

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX093019\
 Data File : VX012695.D
 Acq On : 30 Sep 2019 10:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 01 03:44:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	202908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	343297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	146832	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	136450	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
35) Dibromofluoromethane	5.48	113	104035	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	8.71	98	396616	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	155393	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	104742	45.886	ug/l	97
3) Chloromethane	1.31	50	111438	42.515	ug/l	99
4) Vinyl Chloride	1.40	62	119224	45.762	ug/l	97
5) Bromomethane	1.62	94	42404	41.396	ug/l	95
6) Chloroethane	1.71	64	76761	43.705	ug/l	98
7) Trichlorofluoromethane	1.92	101	170947	46.733	ug/l	97
8) Diethyl Ether	2.18	74	68034	45.385	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	108489	48.694	ug/l	96
10) Methyl Iodide	2.50	142	99418	43.115	ug/l	95
11) Tert butyl alcohol	3.03	59	154693	209.579	ug/l	100
12) 1,1-Dichloroethene	2.36	96	104270	47.795	ug/l	98
13) Acrolein	2.28	56	108114	262.411	ug/l	97
14) Allyl chloride	2.72	41	202118	46.696	ug/l	98
15) Acrylonitrile	3.13	53	325757	217.538	ug/l	98
16) Acetone	2.43	43	406552	259.767	ug/l	97
17) Carbon Disulfide	2.56	76	278263	45.497	ug/l	99
18) Methyl Acetate	2.76	43	156046	42.344	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	387854	46.969	ug/l	98
20) Methylene Chloride	2.84	84	121378	45.853	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	113365	46.904	ug/l	97
22) Diisopropyl ether	3.84	45	390611	46.704	ug/l	93
23) Vinyl Acetate	3.80	43	1706478	232.667	ug/l	98
24) 1,1-Dichloroethane	3.68	63	211233	46.464	ug/l	99
25) 2-Butanone	4.65	43	514438	229.243	ug/l	96
26) 2,2-Dichloropropane	4.56	77	191369	47.329	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	129602	46.214	ug/l	96
28) Bromochloromethane	5.00	49	76046	46.068	ug/l	98
29) Tetrahydrofuran	5.11	42	292945	214.177	ug/l	97
30) Chloroform	5.19	83	215000	46.225	ug/l	97
31) Cyclohexane	5.56	56	195174	47.455	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	194937	47.290	ug/l	99
36) 1,1-Dichloropropene	5.78	75	160171	48.405	ug/l	97
37) Ethyl Acetate	4.81	43	177975	46.005	ug/l	98
38) Carbon Tetrachloride	5.77	117	168219	50.045	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	198526	49.836	ug/l	98
40) Benzene	6.13	78	472834	48.565	ug/l	98
41) Methacrylonitrile	5.03	41	96636	44.521	ug/l	96
42) 1,2-Dichloroethane	6.18	62	177575	48.030	ug/l	99
43) Isopropyl Acetate	6.43	43	300102	46.387	ug/l	98
44) Trichloroethene	7.20	130	123455	49.601	ug/l	92
45) 1,2-Dichloropropane	7.50	63	123279	49.457	ug/l	98
46) Dibromomethane	7.65	93	81822	48.212	ug/l	97
47) Bromodichloromethane	7.89	83	168990	49.821	ug/l	98
48) Methyl methacrylate	7.76	41	145341	46.853	ug/l	94
49) 1,4-Dioxane	7.73	88	62695	891.051	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	898084	224.886	ug/l	96
52) Toluene	8.78	92	301663	49.298	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	193817	51.645	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	208108	50.788	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	120766	49.640	ug/l	98
56) Ethyl methacrylate	9.17	69	200771	49.123	ug/l	93
57) 1,3-Dichloropropane	9.36	76	207116	48.644	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	469537	255.933	ug/l	99
59) 2-Hexanone	9.48	43	719853	235.494	ug/l	95
60) Dibromochloromethane	9.57	129	130060	52.812	ug/l	100
61) 1,2-Dibromoethane	9.67	107	125044	49.388	ug/l	100
64) Tetrachloroethene	9.33	164	113775	53.139	ug/l	92
65) Chlorobenzene	10.14	112	315591	48.803	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	119708	51.091	ug/l	99
67) Ethyl Benzene	10.25	91	586306	49.988	ug/l	99
68) m/p-Xylenes	10.35	106	437445	99.563	ug/l	100
69) o-Xylene	10.70	106	210800	49.584	ug/l	99
70) Styrene	10.71	104	368315	51.678	ug/l	99
71) Bromoform	10.85	173	88010	53.945	ug/l #	99
73) Isopropylbenzene	11.01	105	574961	48.078	ug/l	100
74) N-amyl acetate	10.89	43	266998	46.798	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	183406	46.307	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	222631	57.319	ug/l	86
77) Bromobenzene	11.25	156	127823	47.226	ug/l	97
78) n-propylbenzene	11.35	91	654996	48.649	ug/l	100
79) 2-Chlorotoluene	11.42	91	391565	46.621	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	489702	48.831	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63633	46.950	ug/l	96
82) 4-Chlorotoluene	11.51	91	464633	48.529	ug/l	98
83) tert-Butylbenzene	11.76	119	468482	48.427	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	491140	48.548	ug/l	99
85) sec-Butylbenzene	11.94	105	556113	49.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	512170	50.447	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	243123	49.913	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	244291	49.632	ug/l	99
89) n-Butylbenzene	12.38	91	446170	49.871	ug/l	99
90) Hexachloroethane	12.59	117	90806	50.168	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	240628	49.344	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45699	46.126	ug/l	98

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QLast Update : Mon Sep 23 12:27:01 2019
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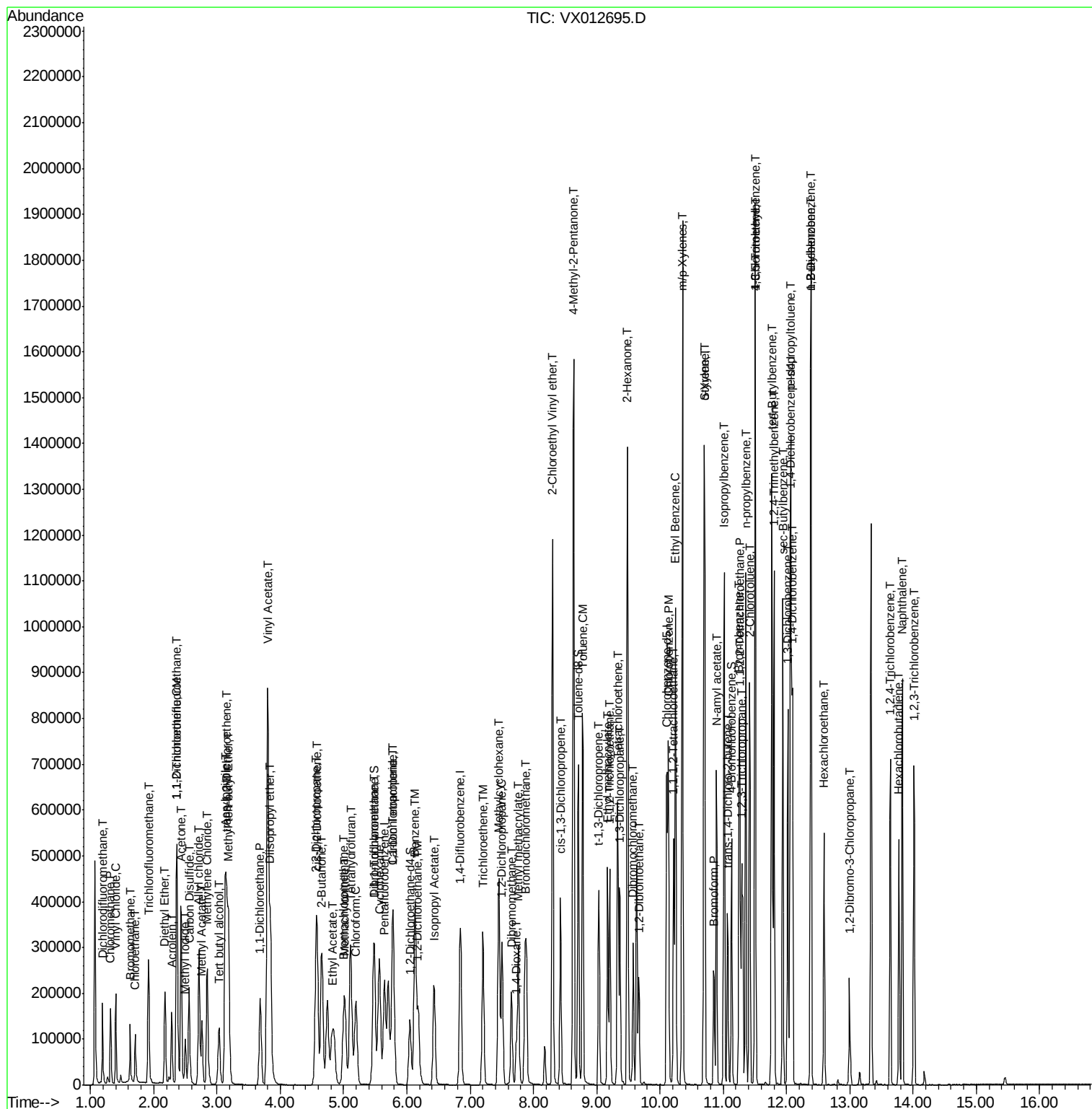
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	152996	51.445	ug/l	100
94) Hexachlorobutadiene	13.77	225	69154	54.052	ug/l	100
95) Naphthalene	13.83	128	527116	48.989	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	150831	50.630	ug/l	98

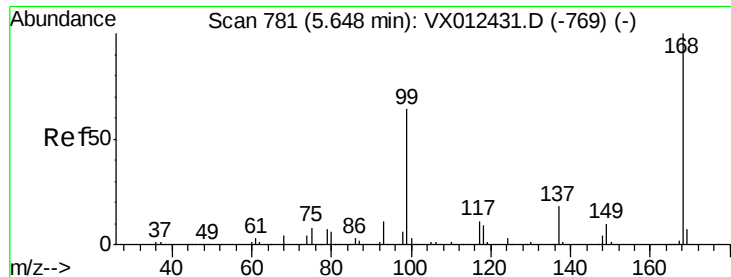
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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```

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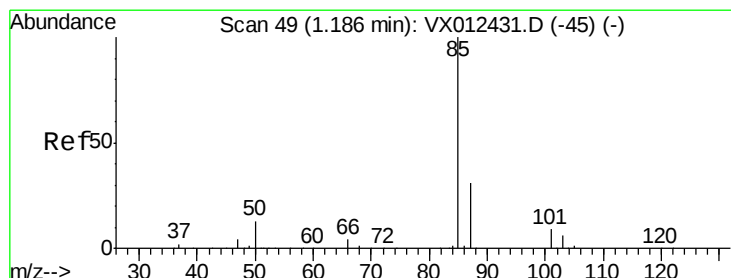
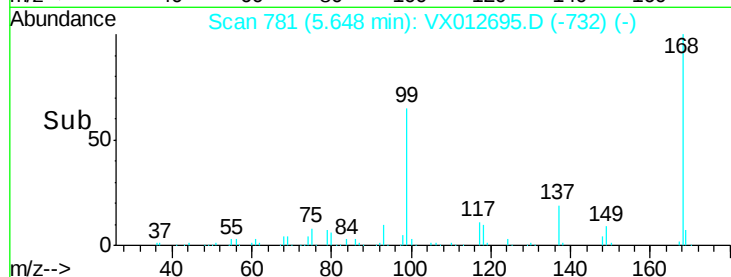
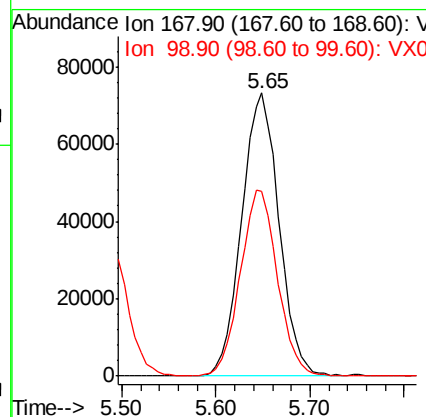
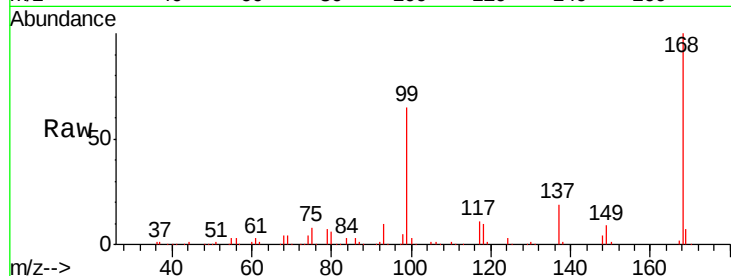




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012695.D
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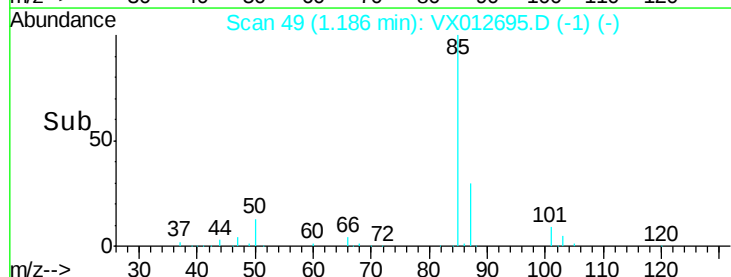
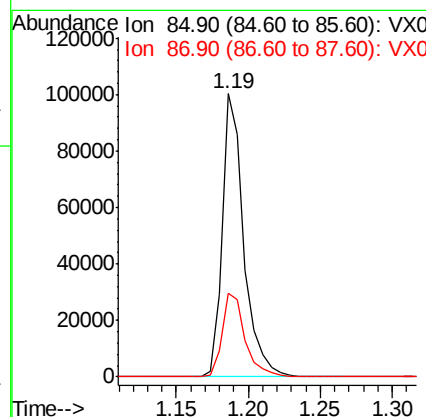
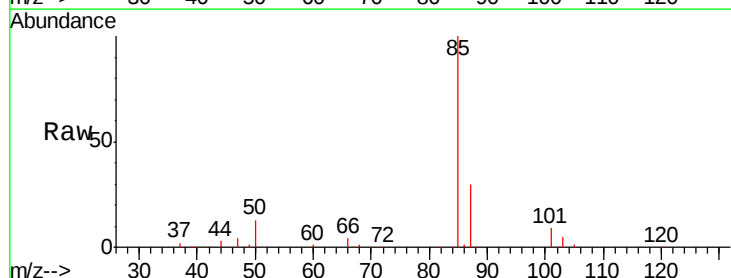
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

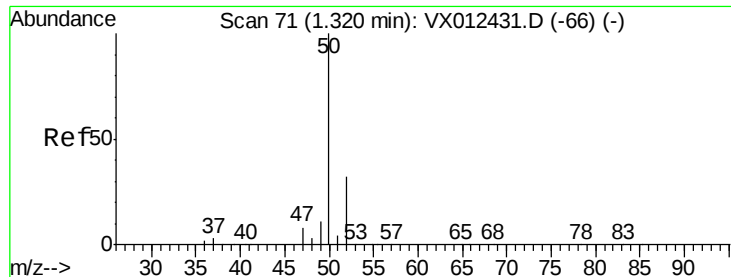
Tgt Ion: 168 Resp: 202908
Ion Ratio Lower Upper
168 100
99 65.0 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 45.886 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion: 85 Resp: 104742
Ion Ratio Lower Upper
85 100
87 29.6 15.6 46.8





#3

Chloromethane

Concen: 42.515 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

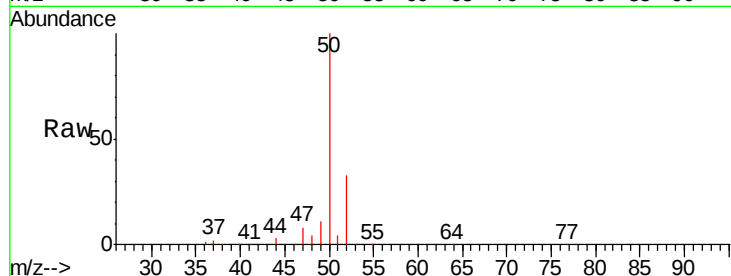
VSTDCCC050

Tgt Ion: 50 Resp: 111438

Ion Ratio Lower Upper

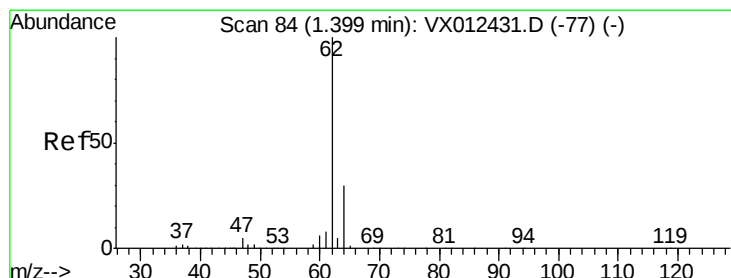
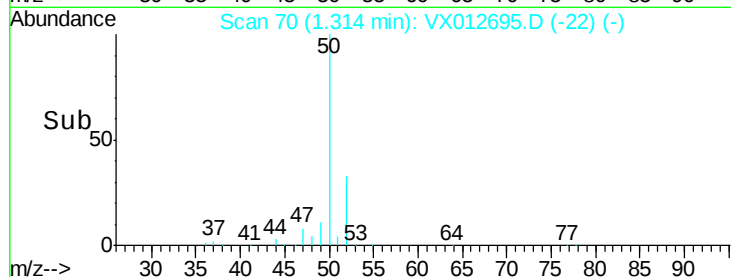
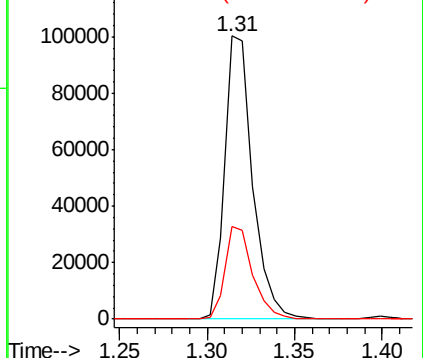
50 100

52 32.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.762 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012695.D

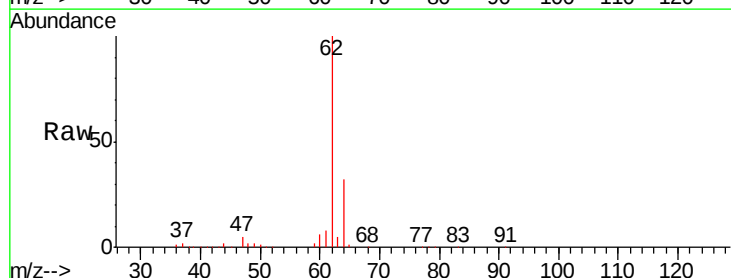
Acq: 30 Sep 2019 10:22

Tgt Ion: 62 Resp: 119224

Ion Ratio Lower Upper

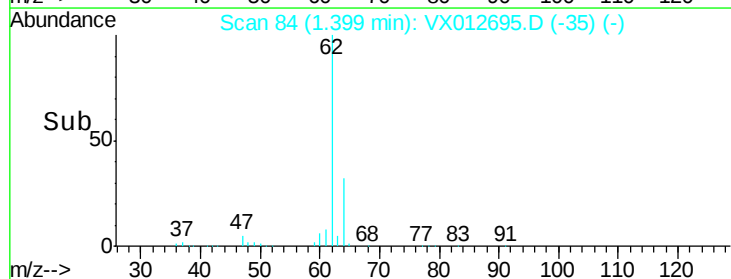
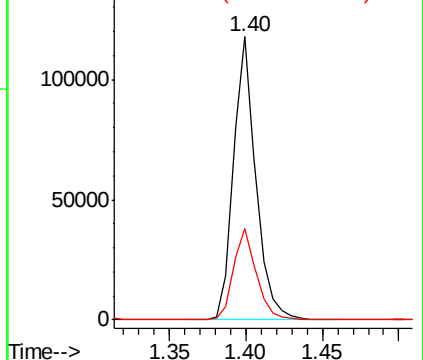
62 100

64 32.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.396 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

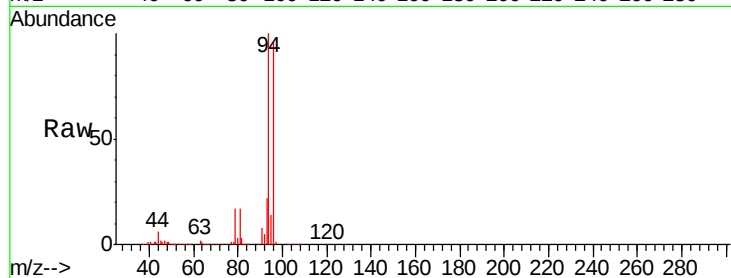
VSTDCCC050

Tgt Ion: 94 Resp: 42404

Ion Ratio Lower Upper

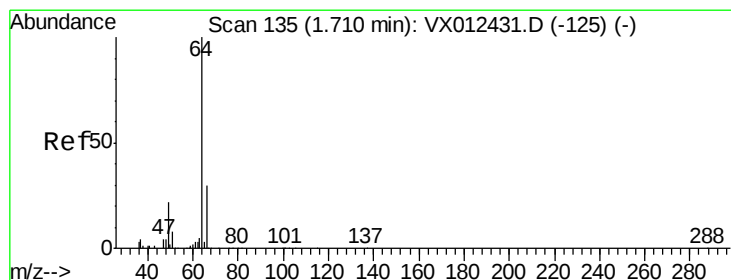
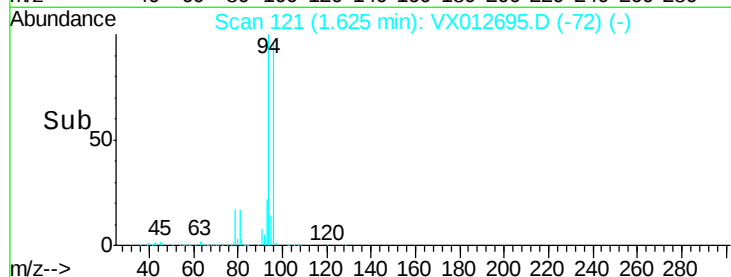
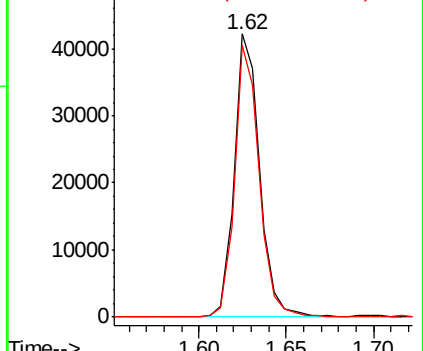
94 100

96 95.9 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.705 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012695.D

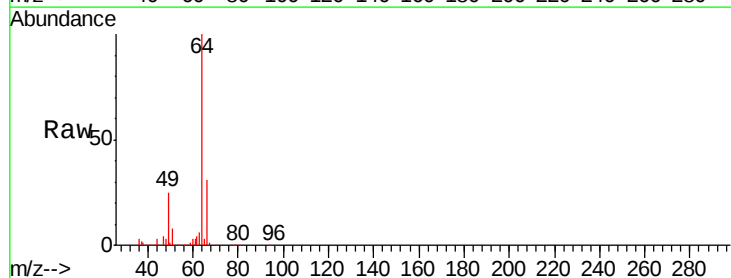
Acq: 30 Sep 2019 10:22

Tgt Ion: 64 Resp: 76761

Ion Ratio Lower Upper

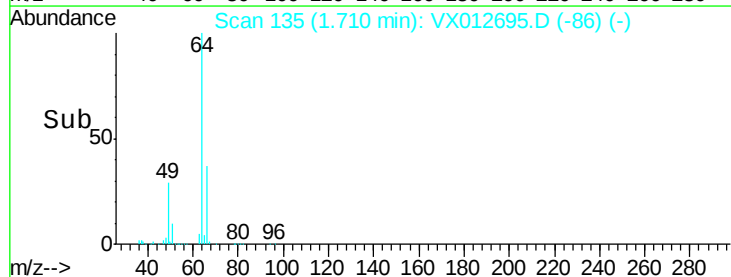
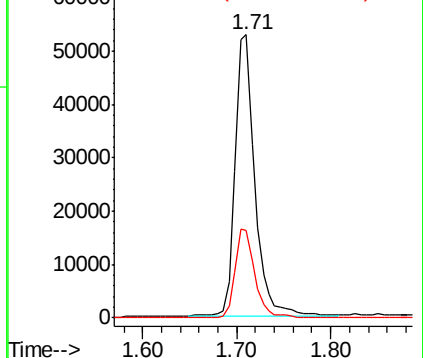
64 100

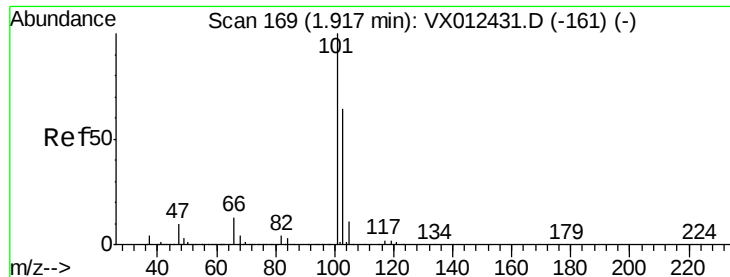
66 31.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



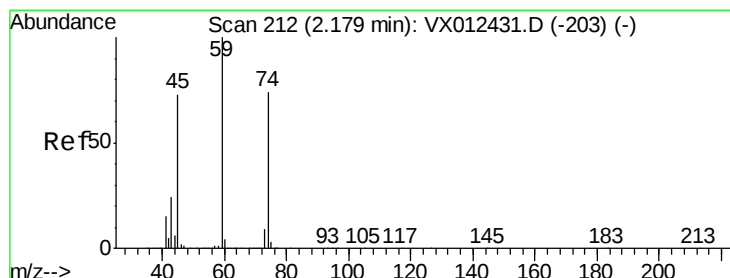
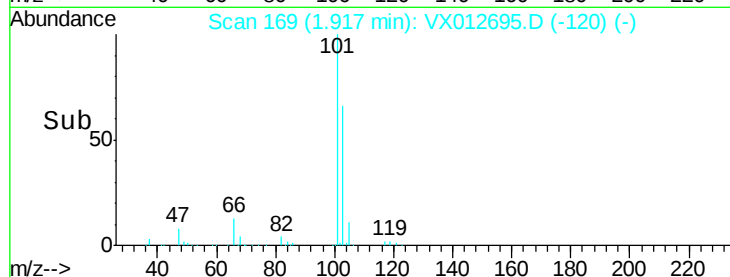
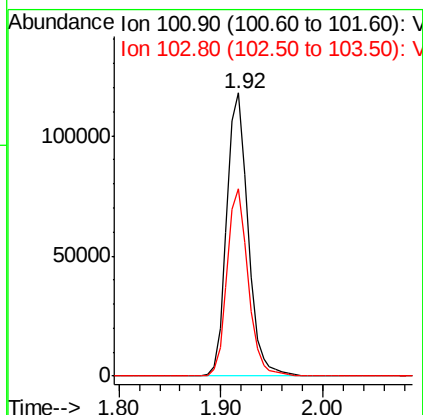
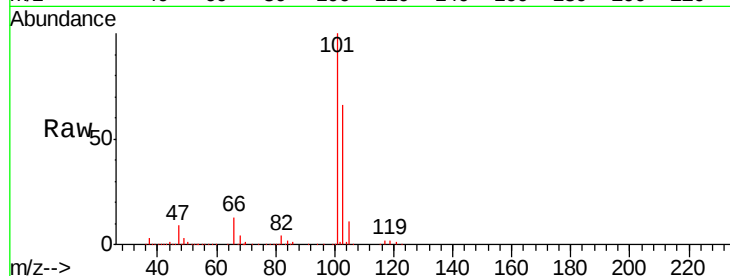


#7

Trichlorofluoromethane
 Concen: 46.733 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Instrument :
 MSVOA_X
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 VSTDCCC050

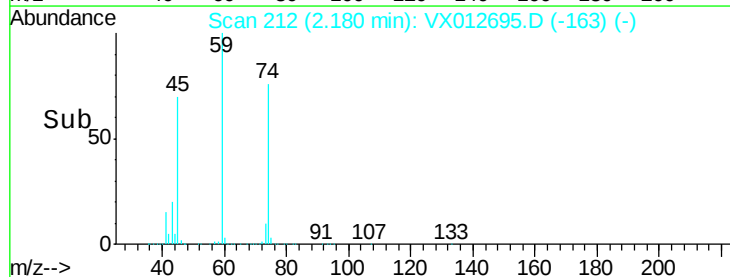
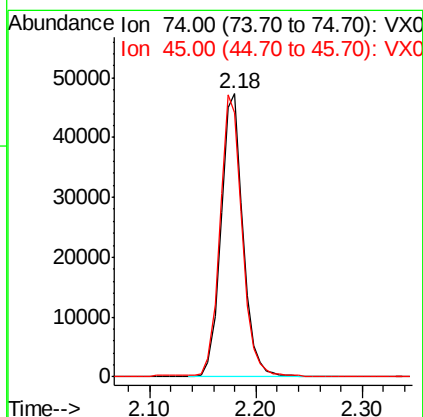
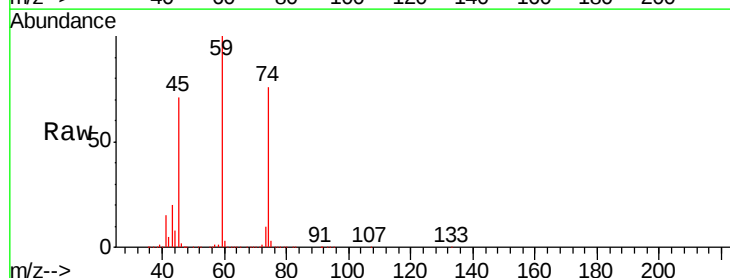
Tgt Ion:101 Resp: 170947
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.0 76.4

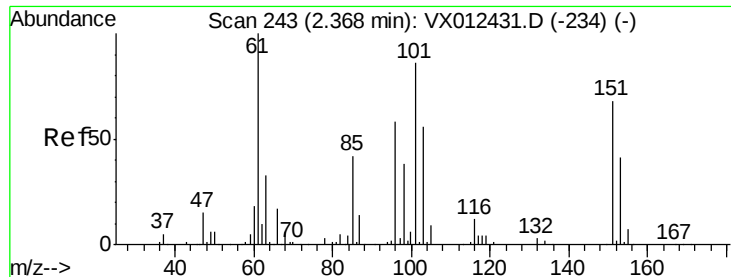


#8

Diethyl Ether
 Concen: 45.385 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Tgt Ion: 74 Resp: 68034
 Ion Ratio Lower Upper
 74 100
 45 100.0 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.694 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

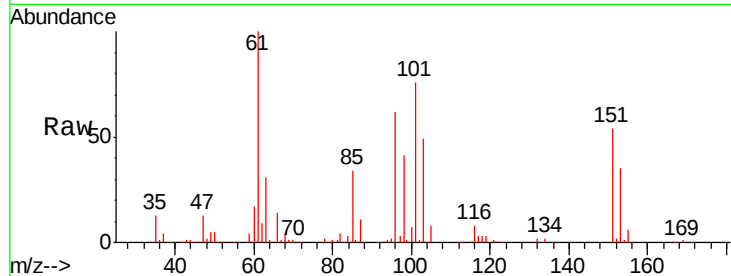
Tgt Ion:101 Resp: 108489

Ion Ratio Lower Upper

101 100

85 44.7 37.3 55.9

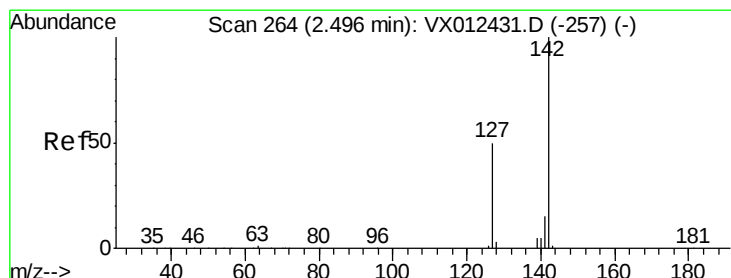
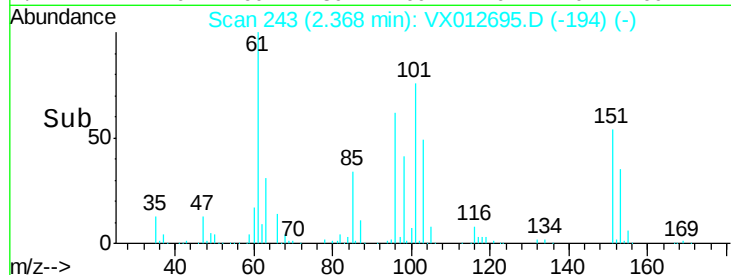
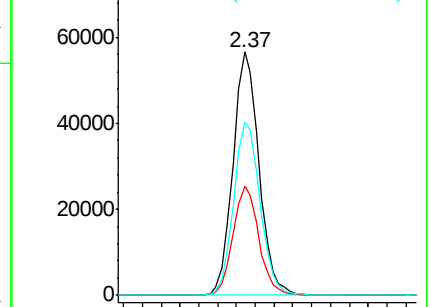
151 72.8 61.0 91.4



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: 43.115 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

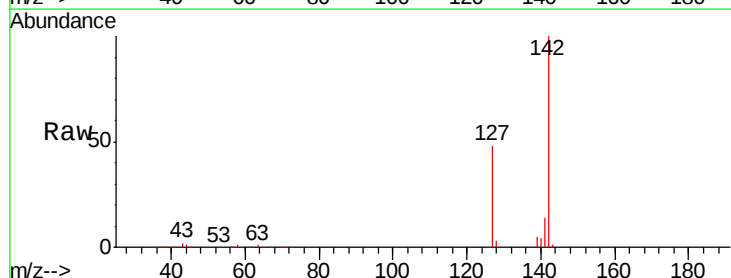
Tgt Ion:142 Resp: 99418

Ion Ratio Lower Upper

142 100

127 47.2 40.8 61.2

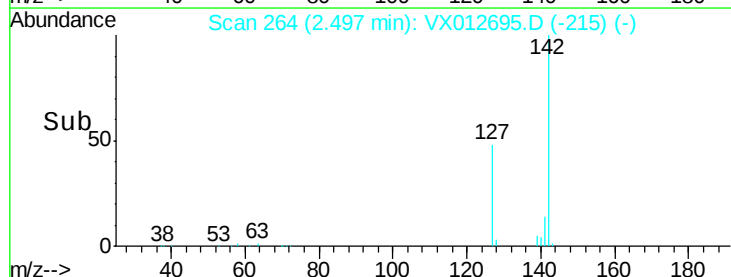
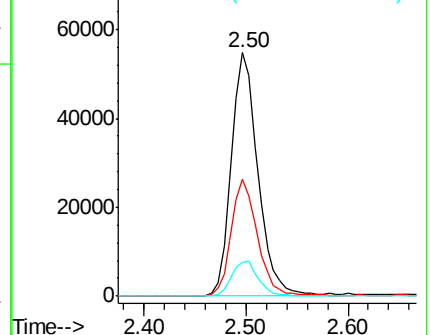
141 14.5 12.1 18.1

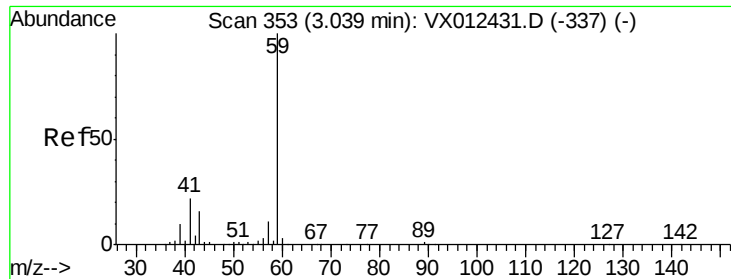


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

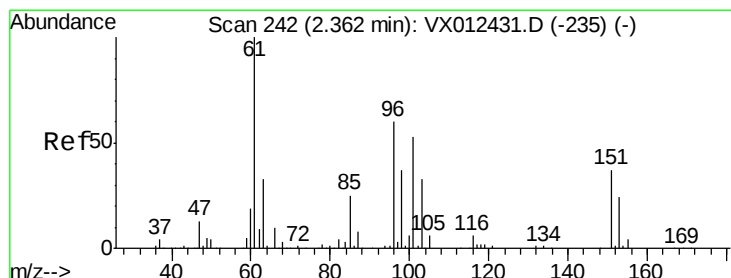
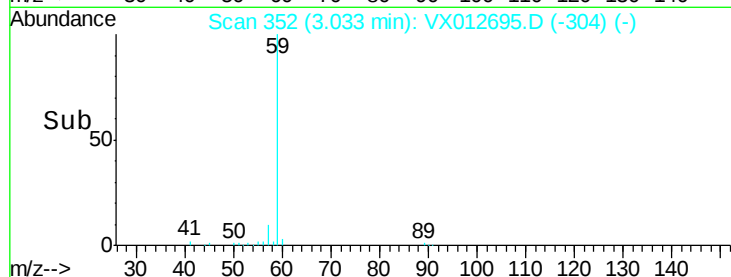
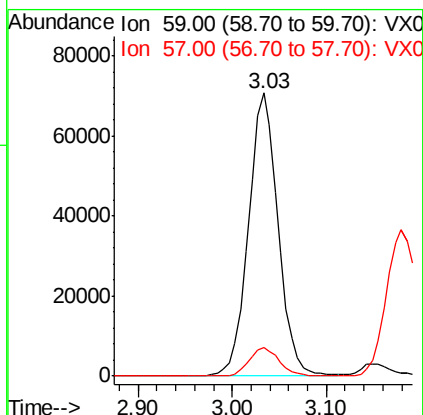
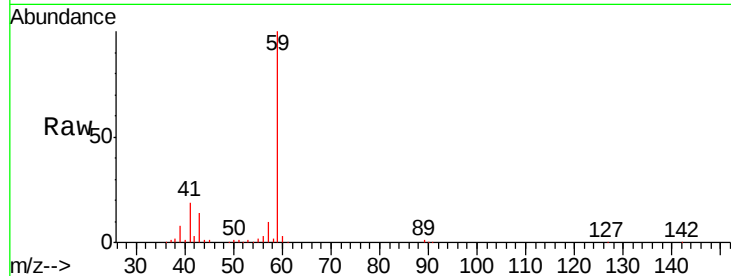




#11
Tert butyl alcohol
Concen: 209.579 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

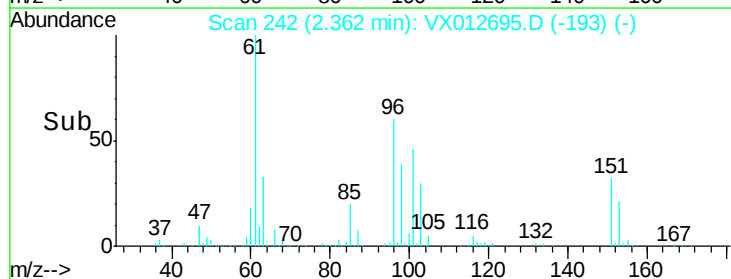
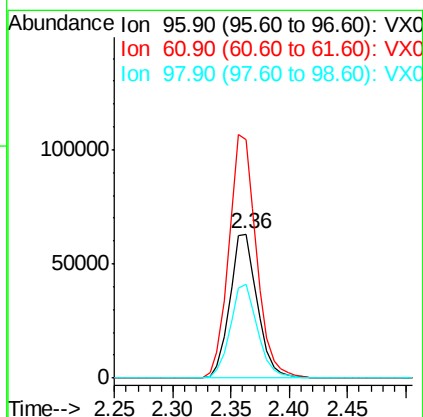
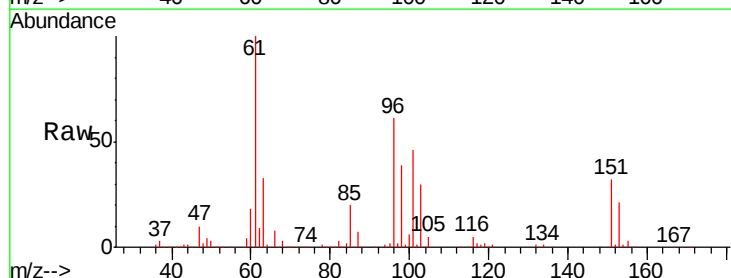
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

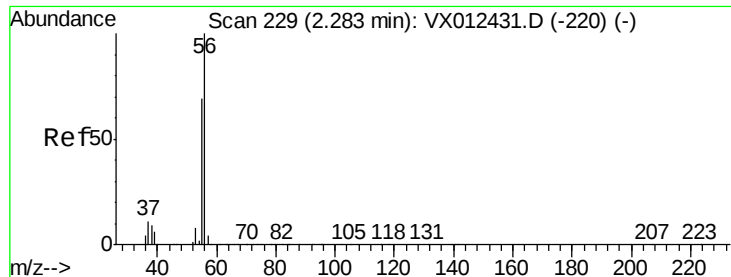
Tgt Ion: 59 Resp: 154693
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.795 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion: 96 Resp: 104270
Ion Ratio Lower Upper
96 100
61 165.2 133.8 200.6
98 64.7 49.9 74.9

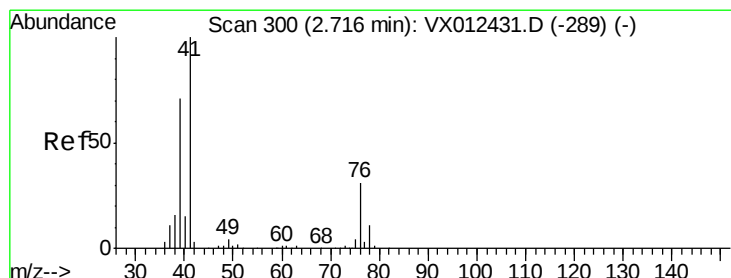
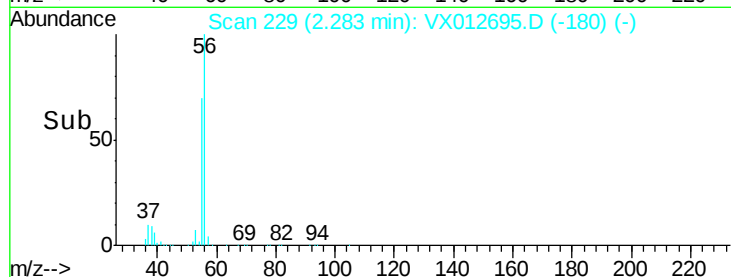
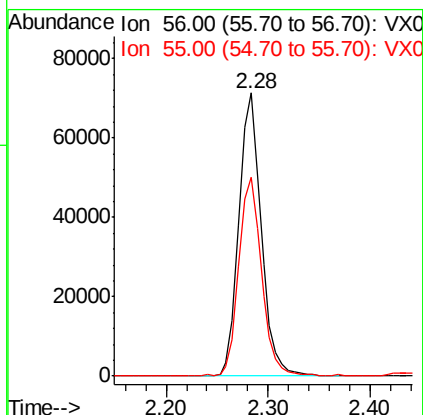
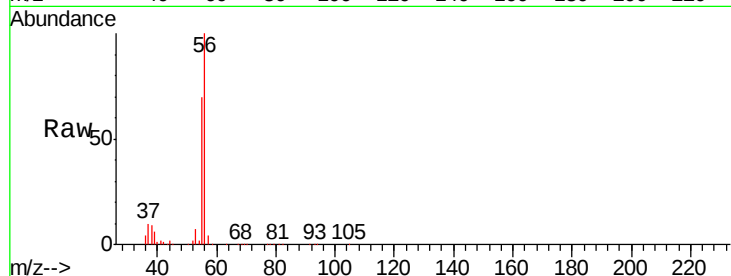




#13
Acrolein
Concen: 262.411 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

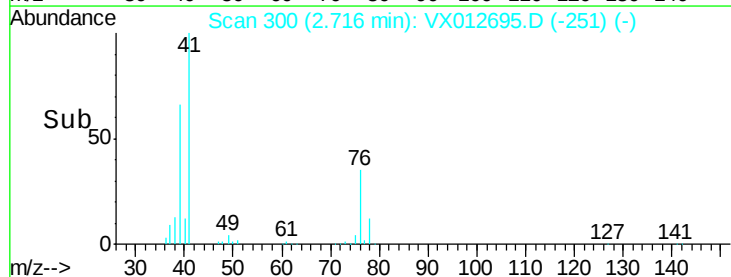
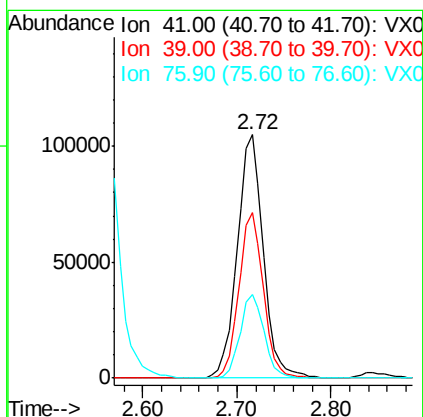
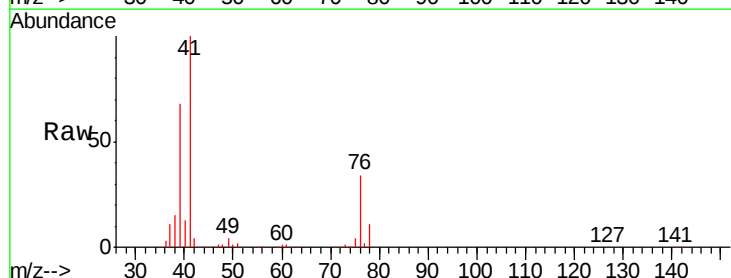
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

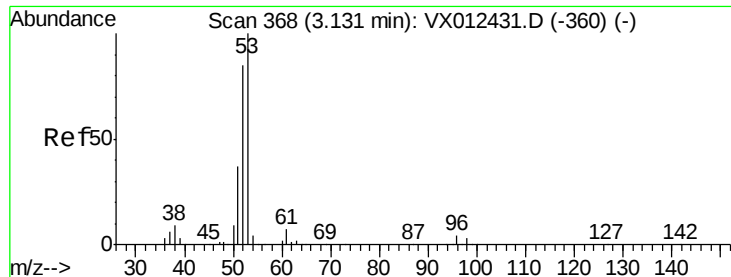
Tgt Ion: 56 Resp: 108114
Ion Ratio Lower Upper
56 100
55 72.2 55.8 83.8



#14
Allyl chloride
Concen: 46.696 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion: 41 Resp: 202118
Ion Ratio Lower Upper
41 100
39 64.0 51.3 76.9
76 31.7 22.6 33.8





#15

Acrylonitrile

Concen: 217.538 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

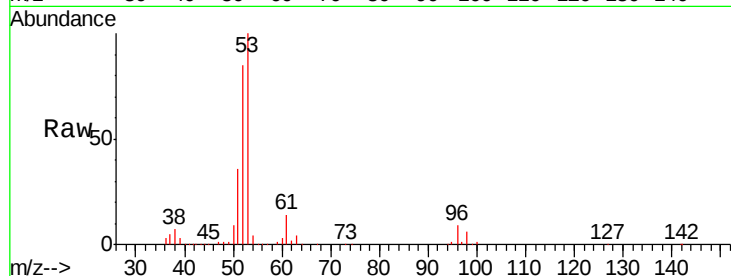
Tgt Ion: 53 Resp: 325757

Ion Ratio Lower Upper

53 100

52 82.2 67.0 100.4

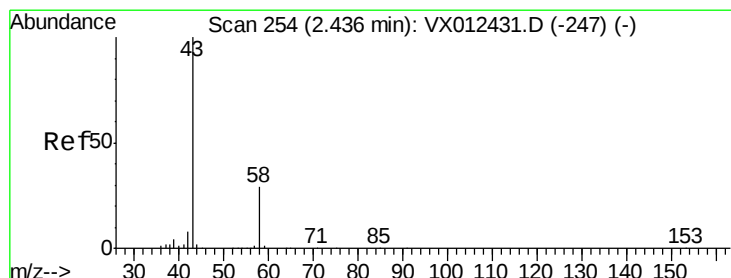
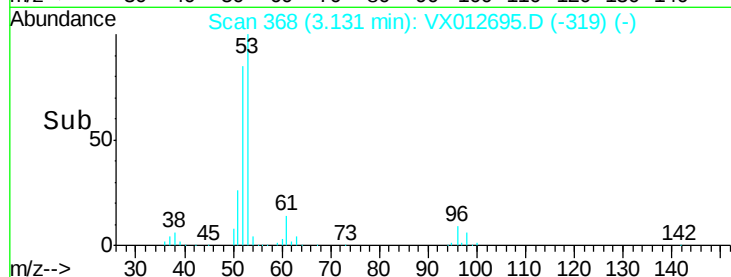
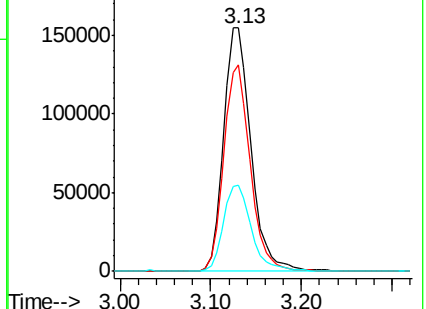
51 36.2 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 259.767 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012695.D

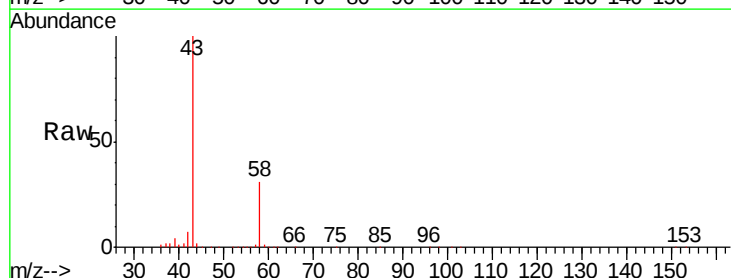
Acq: 30 Sep 2019 10:22

Tgt Ion: 43 Resp: 406552

Ion Ratio Lower Upper

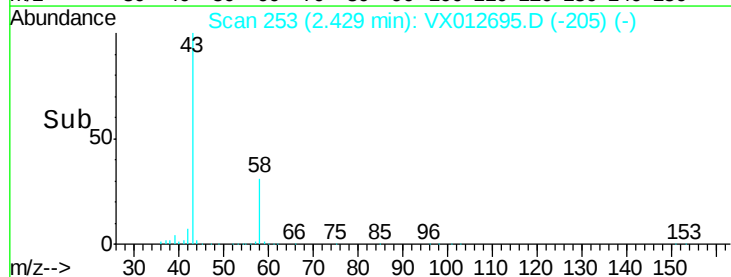
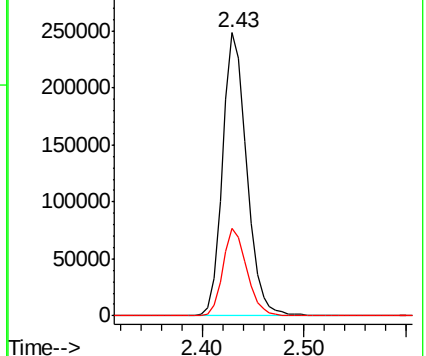
43 100

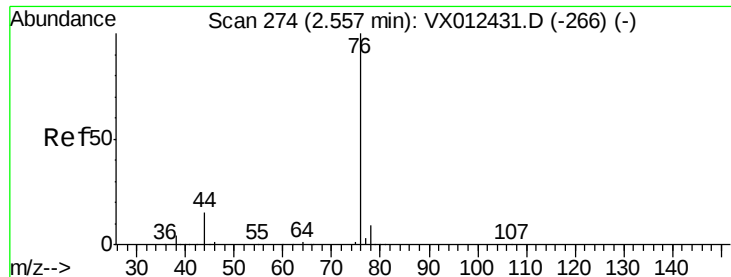
58 30.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

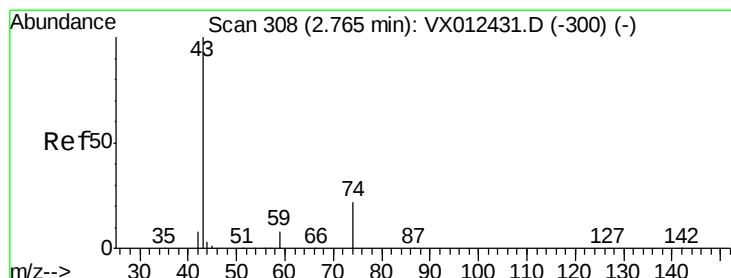
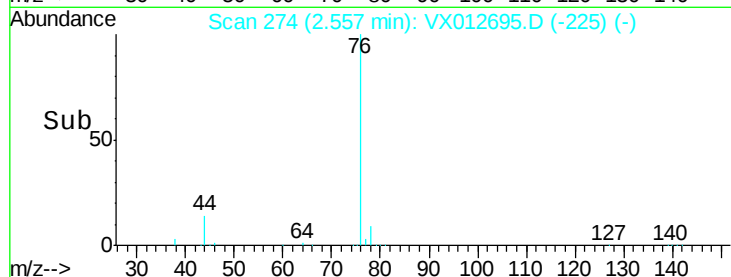
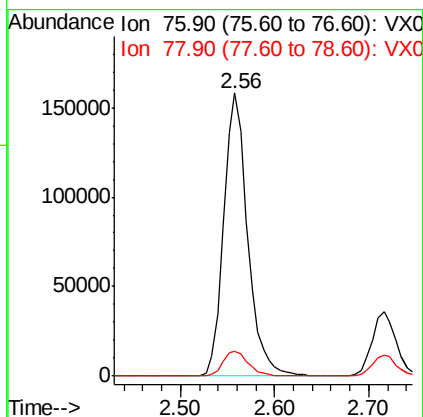
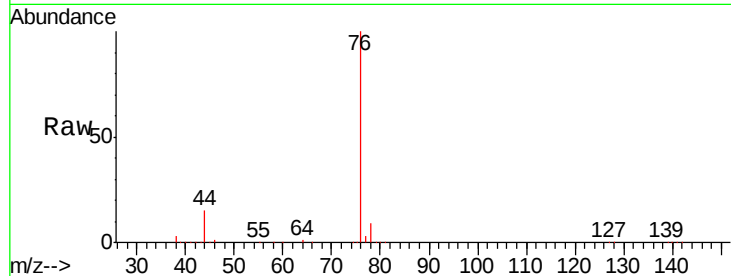




#17
Carbon Disulfide
Concen: 45.497 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

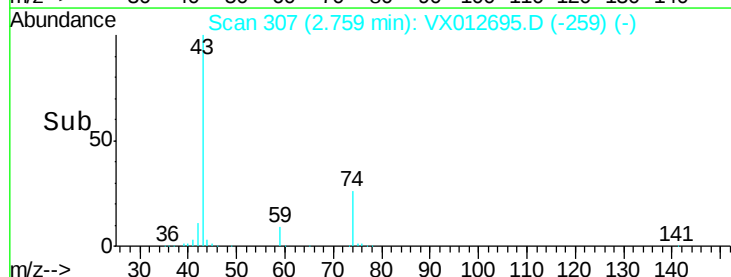
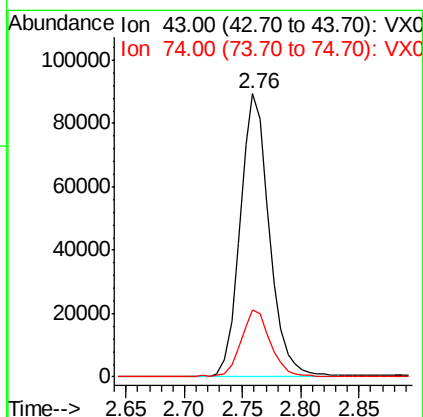
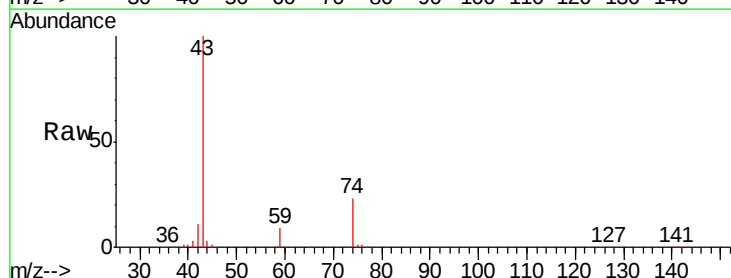
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

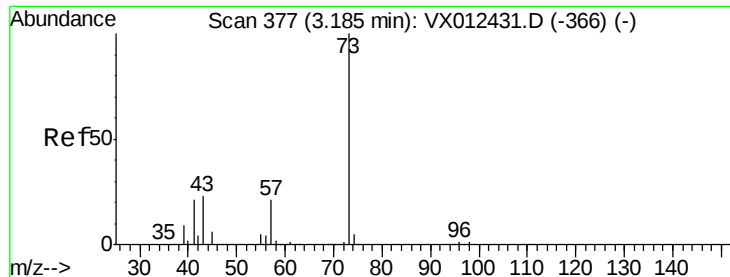
Tgt Ion: 76 Resp: 278263
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 42.344 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion: 43 Resp: 156046
Ion Ratio Lower Upper
43 100
74 24.1 17.7 26.5

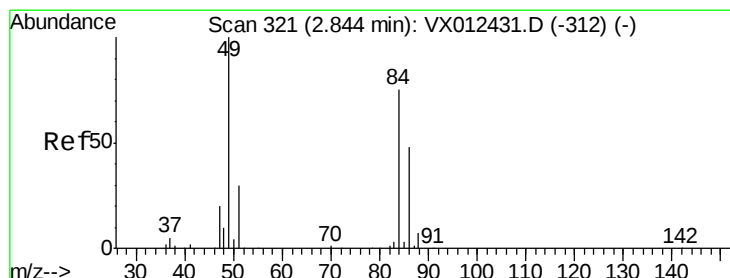
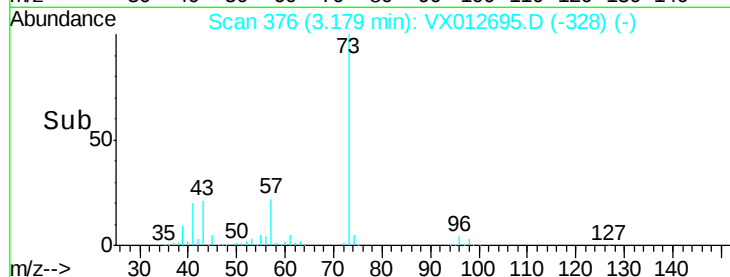
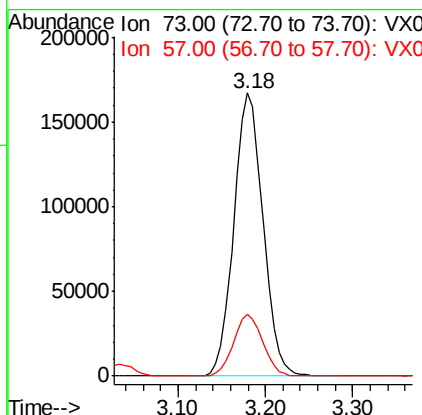
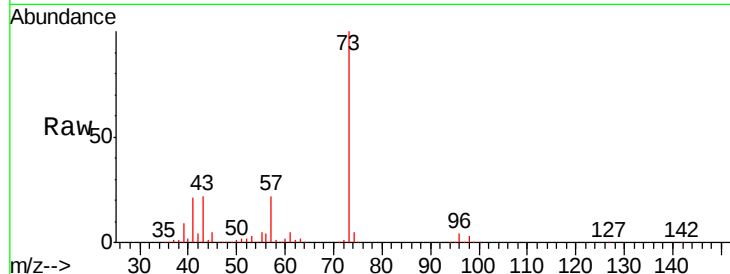




#19
Methyl tert-butyl Ether
Concen: 46.969 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

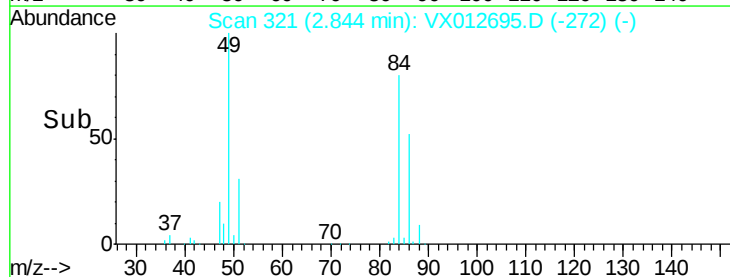
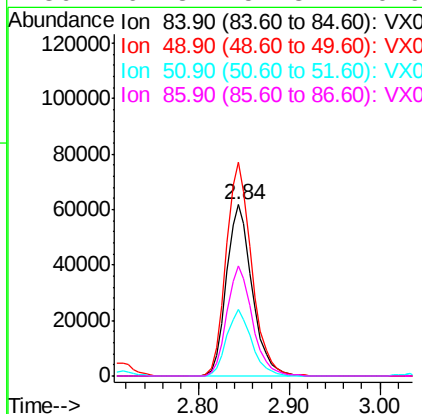
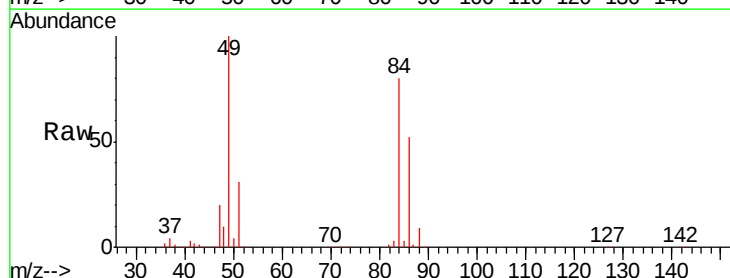
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

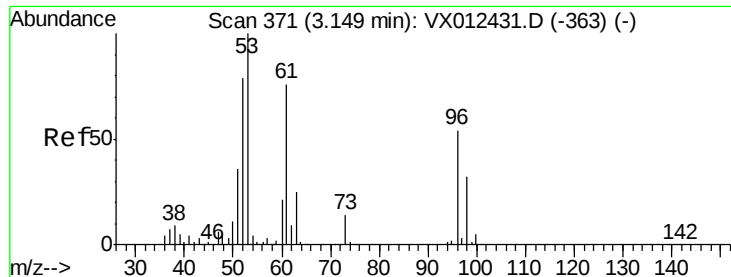
Tgt Ion: 73 Resp: 387854
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2



#20
Methylene Chloride
Concen: 45.853 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion: 84 Resp: 121378
Ion Ratio Lower Upper
84 100
49 124.7 106.8 160.2
51 38.7 32.3 48.5
86 64.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.904 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

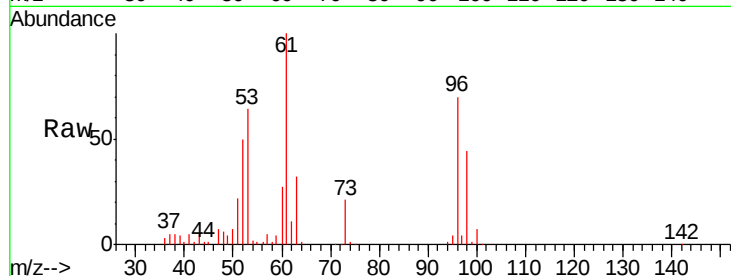
Tgt Ion: 96 Resp: 113365

Ion Ratio Lower Upper

96 100

61 143.0 112.0 168.0

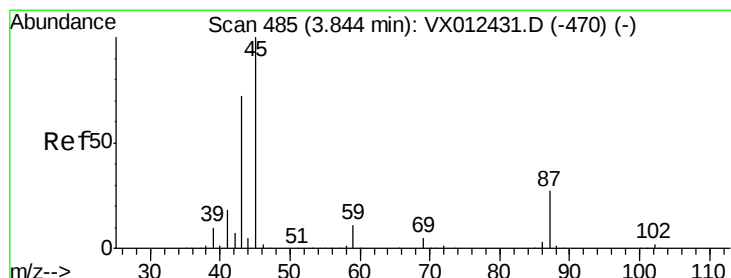
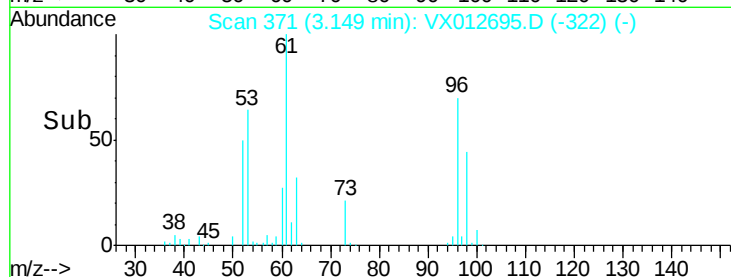
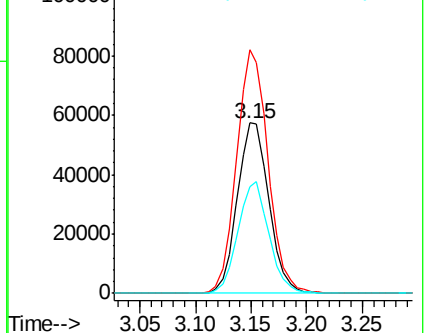
98 62.8 47.8 71.8



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: 46.704 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Tgt Ion: 45 Resp: 390611

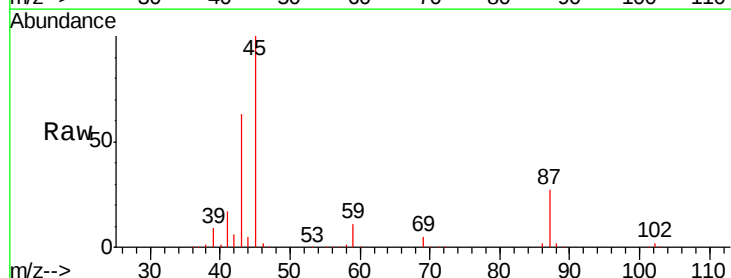
Ion Ratio Lower Upper

45 100

43 63.4 57.8 86.8

87 27.1 21.3 31.9

59 11.0 8.5 12.7

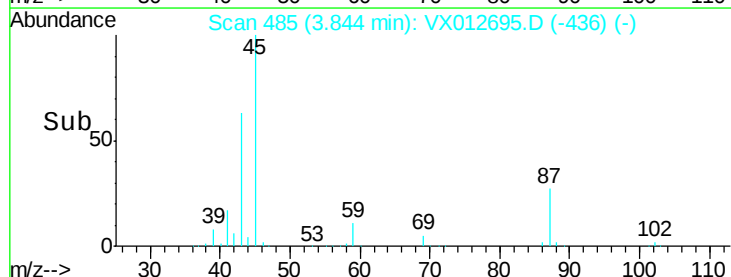
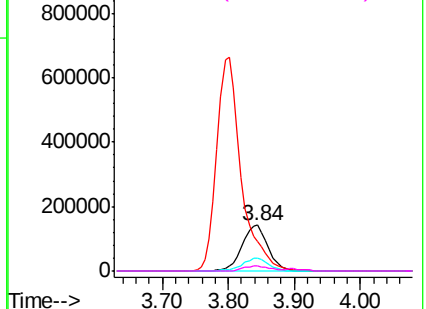


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 232.667 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

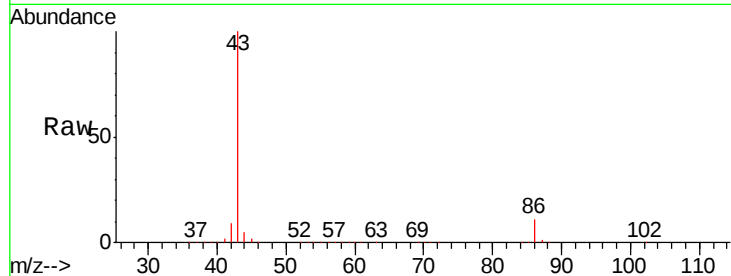
VSTDCCC050

Tgt Ion: 43 Resp: 1706478

Ion Ratio Lower Upper

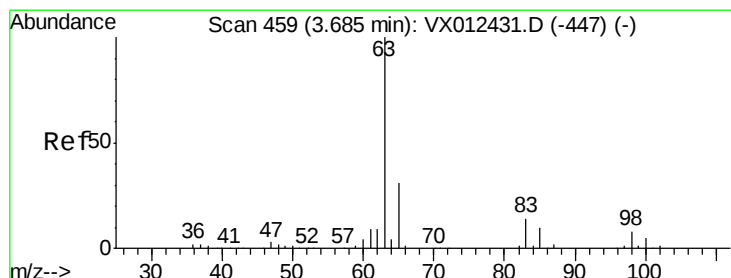
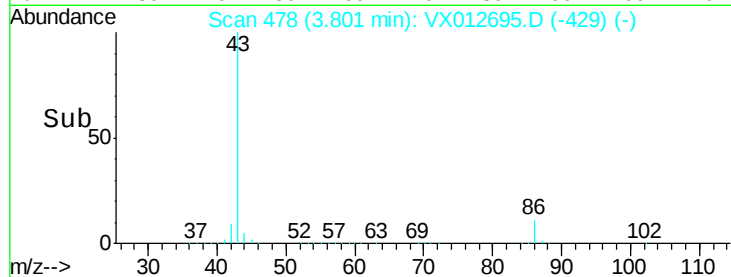
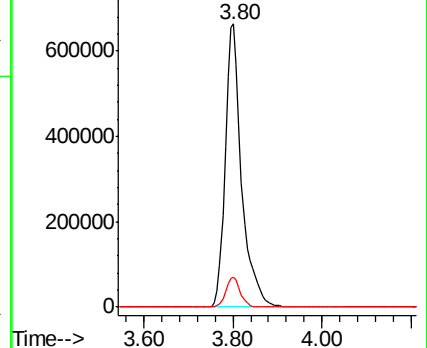
43 100

86 10.5 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.464 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

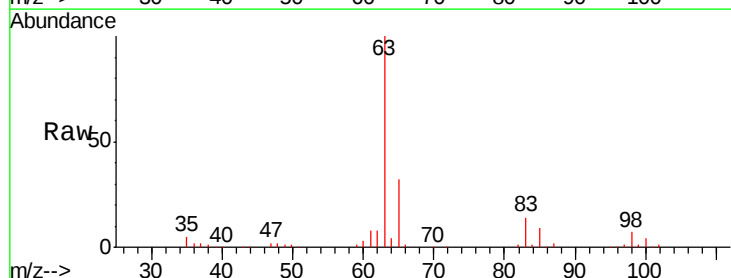
Tgt Ion: 63 Resp: 211233

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

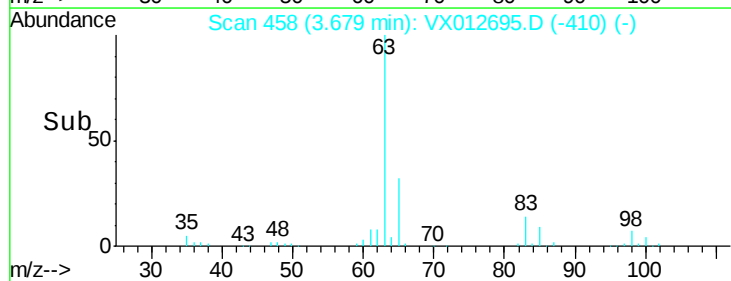
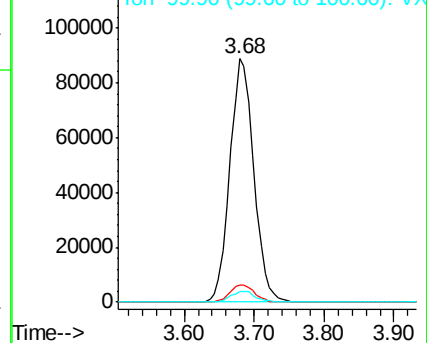
100 4.5 2.3 6.9

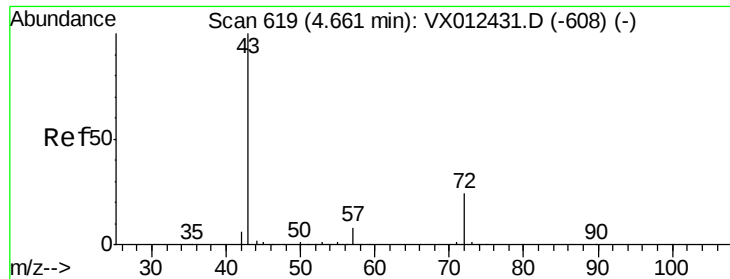


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 229.243 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

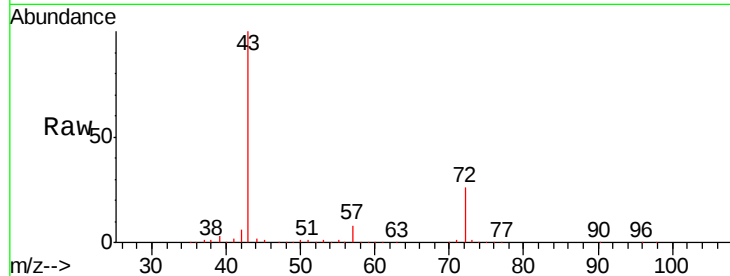
VSTDCCC050

Tgt Ion: 43 Resp: 514438

Ion Ratio Lower Upper

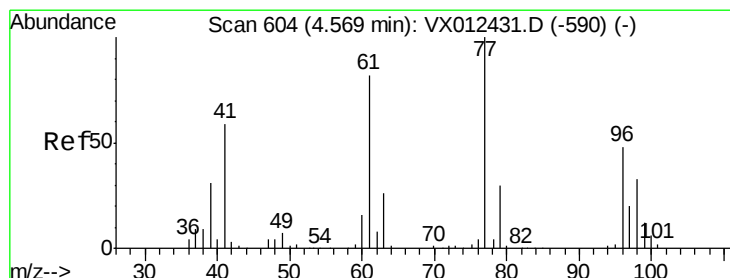
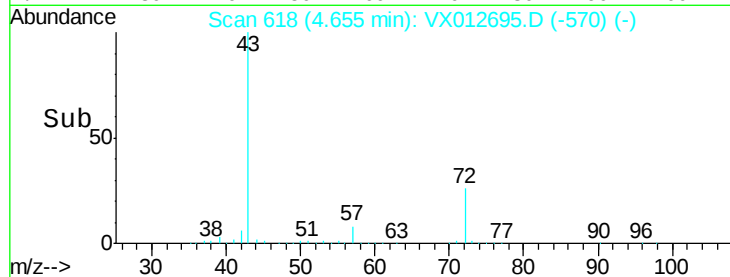
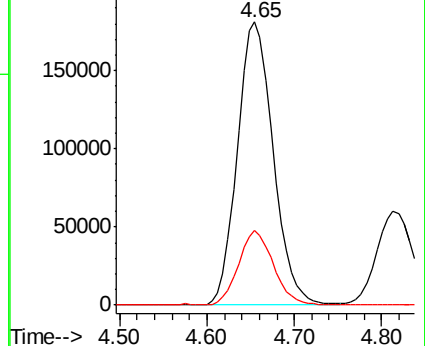
43 100

72 26.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.329 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012695.D

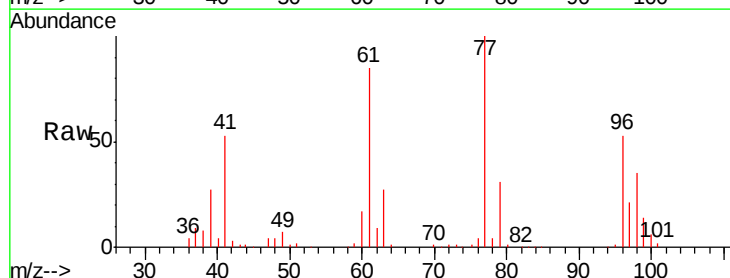
Acq: 30 Sep 2019 10:22

Tgt Ion: 77 Resp: 191369

Ion Ratio Lower Upper

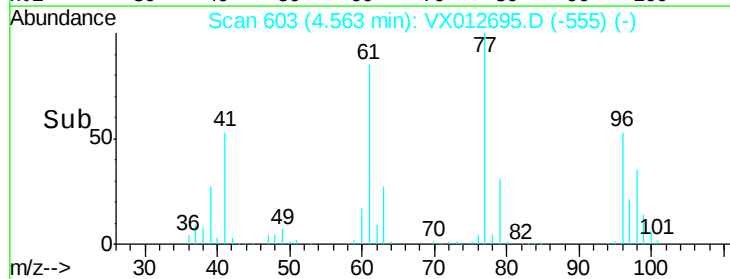
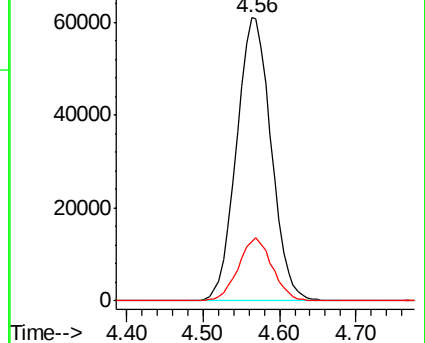
77 100

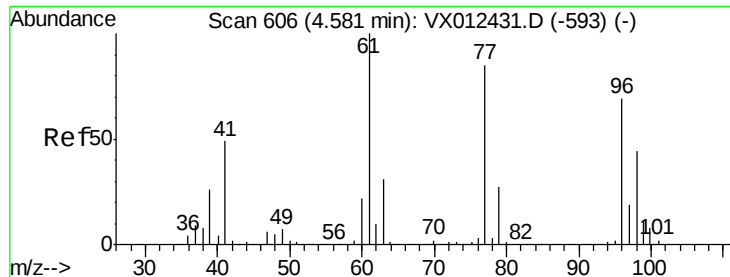
97 21.8 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



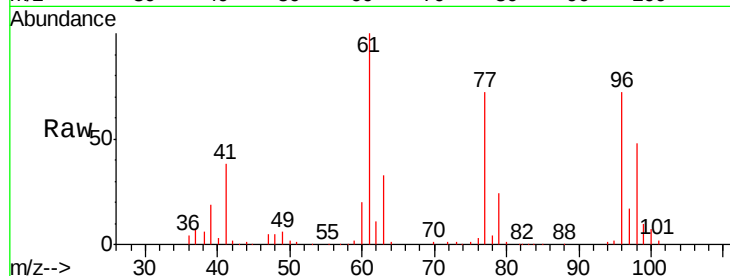


#27

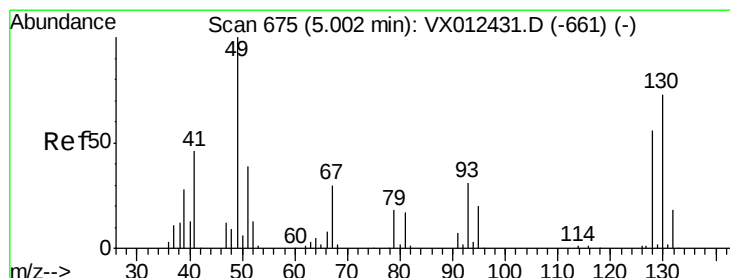
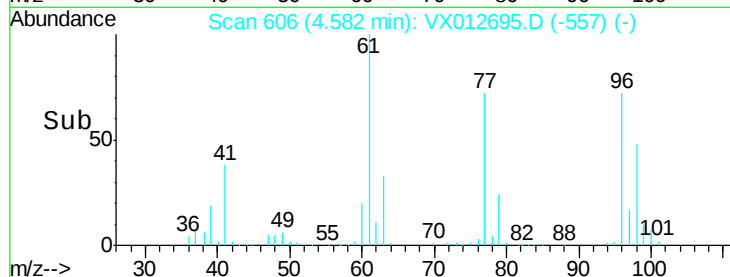
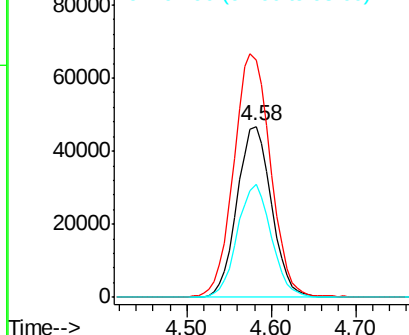
cis-1,2-Dichloroethene
 Concen: 46.214 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 129602
 Ion Ratio Lower Upper
 96 100
 61 152.0 0.0 319.4
 98 65.2 0.0 130.6



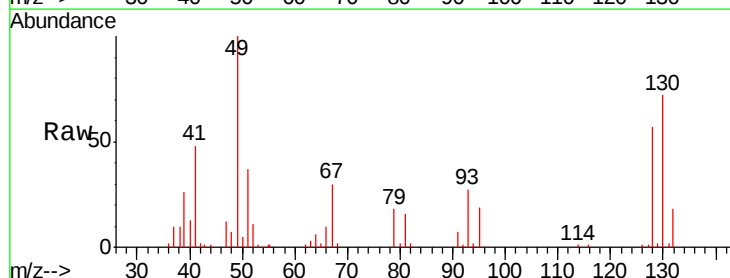
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



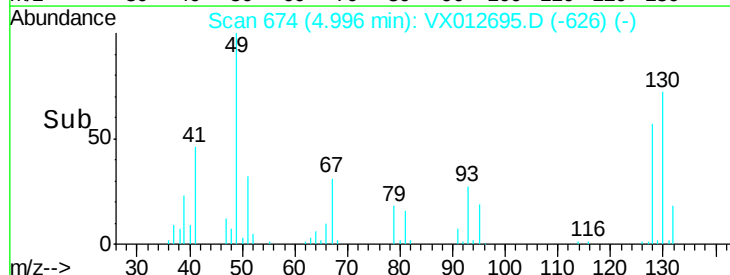
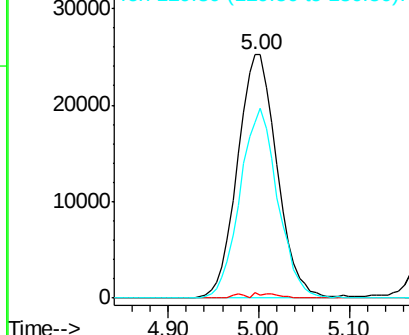
#28

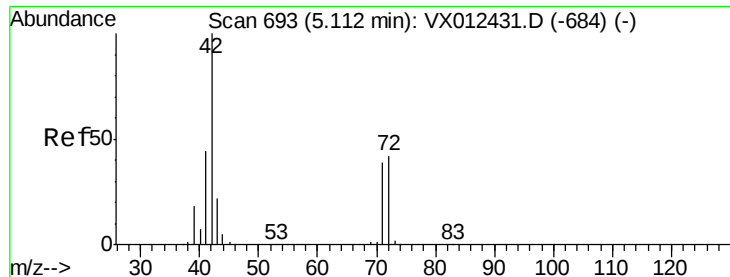
Bromochloromethane
 Concen: 46.068 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Tgt Ion: 49 Resp: 76046
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 74.5 58.2 87.4



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

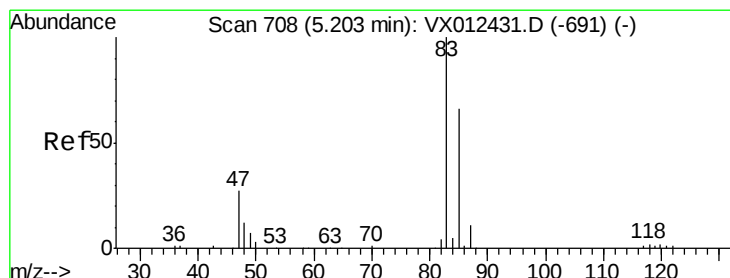
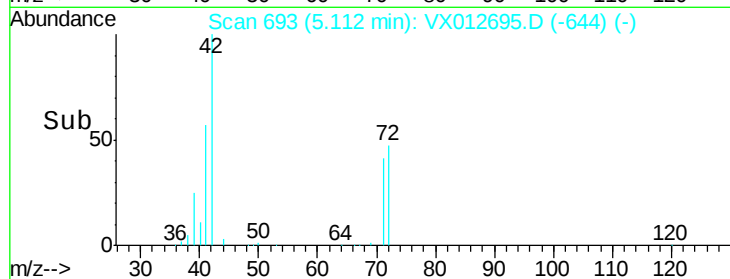
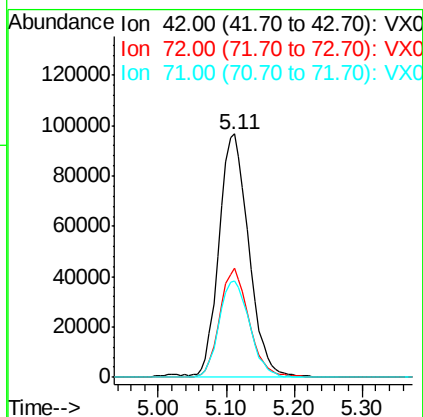
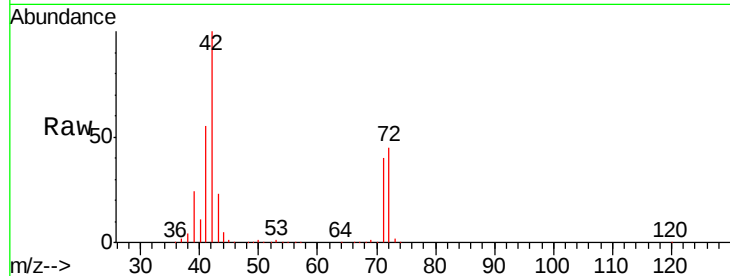




#29
Tetrahydrofuran
Concen: 214.177 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

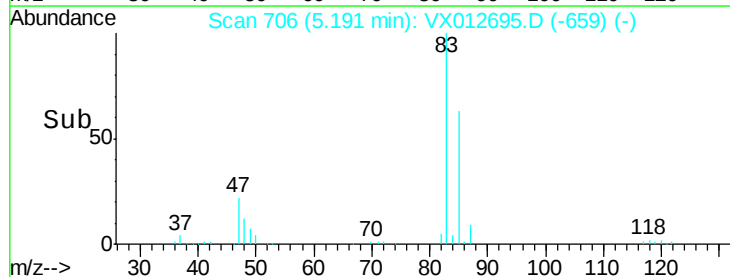
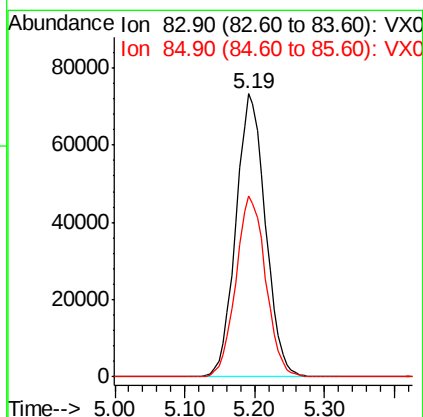
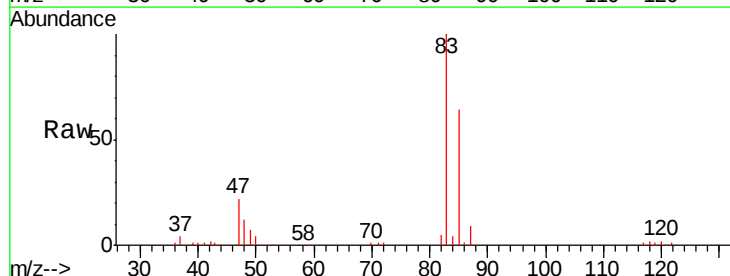
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

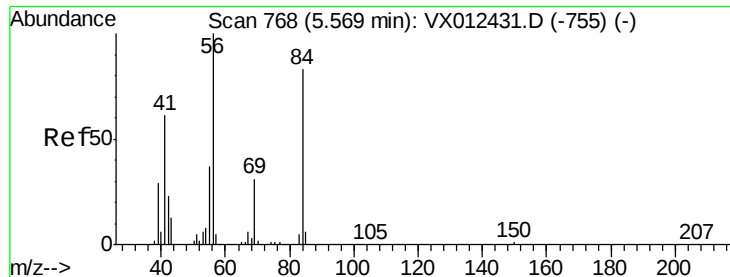
Tgt Ion: 42 Resp: 292945
Ion Ratio Lower Upper
42 100
72 44.3 34.0 51.0
71 40.8 31.5 47.3



#30
Chloroform
Concen: 46.225 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion: 83 Resp: 215000
Ion Ratio Lower Upper
83 100
85 63.9 53.0 79.4

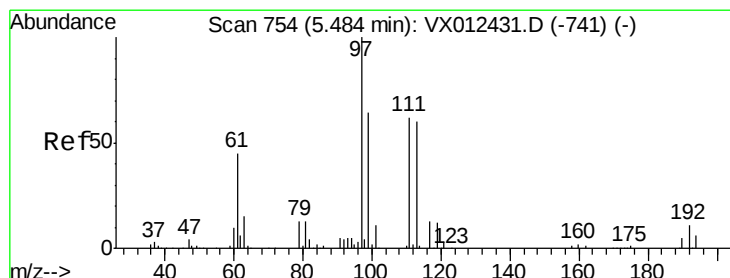
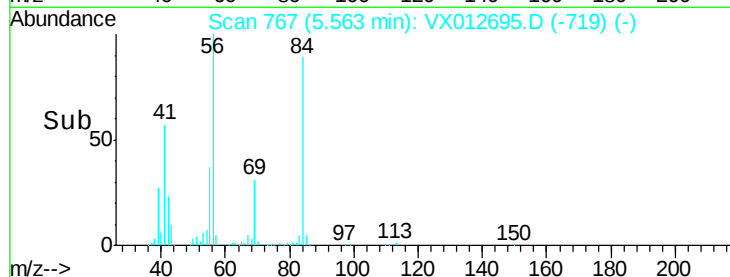
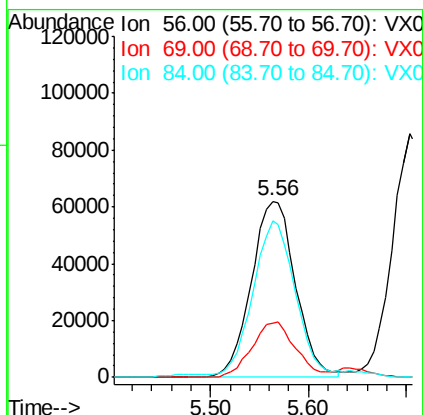
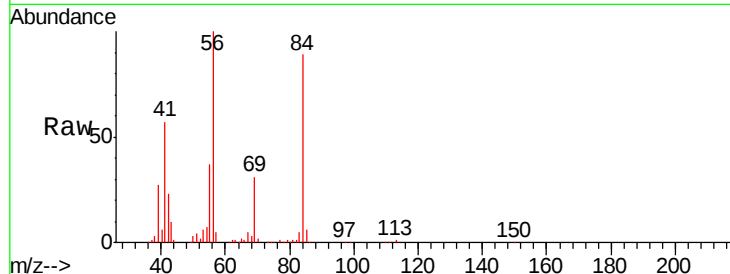




#31
Cyclohexane
Concen: 47.455 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

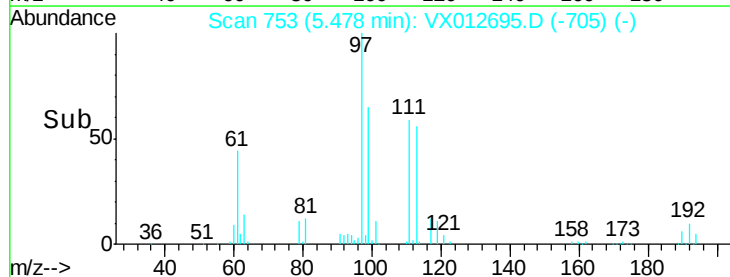
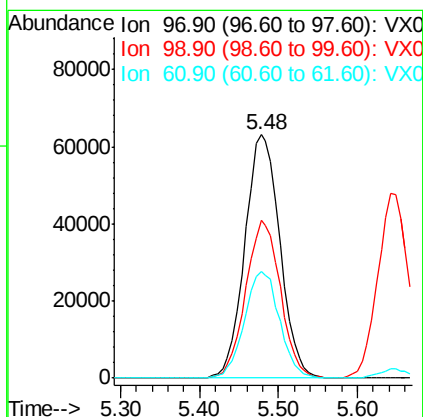
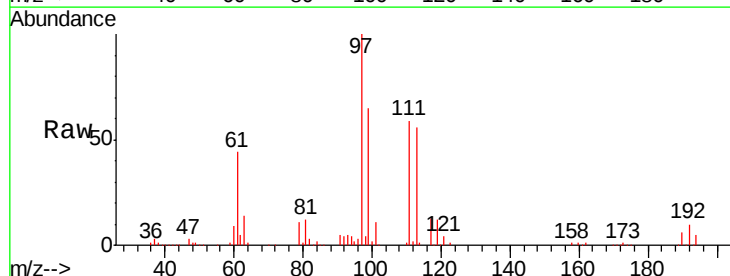
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

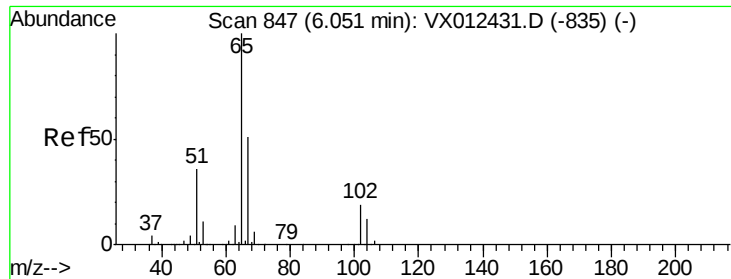
Tgt Ion: 56 Resp: 195174
Ion Ratio Lower Upper
56 100
69 30.7 25.0 37.6
84 86.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.290 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion: 97 Resp: 194937
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 43.8 36.1 54.1

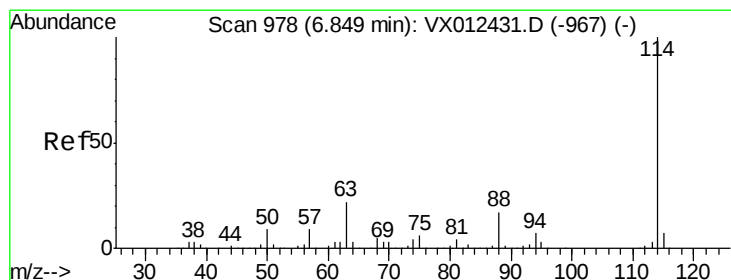
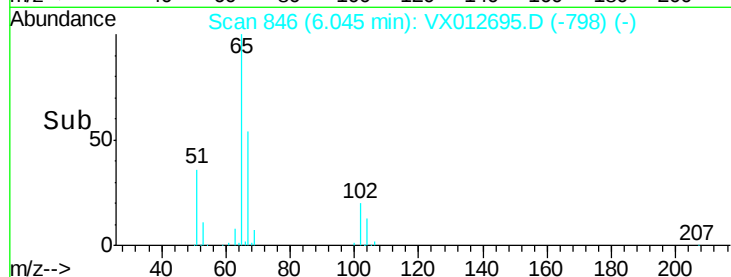
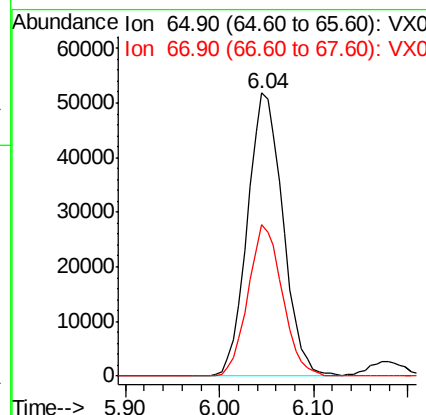
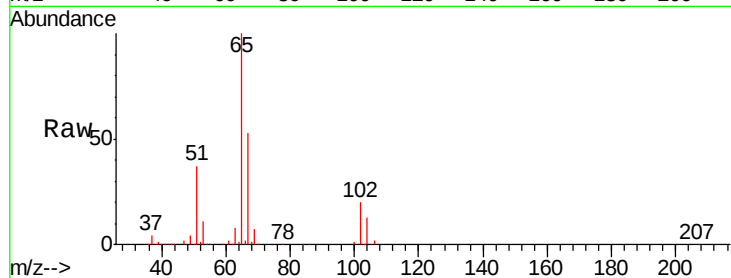




#33
 1,2-Dichloroethane-d4
 Concen: 46.180 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

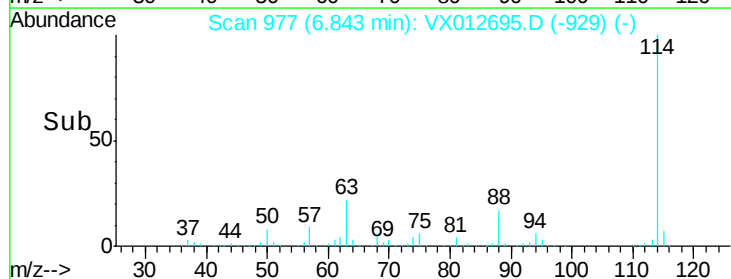
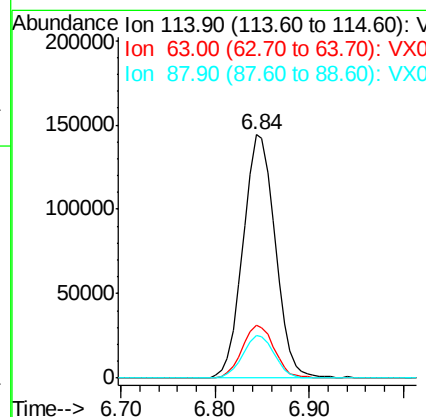
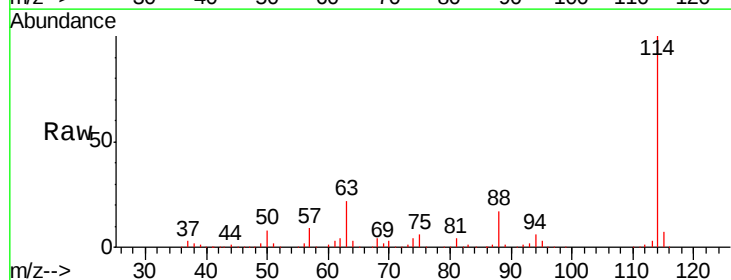
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

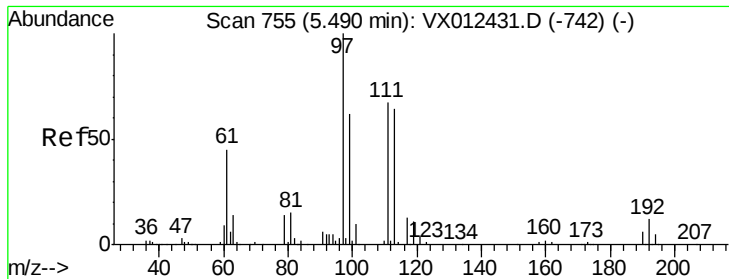
Tgt Ion: 65 Resp: 136450
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Tgt Ion: 114 Resp: 343297
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.886 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

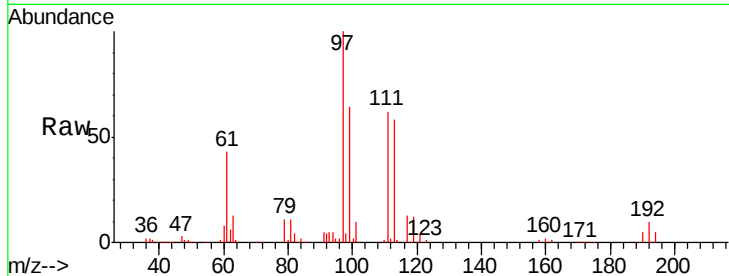
Tgt Ion:113 Resp: 104035

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

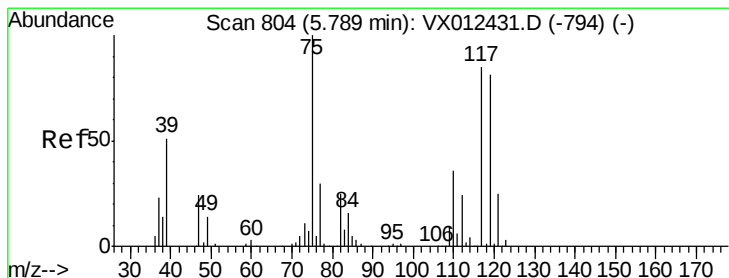
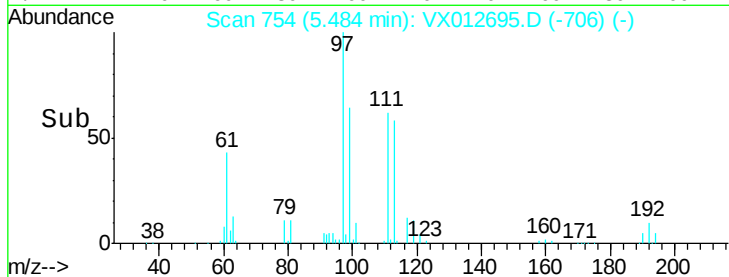
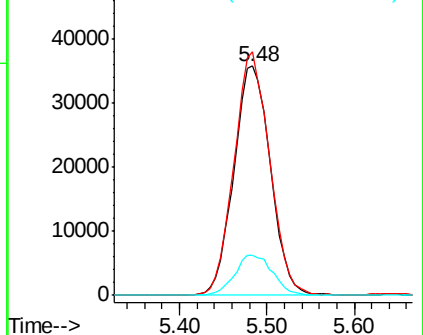
192 18.1 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.405 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

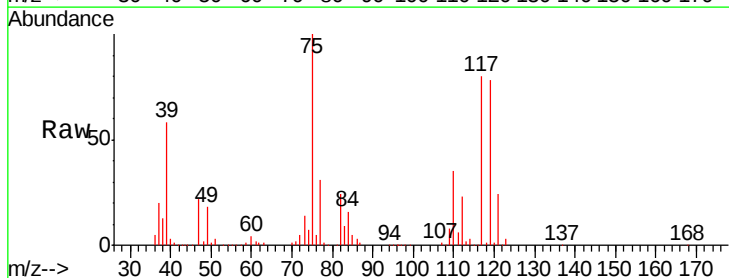
Tgt Ion: 75 Resp: 160171

Ion Ratio Lower Upper

75 100

110 34.8 16.7 50.0

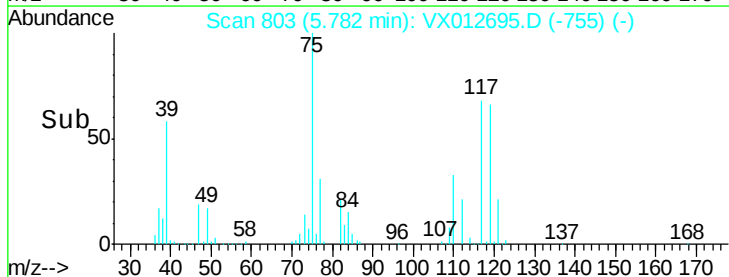
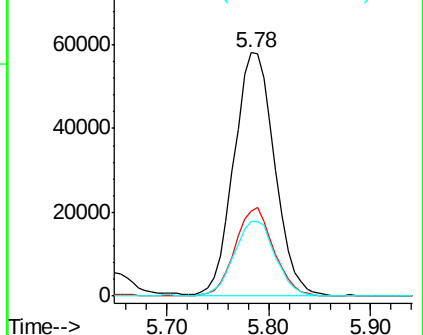
77 31.5 24.2 36.2

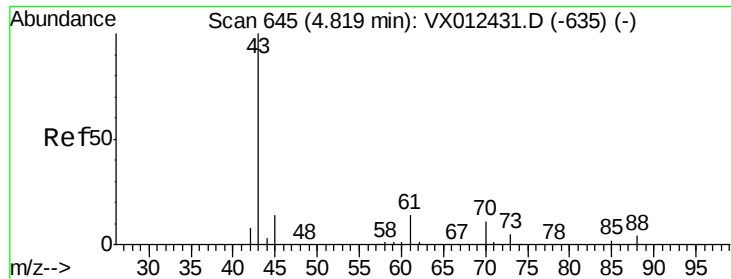


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.005 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

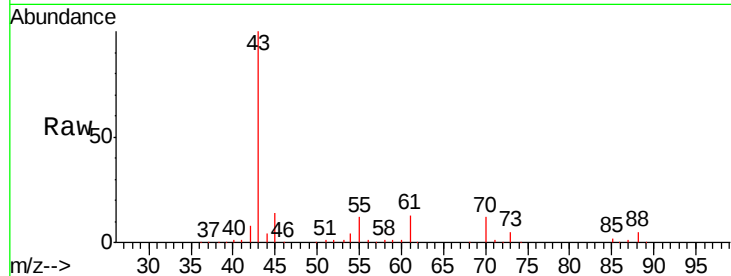
Tgt Ion: 43 Resp: 177975

Ion Ratio Lower Upper

43 100

61 13.9 10.2 15.4

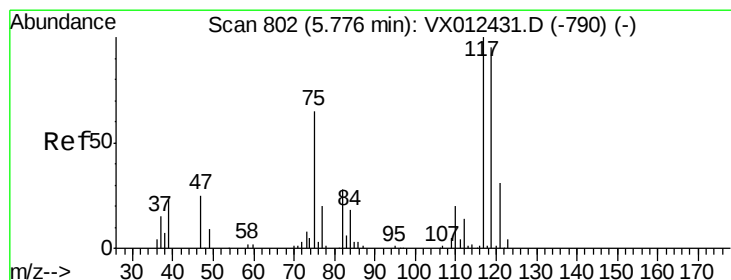
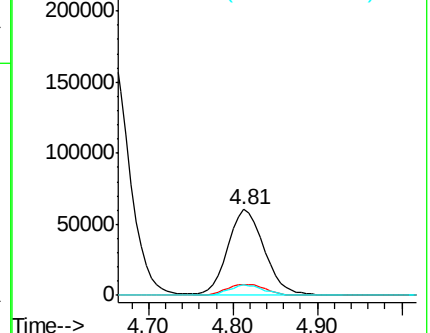
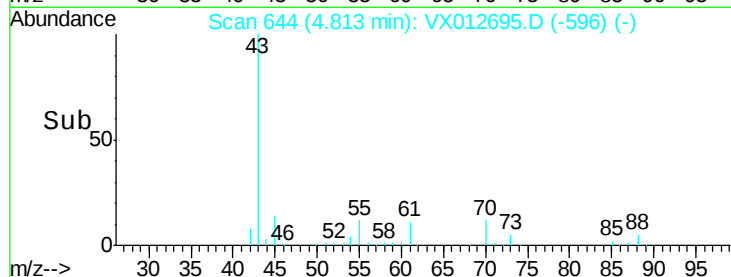
70 11.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 50.045 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

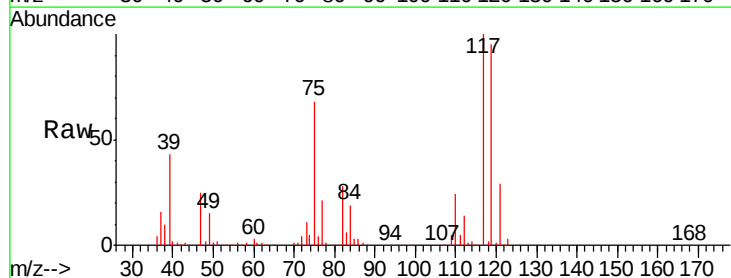
Tgt Ion: 117 Resp: 168219

Ion Ratio Lower Upper

117 100

119 94.9 75.7 113.5

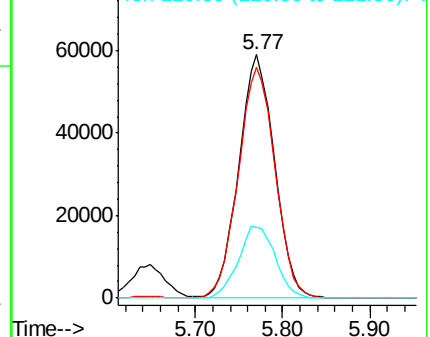
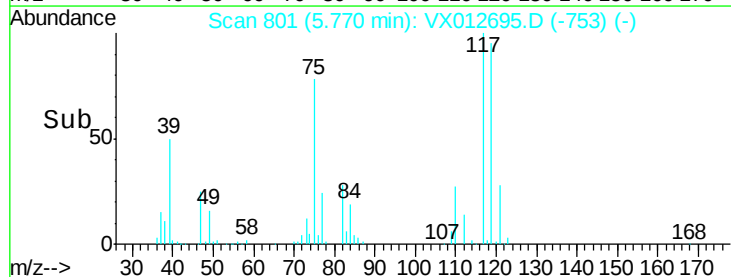
121 28.9 24.2 36.4

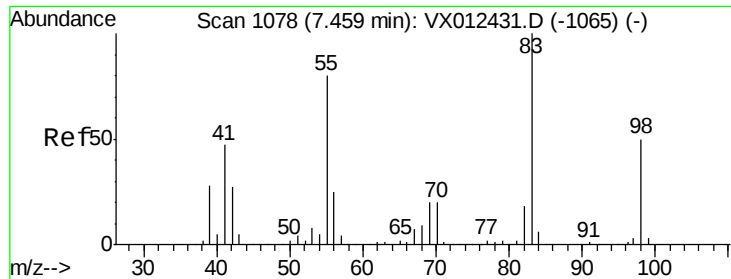


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

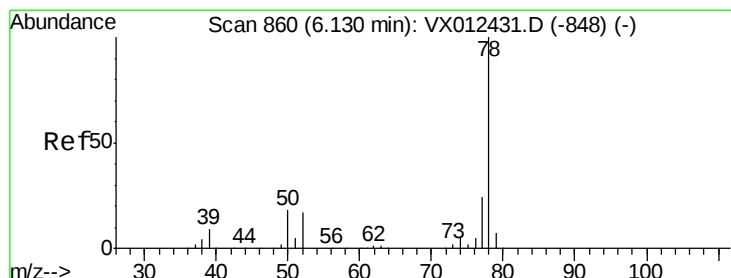
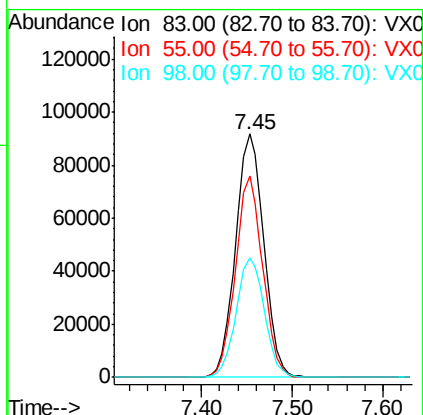
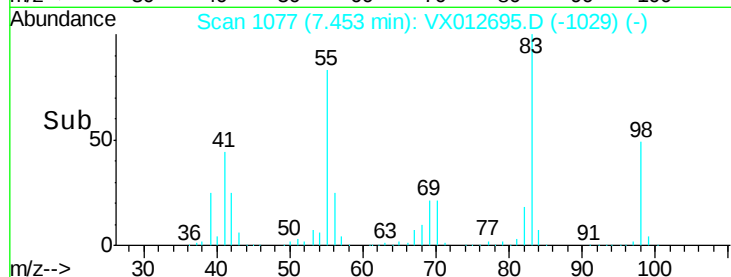
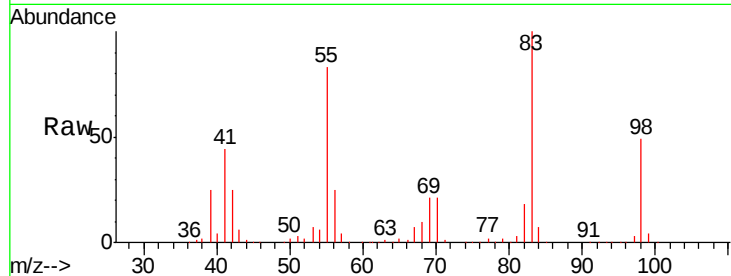




#39
Methylcyclohexane
Concen: 49.836 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

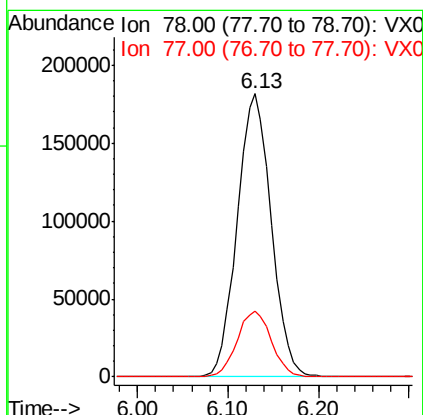
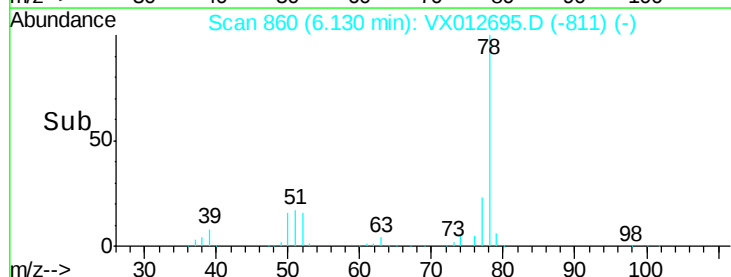
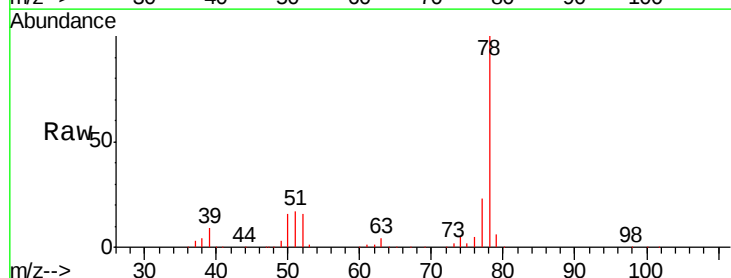
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

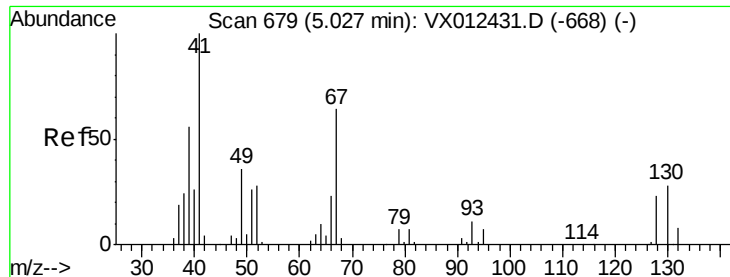
Tgt Ion: 83 Resp: 198526
Ion Ratio Lower Upper
83 100
55 82.7 64.4 96.6
98 48.8 40.1 60.1



#40
Benzene
Concen: 48.565 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion: 78 Resp: 472834
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8

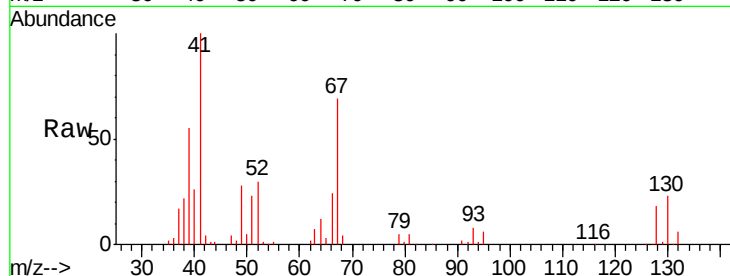




#41
Methacrylonitrile
Concen: 44.521 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	96636
Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.0	69.0
67	71.1	52.2	78.2
52	29.6	22.7	34.1



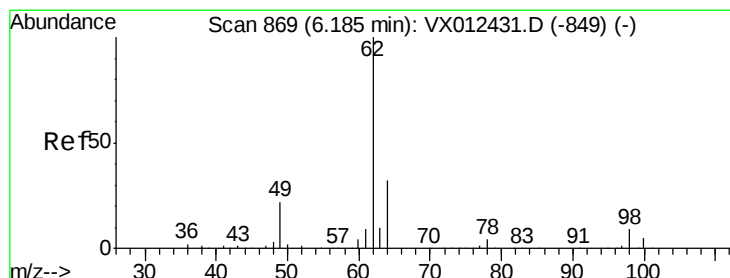
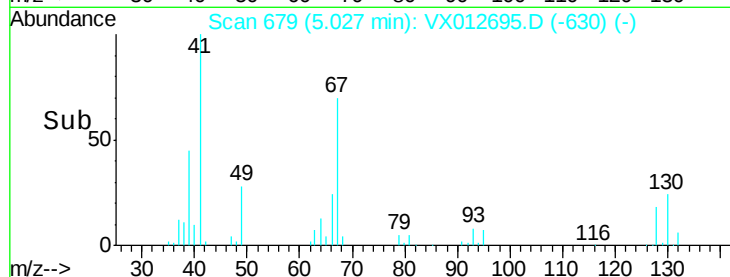
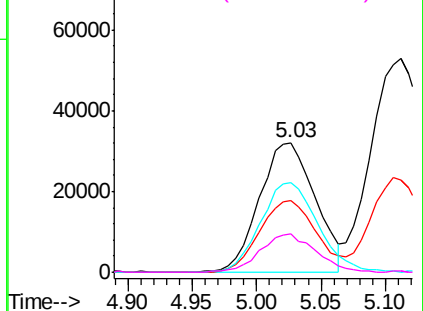
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

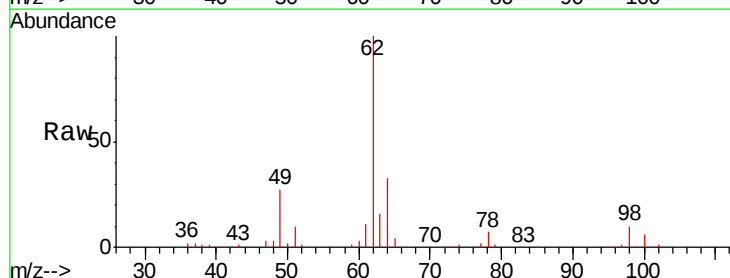
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.030 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

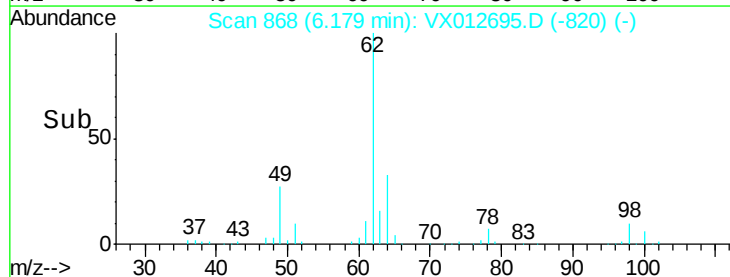
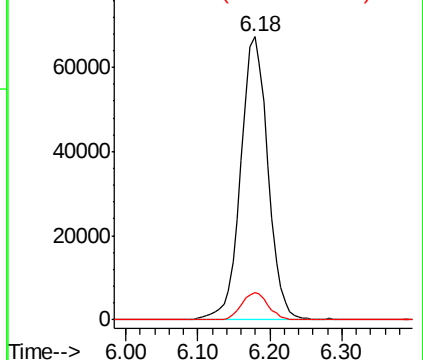
Tgt Ion:	62	Resp:	177575
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8

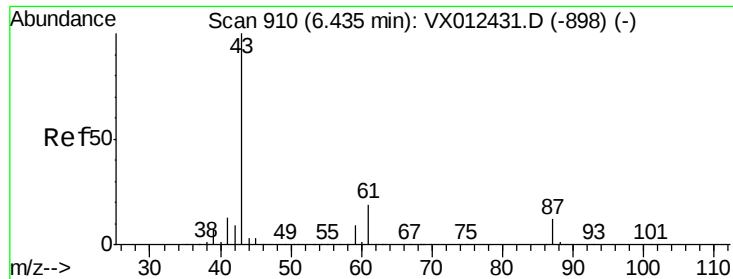


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.387 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

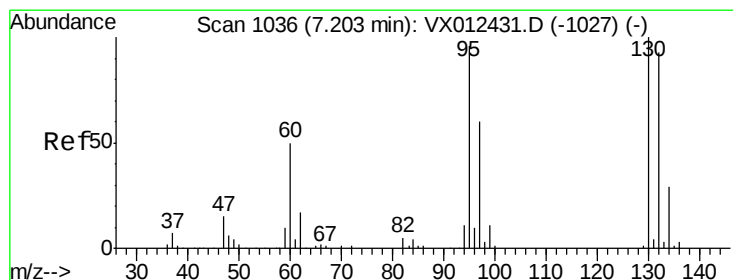
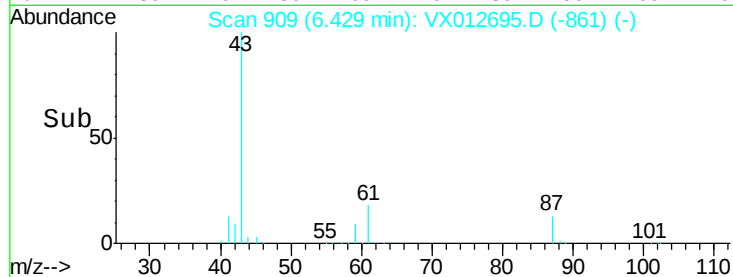
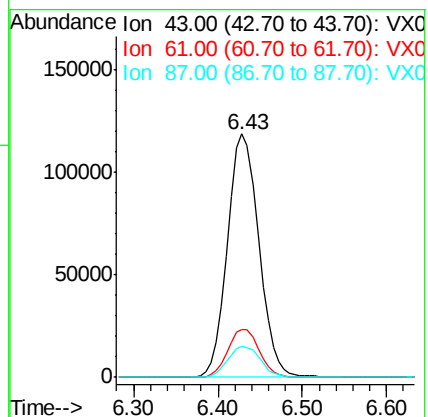
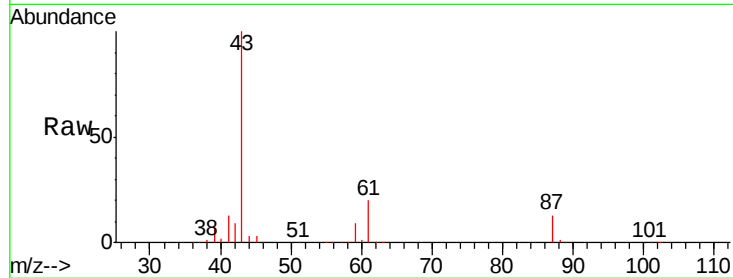
Tgt Ion: 43 Resp: 300102

Ion Ratio Lower Upper

43 100

61 20.0 15.4 23.0

87 13.2 9.8 14.8



#44

Trichloroethene

Concen: 49.601 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012695.D

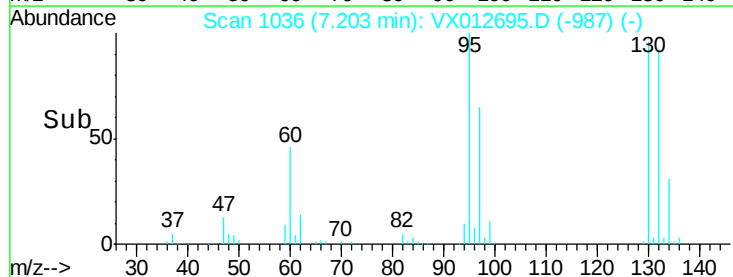
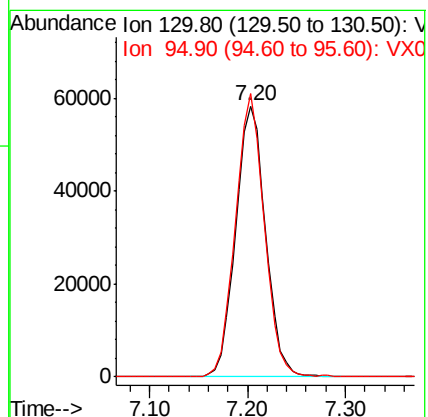
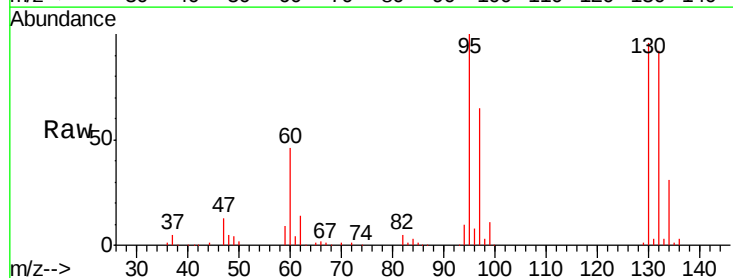
Acq: 30 Sep 2019 10:22

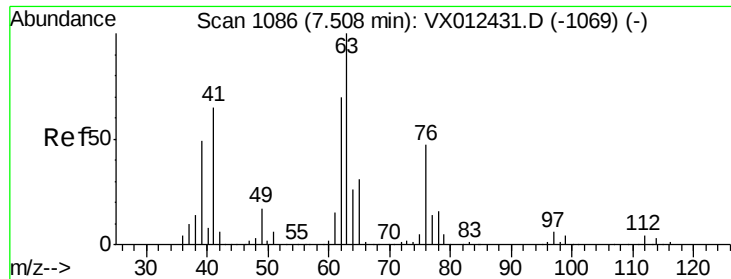
Tgt Ion: 130 Resp: 123455

Ion Ratio Lower Upper

130 100

95 104.5 0.0 193.0





#45

1,2-Dichloropropane

Concen: 49.457 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

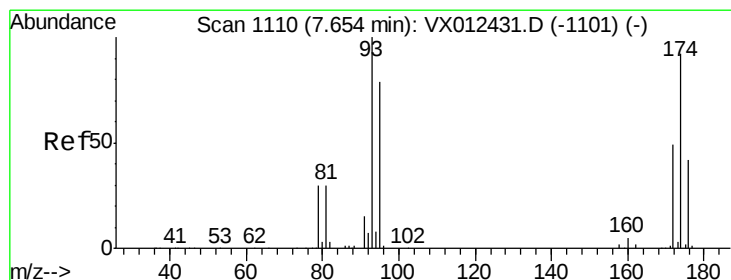
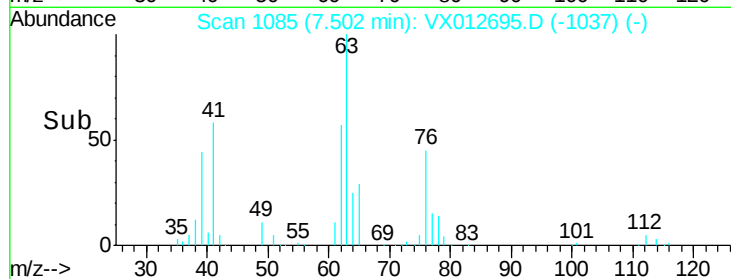
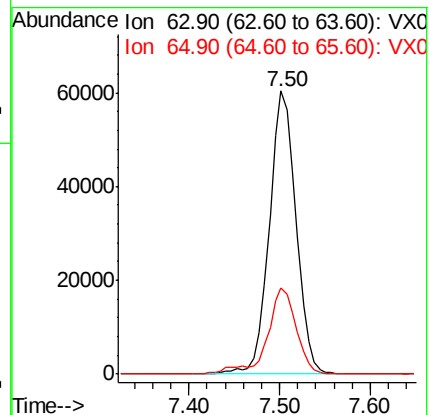
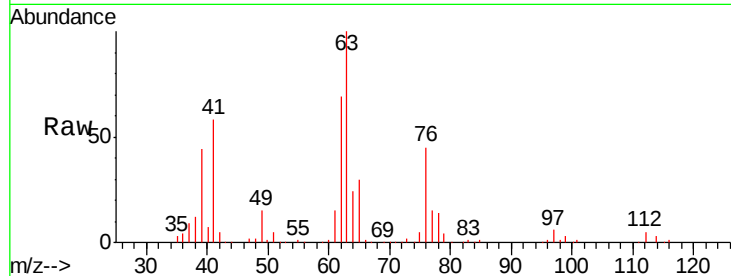
VSTDCCC050

Tgt Ion: 63 Resp: 123279

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.6



#46

Dibromomethane

Concen: 48.212 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

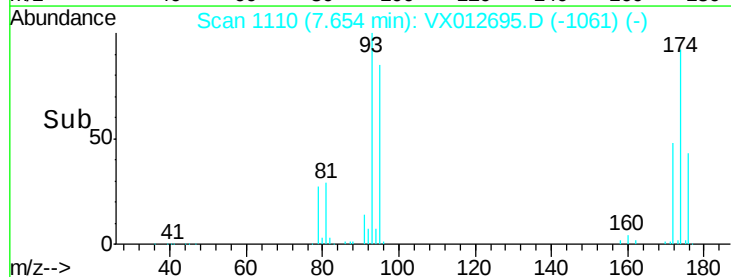
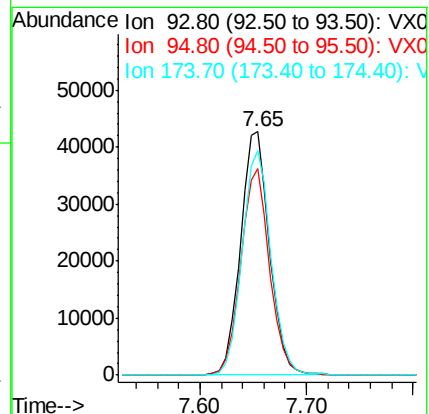
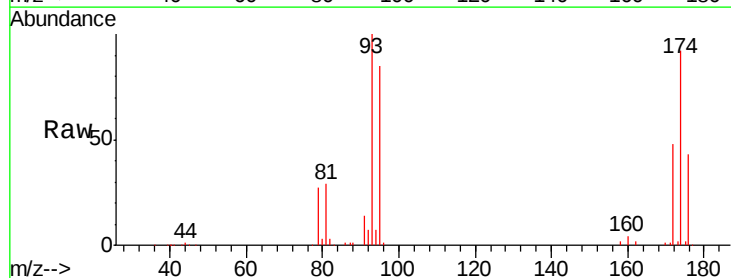
Tgt Ion: 93 Resp: 81822

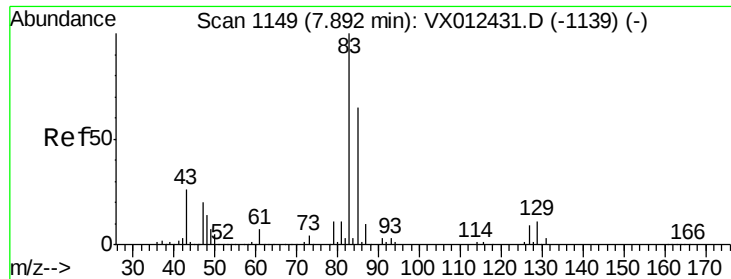
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 92.0 77.4 116.0





#47

Bromodichloromethane

Concen: 49.821 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

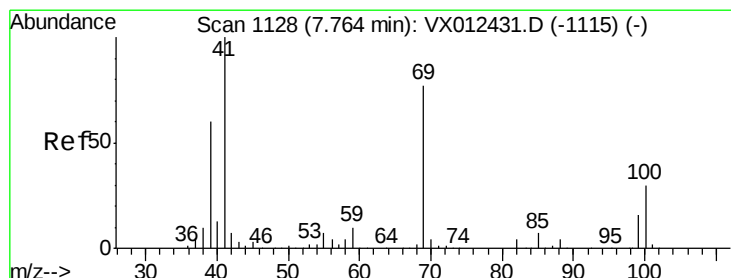
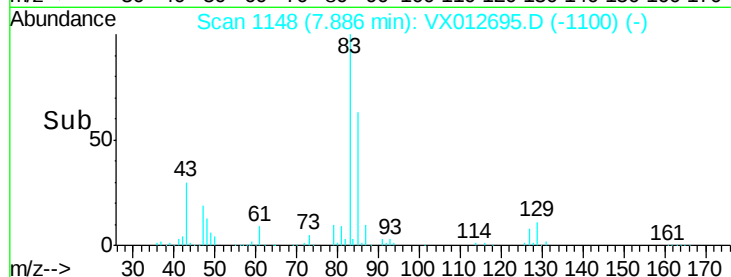
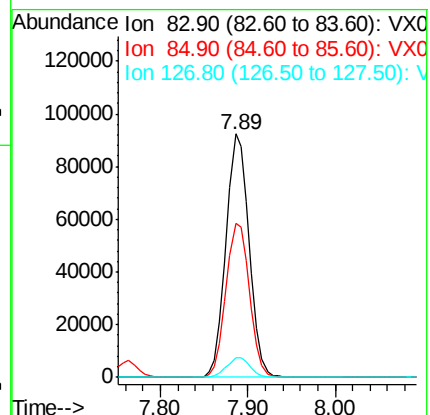
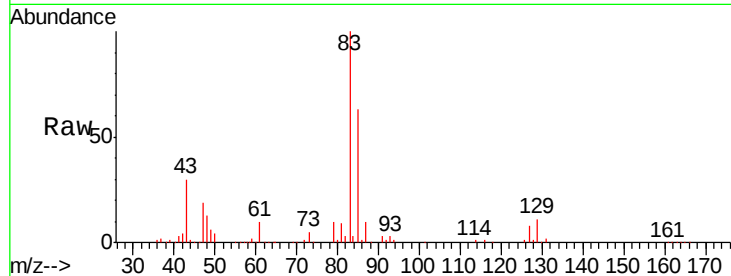
Tgt Ion: 83 Resp: 168990

Ion Ratio Lower Upper

83 100

85 63.0 51.8 77.6

127 7.9 7.3 10.9



#48

Methyl methacrylate

Concen: 46.853 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

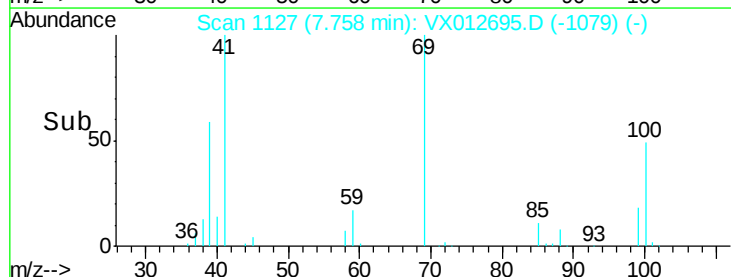
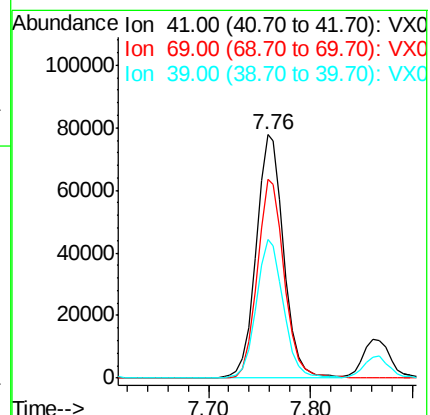
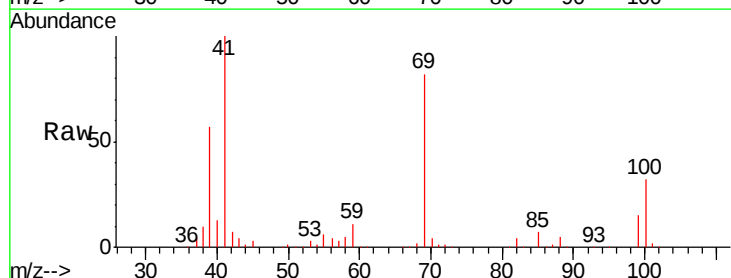
Tgt Ion: 41 Resp: 145341

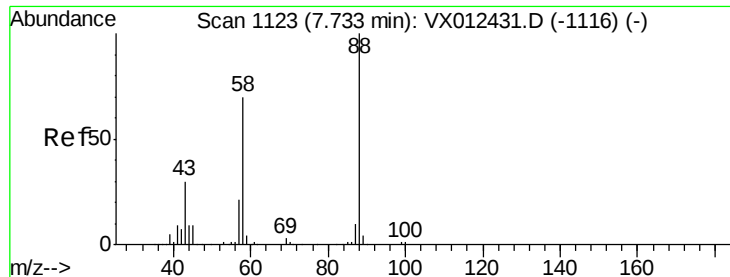
Ion Ratio Lower Upper

41 100

69 80.8 59.9 89.9

39 56.7 47.8 71.6

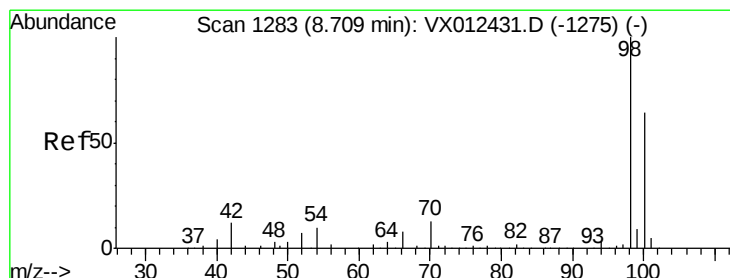
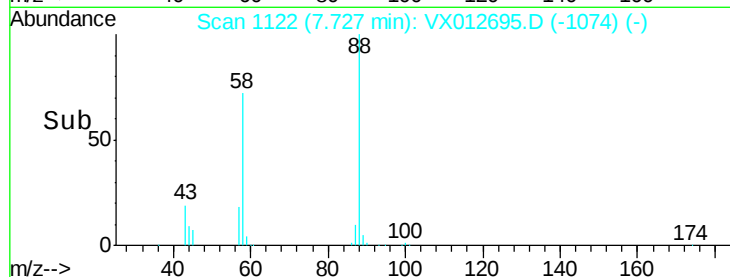
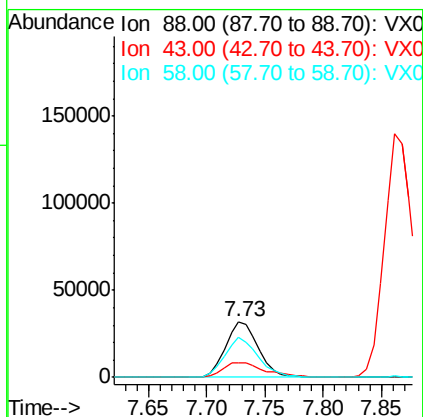
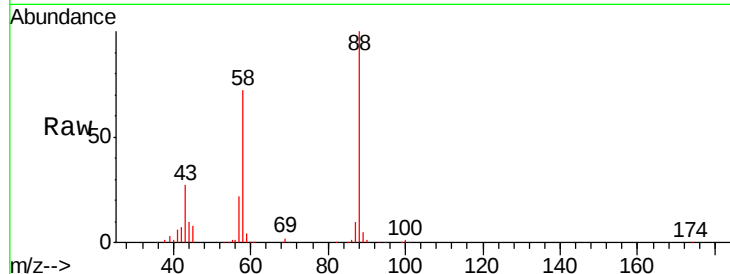




#49
 1,4-Dioxane
 Concen: 891.051 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

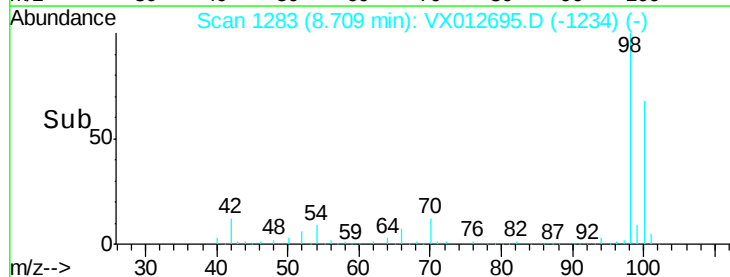
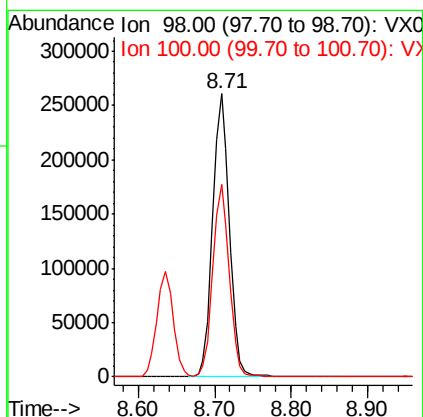
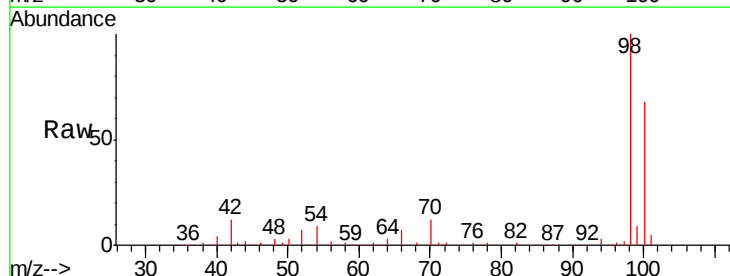
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

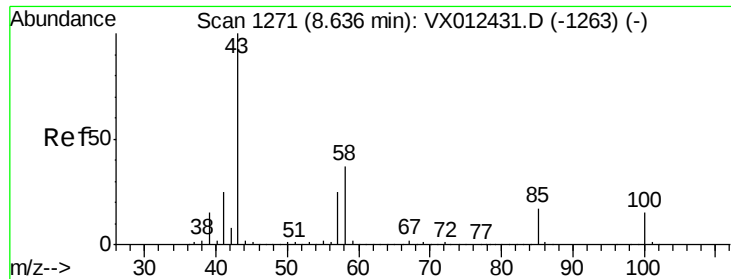
Tgt Ion: 88 Resp: 62695
 Ion Ratio Lower Upper
 88 100
 43 34.5 29.4 44.0
 58 72.8 57.5 86.3



#50
 Toluene-d8
 Concen: 50.374 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Tgt Ion: 98 Resp: 396616
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 224.886 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

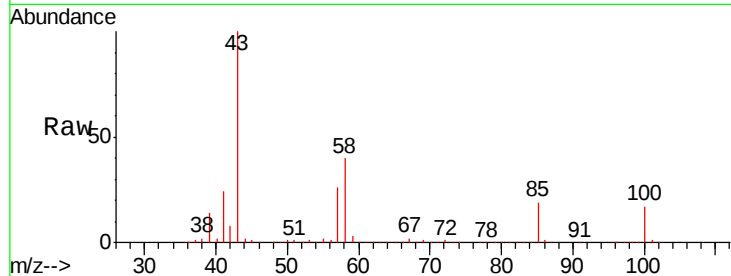
VSTDCCC050

Tgt Ion: 43 Resp: 898084

Ion Ratio Lower Upper

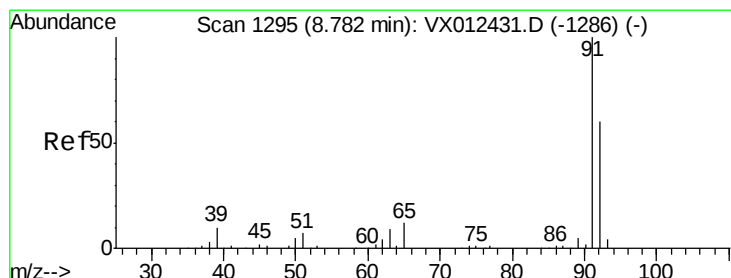
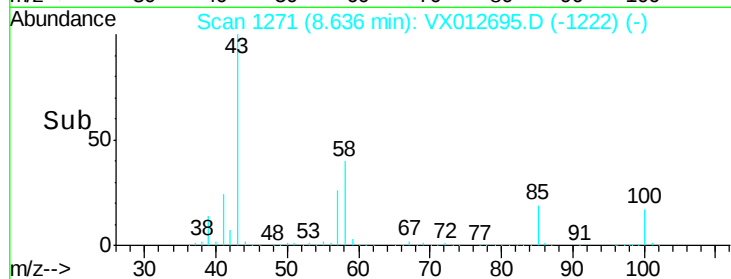
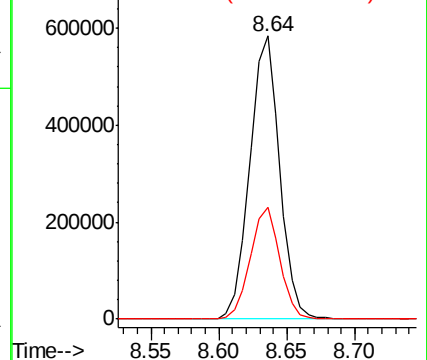
43 100

58 39.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.298 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012695.D

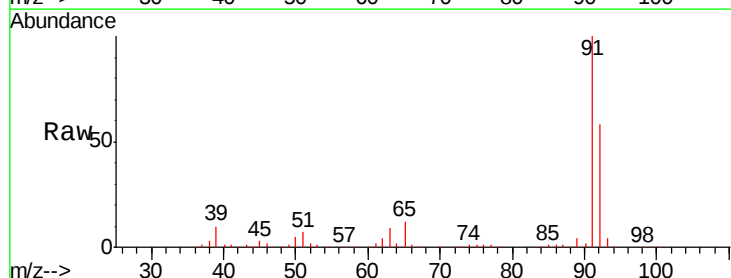
Acq: 30 Sep 2019 10:22

Tgt Ion: 92 Resp: 301663

Ion Ratio Lower Upper

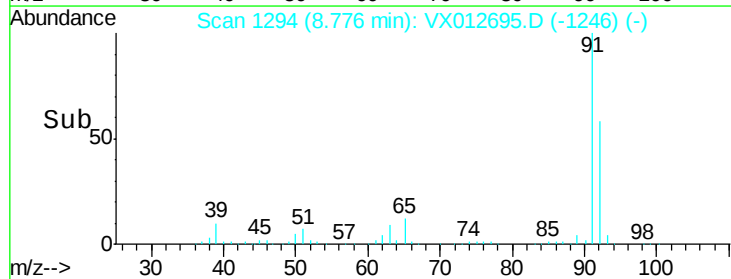
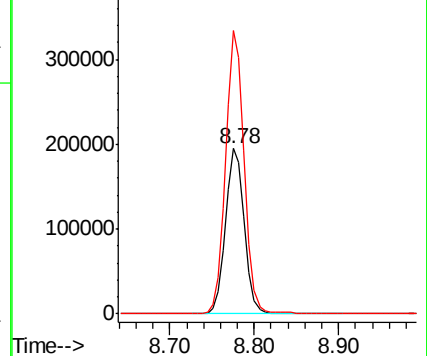
92 100

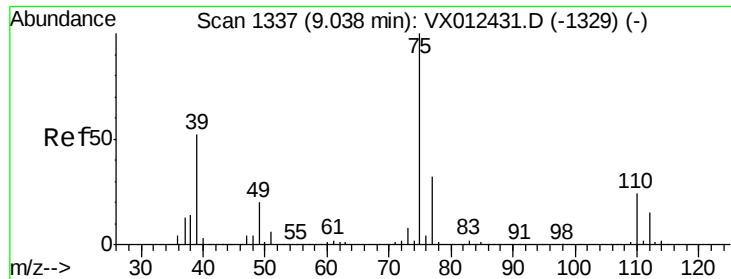
91 169.3 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

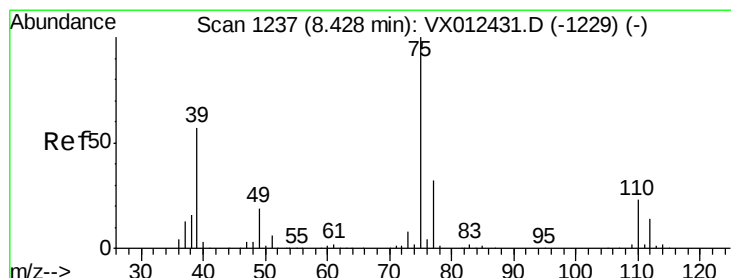
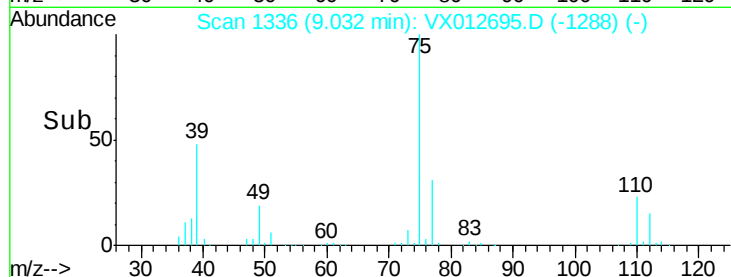
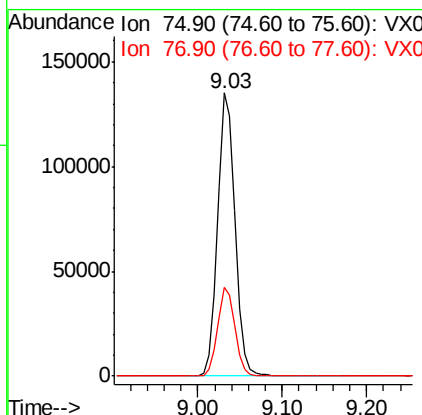
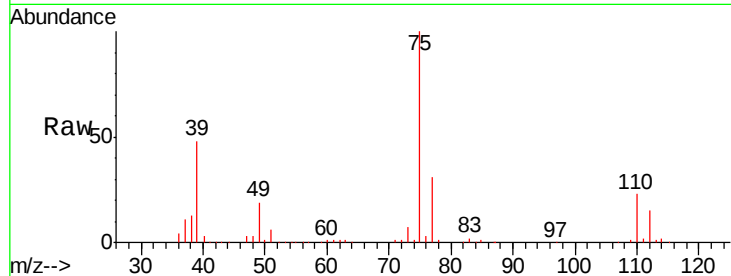




#53
 t-1,3-Dichloropropene
 Concen: 51.645 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

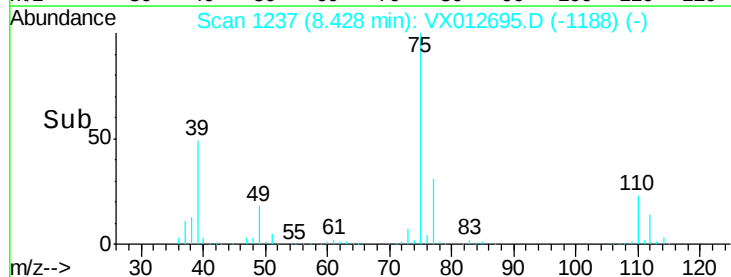
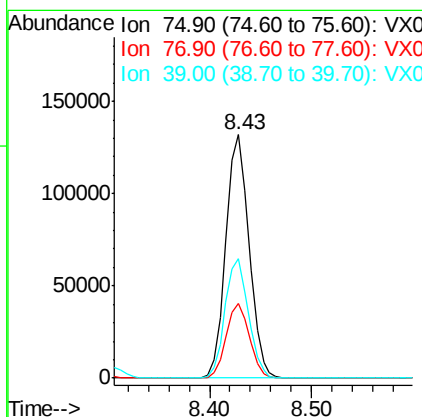
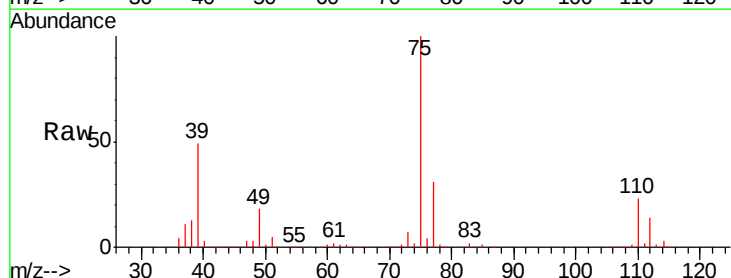
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

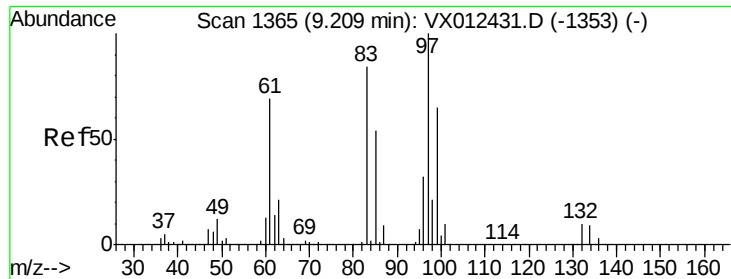
Tgt Ion: 75 Resp: 193817
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.788 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Tgt Ion: 75 Resp: 208108
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.8 38.8
 39 48.9 45.5 68.3

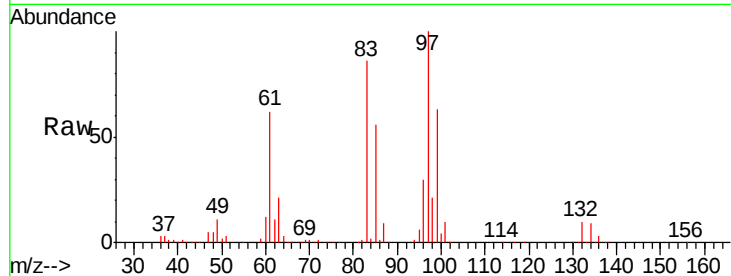




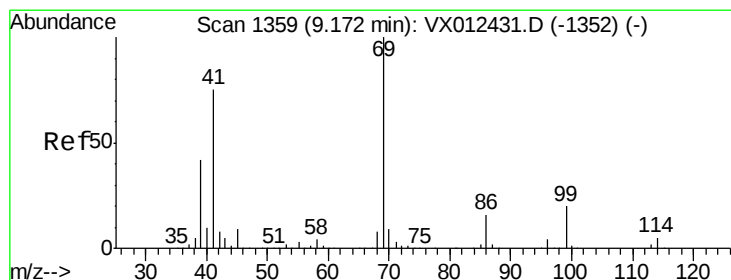
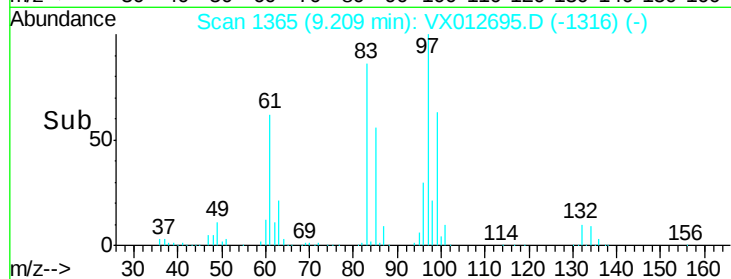
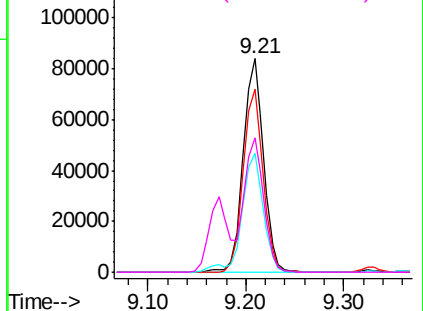
#55
 1,1,2-Trichloroethane
 Concen: 49.640 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	120766
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.4	101.2
85	55.6	43.5	65.3
99	62.9	51.8	77.8

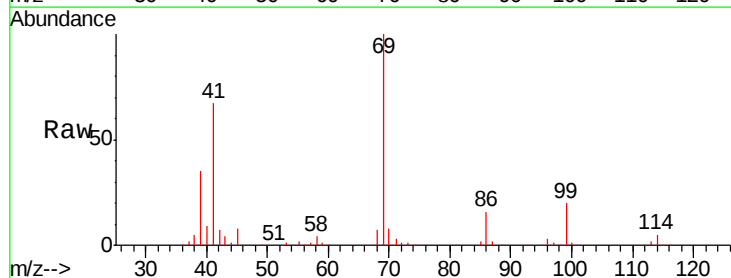


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

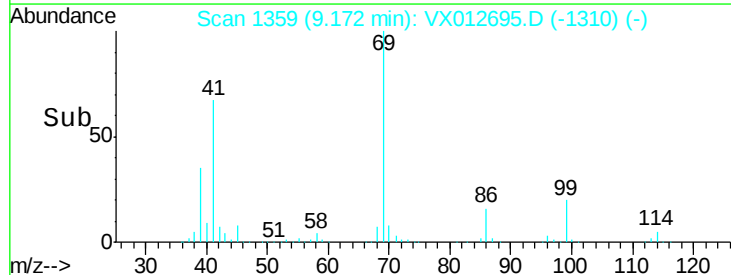
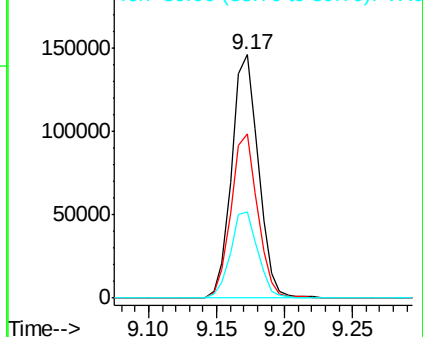


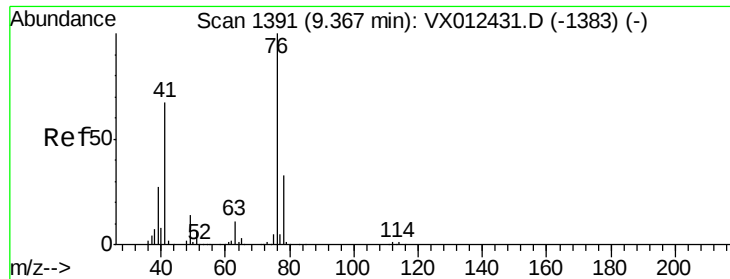
#56
 Ethyl methacrylate
 Concen: 49.123 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Tgt Ion:	69	Resp:	200771
Ion	Ratio	Lower	Upper
69	100		
41	67.4	58.4	87.6
39	36.2	33.4	50.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.644 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

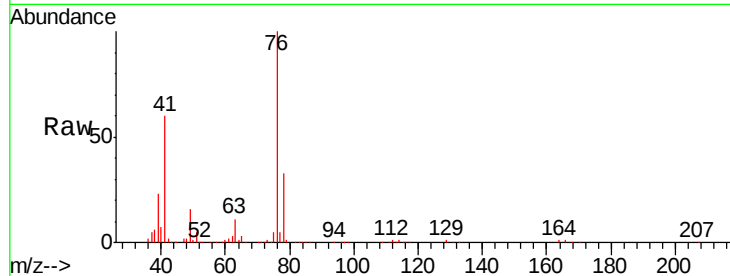
VSTDCCC050

Tgt Ion: 76 Resp: 207116

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

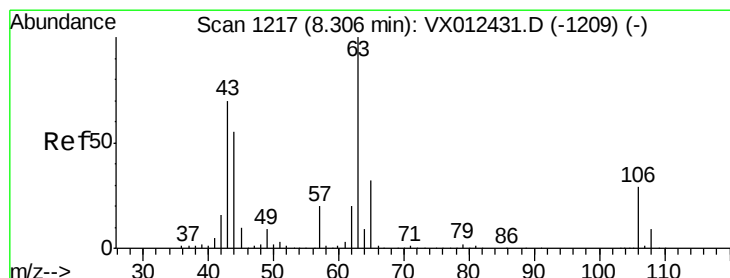
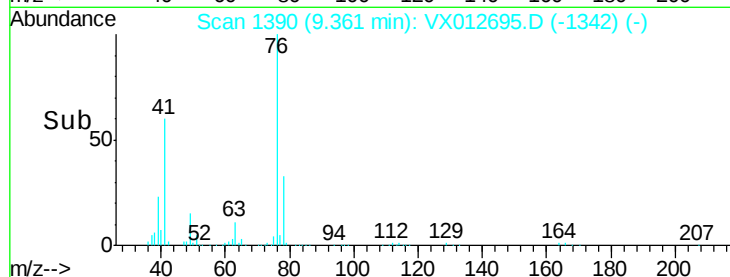
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 255.933 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012695.D

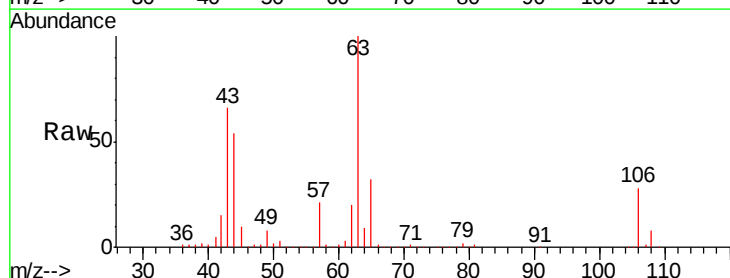
Acq: 30 Sep 2019 10:22

Tgt Ion: 63 Resp: 469537

Ion Ratio Lower Upper

63 100

106 29.0 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

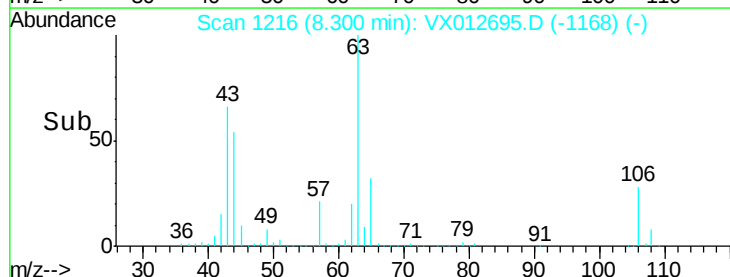
300000

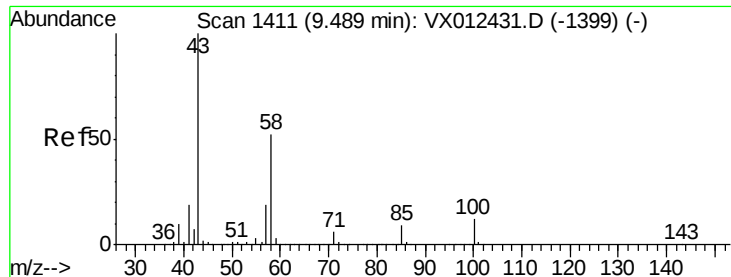
200000

100000

0

Time-->

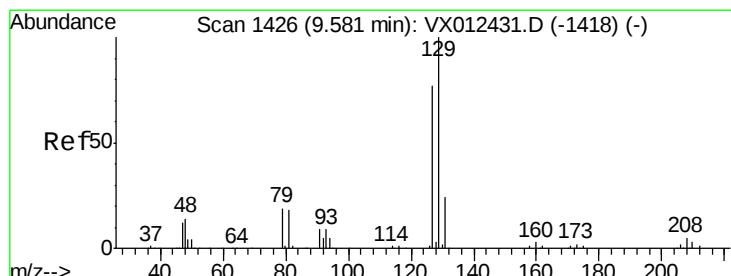
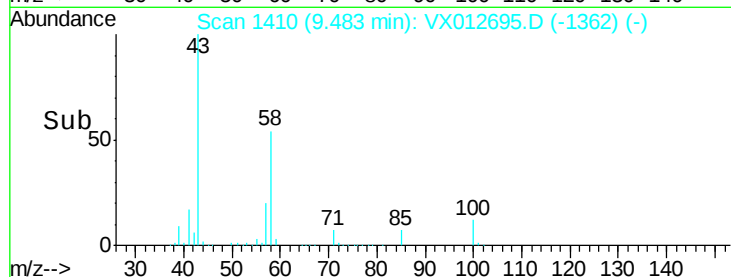
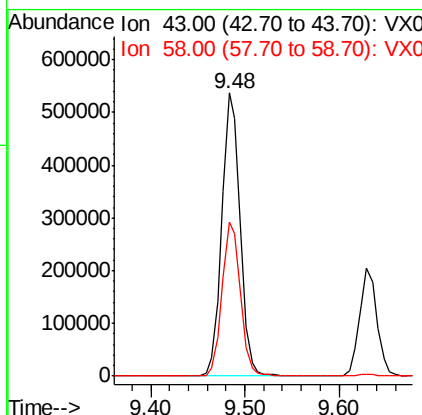
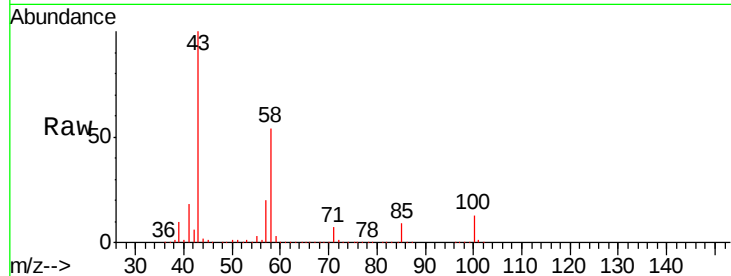




#59
2-Hexanone
Concen: 235.494 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

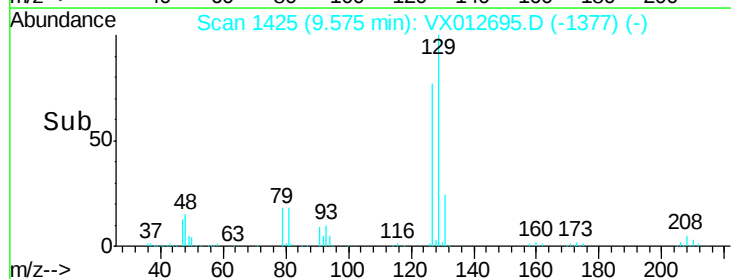
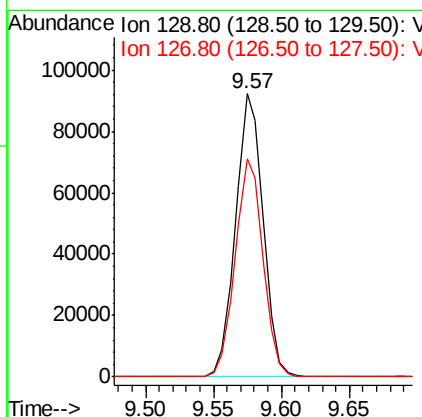
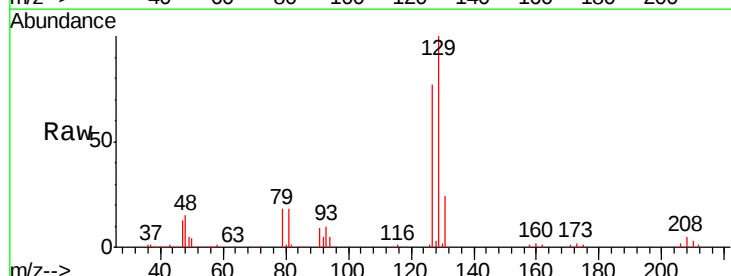
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

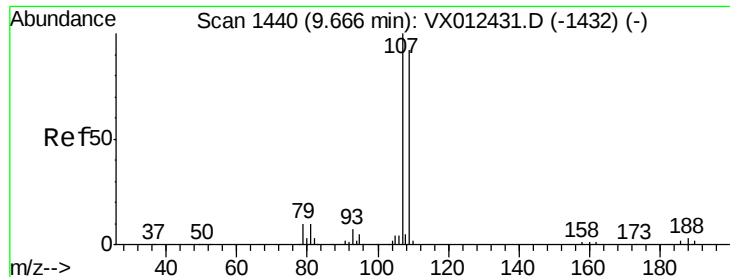
Tgt Ion: 43 Resp: 719853
Ion Ratio Lower Upper
43 100
58 54.8 25.7 77.1



#60
Dibromochloromethane
Concen: 52.812 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion: 129 Resp: 130060
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.388 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

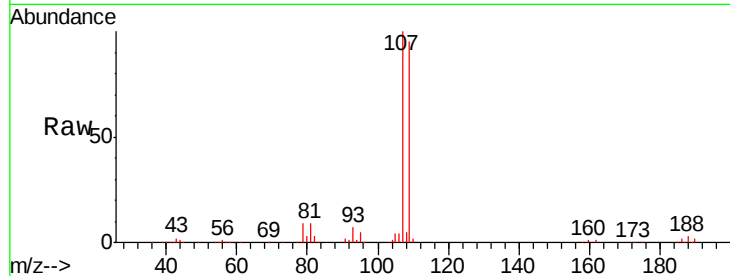
VSTDCCC050

Tgt Ion: 107 Resp: 125044

Ion Ratio Lower Upper

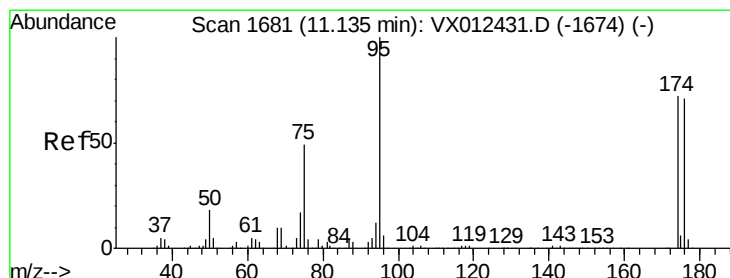
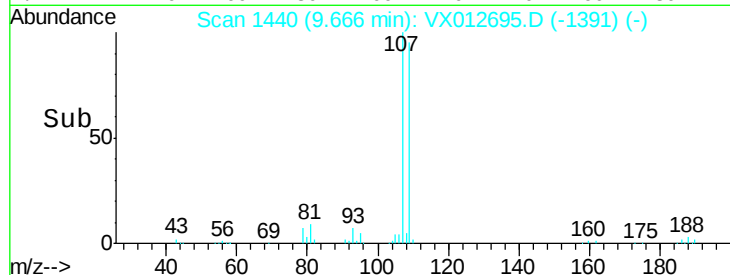
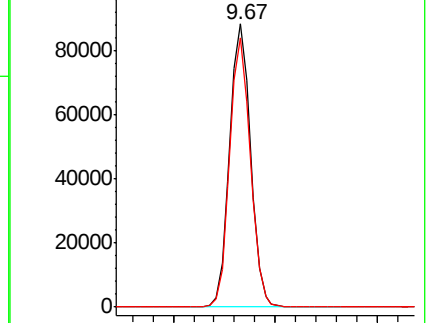
107 100

109 93.9 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.194 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

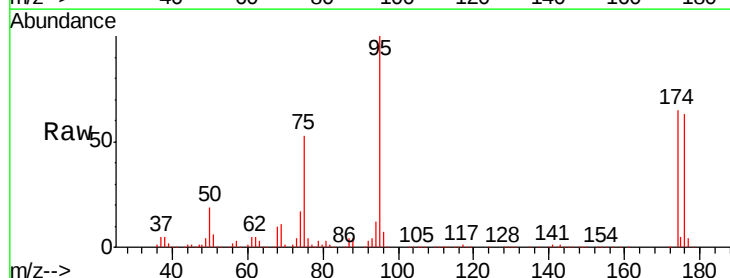
Tgt Ion: 95 Resp: 155393

Ion Ratio Lower Upper

95 100

174 70.8 0.0 140.0

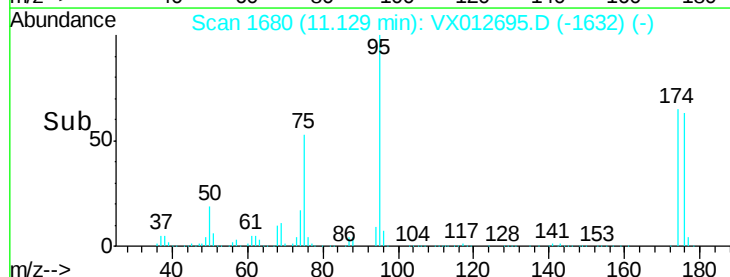
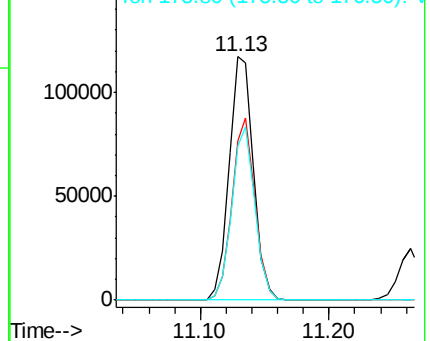
176 67.9 0.0 135.4

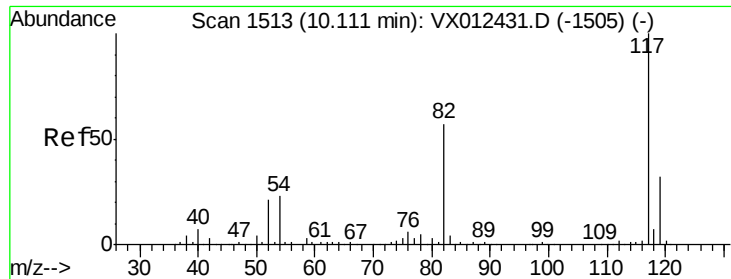


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

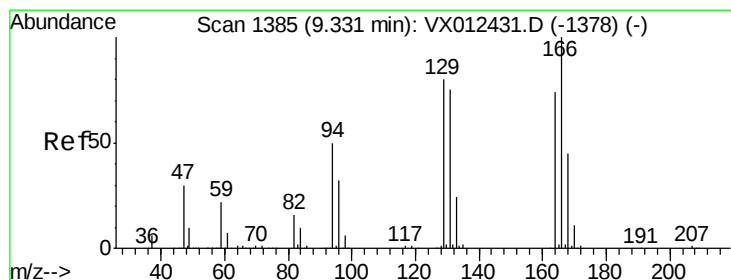
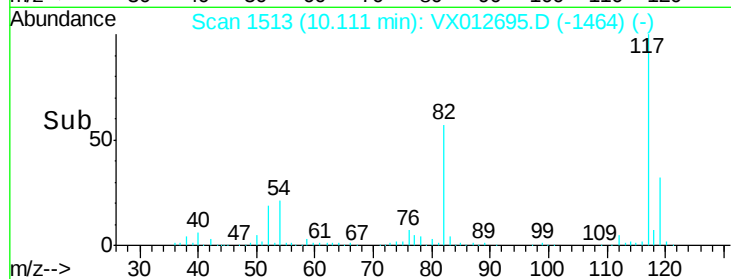
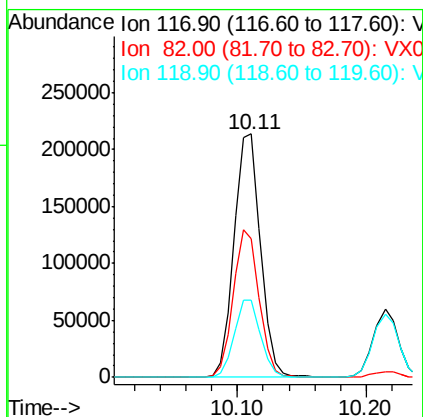
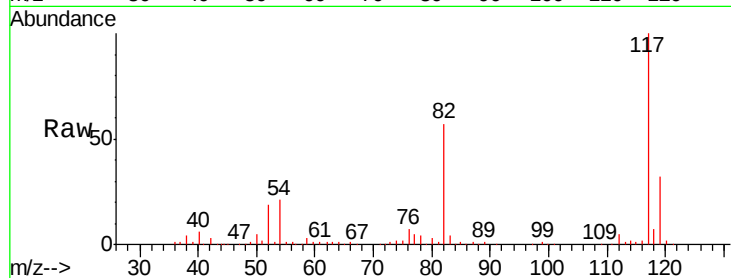




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

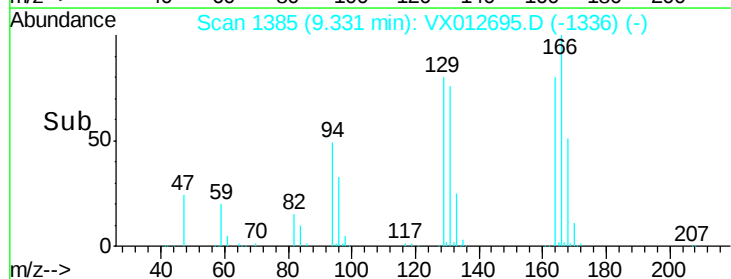
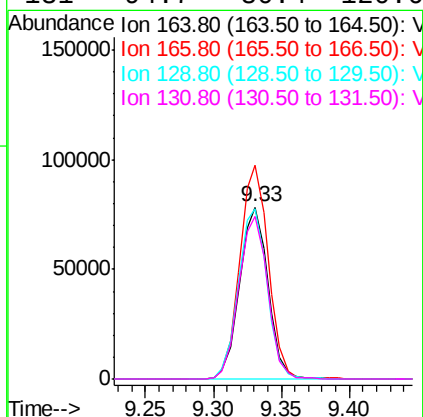
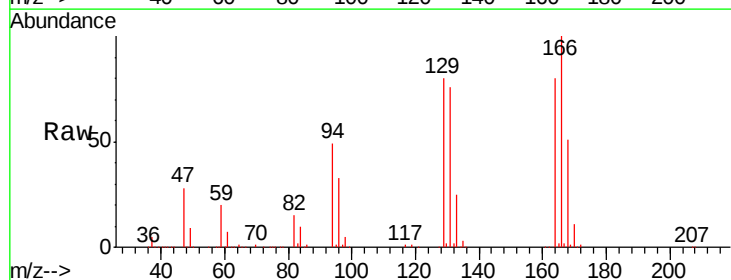
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

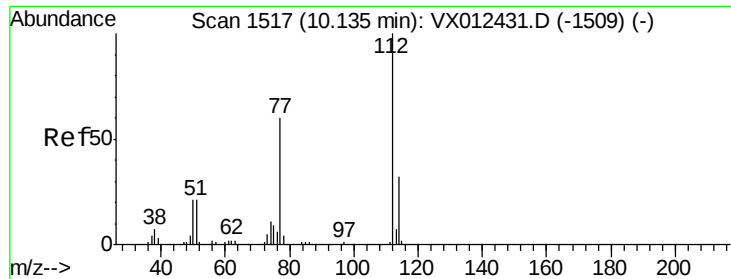
Tgt Ion:117 Resp: 307089
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 53.139 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion:164 Resp: 113775
Ion Ratio Lower Upper
164 100
166 124.4 107.8 161.6
129 99.1 86.2 129.2
131 94.7 80.4 120.6

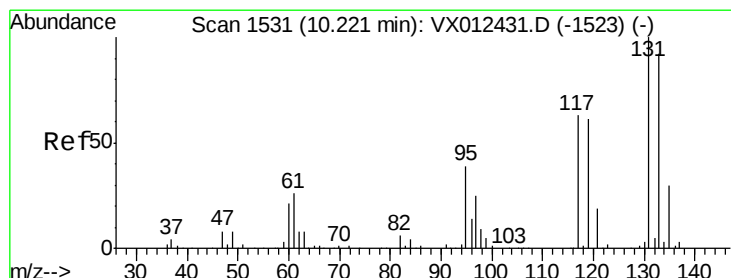
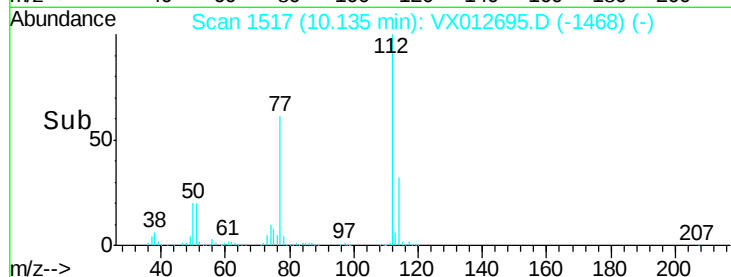
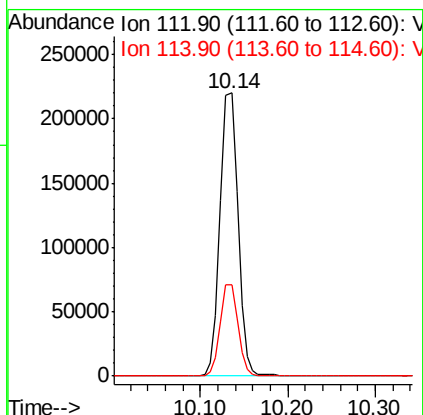
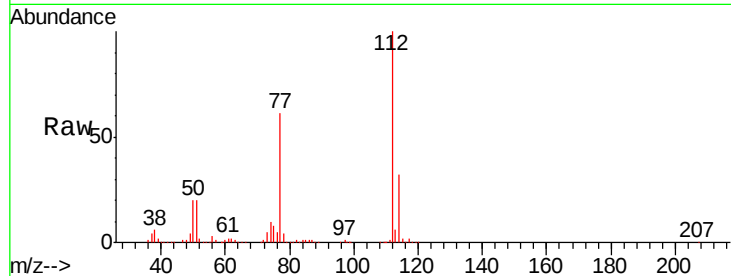




#65
Chlorobenzene
Concen: 48.803 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

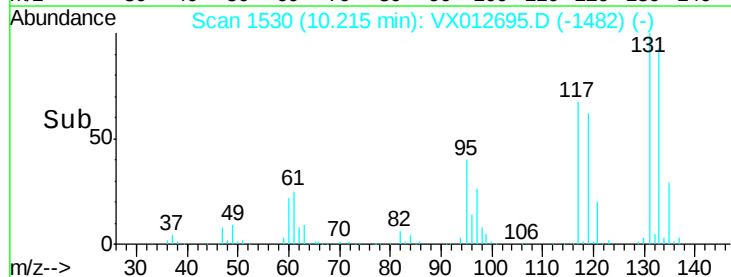
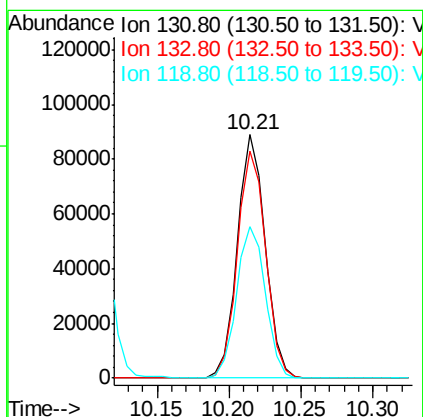
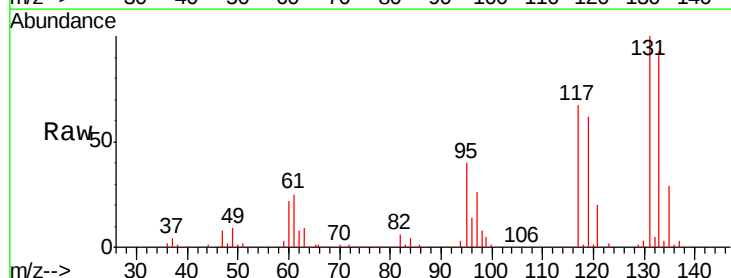
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

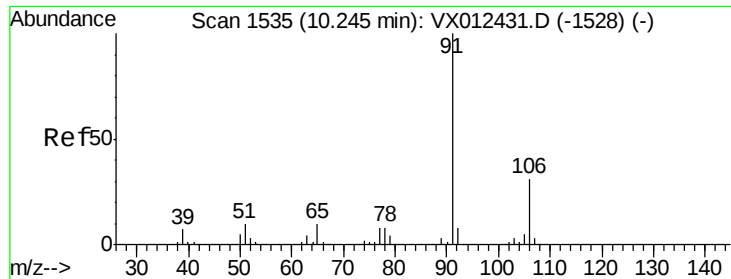
Tgt Ion:112 Resp: 315591
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.091 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion:131 Resp: 119708
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 64.3 31.3 93.8





#67

Ethyl Benzene

Concen: 49.988 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

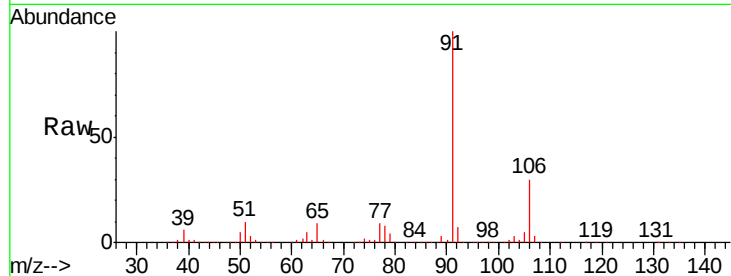
VSTDCCC050

Tgt Ion: 91 Resp: 586306

Ion Ratio Lower Upper

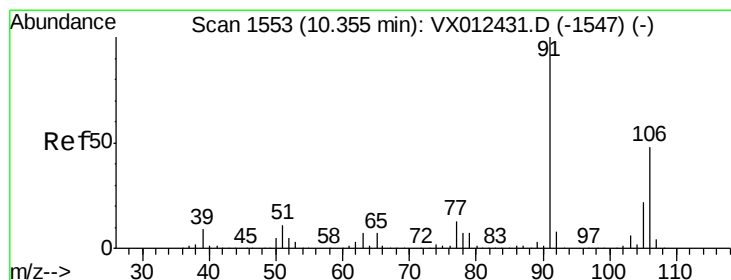
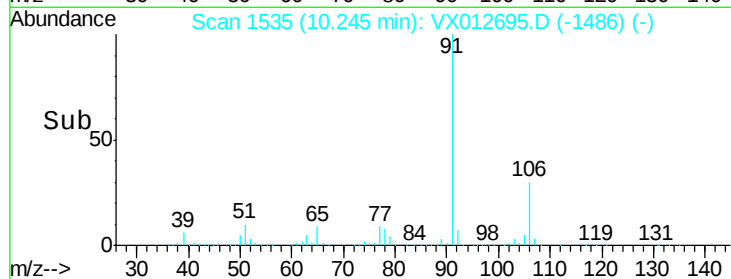
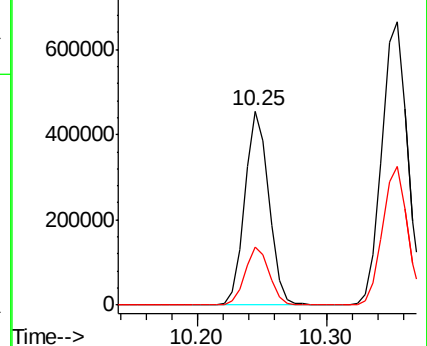
91 100

106 30.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 99.563 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012695.D

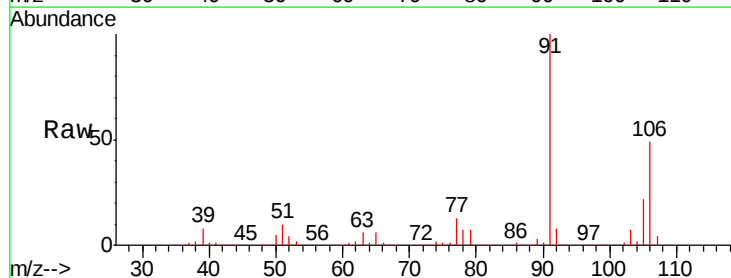
Acq: 30 Sep 2019 10:22

Tgt Ion: 106 Resp: 437445

Ion Ratio Lower Upper

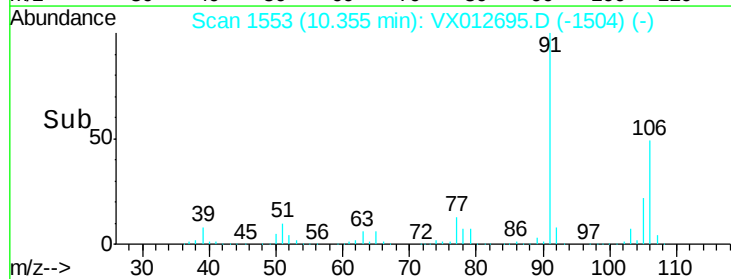
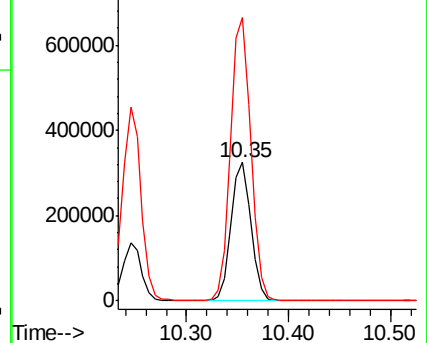
106 100

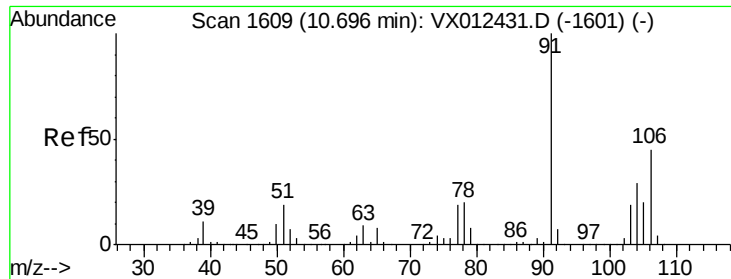
91 208.9 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

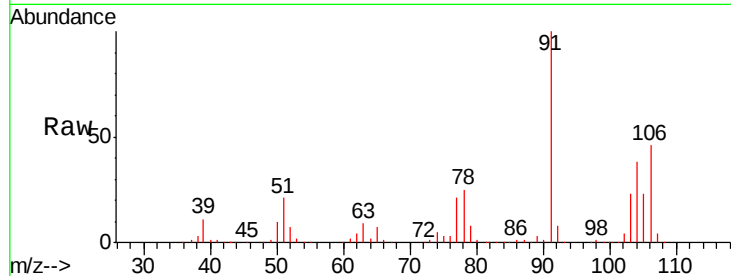




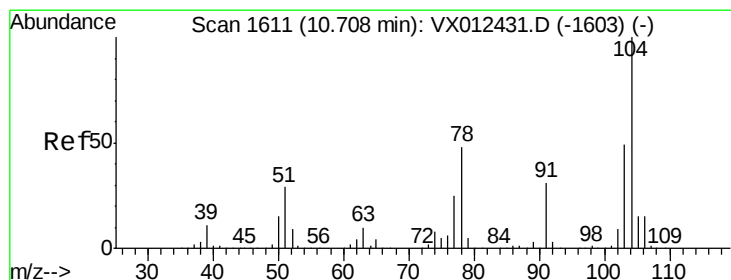
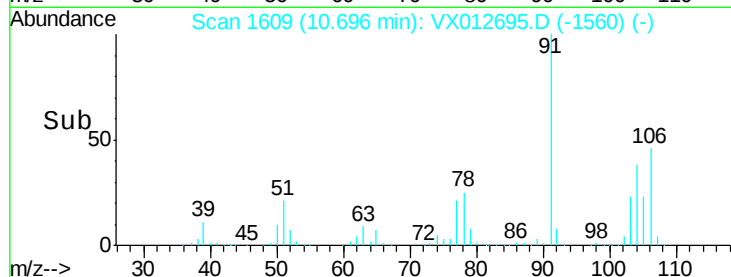
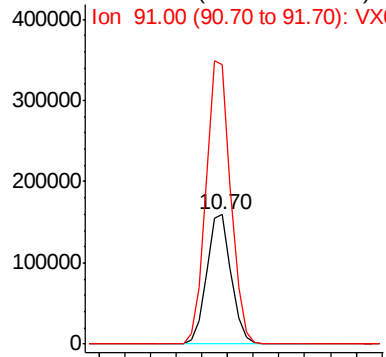
#69
o-Xylene
Concen: 49.584 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 210800
Ion Ratio Lower Upper
106 100
91 220.9 109.4 328.2

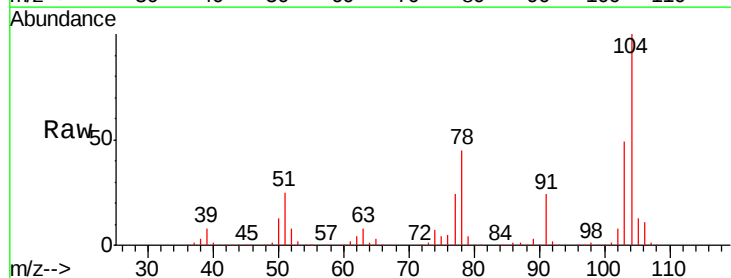


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

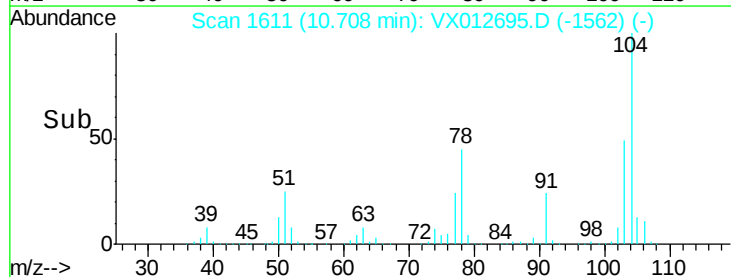
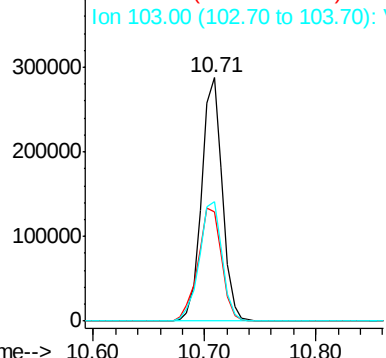


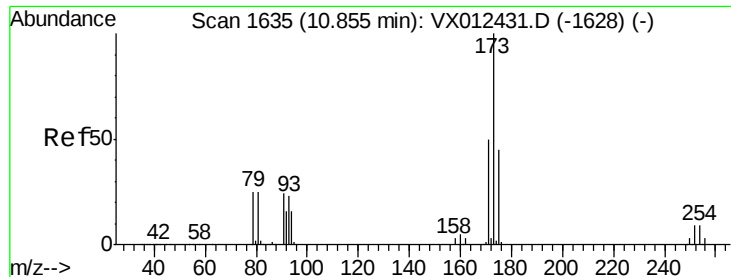
#70
Styrene
Concen: 51.678 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion:104 Resp: 368315
Ion Ratio Lower Upper
104 100
78 53.1 43.4 65.2
103 54.3 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.945 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

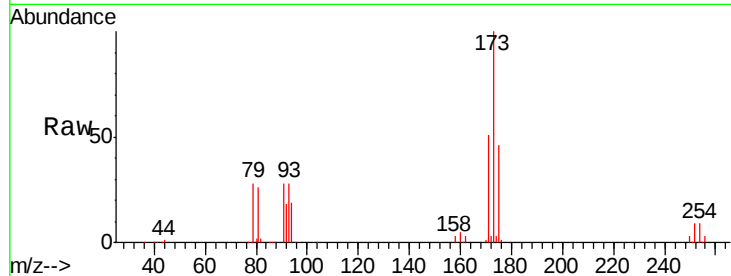
Tgt Ion:173 Resp: 88010

Ion Ratio Lower Upper

173 100

175 47.9 23.7 71.1

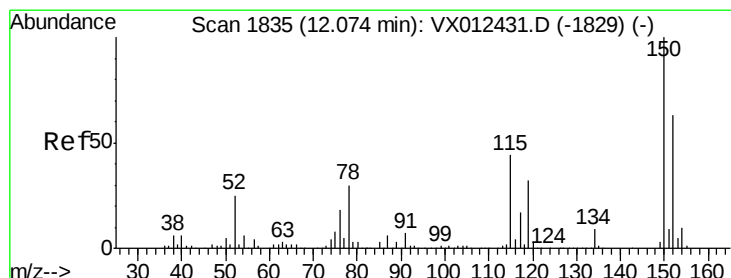
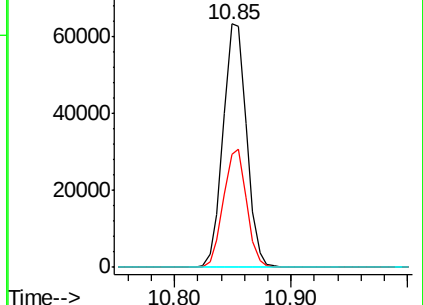
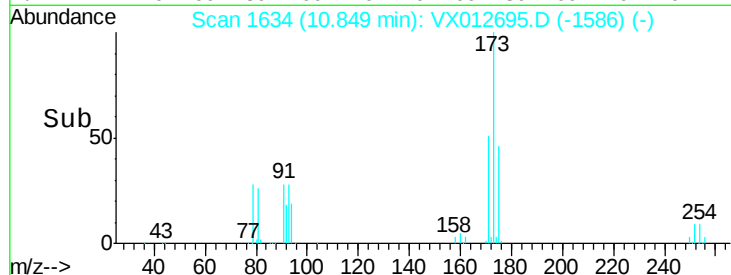
254 0.2 0.1 0.1#



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: VX012695.D

Acq: 30 Sep 2019 10:22

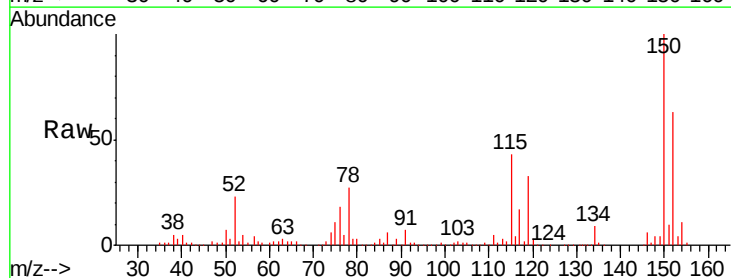
Tgt Ion:152 Resp: 146832

Ion Ratio Lower Upper

152 100

115 91.1 44.1 132.3

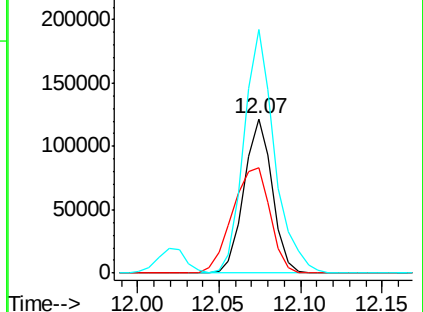
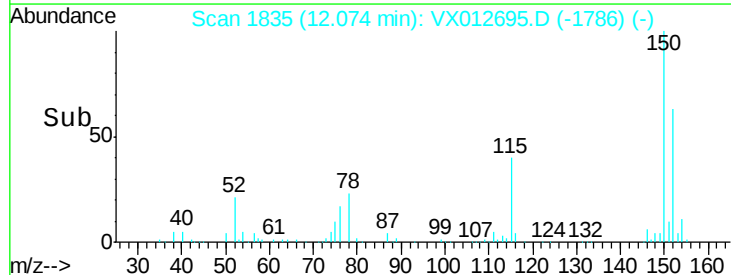
150 171.5 0.0 343.8

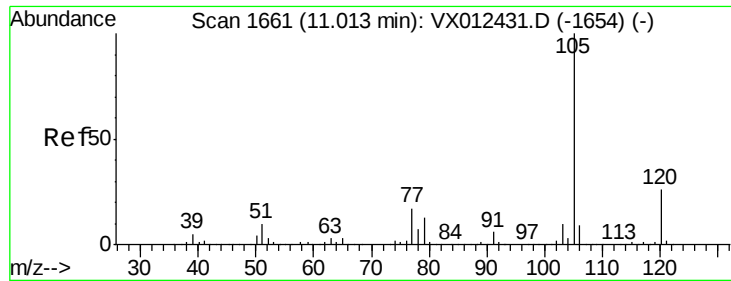


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.078 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

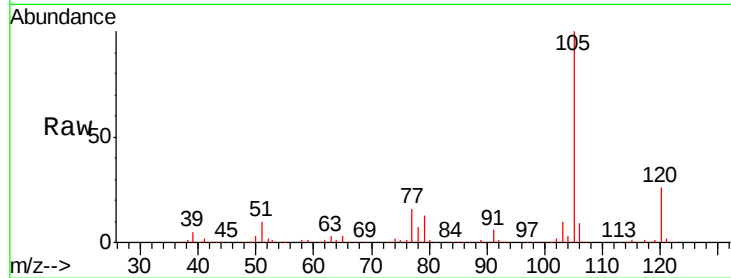
VSTDCCC050

Tgt Ion: 105 Resp: 574961

Ion Ratio Lower Upper

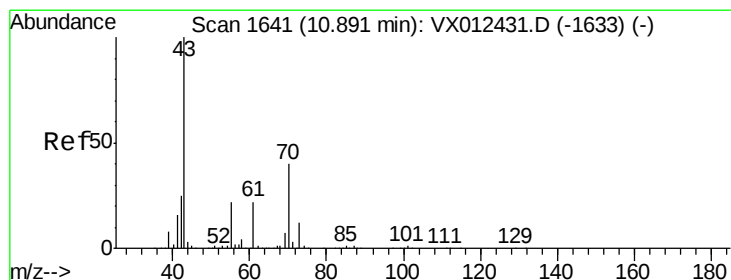
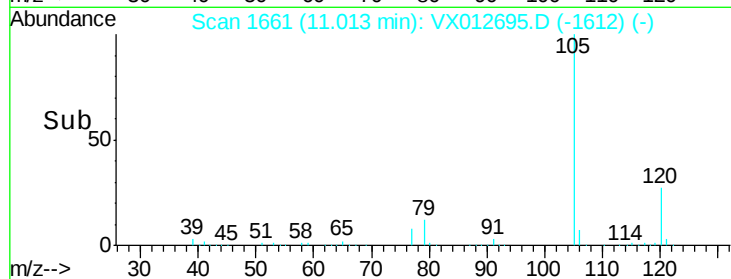
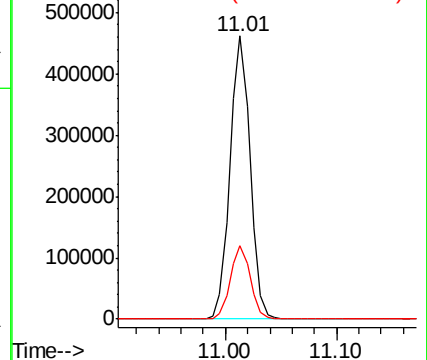
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.798 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Tgt Ion: 43 Resp: 266998

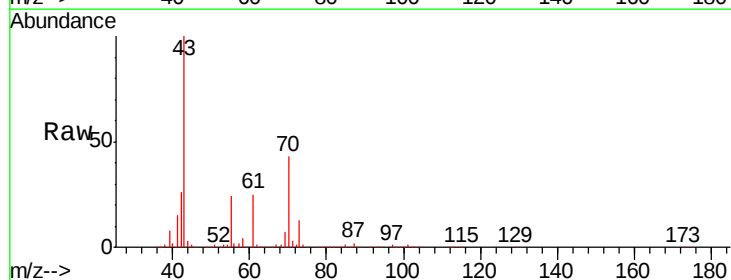
Ion Ratio Lower Upper

43 100

70 43.0 32.4 48.6

55 24.1 18.2 27.4

61 24.5 18.5 27.7

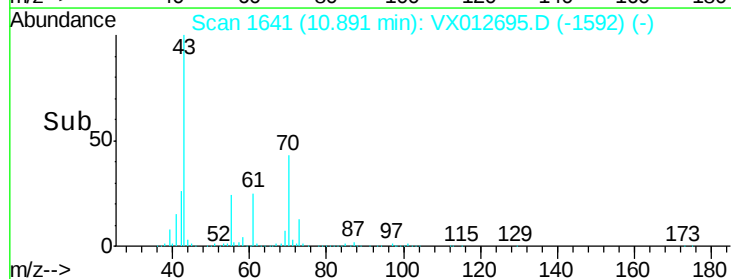
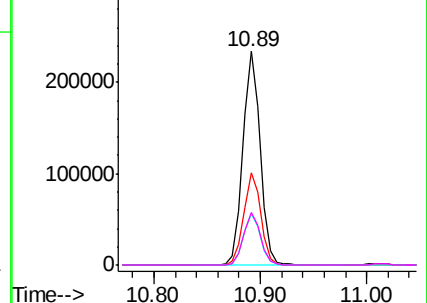


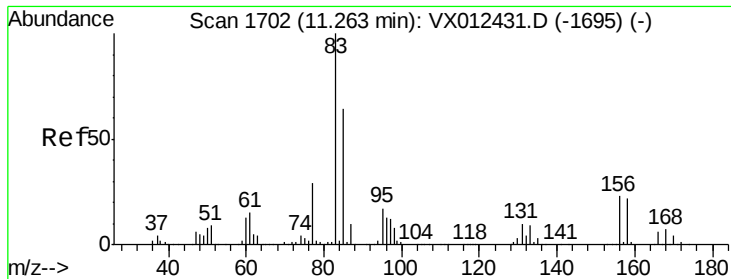
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.307 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

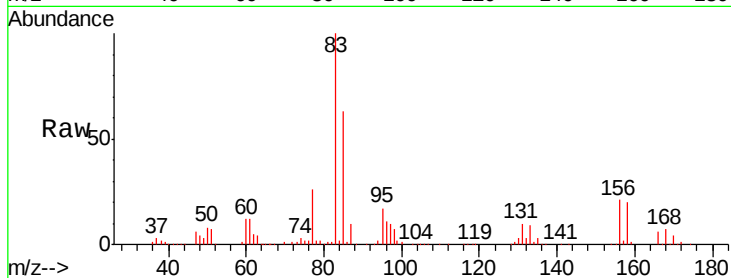
Tgt Ion: 83 Resp: 183406

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

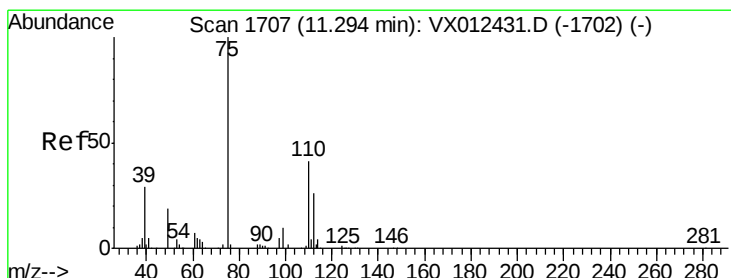
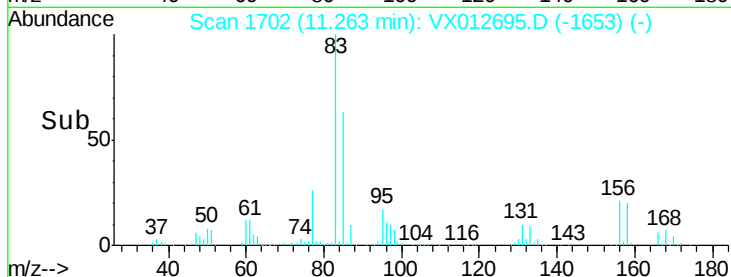
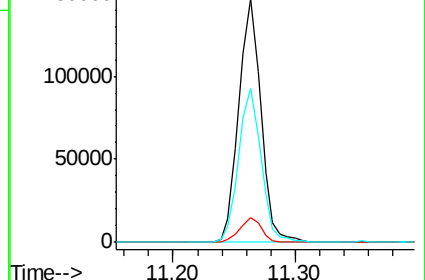
85 64.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.319 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX012695.D

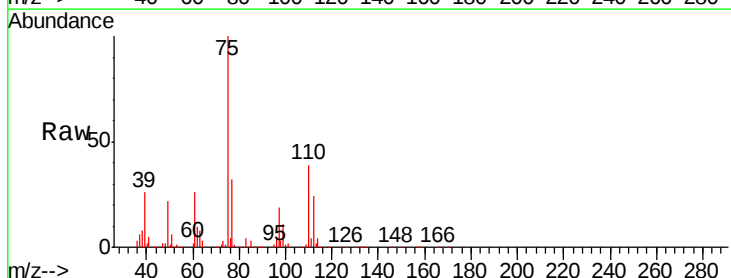
Acq: 30 Sep 2019 10:22

Tgt Ion: 75 Resp: 222631

Ion Ratio Lower Upper

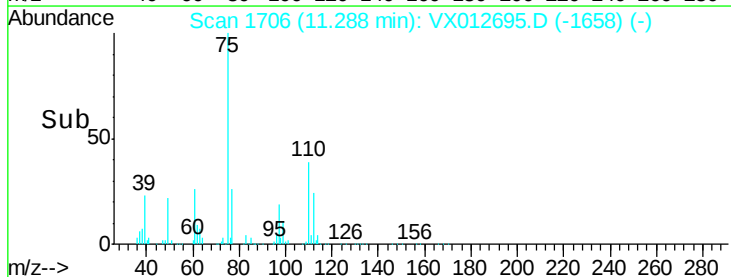
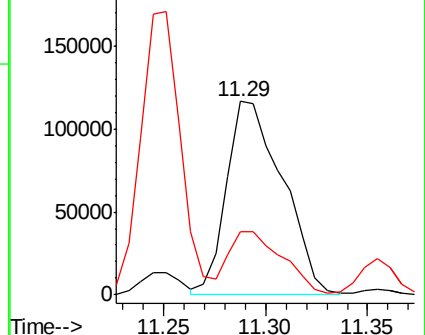
75 100

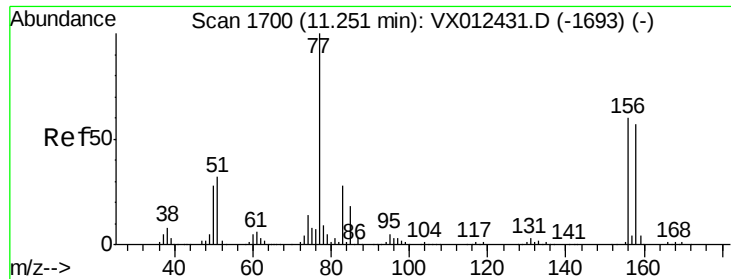
77 31.0 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.226 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

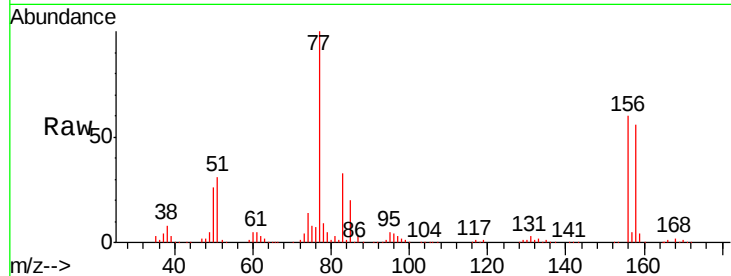
Tgt Ion:156 Resp: 127823

Ion Ratio Lower Upper

156 100

77 181.5 87.3 261.8

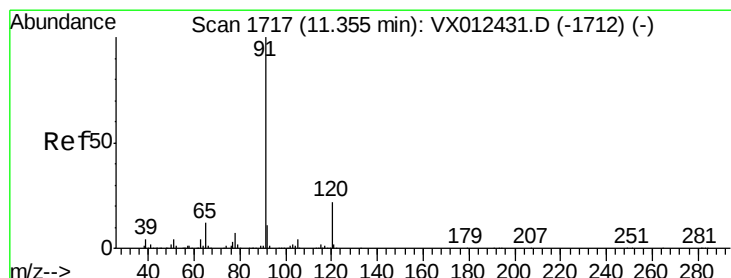
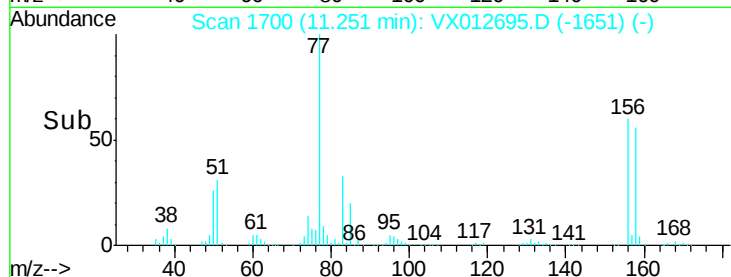
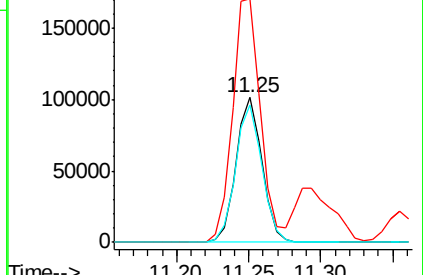
158 96.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.649 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012695.D

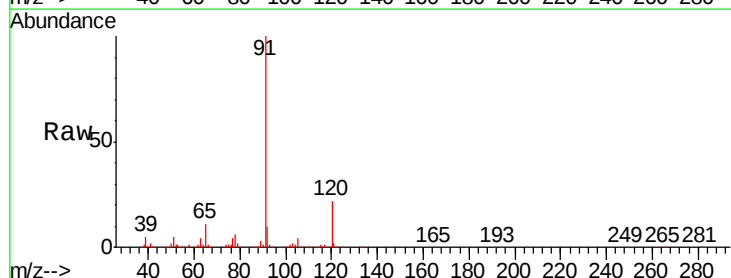
Acq: 30 Sep 2019 10:22

Tgt Ion: 91 Resp: 654996

Ion Ratio Lower Upper

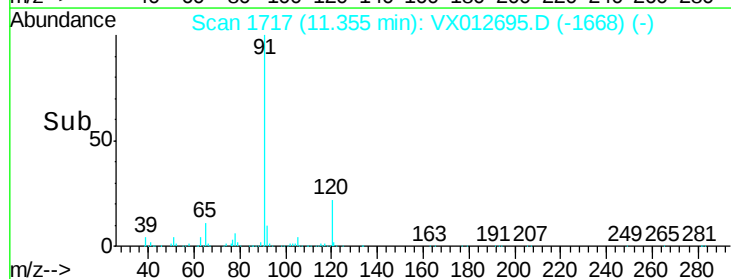
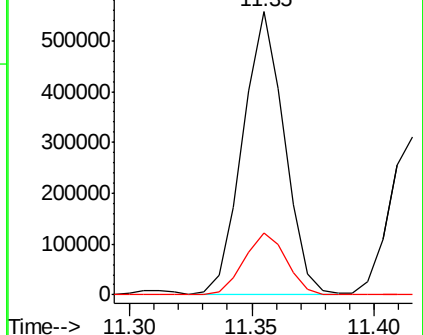
91 100

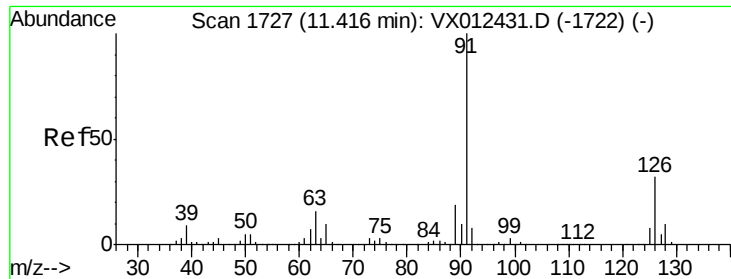
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

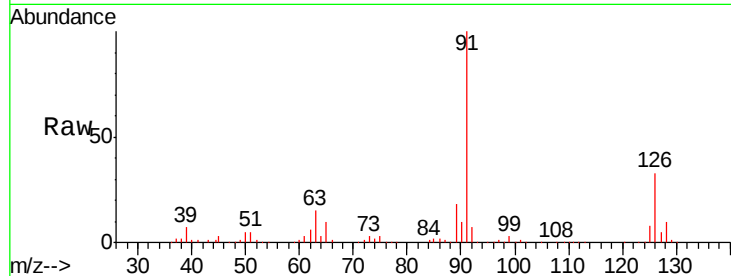




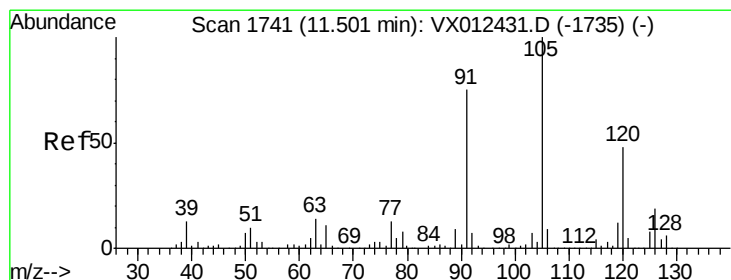
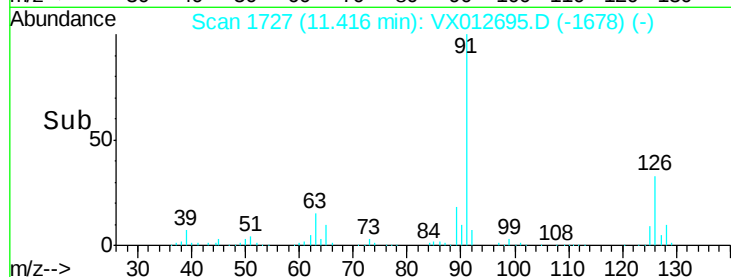
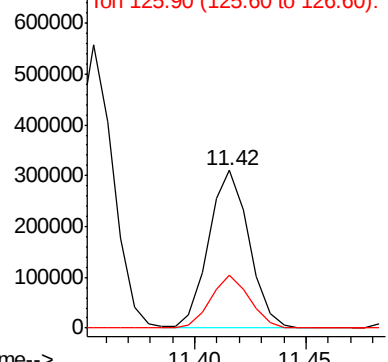
#79
 2-Chlorotoluene
 Concen: 46.621 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 391565
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.4 49.4

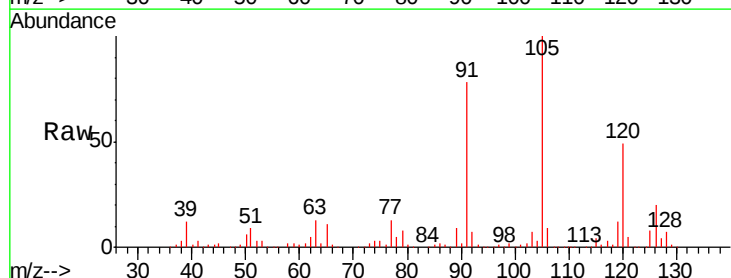


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

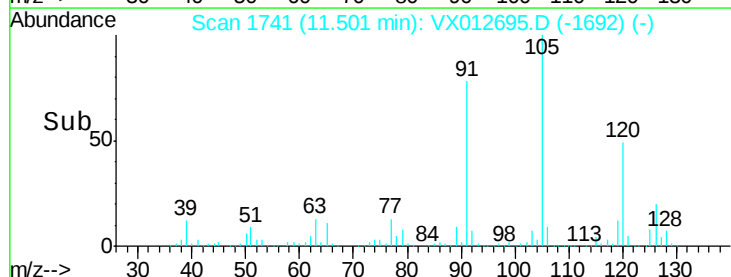
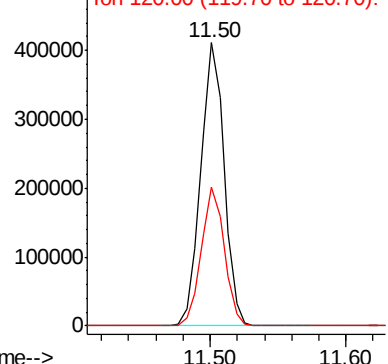


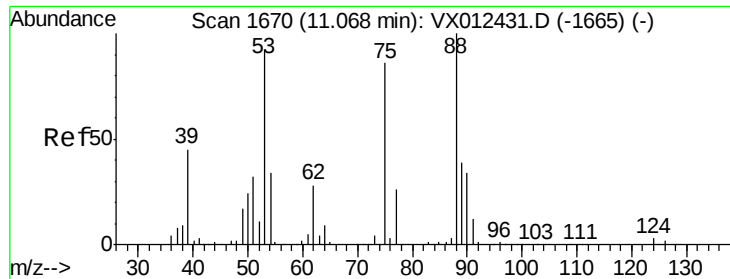
#80
 1,3,5-Trimethylbenzene
 Concen: 48.831 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Tgt Ion: 105 Resp: 489702
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 46.950 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

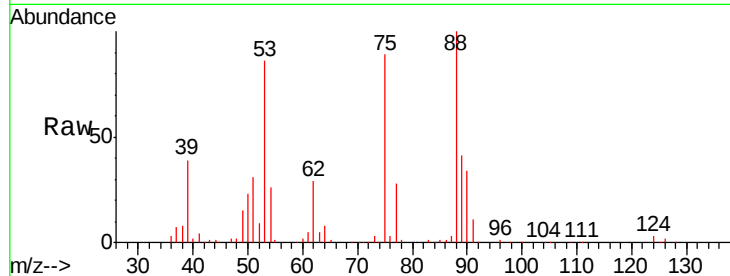
Tgt Ion: 75 Resp: 63633

Ion Ratio Lower Upper

75 100

53 99.6 83.6 125.4

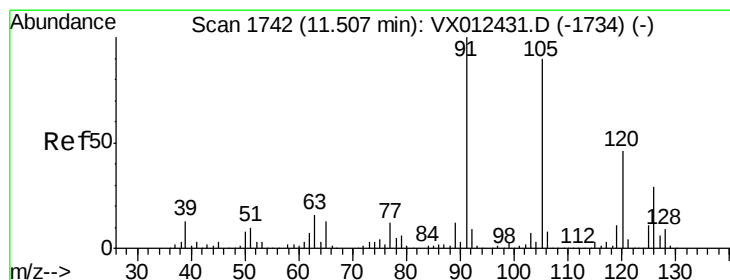
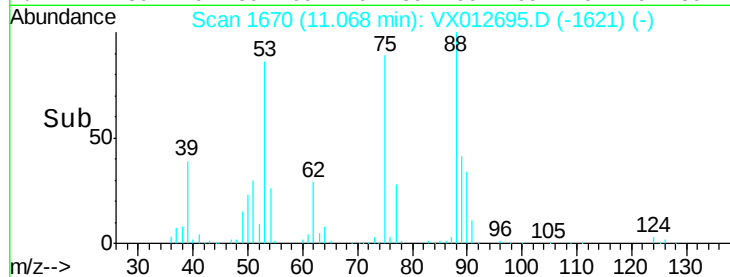
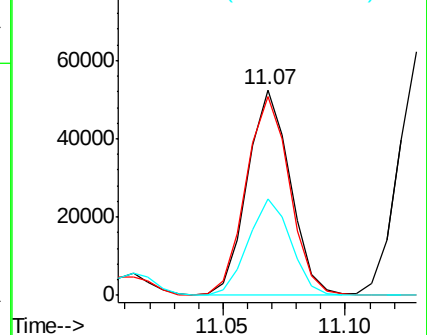
89 47.1 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.529 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012695.D

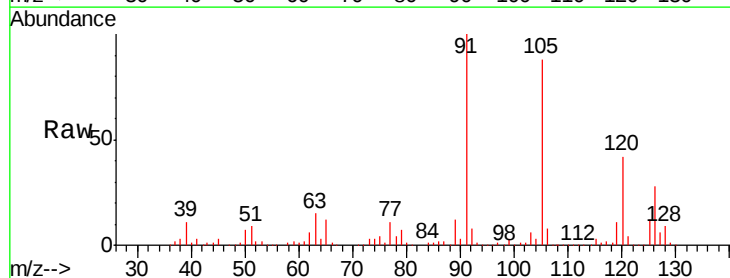
Acq: 30 Sep 2019 10:22

Tgt Ion: 91 Resp: 464633

Ion Ratio Lower Upper

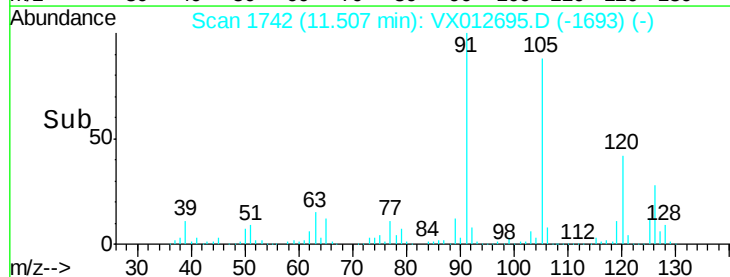
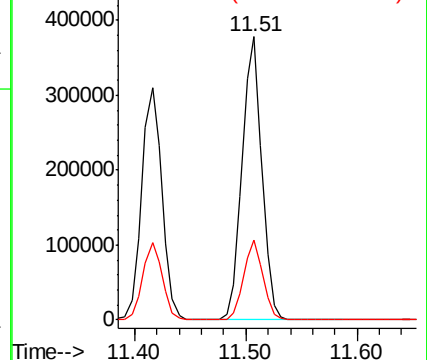
91 100

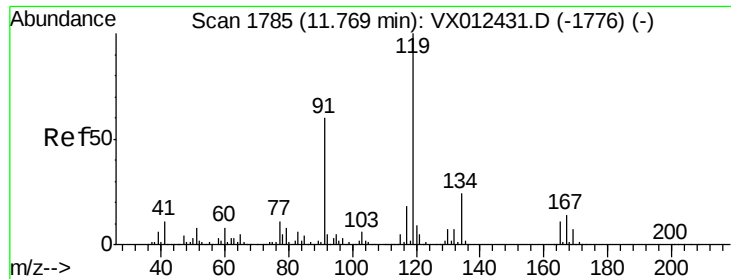
126 27.6 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

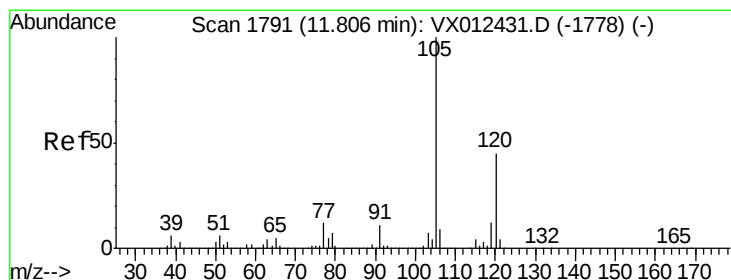
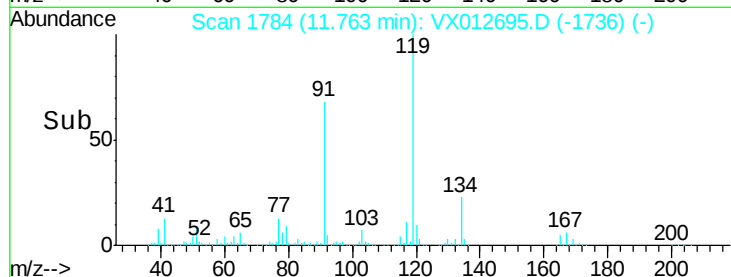
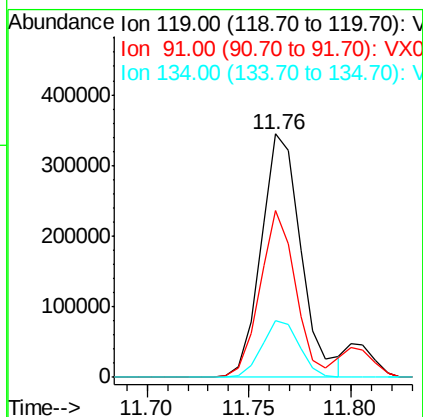
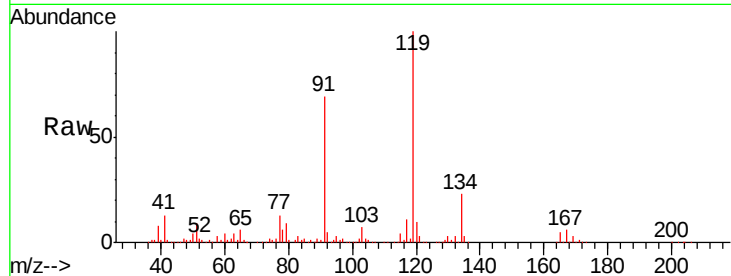




#83
tert-Butylbenzene
Concen: 48.427 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

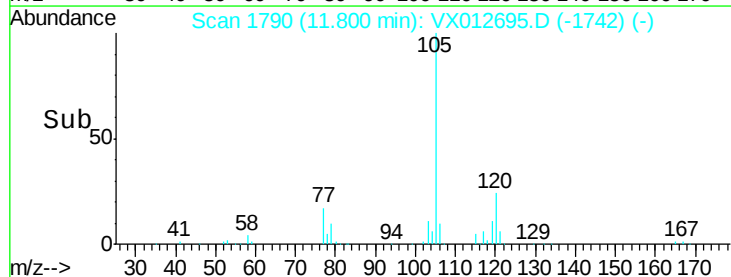
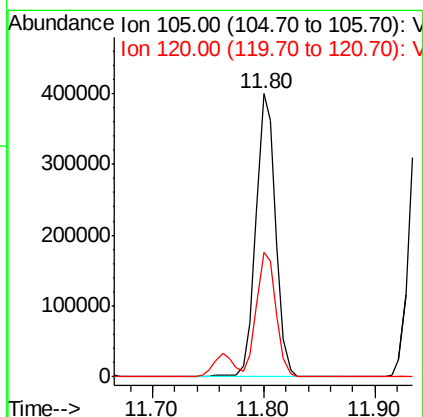
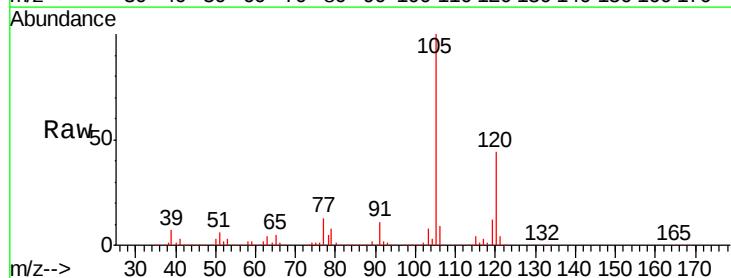
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

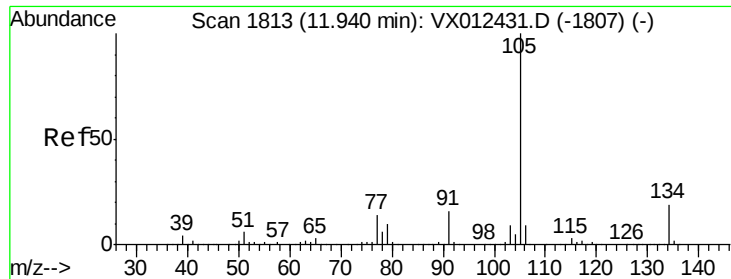
Tgt Ion:119 Resp: 468482
Ion Ratio Lower Upper
119 100
91 61.1 30.0 90.0
134 22.1 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 48.548 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion:105 Resp: 491140
Ion Ratio Lower Upper
105 100
120 43.8 22.2 66.6

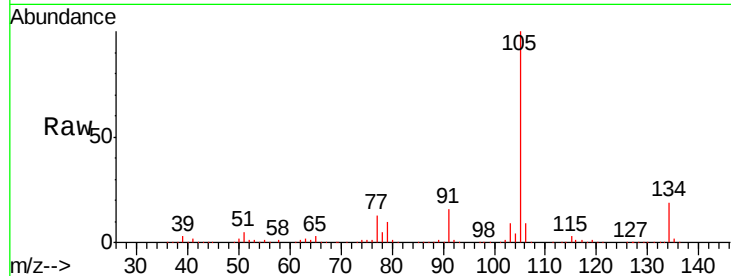




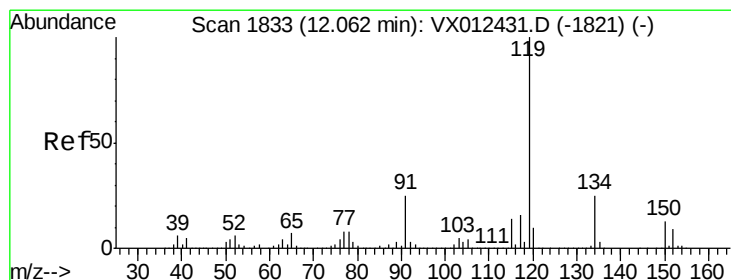
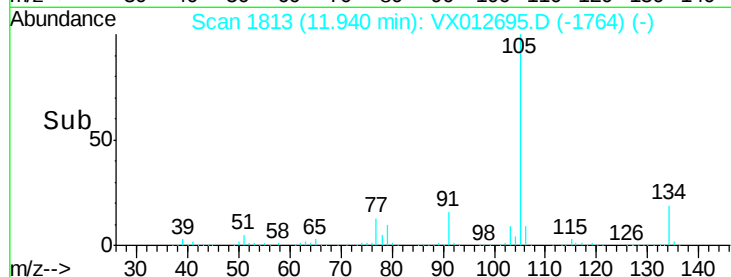
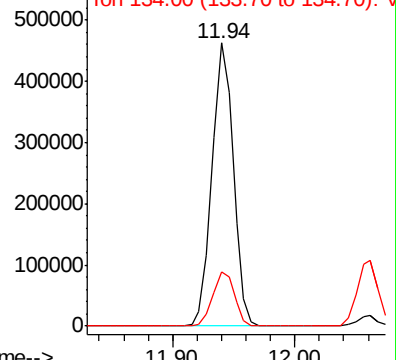
#85
 sec-Butylbenzene
 Concen: 49.424 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 556113
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

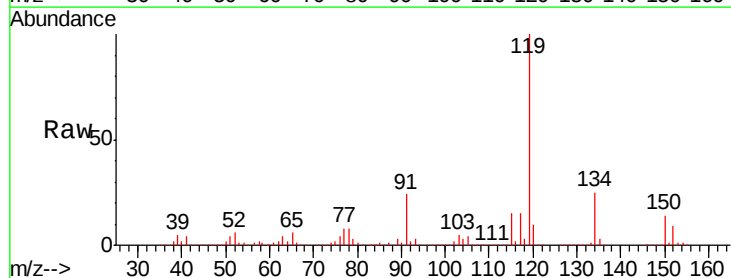


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

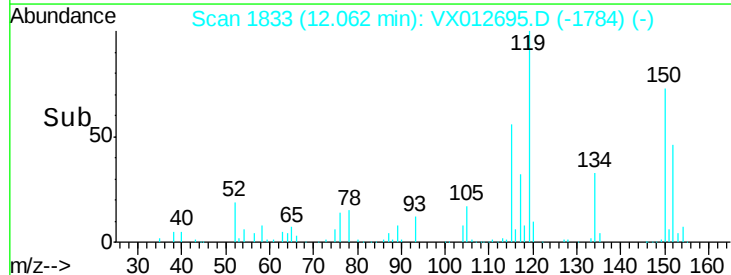
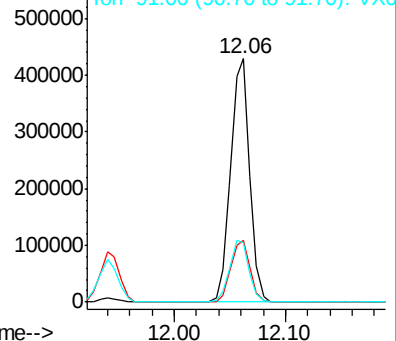


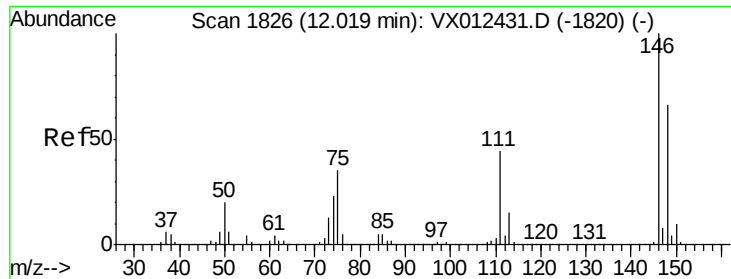
#86
 p-Isopropyltoluene
 Concen: 50.447 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Tgt Ion:119 Resp: 512170
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 25.5 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

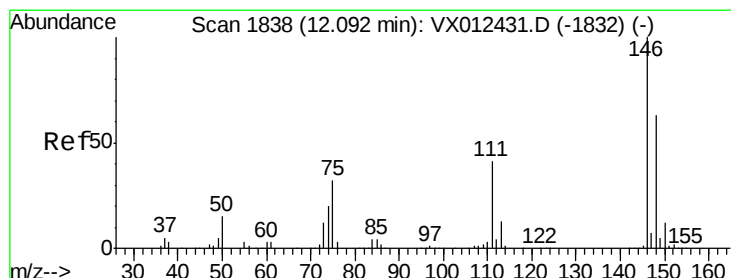
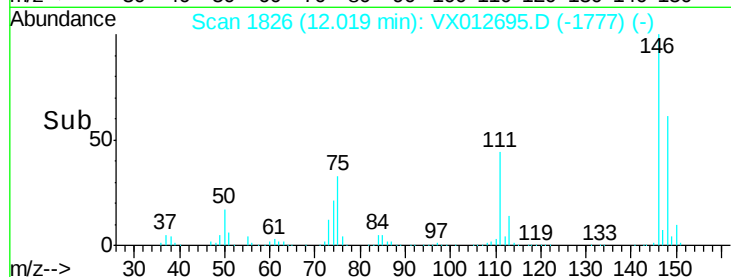
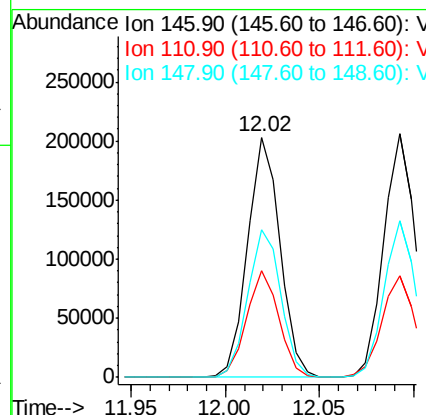
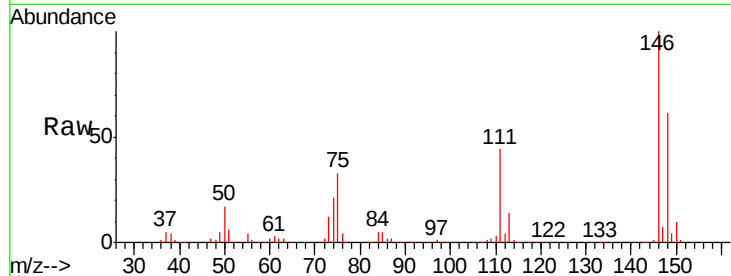




#87
 1,3-Dichlorobenzene
 Concen: 49.913 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

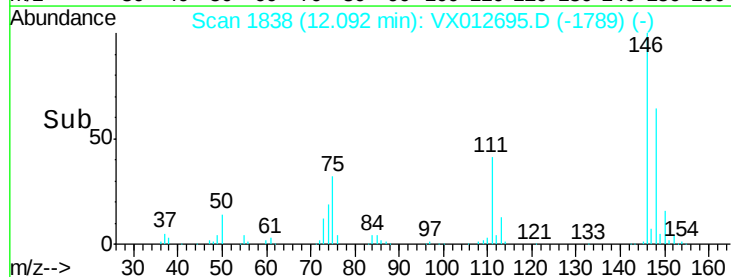
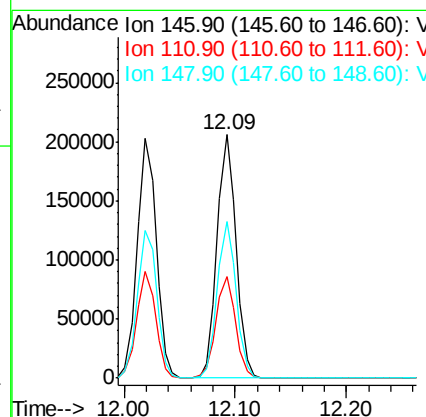
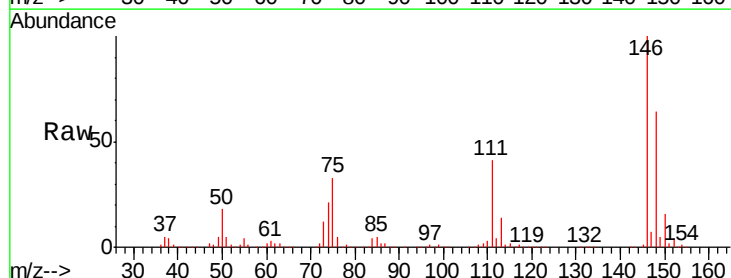
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

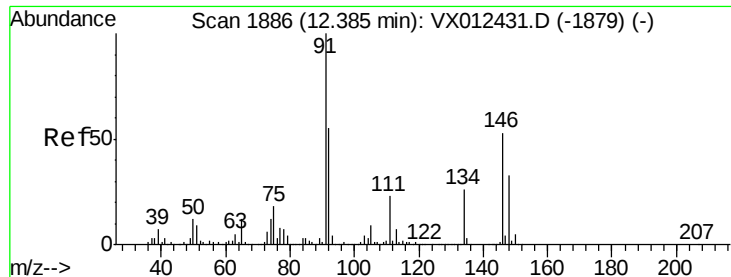
Tgt Ion:146 Resp: 243123
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.3 64.0
 148 62.7 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 49.632 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Tgt Ion:146 Resp: 244291
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.3
 148 63.6 32.1 96.5

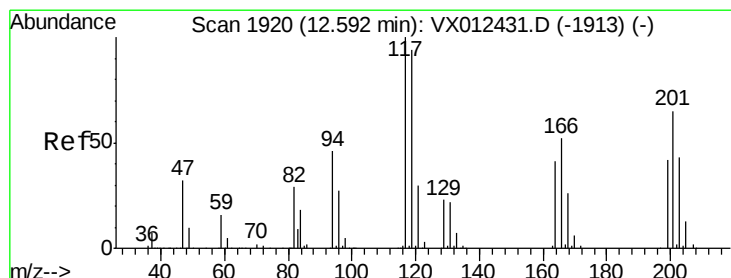
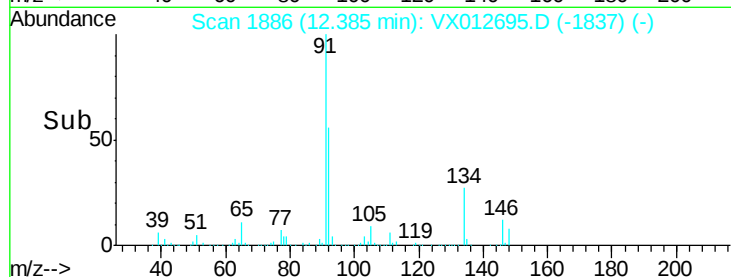
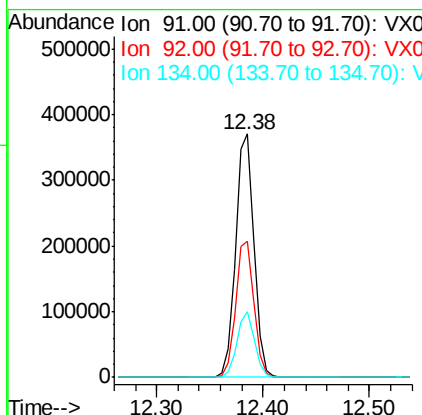
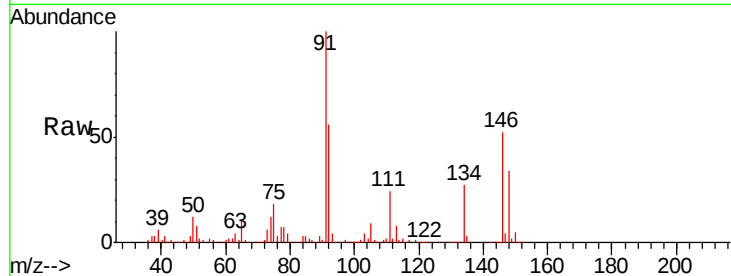




#89
n-Butylbenzene
Concen: 49.871 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

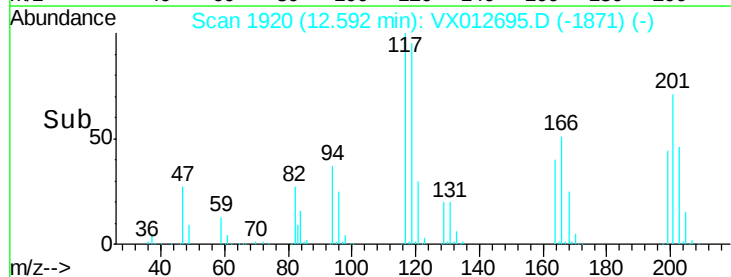
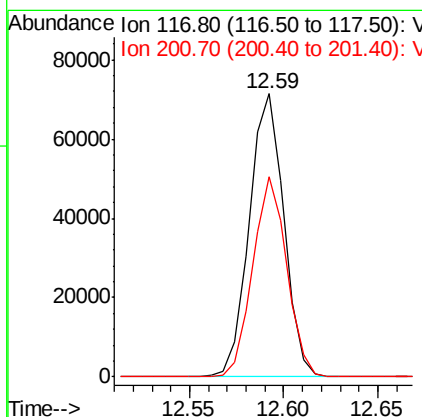
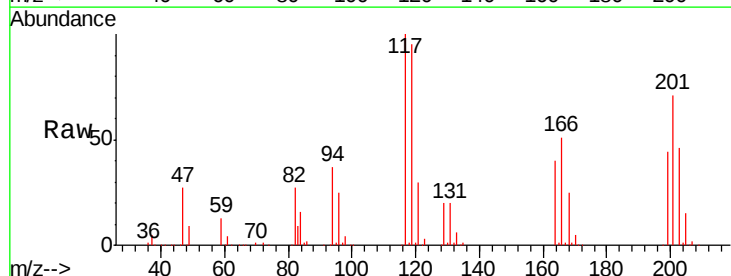
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 446170
Ion Ratio Lower Upper
91 100
92 55.8 27.7 83.0
134 25.9 12.9 38.6



#90
Hexachloroethane
Concen: 50.168 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion: 117 Resp: 90806
Ion Ratio Lower Upper
117 100
201 69.5 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 49.344 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

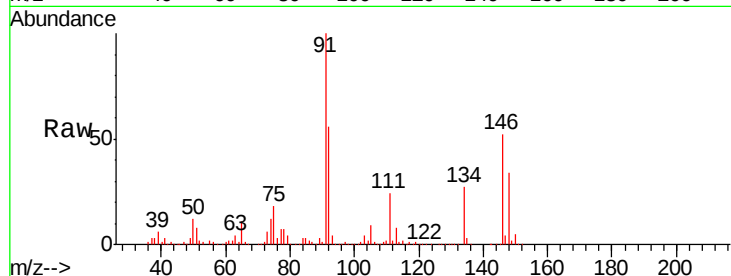
Tgt Ion:146 Resp: 240628

Ion Ratio Lower Upper

146 100

111 45.6 22.1 66.1

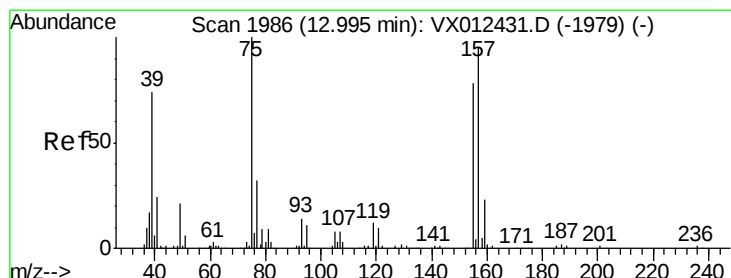
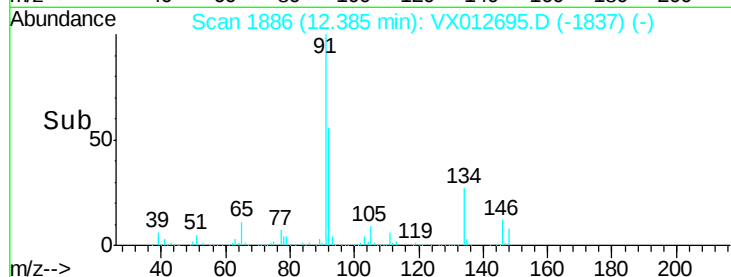
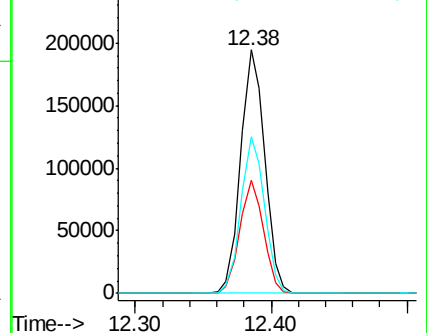
148 63.0 31.3 93.9



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: 46.126 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012695.D

Acq: 30 Sep 2019 10:22

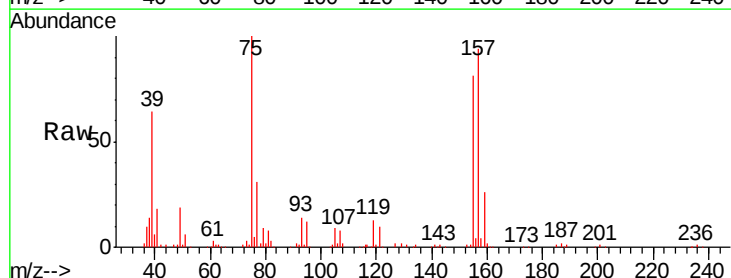
Tgt Ion: 75 Resp: 45699

Ion Ratio Lower Upper

75 100

155 79.2 38.6 115.8

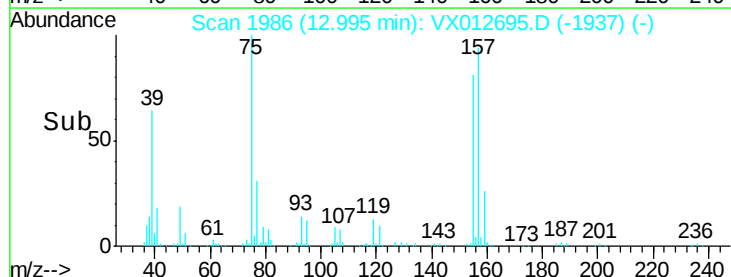
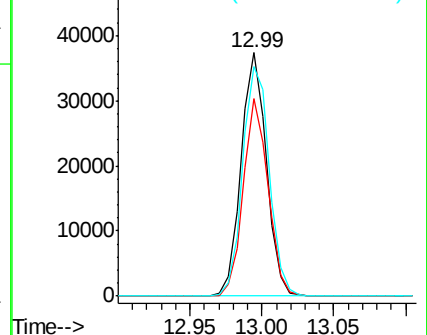
157 99.1 50.6 151.9

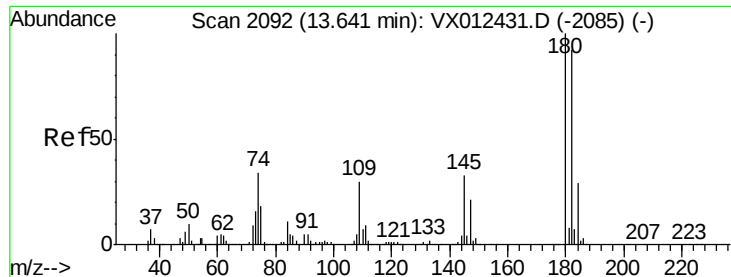


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

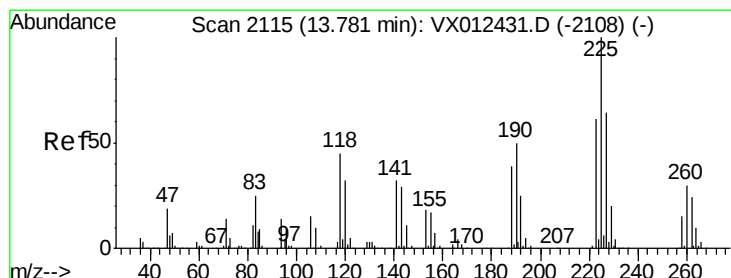
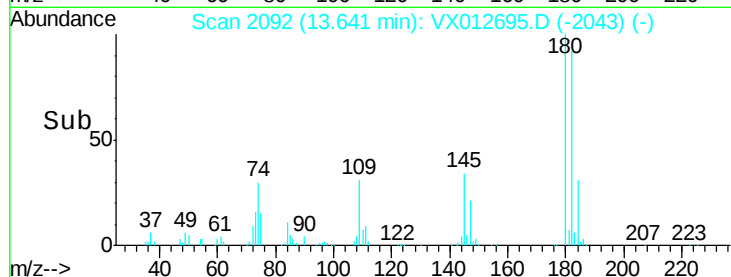
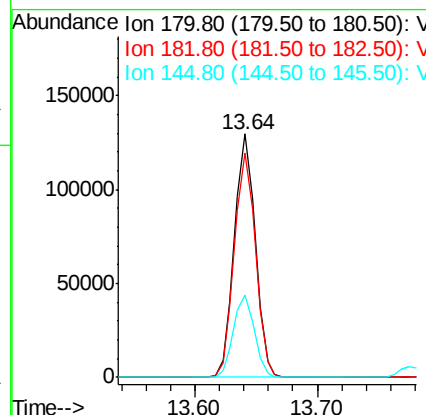
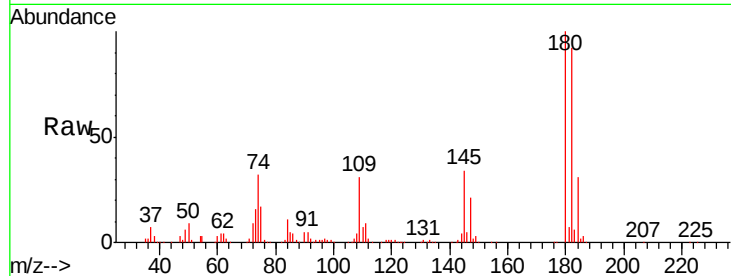




#93
 1,2,4-Trichlorobenzene
 Concen: 51.445 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

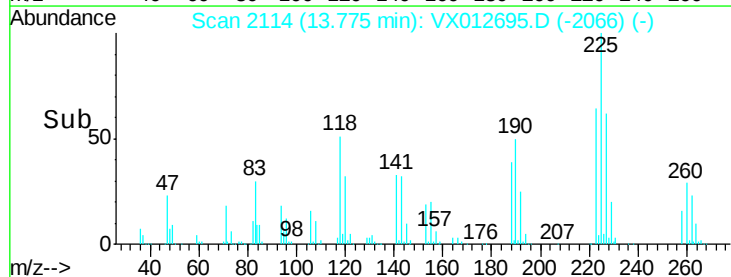
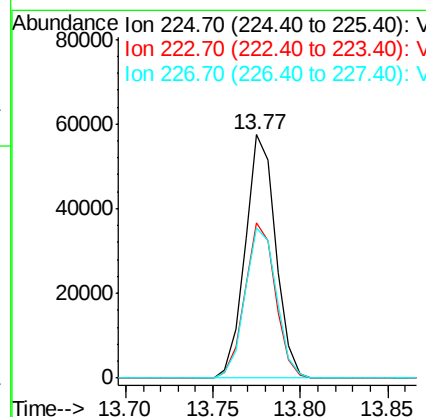
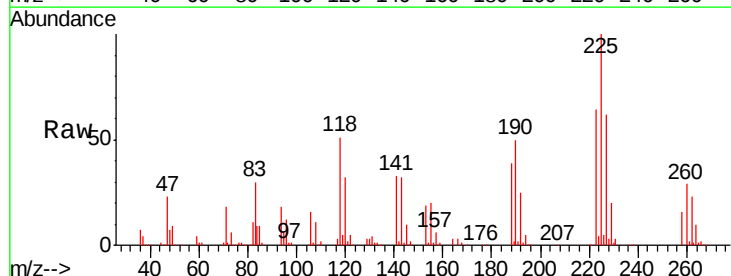
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

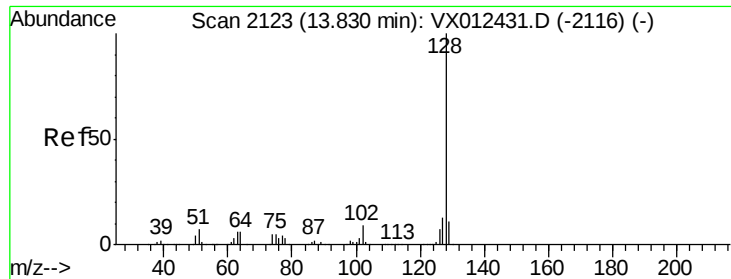
Tgt Ion	Resp	Lower	Upper
180	152996		
182	93.7	47.0	141.0
145	33.8	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 54.052 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012695.D
 Acq: 30 Sep 2019 10:22

Tgt Ion	Resp	Lower	Upper
225	69154		
223	63.7	32.0	96.2
227	63.8	31.9	95.5

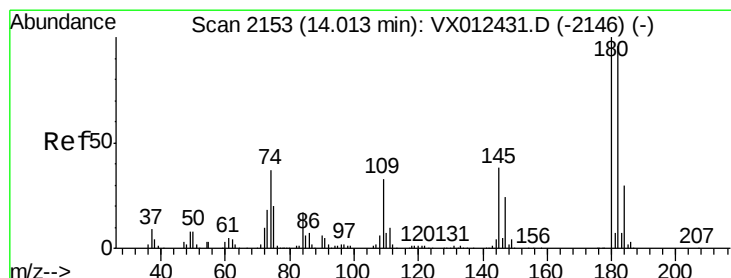
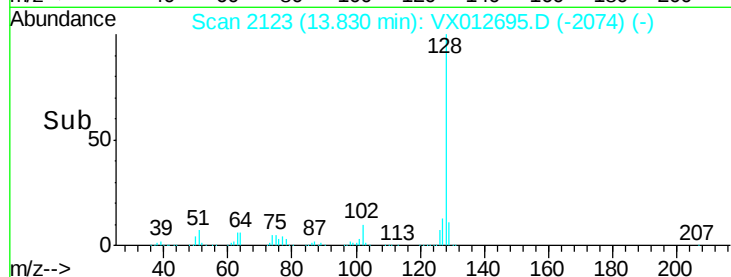
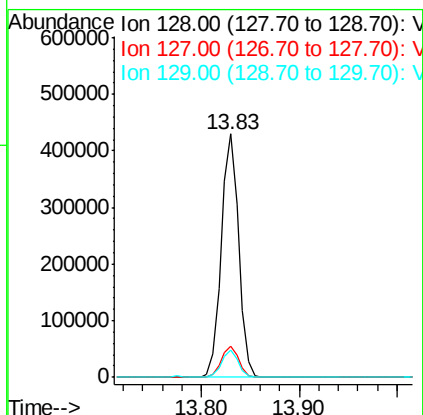
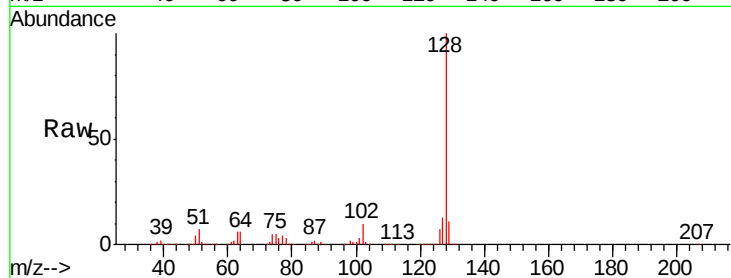




#95
Naphthalene
Concen: 48.989 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 527116
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.630 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012695.D
Acq: 30 Sep 2019 10:22

Tgt Ion:180 Resp: 150831
Ion Ratio Lower Upper
180 100
182 95.7 47.1 141.3
145 37.3 18.0 54.0

