

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013692.D
 Acq On : 29 Nov 2019 10:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 29 22:25:31 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	737818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1093305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	990022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	506673	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	391381	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
35) Dibromofluoromethane	5.48	113	324885	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	1266299	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	457735	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	403774	49.167	ug/l	98
3) Chloromethane	1.32	50	422906	45.894	ug/l	100
4) Vinyl Chloride	1.40	62	505785	48.767	ug/l	100
5) Bromomethane	1.63	94	289755	41.600	ug/l	99
6) Chloroethane	1.71	64	269854	45.723	ug/l	98
7) Trichlorofluoromethane	1.92	101	541310	47.003	ug/l	99
8) Diethyl Ether	2.18	74	244700	46.965	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	332665	47.291	ug/l	98
10) Methyl Iodide	2.50	142	381138	44.791	ug/l	99
11) Tert butyl alcohol	3.03	59	412971	195.353	ug/l	97
12) 1,1-Dichloroethene	2.36	96	328373	46.766	ug/l	98
13) Acrolein	2.28	56	305470	216.883	ug/l	100
14) Allyl chloride	2.72	41	594456	46.652	ug/l	98
15) Acrylonitrile	3.13	53	950007	217.711	ug/l	99
16) Acetone	2.44	43	1038158	245.523	ug/l	100
17) Carbon Disulfide	2.56	76	914678	45.696	ug/l	99
18) Methyl Acetate	2.76	43	541616	46.000	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1096188	47.126	ug/l	100
20) Methylene Chloride	2.85	84	368203	45.326	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	358052	46.809	ug/l	100
22) Diisopropyl ether	3.84	45	1168667	47.631	ug/l	100
23) Vinyl Acetate	3.80	43	4835372	236.896	ug/l	99
24) 1,1-Dichloroethane	3.69	63	637235	47.509	ug/l	99
25) 2-Butanone	4.65	43	1455150	231.559	ug/l	100
26) 2,2-Dichloropropane	4.57	77	529076	47.675	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	407761	46.419	ug/l	99
28) Bromochloromethane	5.00	49	278249	52.495	ug/l	99
29) Tetrahydrofuran	5.11	42	860518	222.128	ug/l	100
30) Chloroform	5.20	83	648319	47.660	ug/l	97
31) Cyclohexane	5.57	56	590150	46.648	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	535497	47.108	ug/l	99
36) 1,1-Dichloropropene	5.79	75	483380	48.706	ug/l	99
37) Ethyl Acetate	4.81	43	525566	47.205	ug/l	100
38) Carbon Tetrachloride	5.77	117	459525	50.215	ug/l	99

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Quant Time: Nov 29 22:25:31 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	609011	49.644	ug/l	99
40) Benzene	6.13	78	1449858	47.966	ug/l	99
41) Methacrylonitrile	5.03	41	301260	49.339	ug/l	98
42) 1,2-Dichloroethane	6.18	62	499923	48.496	ug/l	100
43) Isopropyl Acetate	6.43	43	867398	47.322	ug/l	100
44) Trichloroethene	7.20	130	400033	48.222	ug/l	95
45) 1,2-Dichloropropane	7.50	63	374993	49.585	ug/l	96
46) Dibromomethane	7.65	93	240860	46.893	ug/l	99
47) Bromodichloromethane	7.89	83	497290	51.214	ug/l	99
48) Methyl methacrylate	7.76	41	434299	48.765	ug/l	98
49) 1,4-Dioxane	7.73	88	180228	904.081	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2687242	233.070	ug/l	100
52) Toluene	8.78	92	923054	49.156	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	563752	51.007	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	615285	50.955	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	369429	48.820	ug/l	99
56) Ethyl methacrylate	9.17	69	605719	49.787	ug/l	99
57) 1,3-Dichloropropane	9.36	76	625279	47.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1136573	238.274	ug/l	100
59) 2-Hexanone	9.48	43	2144288	238.456	ug/l	99
60) Dibromochloromethane	9.57	129	402241	51.220	ug/l	99
61) 1,2-Dibromoethane	9.67	107	389614	48.207	ug/l	99
64) Tetrachloroethene	9.33	164	352264	47.713	ug/l	98
65) Chlorobenzene	10.14	112	995707	48.441	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	369714	50.089	ug/l	100
67) Ethyl Benzene	10.25	91	1762235	49.892	ug/l	98
68) m/p-Xylenes	10.35	106	1345483	99.496	ug/l	100
69) o-Xylene	10.70	106	653422	49.543	ug/l	100
70) Styrene	10.71	104	1127337	50.813	ug/l	100
71) Bromoform	10.85	173	307805	50.400	ug/l #	99
73) Isopropylbenzene	11.01	105	1729680	48.667	ug/l	100
74) N-amyl acetate	10.89	43	792729	48.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	576592	46.780	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	666230	58.462	ug/l	88
77) Bromobenzene	11.25	156	450290	46.898	ug/l	98
78) n-propylbenzene	11.35	91	1988939	50.131	ug/l	100
79) 2-Chlorotoluene	11.42	91	1153145	48.452	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1466412	50.342	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	200924	48.236	ug/l	99
82) 4-Chlorotoluene	11.51	91	1348093	48.905	ug/l	100
83) tert-Butylbenzene	11.76	119	1470743	49.681	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1468623	49.677	ug/l	100
85) sec-Butylbenzene	11.94	105	1704753	50.416	ug/l	100
86) p-Isopropyltoluene	12.06	119	1583086	50.325	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	811265	48.471	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	804640	47.199	ug/l	99
89) n-Butylbenzene	12.39	91	1408686	52.505	ug/l	99
90) Hexachloroethane	12.59	117	284470	50.030	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	811938	49.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	123431	45.987	ug/l	96

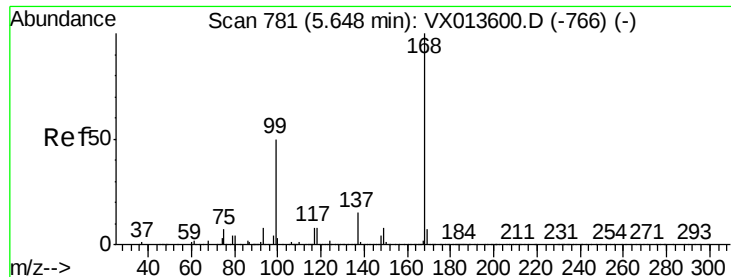
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	579064	50.244	ug/l	100
94) Hexachlorobutadiene	13.78	225	273319	49.368	ug/l	98
95) Naphthalene	13.83	128	1710181	49.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	563492	49.381	ug/l	100

(#) = 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: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

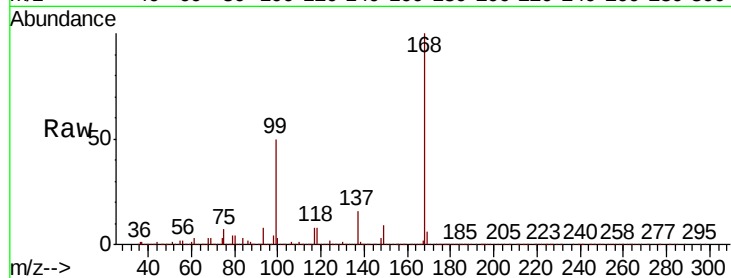
VSTDCCC050

Tot Ion:168 Resp: 737818

Ion Ratio Lower Upper

168 100

99 49.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

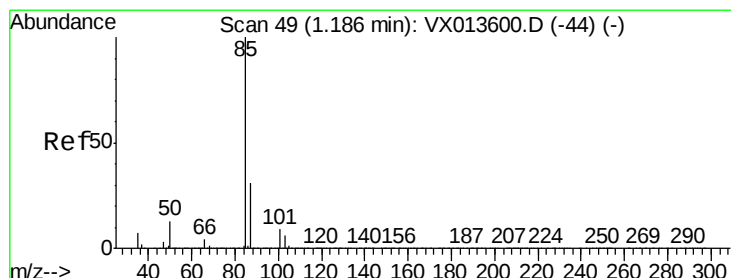
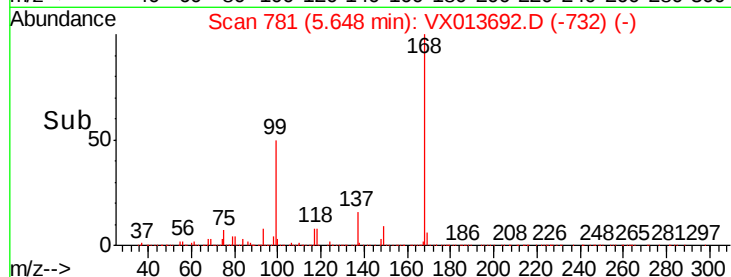
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.167 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013692.D

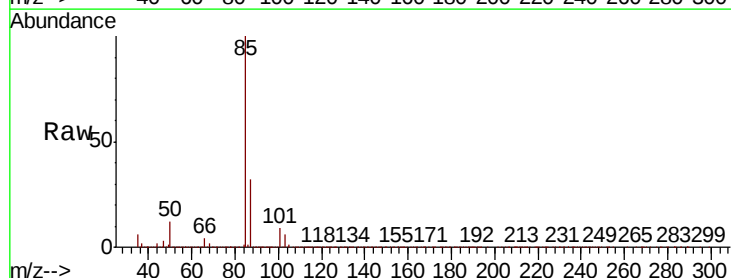
Acq: 29 Nov 2019 10:47

Tgt Ion: 85 Resp: 403774

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

400000

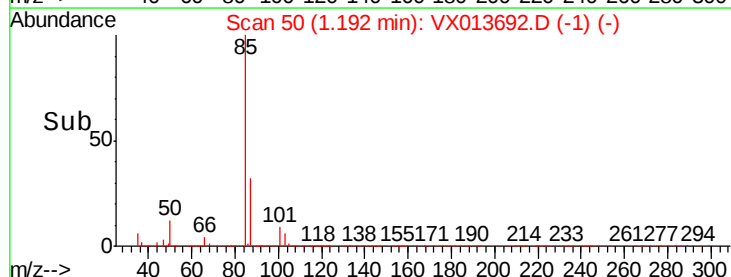
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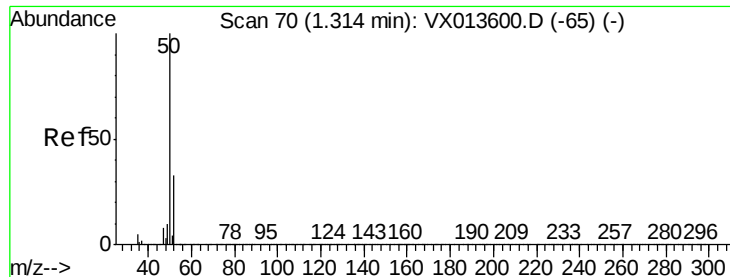
200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.894 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

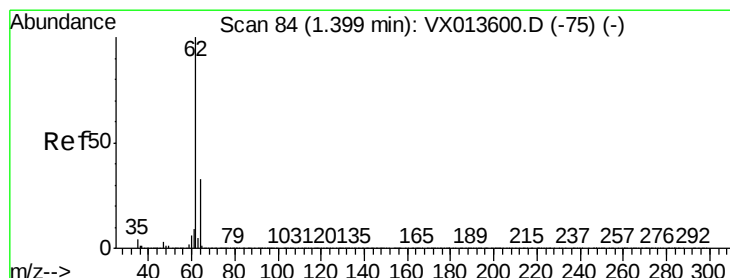
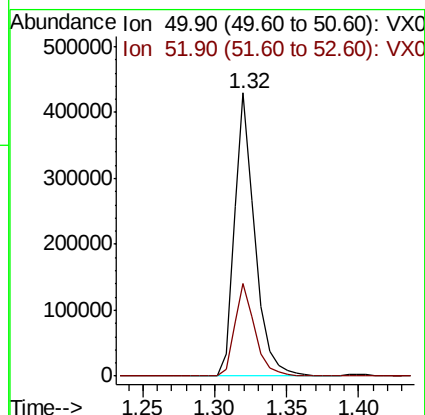
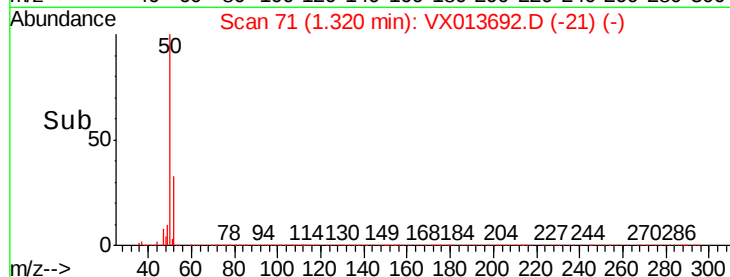
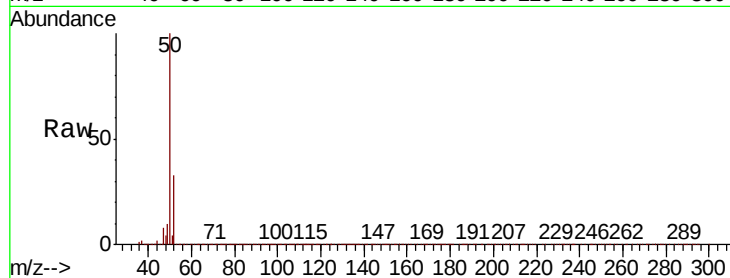
VSTDCCC050

Tot Ion: 50 Resp: 422906

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 48.767 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013692.D

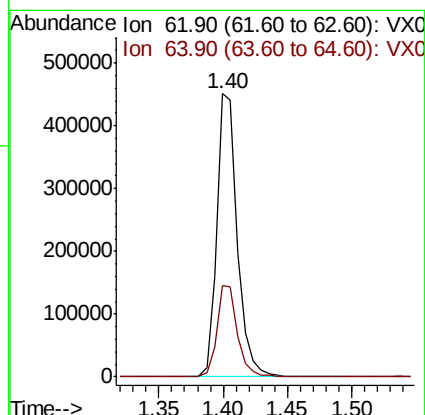
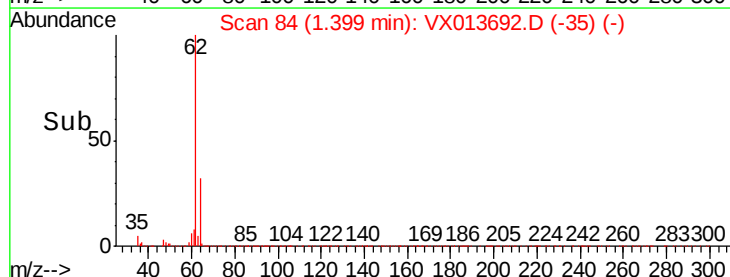
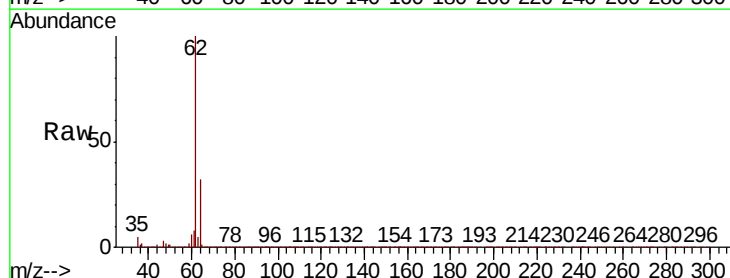
Acq: 29 Nov 2019 10:47

Tgt Ion: 62 Resp: 505785

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 41.600 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

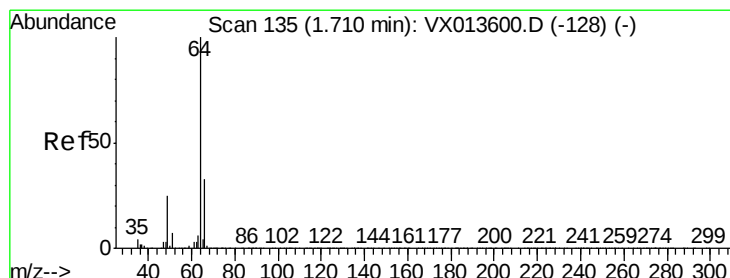
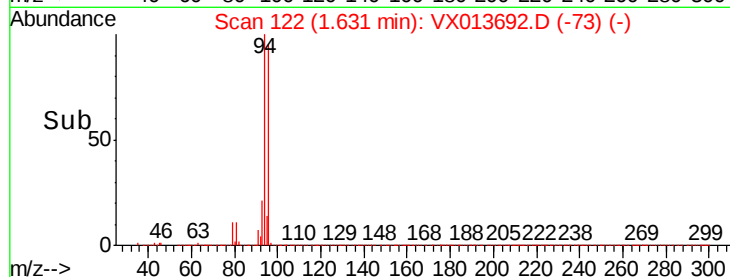
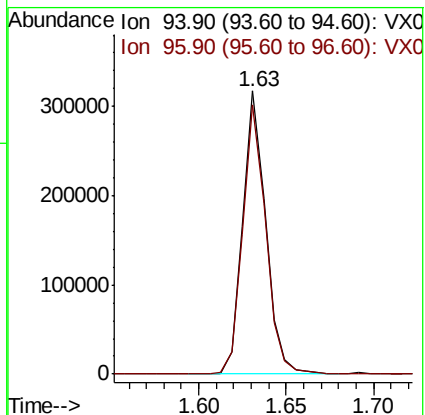
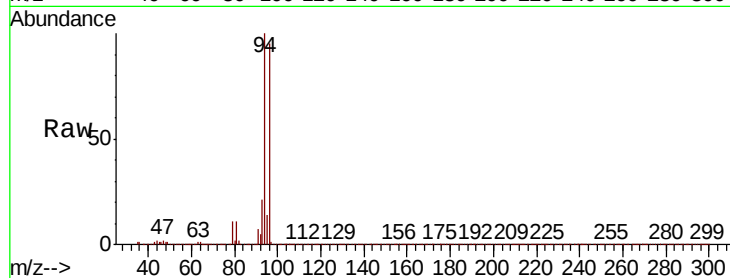
VSTDCCC050

Tot Ion: 94 Resp: 289755

Ion Ratio Lower Upper

94 100

96 95.0 77.0 115.4



#6

Chloroethane

Concen: 45.723 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013692.D

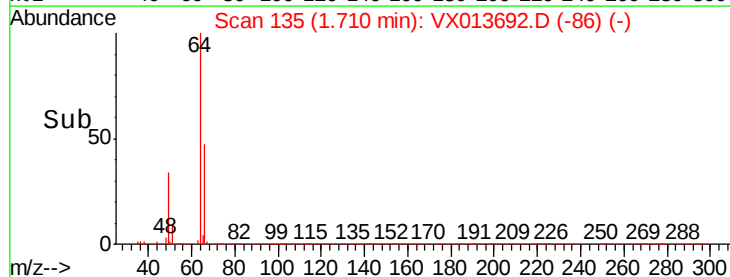
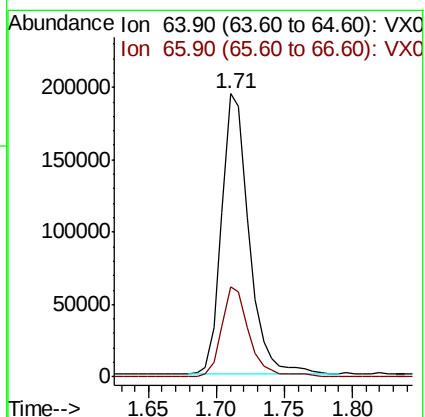
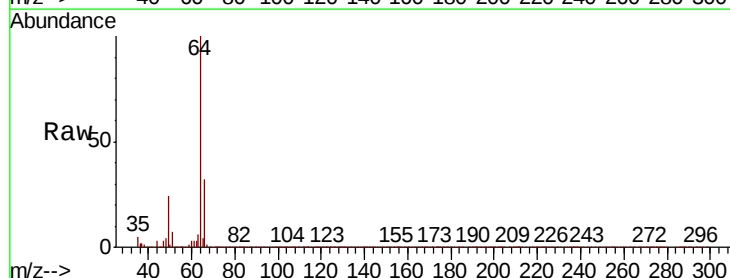
Acq: 29 Nov 2019 10:47

Tgt Ion: 64 Resp: 269854

Ion Ratio Lower Upper

64 100

66 32.1 26.7 40.1



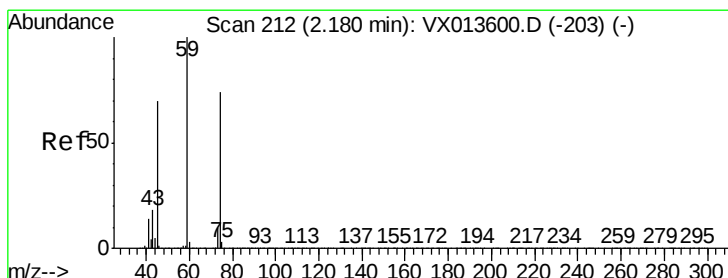
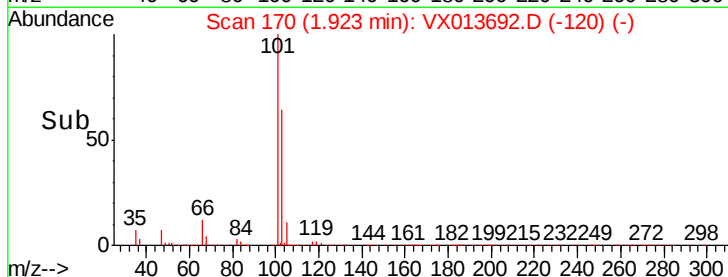
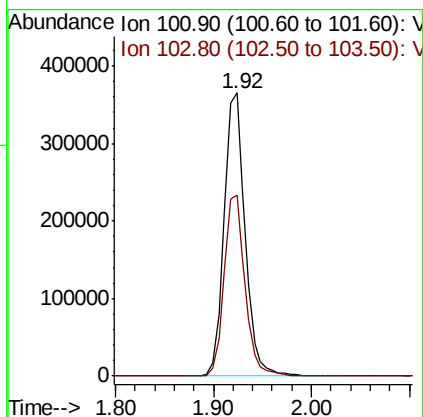
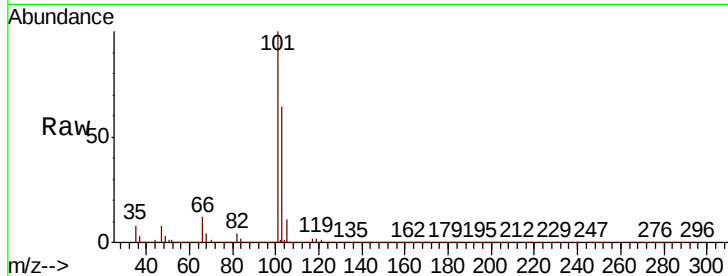


#7

Trichlorofluoromethane
Concen: 47.003 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

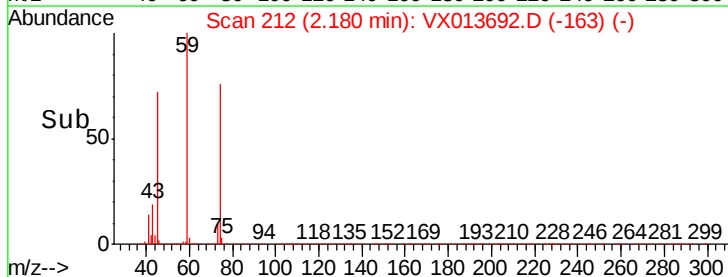
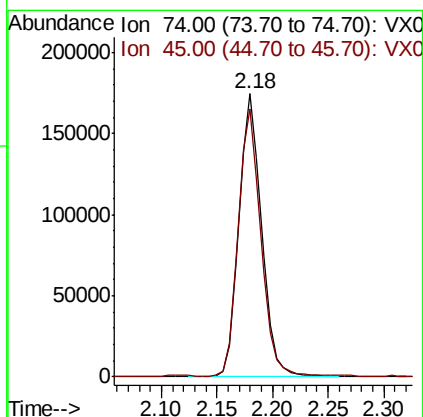
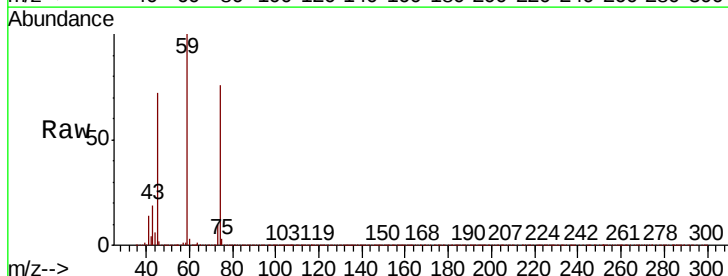
Tot Ion:101 Resp: 541310
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6

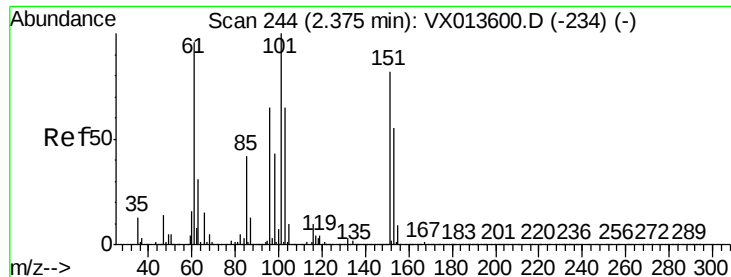


#8

Diethyl Ether
Concen: 46.965 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 74 Resp: 244700
Ion Ratio Lower Upper
74 100
45 95.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.291 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

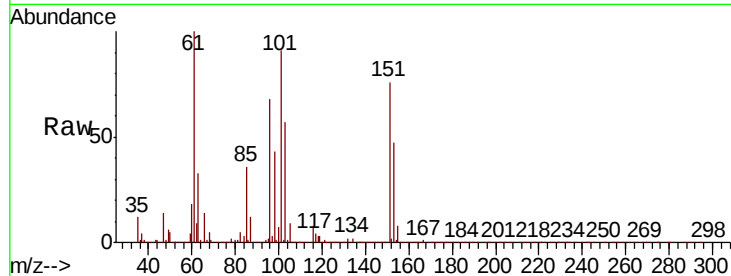
Tot Ion:101 Resp: 332665

Ion Ratio Lower Upper

101 100

85 42.5 33.9 50.9

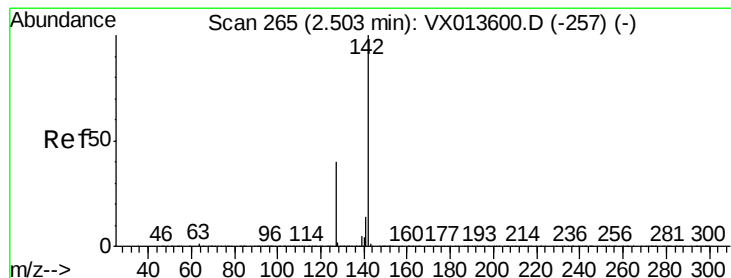
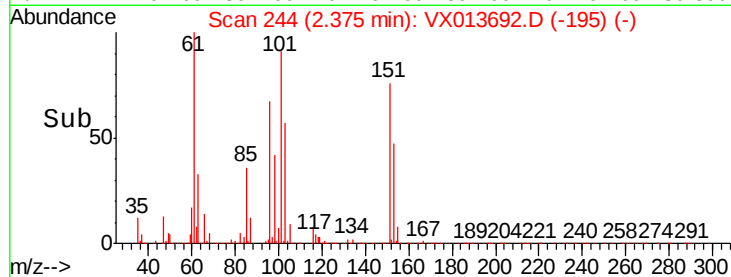
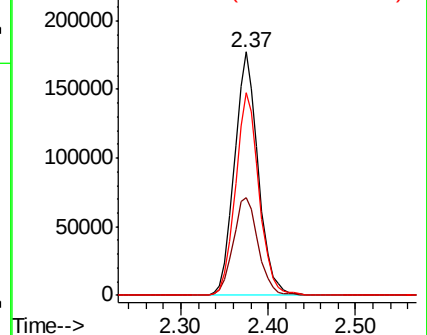
151 83.0 64.2 96.2



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: 44.791 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

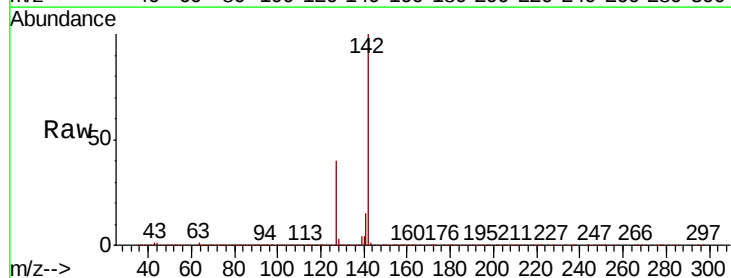
Tgt Ion:142 Resp: 381138

Ion Ratio Lower Upper

142 100

127 39.2 31.0 46.4

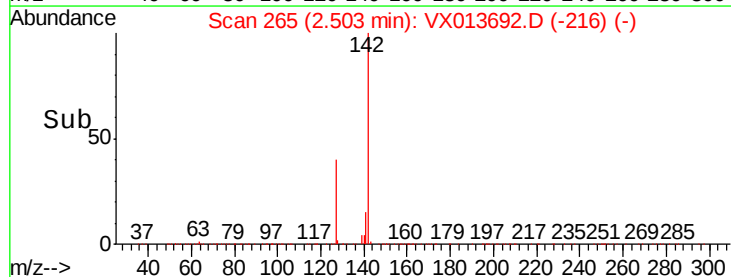
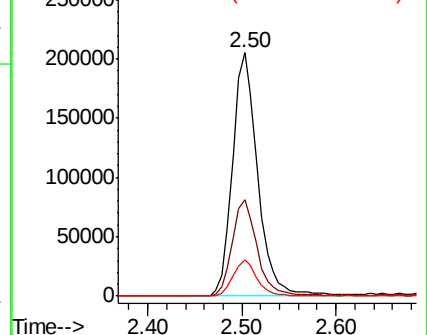
141 14.1 11.6 17.4

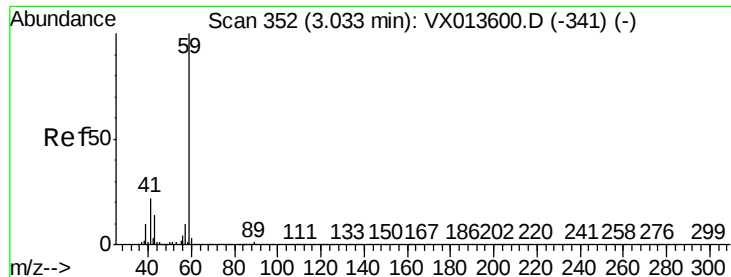


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



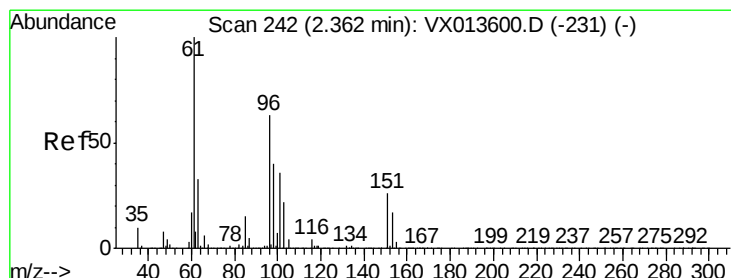
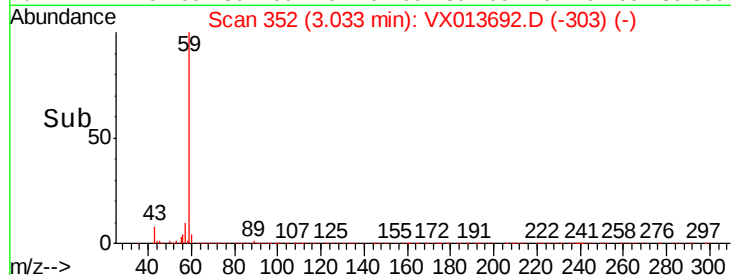
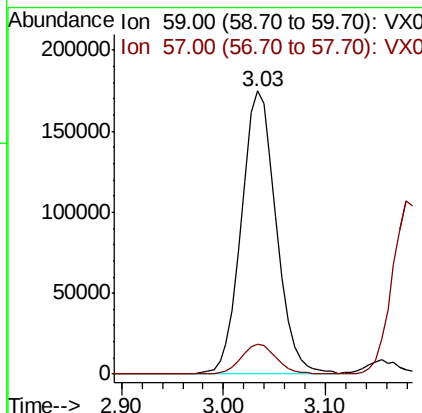
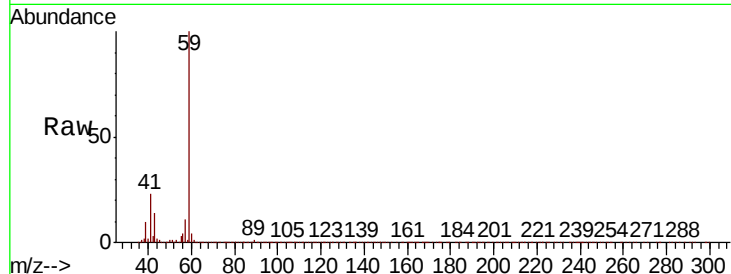


#11

Tert butyl alcohol
 Concen: 195.353 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

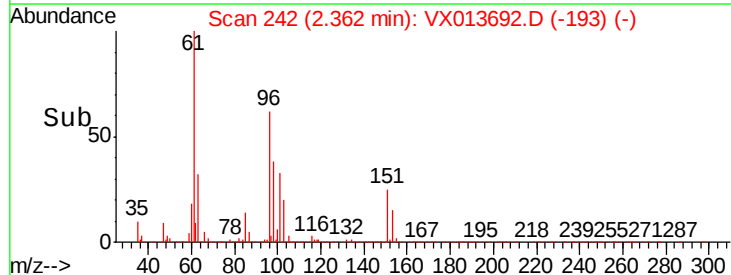
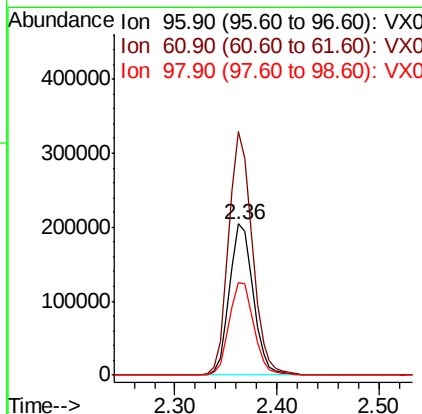
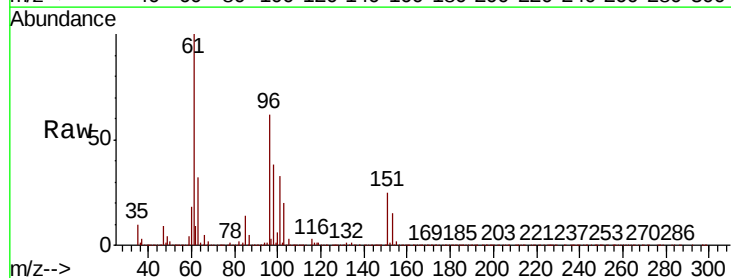
Tot Ion: 59 Resp: 412971
 Ion Ratio Lower Upper
 59 100
 57 10.9 7.8 11.6

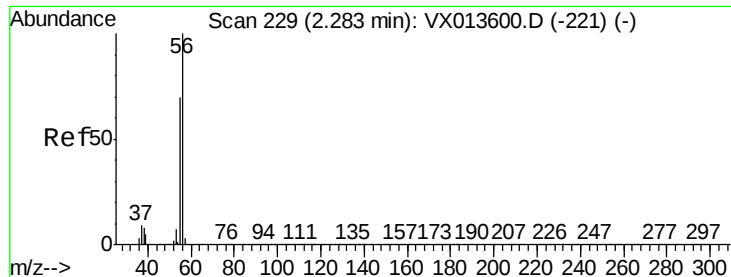


#12

1,1-Dichloroethene
 Concen: 46.766 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion: 96 Resp: 328373
 Ion Ratio Lower Upper
 96 100
 61 161.0 126.6 190.0
 98 61.5 50.6 76.0





#13

Acrolein

Concen: 216.883 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

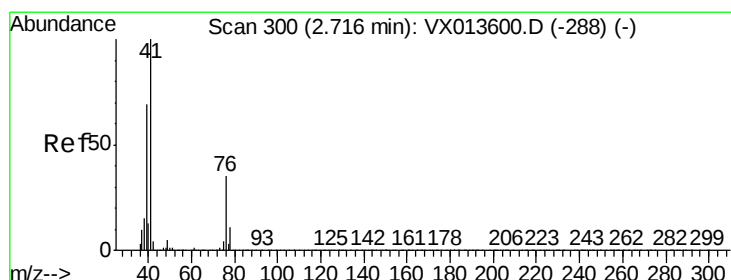
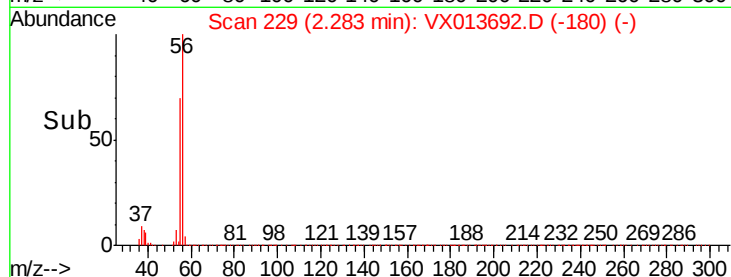
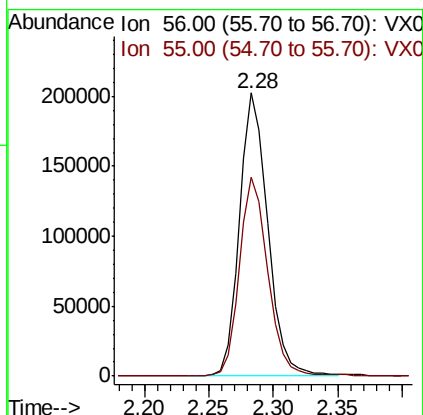
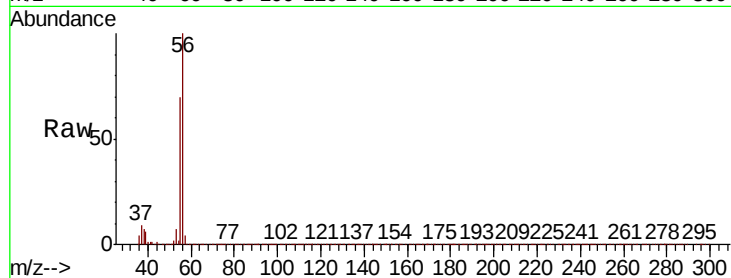
VSTDCCC050

Tot Ion: 56 Resp: 305470

Ion Ratio Lower Upper

56 100

55 70.5 56.2 84.4



#14

Allyl chloride

Concen: 46.652 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

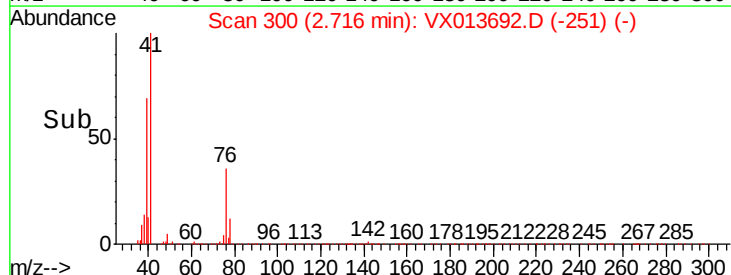
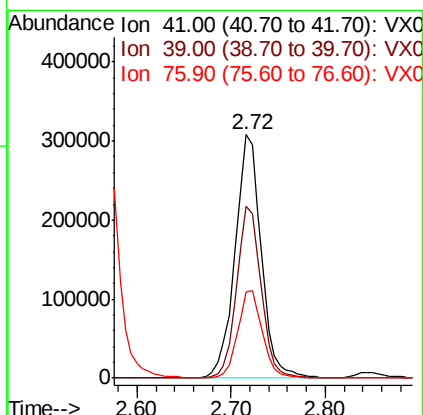
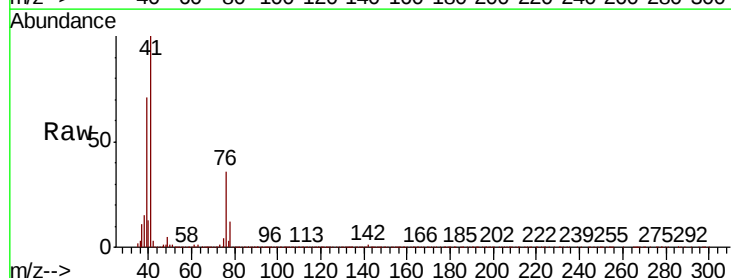
Tgt Ion: 41 Resp: 594456

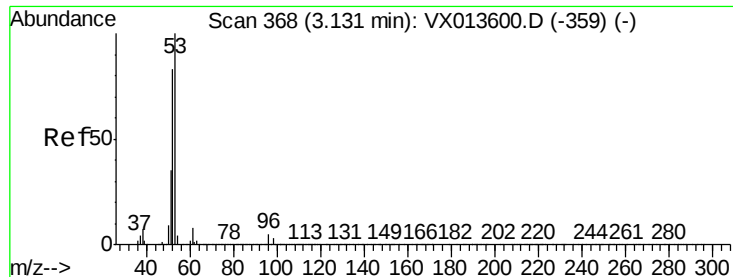
Ion Ratio Lower Upper

41 100

39 66.3 51.7 77.5

76 33.4 25.9 38.9

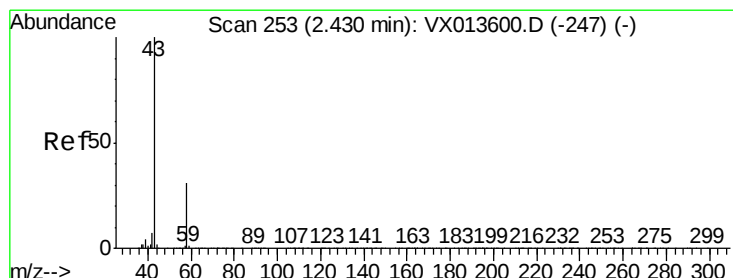
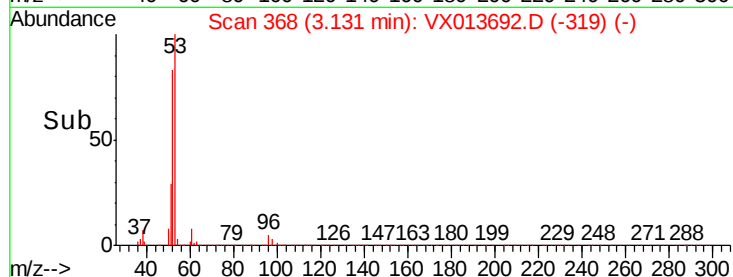
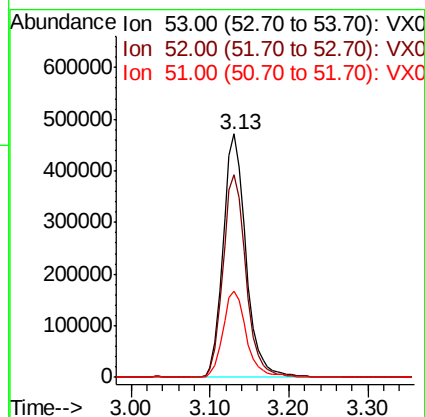
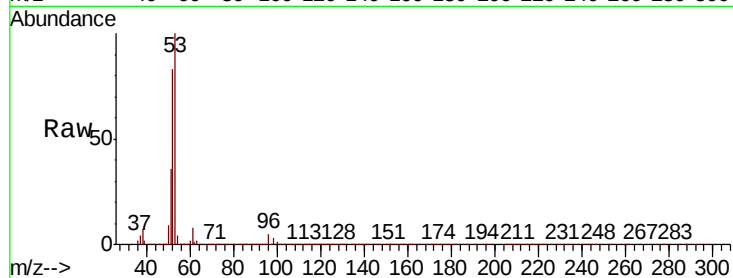




#15
 Acrylonitrile
 Concen: 217.711 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

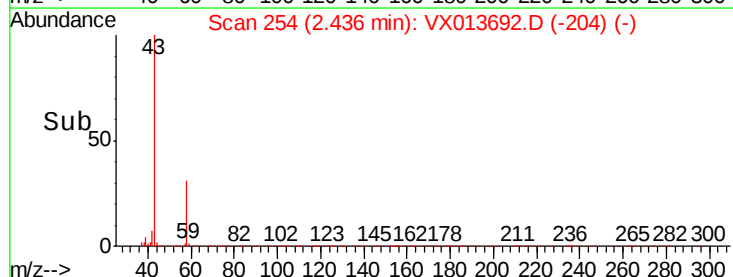
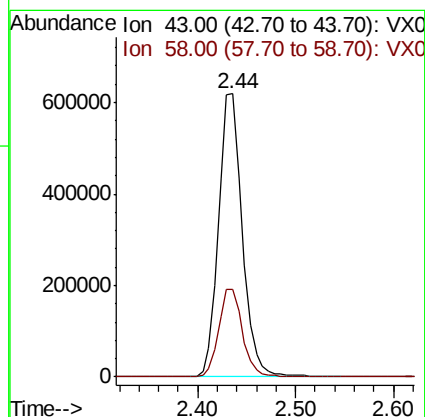
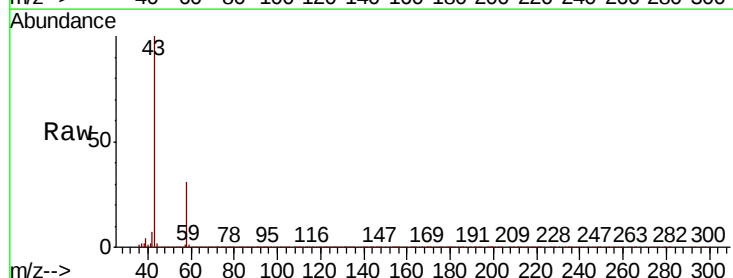
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

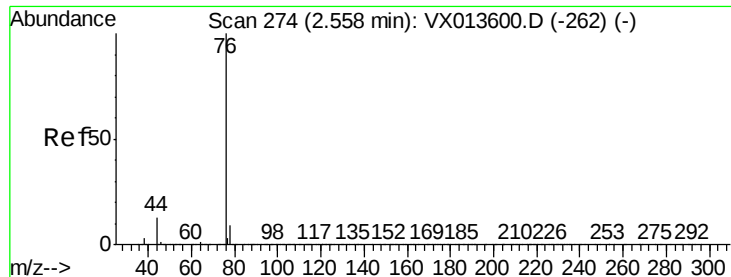
Tot Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.2	99.2
51	36.4	29.0	43.6



#16
 Acetone
 Concen: 245.523 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.6	36.8

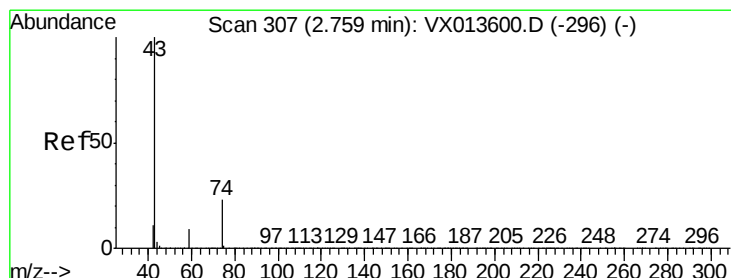
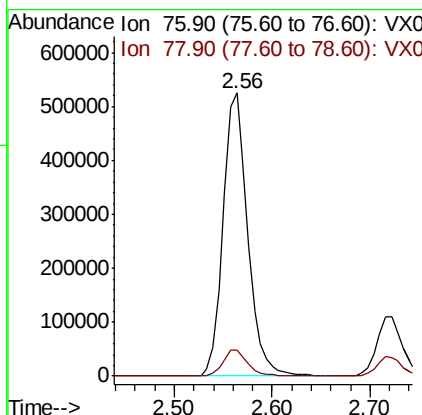
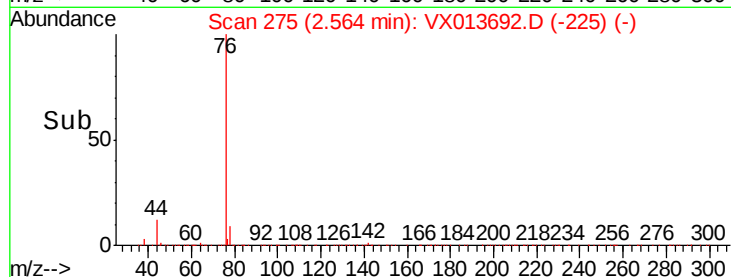
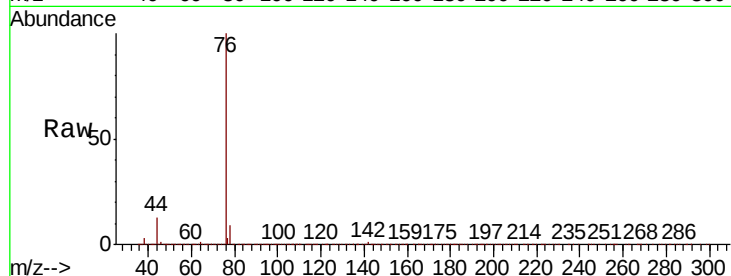




#17
Carbon Disulfide
Concen: 45.696 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

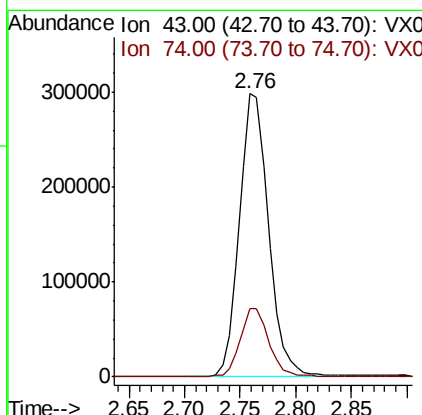
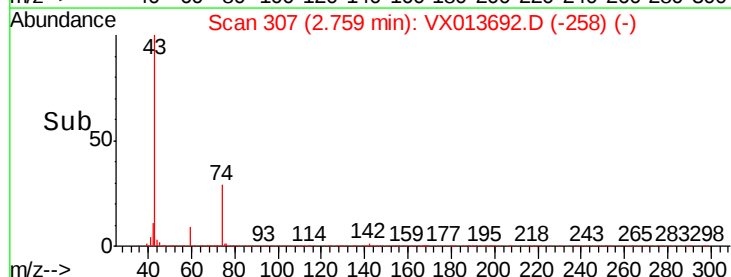
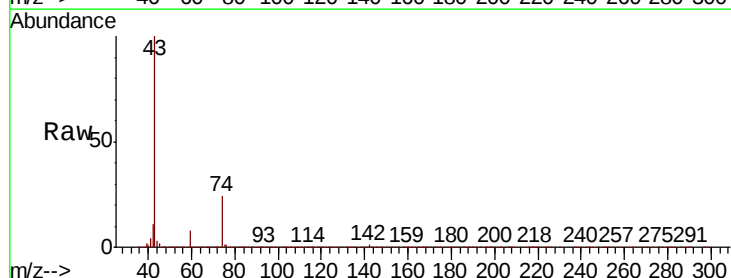
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 914678
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 46.000 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 43 Resp: 541616
Ion Ratio Lower Upper
43 100
74 24.1 19.5 29.3

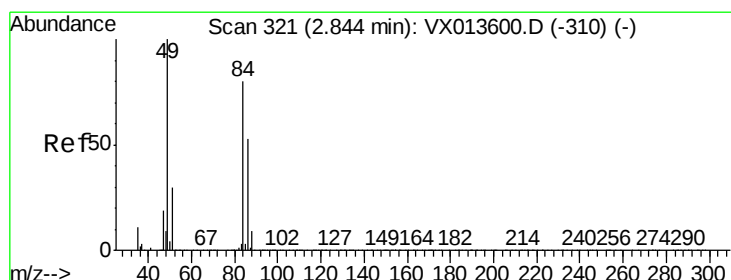
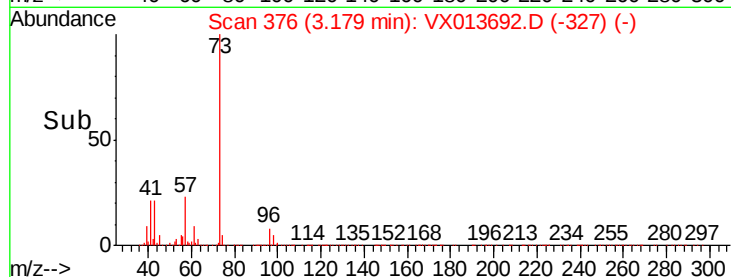
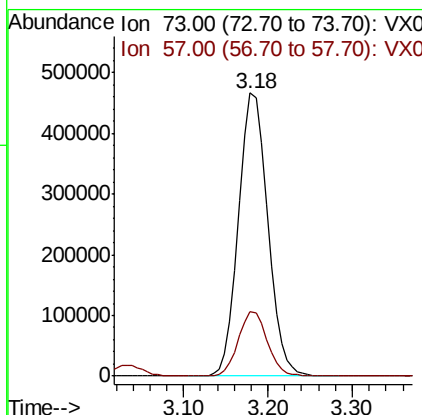
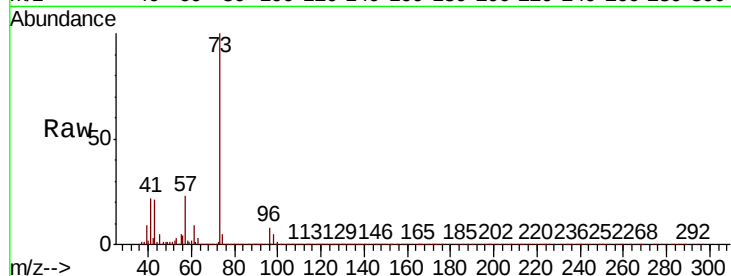




#19
Methvl tert-butvl Ether
Concen: 47.126 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

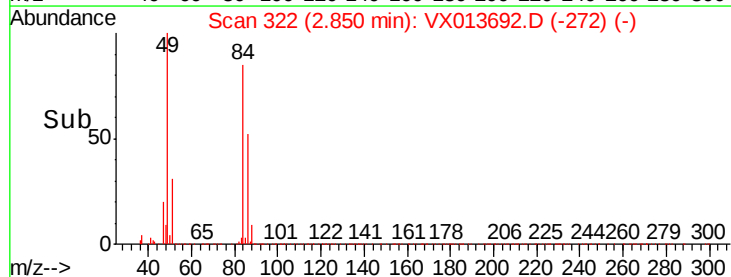
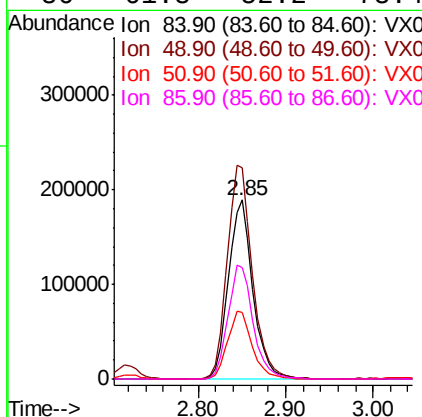
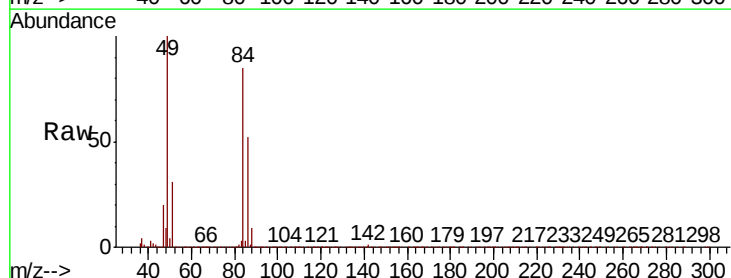
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

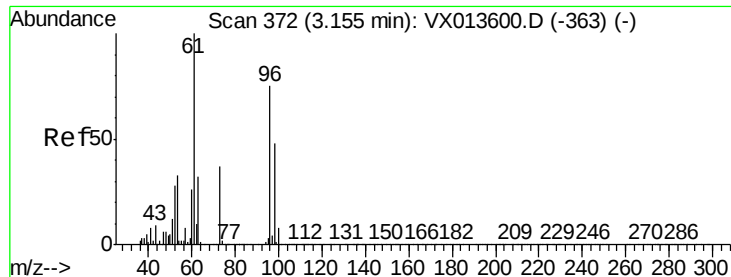
Tot Ion: 73 Resp: 1096188
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 45.326 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 84 Resp: 368203
Ion Ratio Lower Upper
84 100
49 118.1 99.7 149.5
51 37.1 29.9 44.9
86 61.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.809 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

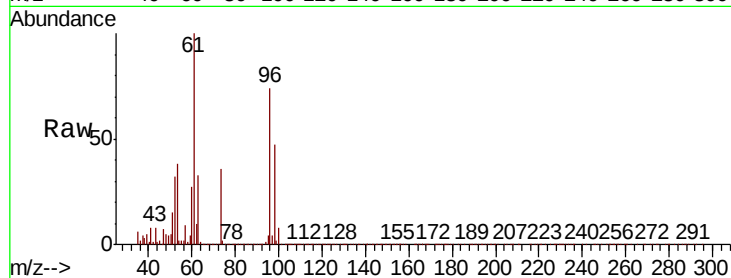
Tot Ion: 96 Resp: 358052

Ion Ratio Lower Upper

96 100

61 134.1 107.2 160.8

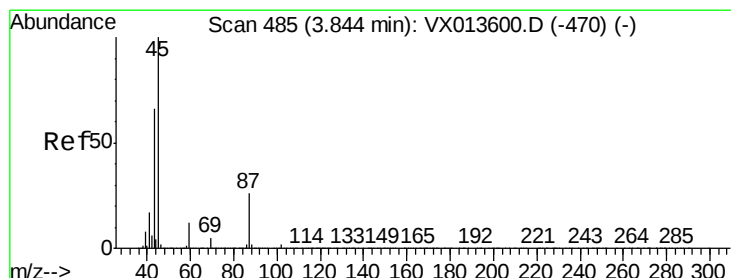
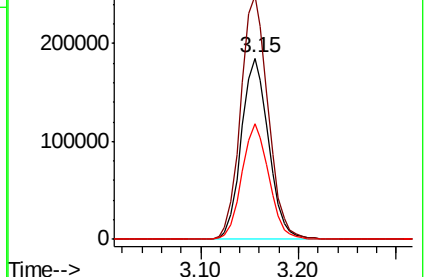
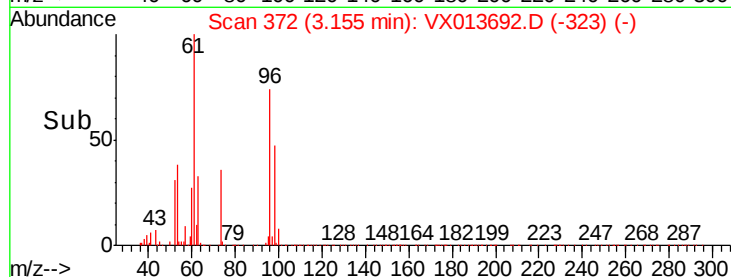
98 63.6 51.4 77.0



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: 47.631 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion: 45 Resp: 1168667

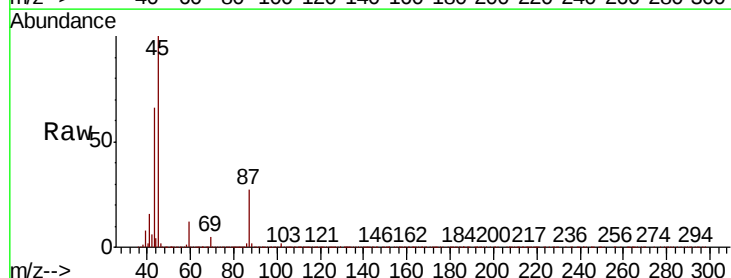
Ion Ratio Lower Upper

45 100

43 65.8 52.6 79.0

87 27.3 21.1 31.7

59 11.5 9.2 13.8

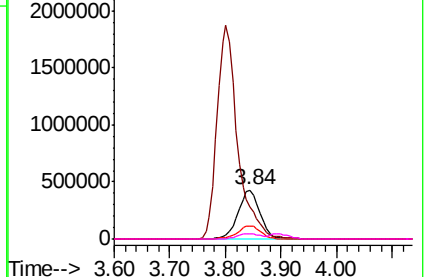
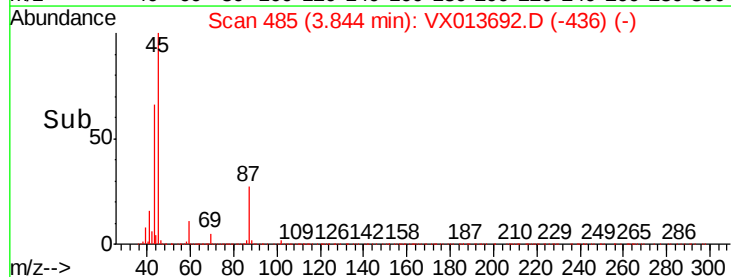


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 236.896 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

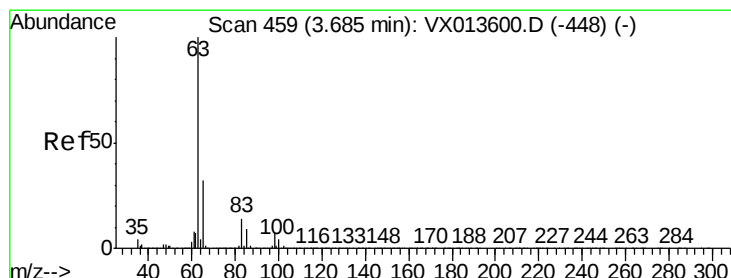
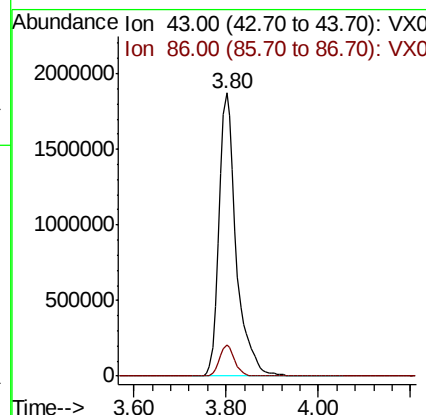
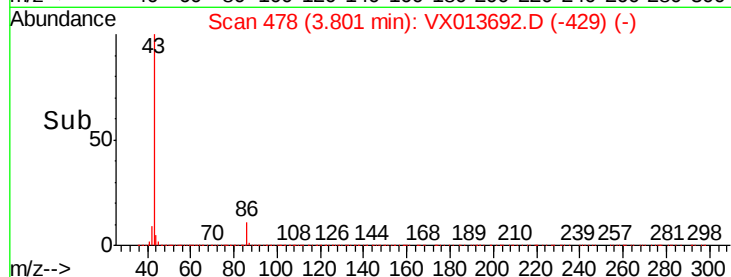
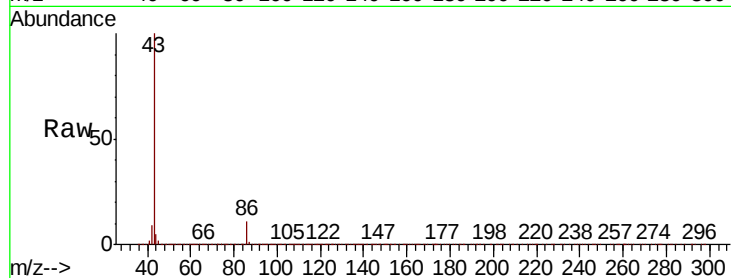
VSTDCCC050

Tot Ion: 43 Resp: 4835372

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



#24

1,1-Dichloroethane

Concen: 47.509 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

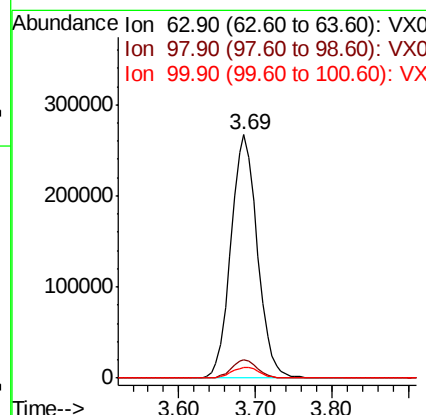
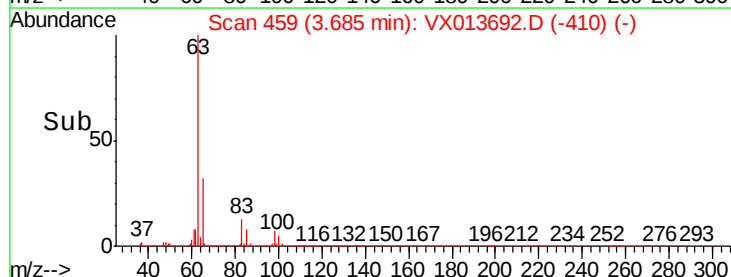
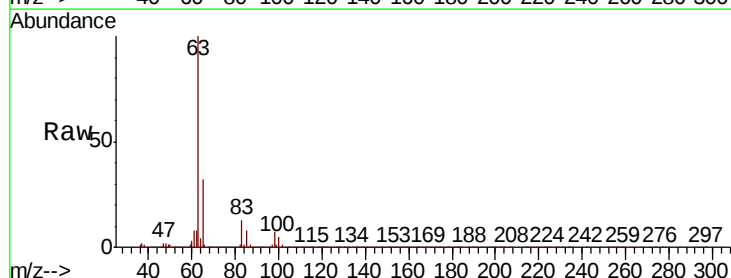
Tgt Ion: 63 Resp: 637235

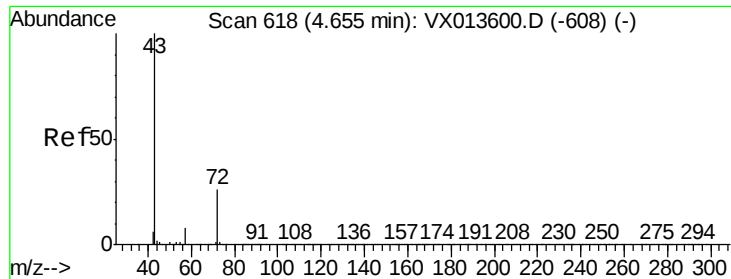
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 231.559 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

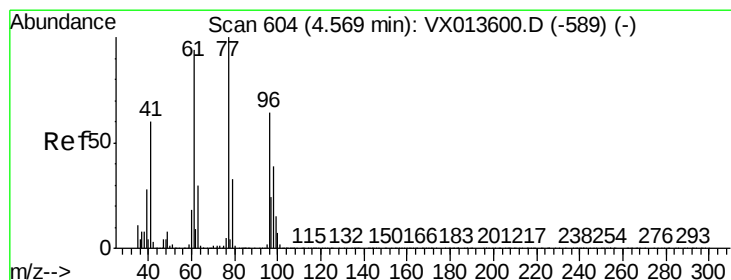
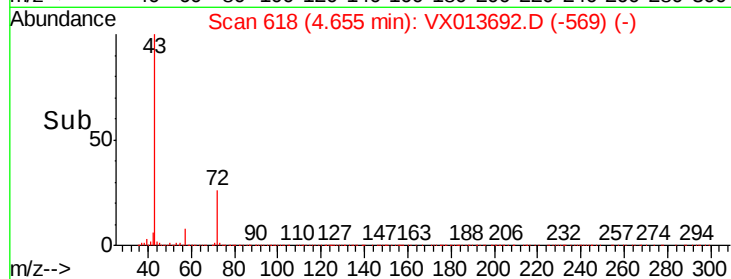
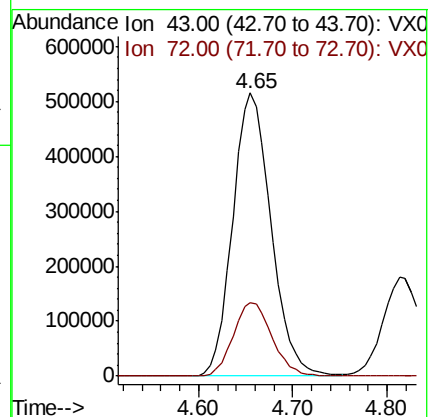
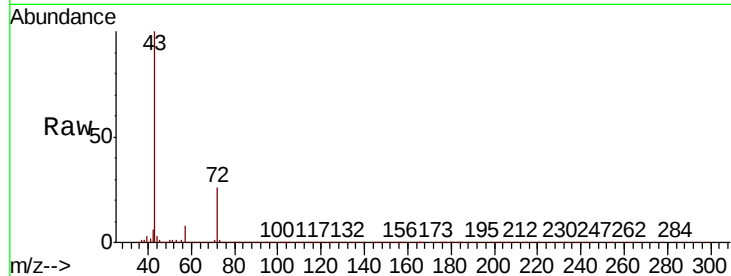
VSTDCCC050

Tot Ion: 43 Resp: 1455150

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 47.675 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013692.D

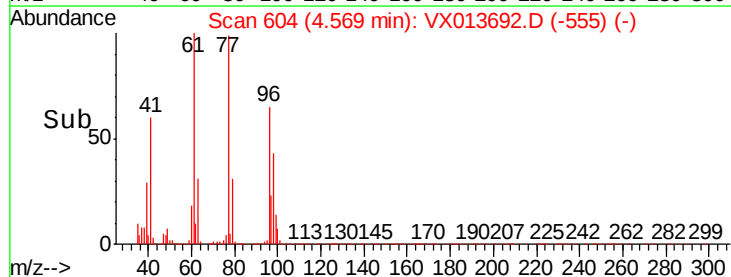
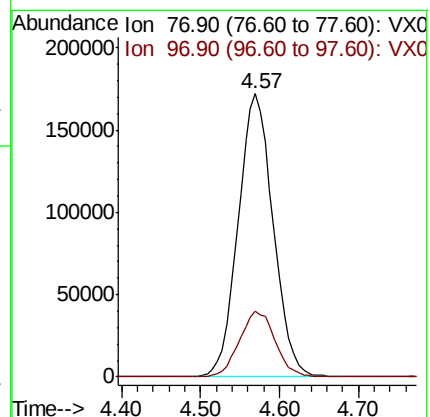
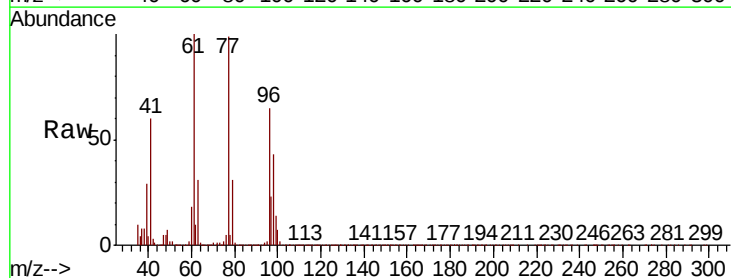
Acq: 29 Nov 2019 10:47

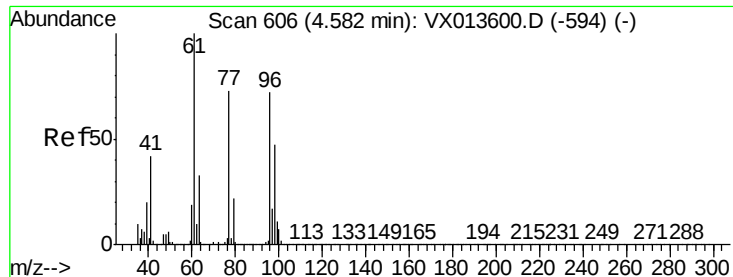
Tgt Ion: 77 Resp: 529076

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1



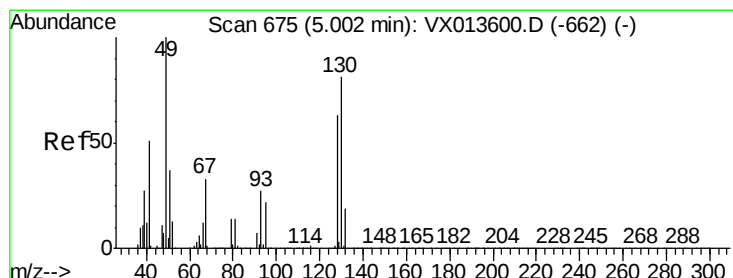
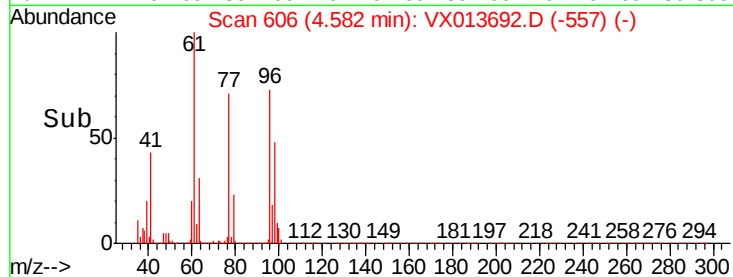
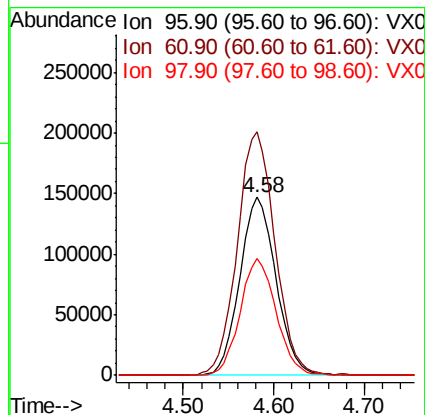
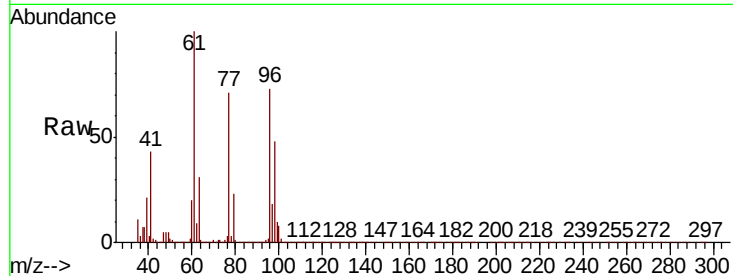


#27

cis-1,2-Dichloroethene
Concen: 46.419 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

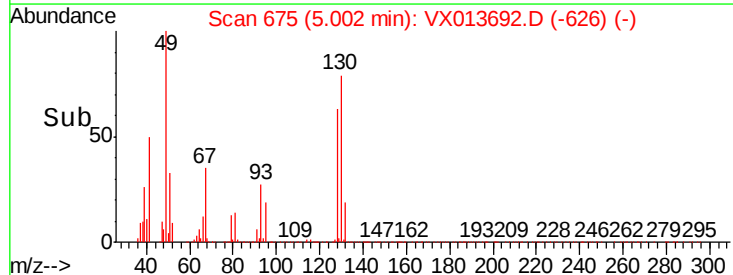
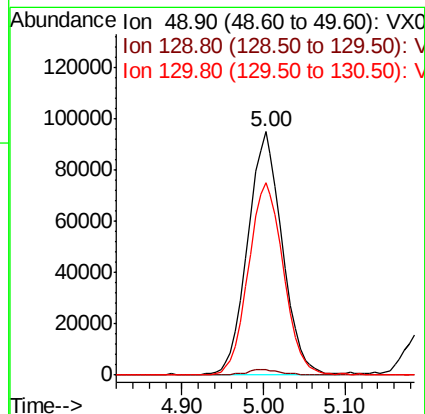
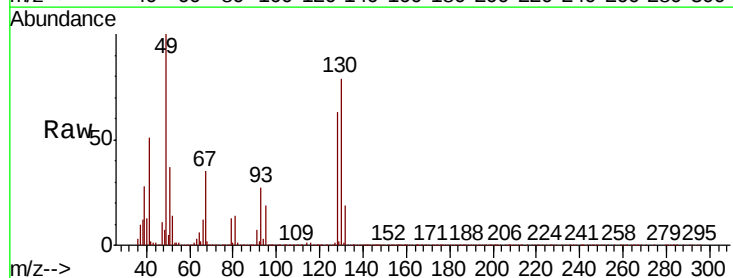
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	286.4
98	65.1	0.0	127.4

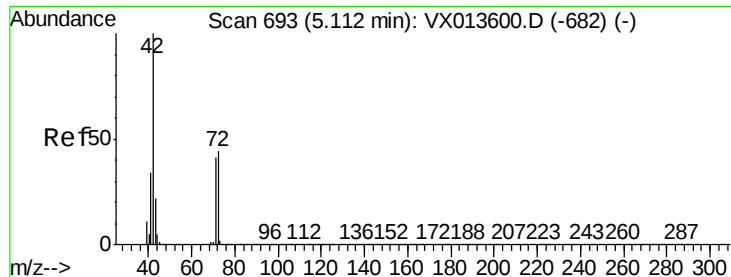


#28

Bromochloromethane
Concen: 52.495 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	80.9	65.4	98.0





#29

Tetrahydrofuran

Concen: 222.128 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

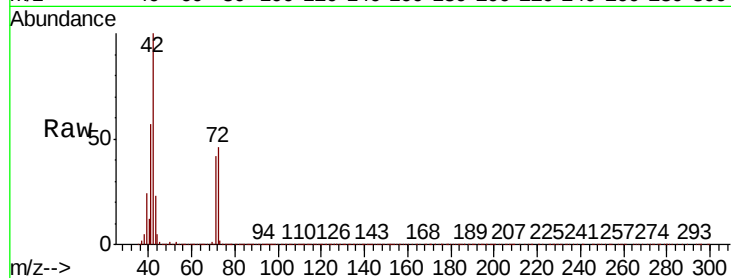
Tot Ion: 42 Resp: 860518

Ion Ratio Lower Upper

42 100

72 45.4 36.3 54.5

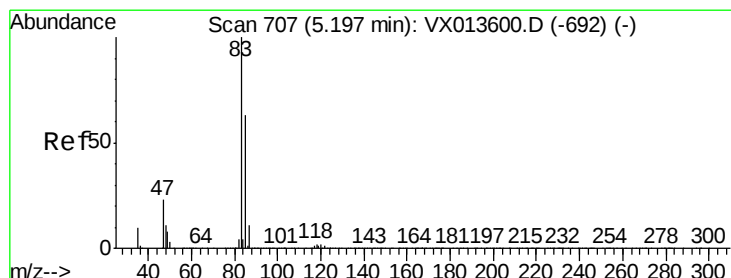
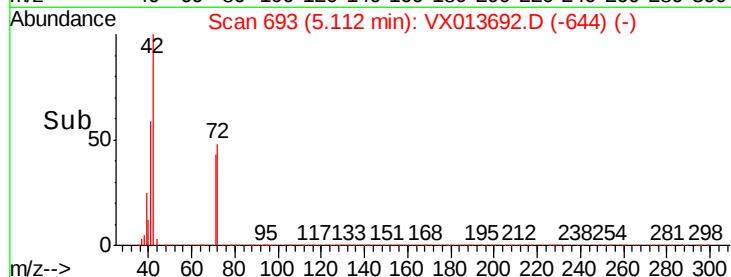
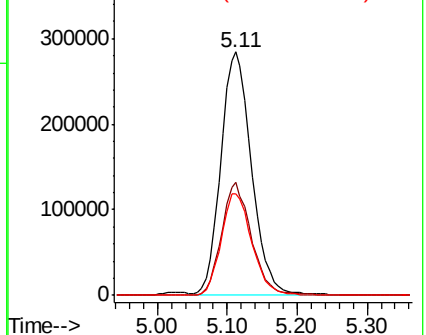
71 41.9 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.660 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013692.D

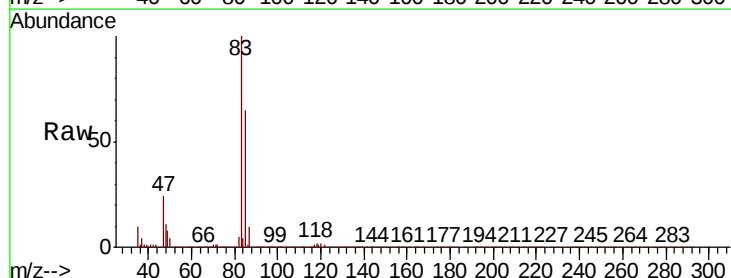
Acq: 29 Nov 2019 10:47

Tgt Ion: 83 Resp: 648319

Ion Ratio Lower Upper

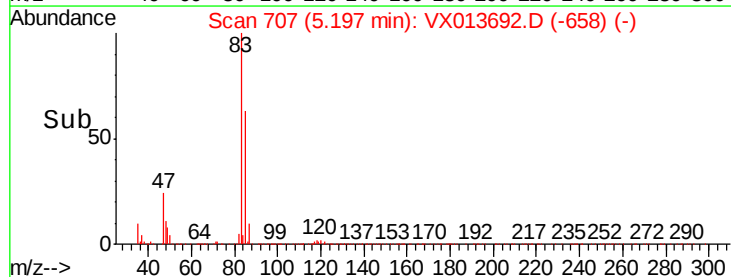
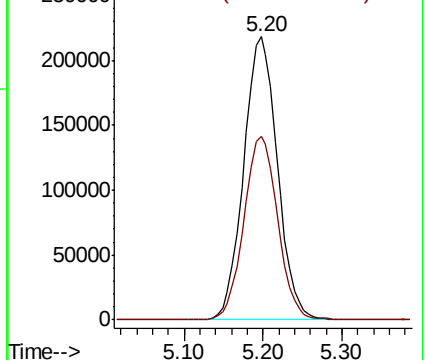
83 100

85 64.8 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

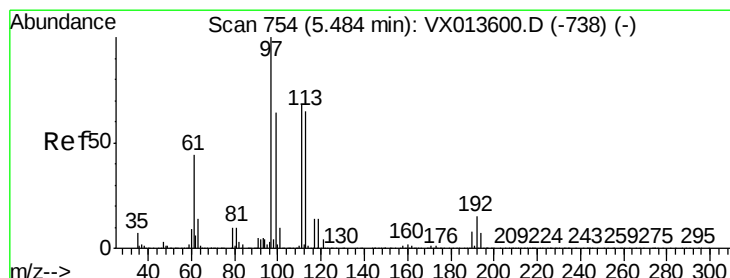
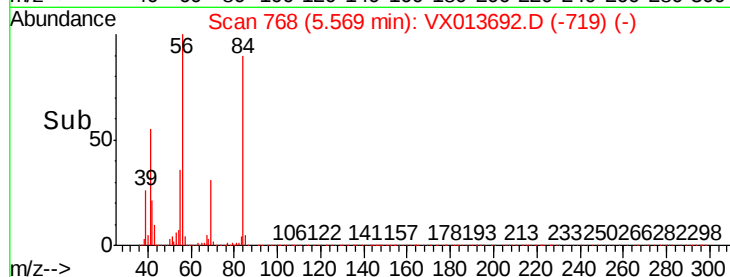
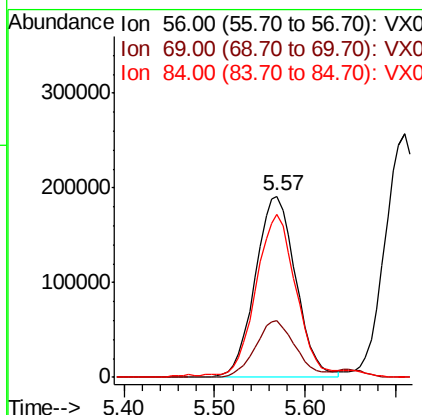
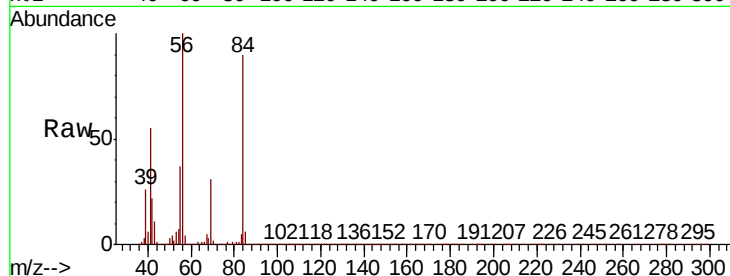




#31
Cyclohexane
Concen: 46.648 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

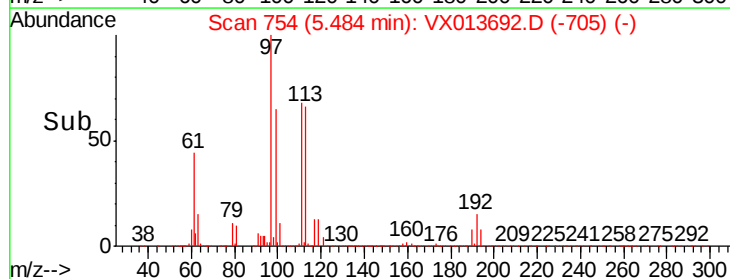
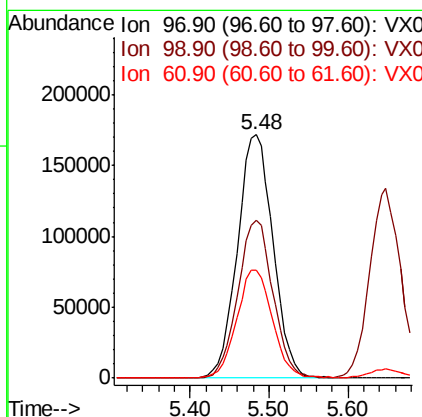
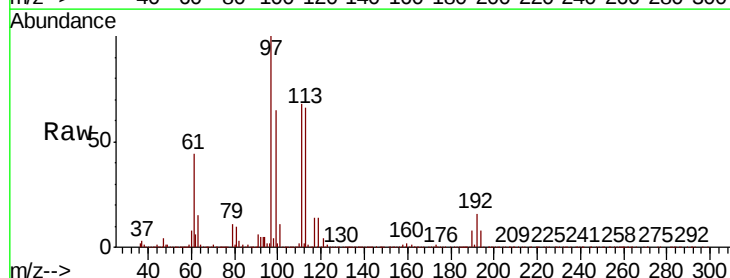
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

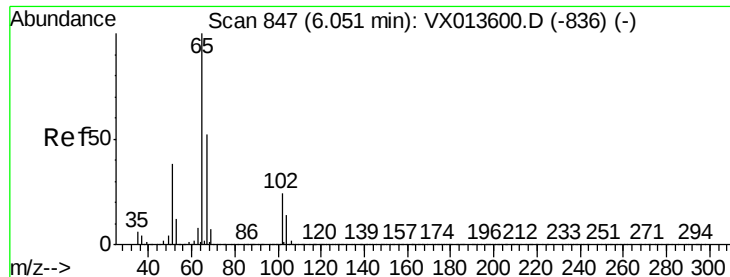
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	36.8
84	88.5	70.0	105.0



#32
1,1,1-Trichloroethane
Concen: 47.108 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	44.6	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 45.699 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

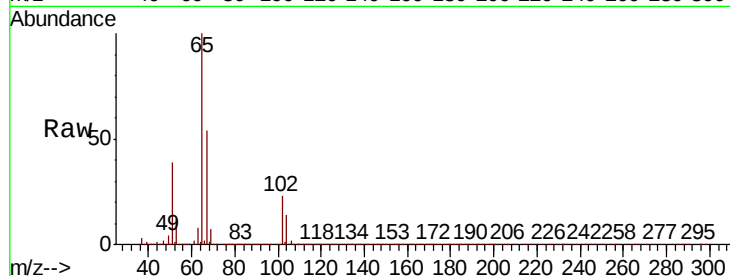
VSTDCCC050

Tot Ion: 65 Resp: 391381

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

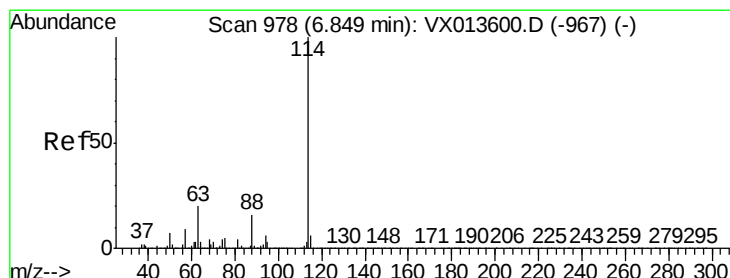
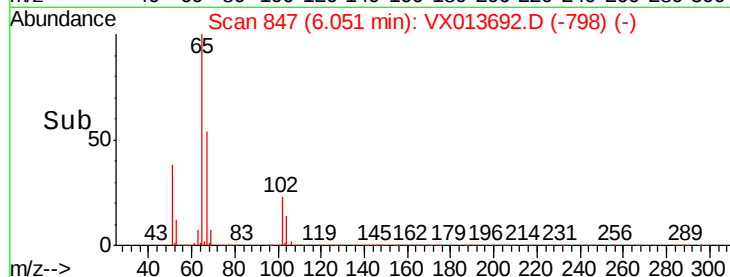
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

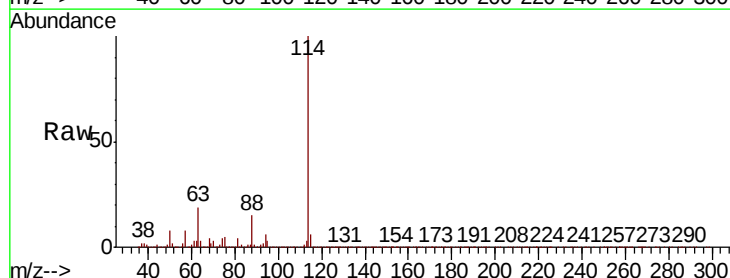
Tgt Ion: 114 Resp: 1093305

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

600000

500000

400000

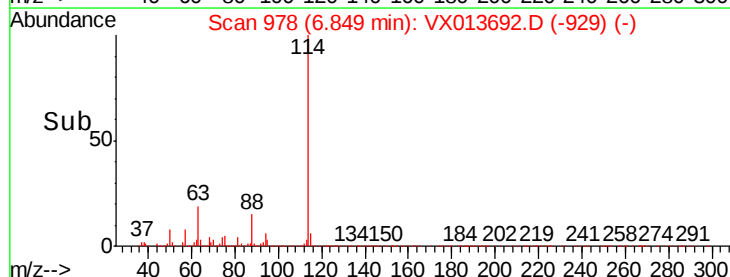
300000

200000

100000

0

Time-->

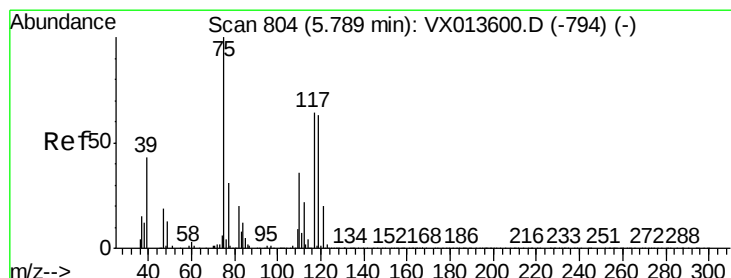
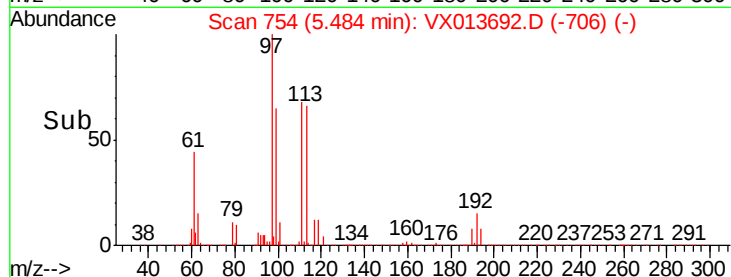
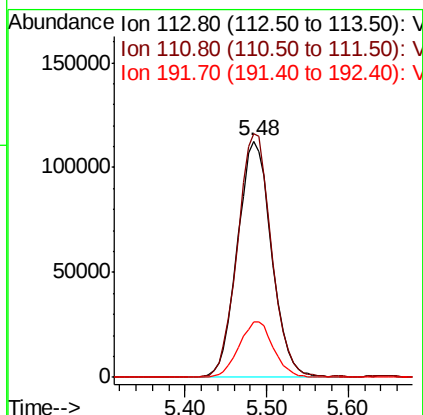
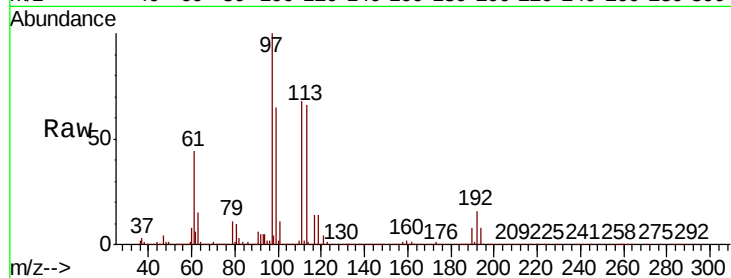




#35
Dibromofluoromethane
Concen: 48.067 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

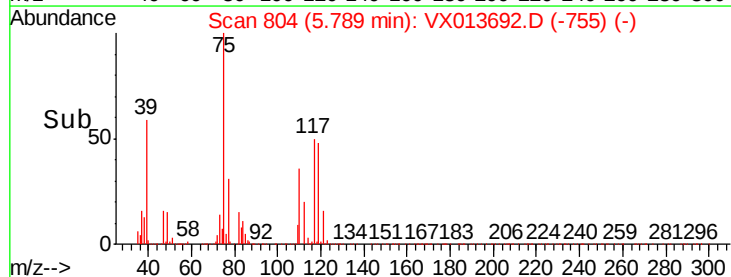
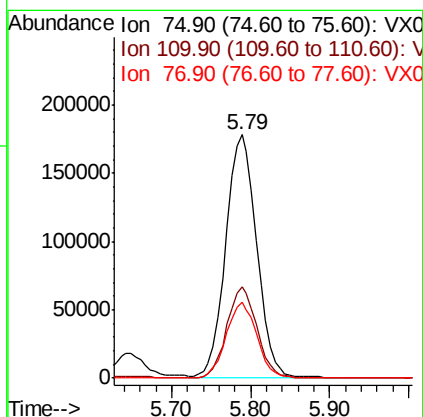
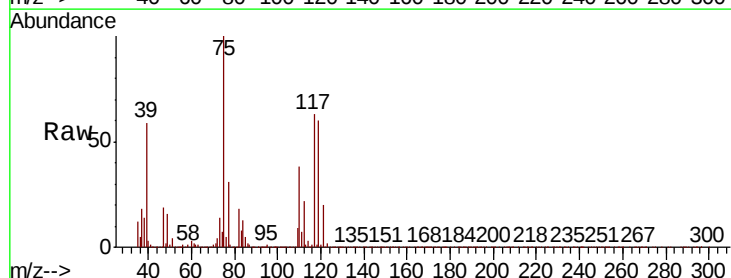
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

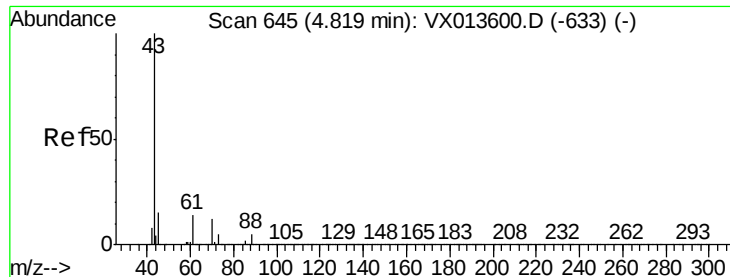
Tot Ion:113 Resp: 324885
Ion Ratio Lower Upper
113 100
111 102.6 83.6 125.4
192 23.9 19.2 28.8



#36
1,1-Dichloropropene
Concen: 48.706 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 75 Resp: 483380
Ion Ratio Lower Upper
75 100
110 36.7 18.1 54.1
77 30.7 24.5 36.7

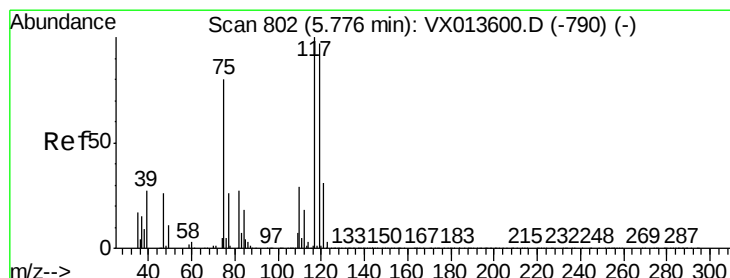
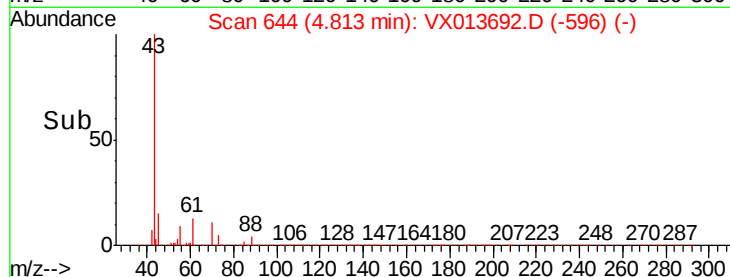
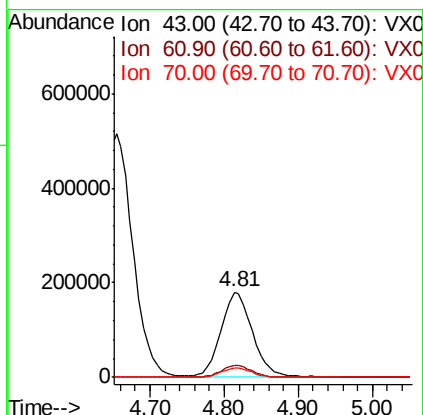
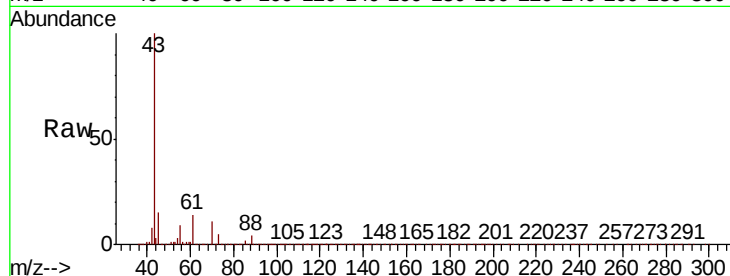




#37
Ethyl Acetate
Concen: 47.205 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

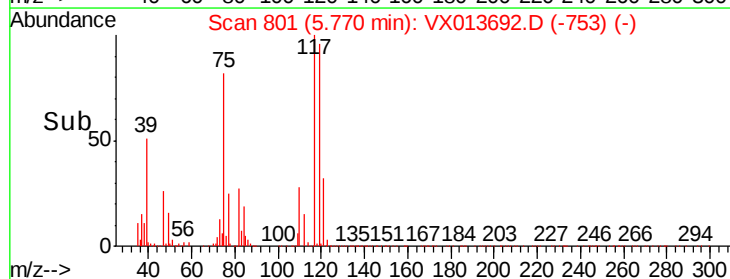
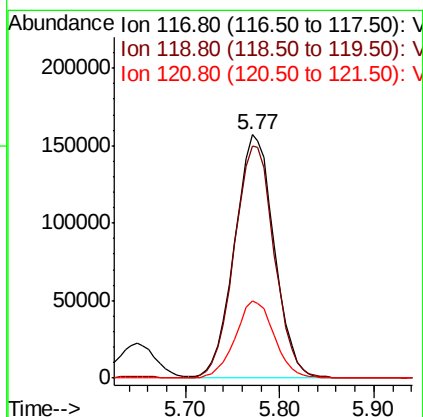
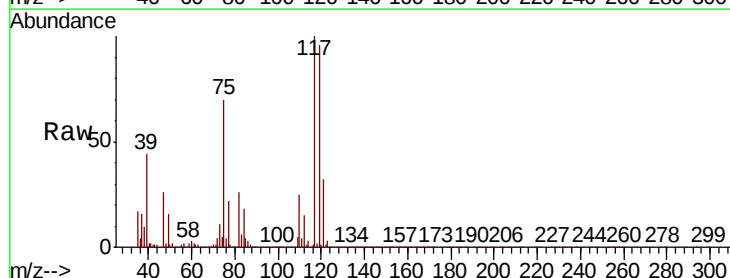
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

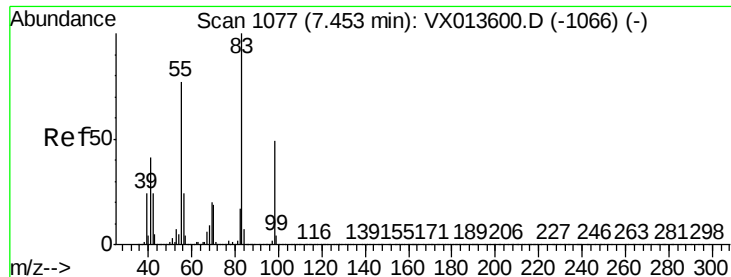
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	10.8	8.6	12.8



#38
Carbon Tetrachloride
Concen: 50.215 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
121	31.7	25.0	37.6

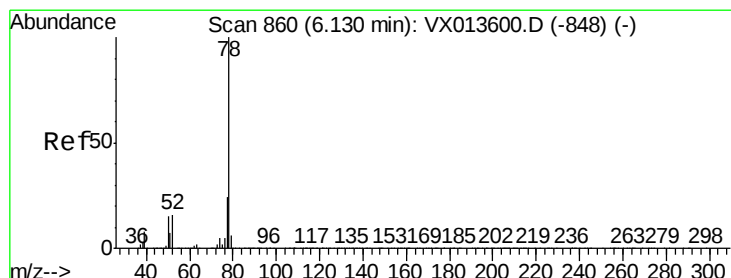
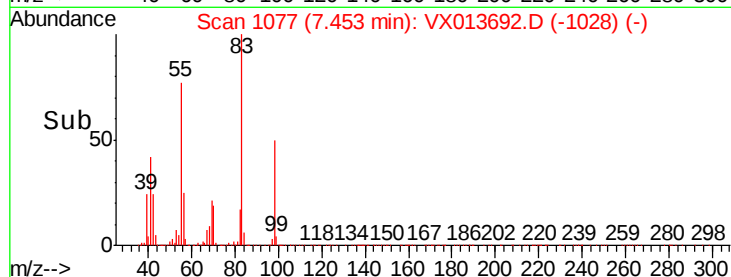
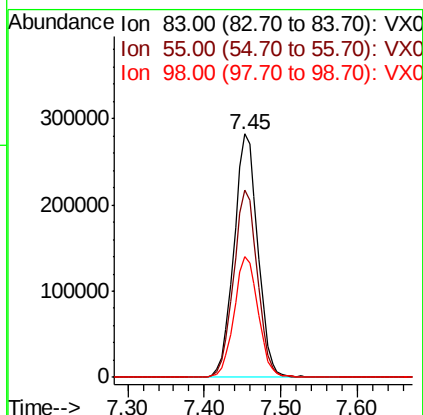
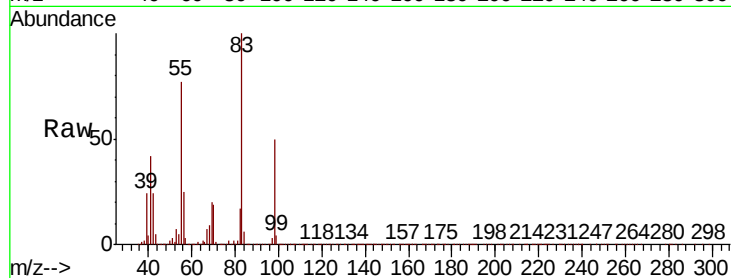




#39
Methvlcvclohexane
Concen: 49.644 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

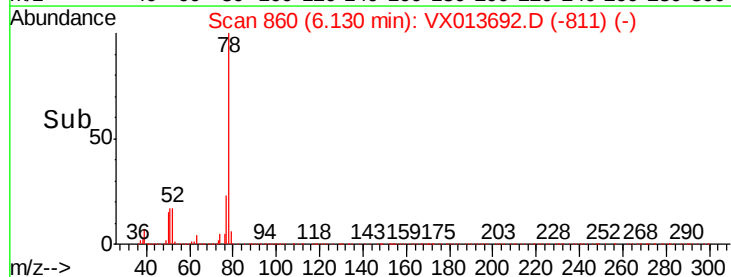
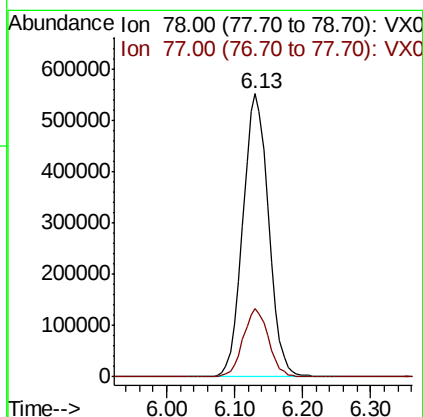
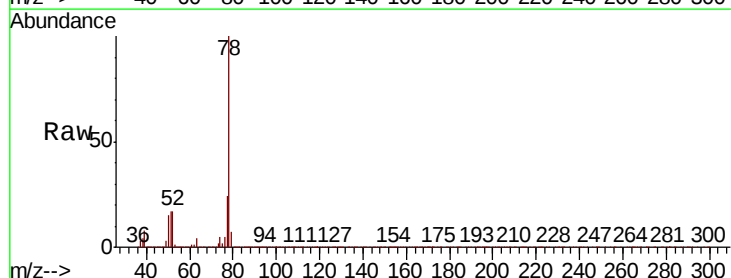
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

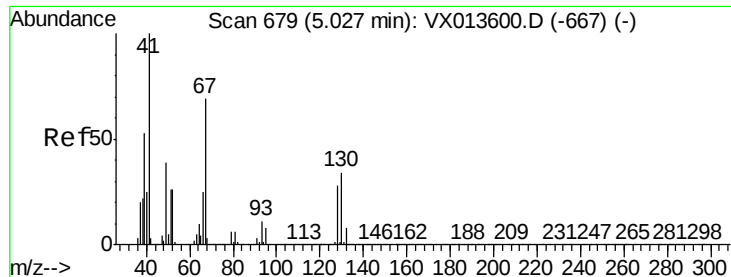
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.9	92.9
98	49.8	39.4	59.0



#40
Benzene
Concen: 47.966 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#41

Methacrylonitrile

Concen: 49.339 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 301260

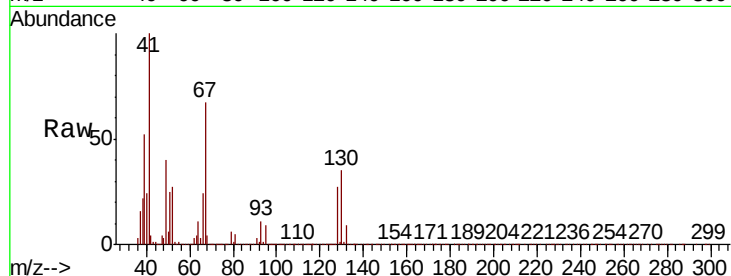
Ion Ratio Lower Upper

41 100

39 53.4 42.9 64.3

67 69.3 57.4 86.0

52 27.6 22.4 33.6

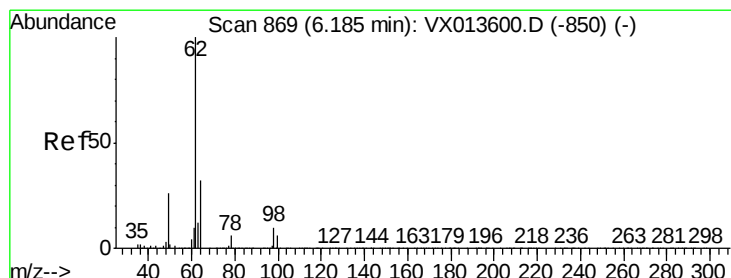
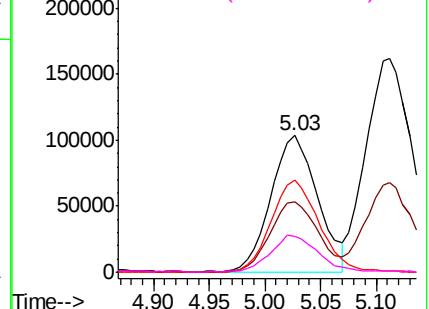
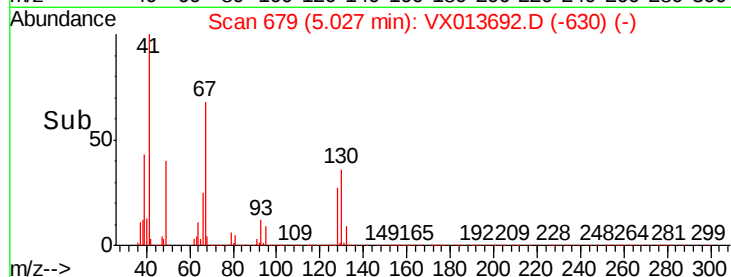


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.496 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013692.D

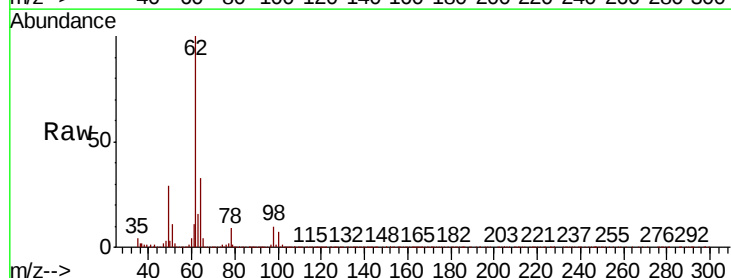
Acq: 29 Nov 2019 10:47

Tgt Ion: 62 Resp: 499923

Ion Ratio Lower Upper

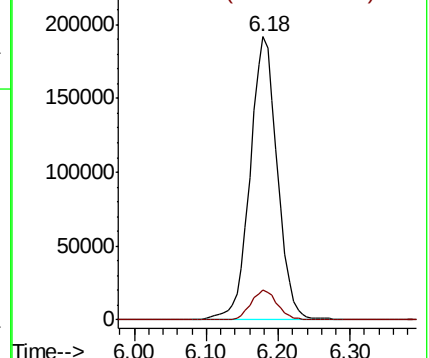
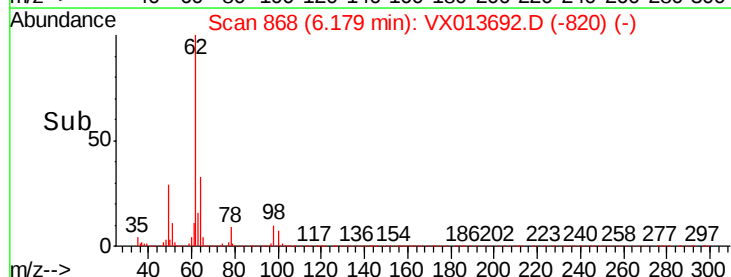
62 100

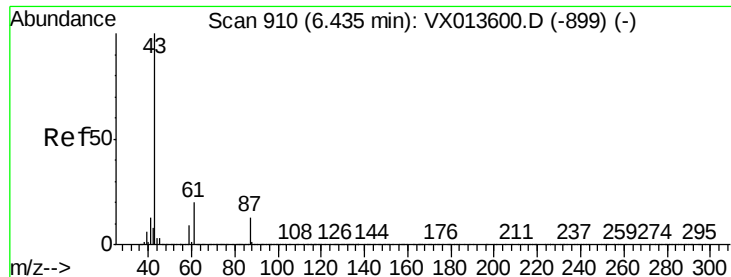
98 10.2 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



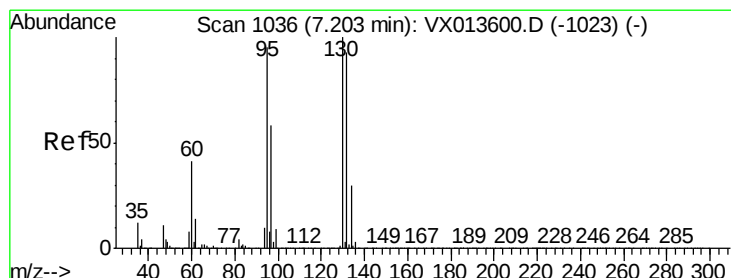
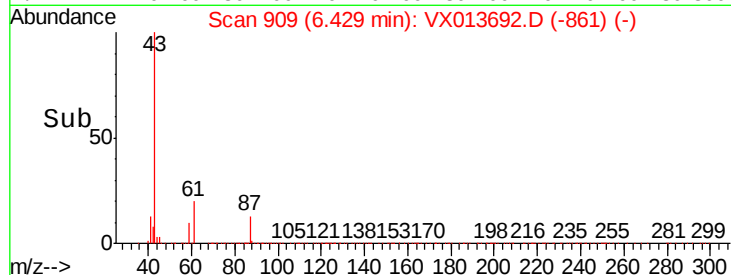
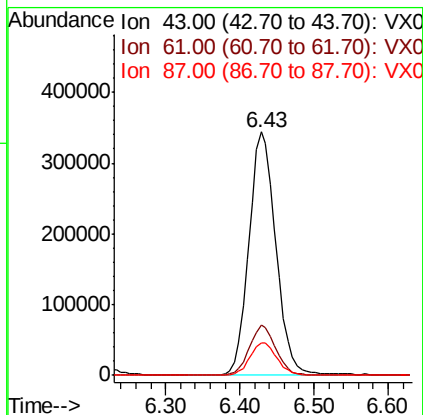
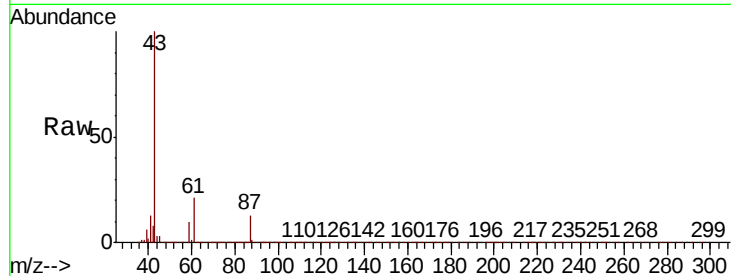


#43

Isopropyl Acetate
 Concen: 47.322 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

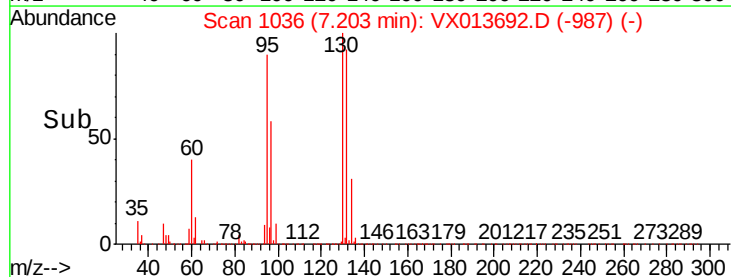
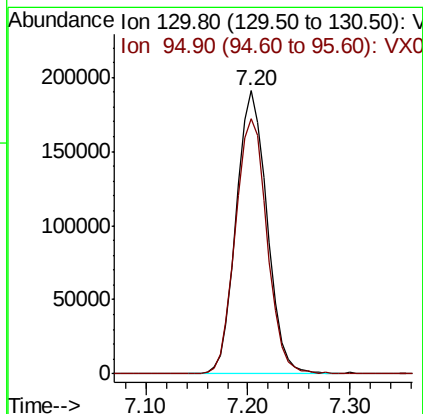
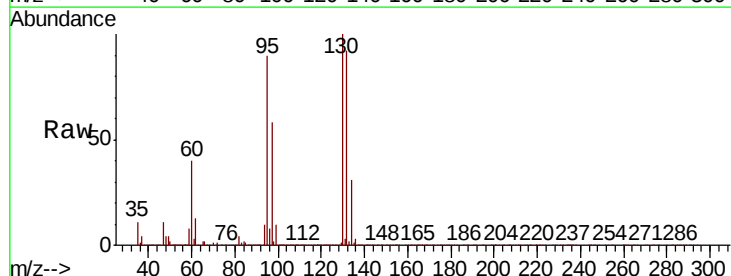
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.3	10.8	16.2

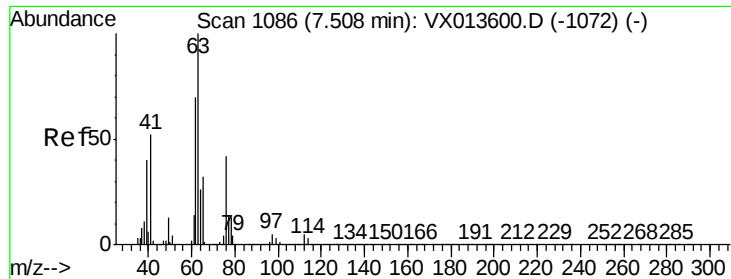


#44

Trichloroethene
 Concen: 48.222 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 49.585 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

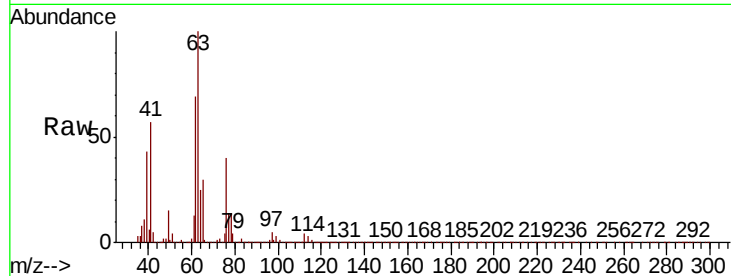
VSTDCCC050

Tot Ion: 63 Resp: 374993

Ion Ratio Lower Upper

63 100

65 29.6 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

200000

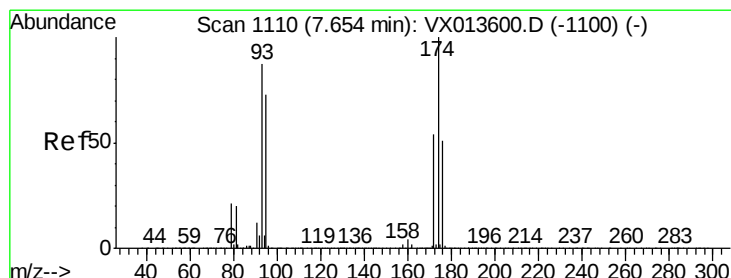
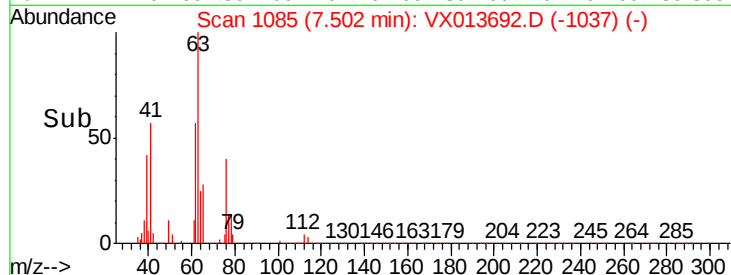
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 46.893 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

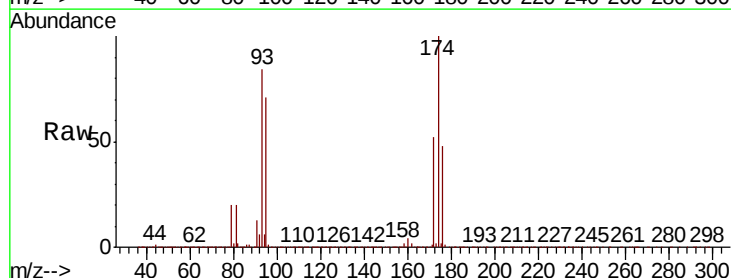
Tgt Ion: 93 Resp: 240860

Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.2

174 116.8 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

200000

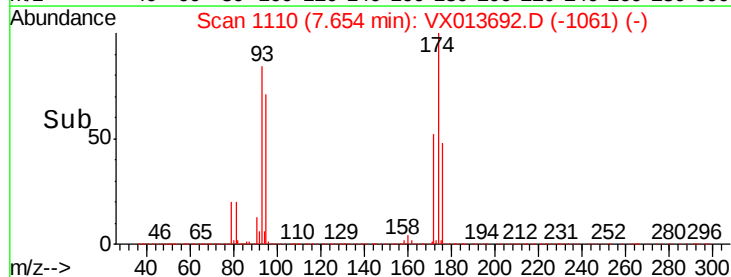
150000

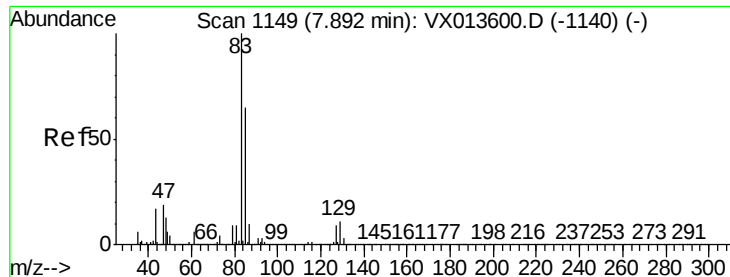
100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 51.214 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

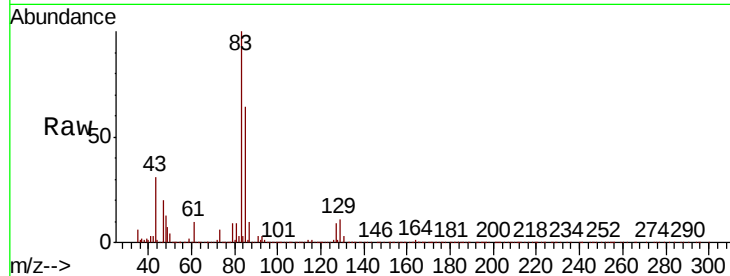
Tot Ion: 83 Resp: 497290

Ion Ratio Lower Upper

83 100

85 64.1 52.1 78.1

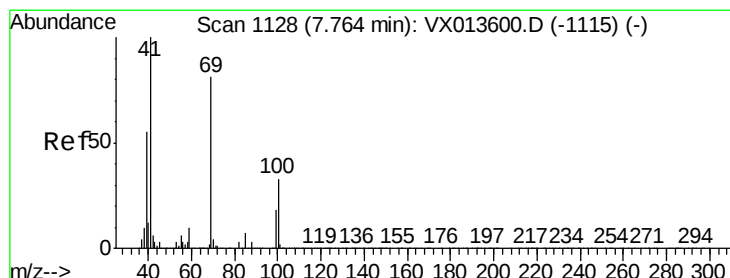
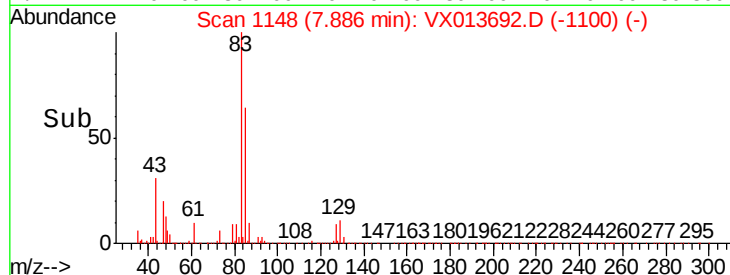
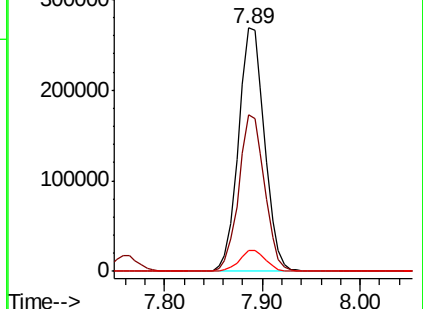
127 8.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.765 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

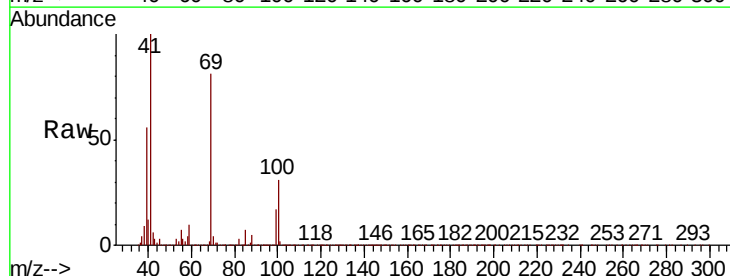
Tgt Ion: 41 Resp: 434299

Ion Ratio Lower Upper

41 100

69 82.7 64.7 97.1

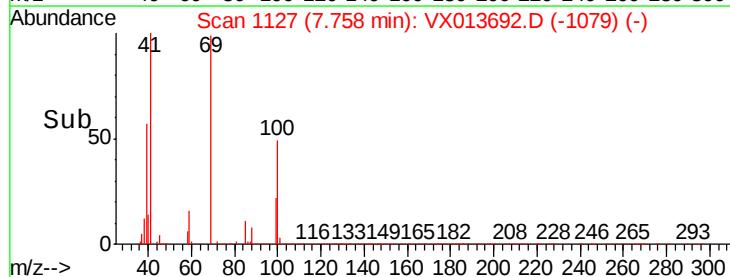
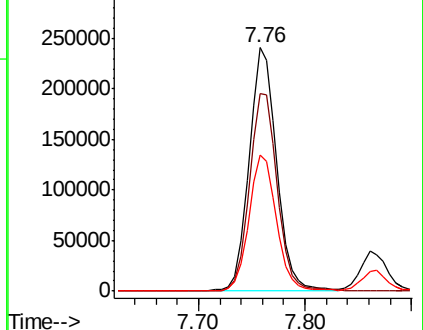
39 55.6 43.8 65.6

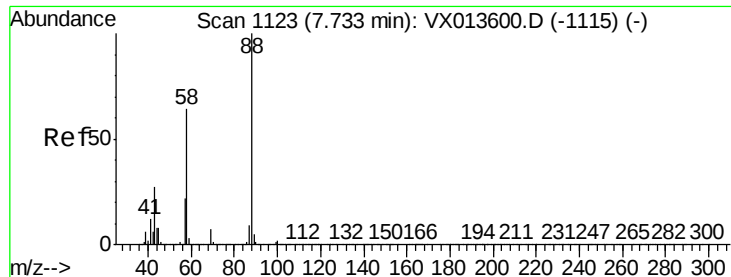


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 904.081 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

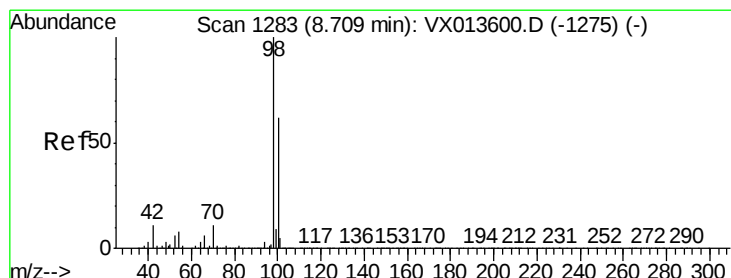
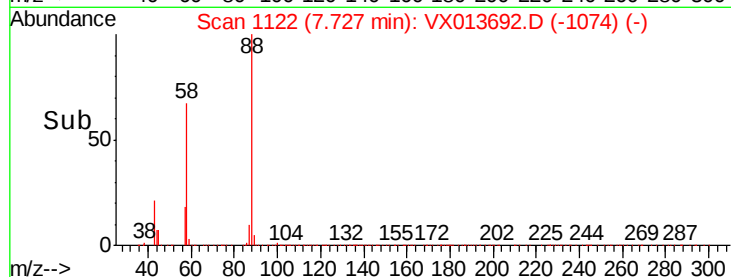
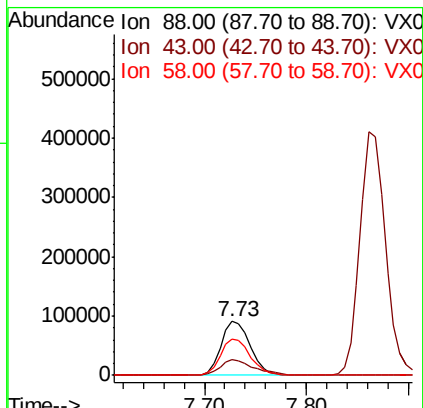
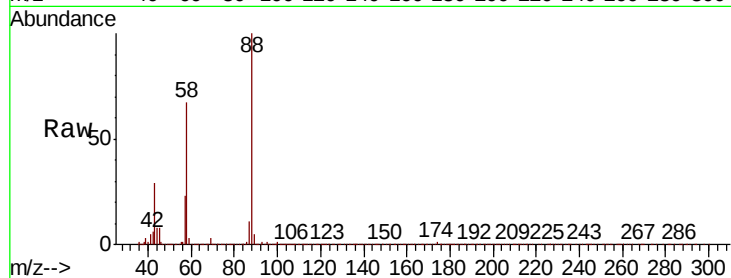
Tot Ion: 88 Resp: 180228

Ion Ratio Lower Upper

88 100

43 32.8 25.8 38.6

58 69.1 54.6 82.0



#50

Toluene-d8

Concen: 48.087 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013692.D

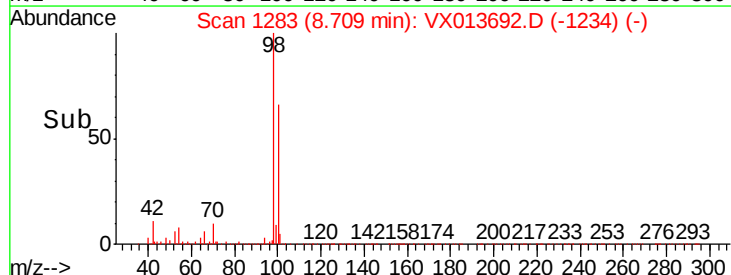
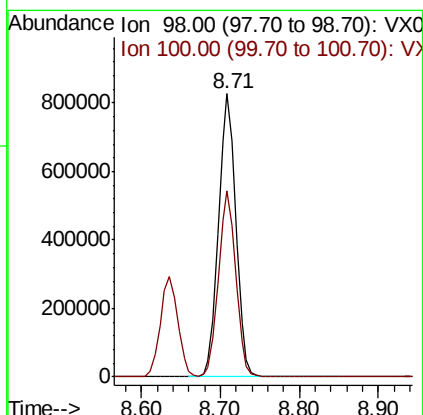
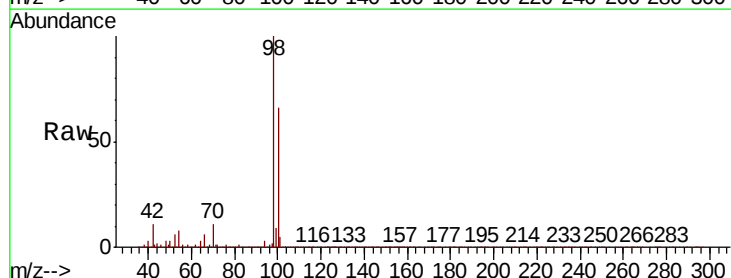
Acq: 29 Nov 2019 10:47

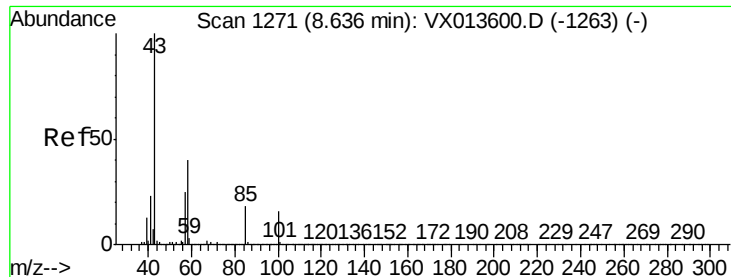
Tgt Ion: 98 Resp: 1266299

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 233.070 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

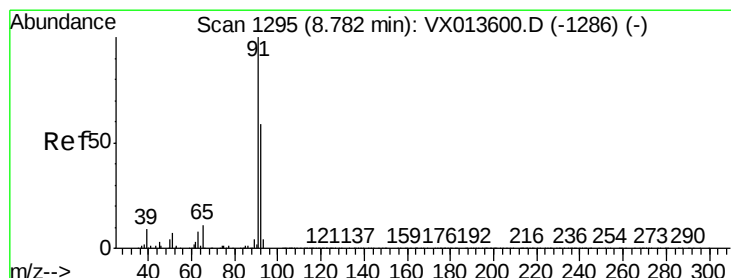
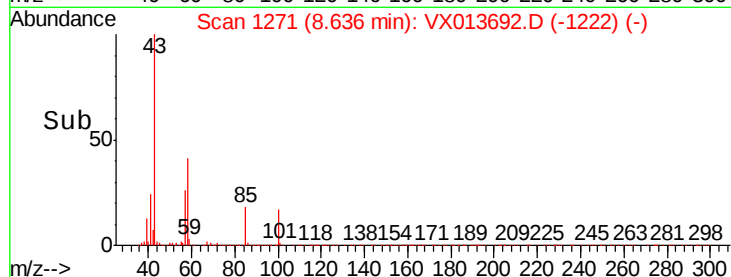
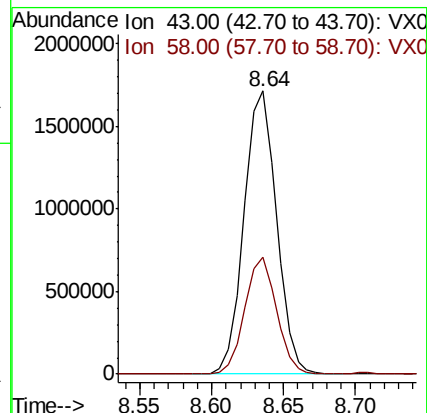
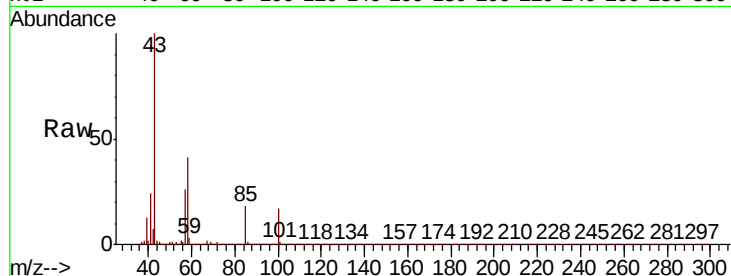
VSTDCCC050

Tot Ion: 43 Resp: 2687242

Ion Ratio Lower Upper

43 100

58 40.4 32.1 48.1



#52

Toluene

Concen: 49.156 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013692.D

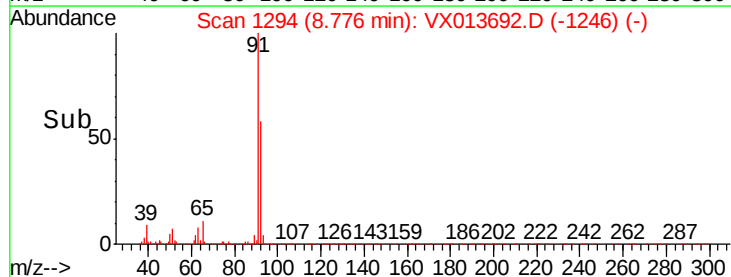
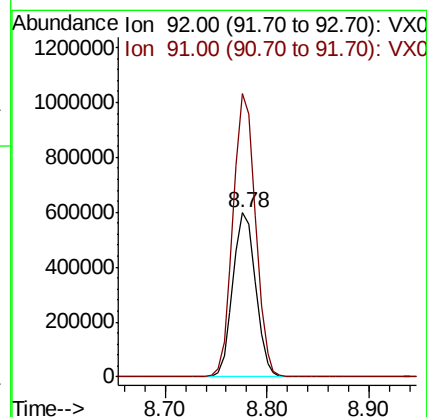
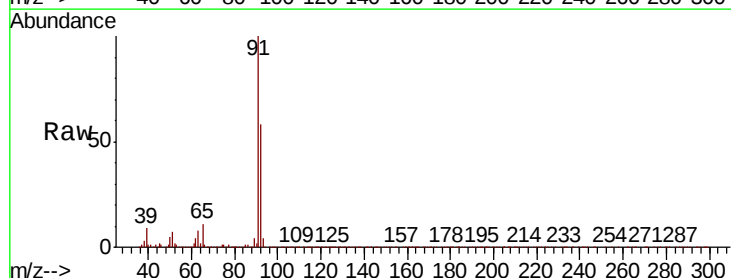
Acq: 29 Nov 2019 10:47

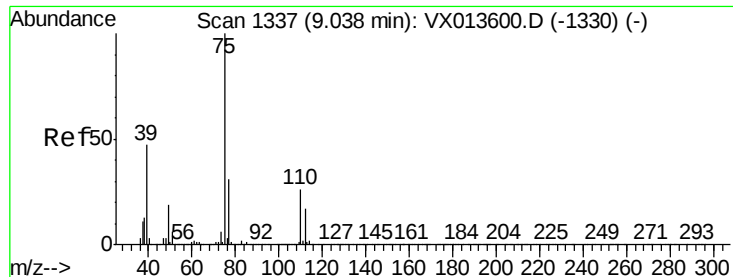
Tgt Ion: 92 Resp: 923054

Ion Ratio Lower Upper

92 100

91 169.8 136.2 204.2

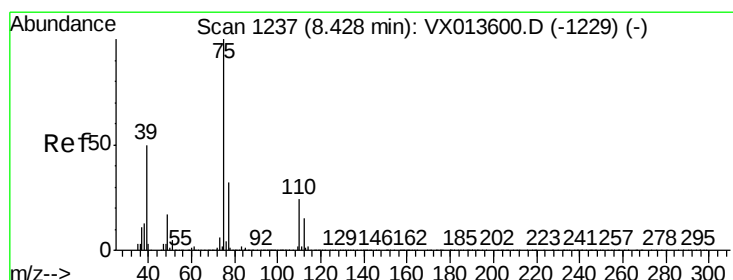
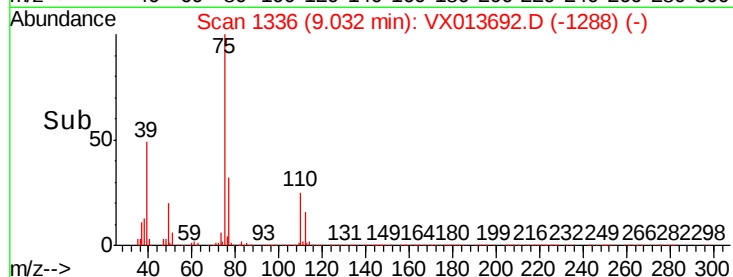
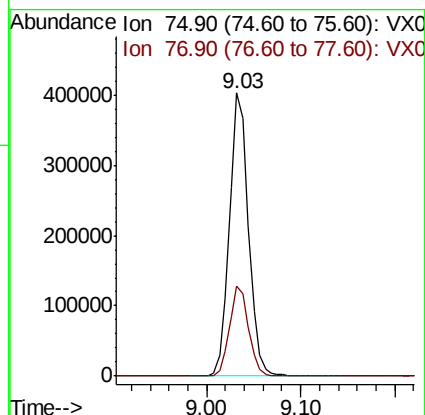
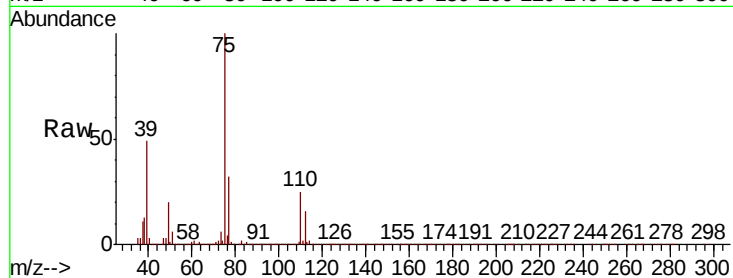




#53
t-1,3-Dichloropropene
Concen: 51.007 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

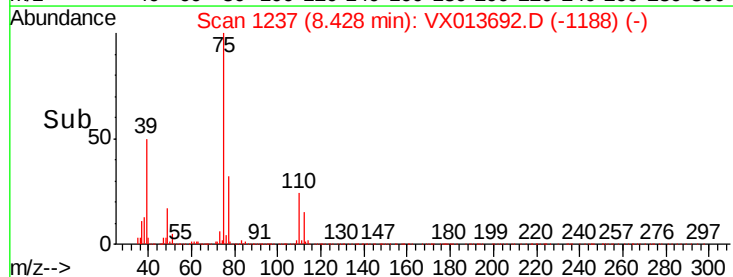
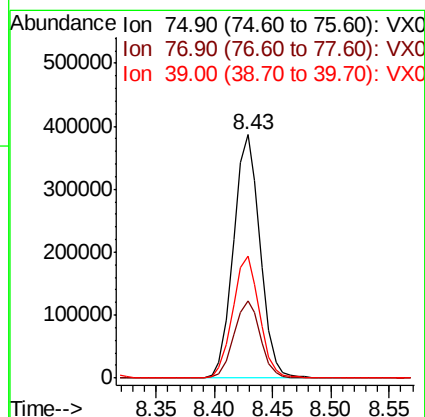
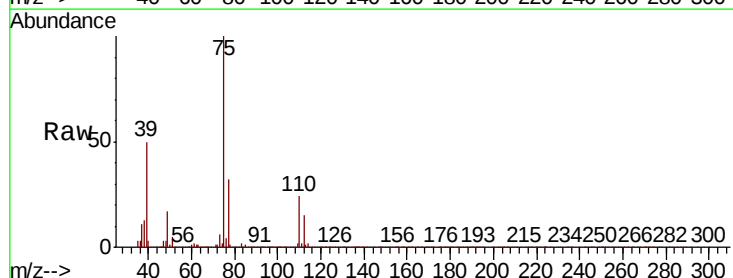
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

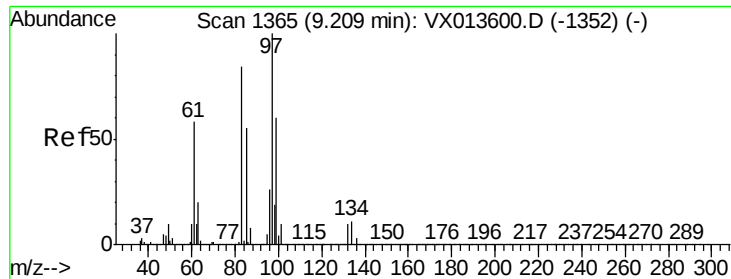
Tot Ion: 75 Resp: 563752
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 50.955 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 75 Resp: 615285
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
39 50.1 39.9 59.9

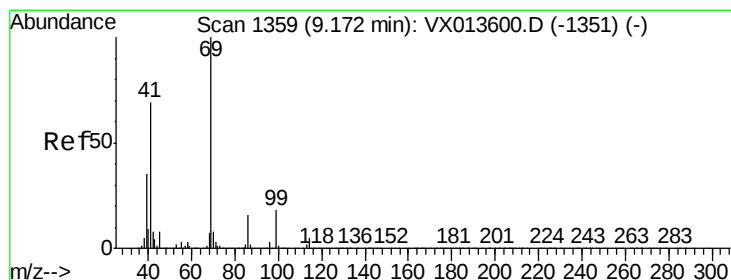
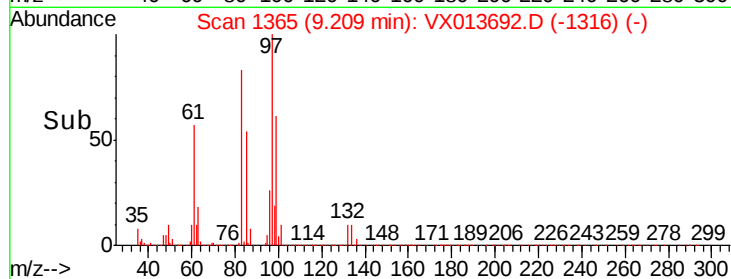
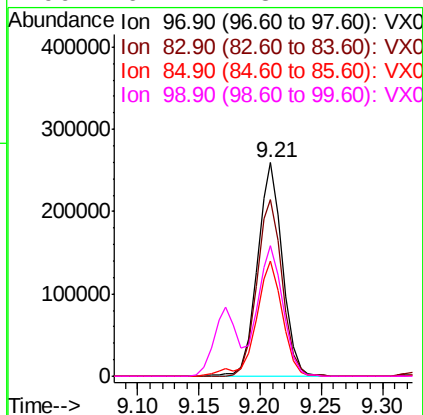
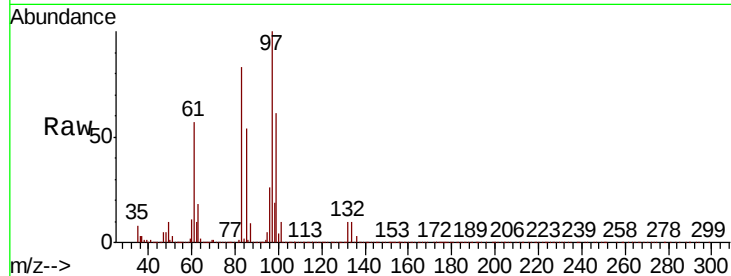




#55
 1,1,2-Trichloroethane
 Concen: 48.820 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

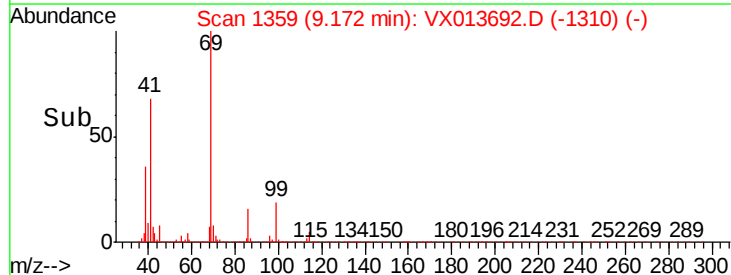
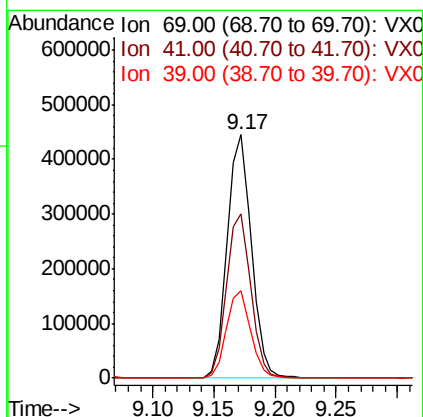
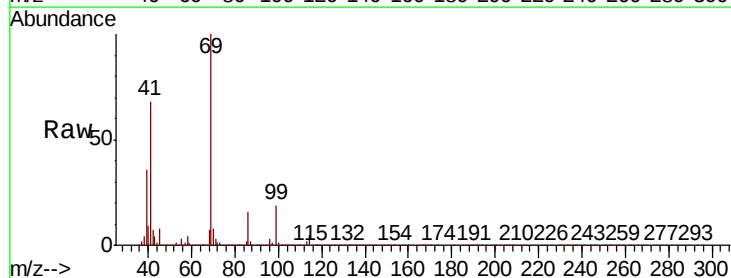
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

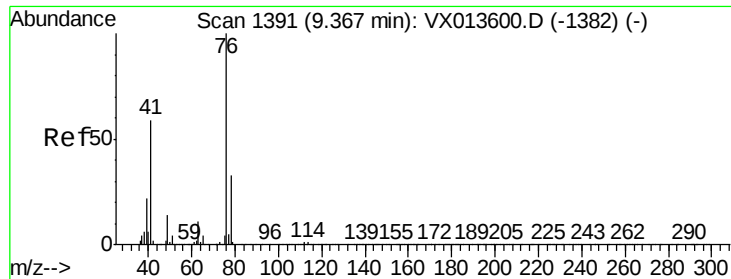
Tot Ion:	97	Resp:	369429
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.3	100.9
85	53.7	43.6	65.4
99	61.2	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 49.787 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion:	69	Resp:	605719
Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.0	82.4
39	35.9	28.7	43.1

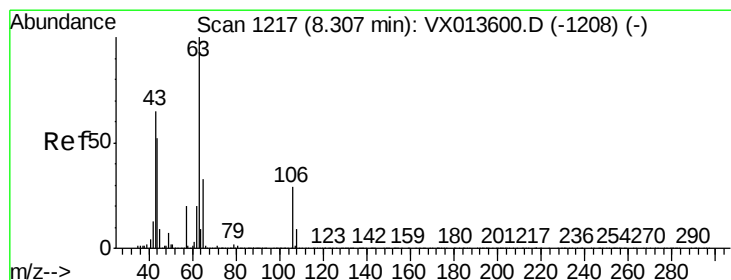
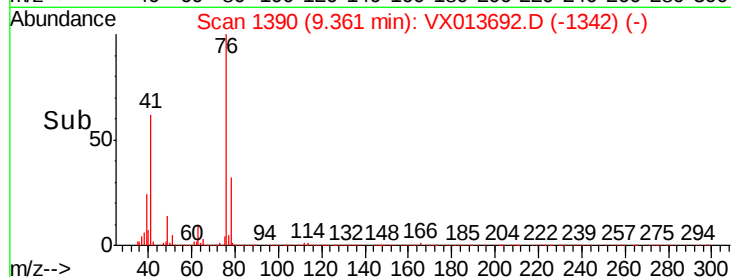
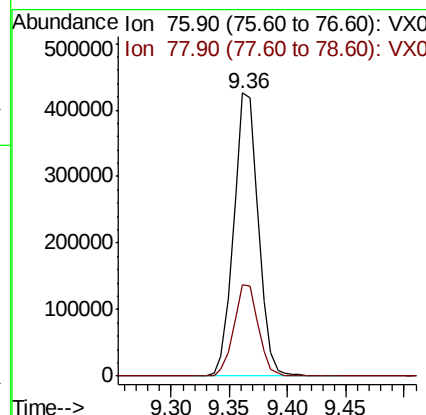
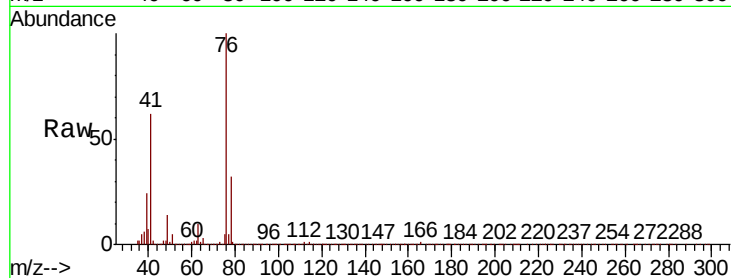




#57
 1,3-Dichloropropane
 Concen: 47.939 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

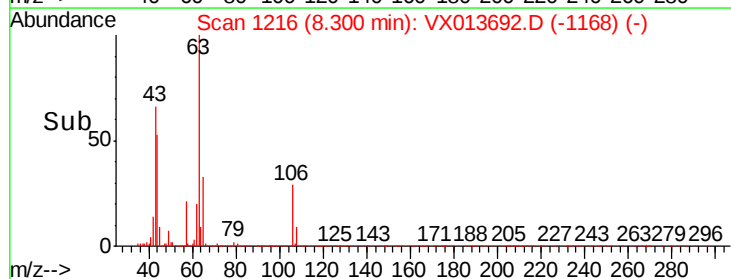
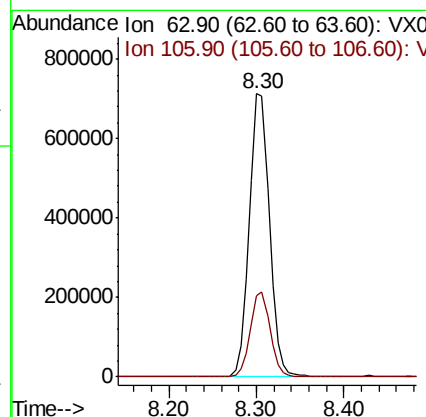
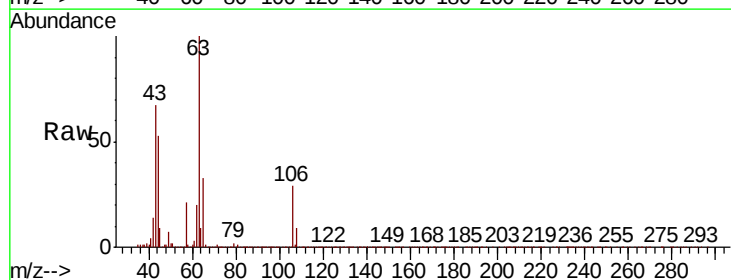
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

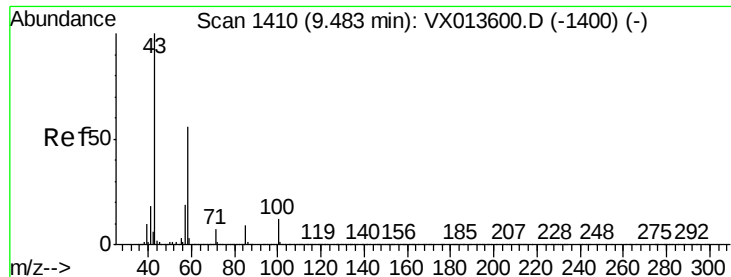
Tot Ion: 76 Resp: 625279
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.274 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion: 63 Resp: 1136573
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.4 35.0

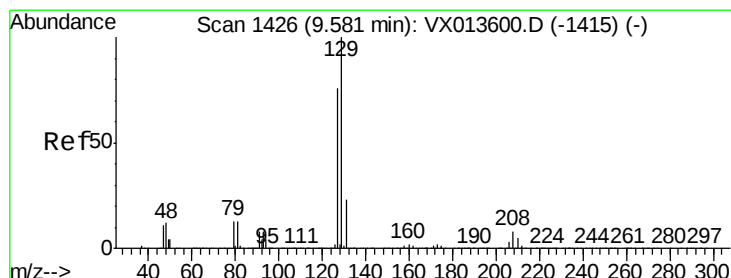
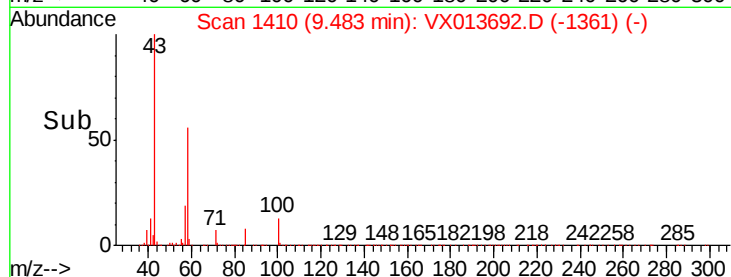
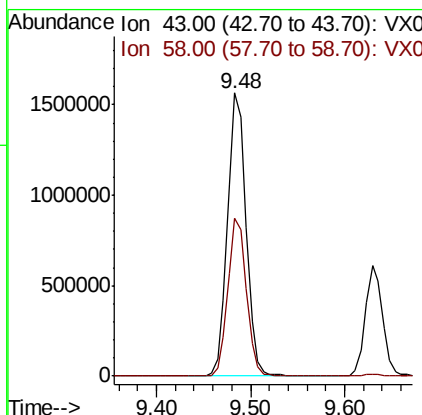
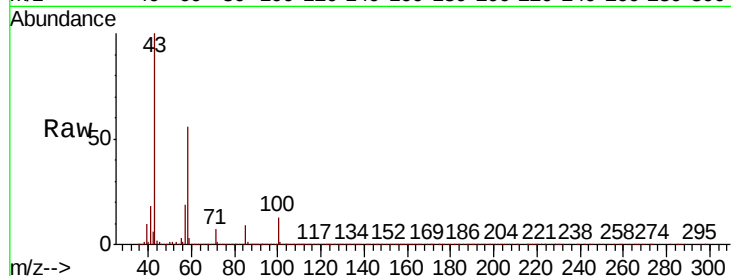




#59
2-Hexanone
Concen: 238.456 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

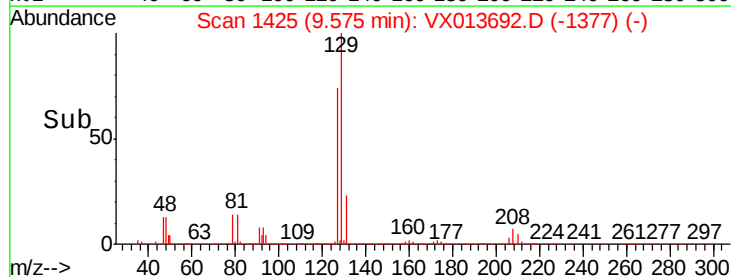
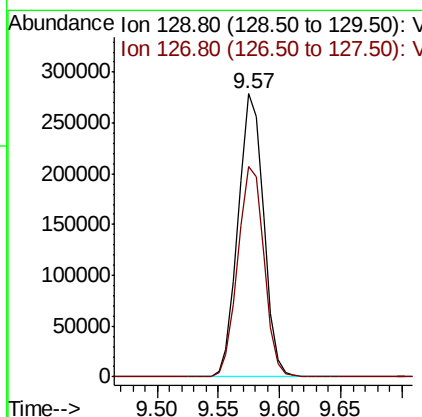
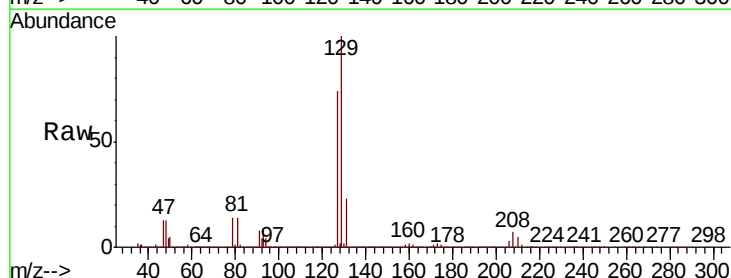
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2144288
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.4



#60
Dibromochloromethane
Concen: 51.220 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 129 Resp: 402241
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

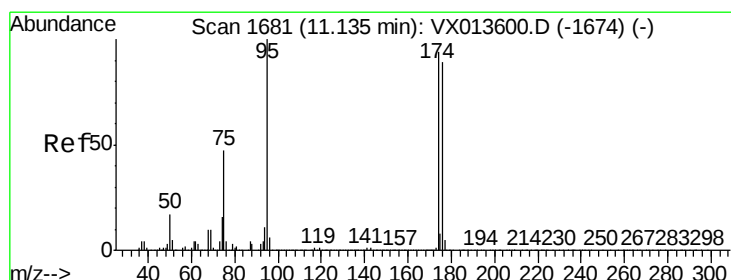
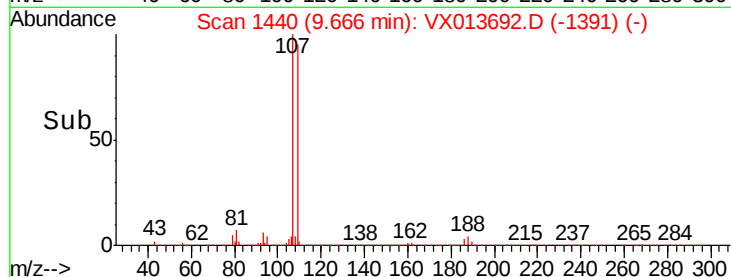
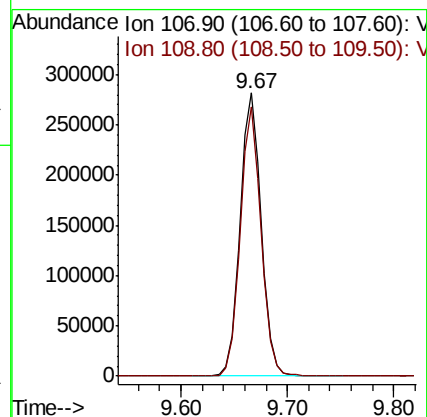
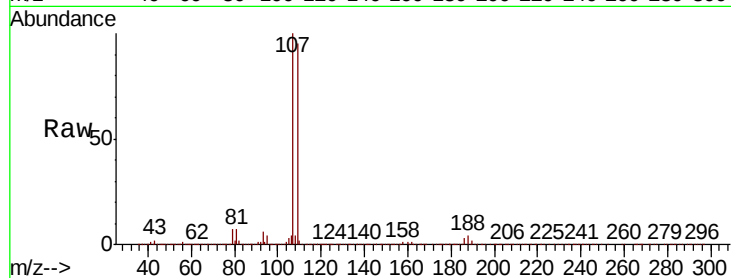




#61
 1,2-Dibromoethane
 Concen: 48.207 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

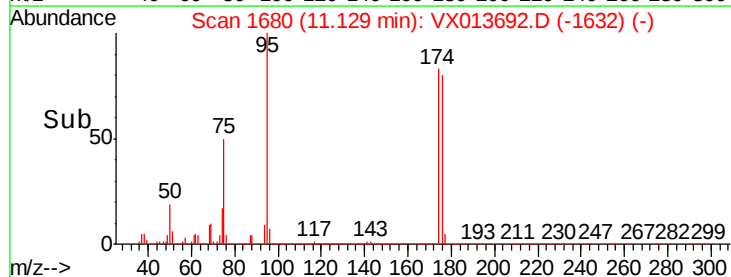
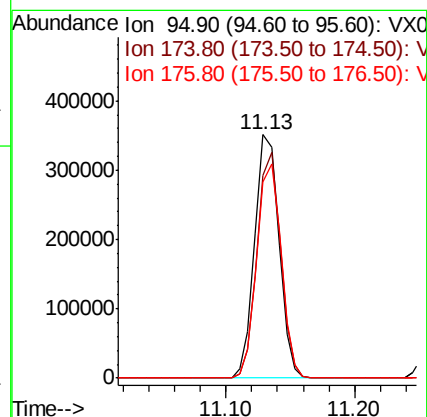
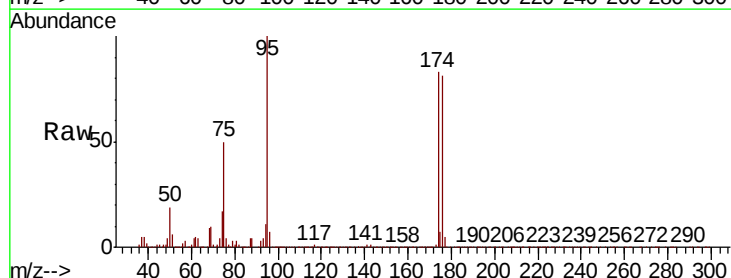
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

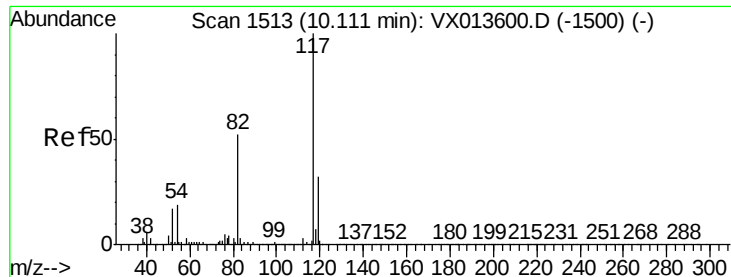
Tot Ion: 107 Resp: 389614
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 48.203 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion: 95 Resp: 457735
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 180.0
 176 87.9 0.0 173.6

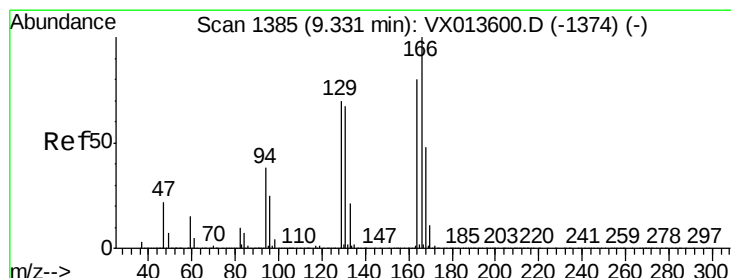
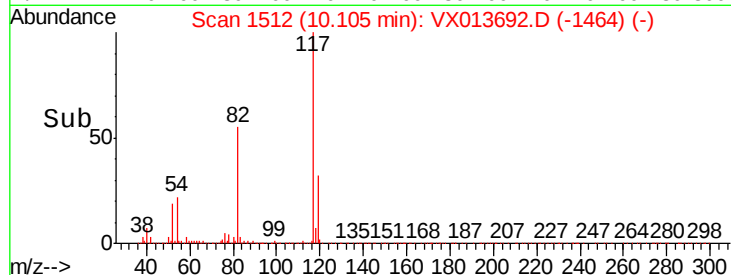
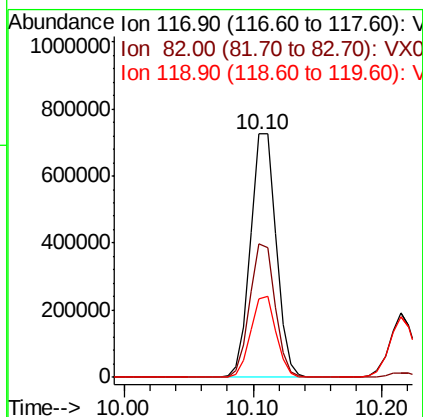
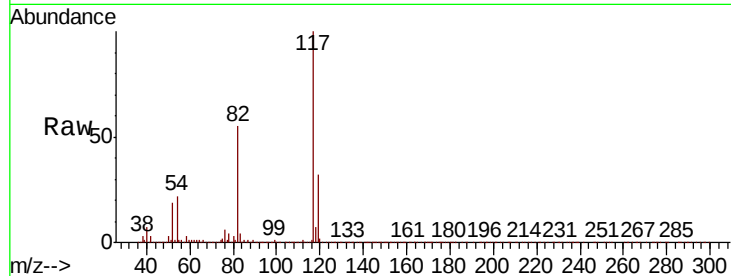




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

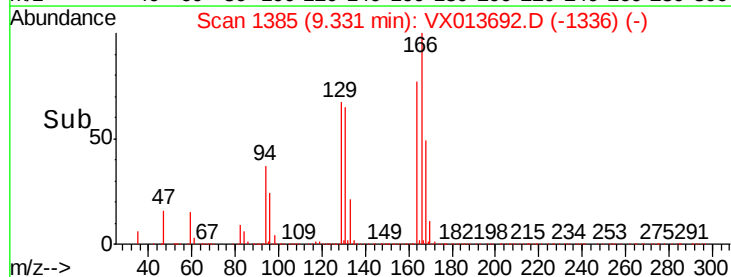
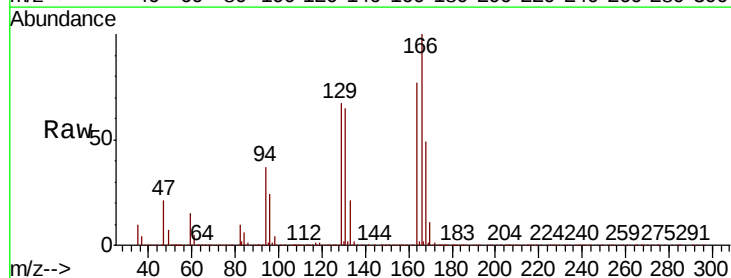
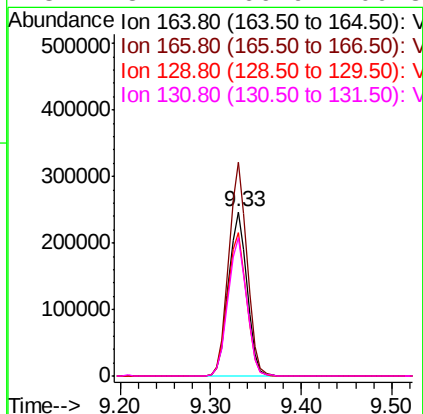
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

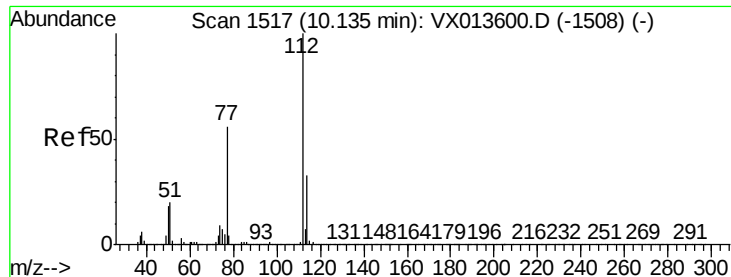
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.8	62.8
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 47.713 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.7	149.5
129	87.2	70.1	105.1
131	84.1	66.9	100.3





#65

Chlorobenzene

Concen: 48.441 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

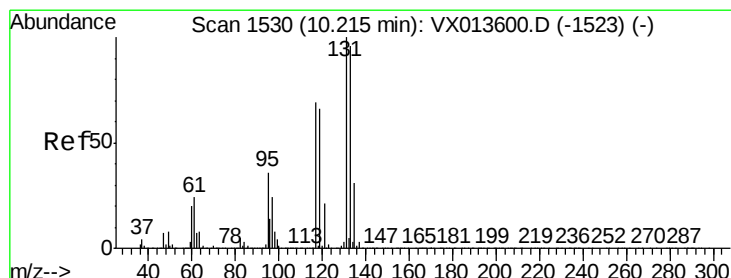
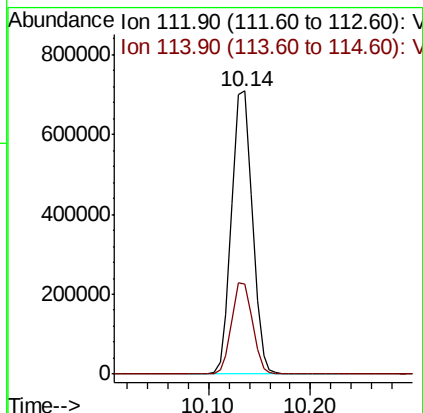
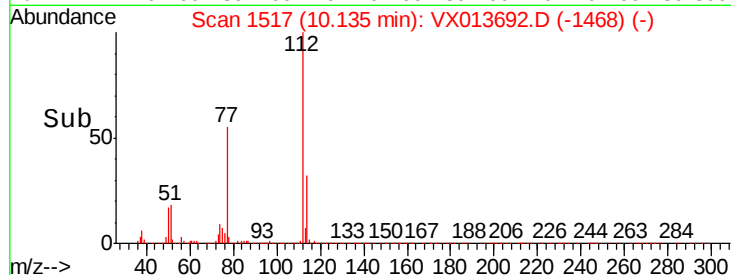
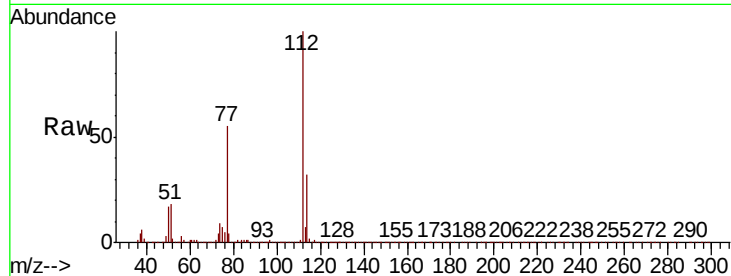
VSTDCCC050

Tot Ion:112 Resp: 995707

Ion Ratio Lower Upper

112 100

114 32.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.089 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

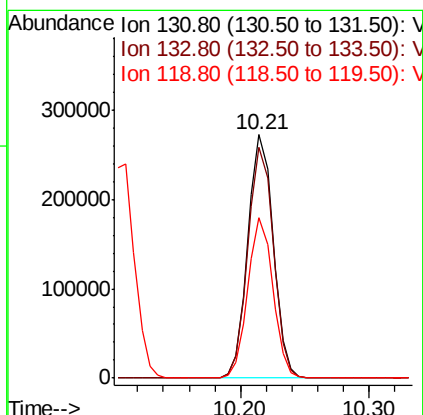
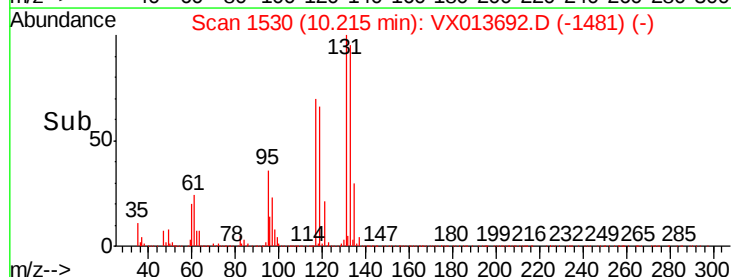
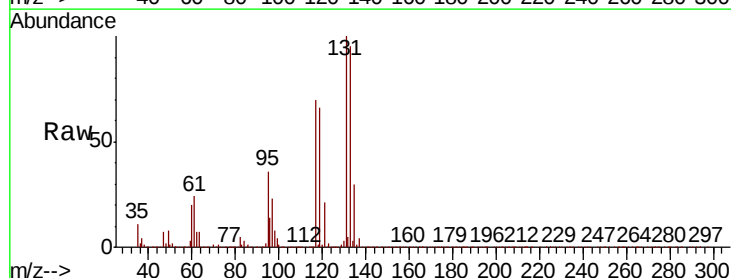
Tgt Ion:131 Resp: 369714

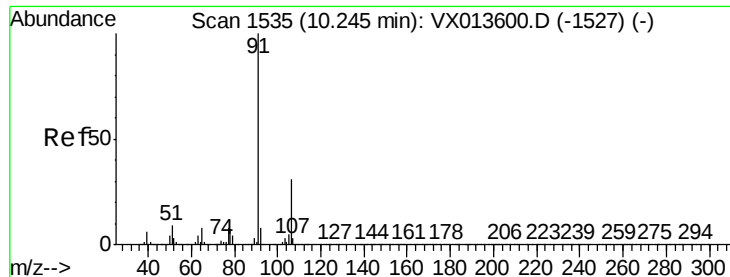
Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 64.8 32.9 98.6





#67

Ethyl Benzene

Concen: 49.892 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

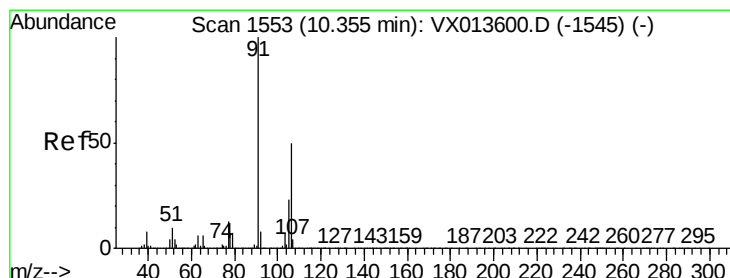
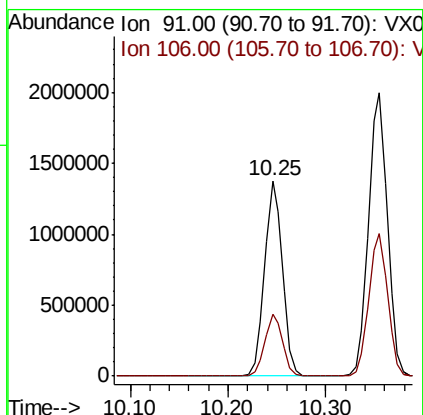
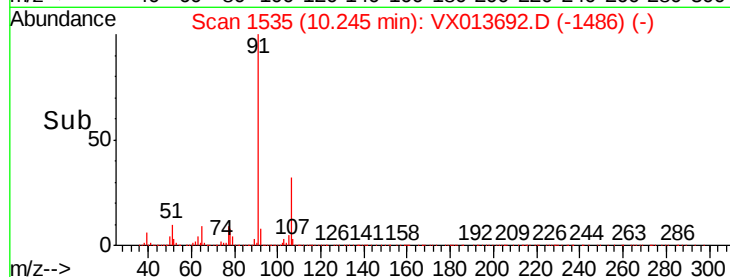
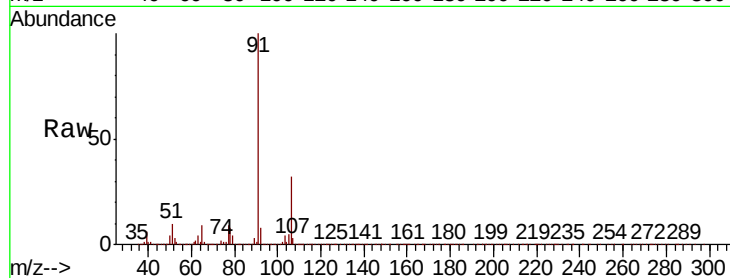
VSTDCCC050

Tot Ion: 91 Resp: 1762235

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 99.496 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013692.D

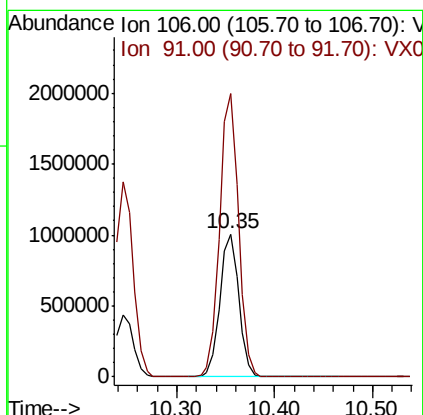
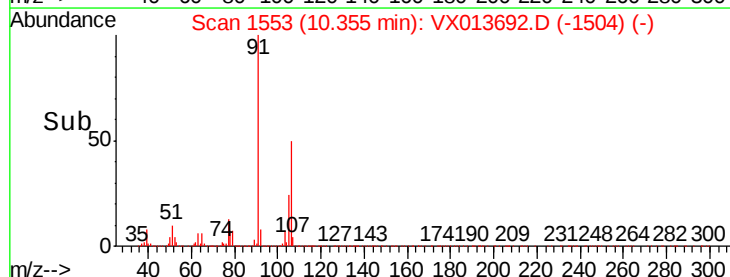
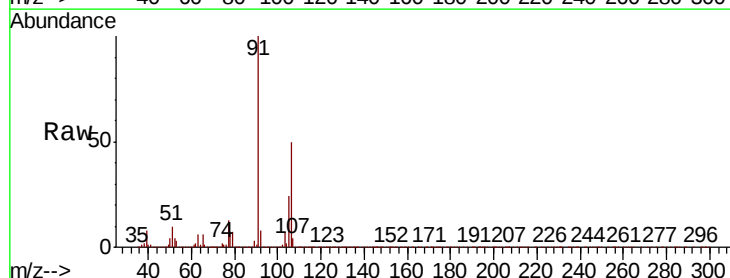
Acq: 29 Nov 2019 10:47

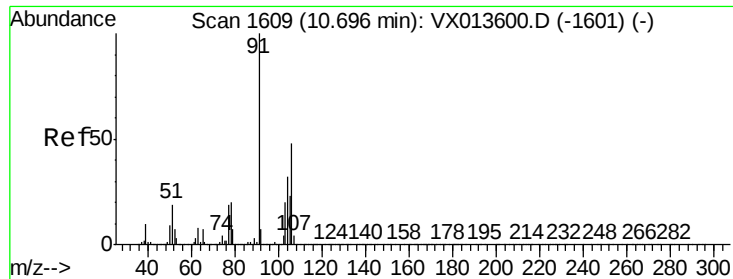
Tgt Ion: 106 Resp: 1345483

Ion Ratio Lower Upper

106 100

91 198.7 159.0 238.4

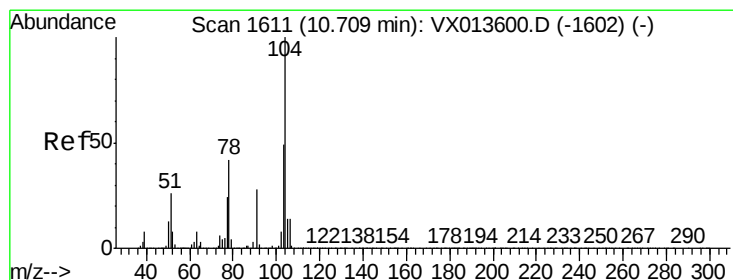
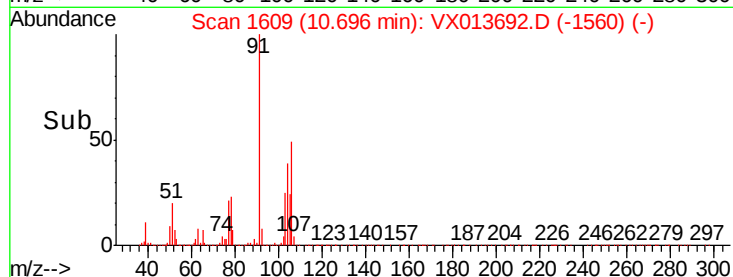
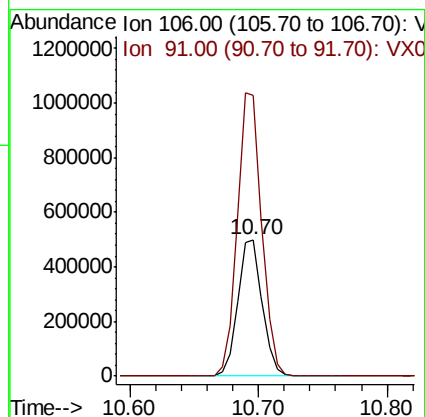
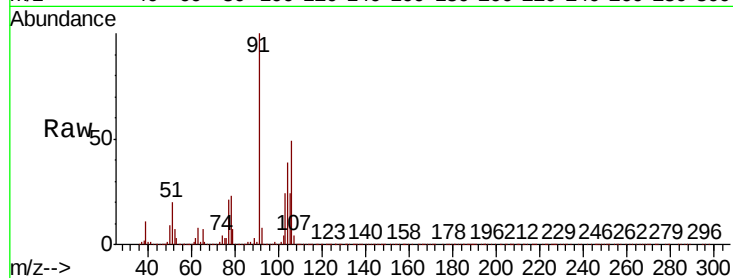




#69
o-Xylene
Concen: 49.543 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

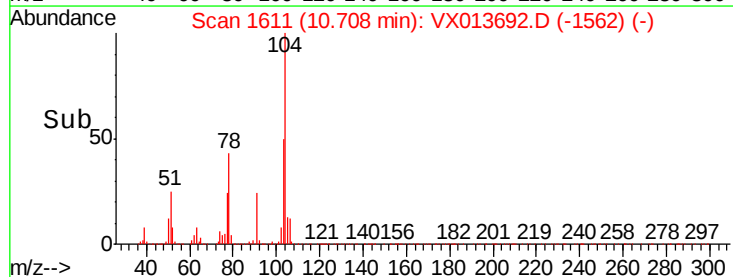
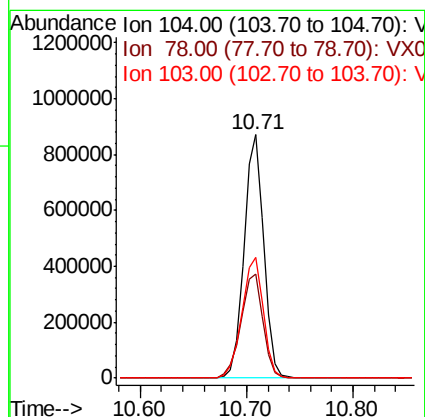
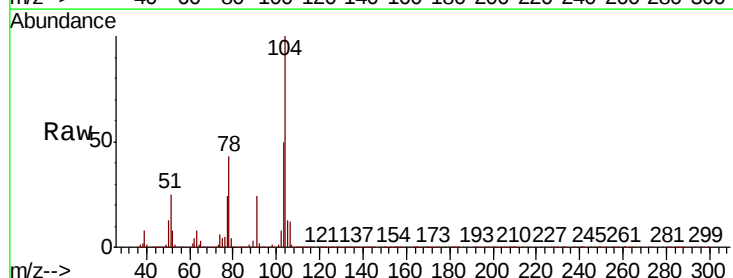
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

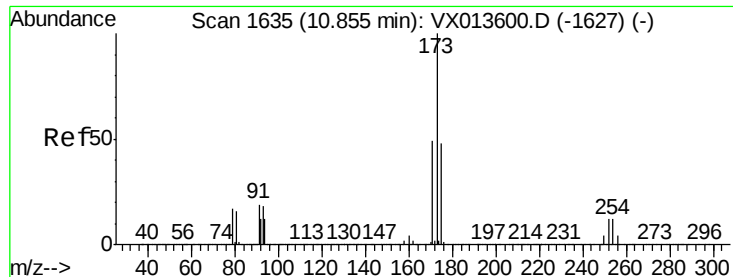
Tot Ion:106 Resp: 653422
Ion Ratio Lower Upper
106 100
91 208.8 104.1 312.2



#70
Styrene
Concen: 50.813 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion:104 Resp: 1127337
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 50.400 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

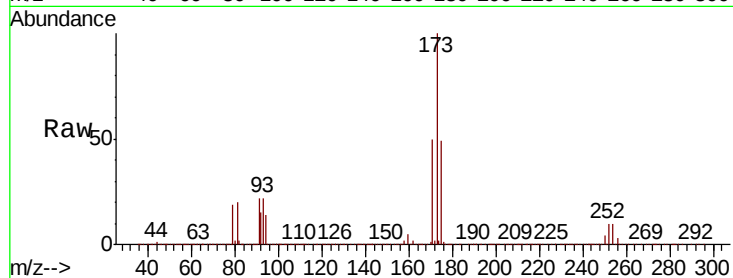
Tot Ion:173 Resp: 307805

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.8

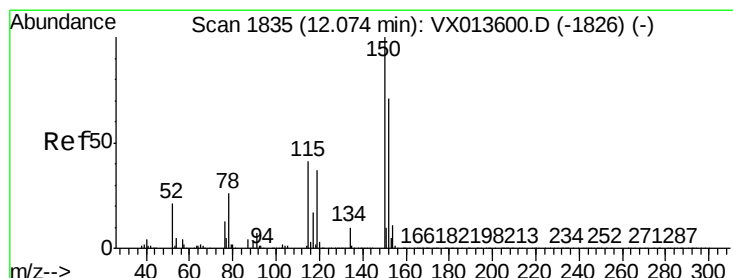
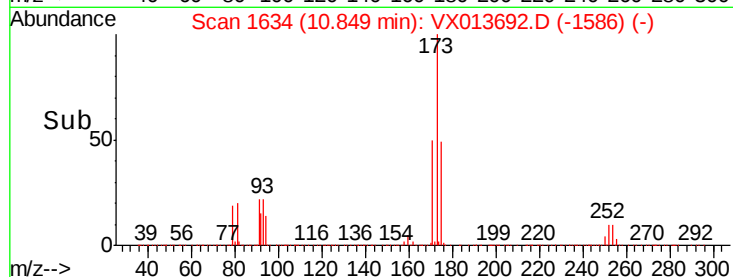
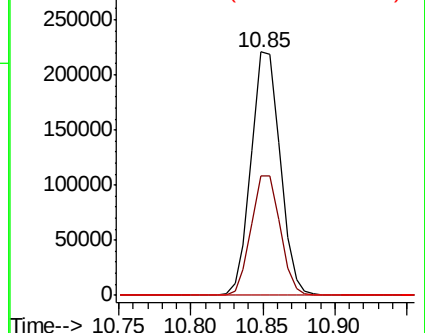
254 0.2 0.2 0.4#



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: VX013692.D

Acq: 29 Nov 2019 10:47

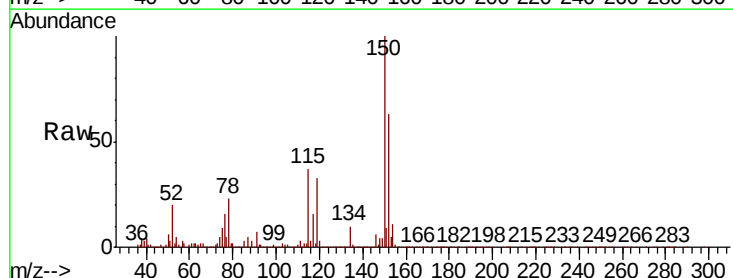
Tgt Ion:152 Resp: 506673

Ion Ratio Lower Upper

152 100

115 77.9 38.4 115.1

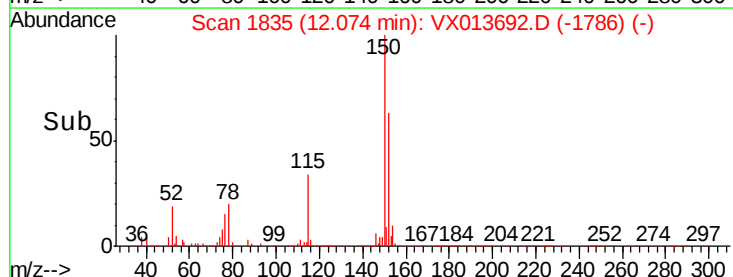
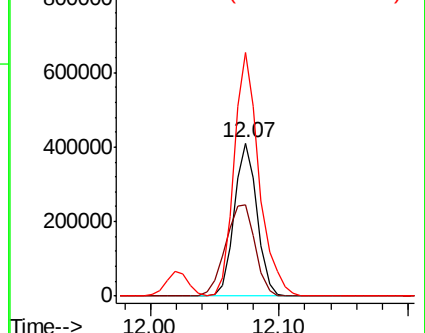
150 174.0 0.0 346.8

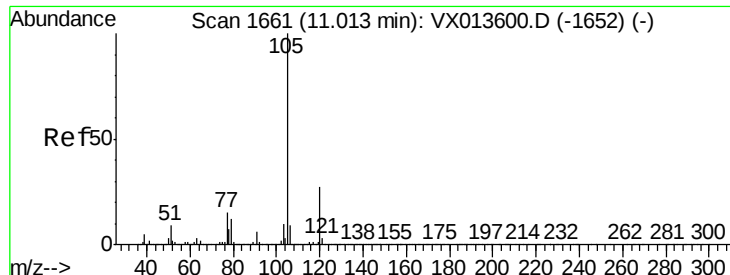


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.667 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

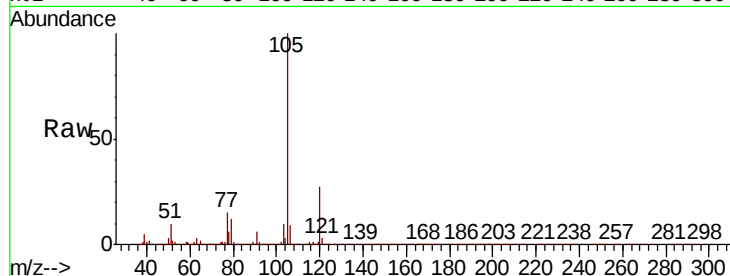
VSTDCCC050

Tot Ion:105 Resp: 1729680

Ion Ratio Lower Upper

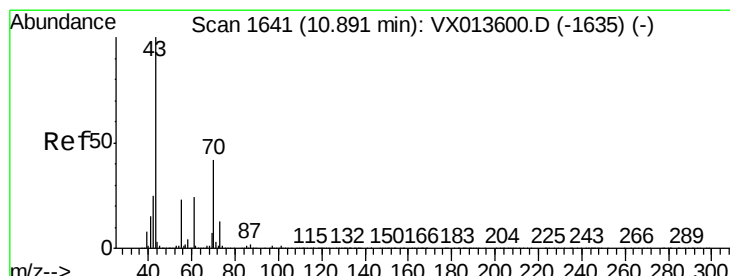
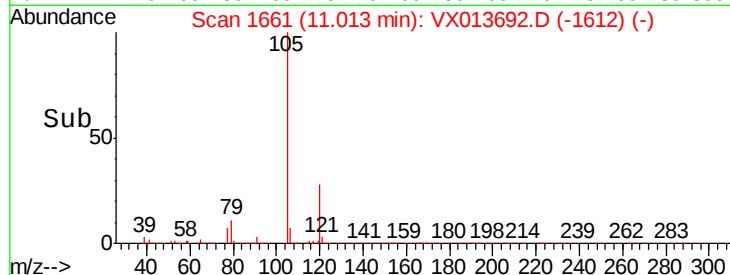
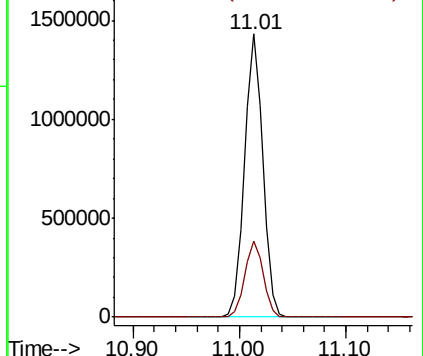
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.691 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Tgt Ion: 43 Resp: 792729

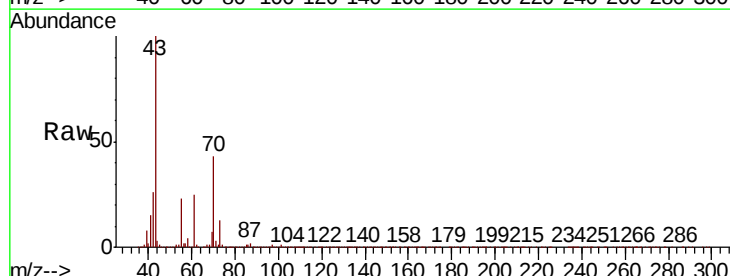
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 23.3 18.5 27.7

61 25.5 19.8 29.8

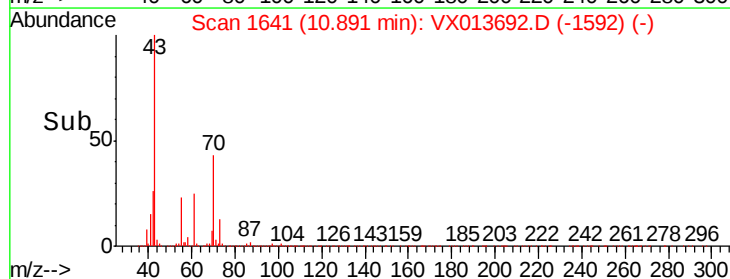
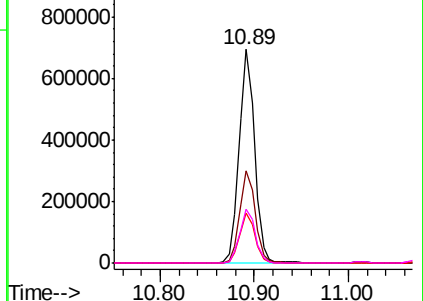


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.780 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

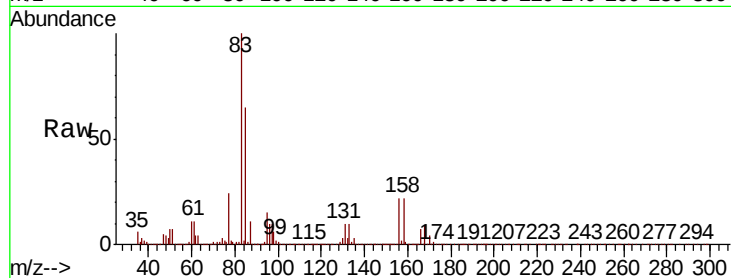
Tot Ion: 83 Resp: 576592

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

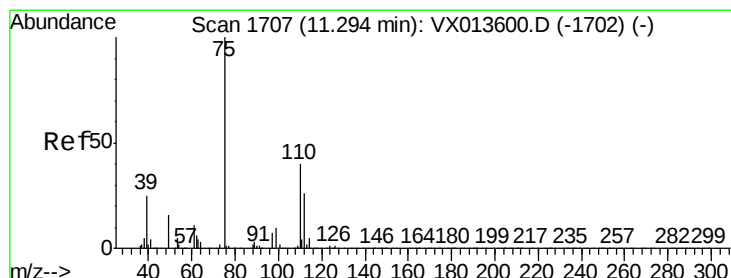
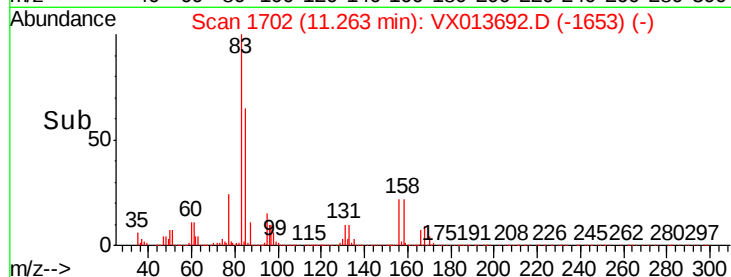
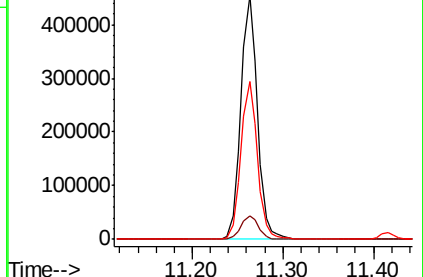
85 64.7 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.462 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013692.D

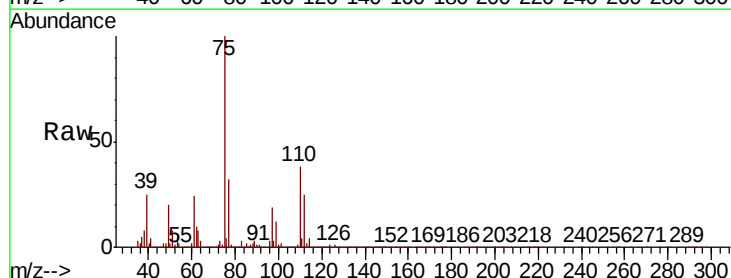
Acq: 29 Nov 2019 10:47

Tgt Ion: 75 Resp: 666230

Ion Ratio Lower Upper

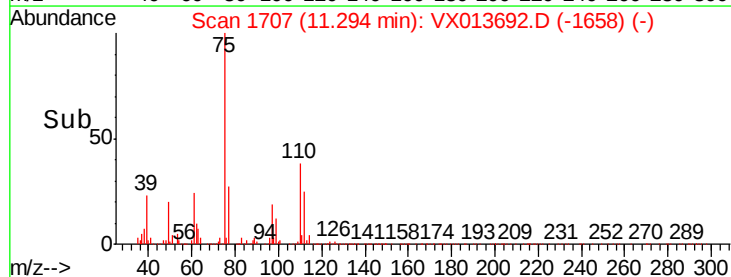
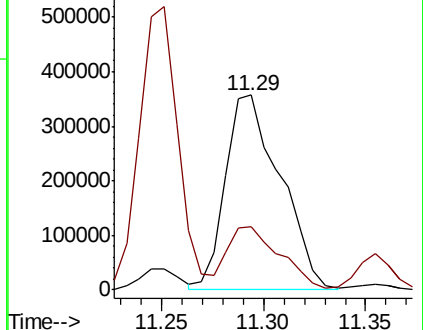
75 100

77 30.8 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: 46.898 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

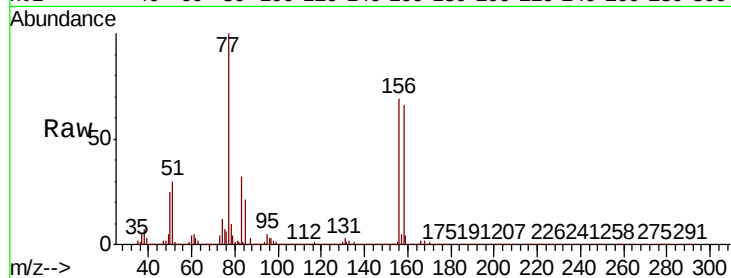
Tot Ion:156 Resp: 450290

Ion Ratio Lower Upper

156 100

77 151.8 74.4 223.1

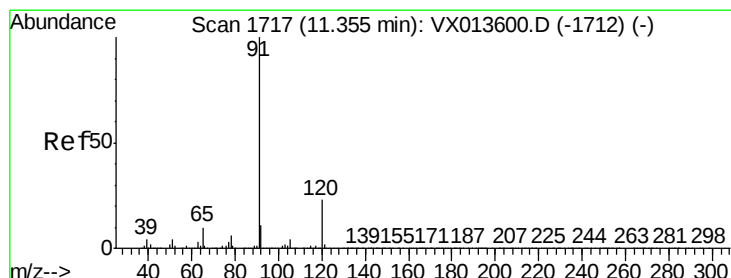
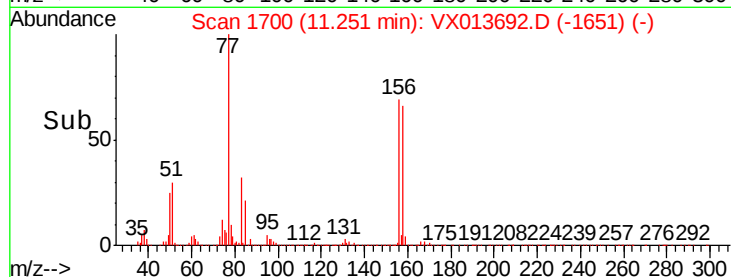
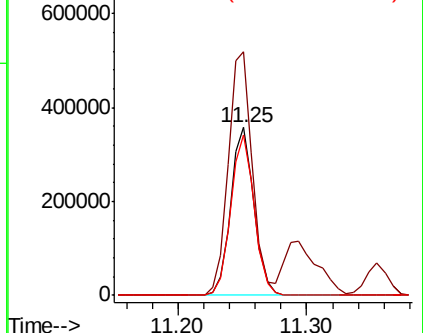
158 96.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.131 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013692.D

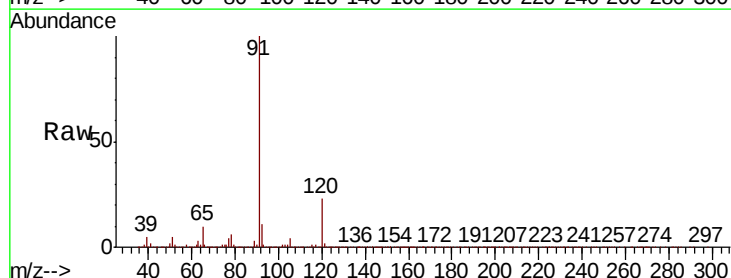
Acq: 29 Nov 2019 10:47

Tgt Ion: 91 Resp: 1988939

Ion Ratio Lower Upper

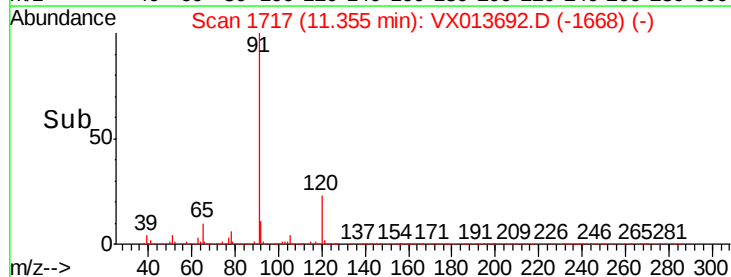
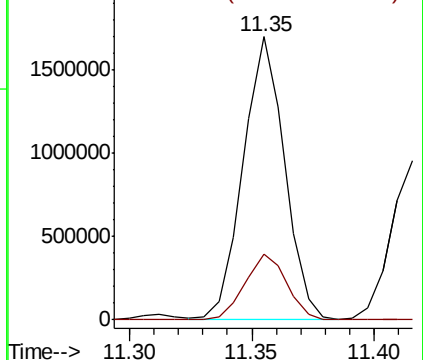
91 100

120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

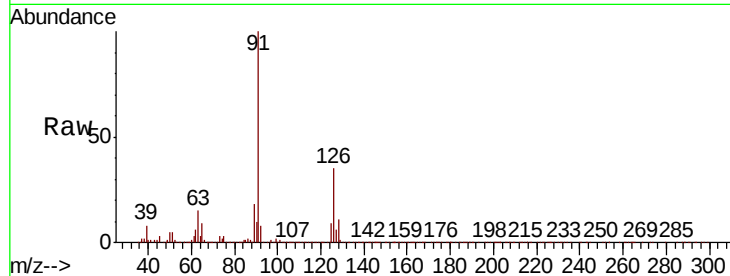




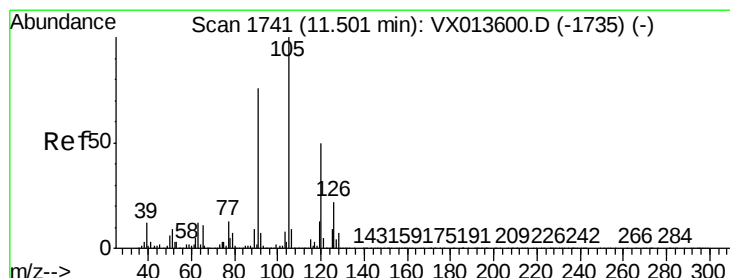
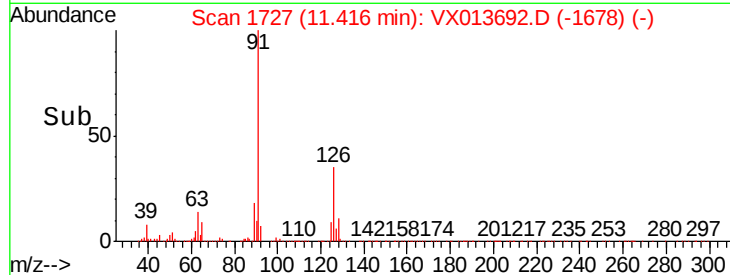
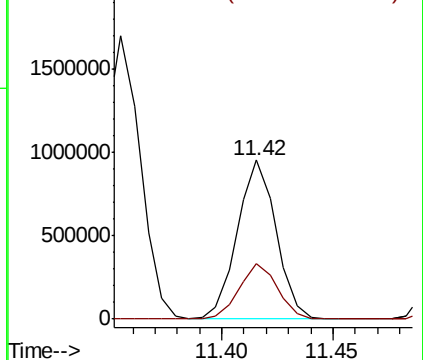
#79
2-Chlorotoluene
Concen: 48.452 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1153145
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5

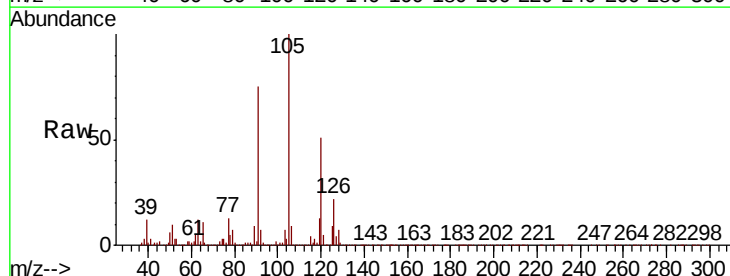


Abundance Ion 91.00 (90.70 to 91.70): VX0
2000000 Ion 125.90 (125.60 to 126.60): V

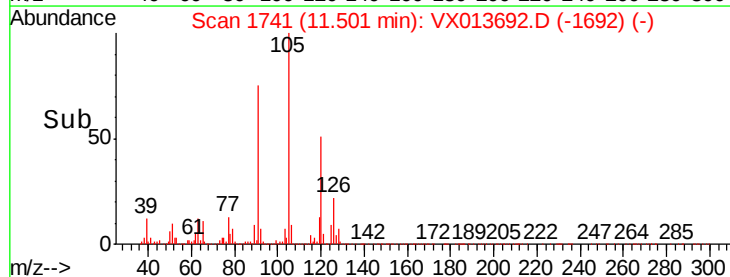
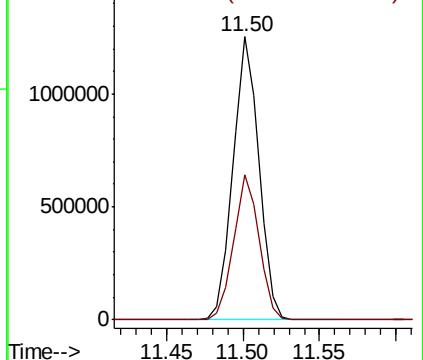


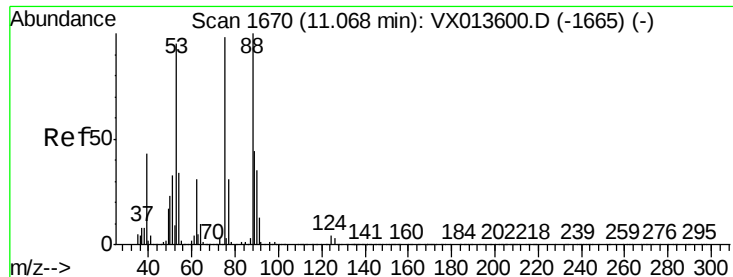
#80
1,3,5-Trimethylbenzene
Concen: 50.342 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion:105 Resp: 1466412
Ion Ratio Lower Upper
105 100
120 50.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V
1500000 Ion 120.00 (119.70 to 120.70): V

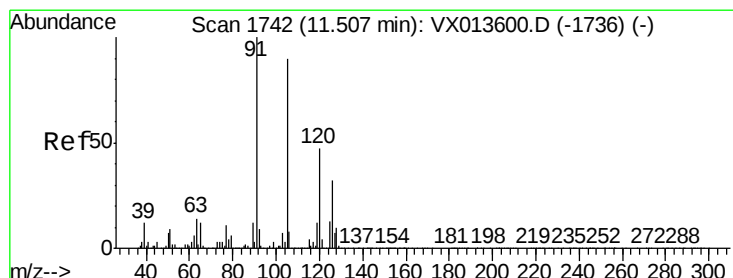
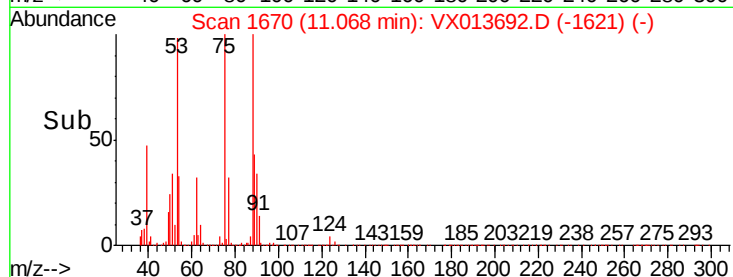
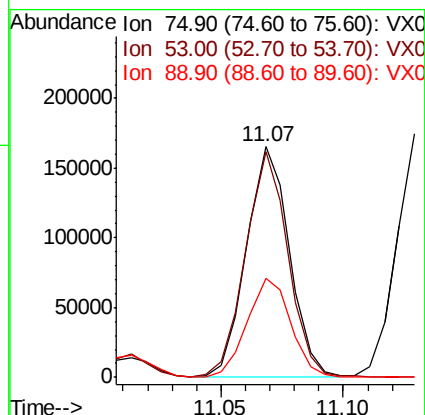
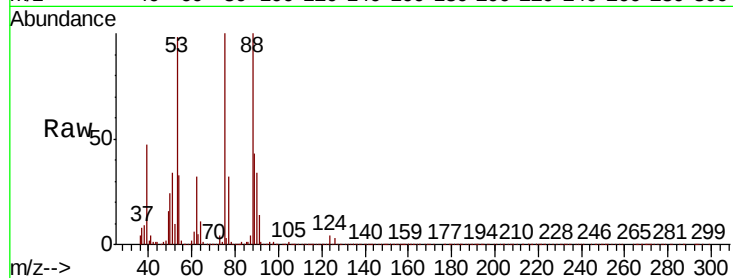




#81
trans-1,4-Dichloro-2-butene
Concen: 48.236 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

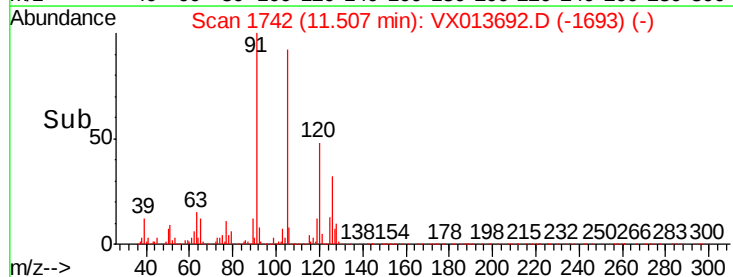
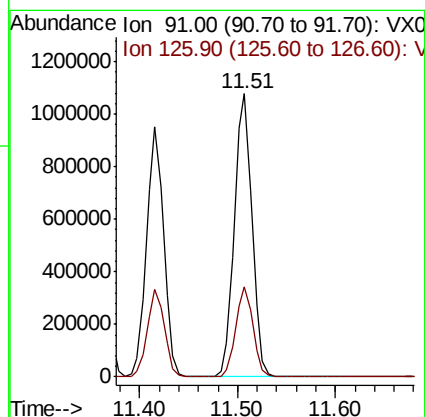
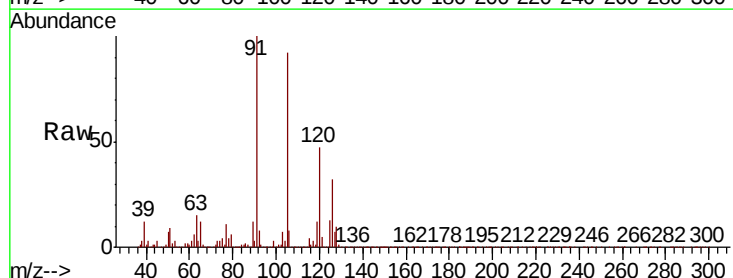
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

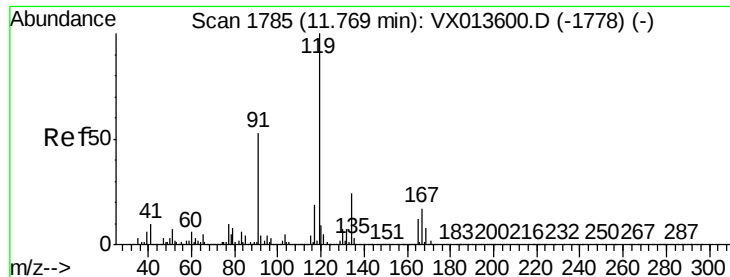
Tot Ion: 75 Resp: 200924
Ion Ratio Lower Upper
75 100
53 96.9 78.2 117.2
89 44.4 35.4 53.2



#82
4-Chlorotoluene
Concen: 48.905 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 91 Resp: 1348093
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0

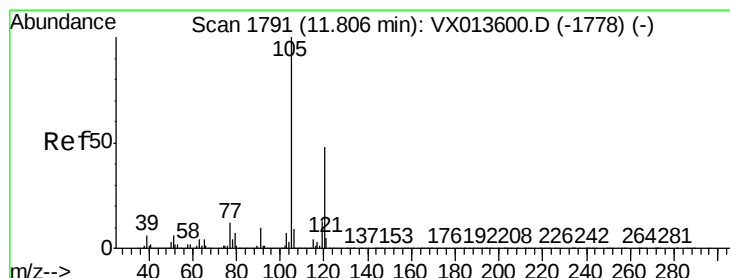
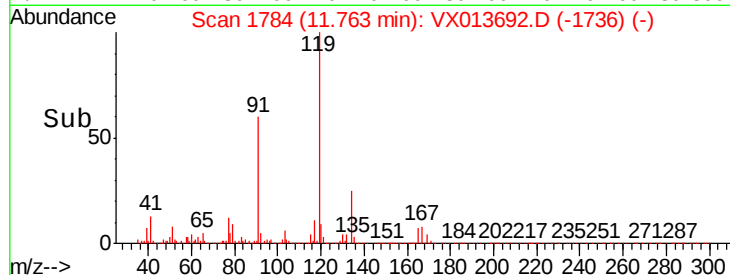
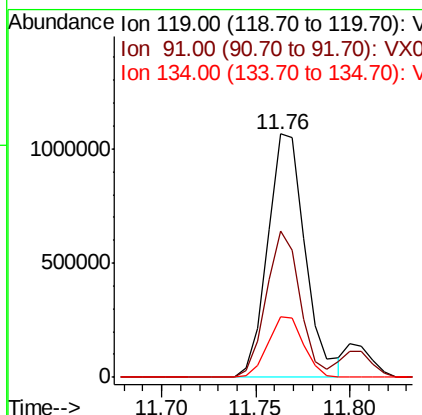
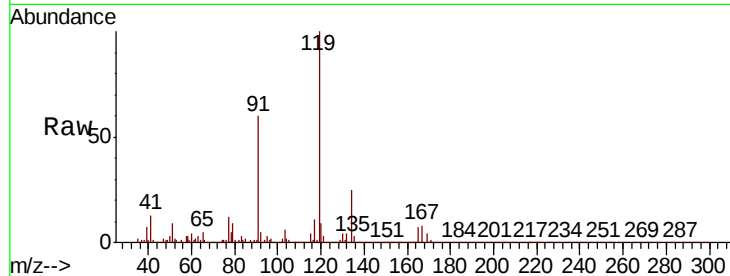




#83
tert-Butylbenzene
Concen: 49.681 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

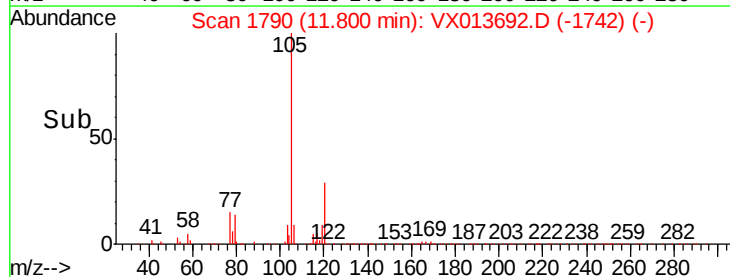
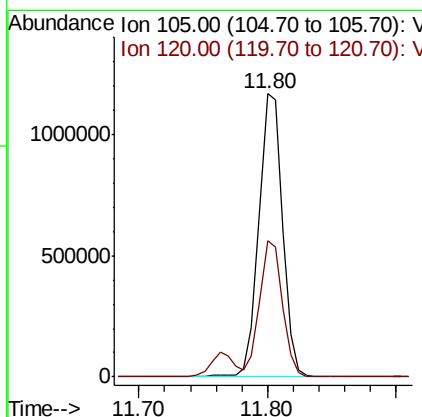
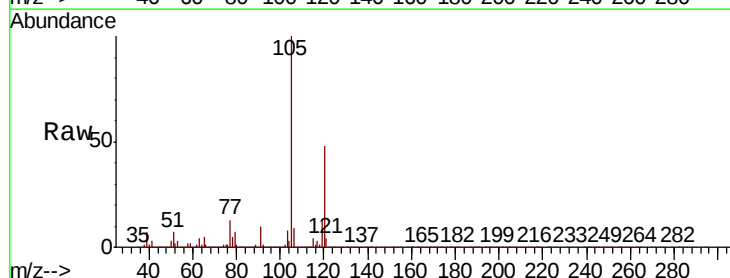
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

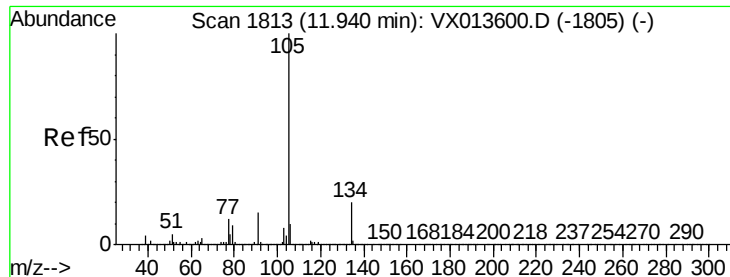
Tot Ion:119 Resp: 1470743
Ion Ratio Lower Upper
119 100
91 54.0 27.2 81.6
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 49.677 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion:105 Resp: 1468623
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.416 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

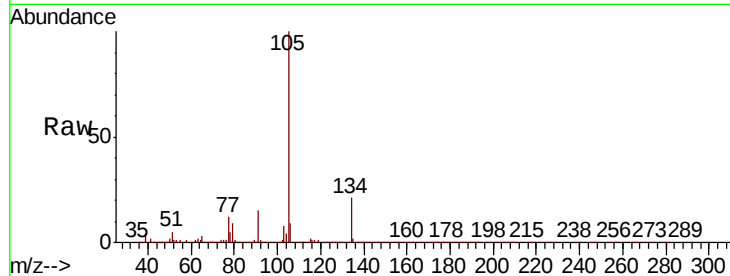
VSTDCCC050

Tot Ion:105 Resp: 1704753

Ion Ratio Lower Upper

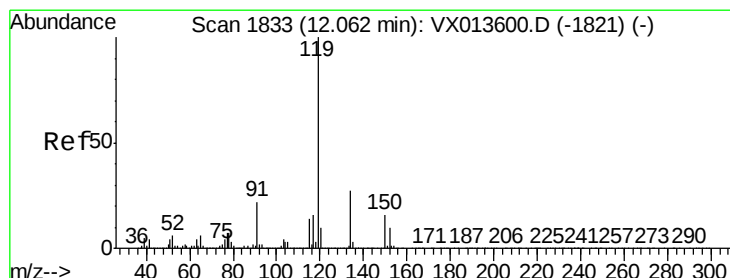
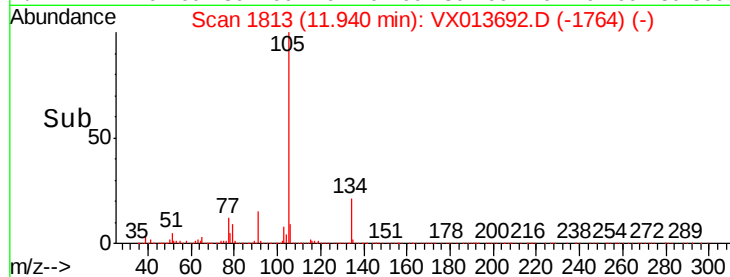
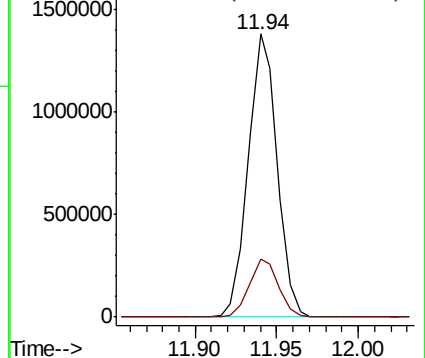
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.325 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

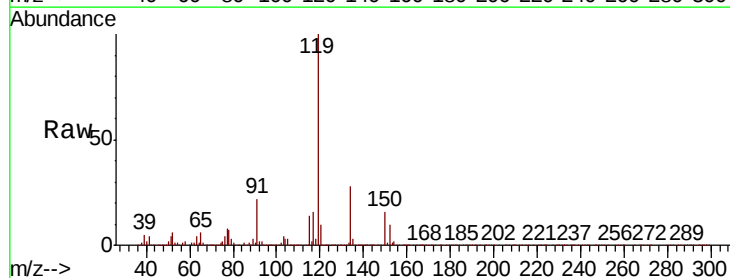
Tgt Ion:119 Resp: 1583086

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

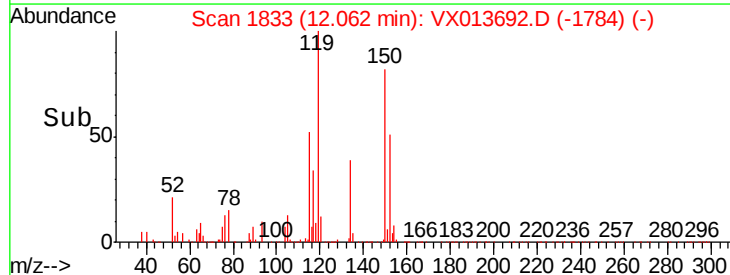
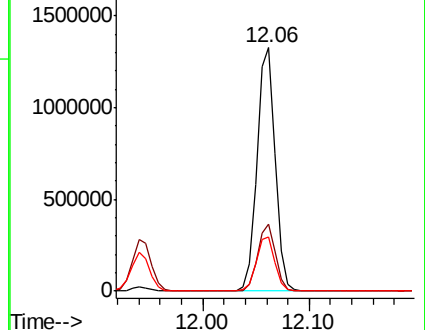
91 22.4 11.3 33.8

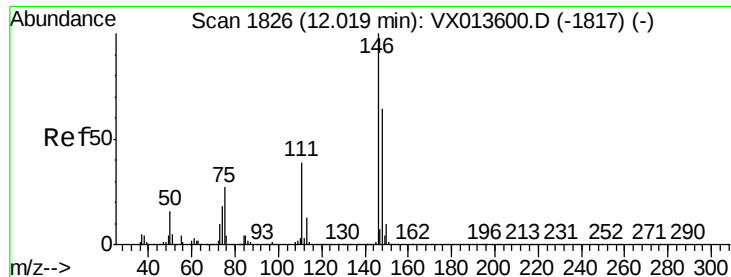


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

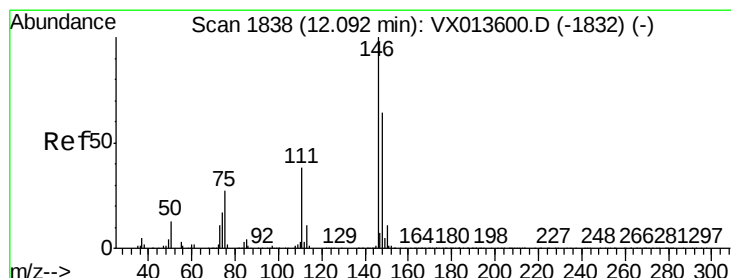
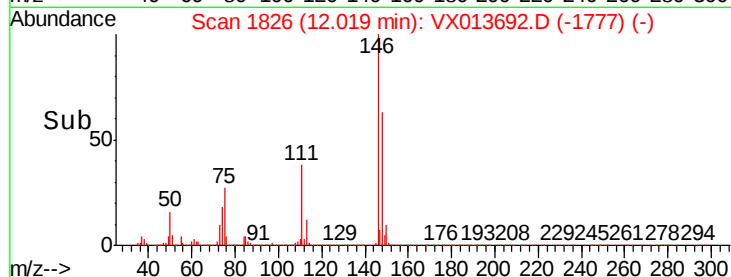
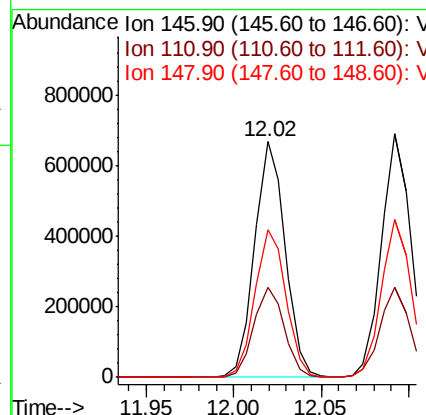
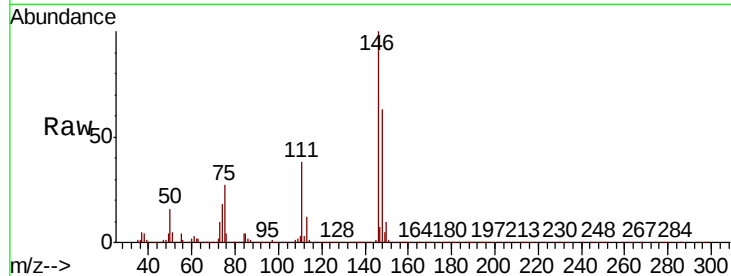




#87
 1,3-Dichlorobenzene
 Concen: 48.471 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

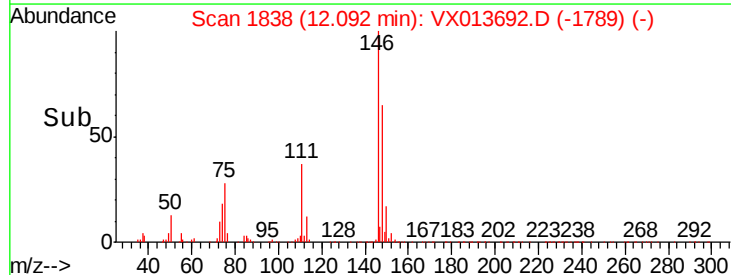
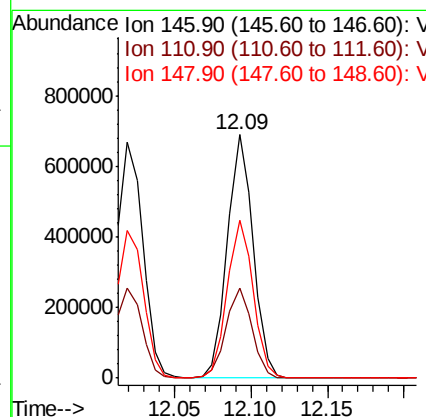
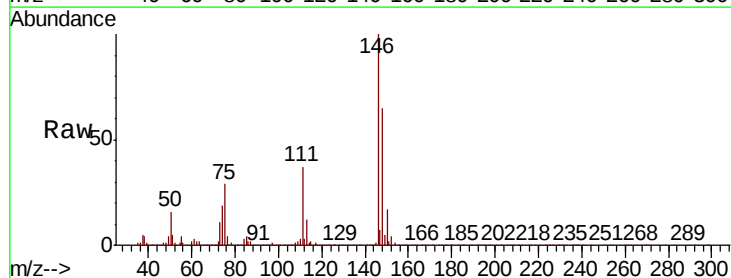
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

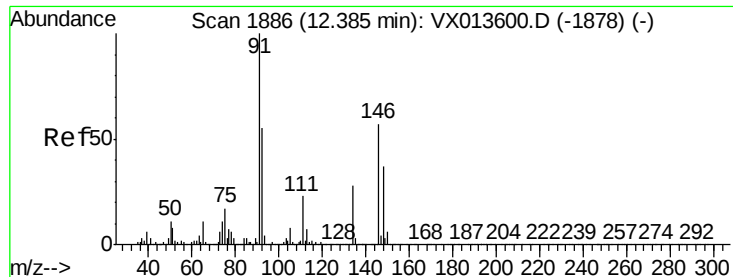
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.5	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.199 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	65.2	31.9	95.5

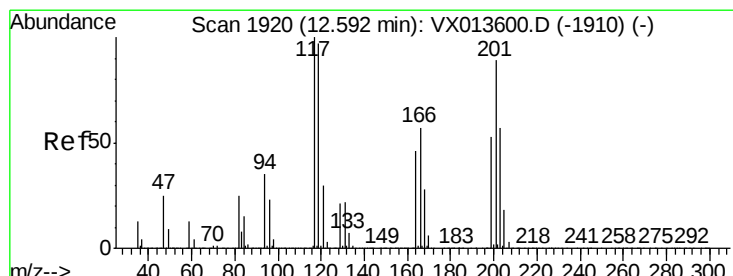
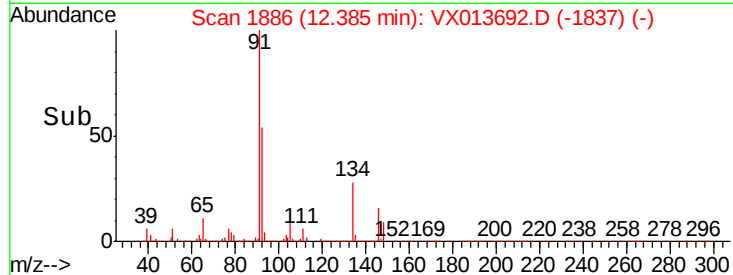
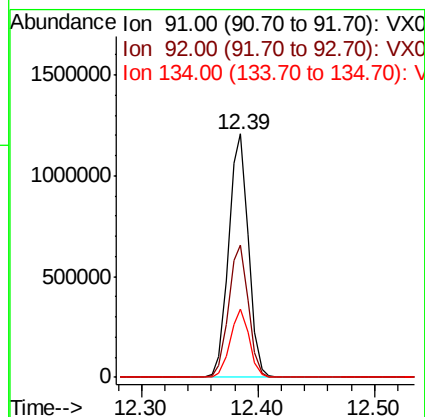
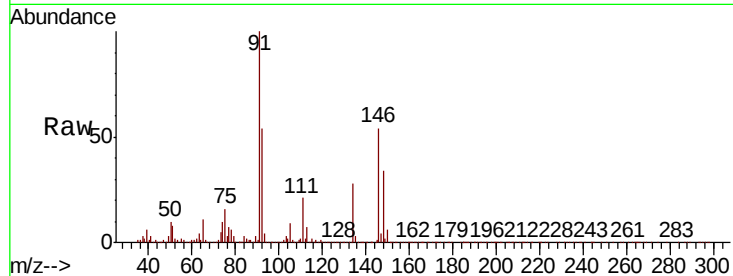




#89
n-Butylbenzene
Concen: 52.505 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

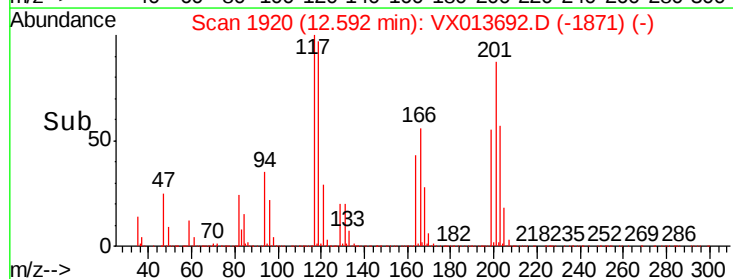
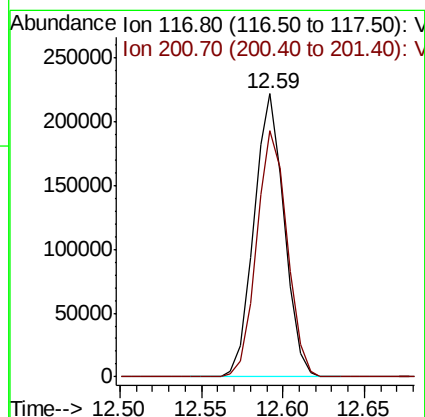
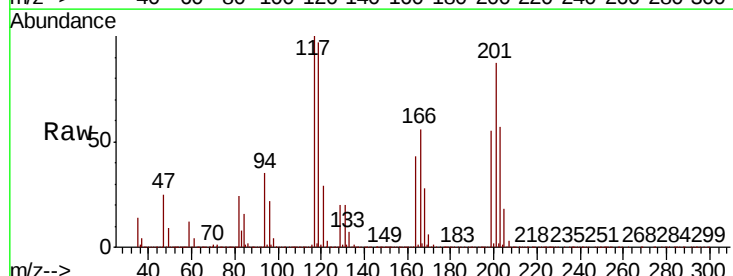
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

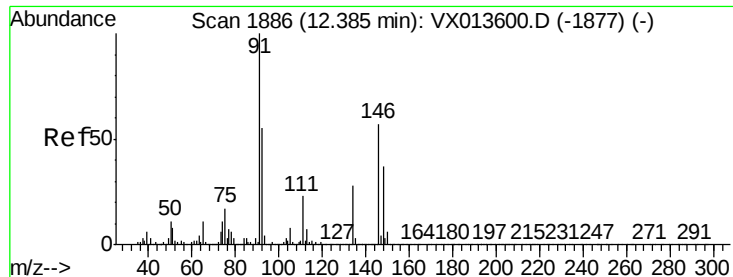
Tot Ion: 91 Resp: 1408686
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.2
134 27.1 13.5 40.4



#90
Hexachloroethane
Concen: 50.030 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013692.D
Acq: 29 Nov 2019 10:47

Tgt Ion: 117 Resp: 284470
Ion Ratio Lower Upper
117 100
201 88.3 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 49.099 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

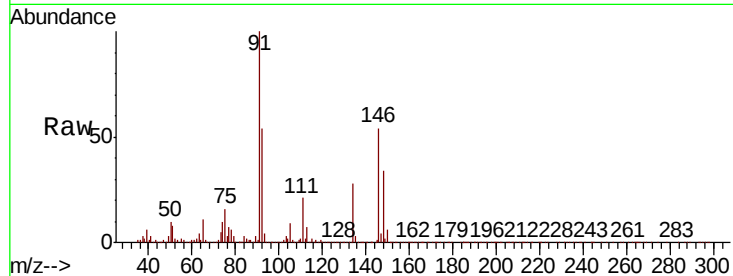
Tot Ion:146 Resp: 811938

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.7

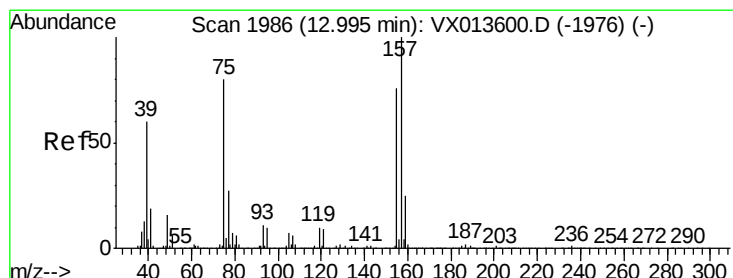
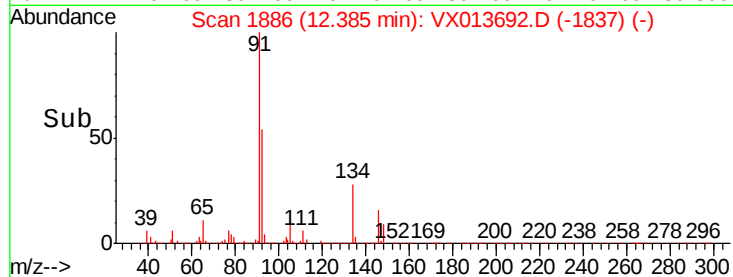
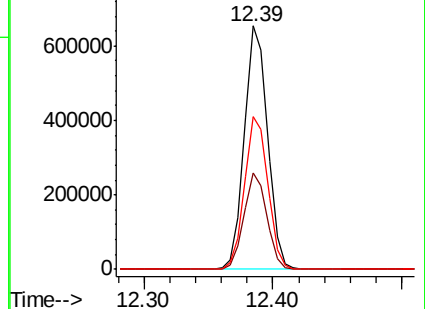
148 63.1 31.9 95.7



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: 45.987 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

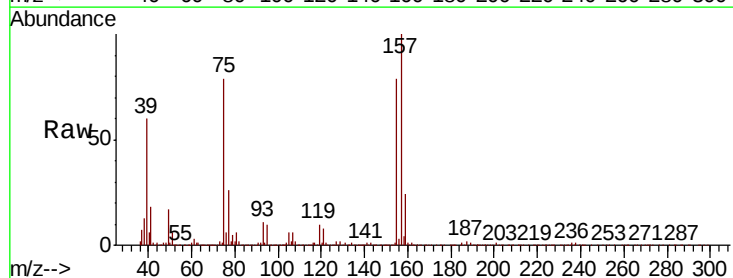
Tgt Ion: 75 Resp: 123431

Ion Ratio Lower Upper

75 100

155 99.4 47.6 142.8

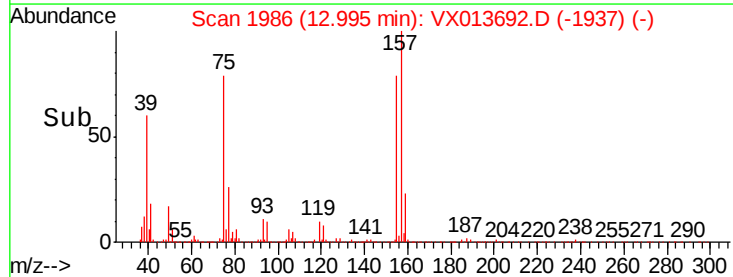
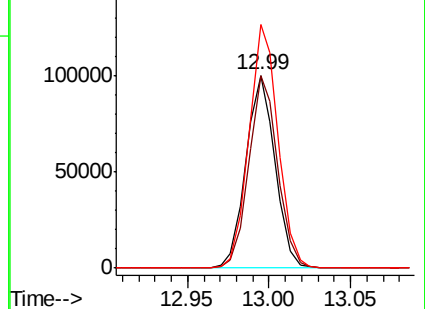
157 127.7 62.1 186.2

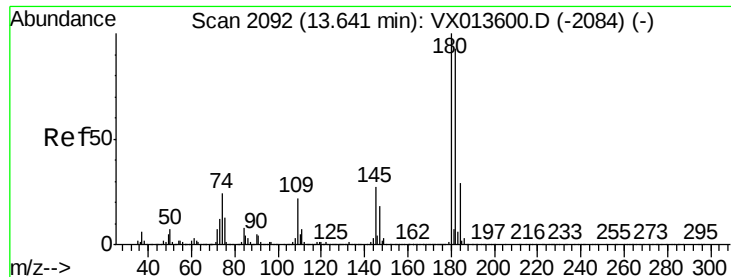


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

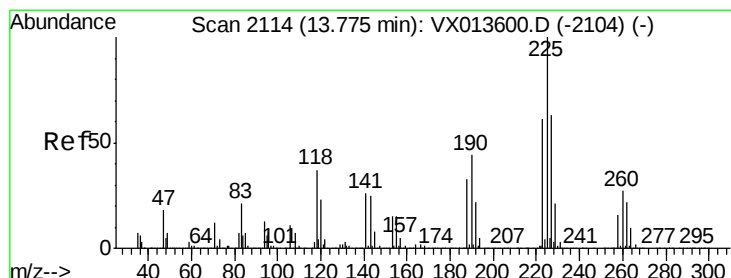
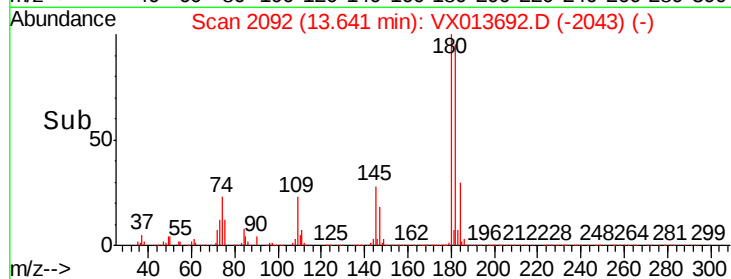
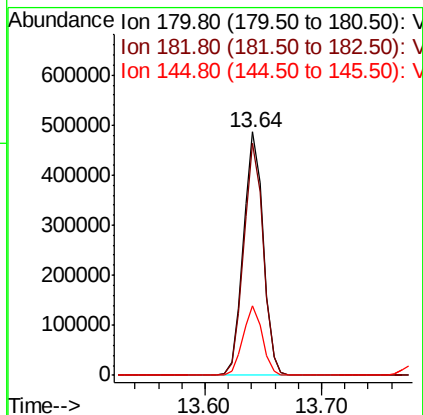
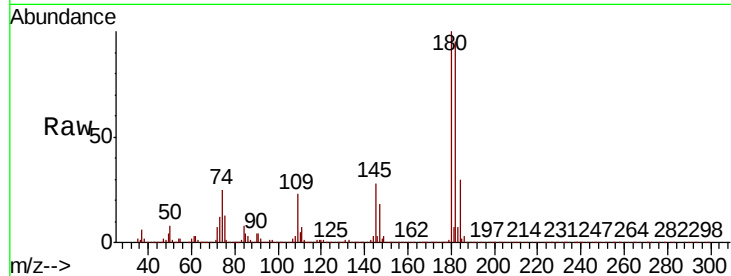




#93
 1,2,4-Trichlorobenzene
 Concen: 50.244 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

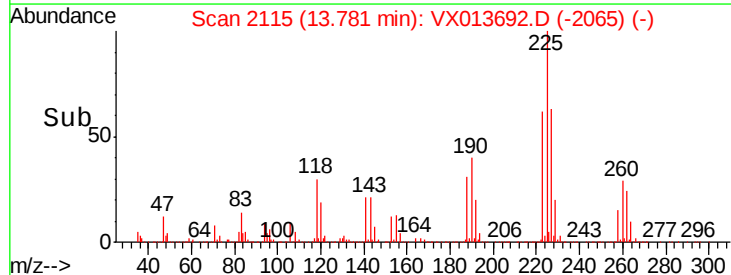
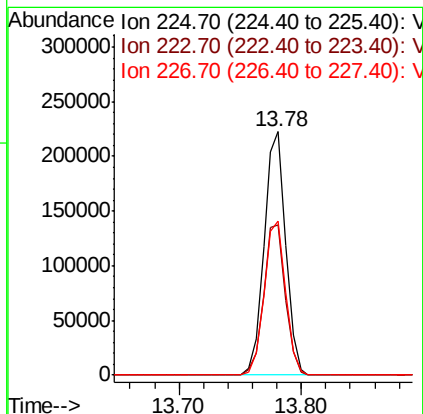
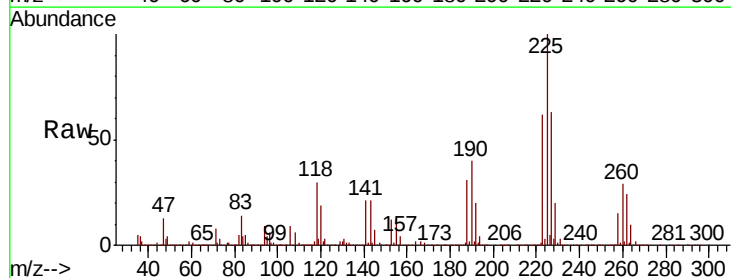
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

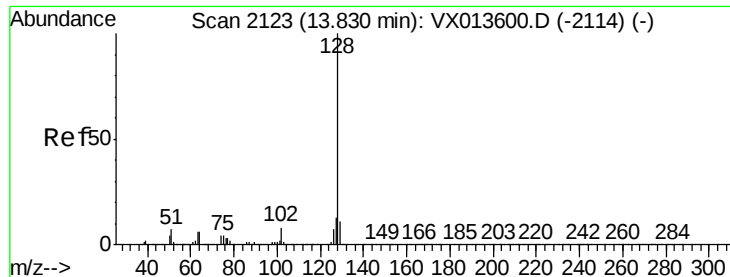
Tot Ion:180 Resp: 579064
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.2 141.6
 145 28.1 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 49.368 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013692.D
 Acq: 29 Nov 2019 10:47

Tgt Ion:225 Resp: 273319
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.5
 227 62.8 32.1 96.3





#95

Naphthalene

Concen: 49.828 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

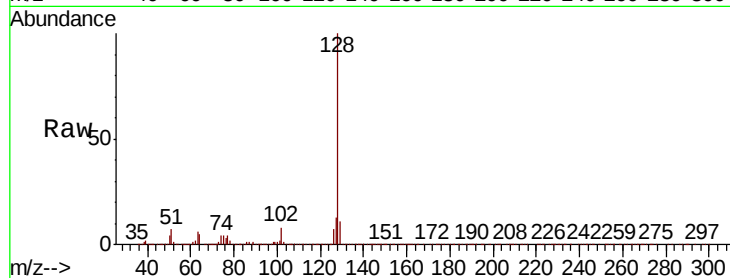
Tot Ion:128 Resp: 1710181

Ion Ratio Lower Upper

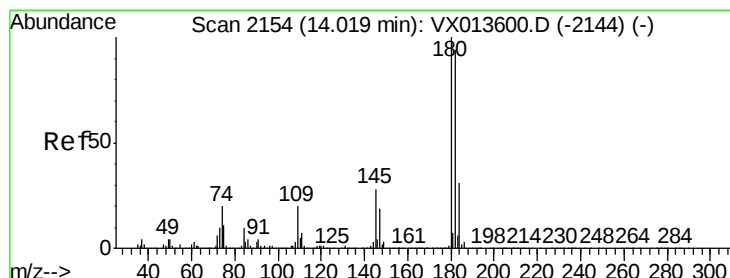
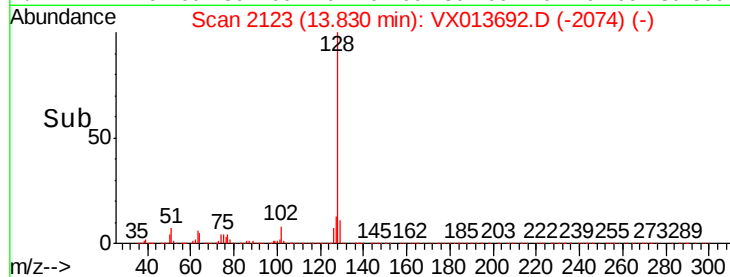
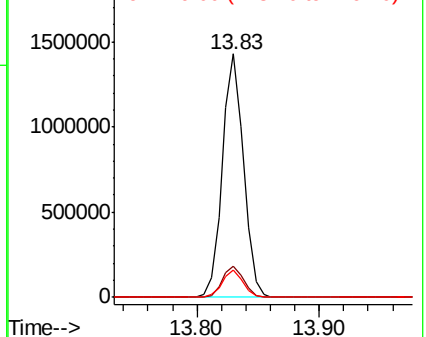
128 100

127 13.0 10.3 15.5

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.381 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013692.D

Acq: 29 Nov 2019 10:47

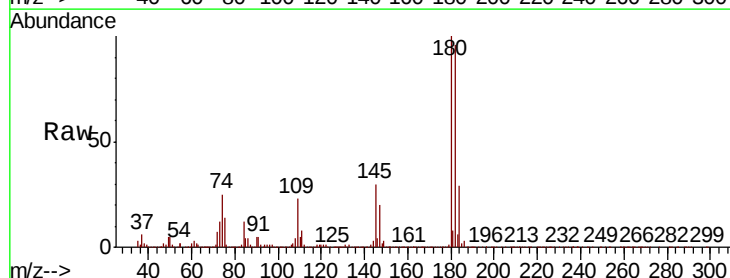
Tgt Ion:180 Resp: 563492

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.8

145 30.1 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

