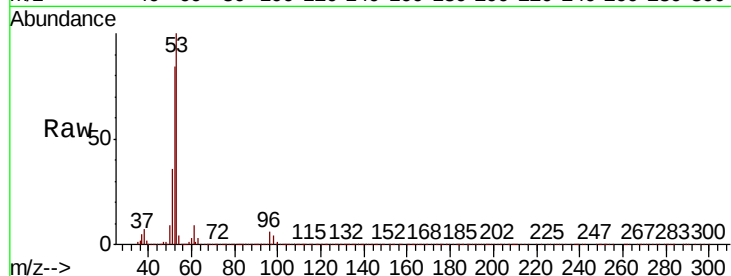
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 854295

Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.2
51	36.0	29.0	43.6

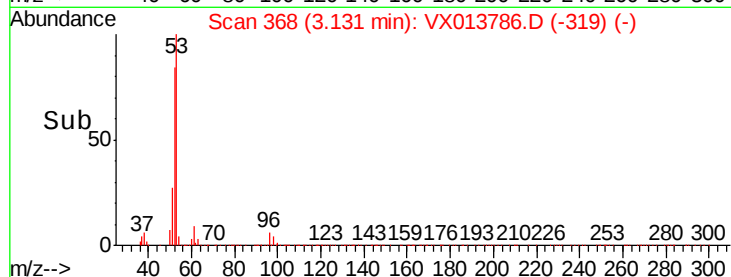


Abundance

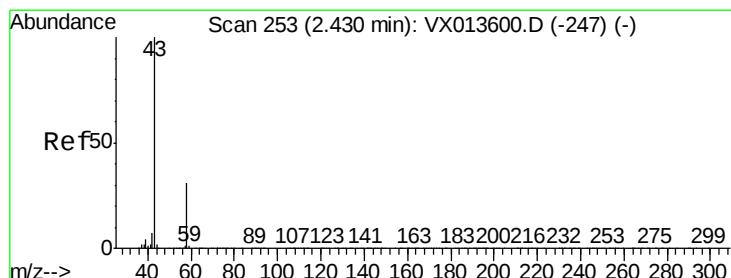
Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 283.766 ug/l

RT: 2.43 min Scan# 253

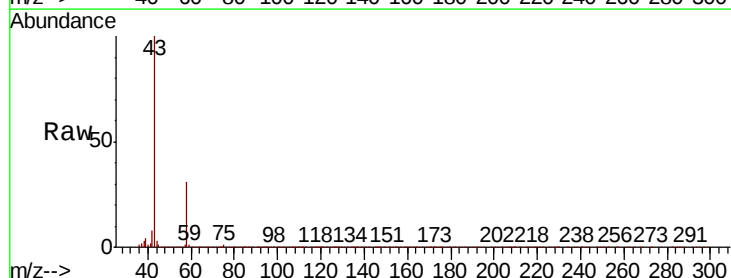
Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion: 43 Resp: 1035763

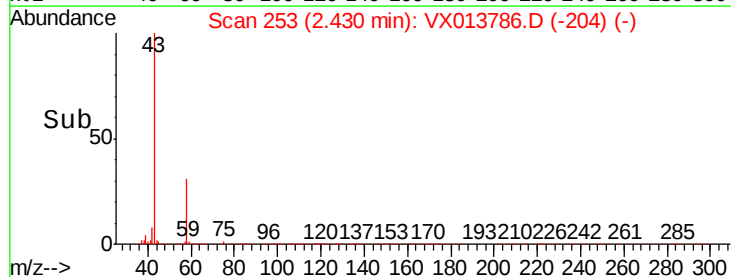
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	36.8



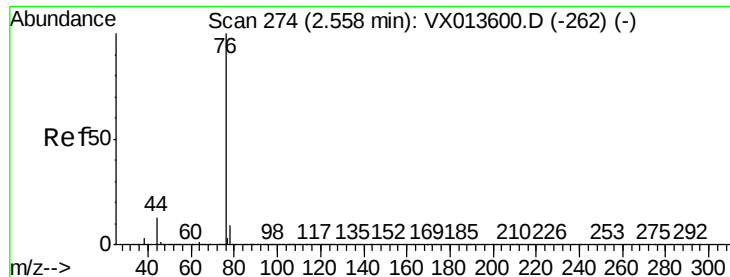
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 41.931 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

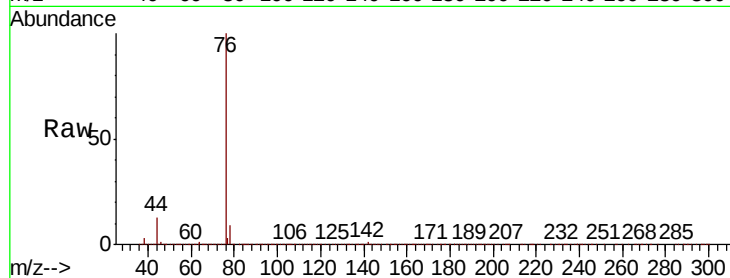
VSTDCCC050

Tot Ion: 76 Resp: 724520

Ion Ratio Lower Upper

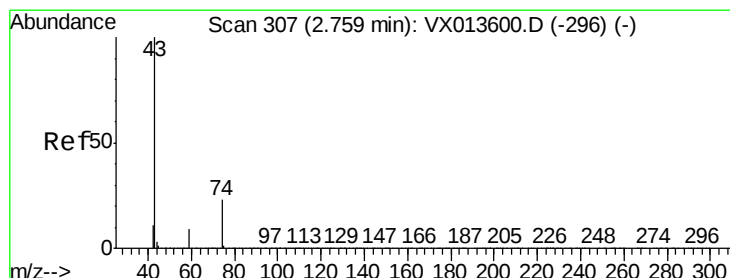
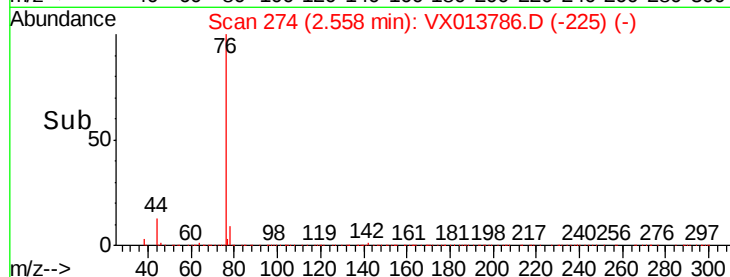
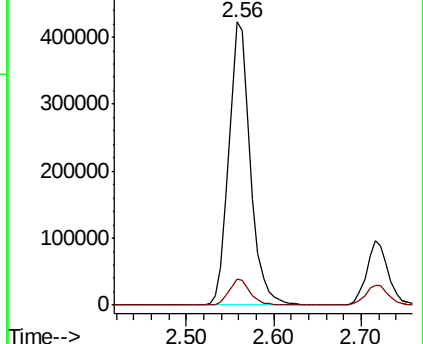
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.649 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013786.D

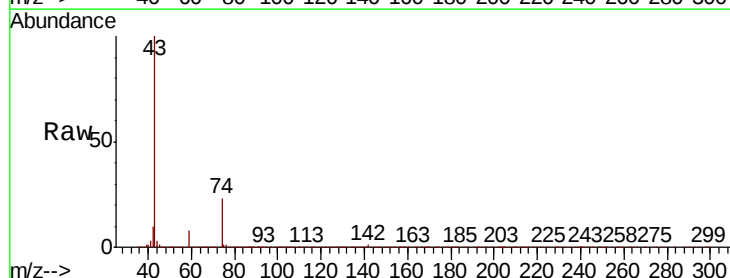
Acq: 06 Dec 2019 09:29

Tgt Ion: 43 Resp: 494471

Ion Ratio Lower Upper

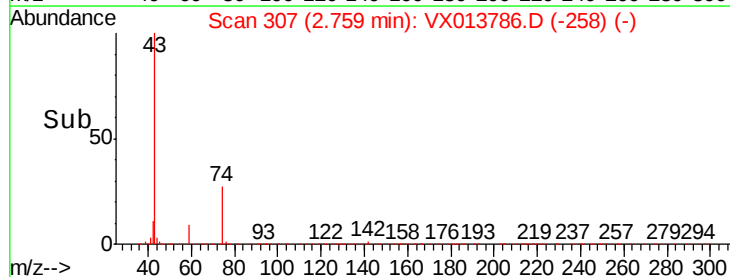
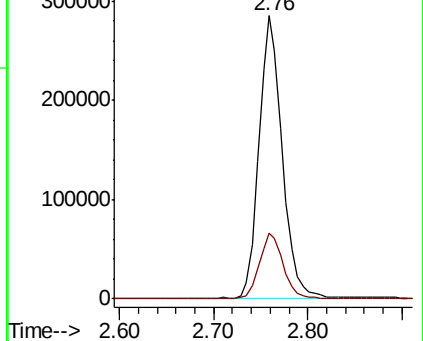
43 100

74 23.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

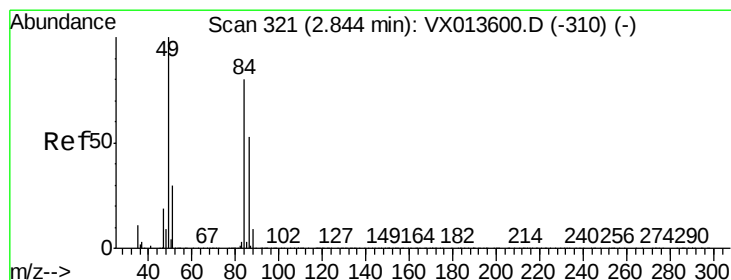
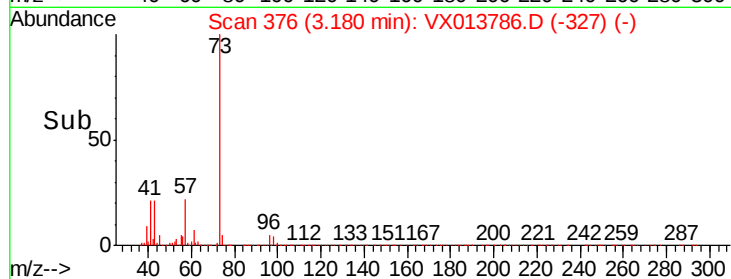
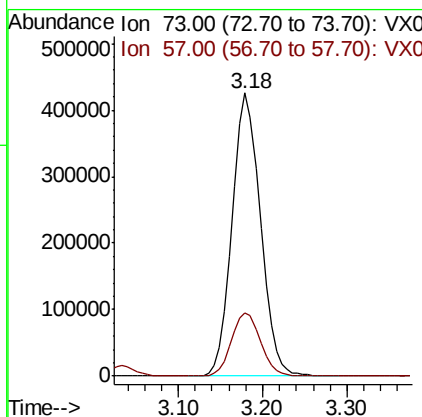
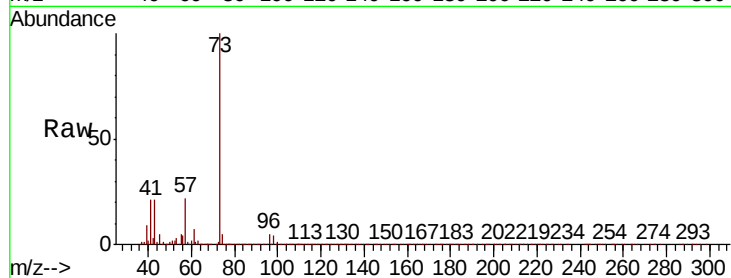




#19
Methvl tert-butvl Ether
Concen: 48.395 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

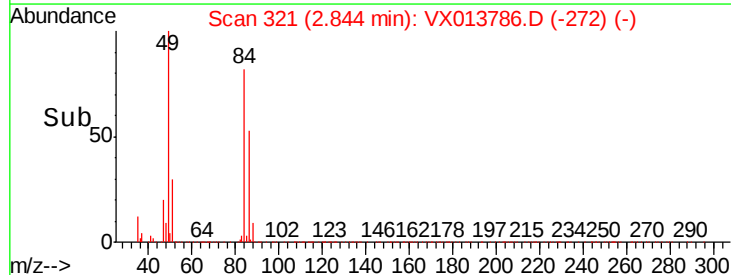
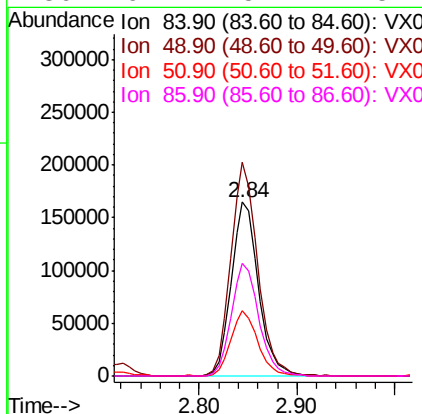
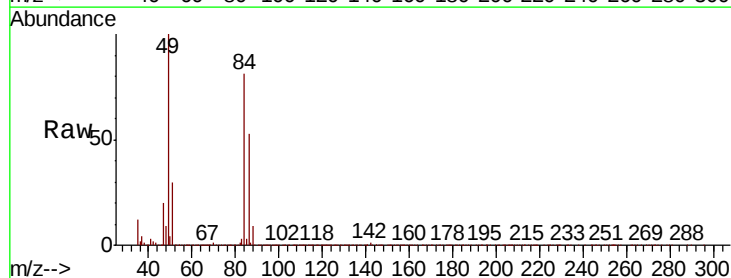
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

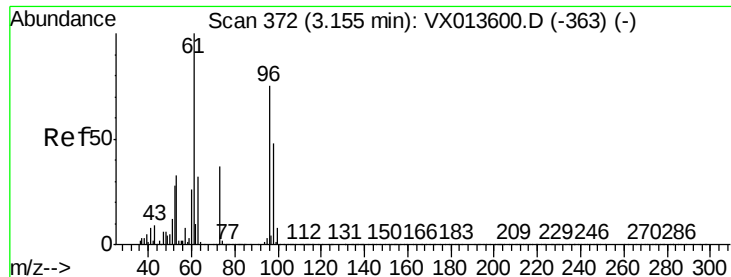
Tot Ion: 73 Resp: 971752
Ion Ratio Lower Upper
73 100
57 22.2 18.3 27.5



#20
Methylene Chloride
Concen: 45.259 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 84 Resp: 317374
Ion Ratio Lower Upper
84 100
49 122.7 99.7 149.5
51 37.1 29.9 44.9
86 64.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 44.682 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

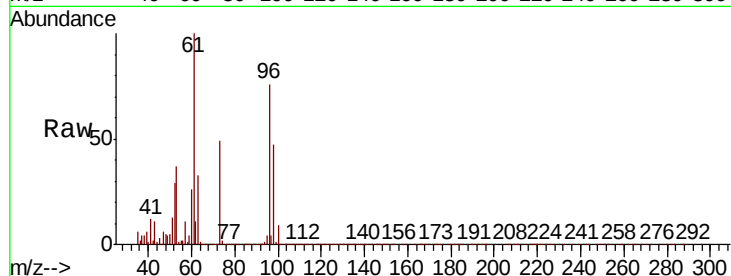
Tot Ion: 96 Resp: 295039

Ion Ratio Lower Upper

96 100

61 132.1 107.2 160.8

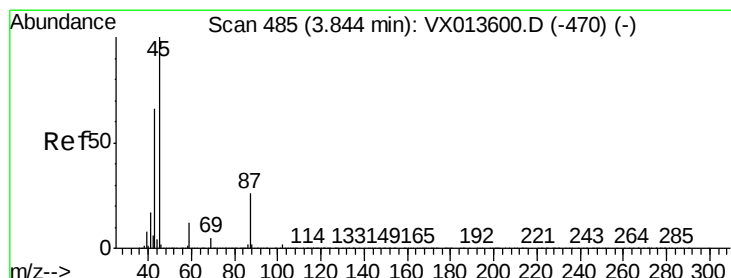
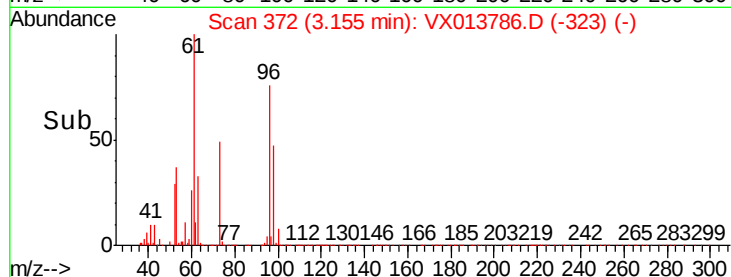
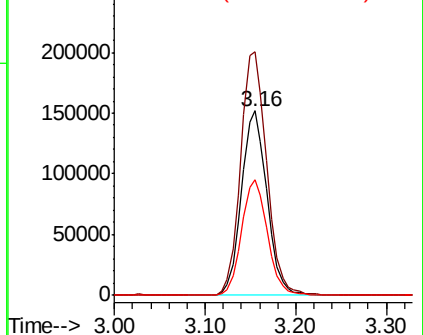
98 62.5 51.4 77.0



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: 47.980 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion: 45 Resp: 1016229

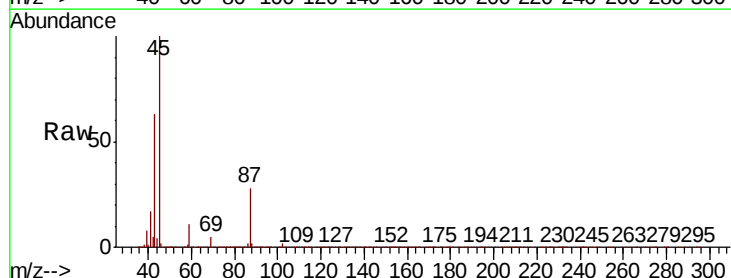
Ion Ratio Lower Upper

45 100

43 62.5 52.6 79.0

87 27.7 21.1 31.7

59 10.9 9.2 13.8

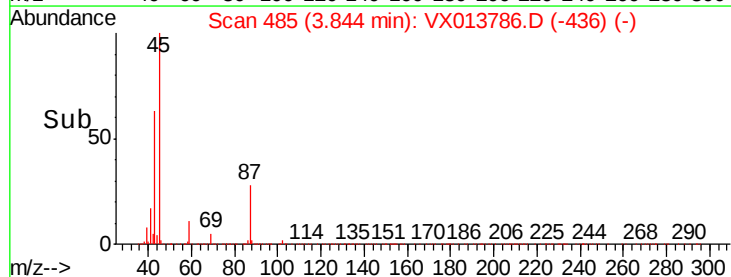
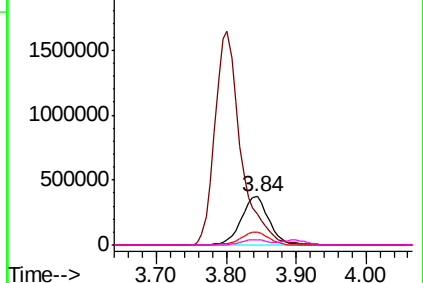


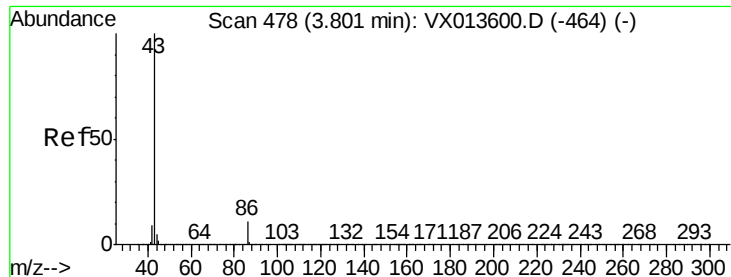
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 240.572 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

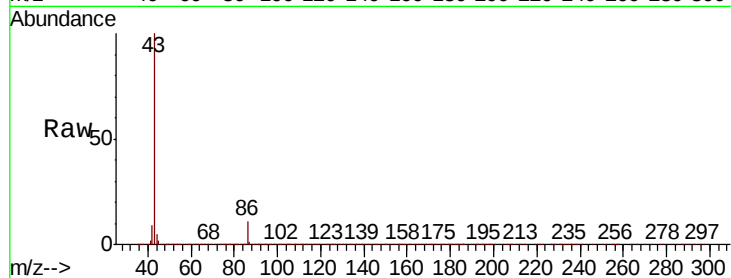
VSTDCCC050

Tot Ion: 43 Resp: 4238853

Ion Ratio Lower Upper

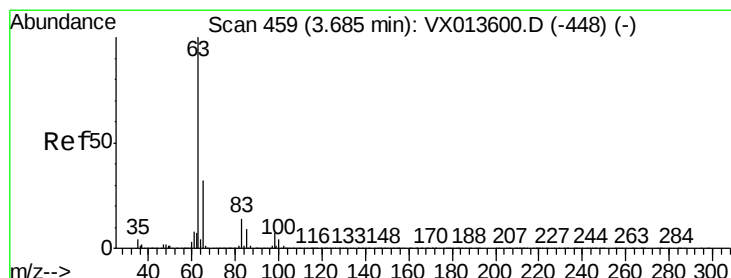
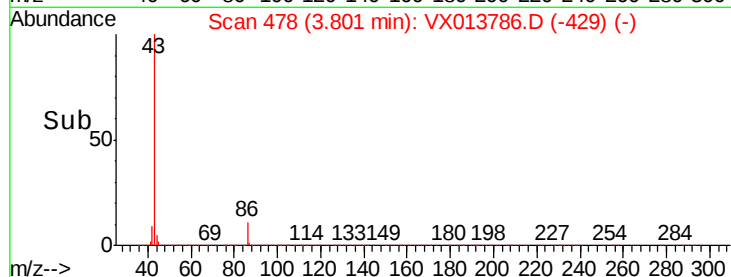
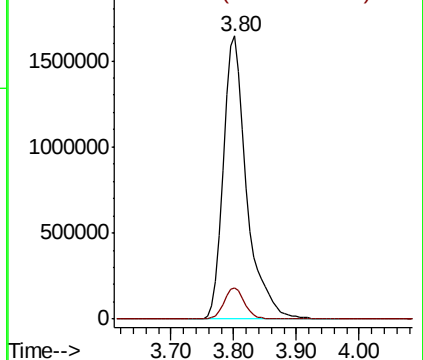
43 100

86 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.107 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

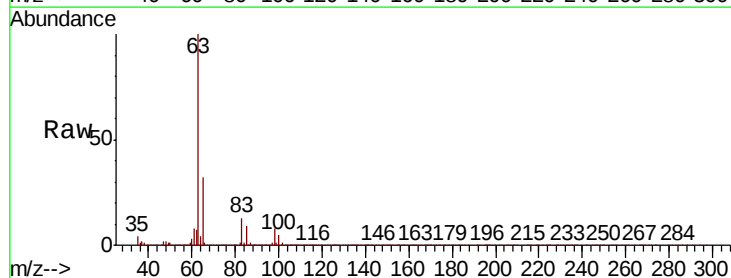
Tgt Ion: 63 Resp: 545431

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

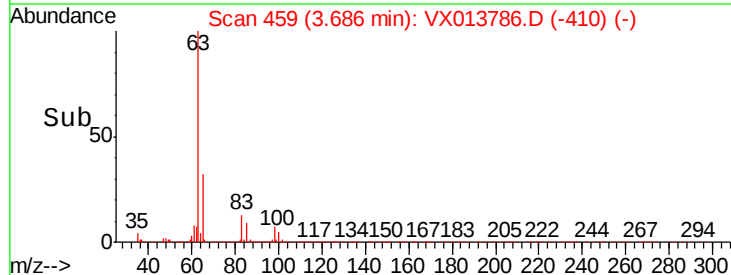
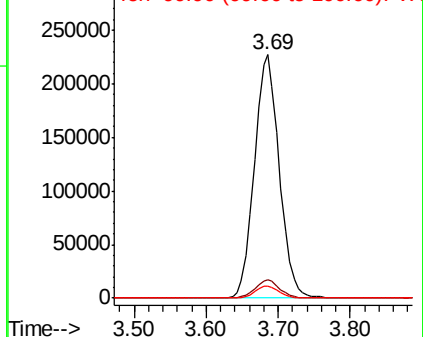
100 4.6 2.1 6.3

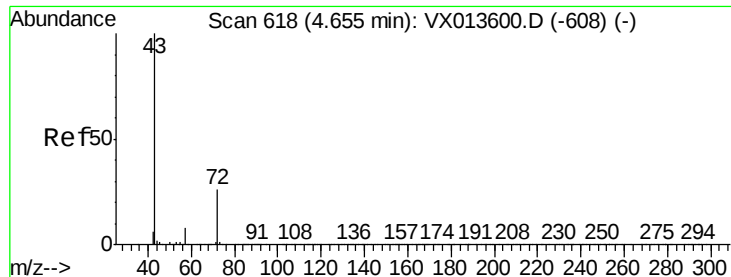


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.235 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

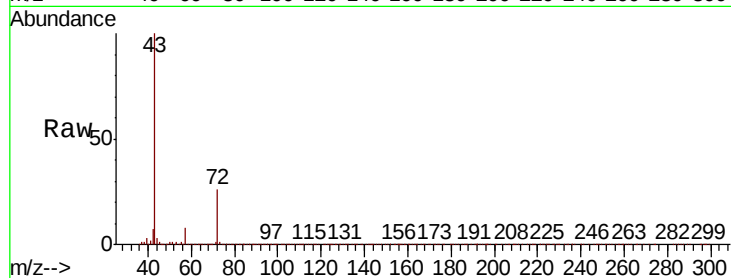
VSTDCCC050

Tot Ion: 43 Resp: 1352025

Ion Ratio Lower Upper

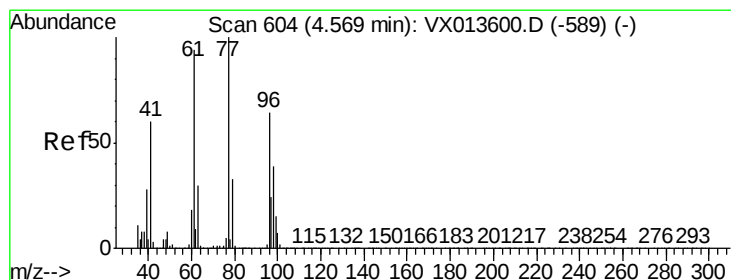
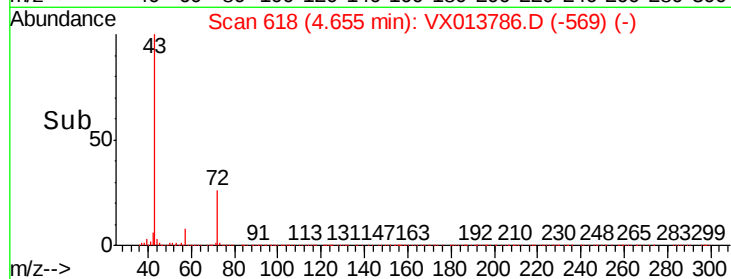
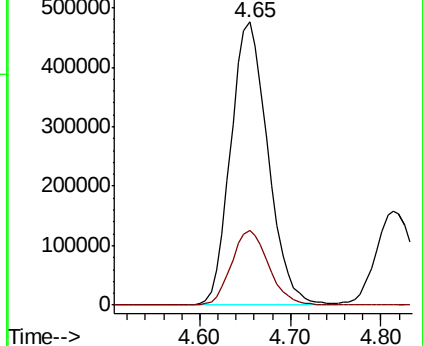
43 100

72 26.2 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.611 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013786.D

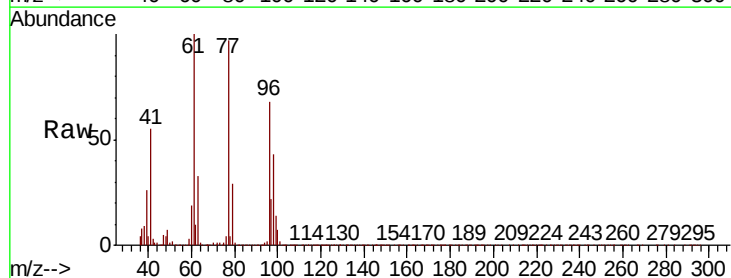
Acq: 06 Dec 2019 09:29

Tgt Ion: 77 Resp: 446520

Ion Ratio Lower Upper

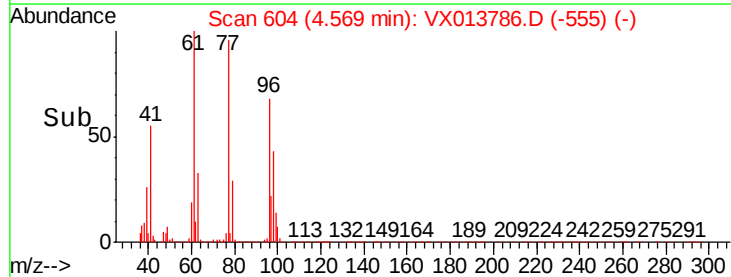
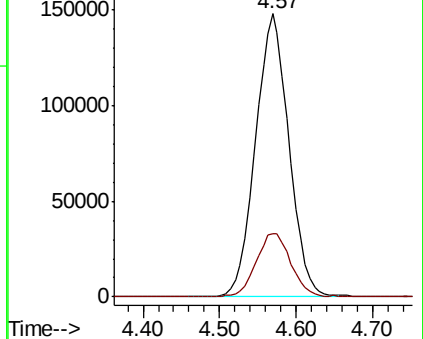
77 100

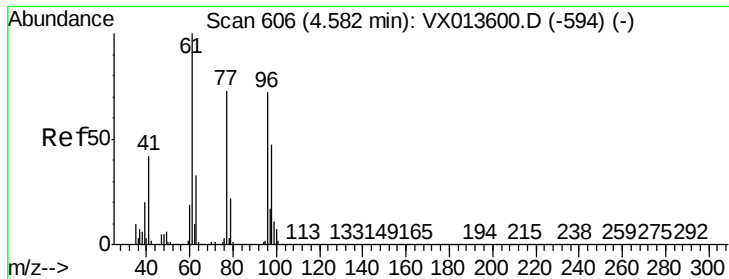
97 23.3 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



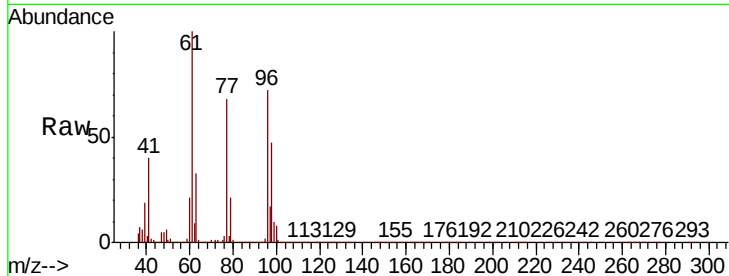


#27

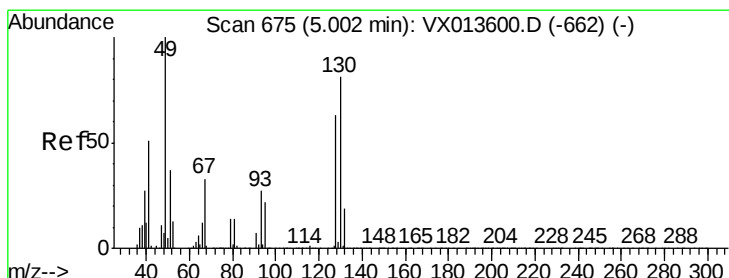
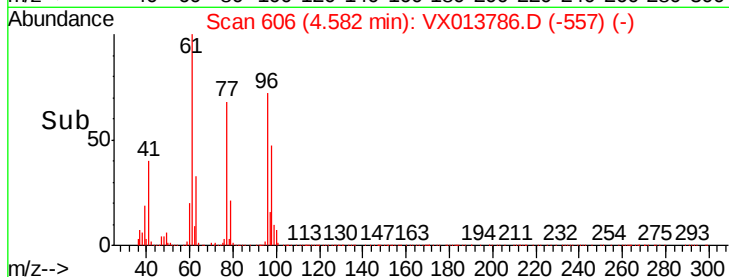
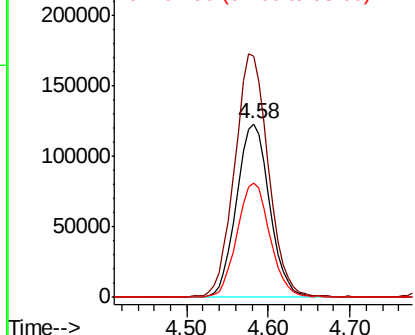
cis-1,2-Dichloroethene
Concen: 45.540 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	286.4
98	66.1	0.0	127.4



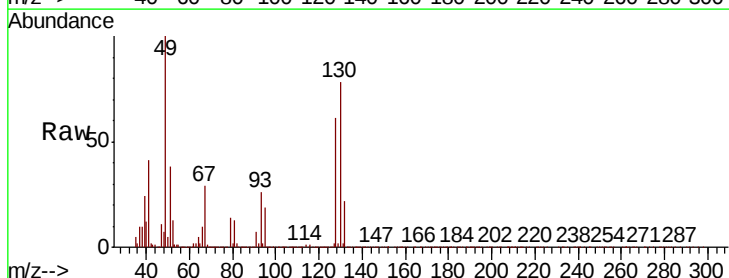
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



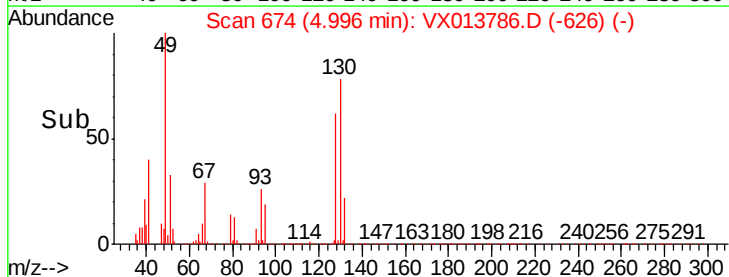
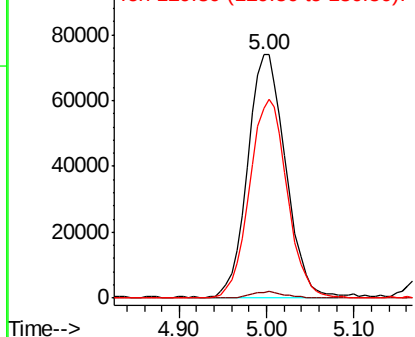
#28

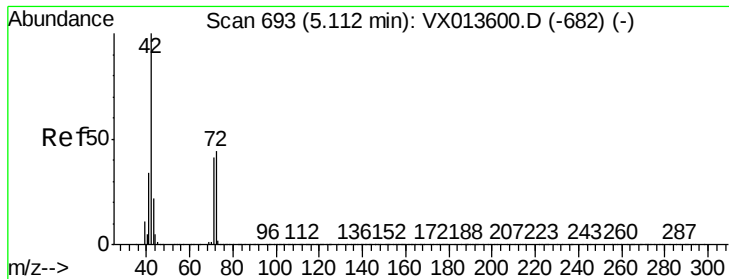
Bromochloromethane
Concen: 48.604 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	81.2	65.4	98.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

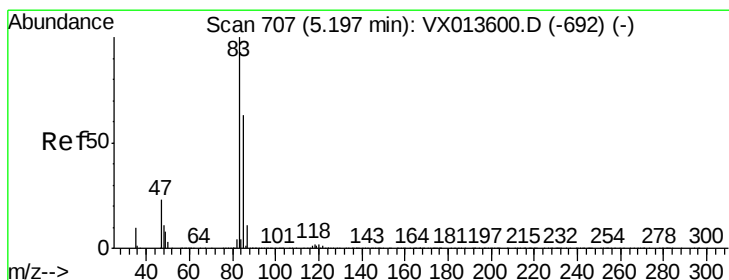
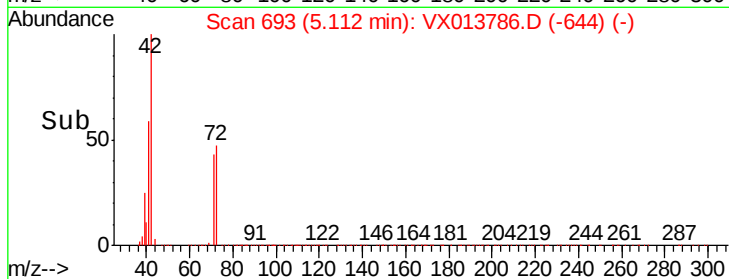
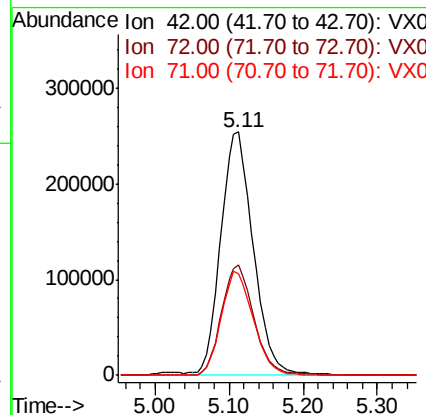
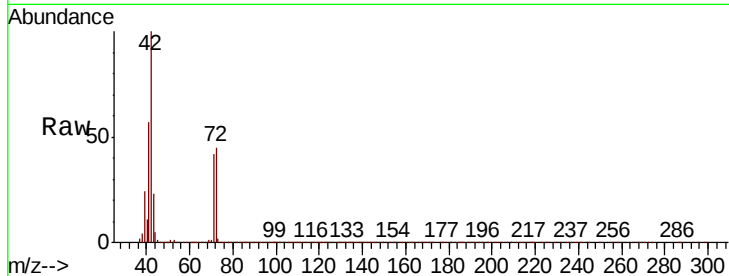




#29
Tetrahydrofuran
Concen: 228.014 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

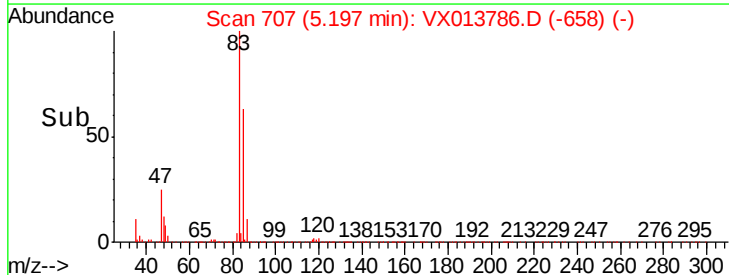
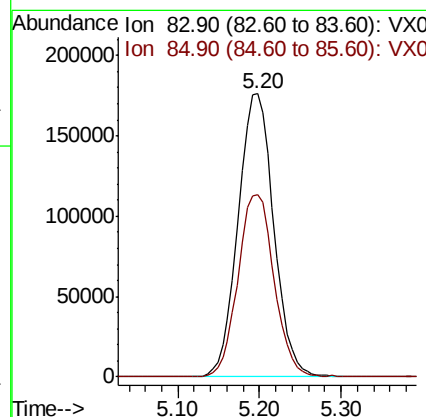
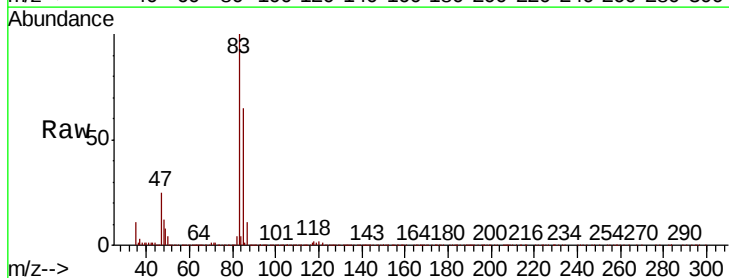
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

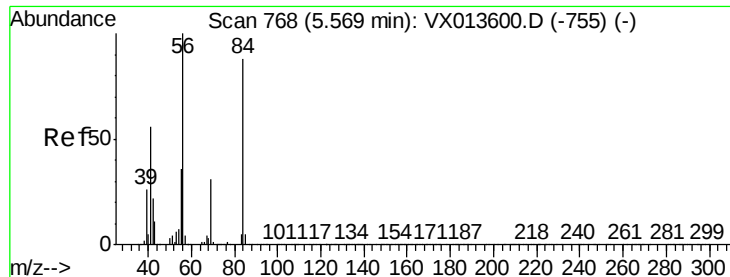
Tot Ion: 42 Resp: 762512
Ion Ratio Lower Upper
42 100
72 45.8 36.3 54.5
71 42.4 33.2 49.8



#30
Chloroform
Concen: 45.391 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 83 Resp: 533007
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4

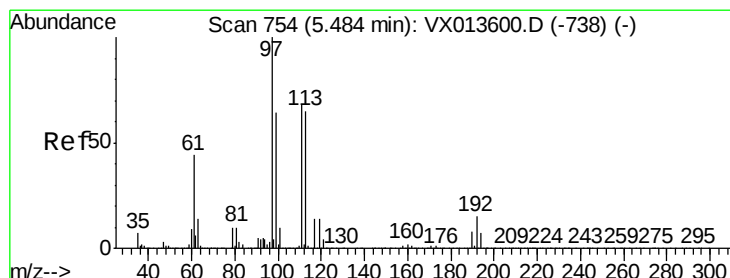
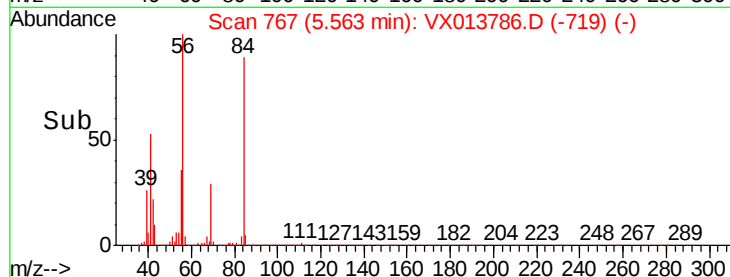
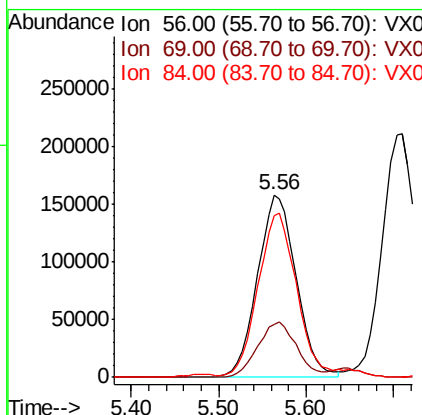
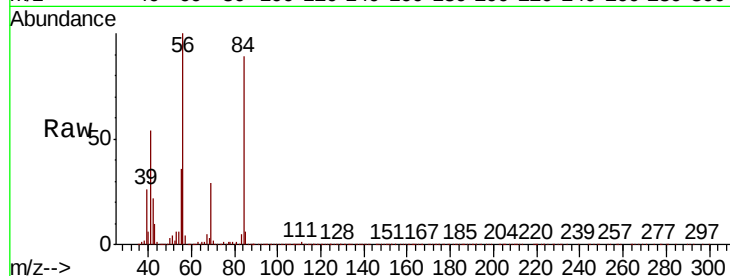




#31
Cyclohexane
Concen: 44.261 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

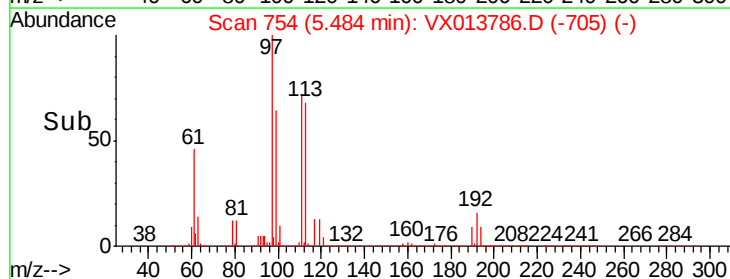
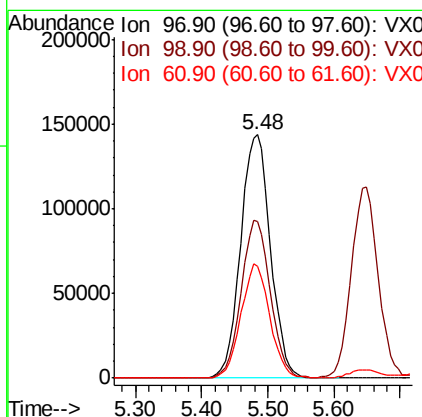
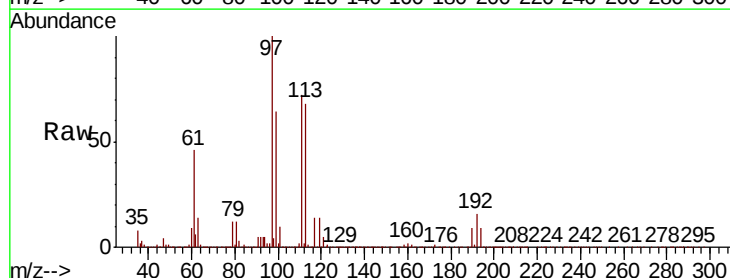
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

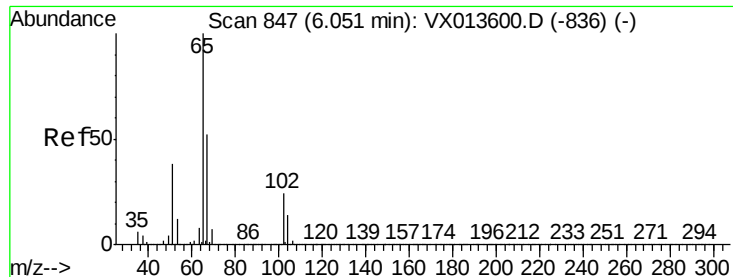
Tot Ion: 56 Resp: 483369
Ion Ratio Lower Upper
56 100
69 29.2 24.6 36.8
84 87.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 45.900 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 97 Resp: 450401
Ion Ratio Lower Upper
97 100
99 63.0 51.6 77.4
61 45.0 36.1 54.1

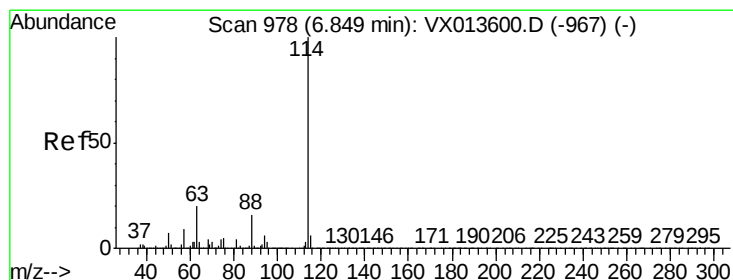
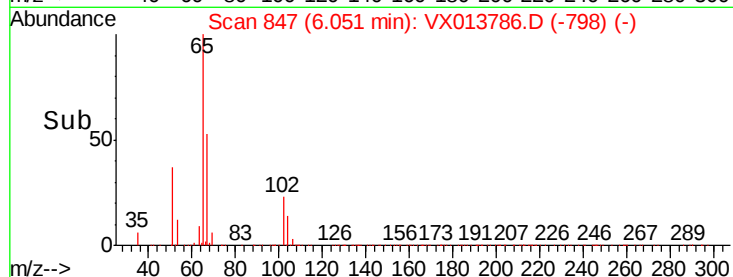
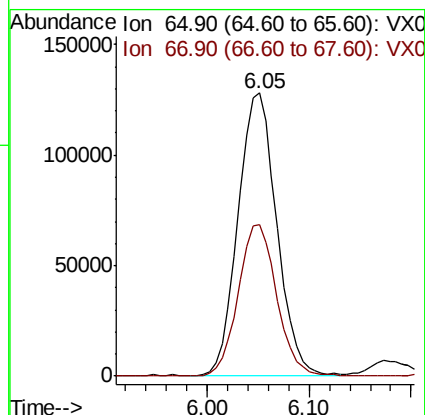
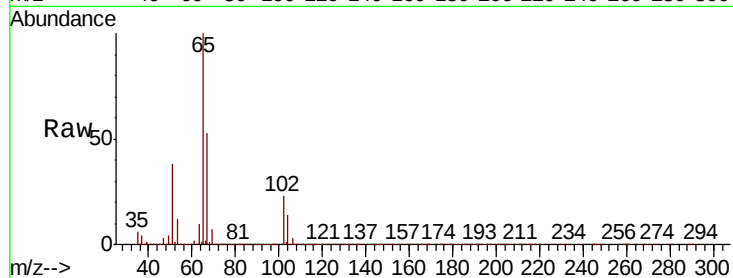




#33
 1,2-Dichloroethane-d4
 Concen: 45.509 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

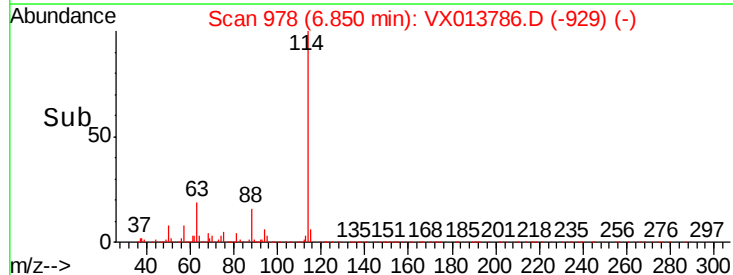
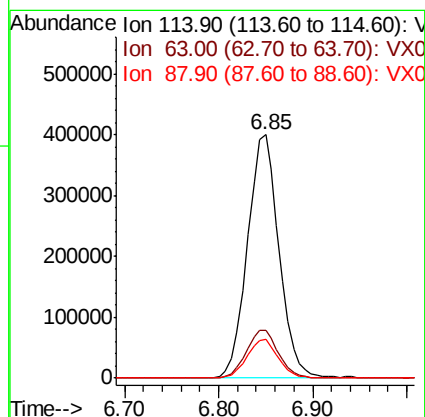
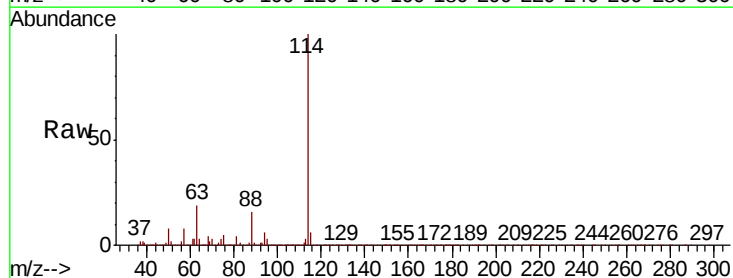
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 336455
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Tgt Ion: 114 Resp: 938570
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.070 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

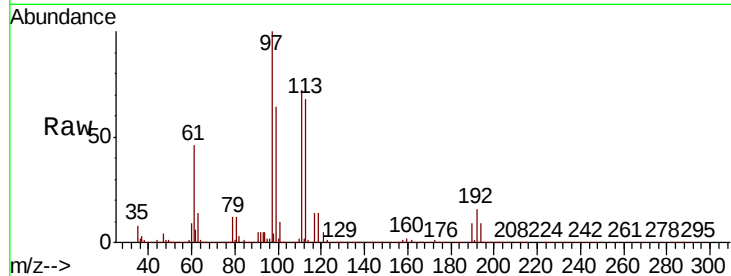
Tot Ion:113 Resp: 284722

Ion Ratio Lower Upper

113 100

111 103.0 83.6 125.4

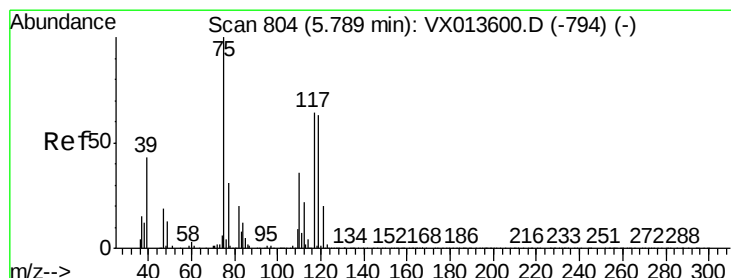
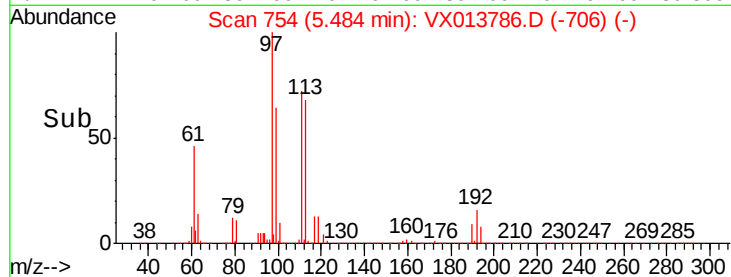
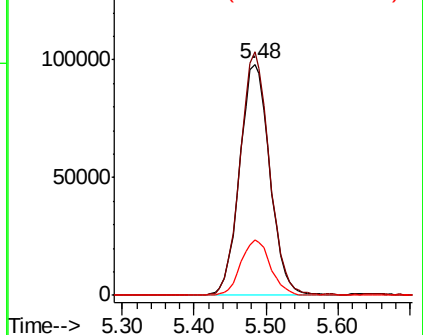
192 23.4 19.2 28.8



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: 46.820 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

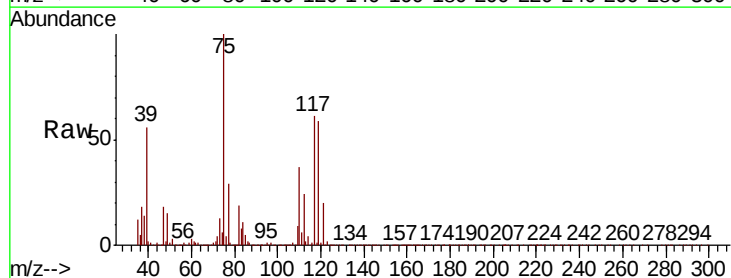
Tgt Ion: 75 Resp: 398898

Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.1

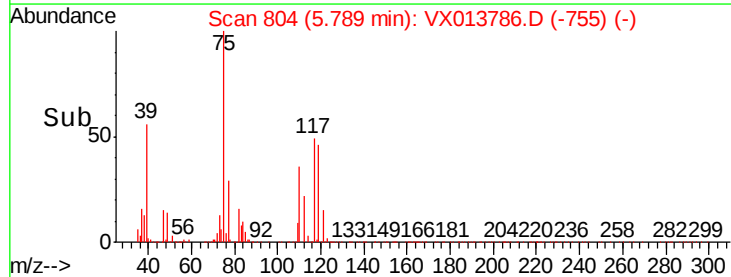
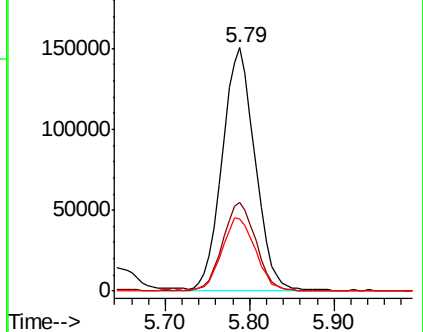
77 30.7 24.5 36.7

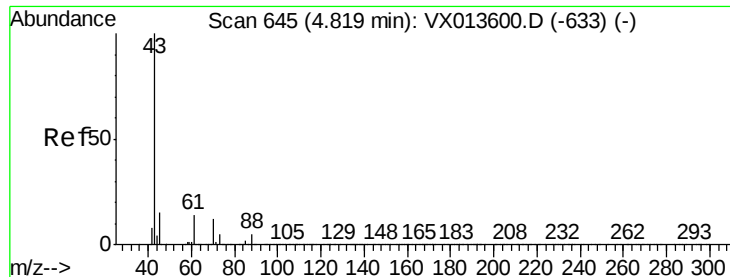


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

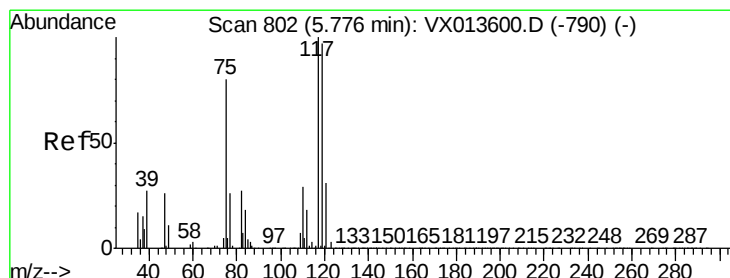
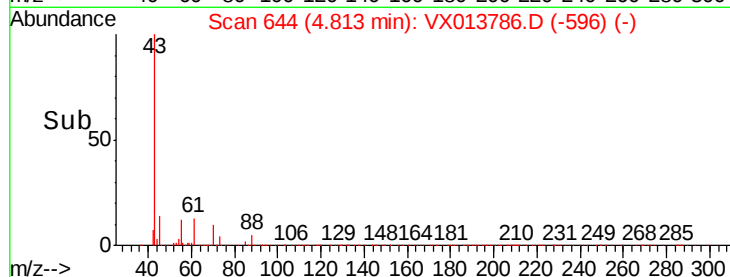
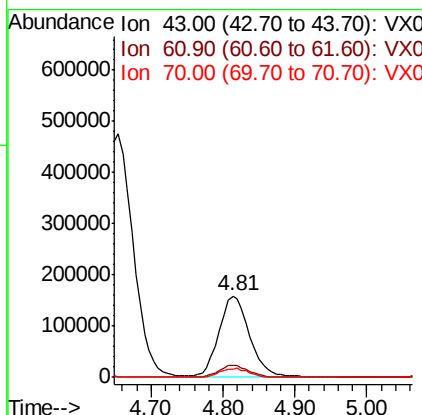
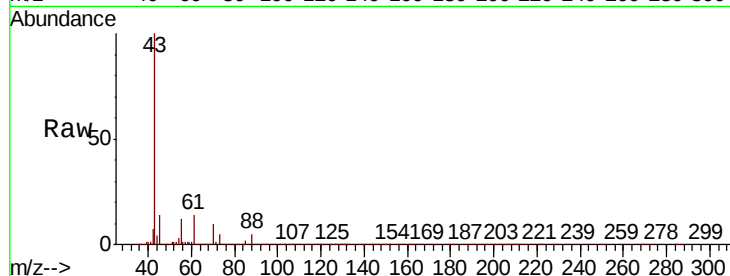




#37
Ethyl Acetate
Concen: 48.939 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

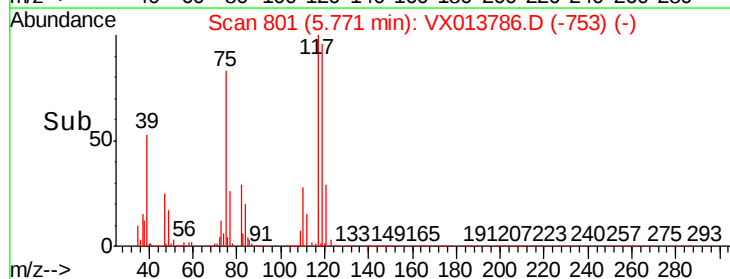
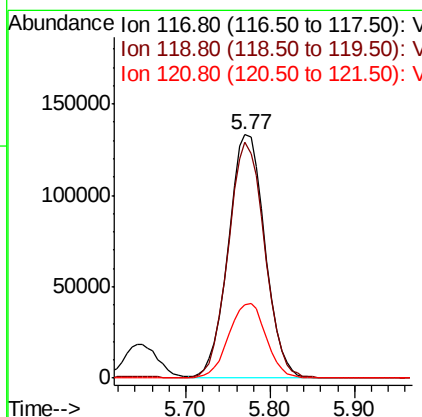
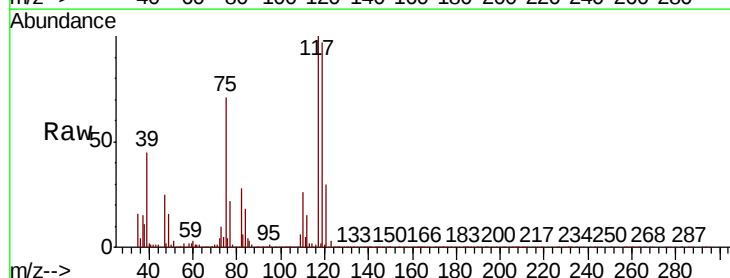
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

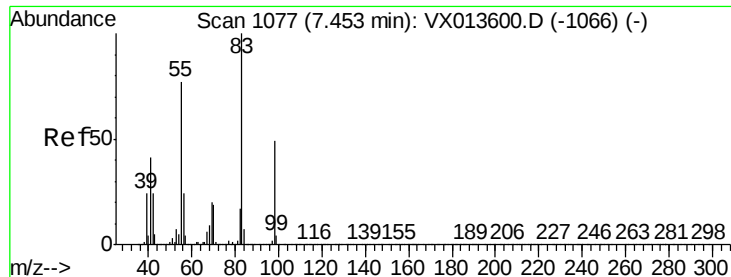
Tot Ion: 43 Resp: 467756
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.4
70 10.6 8.6 12.8



#38
Carbon Tetrachloride
Concen: 49.712 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 117 Resp: 390539
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3
121 29.9 25.0 37.6

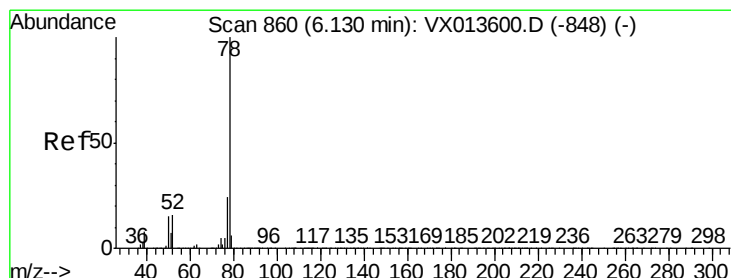
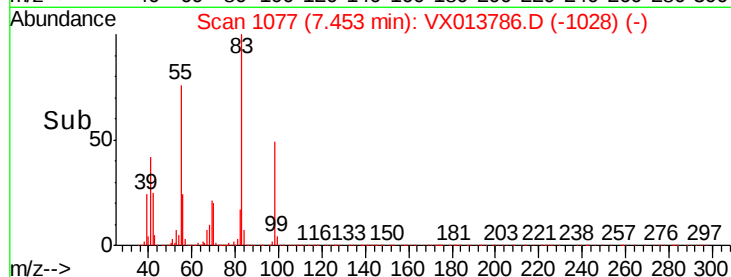
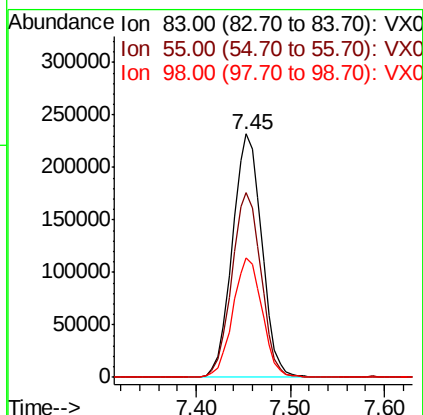
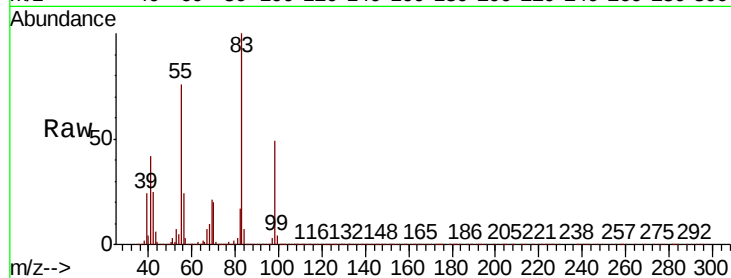




#39
Methvlcvclohexane
Concen: 47.670 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

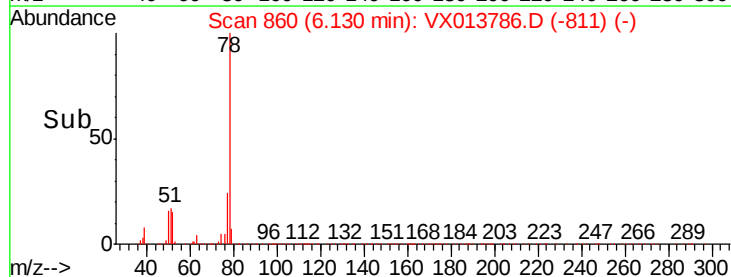
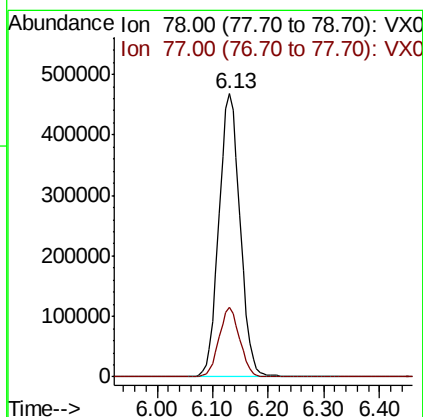
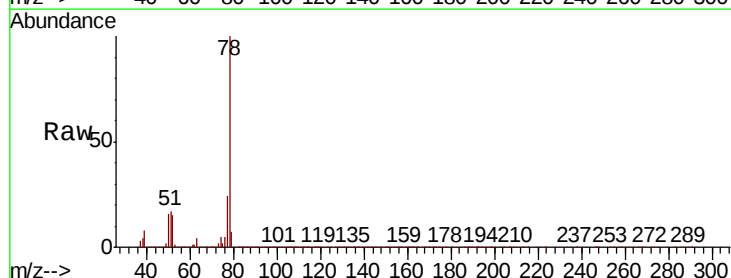
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

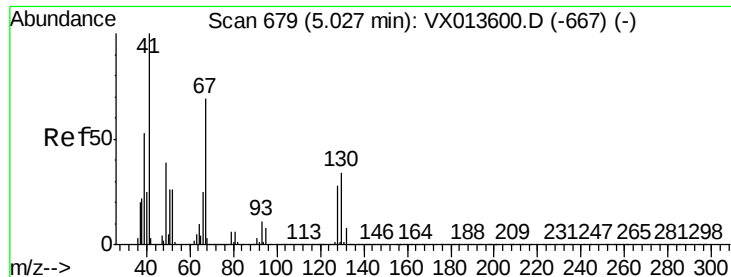
Tot Ion: 83 Resp: 502032
Ion Ratio Lower Upper
83 100
55 76.0 61.9 92.9
98 49.1 39.4 59.0



#40
Benzene
Concen: 47.549 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 78 Resp: 1233829
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4





#41

Methacrylonitrile

Concen: 50.156 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 262909

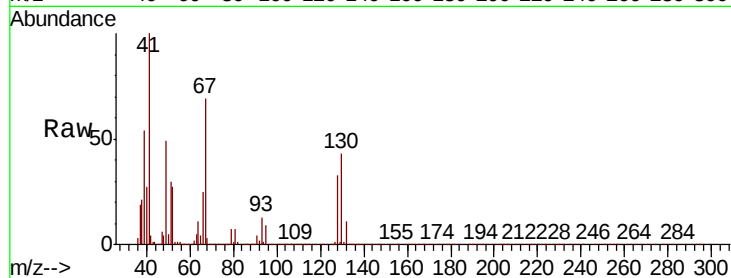
Ion Ratio Lower Upper

41 100

39 54.6 42.9 64.3

67 70.8 57.4 86.0

52 27.6 22.4 33.6

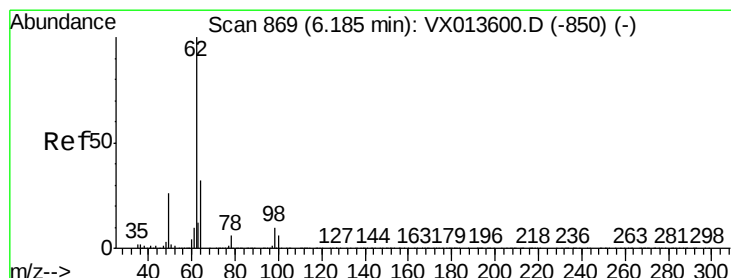
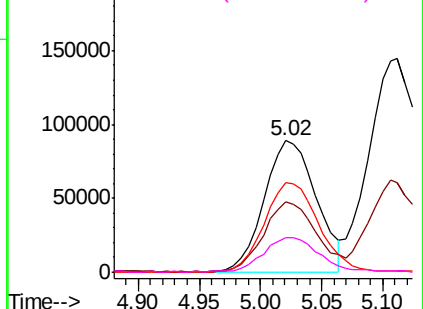
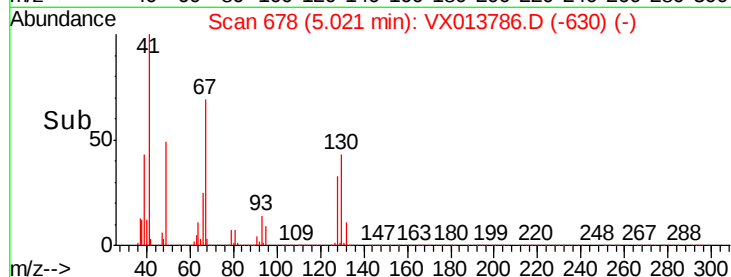


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.661 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013786.D

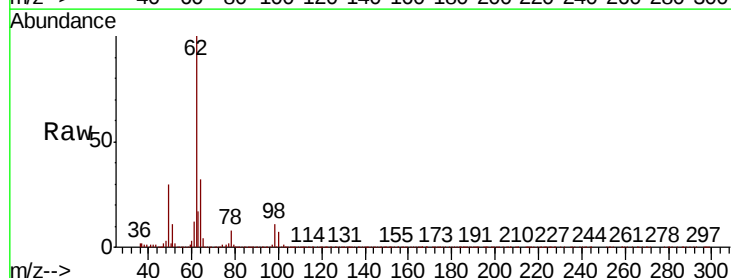
Acq: 06 Dec 2019 09:29

Tgt Ion: 62 Resp: 439476

Ion Ratio Lower Upper

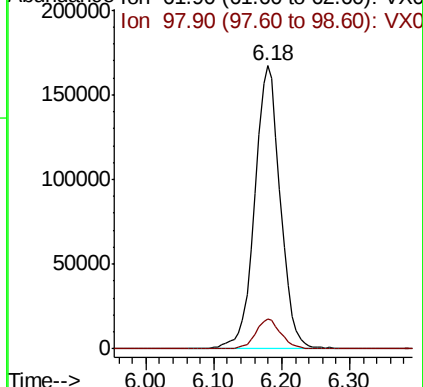
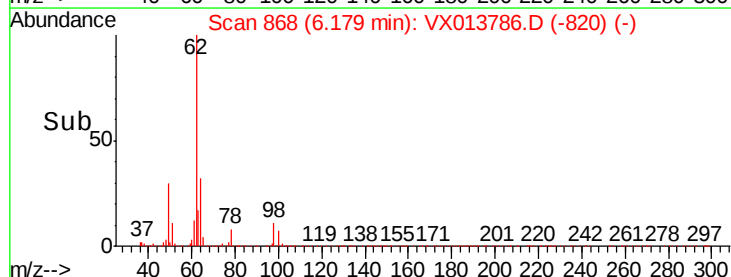
62 100

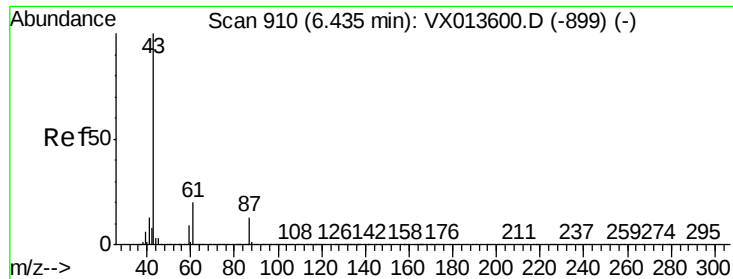
98 10.1 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



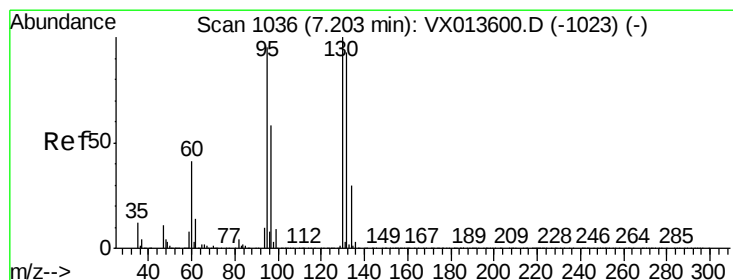
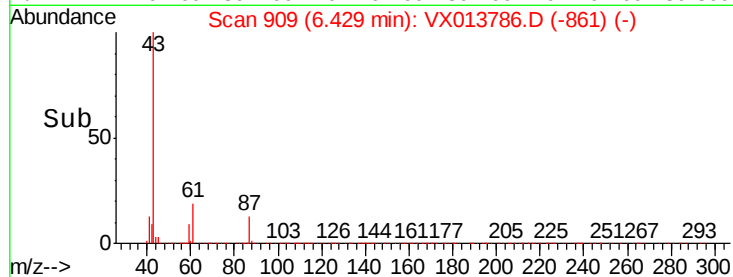
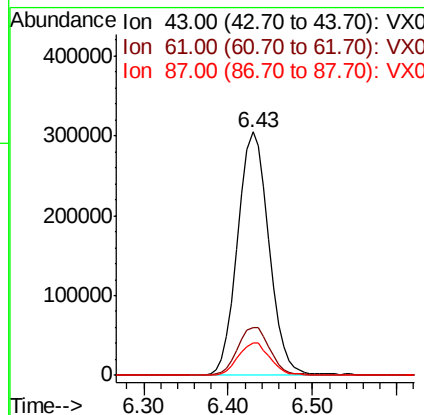
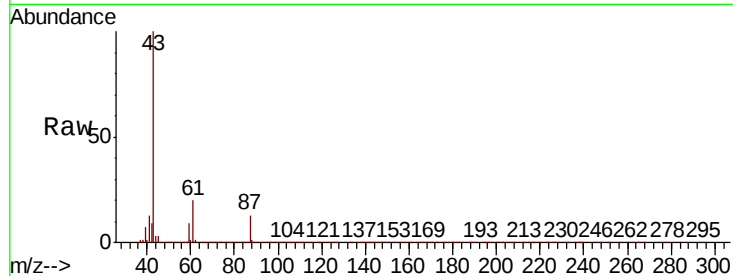


#43

Isopropyl Acetate
 Concen: 48.518 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

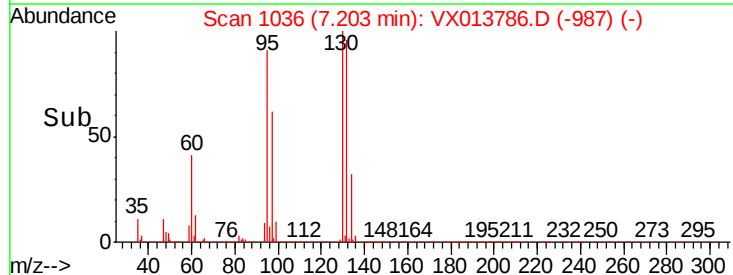
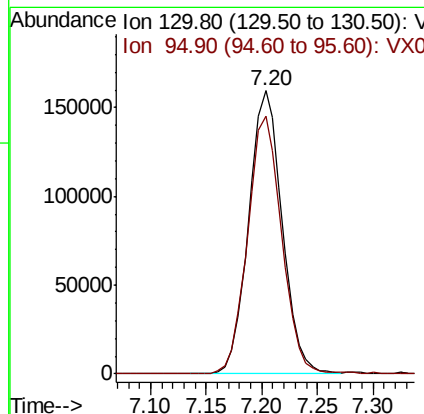
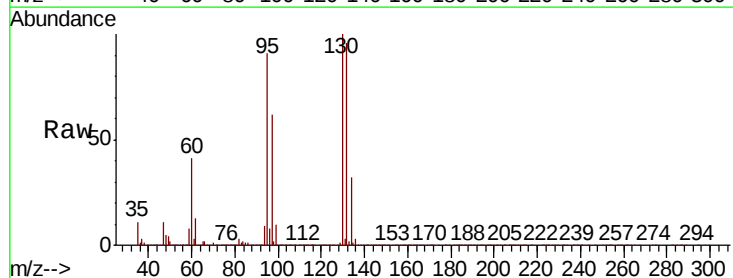
Tot Ion: 43 Resp: 763448
 Ion Ratio Lower Upper
 43 100
 61 20.4 16.3 24.5
 87 13.7 10.8 16.2

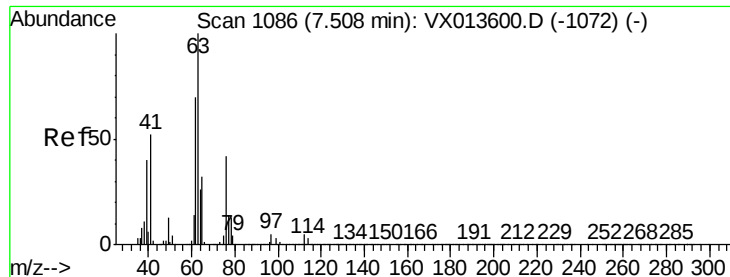


#44

Trichloroethene
 Concen: 46.910 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Tgt Ion: 130 Resp: 334071
 Ion Ratio Lower Upper
 130 100
 95 90.8 0.0 190.8





#45

1,2-Dichloropropane

Concen: 50.180 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

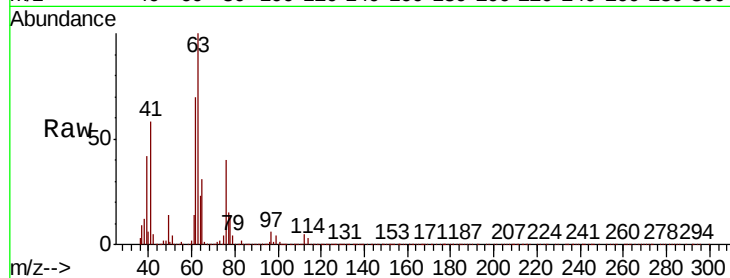
VSTDCCC050

Tot Ion: 63 Resp: 325783

Ion Ratio Lower Upper

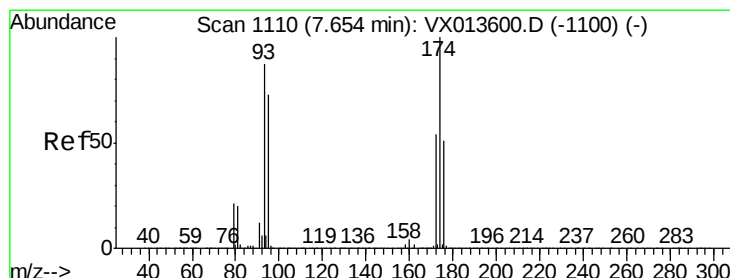
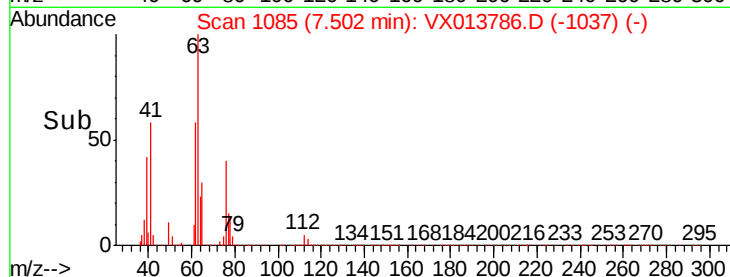
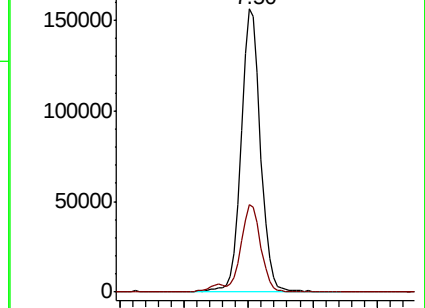
63 100

65 31.0 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: 48.099 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

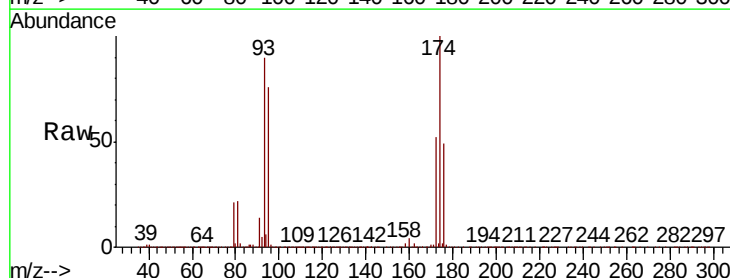
Tgt Ion: 93 Resp: 212087

Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.2

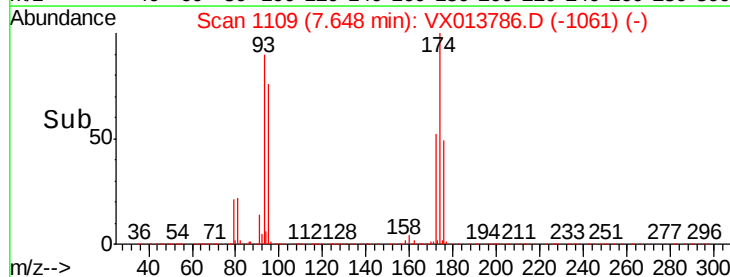
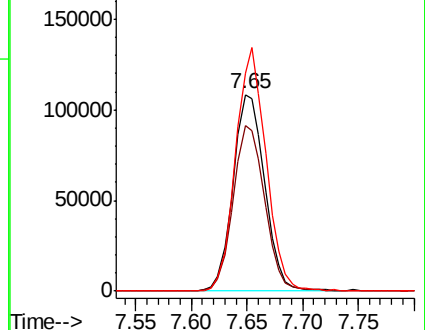
174 119.8 93.4 140.0



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: 51.555 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

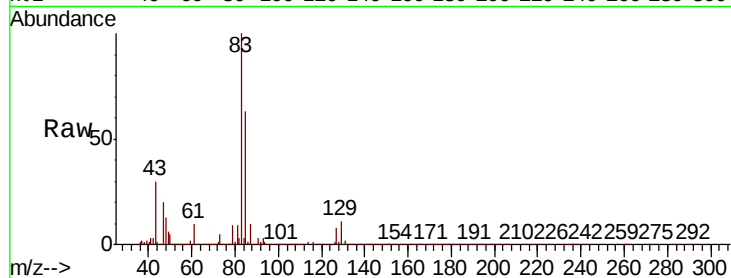
Tot Ion: 83 Resp: 429749

Ion Ratio Lower Upper

83 100

85 63.0 52.1 78.1

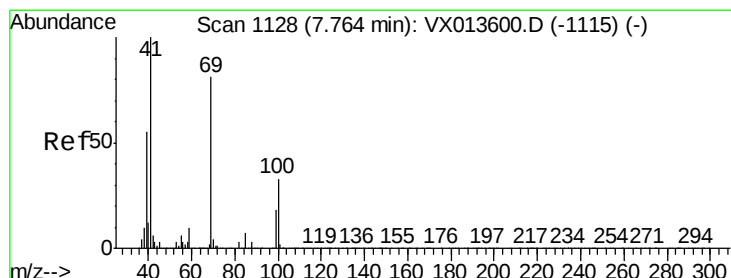
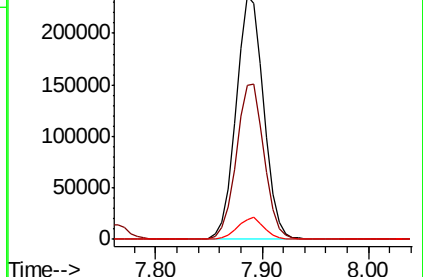
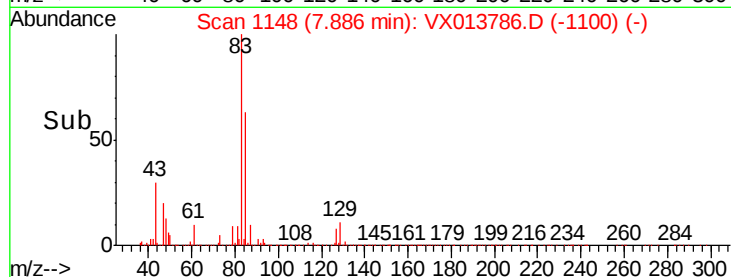
127 7.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.897 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

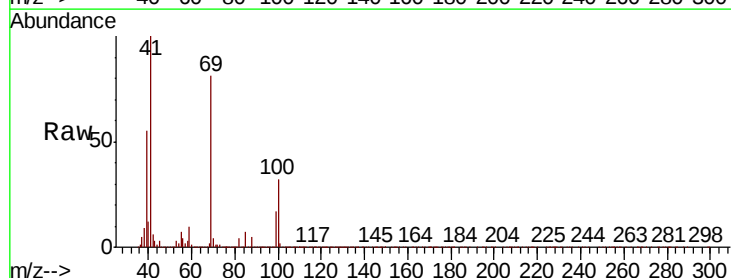
Tgt Ion: 41 Resp: 389131

Ion Ratio Lower Upper

41 100

69 81.6 64.7 97.1

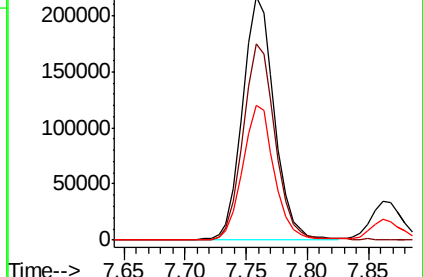
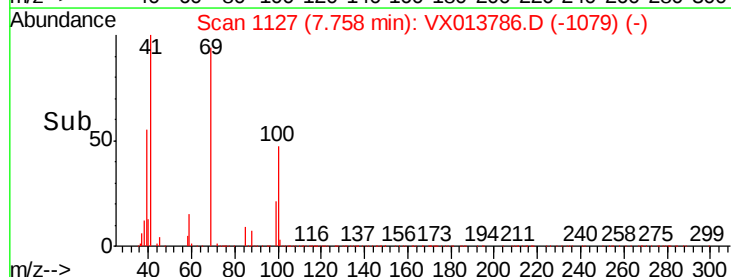
39 54.7 43.8 65.6

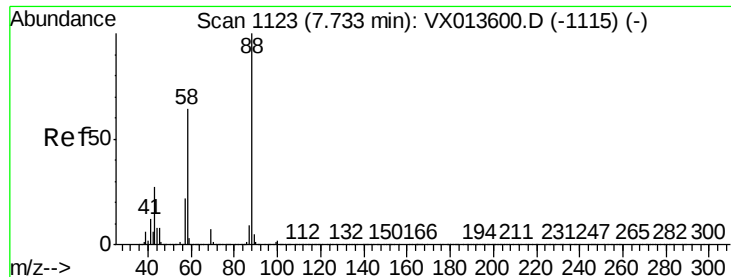


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 815.144 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

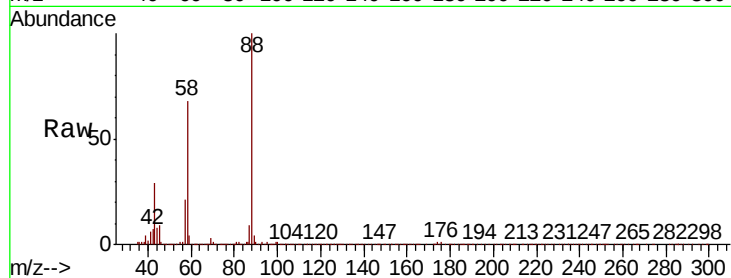
Tot Ion: 88 Resp: 139500

Ion Ratio Lower Upper

88 100

43 33.2 25.8 38.6

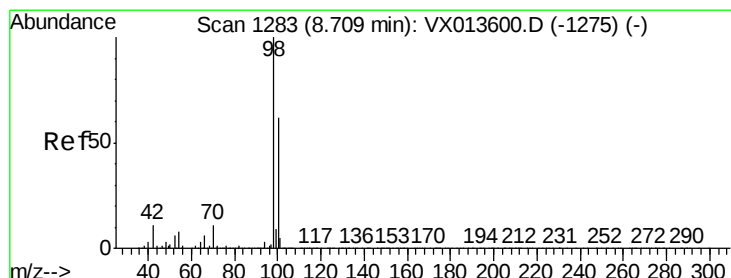
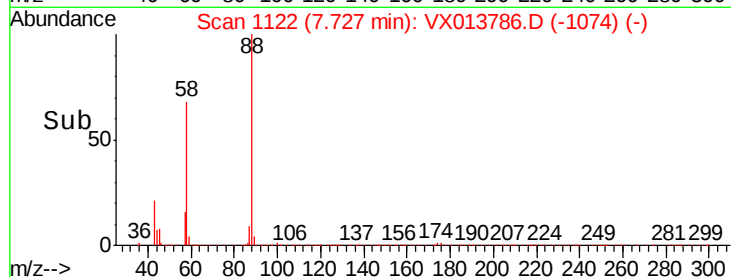
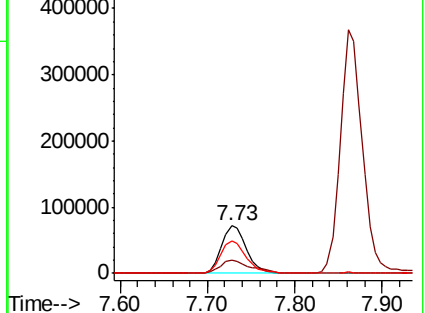
58 71.0 54.6 82.0



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: 47.046 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013786.D

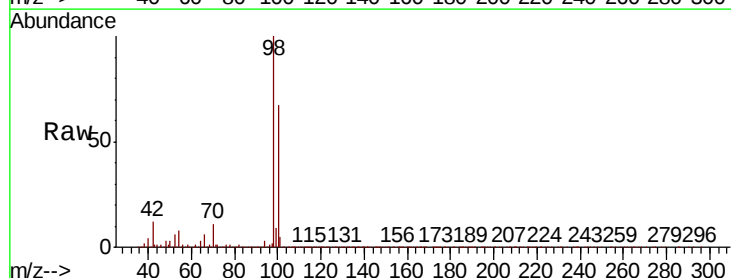
Acq: 06 Dec 2019 09:29

Tgt Ion: 98 Resp: 1063552

Ion Ratio Lower Upper

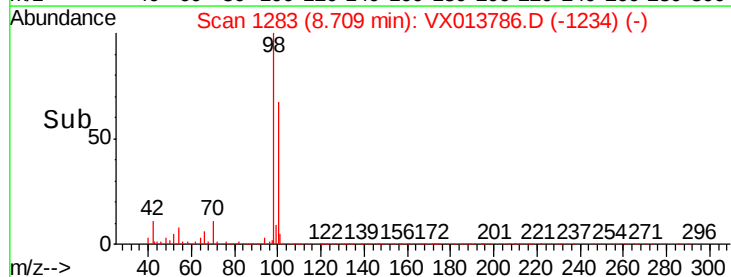
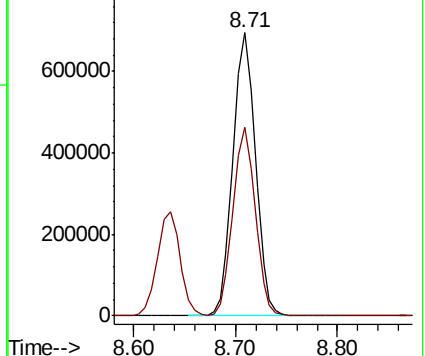
98 100

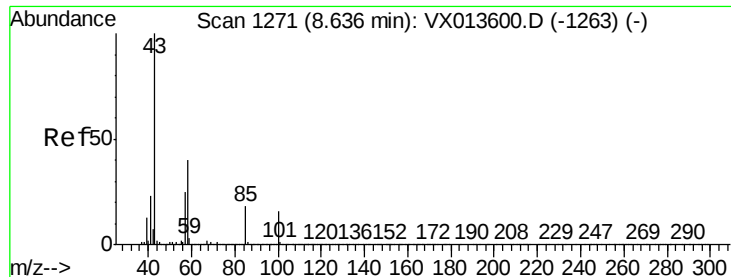
100 65.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 243.085 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

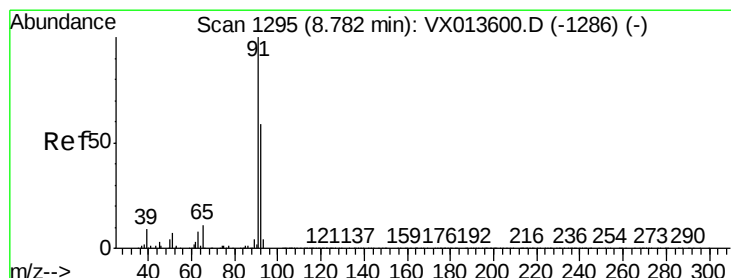
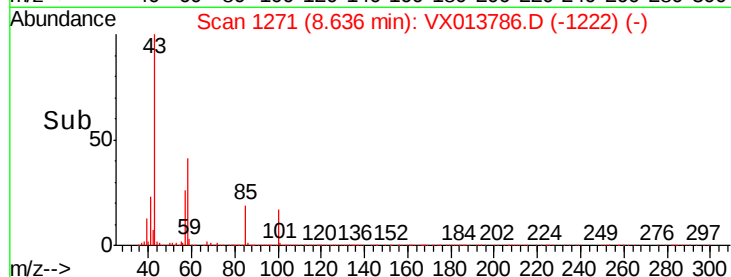
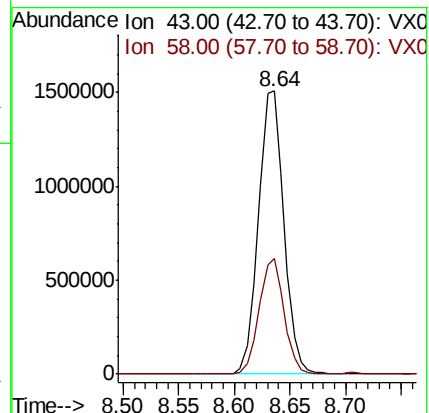
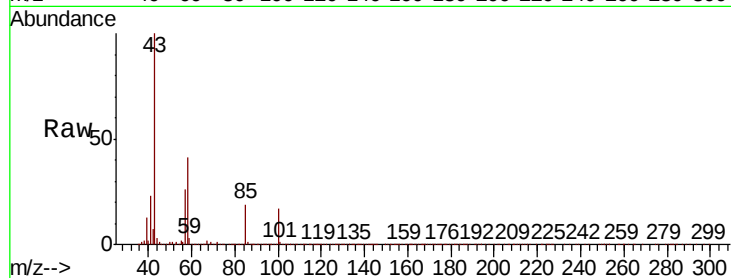
VSTDCCC050

Tot Ion: 43 Resp: 2406049

Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1



#52

Toluene

Concen: 48.521 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013786.D

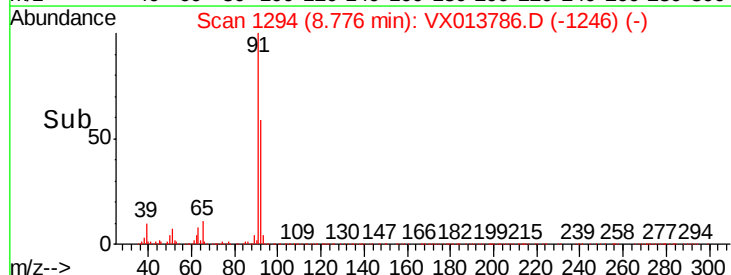
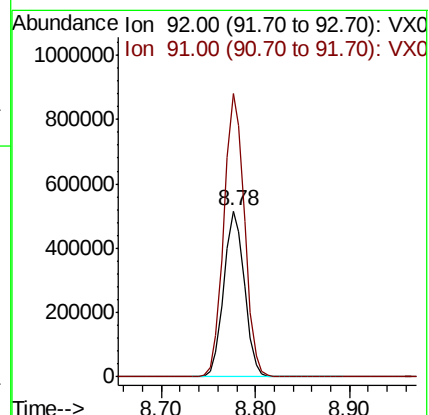
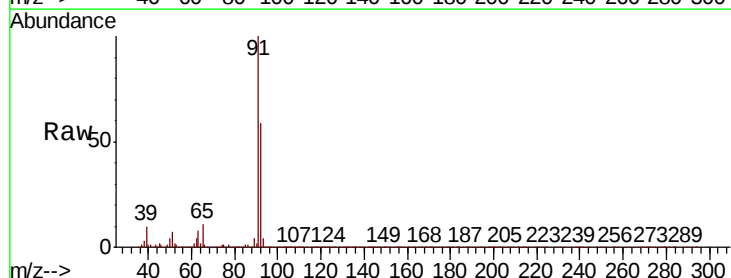
Acq: 06 Dec 2019 09:29

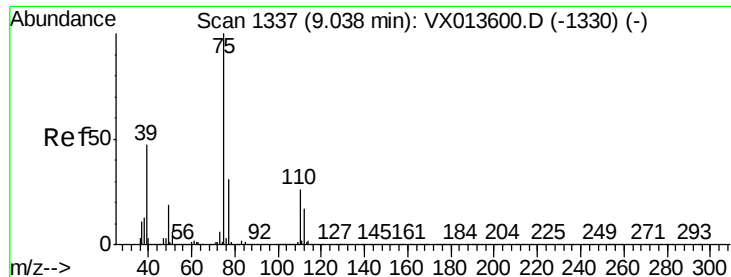
Tgt Ion: 92 Resp: 782177

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2

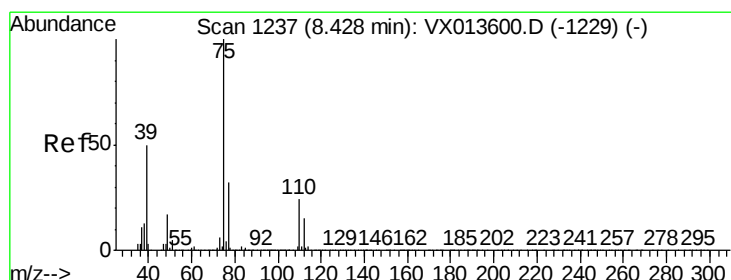
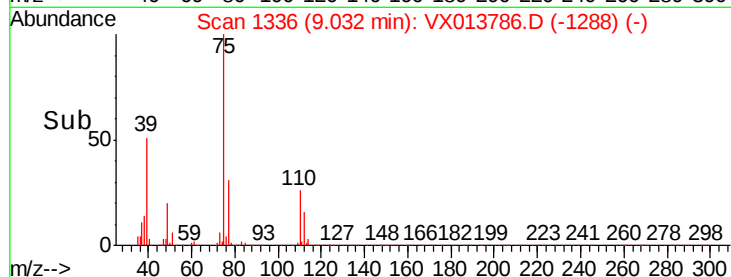
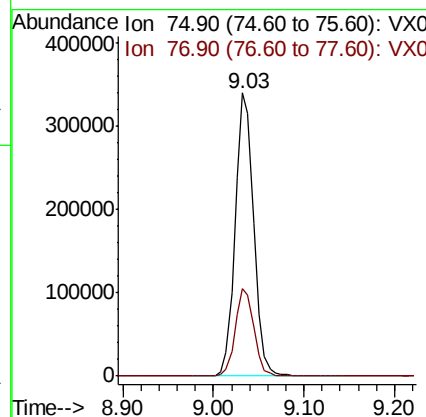
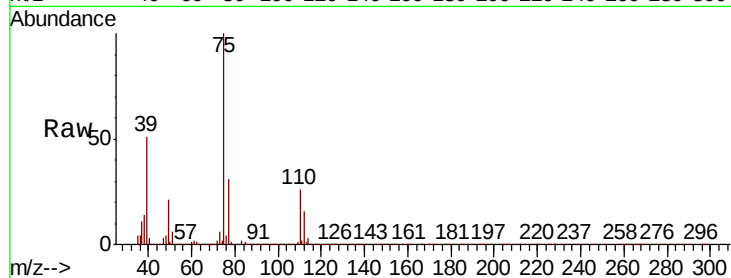




#53
t-1,3-Dichloropropene
Concen: 51.197 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

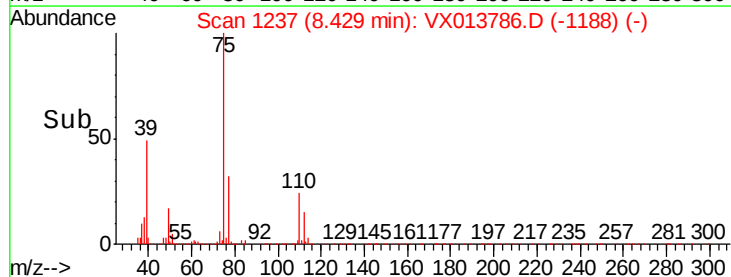
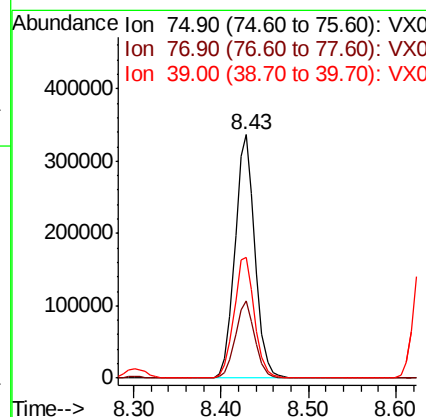
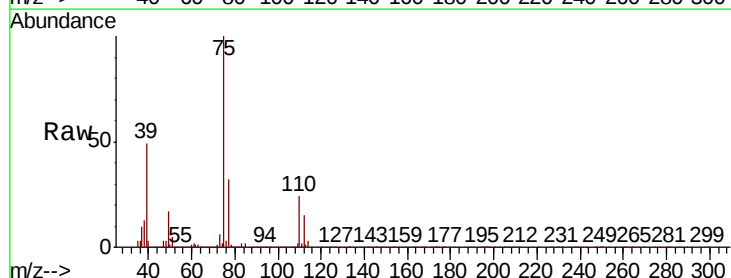
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

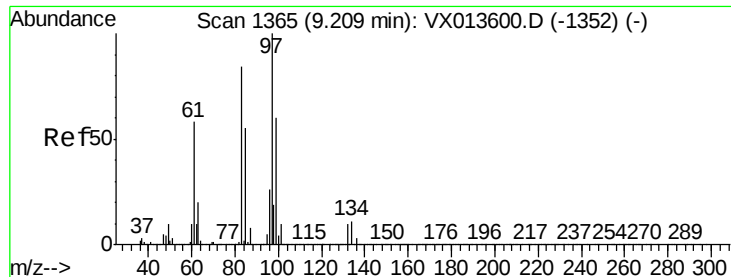
Tot Ion: 75 Resp: 485762
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 51.424 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 75 Resp: 533066
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 49.4 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 50.754 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 329711

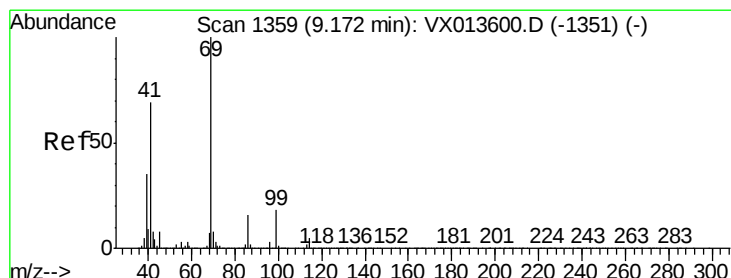
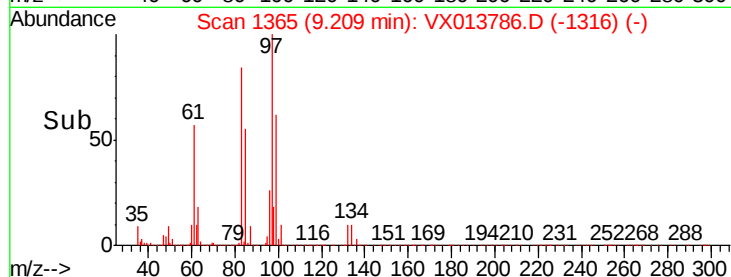
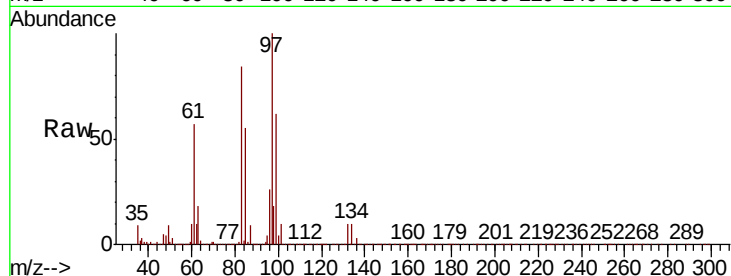
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.3	100.9
85	55.1	43.6	65.4
99	62.4	48.2	72.4

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: 50.932 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

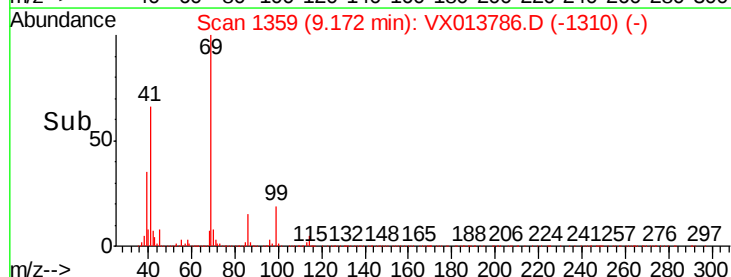
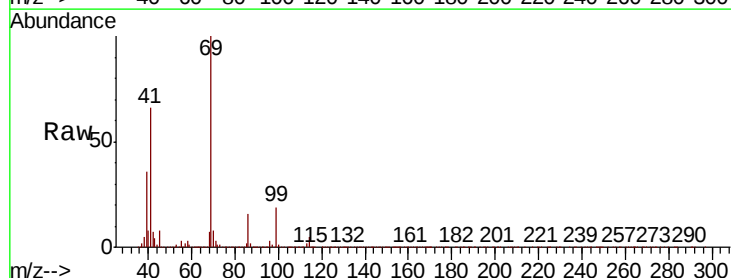
Tgt Ion: 69 Resp: 531945

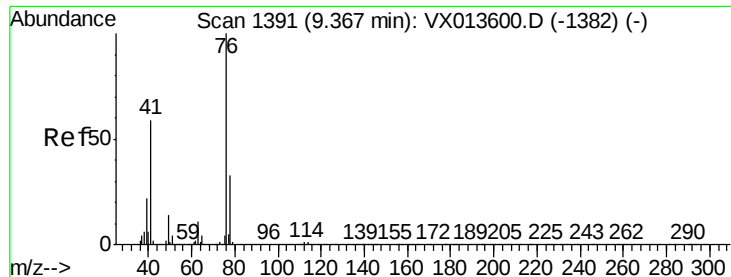
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.0	82.4
39	36.1	28.7	43.1

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: 48.740 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

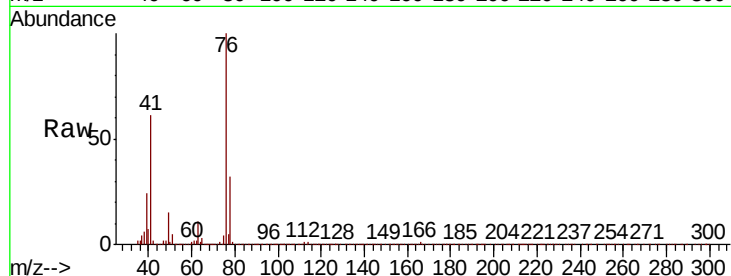
VSTDCCC050

Tot Ion: 76 Resp: 545762

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

400000

300000

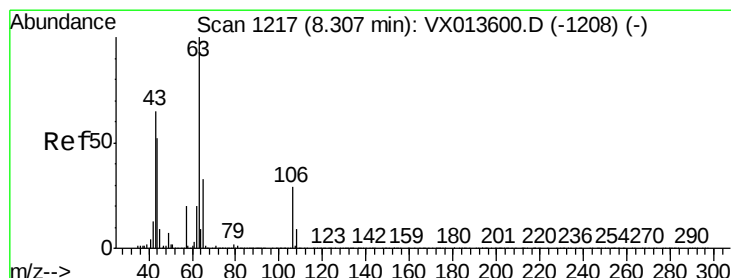
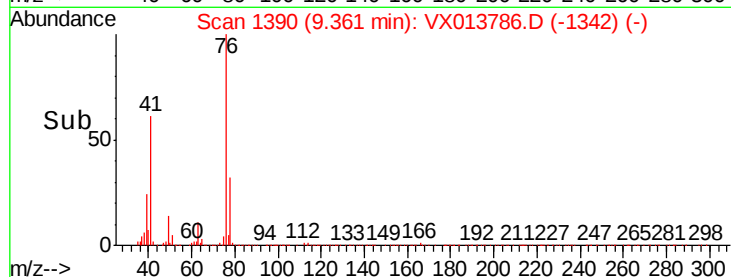
200000

100000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 239.113 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013786.D

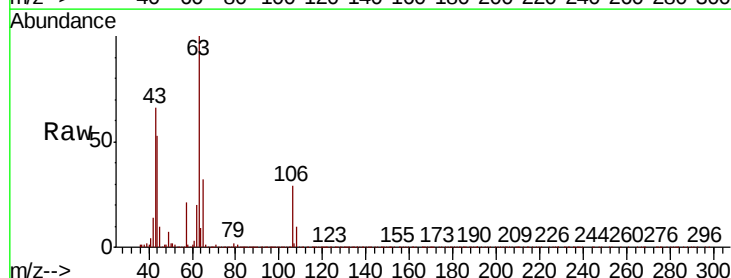
Acq: 06 Dec 2019 09:29

Tgt Ion: 63 Resp: 979149

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

600000

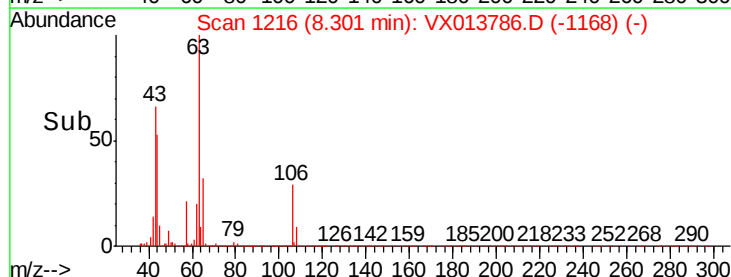
400000

200000

0

8.20 8.30 8.40

Time-->

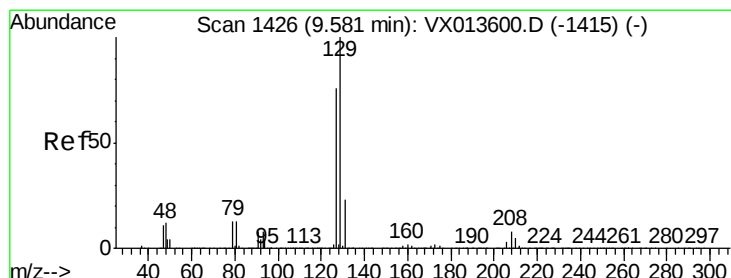
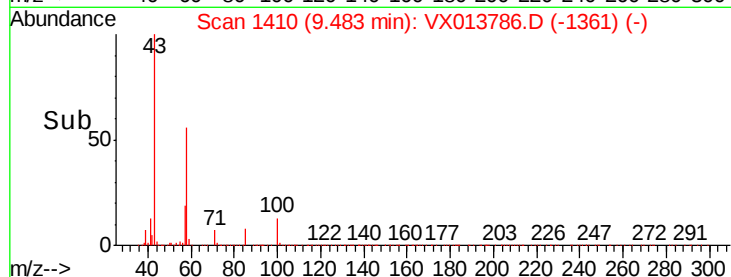
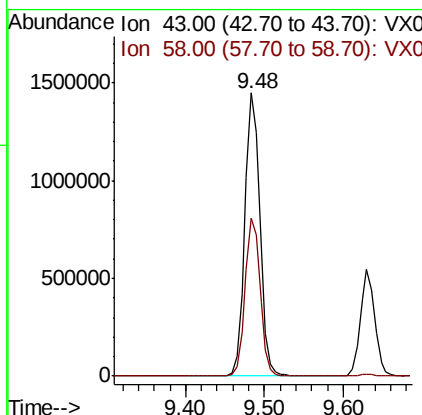
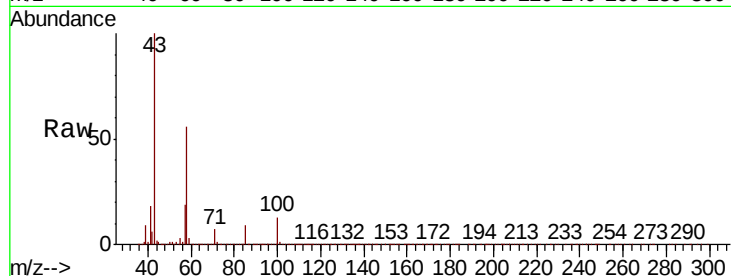




#59
2-Hexanone
Concen: 248.544 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

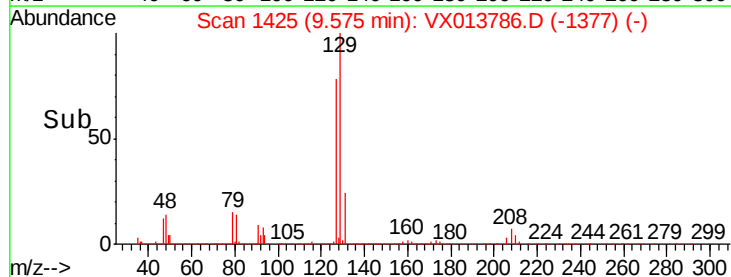
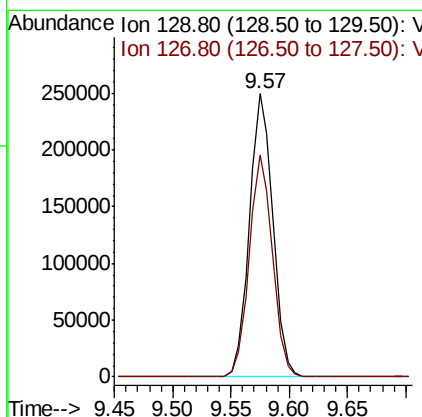
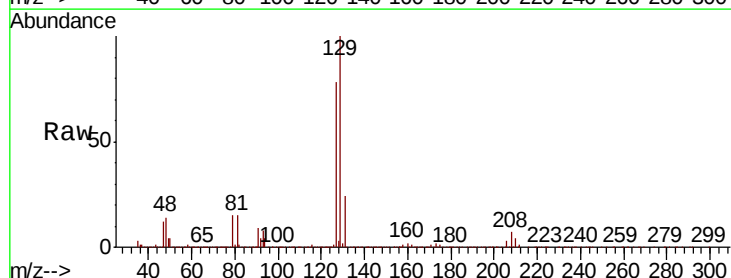
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1918683
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.4



#60
Dibromochloromethane
Concen: 51.999 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 129 Resp: 350564
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

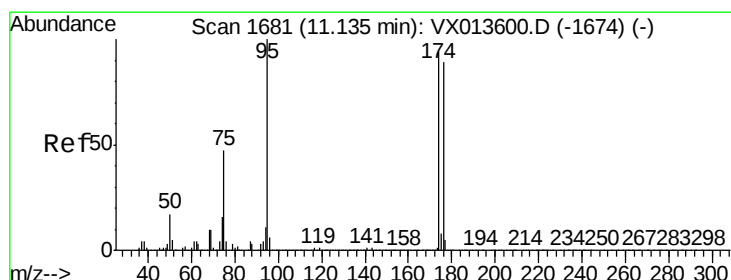
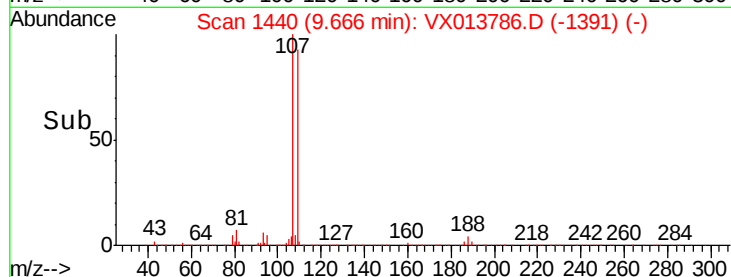
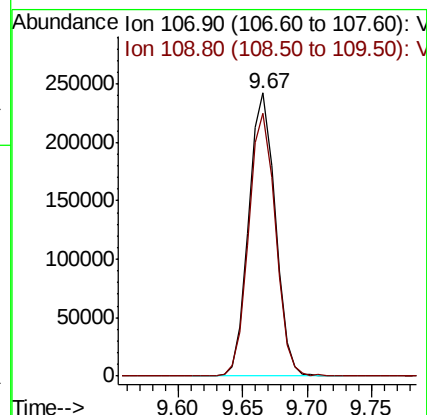
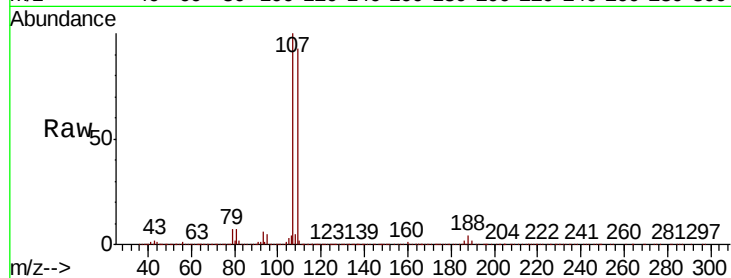




#61
 1,2-Dibromoethane
 Concen: 49.489 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

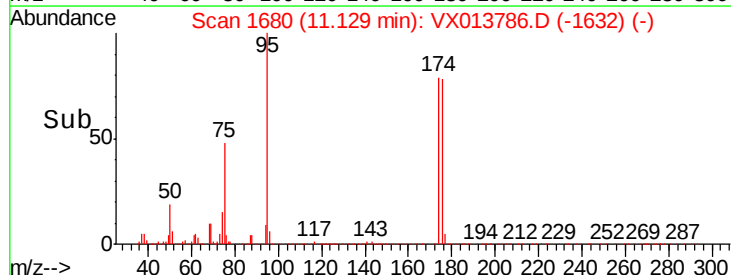
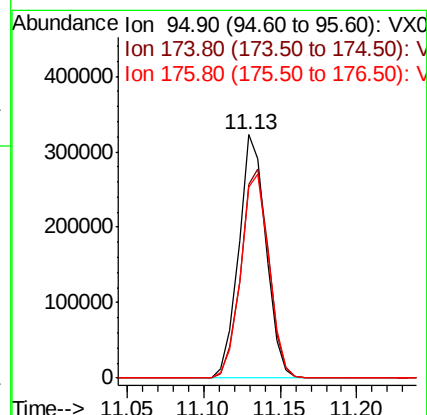
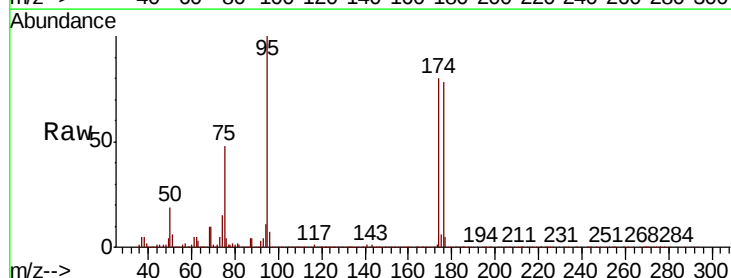
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

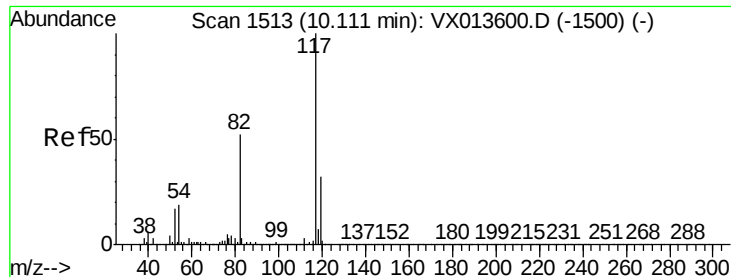
Tot Ion: 107 Resp: 343364
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 48.942 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Tgt Ion: 95 Resp: 398972
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 180.0
 176 87.1 0.0 173.6

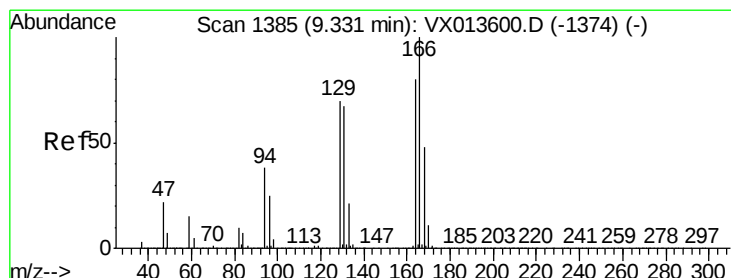
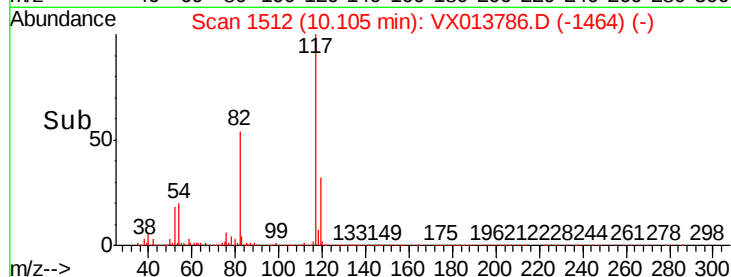
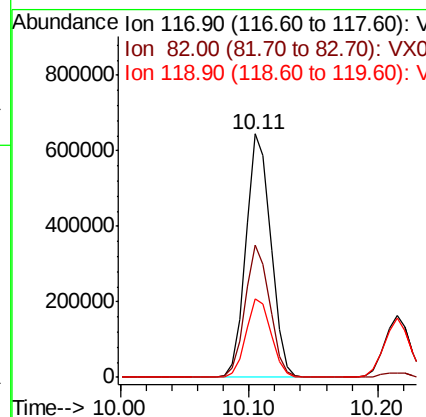
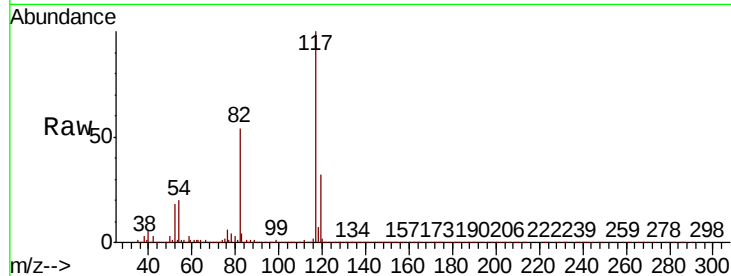




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

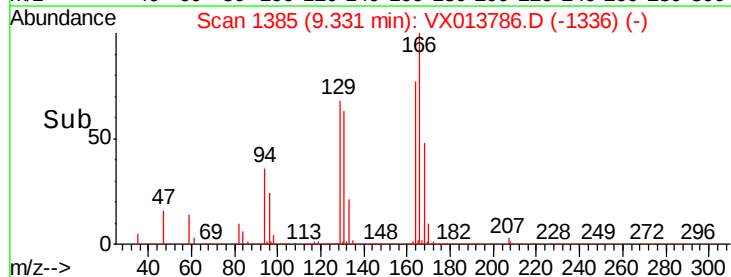
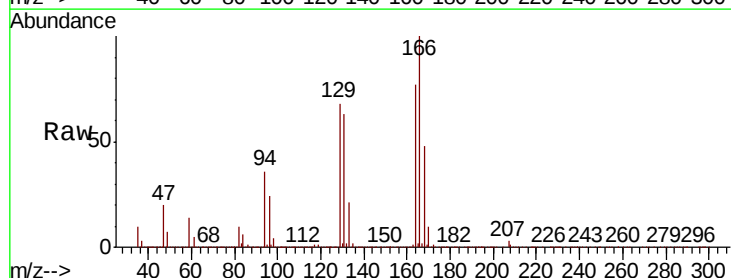
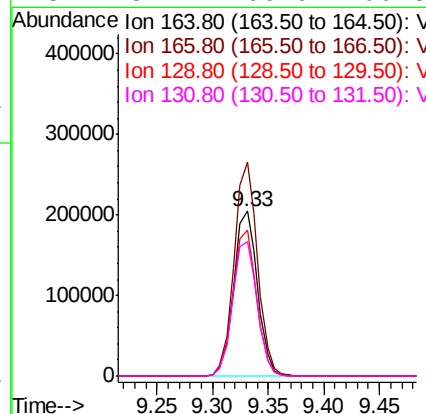
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

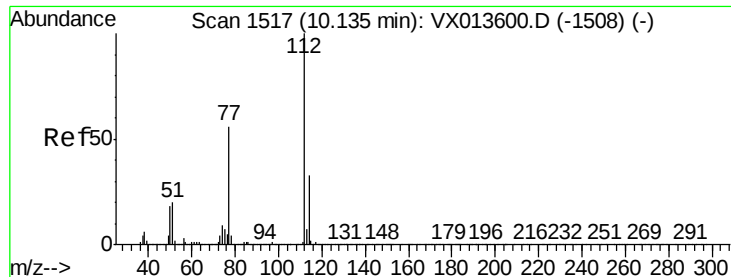
Tot Ion:117 Resp: 856373
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 47.212 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion:164 Resp: 301510
Ion Ratio Lower Upper
164 100
166 129.4 99.7 149.5
129 88.2 70.1 105.1
131 81.4 66.9 100.3

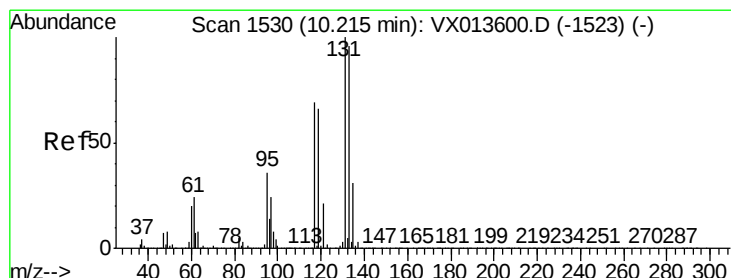
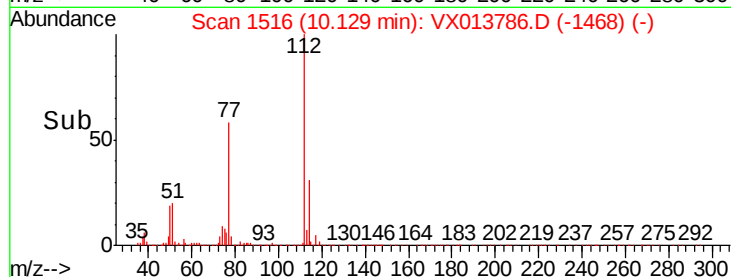
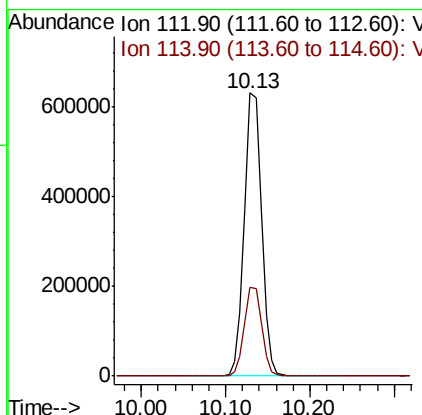
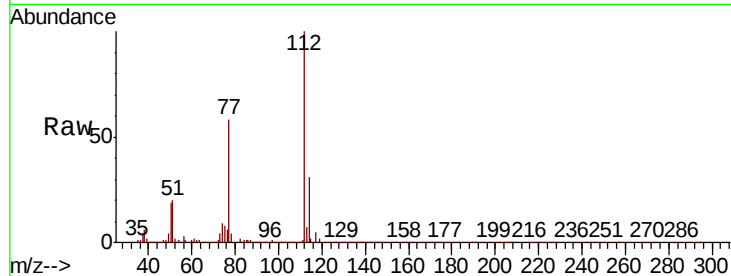




#65
Chlorobenzene
Concen: 48.568 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

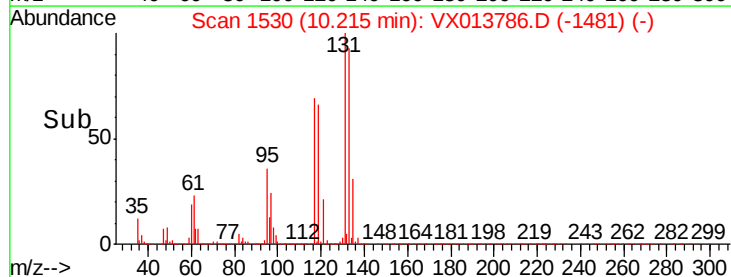
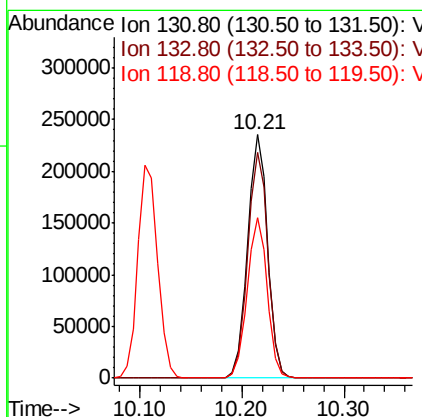
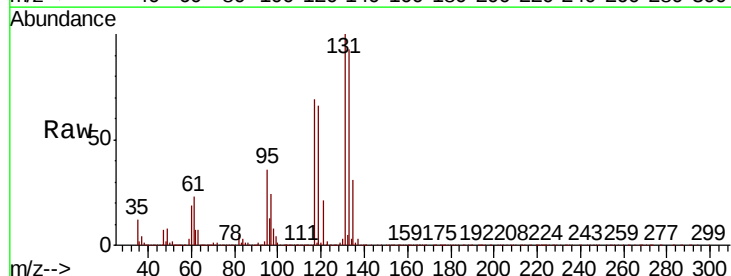
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

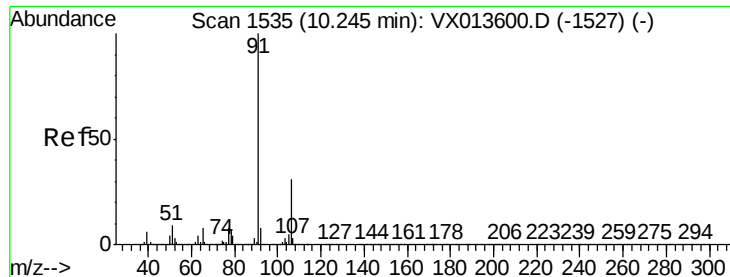
Tot Ion:112 Resp: 863549
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.412 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion:131 Resp: 321864
Ion Ratio Lower Upper
131 100
133 93.9 47.7 143.1
119 66.0 32.9 98.6





#67

Ethyl Benzene

Concen: 48.916 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

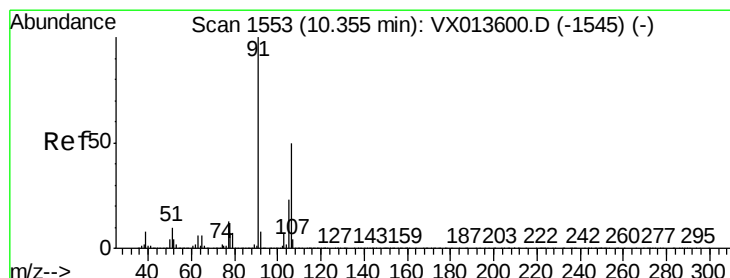
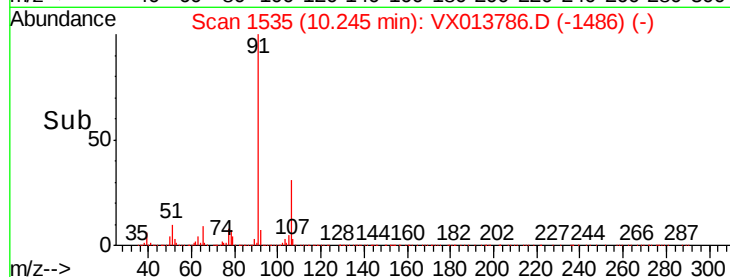
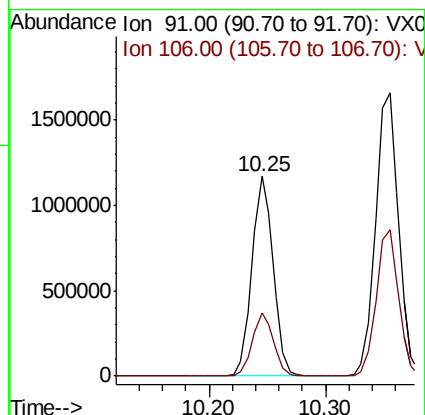
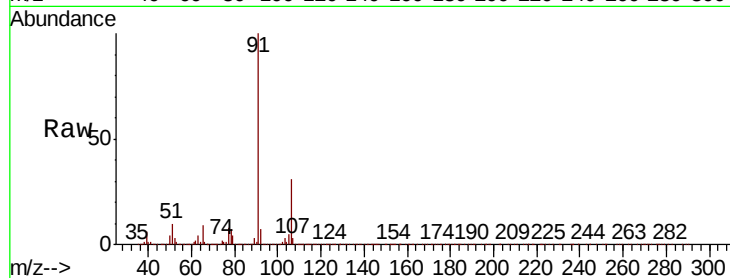
VSTDCCC050

Tot Ion: 91 Resp: 1494543

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 98.238 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013786.D

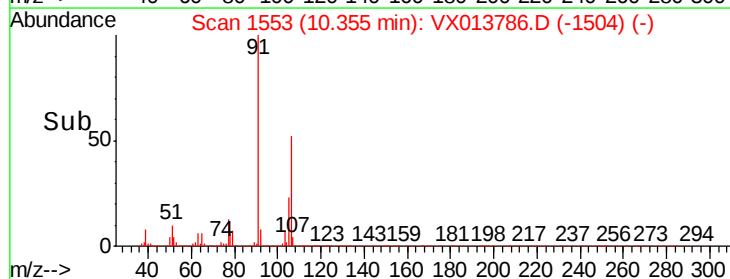
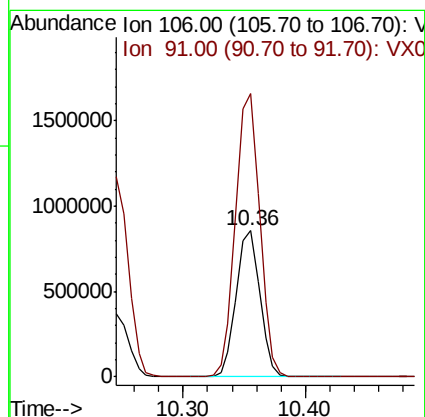
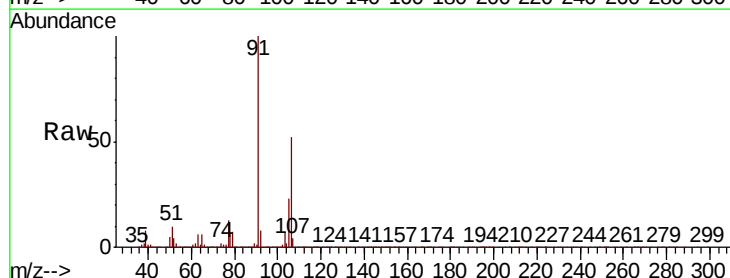
Acq: 06 Dec 2019 09:29

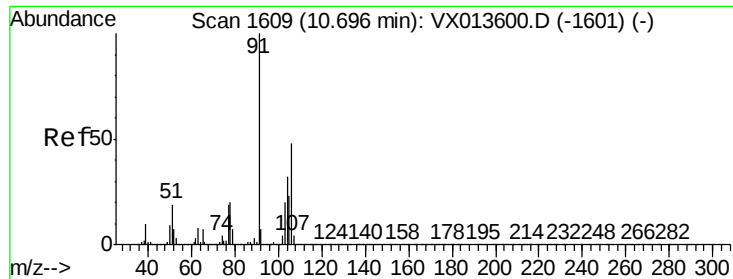
Tgt Ion: 106 Resp: 1149126

Ion Ratio Lower Upper

106 100

91 197.3 159.0 238.4

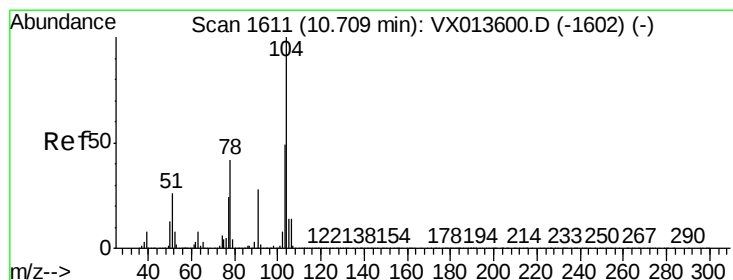
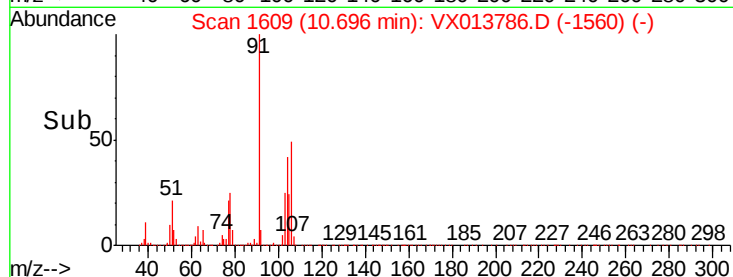
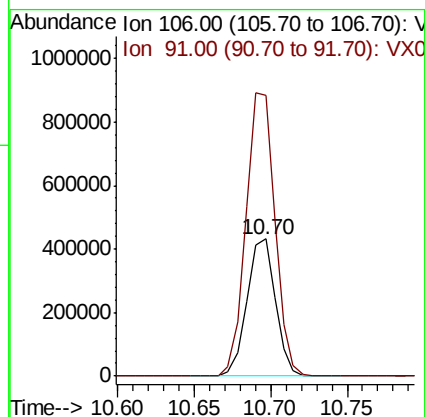
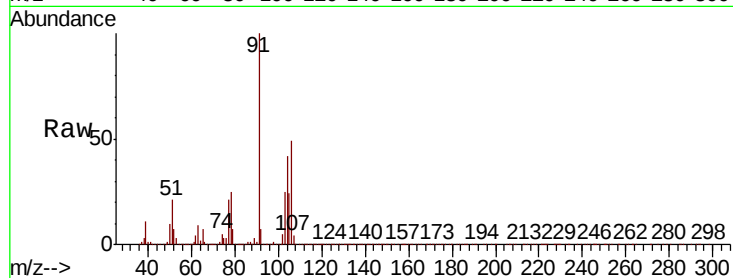




#69
o-Xylene
Concen: 48.984 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

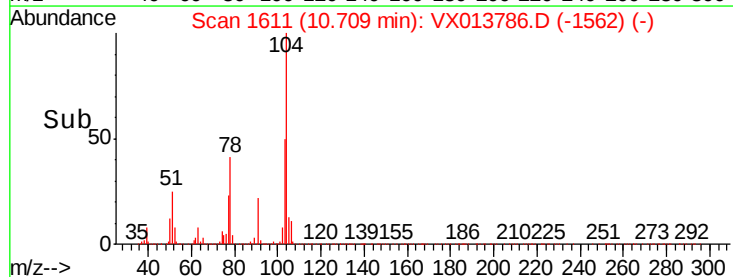
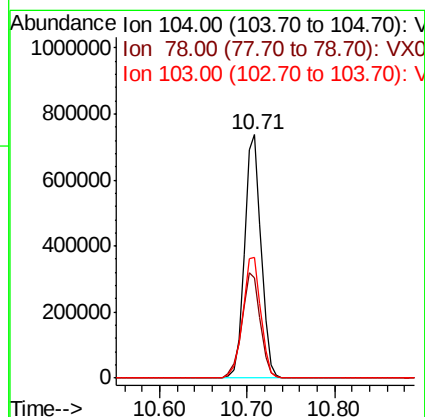
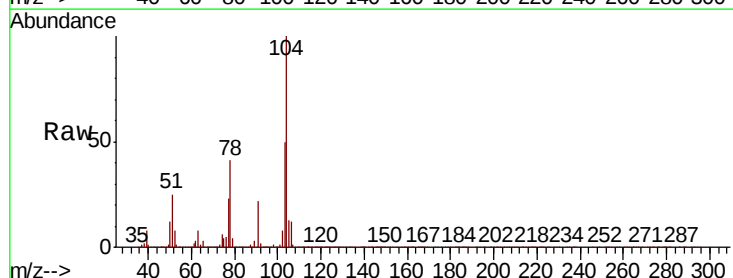
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

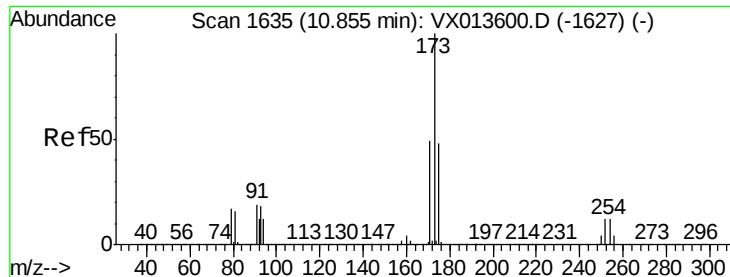
Tot Ion:106 Resp: 558827
Ion Ratio Lower Upper
106 100
91 210.5 104.1 312.2



#70
Styrene
Concen: 50.484 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion:104 Resp: 968826
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 54.5 43.7 65.5

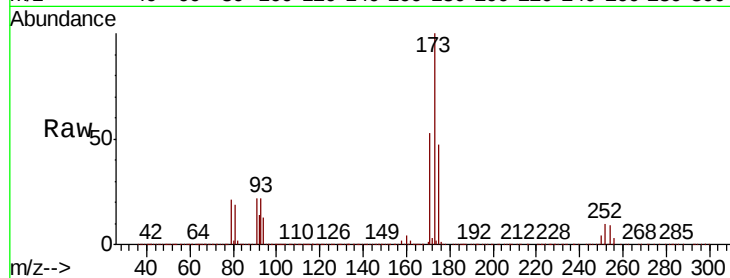




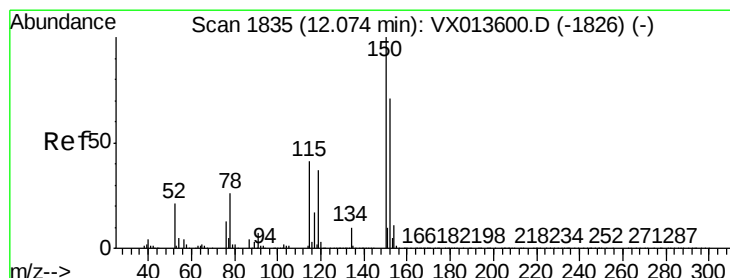
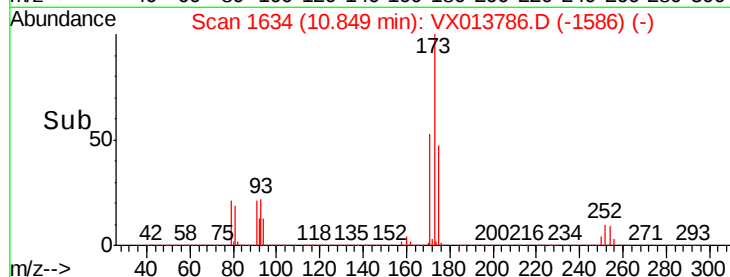
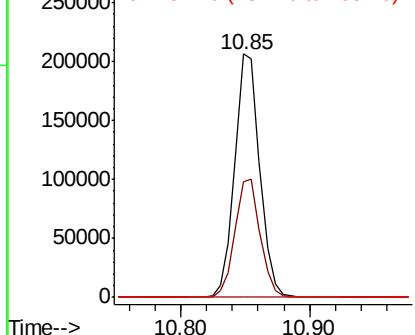
#71
Bromoform
Concen: 52.883 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 279368
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.2 0.2 0.4#

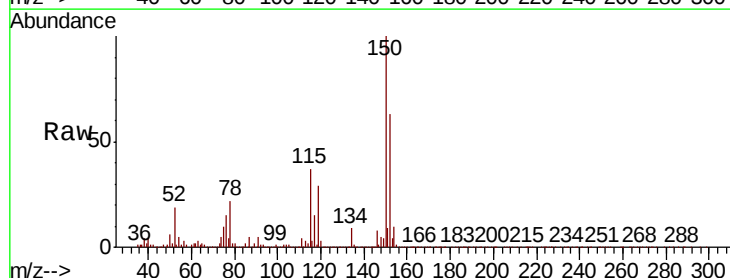


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

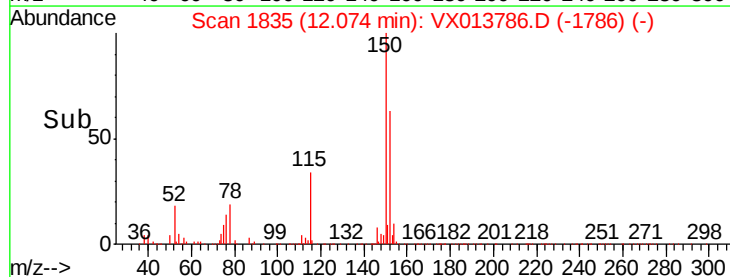
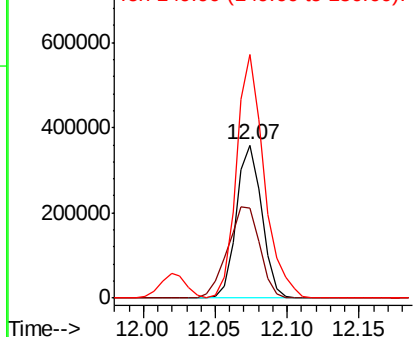


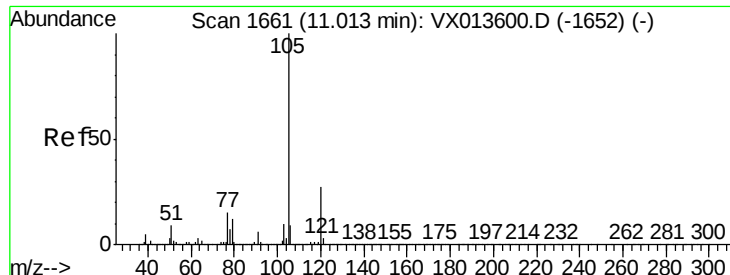
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion:152 Resp: 442964
Ion Ratio Lower Upper
152 100
115 75.7 38.4 115.1
150 171.9 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: 47.753 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampled :

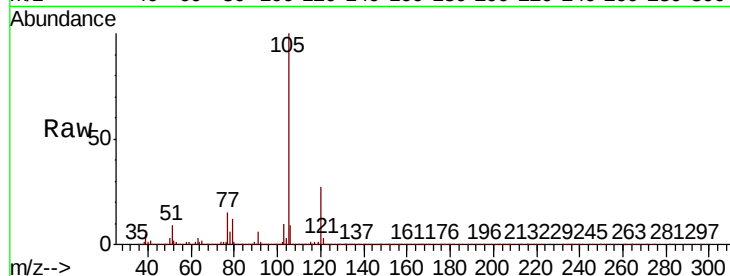
VSTDCCC050

Tot Ion:105 Resp: 1483794

Ion Ratio Lower Upper

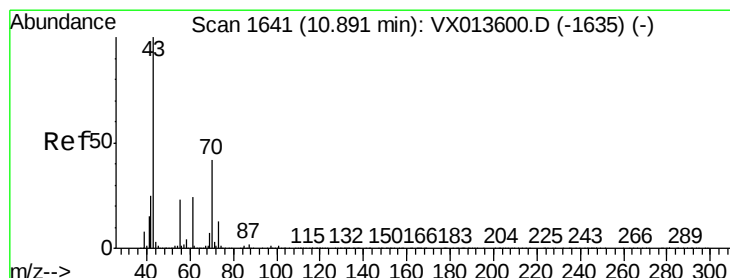
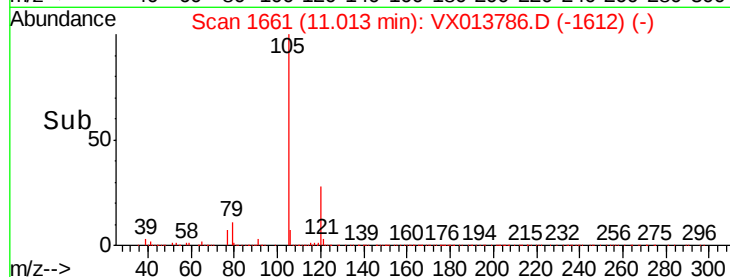
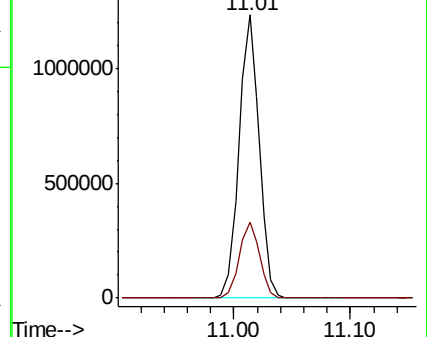
105 100

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: 48.984 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion: 43 Resp: 697226

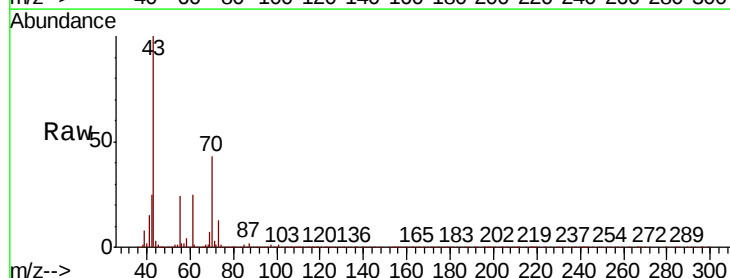
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 23.9 18.5 27.7

61 24.5 19.8 29.8

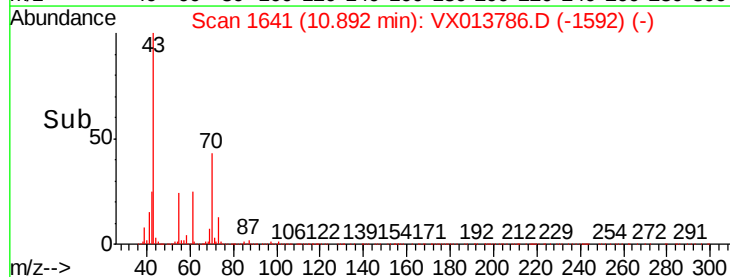
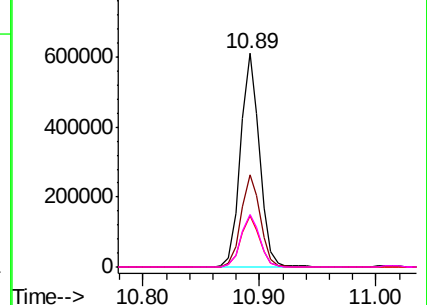


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.159 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

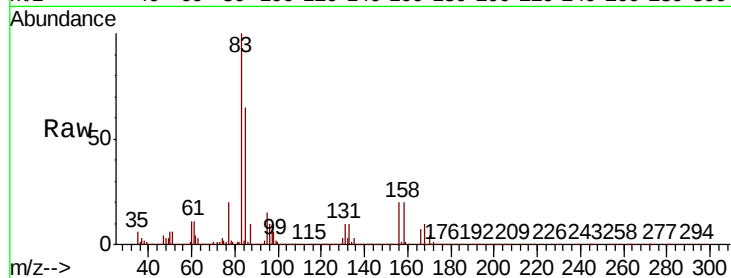
Tot Ion: 83 Resp: 518943

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

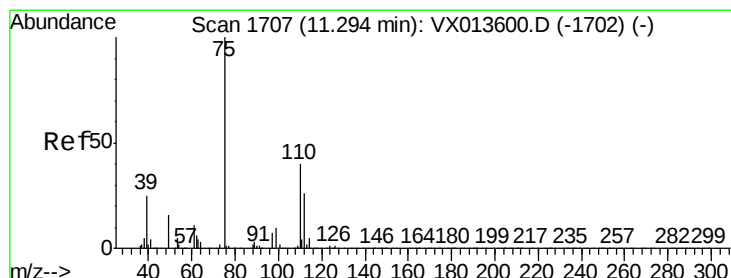
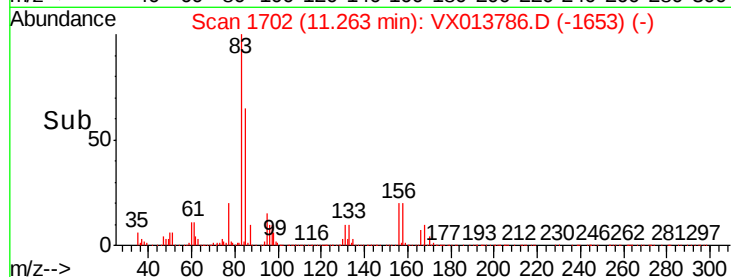
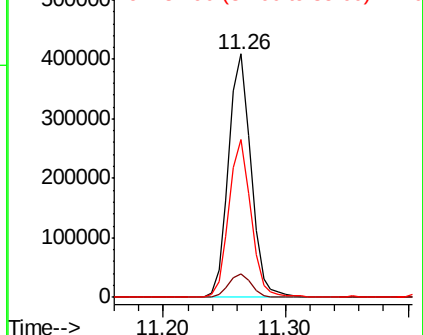
85 63.9 31.8 95.3



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: 59.922 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013786.D

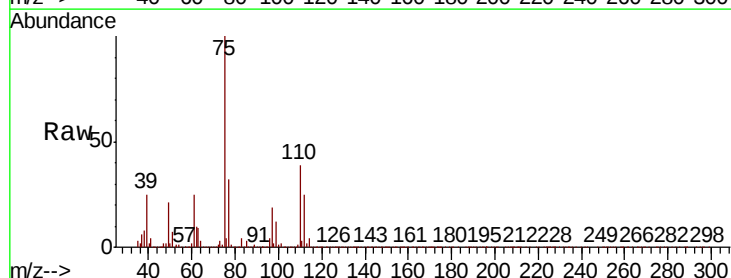
Acq: 06 Dec 2019 09:29

Tgt Ion: 75 Resp: 597001

Ion Ratio Lower Upper

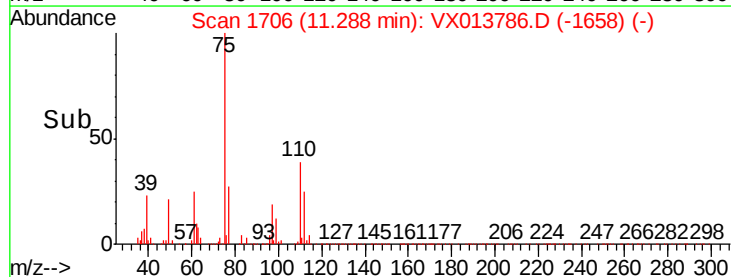
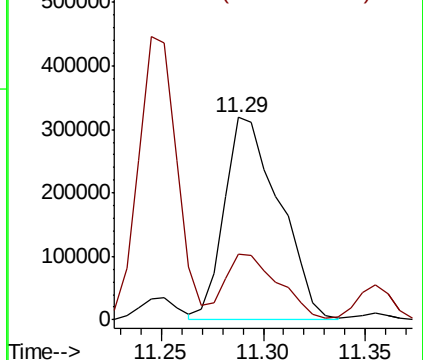
75 100

77 32.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.864 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

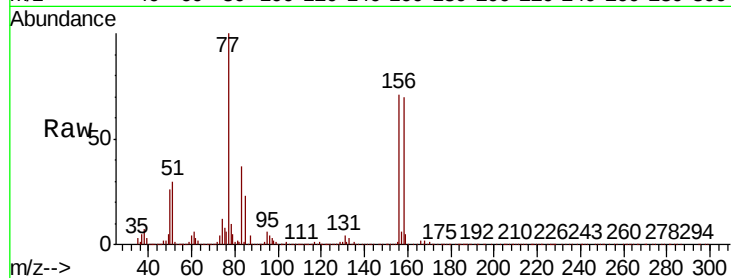
Tot Ion:156 Resp: 393387

Ion Ratio Lower Upper

156 100

77 147.6 74.4 223.1

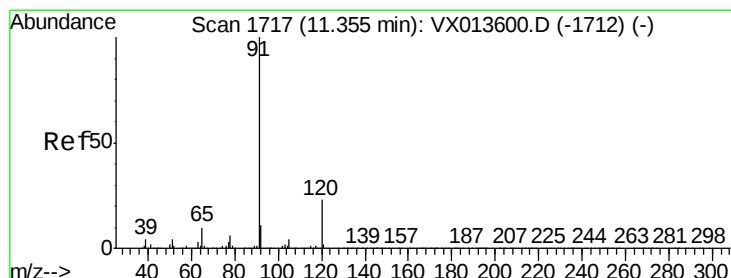
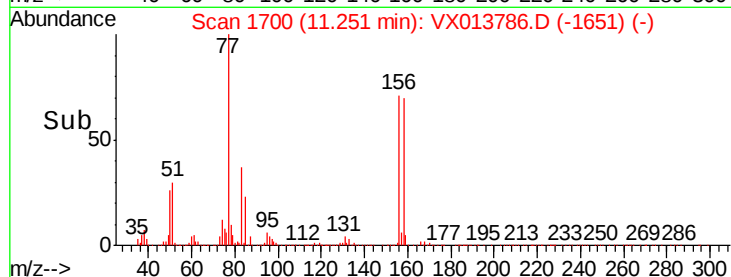
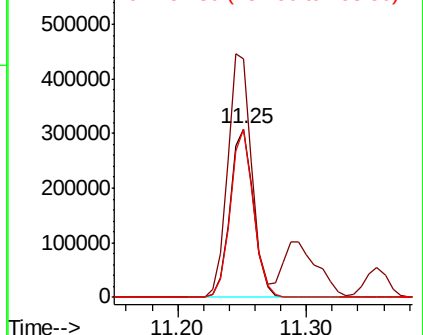
158 98.1 48.9 146.6



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: 48.704 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013786.D

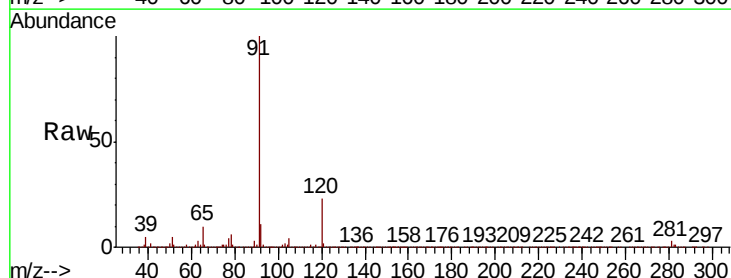
Acq: 06 Dec 2019 09:29

Tgt Ion: 91 Resp: 1689375

Ion Ratio Lower Upper

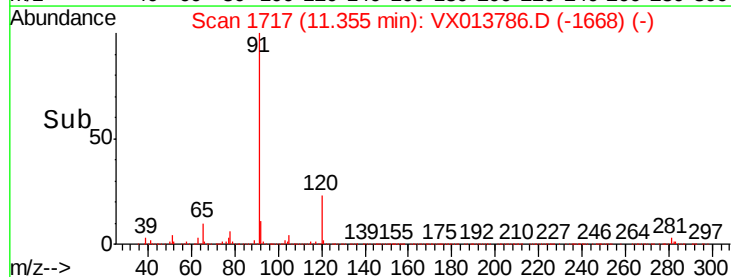
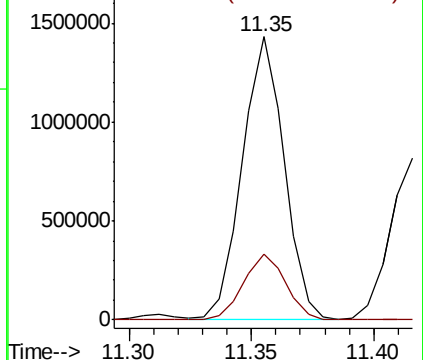
91 100

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: 47.810 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

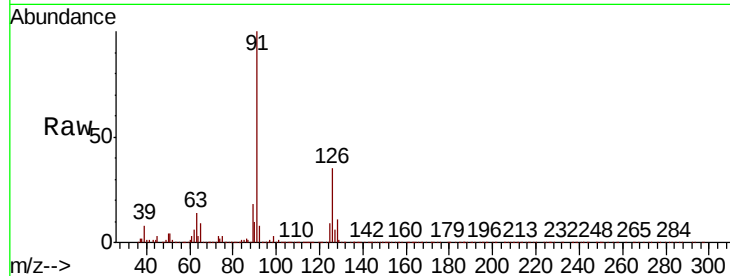
VSTDCCC050

Tot Ion: 91 Resp: 994788

Ion Ratio Lower Upper

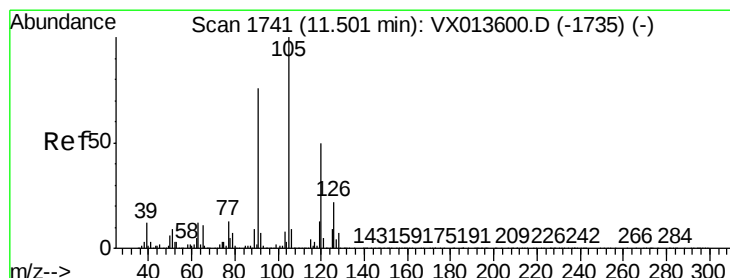
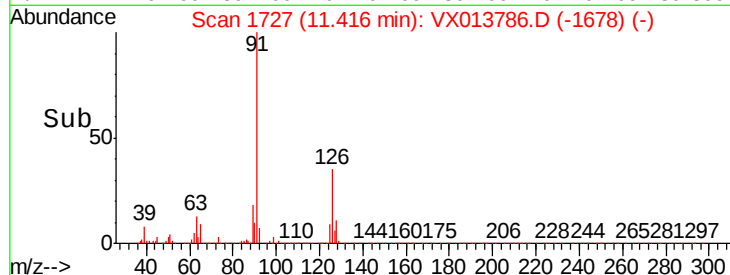
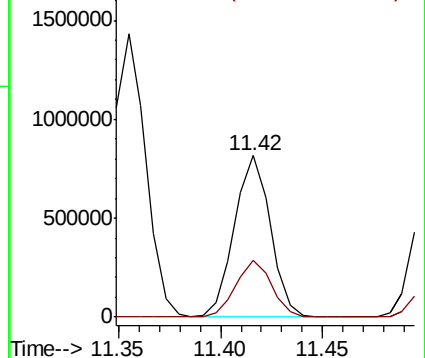
91 100

126 34.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.049 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013786.D

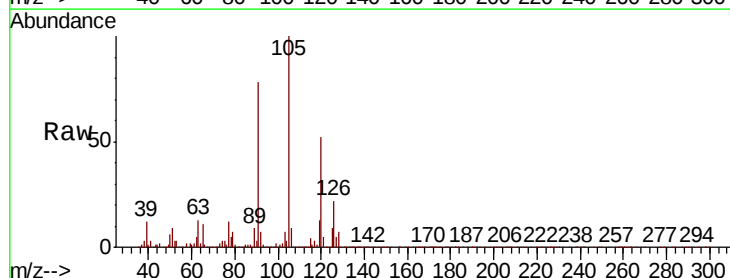
Acq: 06 Dec 2019 09:29

Tgt Ion: 105 Resp: 1249109

Ion Ratio Lower Upper

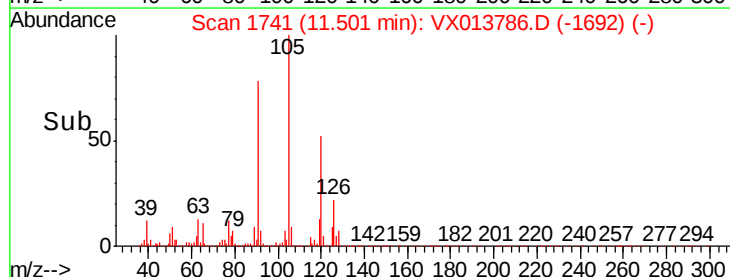
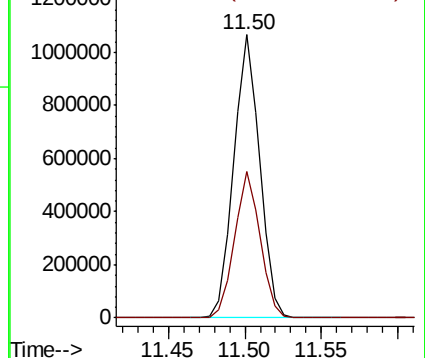
105 100

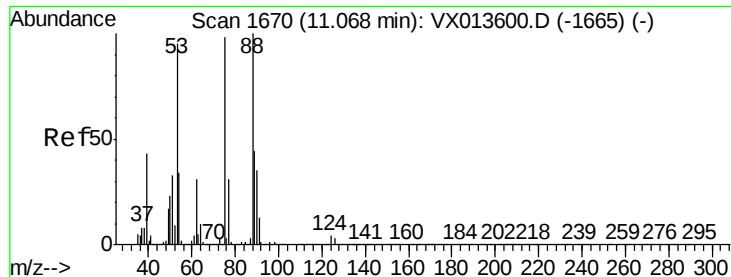
120 50.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.328 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

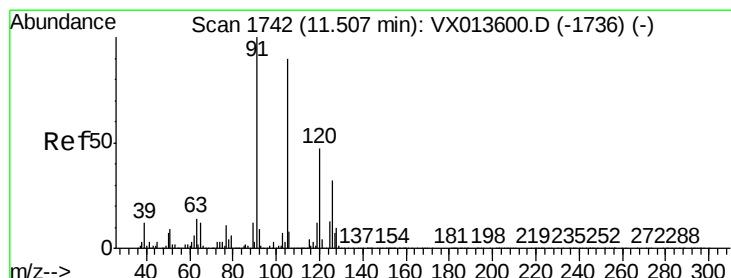
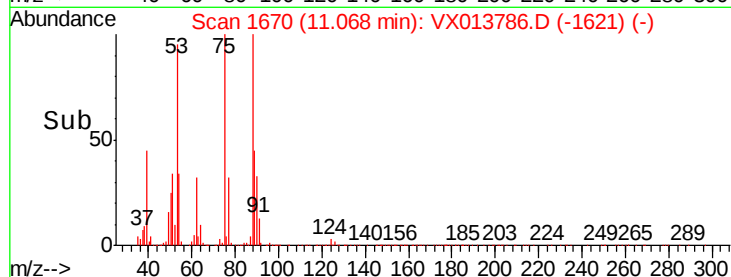
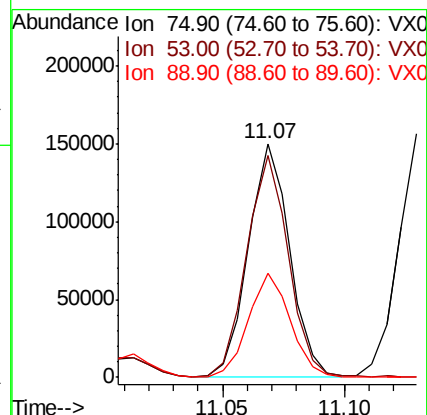
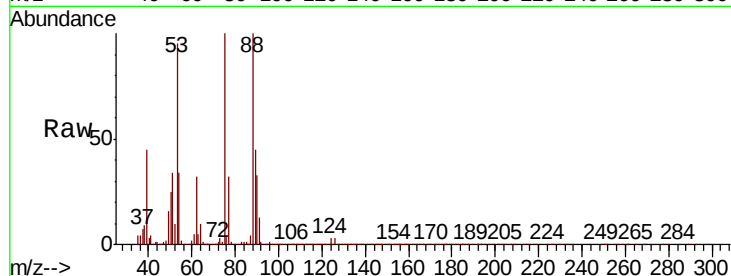
Tot Ion: 75 Resp: 175997

Ion Ratio Lower Upper

75 100

53 95.9 78.2 117.2

89 45.2 35.4 53.2



#82

4-Chlorotoluene

Concen: 47.970 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013786.D

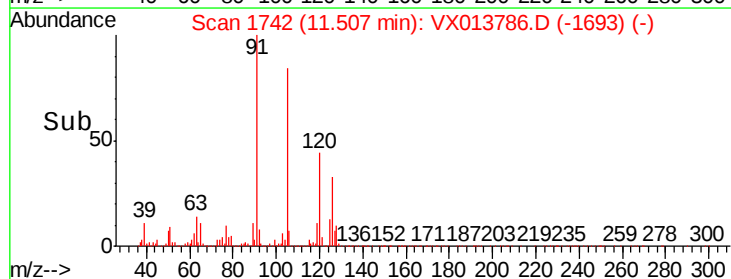
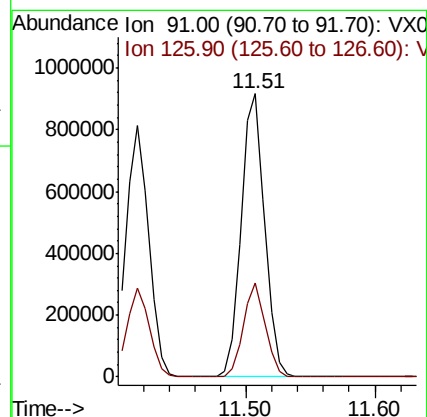
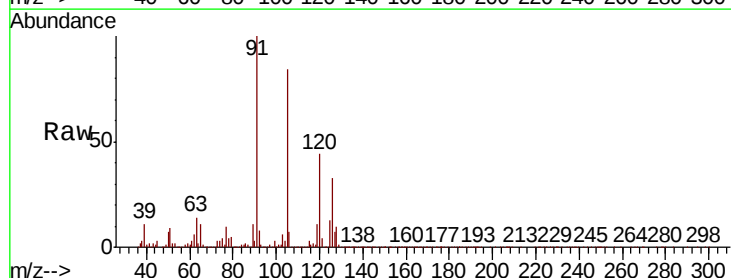
Acq: 06 Dec 2019 09:29

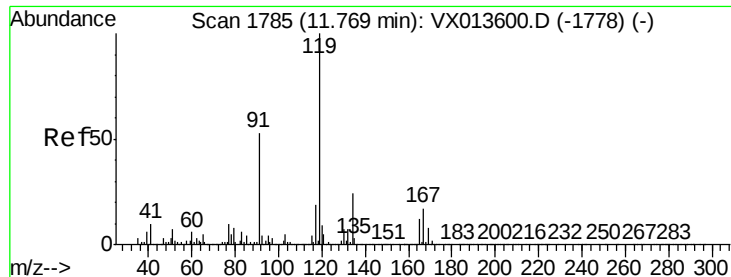
Tgt Ion: 91 Resp: 1156040

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.0





#83

tert-Butylbenzene

Concen: 48.972 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

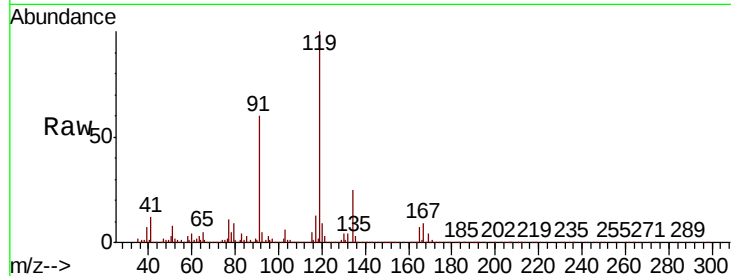
Tot Ion:119 Resp: 1267453

Ion Ratio Lower Upper

119 100

91 53.6 27.2 81.6

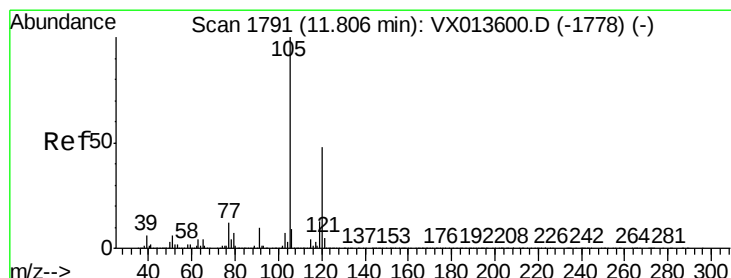
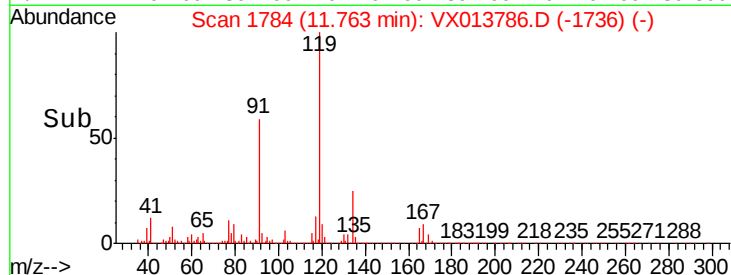
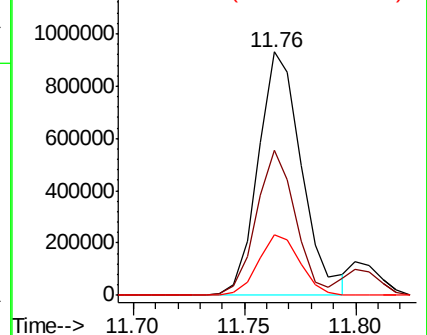
134 23.6 11.7 35.1



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: 48.543 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013786.D

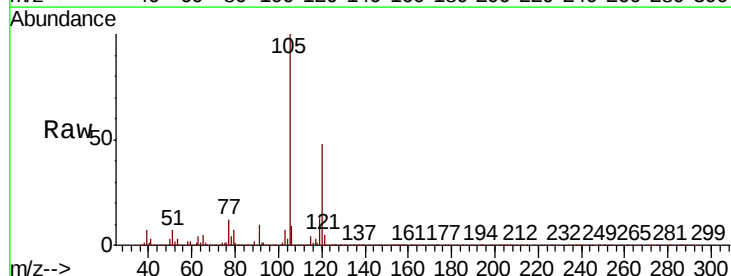
Acq: 06 Dec 2019 09:29

Tgt Ion:105 Resp: 1254631

Ion Ratio Lower Upper

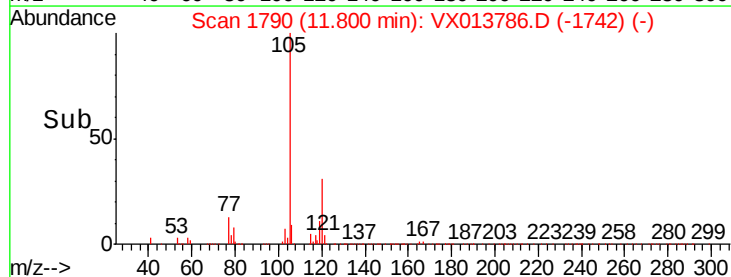
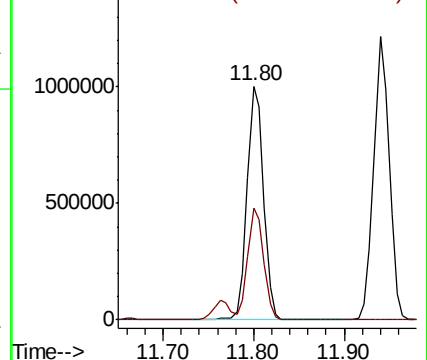
105 100

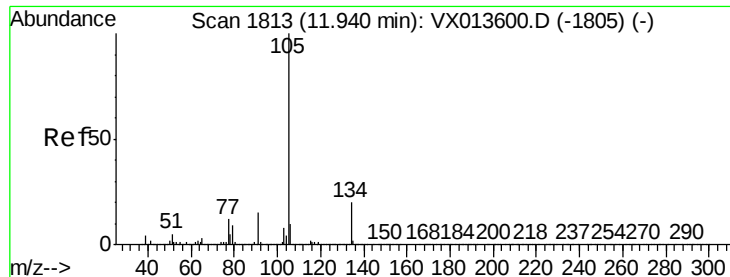
120 46.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.357 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

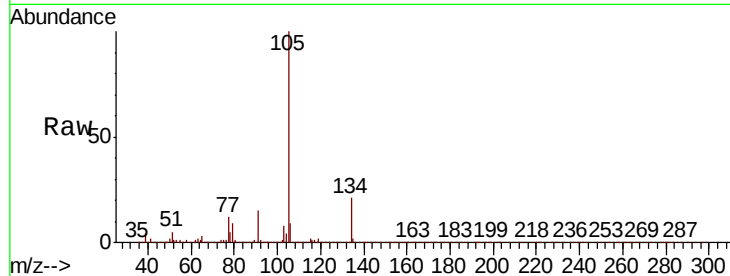
VSTDCCC050

Tot Ion:105 Resp: 1459116

Ion Ratio Lower Upper

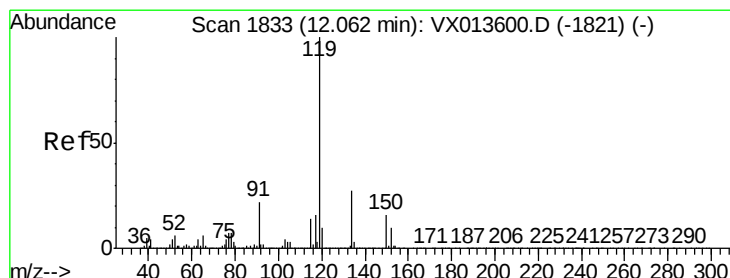
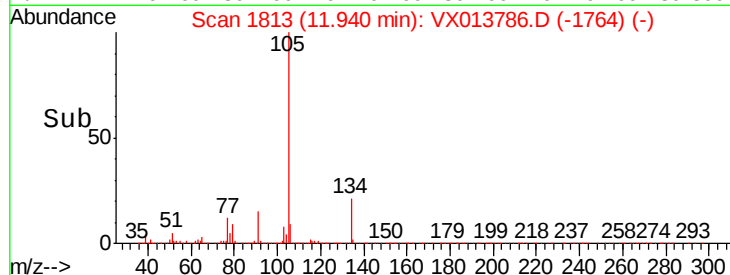
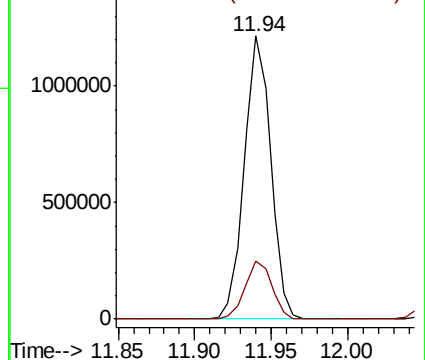
105 100

134 20.9 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: 49.140 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

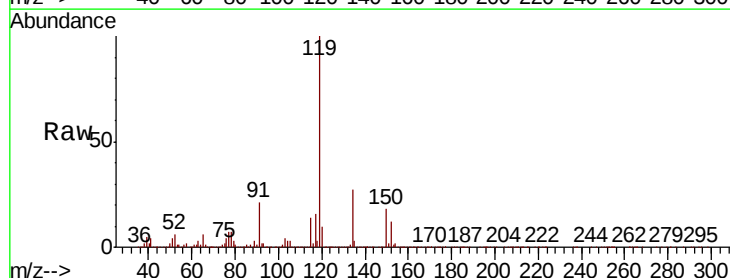
Tgt Ion:119 Resp: 1351430

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

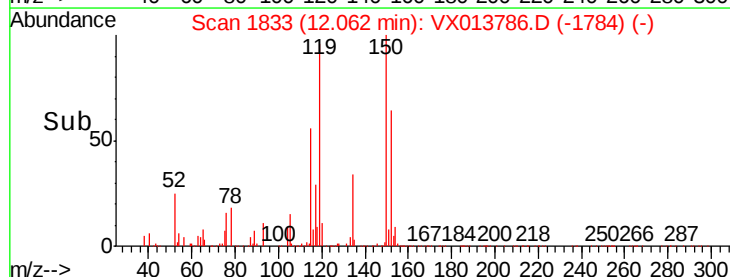
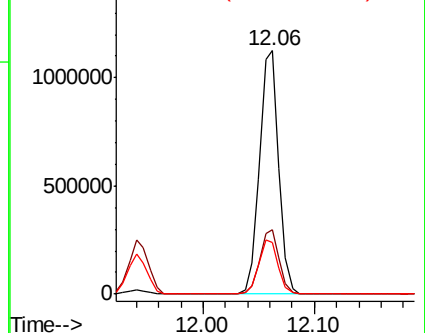
91 22.3 11.3 33.8

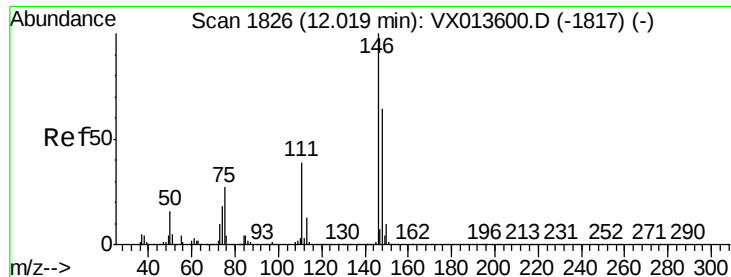


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

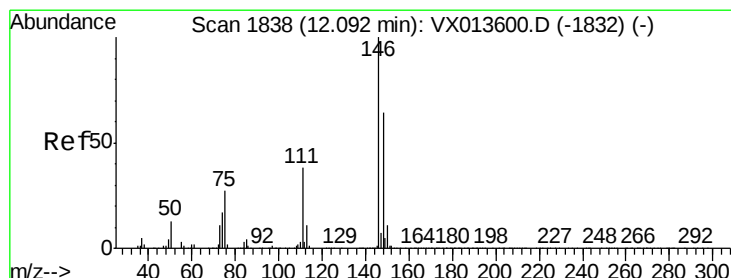
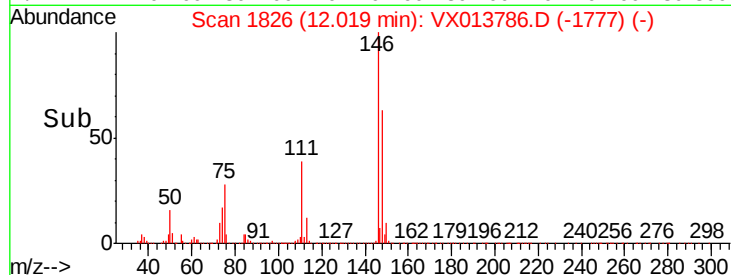
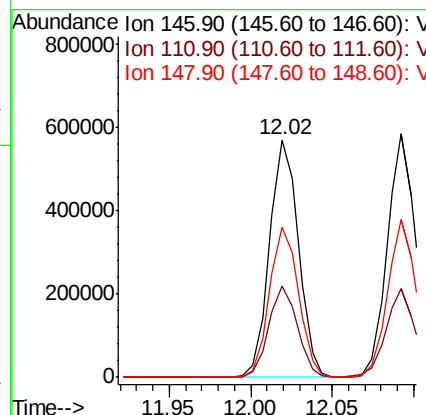
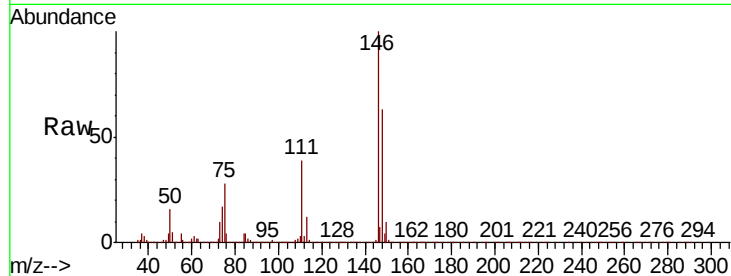




#87
 1,3-Dichlorobenzene
 Concen: 47.606 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

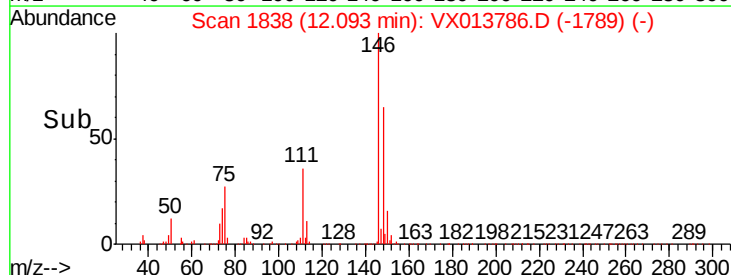
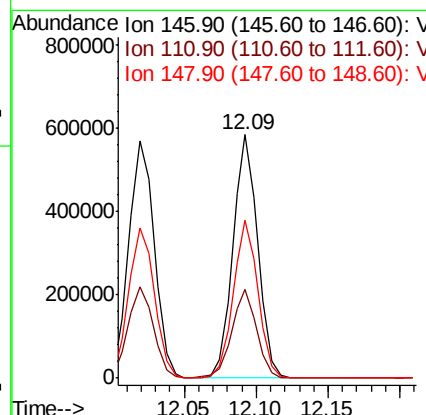
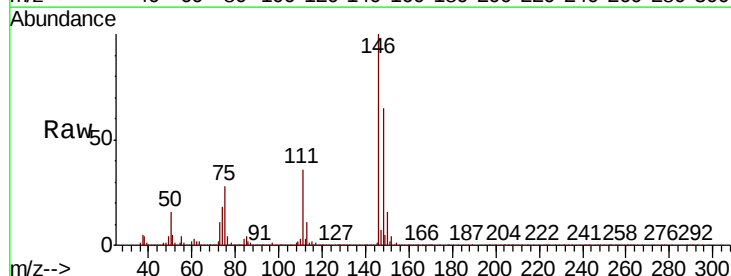
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

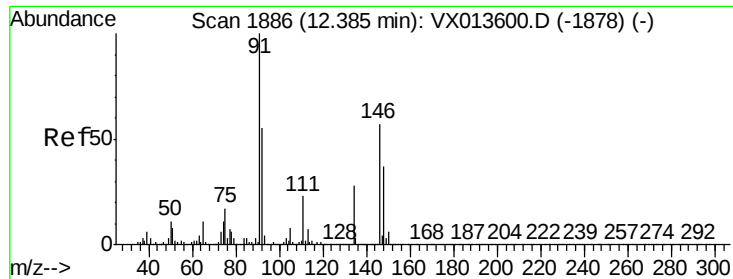
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.7	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.284 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.9
148	64.6	31.9	95.5

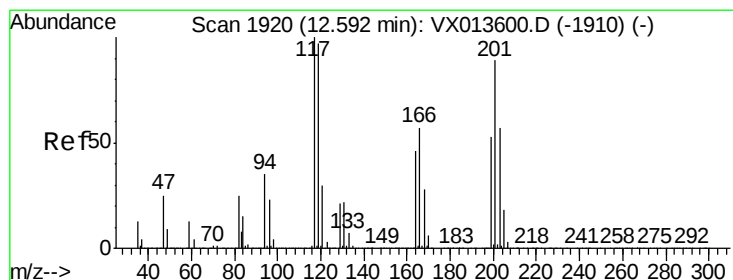
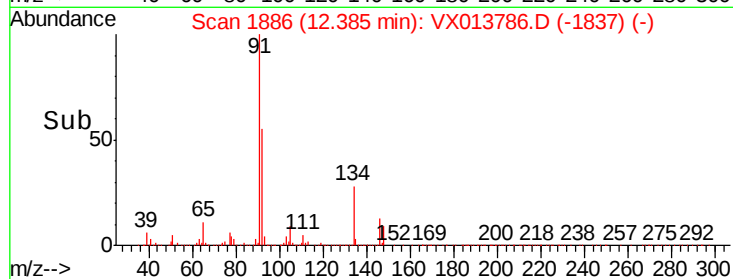
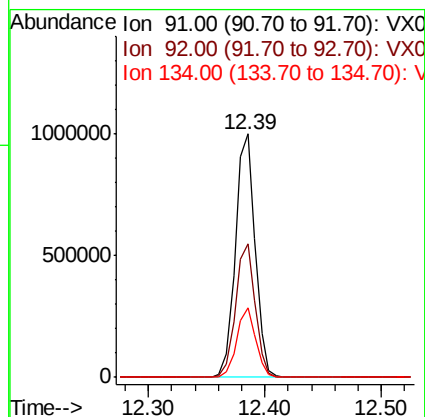
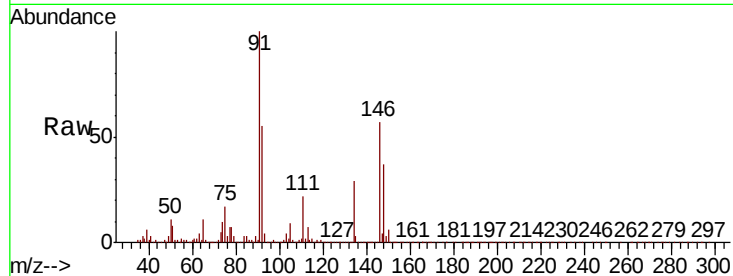




#89
n-Butylbenzene
Concen: 50.210 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

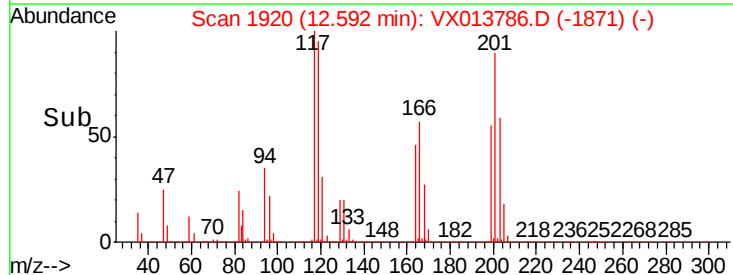
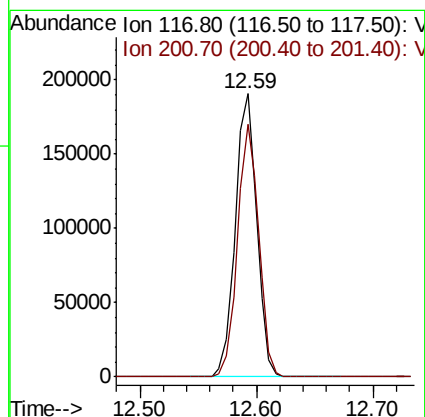
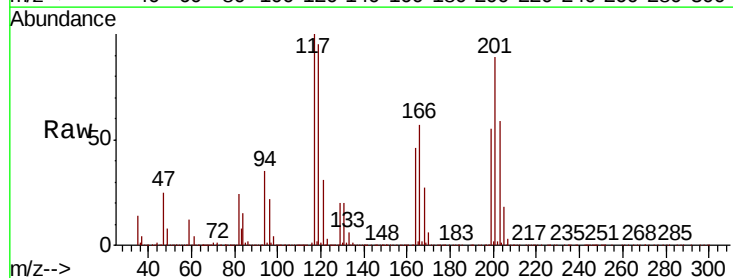
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

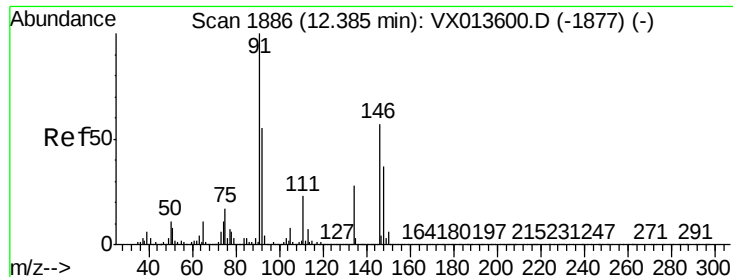
Tot Ion: 91 Resp: 1177740
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.2
134 27.4 13.5 40.4



#90
Hexachloroethane
Concen: 49.295 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 117 Resp: 245045
Ion Ratio Lower Upper
117 100
201 88.2 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 48.549 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

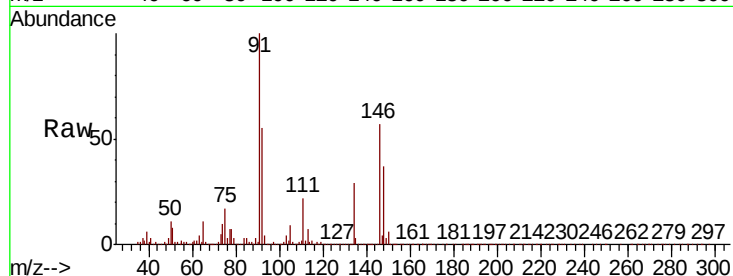
Tot Ion:146 Resp: 701903

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

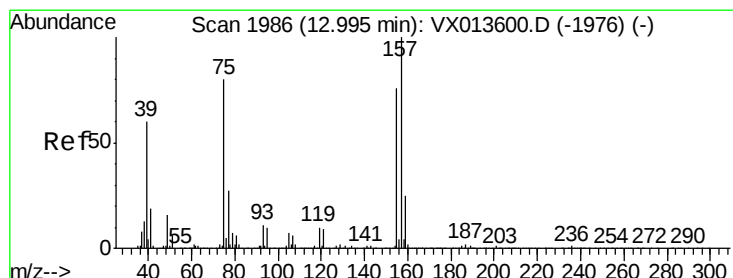
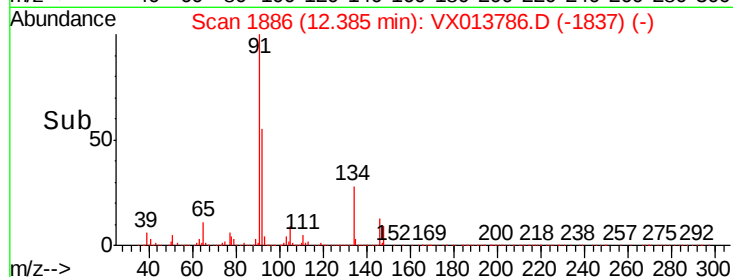
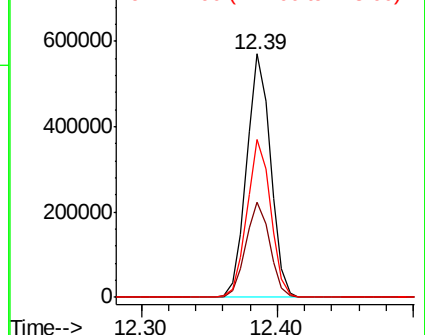
148 64.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.337 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

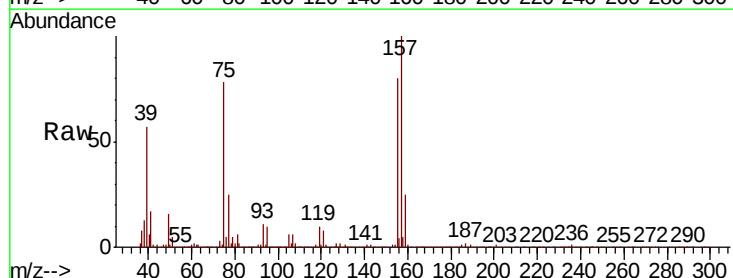
Tgt Ion: 75 Resp: 111080

Ion Ratio Lower Upper

75 100

155 98.7 47.6 142.8

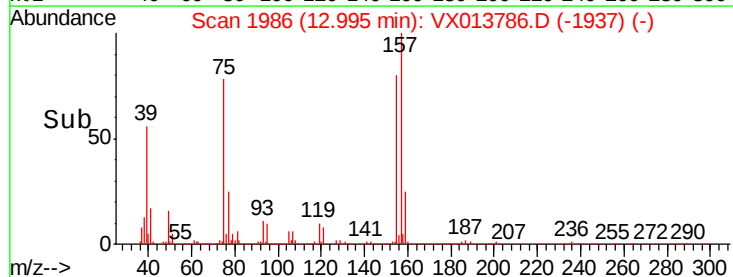
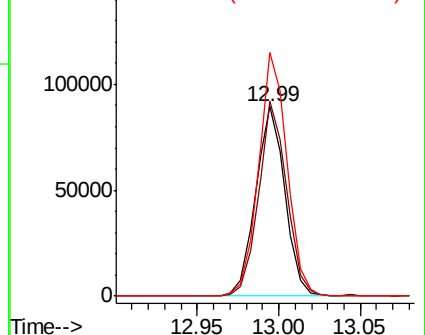
157 125.6 62.1 186.2

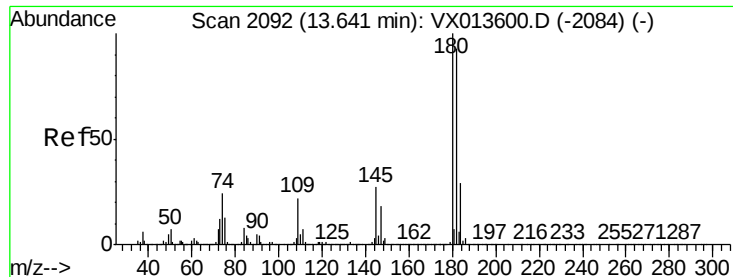


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

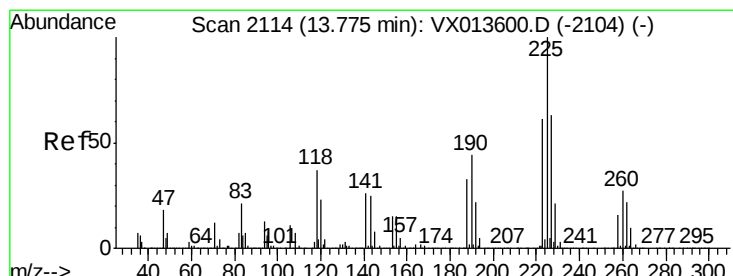
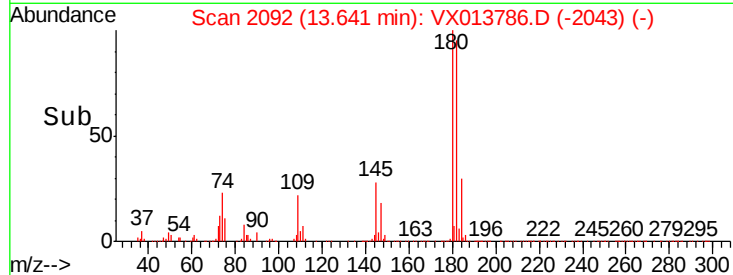
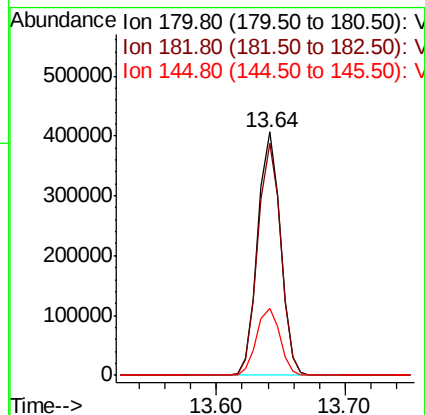
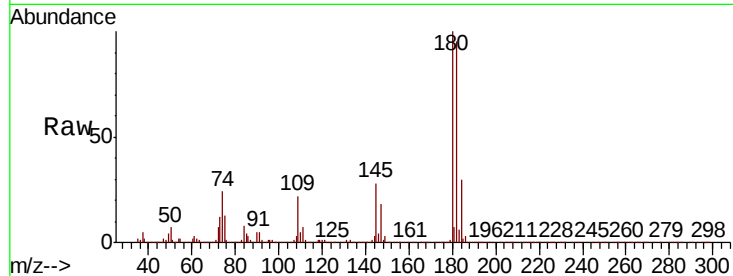




#93
 1,2,4-Trichlorobenzene
 Concen: 48.904 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

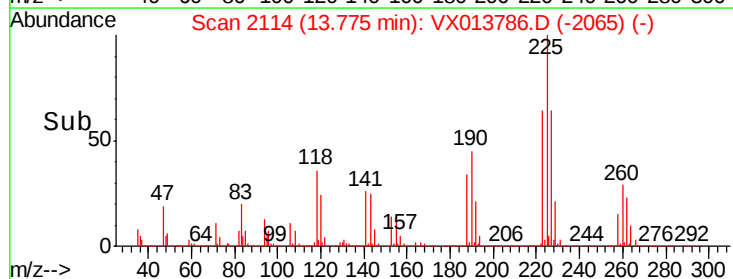
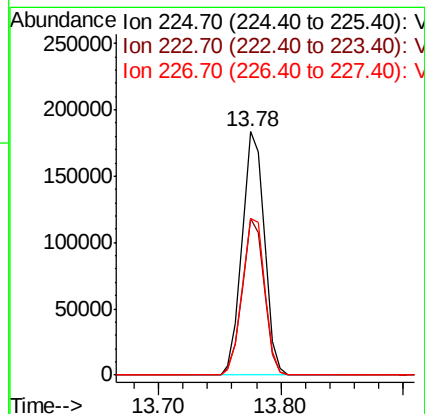
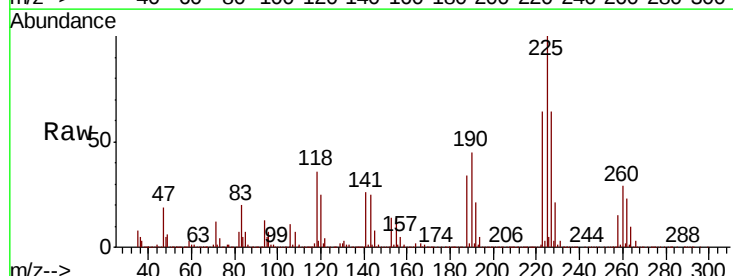
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

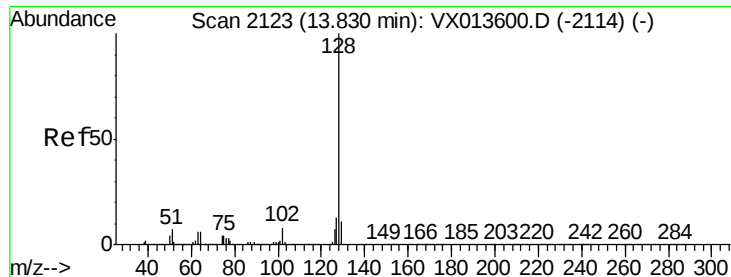
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.2	141.6
145	28.3	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 47.551 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.5
227	65.3	32.1	96.3

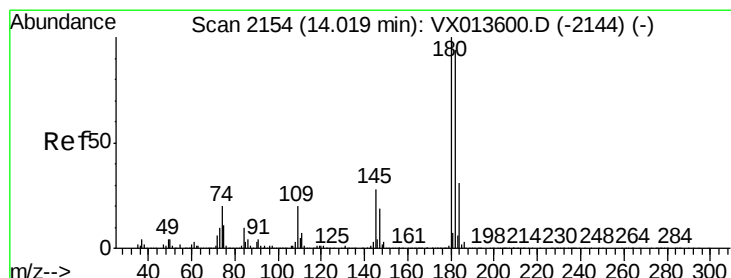
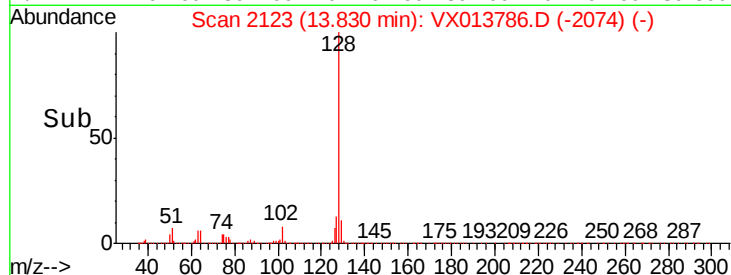
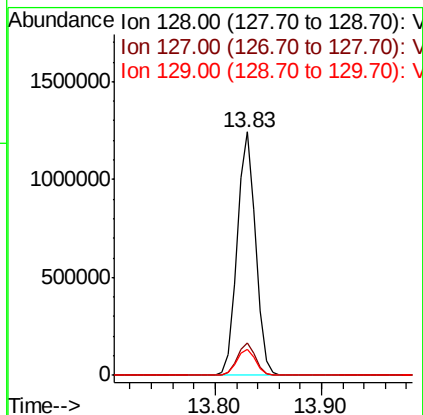
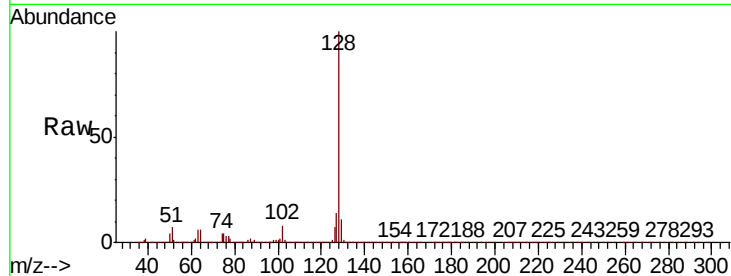




#95
Naphthalene
Concen: 50.146 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1504692
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.495 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion:180 Resp: 493783
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.8
145 29.3 15.0 45.0

