

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
 Data File : VX012800.D
 Acq On : 03 Oct 2019 21:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 04 06:53:31 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	175054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128227	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	110651	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	5.49	113	87875	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	324709	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.13	95	127178	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	78246	39.733	ug/l	97
3) Chloromethane	1.31	50	84662	37.439	ug/l	99
4) Vinyl Chloride	1.40	62	92515	41.160	ug/l	97
5) Bromomethane	1.62	94	35704	40.401	ug/l	98
6) Chloroethane	1.70	64	58368	38.520	ug/l	94
7) Trichlorofluoromethane	1.92	101	136070	43.118	ug/l	98
8) Diethyl Ether	2.18	74	54295	41.983	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87311	45.425	ug/l	97
10) Methyl Iodide	2.50	142	81133	41.051	ug/l	93
11) Tert butyl alcohol	3.04	59	135591	212.930	ug/l	99
12) 1,1-Dichloroethene	2.36	96	86190	45.794	ug/l	95
13) Acrolein	2.28	56	73473	208.879	ug/l	99
14) Allyl chloride	2.72	41	155489	41.639	ug/l	97
15) Acrylonitrile	3.13	53	288013	222.936	ug/l	98
16) Acetone	2.44	43	244545	181.114	ug/l	95
17) Carbon Disulfide	2.56	76	211253	40.037	ug/l	100
18) Methyl Acetate	2.76	43	142606	44.854	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	322782	45.309	ug/l	97
20) Methylene Chloride	2.84	84	102118	44.716	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	93447	44.815	ug/l	95
22) Diisopropyl ether	3.84	45	318784	44.181	ug/l	97
23) Vinyl Acetate	3.80	43	1380913	218.237	ug/l	97
24) 1,1-Dichloroethane	3.69	63	174991	44.616	ug/l	99
25) 2-Butanone	4.66	43	395579	204.326	ug/l	96
26) 2,2-Dichloropropane	4.57	77	127252	36.479	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	109526	45.269	ug/l	91
28) Bromochloromethane	5.01	49	66110	46.422	ug/l	95
29) Tetrahydrofuran	5.11	42	254626	215.783	ug/l	96
30) Chloroform	5.20	83	178941	44.594	ug/l	96
31) Cyclohexane	5.57	56	155555	43.840	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	157880	44.394	ug/l	99
36) 1,1-Dichloropropene	5.79	75	131352	45.227	ug/l	98
37) Ethyl Acetate	4.82	43	151007	44.474	ug/l	96
38) Carbon Tetrachloride	5.77	117	135150	45.810	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	156641	44.801	ug/l	96
40) Benzene	6.14	78	396962	46.455	ug/l	99
41) Methacrylonitrile	5.03	41	84363	44.284	ug/l	93
42) 1,2-Dichloroethane	6.19	62	147242	45.376	ug/l	98
43) Isopropyl Acetate	6.44	43	249205	43.889	ug/l	97
44) Trichloroethene	7.20	130	102547	46.942	ug/l	97
45) 1,2-Dichloropropane	7.51	63	104184	47.621	ug/l	98
46) Dibromomethane	7.65	93	69342	46.552	ug/l	98
47) Bromodichloromethane	7.89	83	137414	46.158	ug/l	99
48) Methyl methacrylate	7.76	41	122453	44.976	ug/l	92
49) 1,4-Dioxane	7.73	88	54914	889.235	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	786746	224.463	ug/l	96
52) Toluene	8.78	92	251131	46.760	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	149589	45.415	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	164240	45.669	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	102217	47.872	ug/l	98
56) Ethyl methacrylate	9.17	69	170407	47.504	ug/l	91
57) 1,3-Dichloropropane	9.37	76	176158	47.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	396478	246.229	ug/l	100
59) 2-Hexanone	9.49	43	603089	224.792	ug/l	94
60) Dibromochloromethane	9.58	129	105707	48.905	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107458	48.357	ug/l	100
64) Tetrachloroethene	9.33	164	92877	48.572	ug/l	93
65) Chlorobenzene	10.14	112	264821	45.855	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99161	47.389	ug/l	98
67) Ethyl Benzene	10.25	91	484130	46.219	ug/l	99
68) m/p-Xylenes	10.36	106	364855	92.984	ug/l	99
69) o-Xylene	10.70	106	177704	46.804	ug/l	99
70) Styrene	10.71	104	309633	48.646	ug/l	98
71) Bromoform	10.86	173	71696	49.207	ug/l #	100
73) Isopropylbenzene	11.01	105	477548	45.726	ug/l	99
74) N-amyl acetate	10.89	43	219404	44.036	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	160202	46.317	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	179358	52.878	ug/l	88
77) Bromobenzene	11.25	156	108379	45.852	ug/l	99
78) n-propylbenzene	11.35	91	529213	45.010	ug/l	100
79) 2-Chlorotoluene	11.42	91	325592	44.391	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	404205	46.153	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47829	40.410	ug/l	97
82) 4-Chlorotoluene	11.51	91	381073	45.576	ug/l	99
83) tert-Butylbenzene	11.76	119	386177	45.711	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	408513	46.239	ug/l	100
85) sec-Butylbenzene	11.94	105	454196	46.223	ug/l	99
86) p-Isopropyltoluene	12.06	119	415431	46.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	201707	47.419	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	202766	47.173	ug/l	98
89) n-Butylbenzene	12.39	91	350922	44.916	ug/l	100
90) Hexachloroethane	12.59	117	69798	44.157	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	203521	47.790	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39905	46.122	ug/l	99

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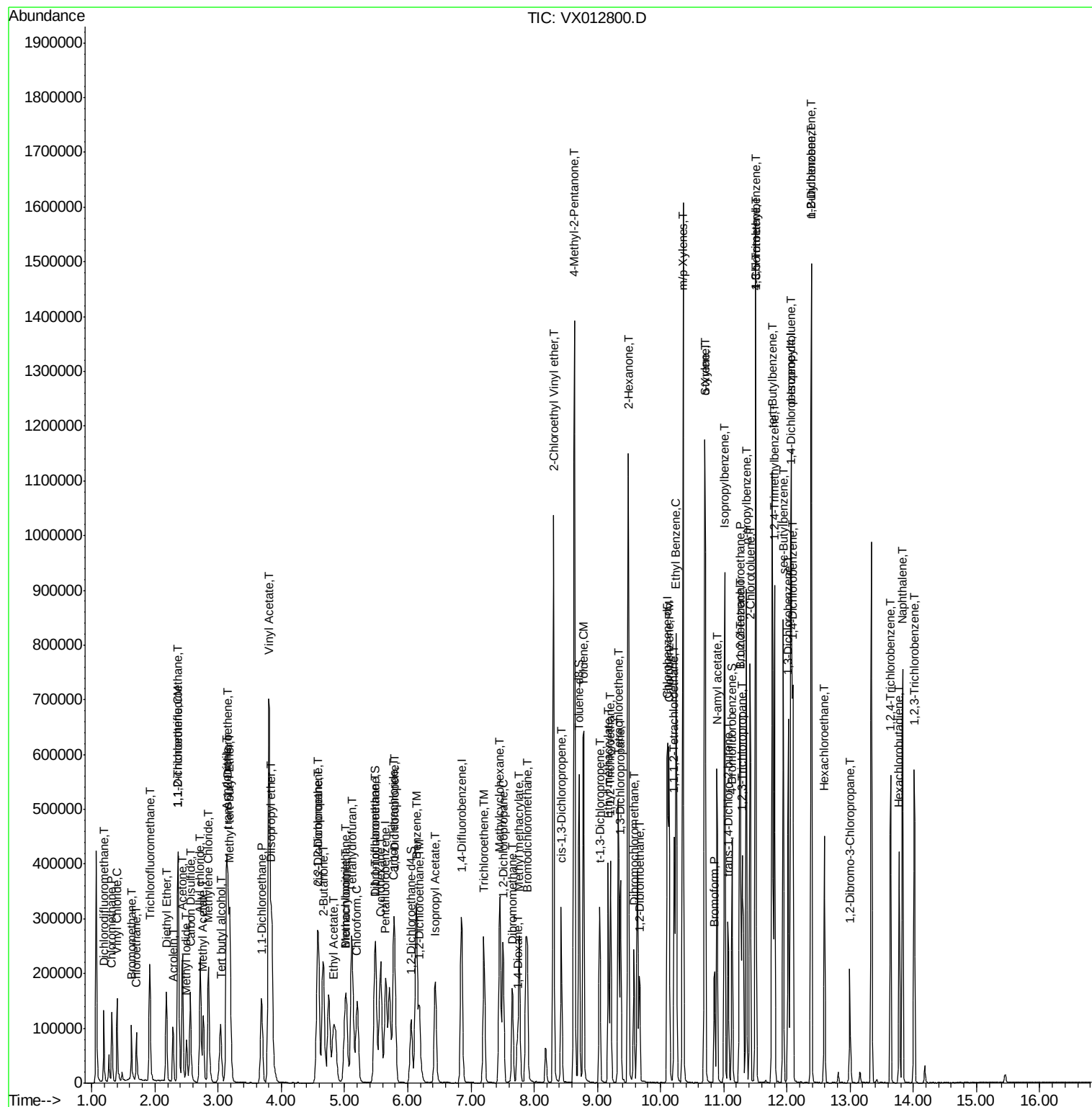
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	125954	48.498	ug/l	99
94) Hexachlorobutadiene	13.78	225	57112	51.117	ug/l	97
95) Naphthalene	13.83	128	448185	47.697	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127121	48.863	ug/l	100

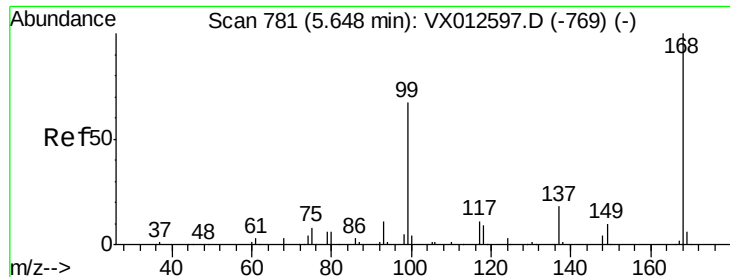
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

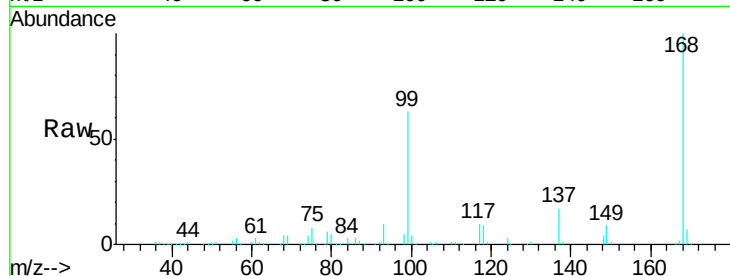
VSTDCCC050EC

Tgt Ion:168 Resp: 175054

Ion Ratio Lower Upper

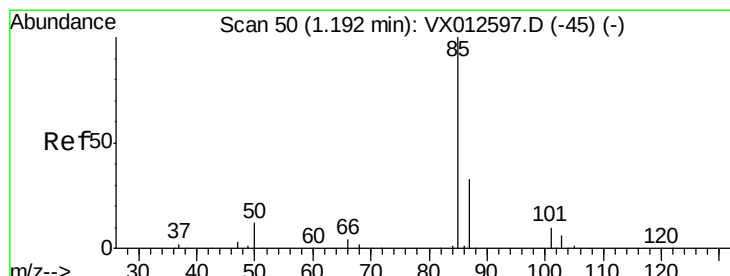
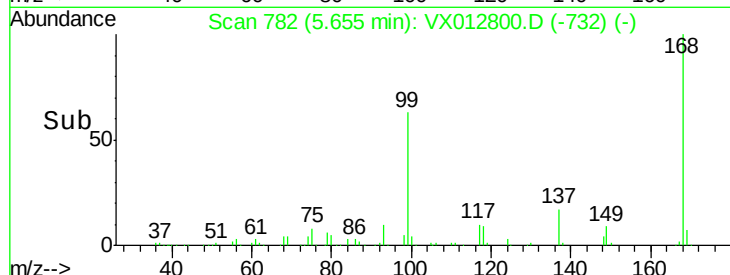
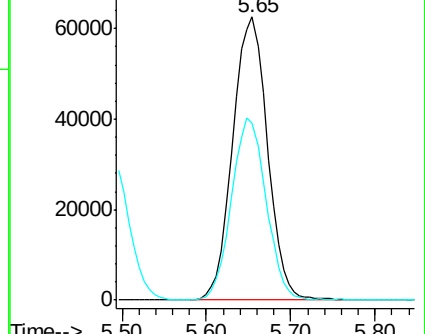
168 100

99 62.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.733 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012800.D

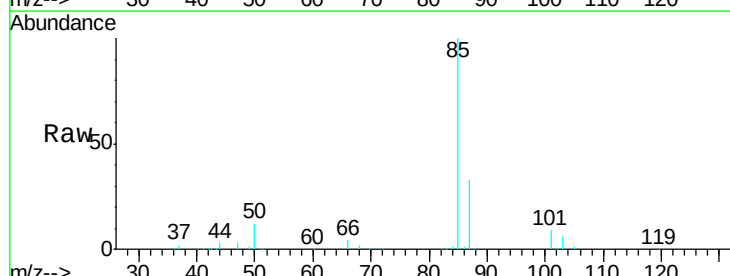
Acq: 03 Oct 2019 21:39

Tgt Ion: 85 Resp: 78246

Ion Ratio Lower Upper

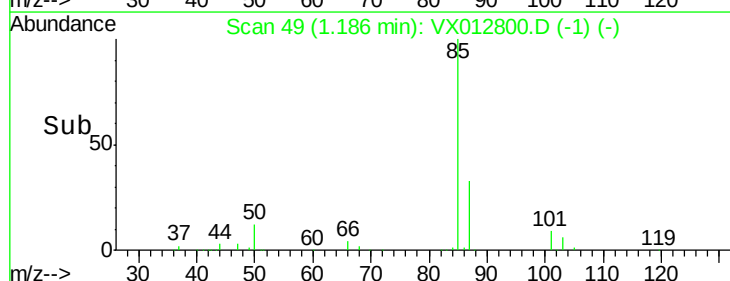
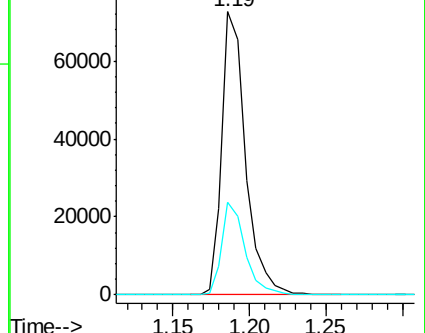
85 100

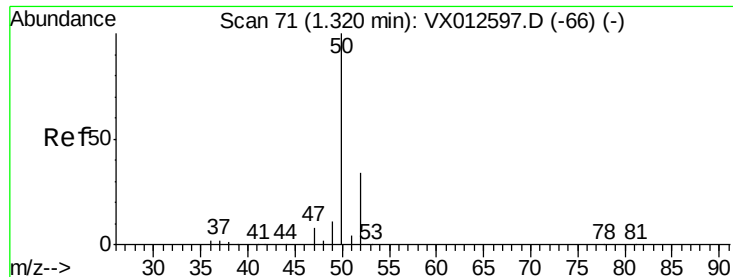
87 32.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.439 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

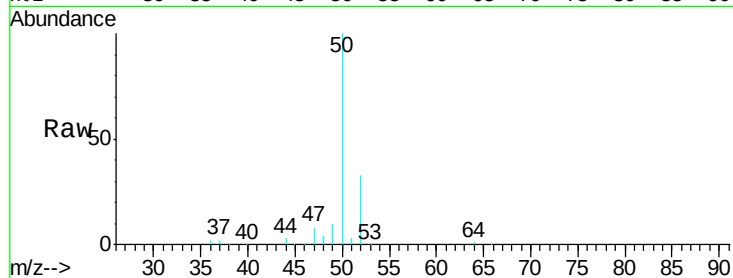
VSTDCCC050EC

Tgt Ion: 50 Resp: 84662

Ion Ratio Lower Upper

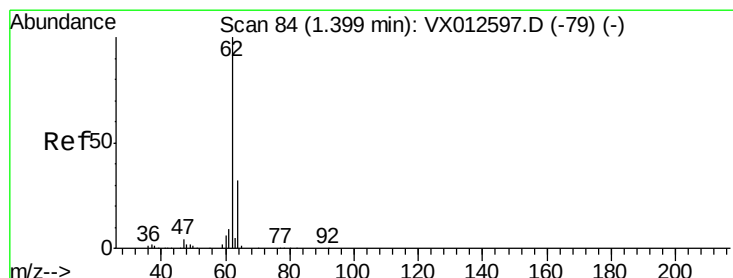
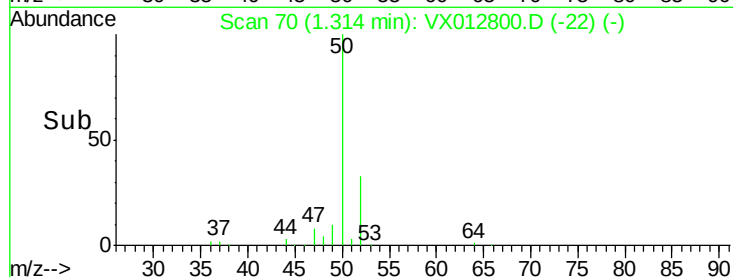
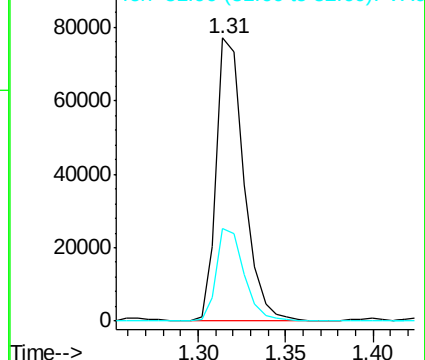
50 100

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: 41.160 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012800.D

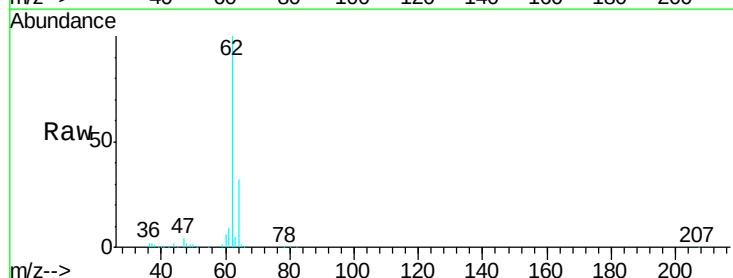
Acq: 03 Oct 2019 21:39

Tgt Ion: 62 Resp: 92515

Ion Ratio Lower Upper

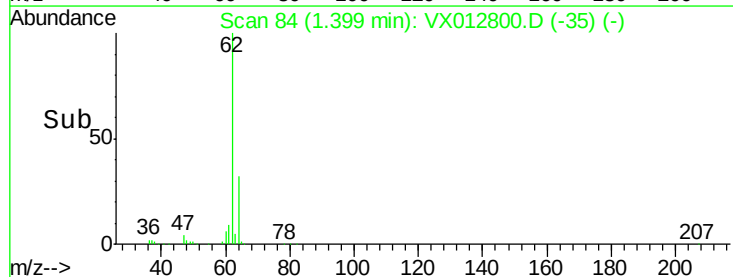
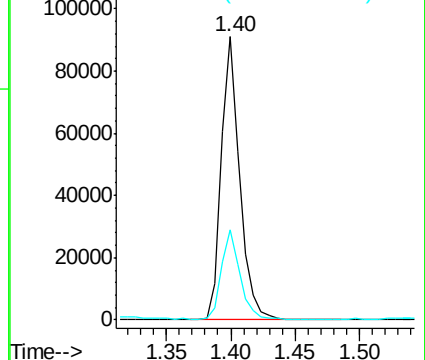
62 100

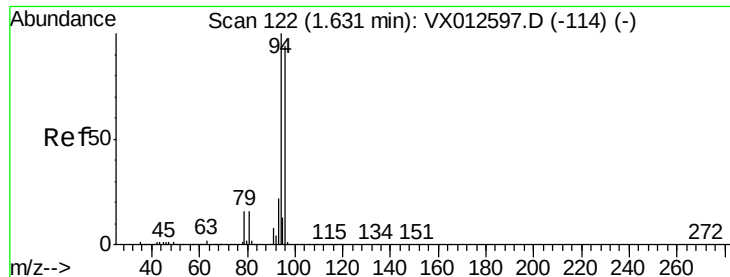
64 31.6 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.401 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

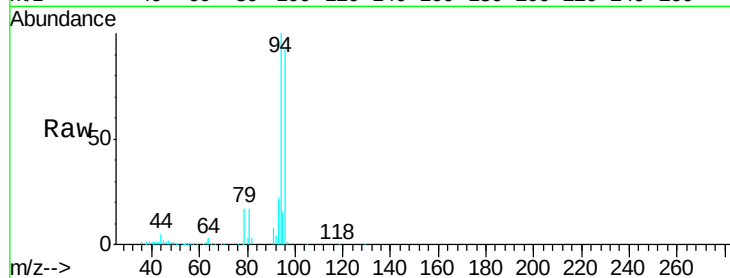
VSTDCCC050EC

Tgt Ion: 94 Resp: 35704

Ion Ratio Lower Upper

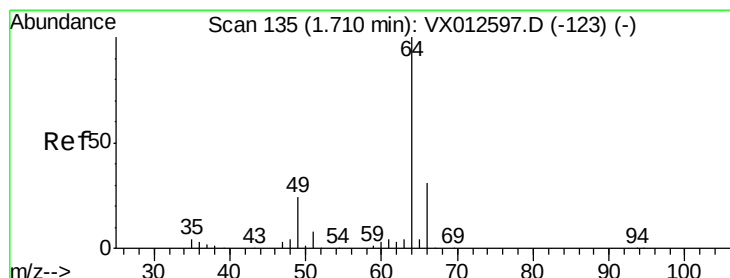
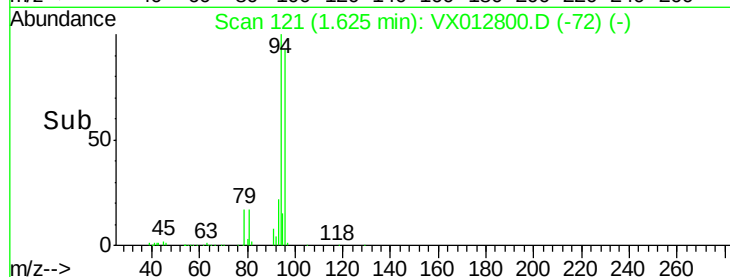
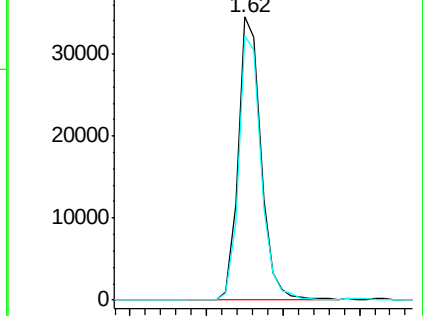
94 100

96 93.3 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: 38.520 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012800.D

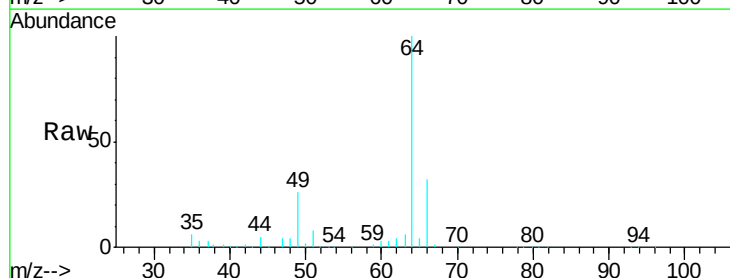
Acq: 03 Oct 2019 21:39

Tgt Ion: 64 Resp: 58368

Ion Ratio Lower Upper

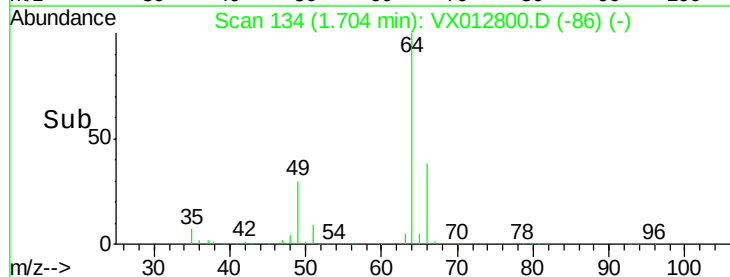
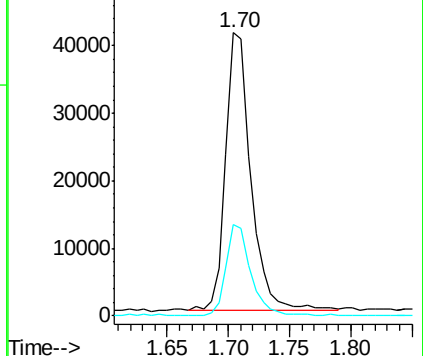
64 100

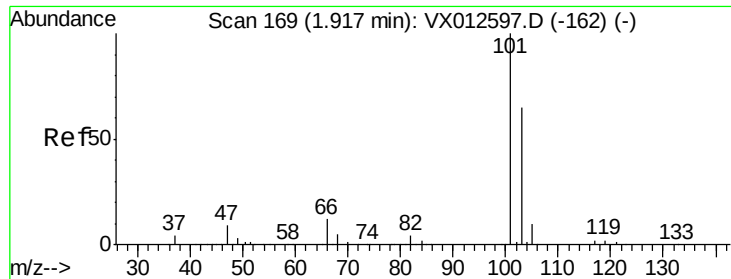
66 33.1 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



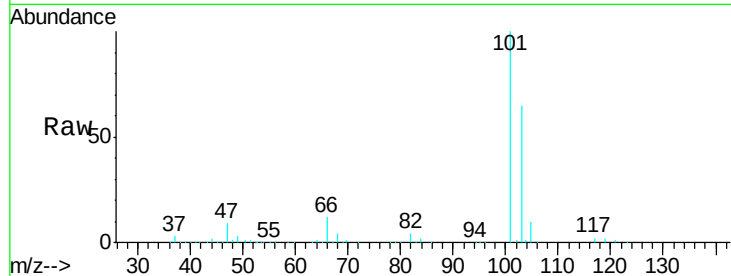


#7

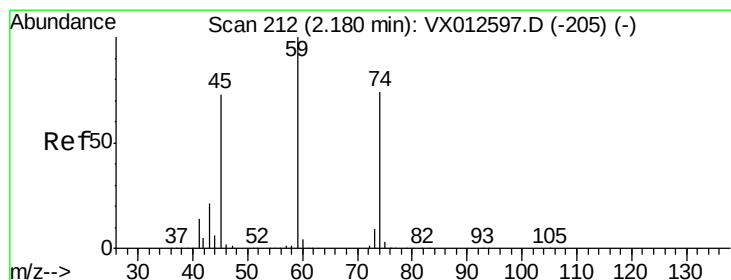
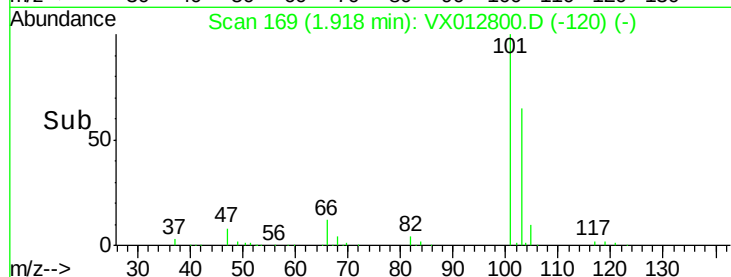
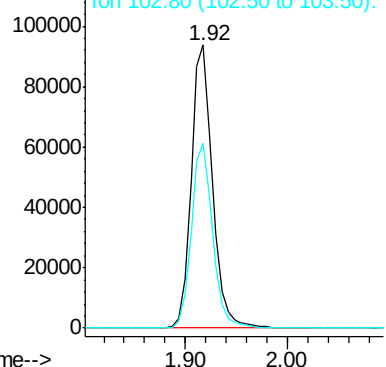
Trichlorofluoromethane
Concen: 43.118 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012800.D
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Tgt Ion:101 Resp: 136070
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4



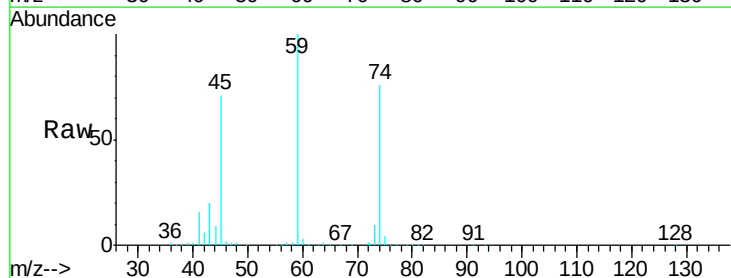
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



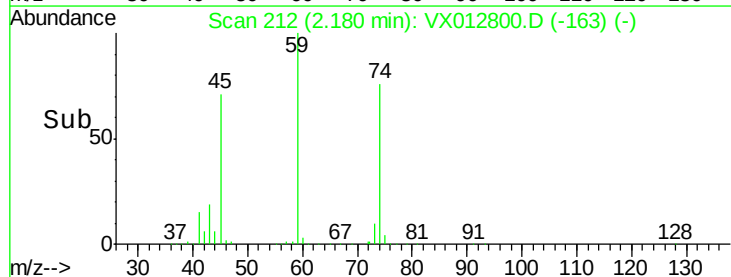
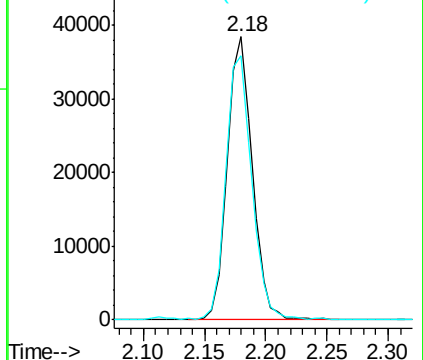
#8

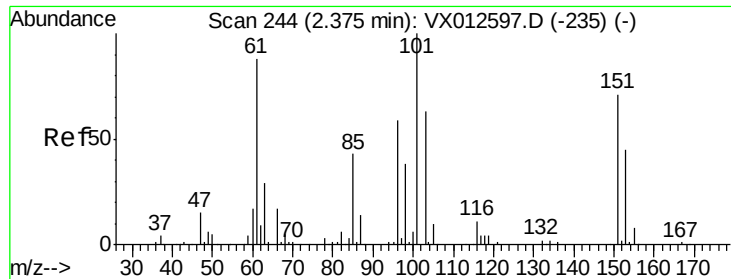
Diethyl Ether
Concen: 41.983 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion: 74 Resp: 54295
Ion Ratio Lower Upper
74 100
45 95.4 49.9 149.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.425 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

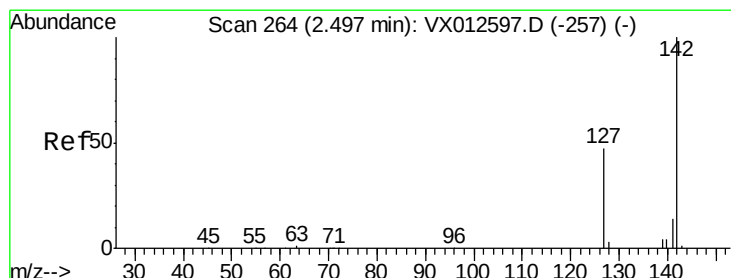
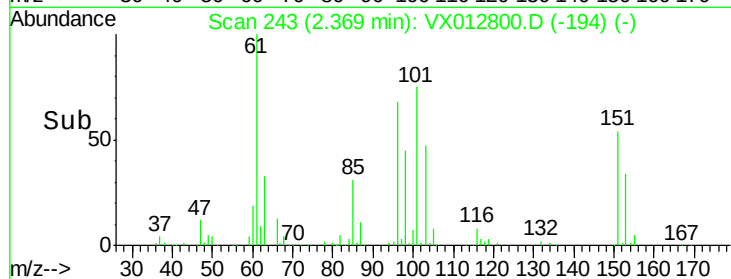
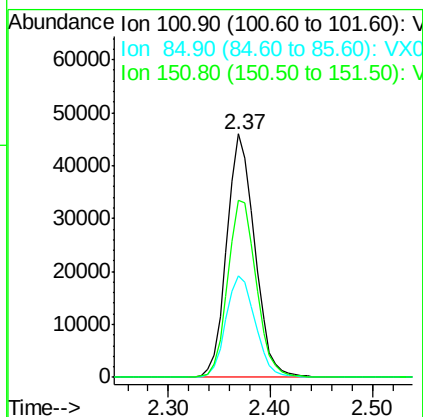
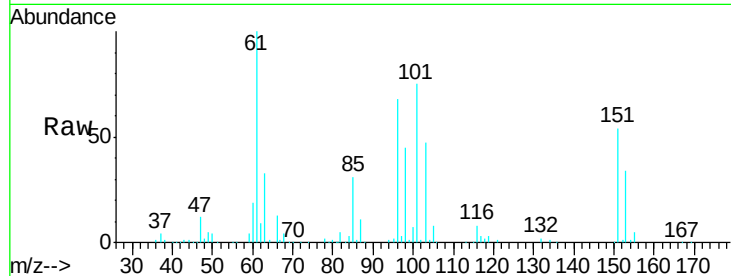
Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 87311

Ion	Ratio	Lower	Upper
101	100		
85	43.5	37.3	55.9
151	74.0	61.0	91.4



#10

Methyl Iodide

Concen: 41.051 ug/l

RT: 2.50 min Scan# 264

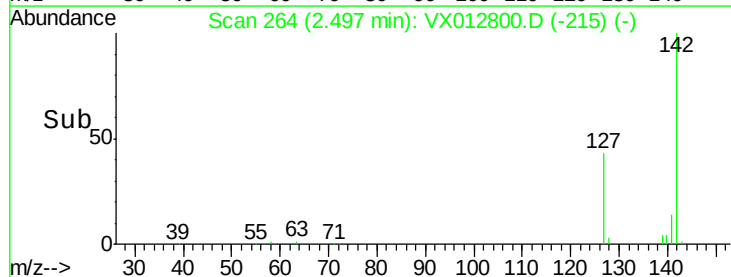
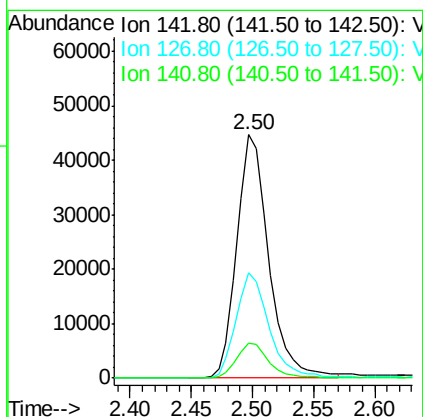
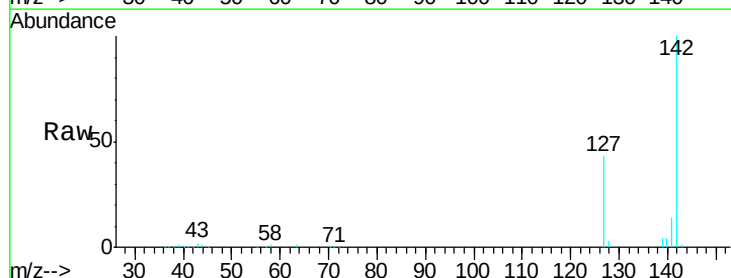
Delta R.T. 0.00 min

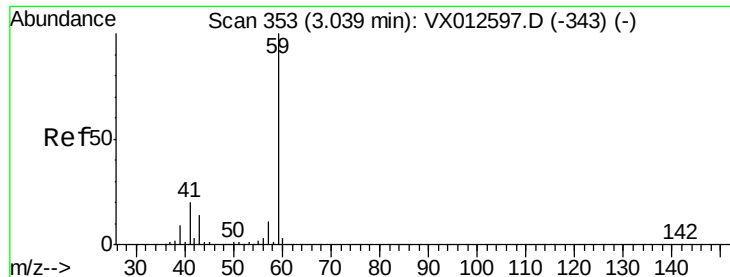
Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion:142 Resp: 81133

Ion	Ratio	Lower	Upper
142	100		
127	44.7	40.8	61.2
141	14.8	12.1	18.1



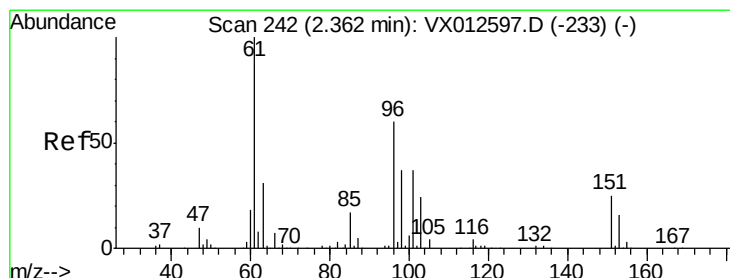
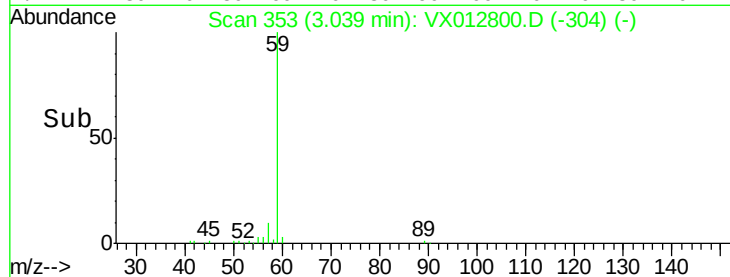
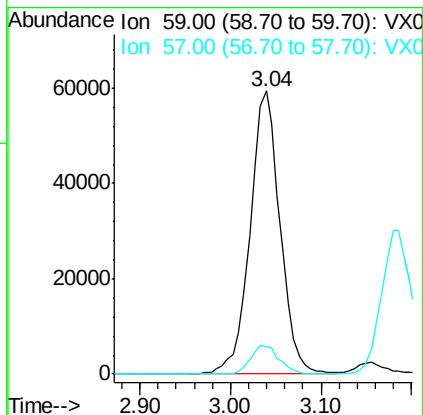
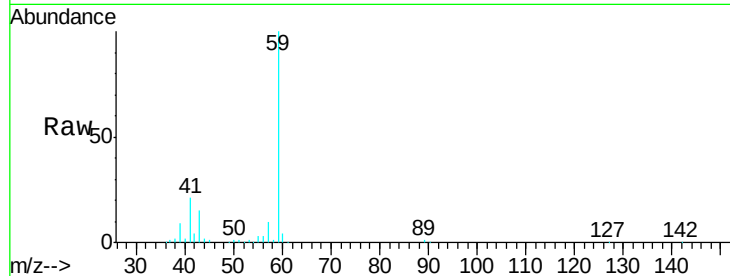


#11

Tert butyl alcohol
 Concen: 212.930 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

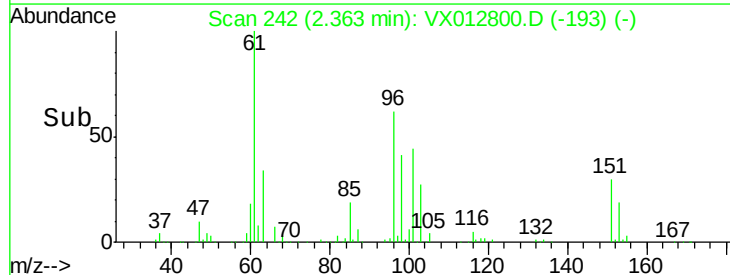
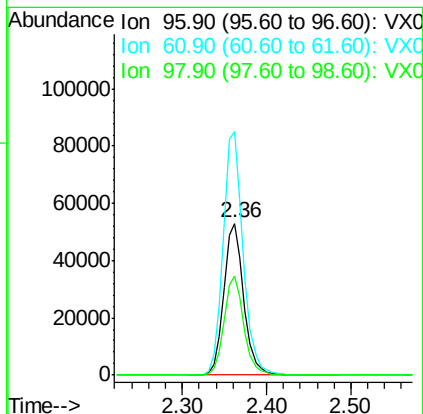
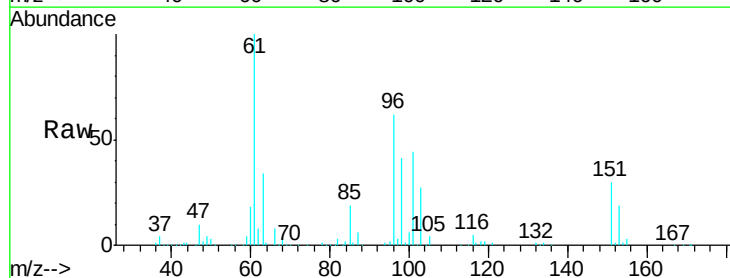
Tgt Ion: 59 Resp: 135591
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.3 12.5

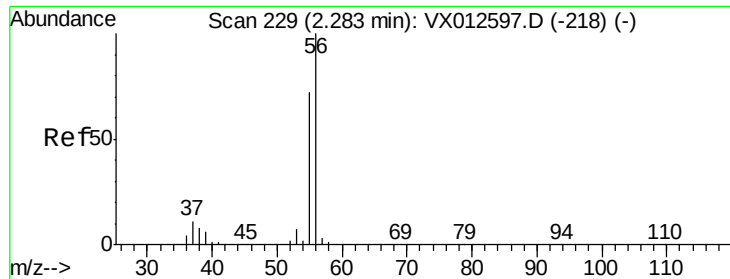


#12

1,1-Dichloroethene
 Concen: 45.794 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 96 Resp: 86190
 Ion Ratio Lower Upper
 96 100
 61 160.1 133.8 200.6
 98 64.9 49.9 74.9

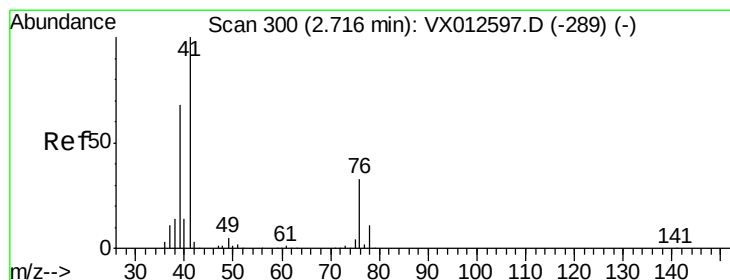
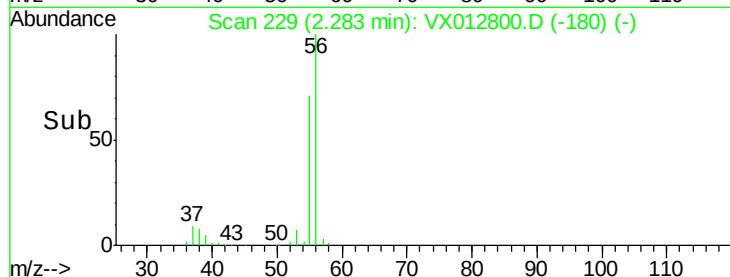
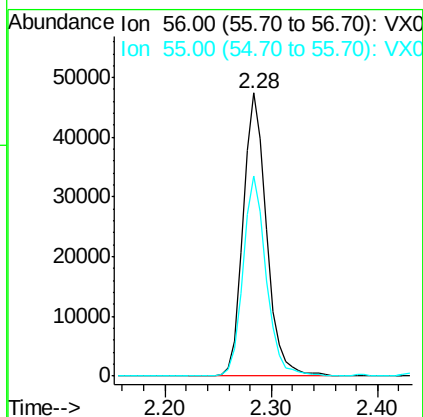
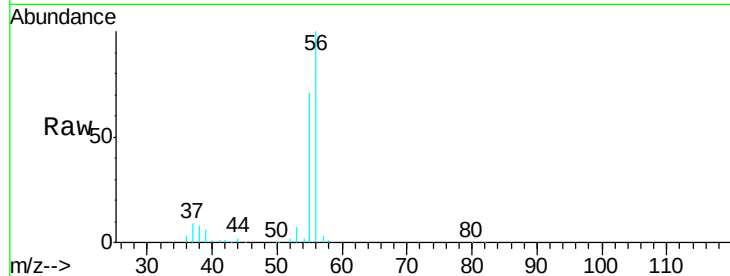




#13
 Acrolein
 Concen: 208.879 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

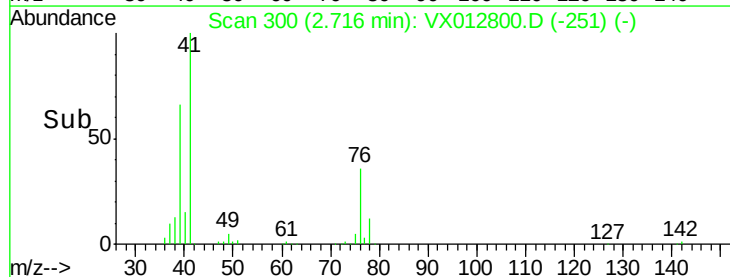
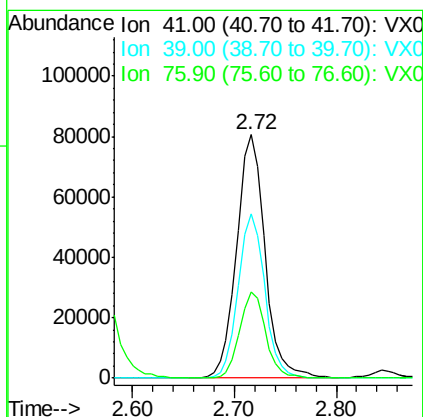
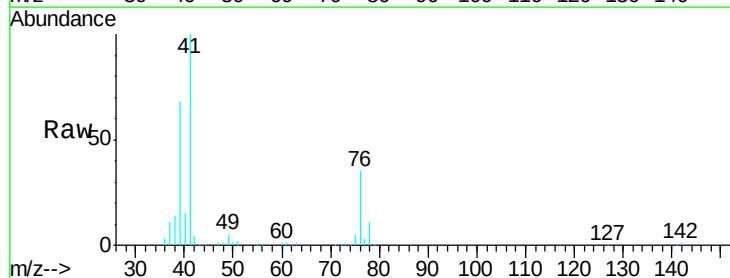
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

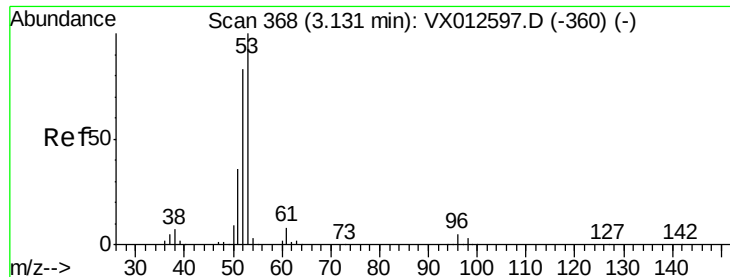
Tgt Ion: 56 Resp: 73473
 Ion Ratio Lower Upper
 56 100
 55 70.4 55.8 83.8



#14
 Allyl chloride
 Concen: 41.639 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 41 Resp: 155489
 Ion Ratio Lower Upper
 41 100
 39 63.6 51.3 76.9
 76 32.6 22.6 33.8





#15

Acrylonitrile

Concen: 222.936 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

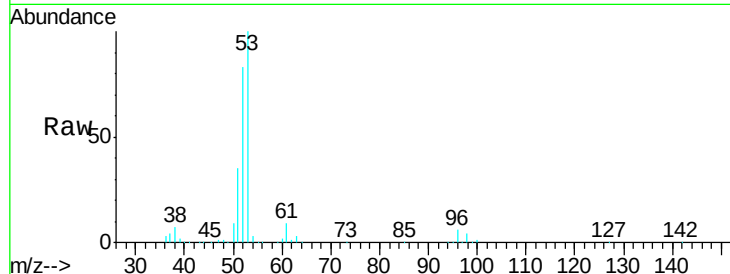
Tgt Ion: 53 Resp: 288013

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.4

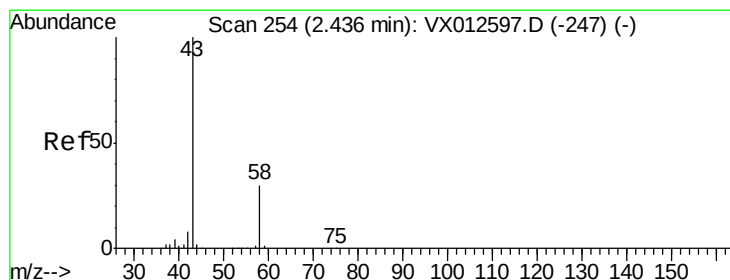
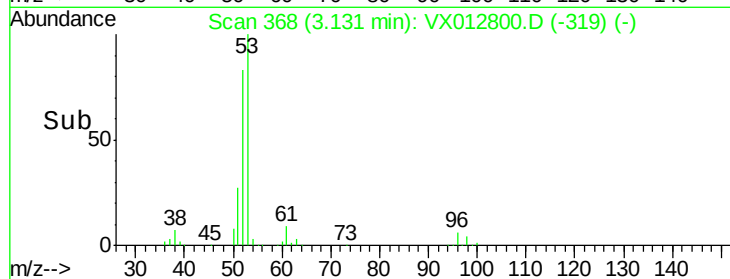
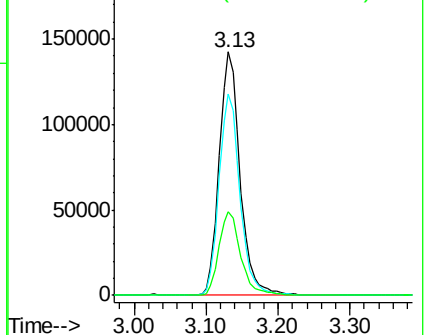
51 35.5 29.6 44.4



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: 181.114 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012800.D

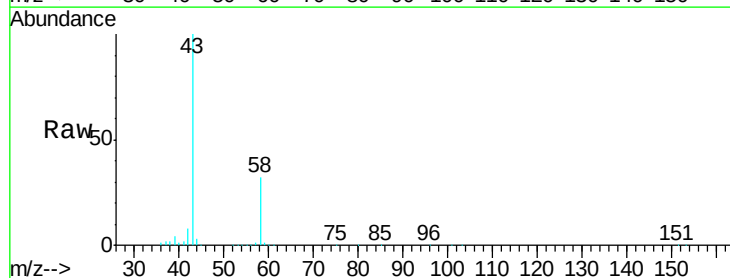
Acq: 03 Oct 2019 21:39

Tgt Ion: 43 Resp: 244545

Ion Ratio Lower Upper

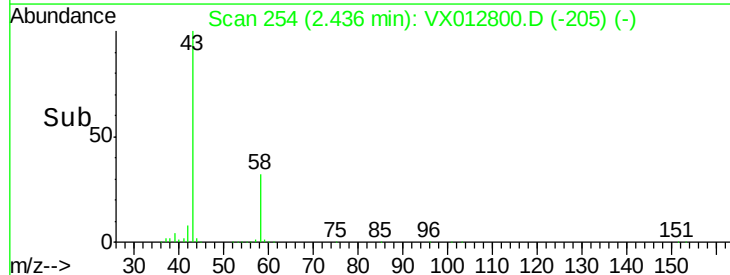
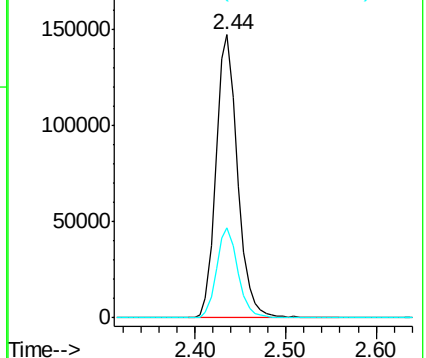
43 100

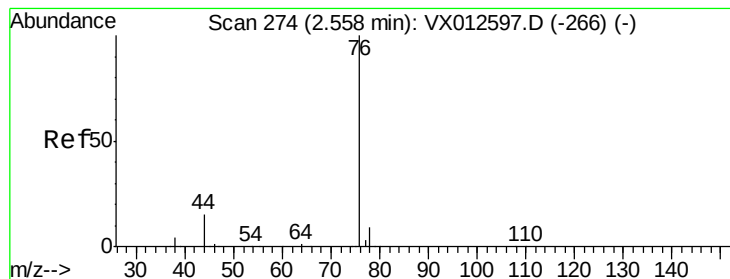
58 31.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.037 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

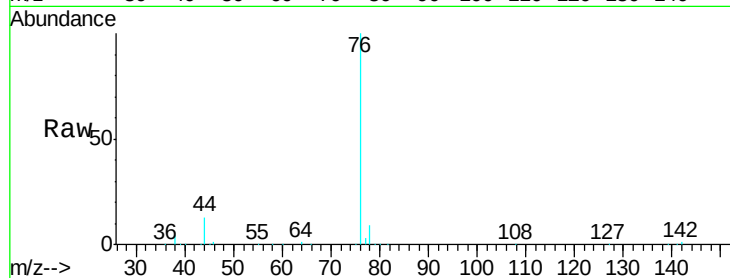
VSTDCCC050EC

Tgt Ion: 76 Resp: 211253

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

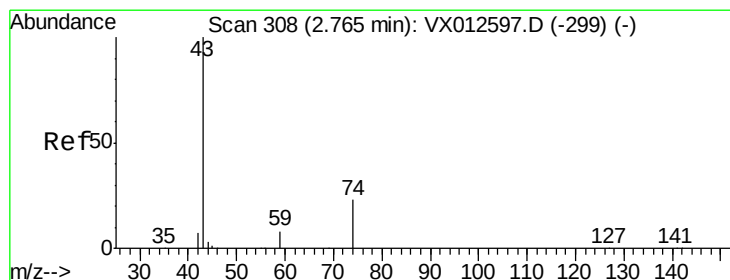
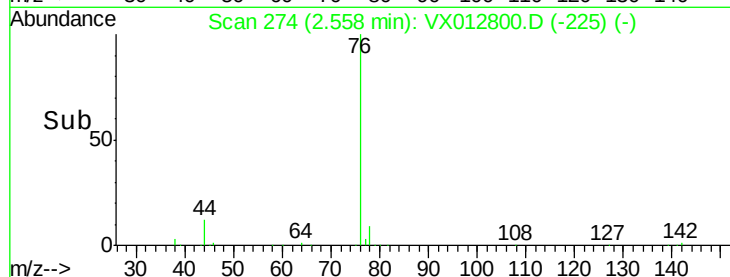
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 44.854 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012800.D

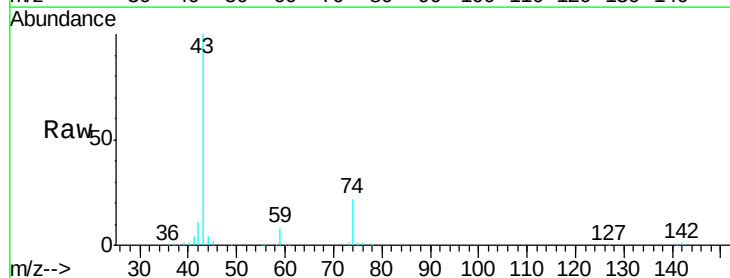
Acq: 03 Oct 2019 21:39

Tgt Ion: 43 Resp: 142606

Ion Ratio Lower Upper

43 100

74 24.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

60000

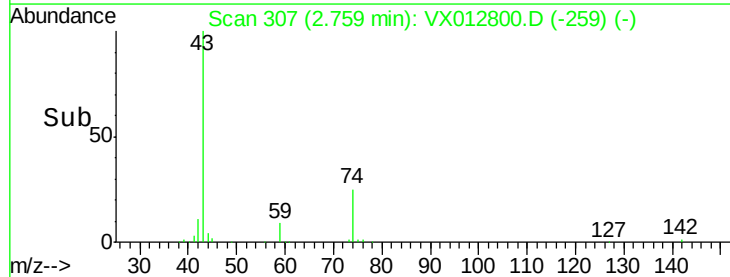
40000

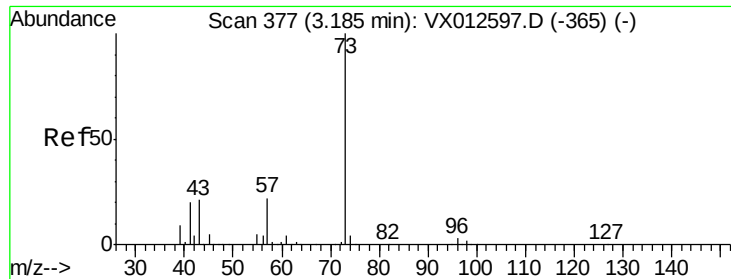
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85

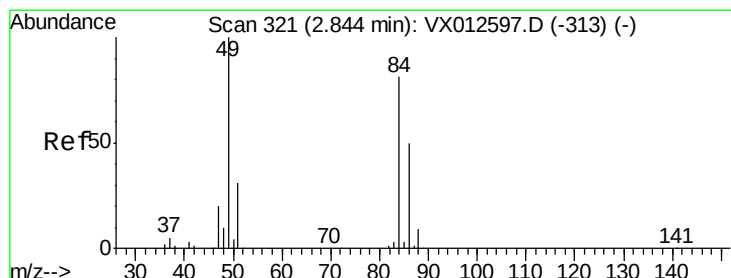
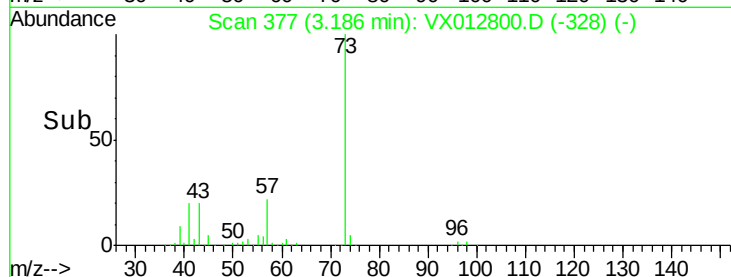
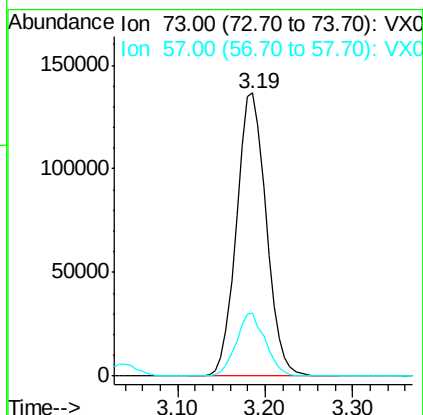
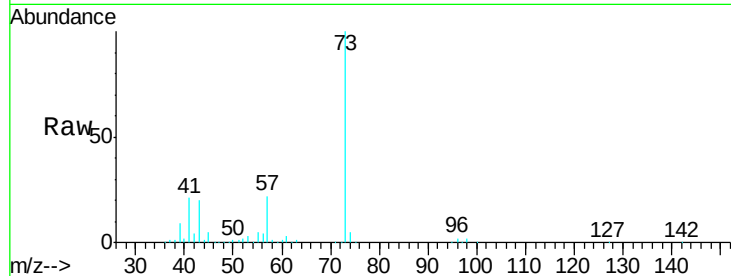




#19
Methyl tert-butyl Ether
Concen: 45.309 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

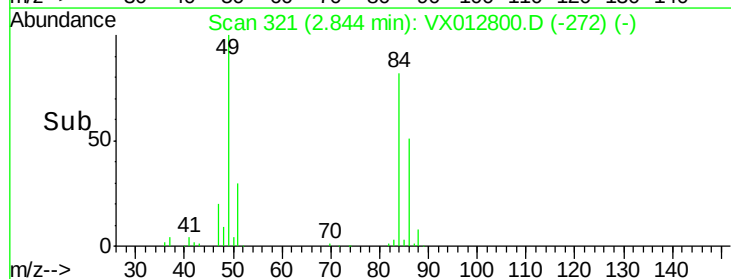
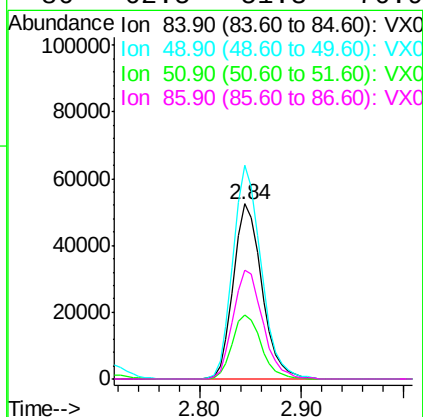
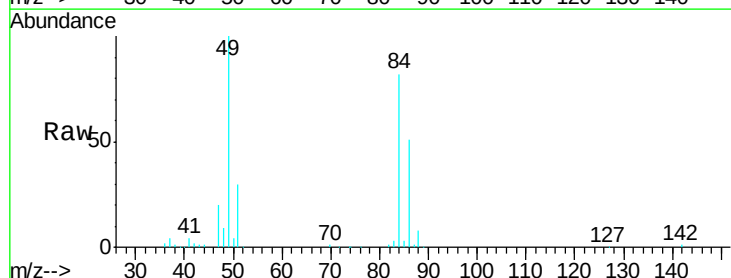
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

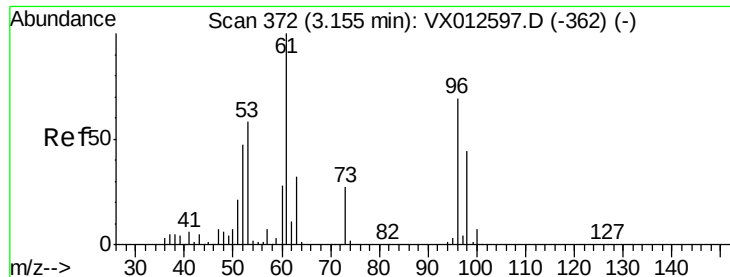
Tgt Ion: 73 Resp: 322782
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2



#20
Methylene Chloride
Concen: 44.716 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion: 84 Resp: 102118
Ion Ratio Lower Upper
84 100
49 122.1 106.8 160.2
51 36.9 32.3 48.5
86 62.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 44.815 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

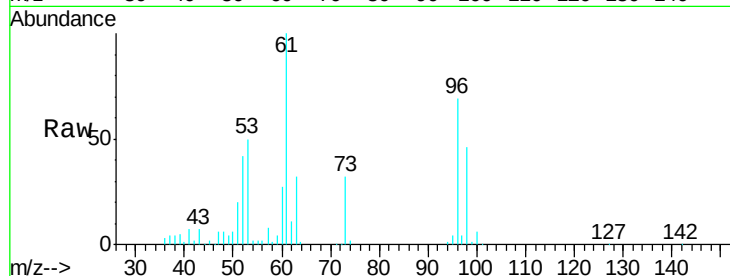
Tgt Ion: 96 Resp: 93447

Ion Ratio Lower Upper

96 100

61 144.2 112.0 168.0

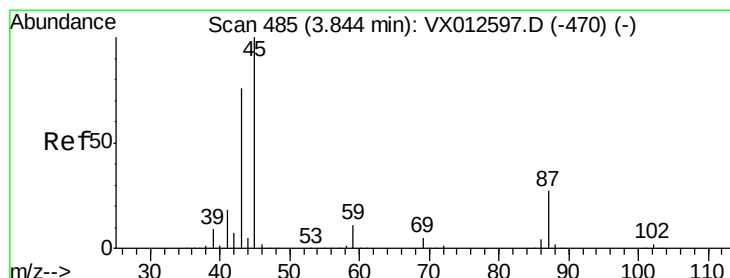
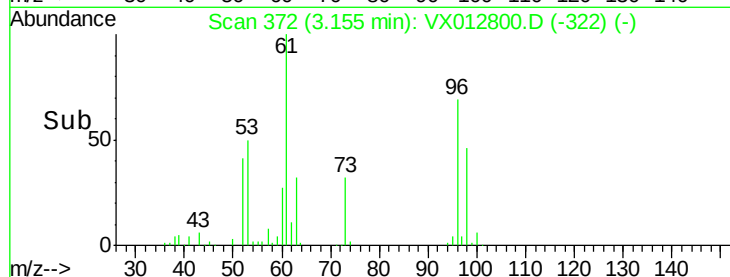
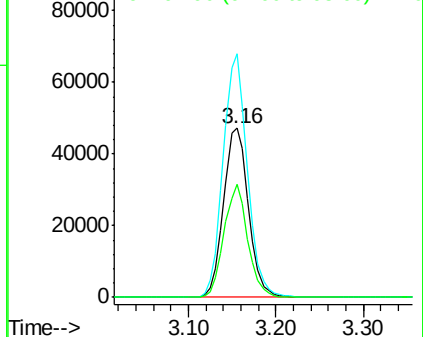
98 67.0 47.8 71.8



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: 44.181 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion: 45 Resp: 318784

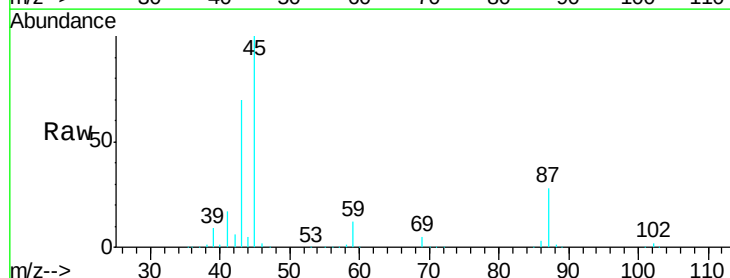
Ion Ratio Lower Upper

45 100

43 69.9 57.8 86.8

87 27.6 21.3 31.9

59 11.8 8.5 12.7

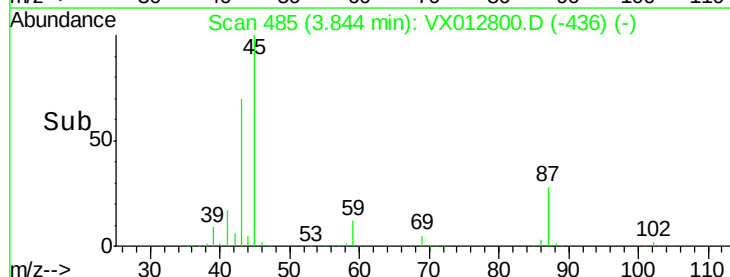
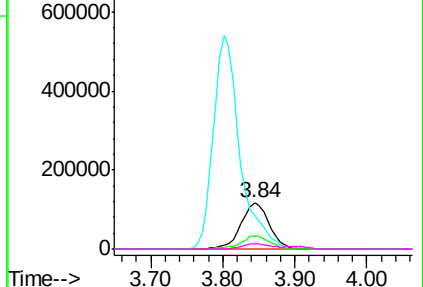


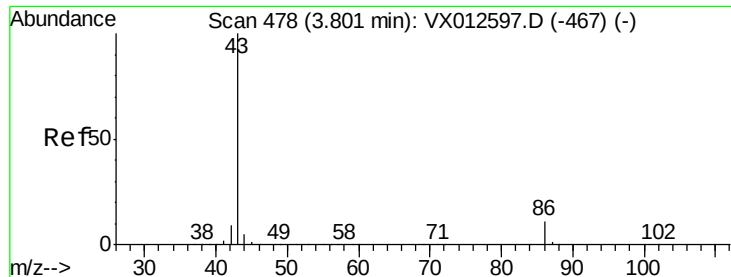
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 218.237 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

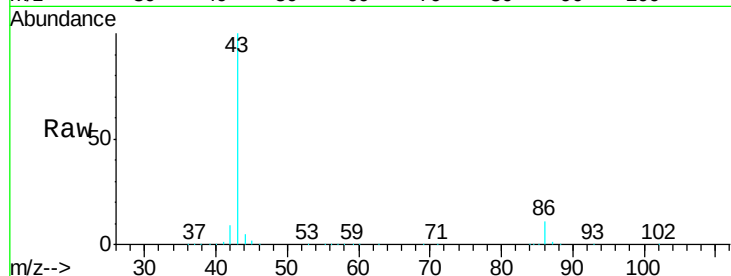
VSTDCCC050EC

Tgt Ion: 43 Resp: 1380913

Ion Ratio Lower Upper

43 100

86 11.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

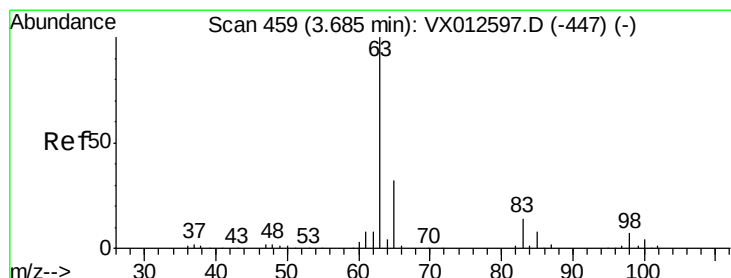
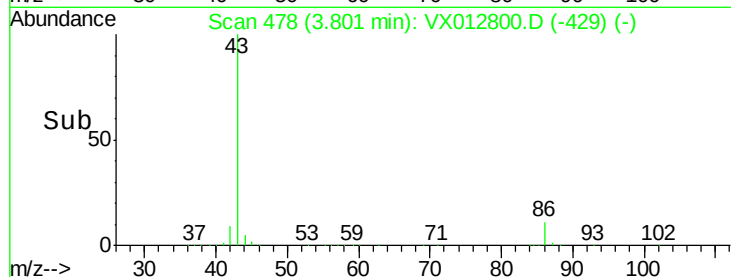
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.616 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

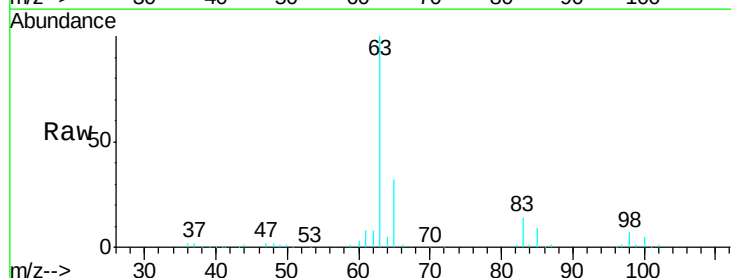
Tgt Ion: 63 Resp: 174991

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 5.0 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

100000

80000

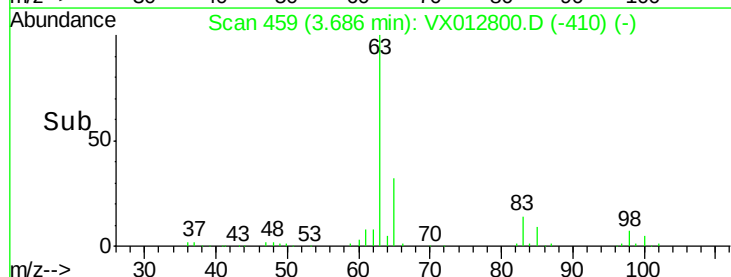
60000

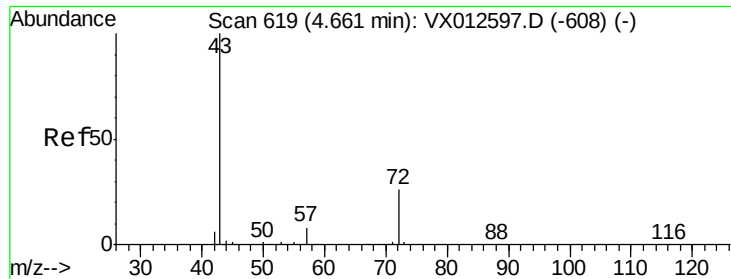
40000

20000

0

Time-->





#25

2-Butanone

Concen: 204.326 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

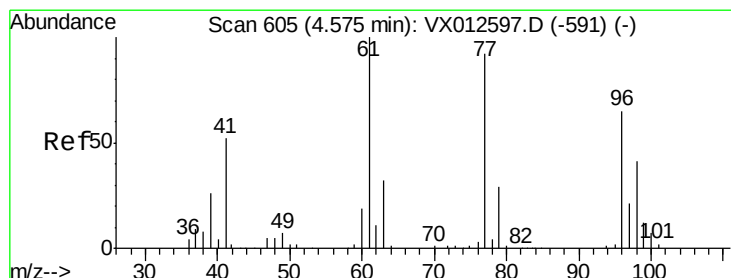
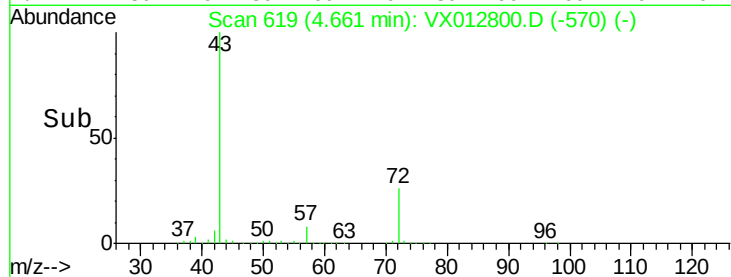
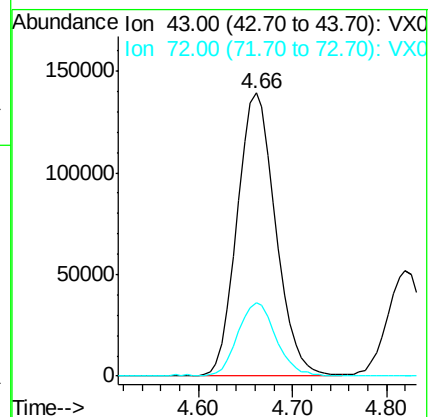
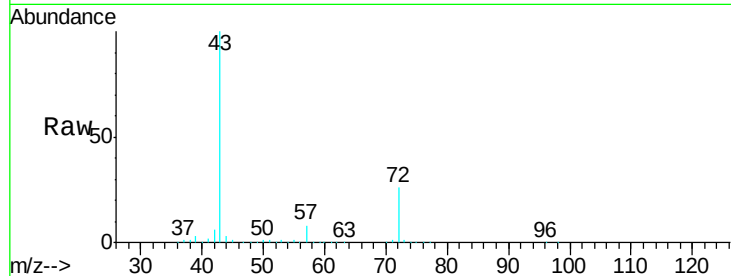
VSTDCCC050EC

Tgt Ion: 43 Resp: 395579

Ion Ratio Lower Upper

43 100

72 26.0 19.2 28.8



#26

2,2-Dichloropropane

Concen: 36.479 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012800.D

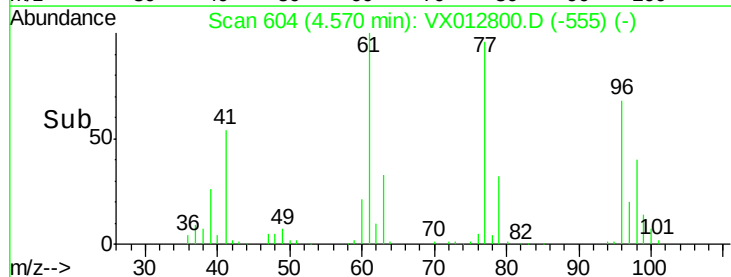
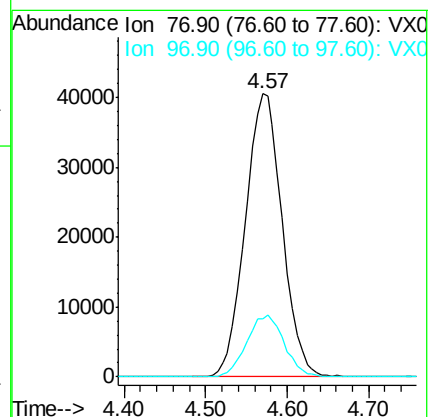
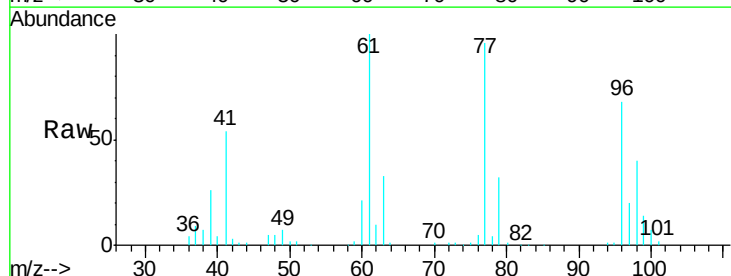
Acq: 03 Oct 2019 21:39

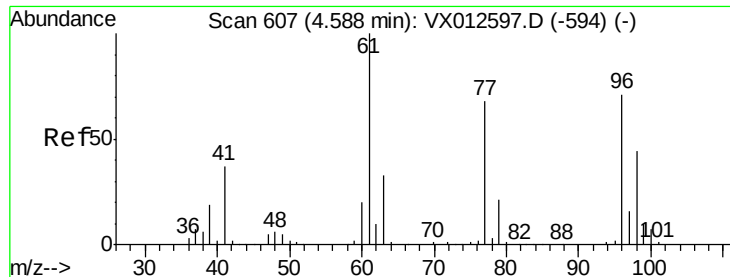
Tgt Ion: 77 Resp: 127252

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6



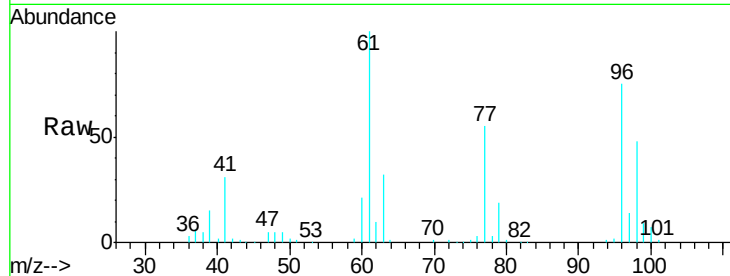


#27

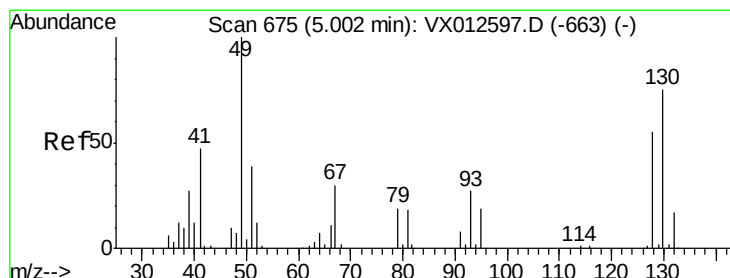
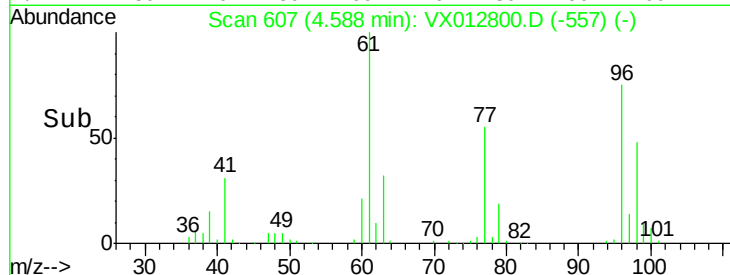
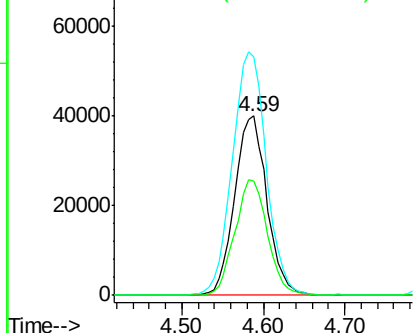
cis-1,2-Dichloroethene
Concen: 45.269 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 109526
Ion Ratio Lower Upper
96 100
61 142.7 0.0 319.4
98 65.3 0.0 130.6



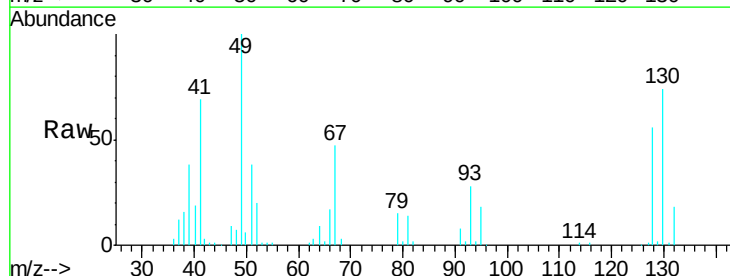
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



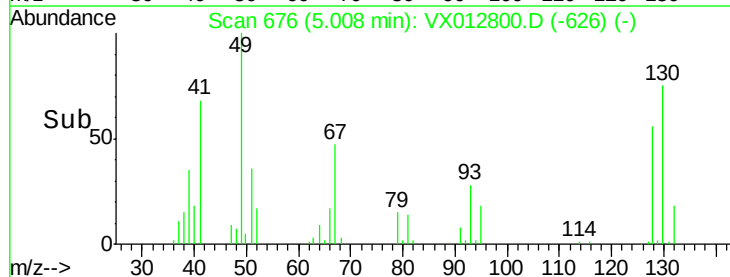
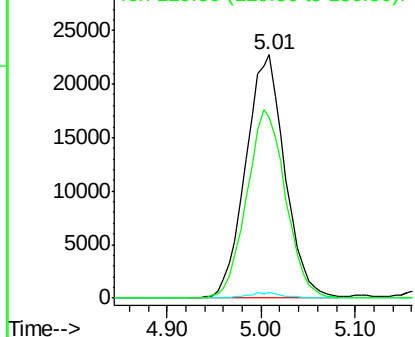
#28

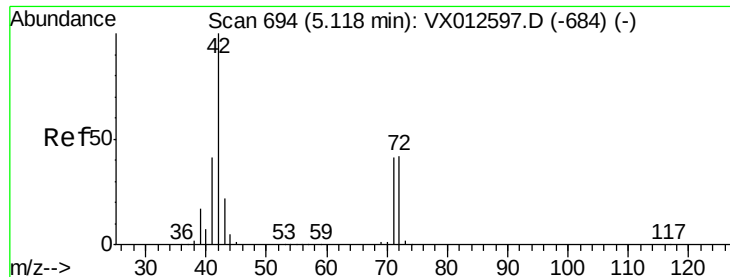
Bromochloromethane
Concen: 46.422 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion: 49 Resp: 66110
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 76.8 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: 215.783 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

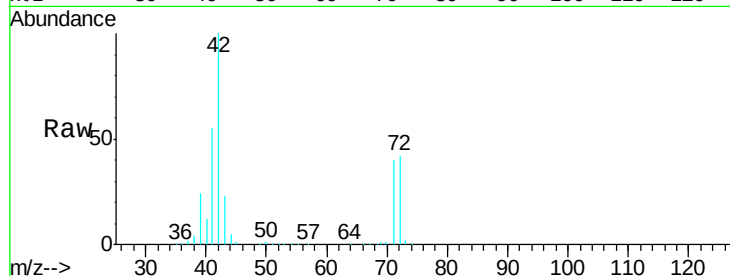
Tgt Ion: 42 Resp: 254626

Ion Ratio Lower Upper

42 100

72 44.8 34.0 51.0

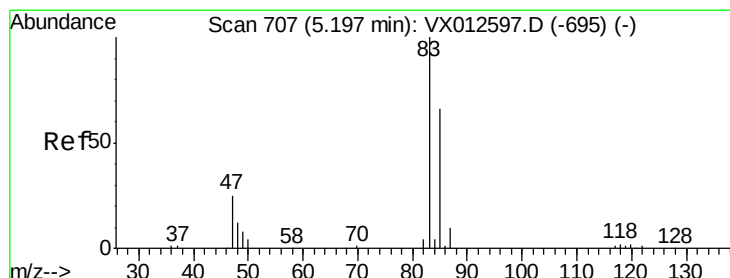
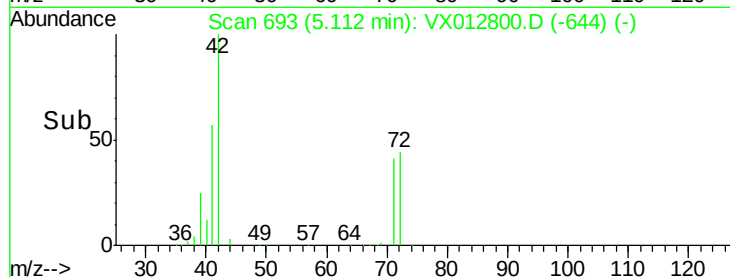
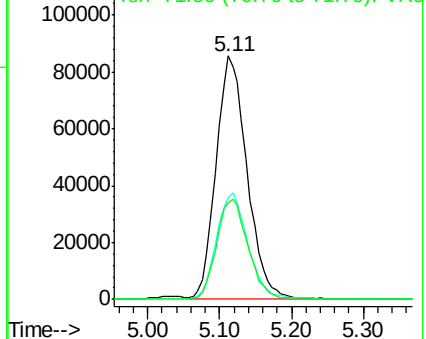
71 42.0 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 44.594 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012800.D

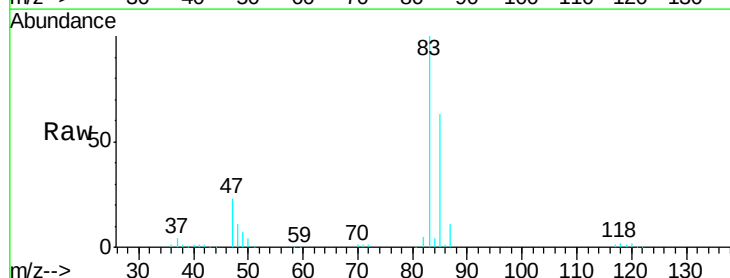
Acq: 03 Oct 2019 21:39

Tgt Ion: 83 Resp: 178941

Ion Ratio Lower Upper

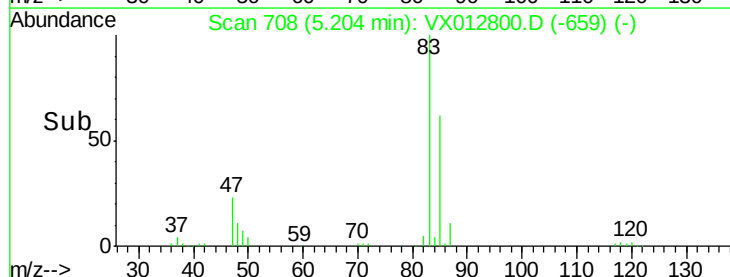
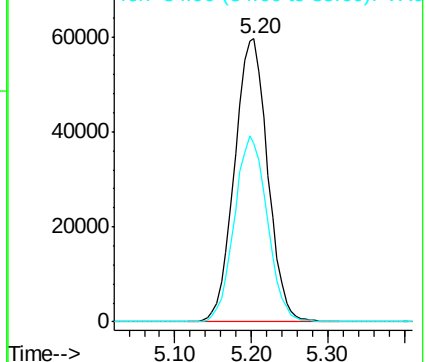
83 100

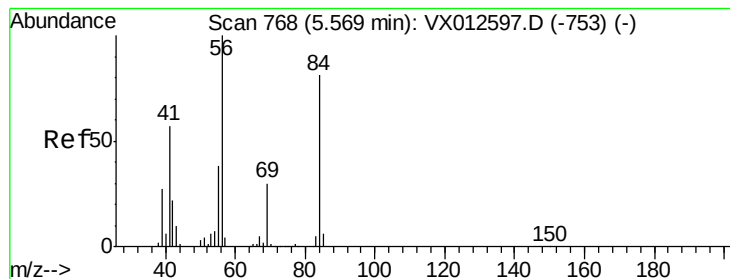
85 63.2 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 43.840 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

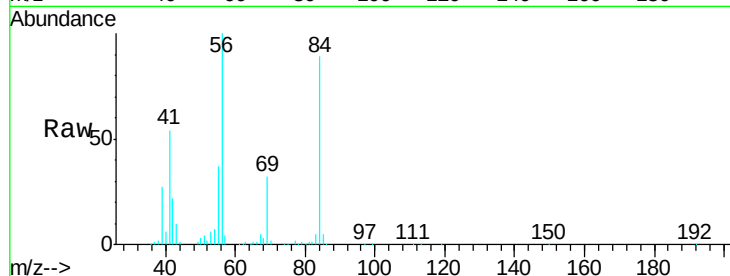
Tgt Ion: 56 Resp: 155555

Ion Ratio Lower Upper

56 100

69 31.6 25.0 37.6

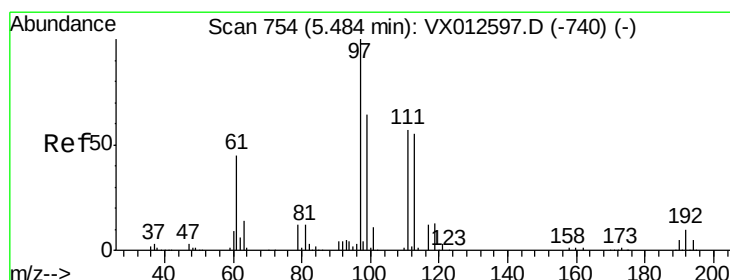
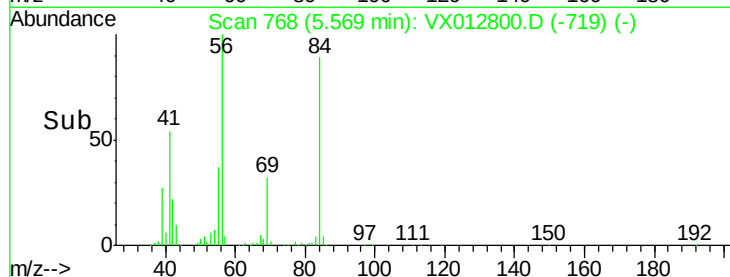
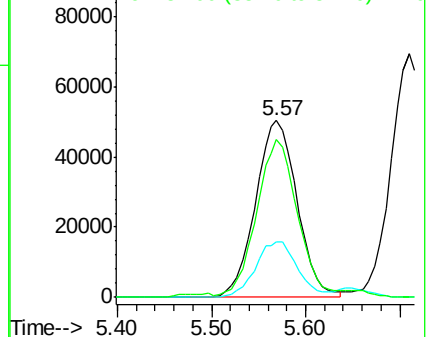
84 87.8 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 44.394 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

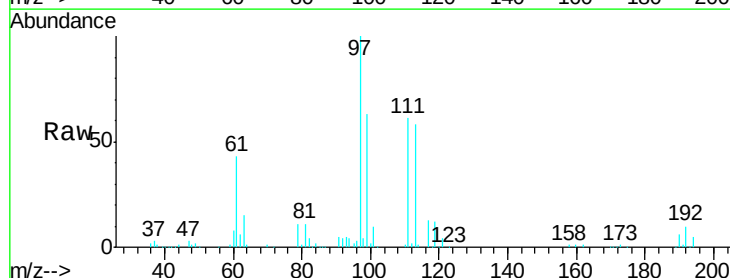
Tgt Ion: 97 Resp: 157880

Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

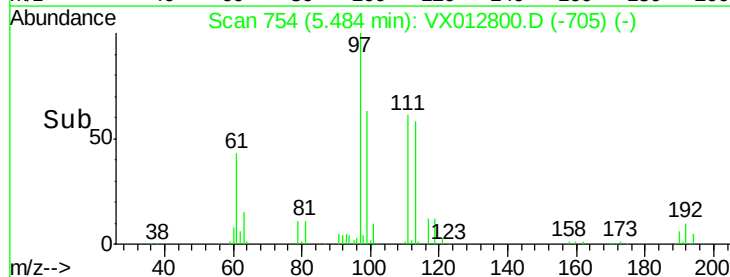
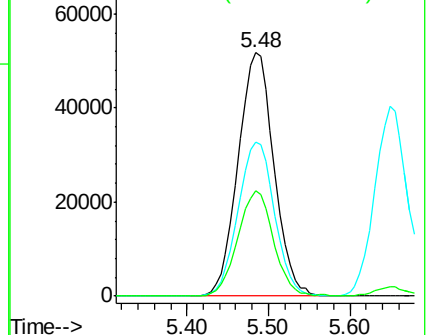
61 43.2 36.1 54.1

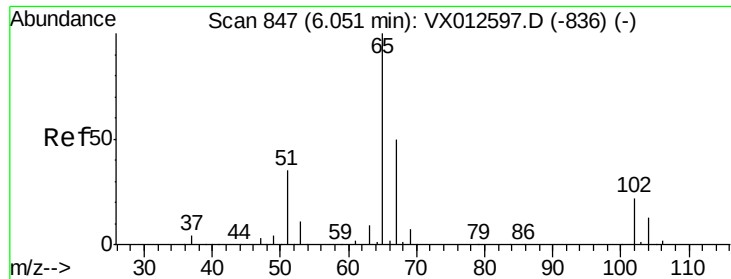


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

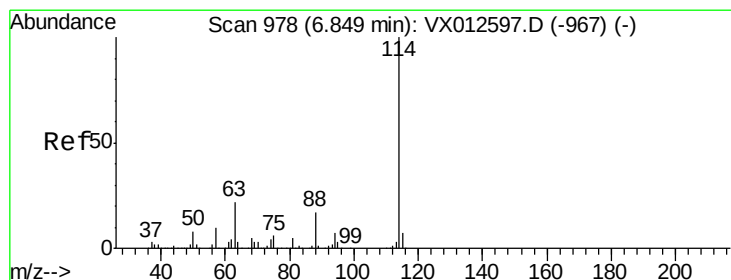
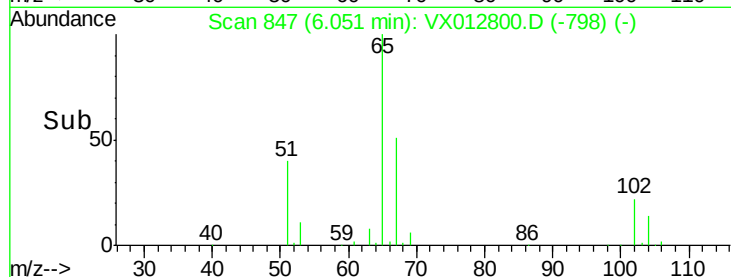
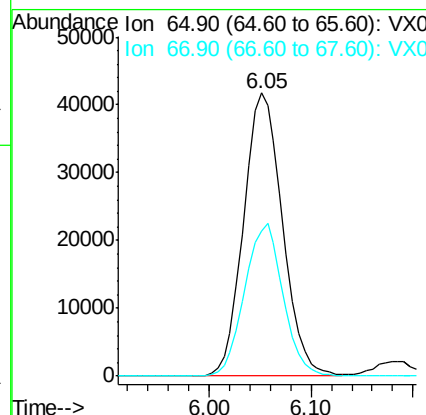
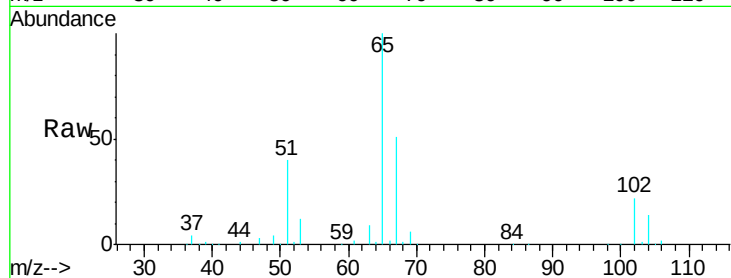




#33
 1,2-Dichloroethane-d4
 Concen: 43.407 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

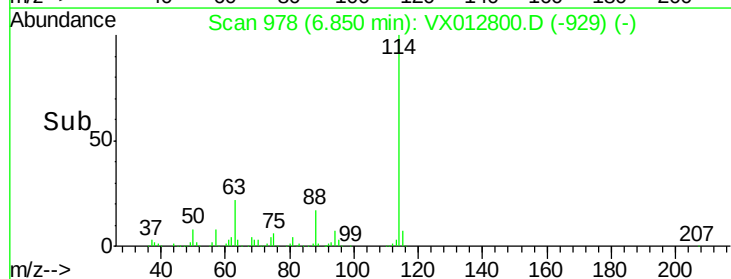
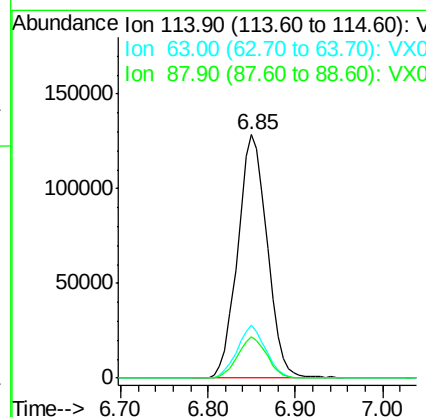
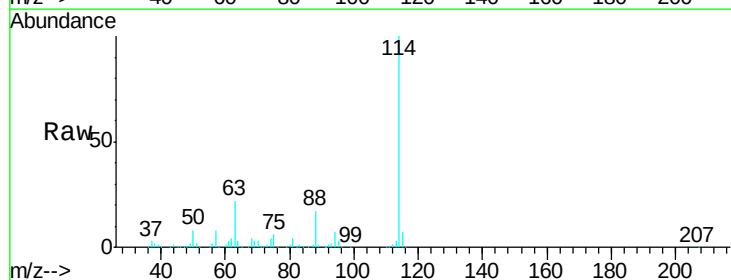
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

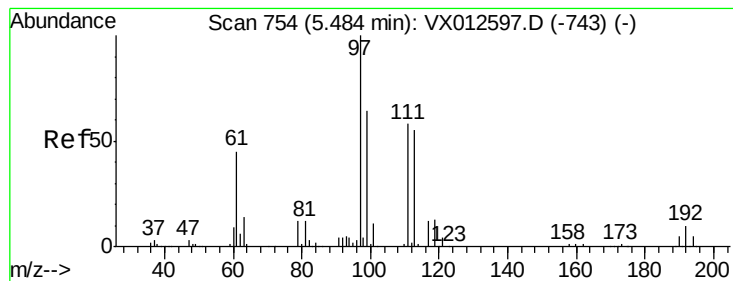
Tgt Ion: 65 Resp: 110651
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 114 Resp: 301305
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.972 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

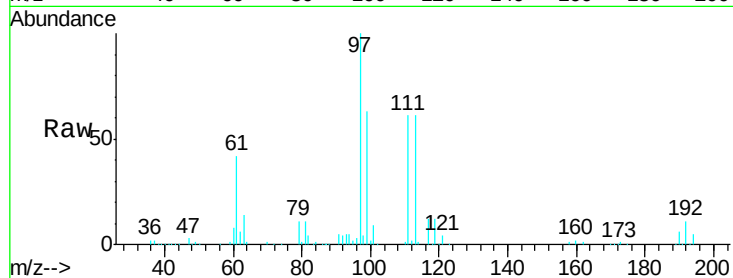
Tgt Ion:113 Resp: 87875

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

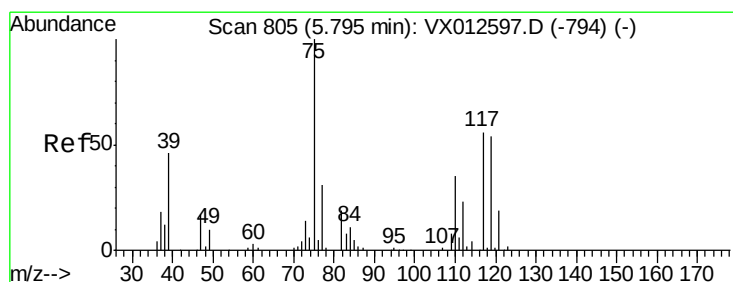
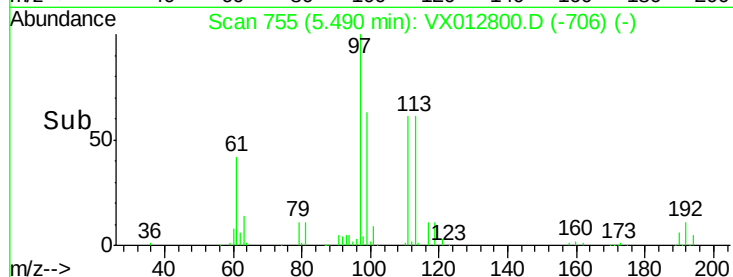
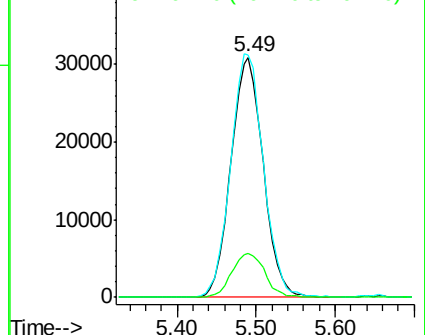
192 18.6 14.4 21.6



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: 45.227 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

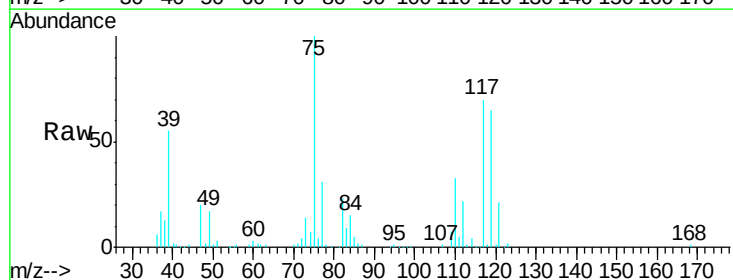
Tgt Ion: 75 Resp: 131352

Ion Ratio Lower Upper

75 100

110 34.7 16.7 50.0

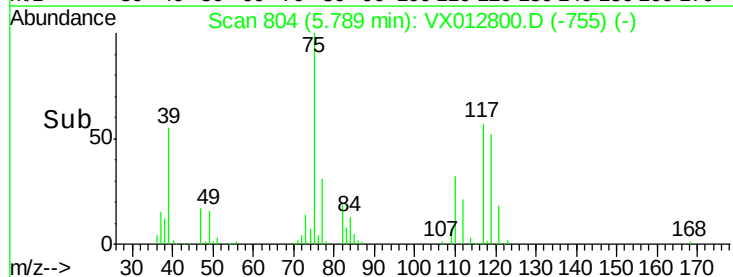
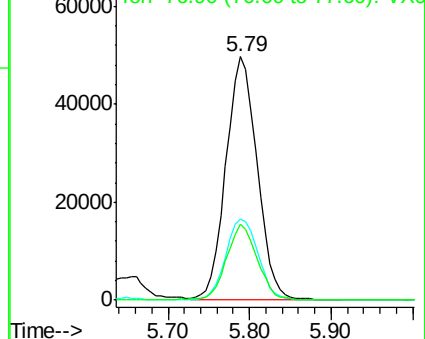
77 30.8 24.2 36.2

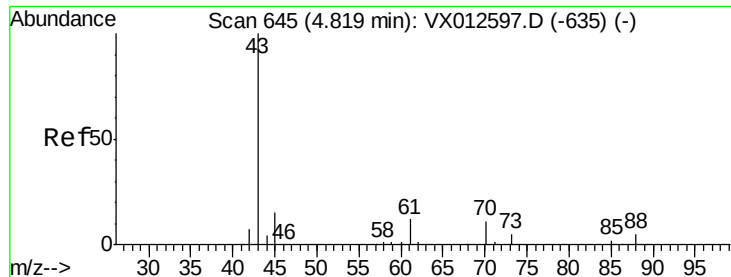


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 44.474 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

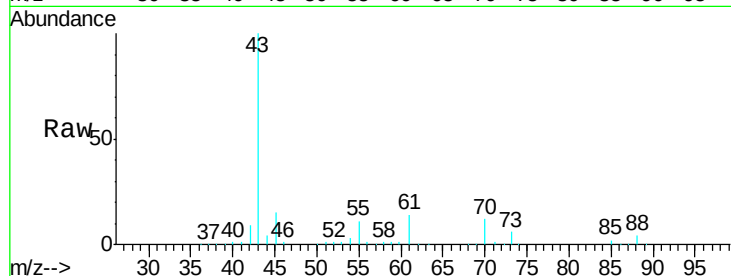
Tgt Ion: 43 Resp: 151007

Ion Ratio Lower Upper

43 100

61 14.6 10.2 15.4

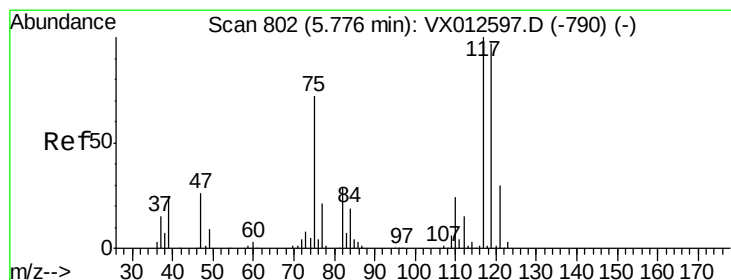
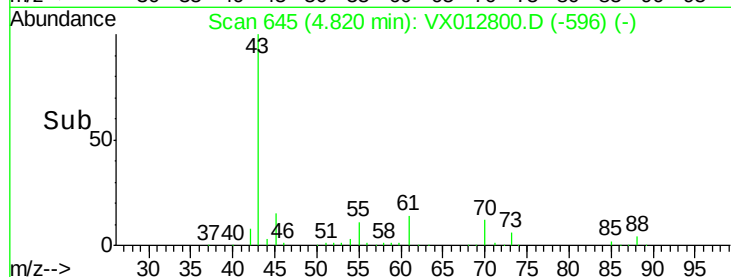
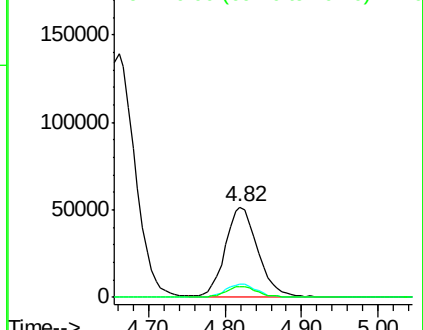
70 12.0 8.7 13.1



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: 45.810 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

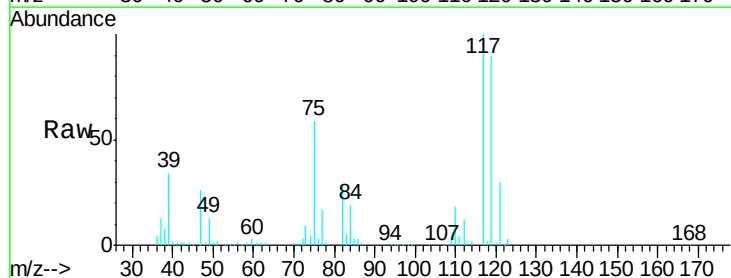
Tgt Ion: 117 Resp: 135150

Ion Ratio Lower Upper

117 100

119 89.4 75.7 113.5

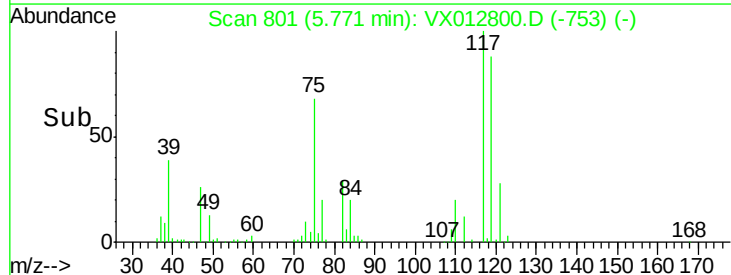
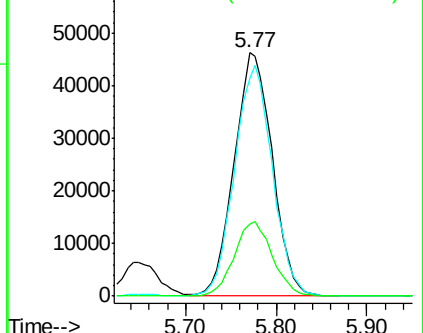
121 29.6 24.2 36.4

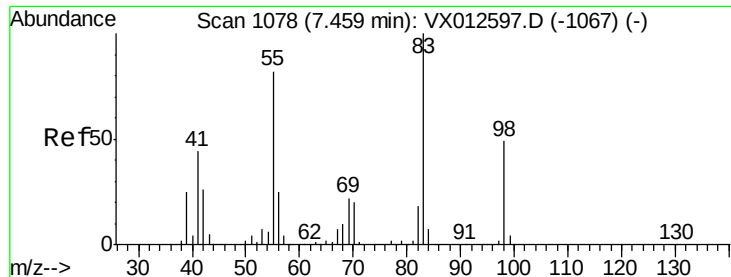


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

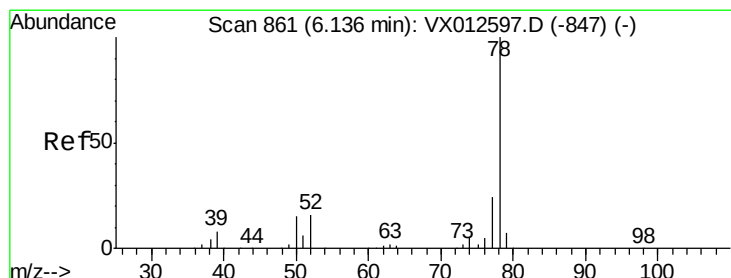
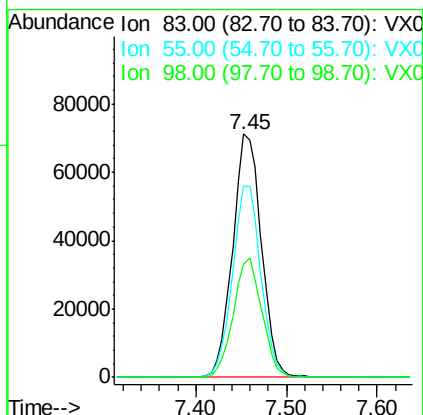
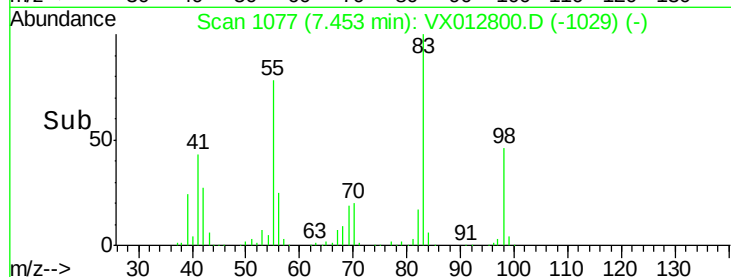
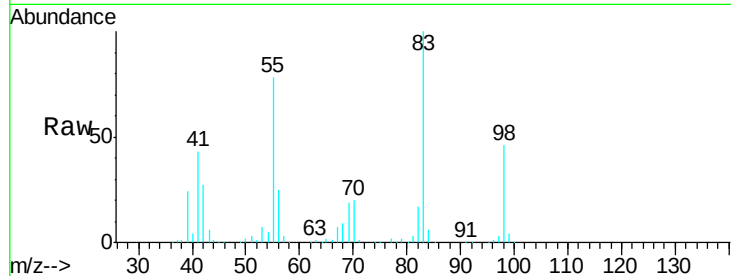




#39
Methylcyclohexane
Concen: 44.801 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

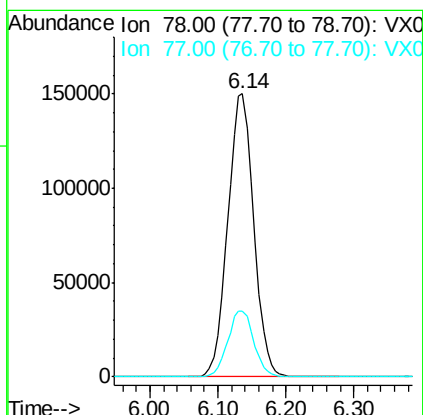
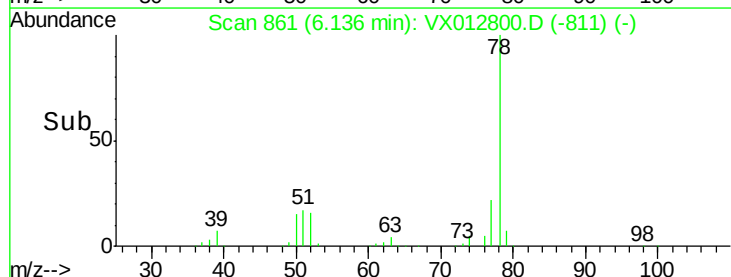
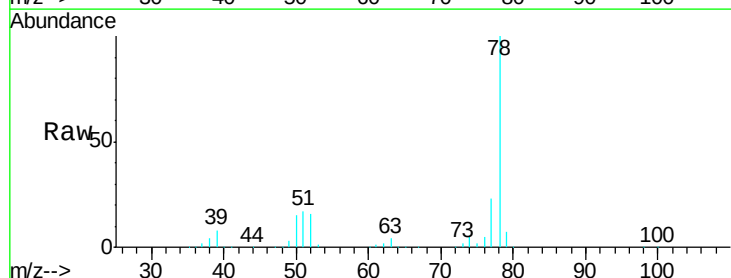
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

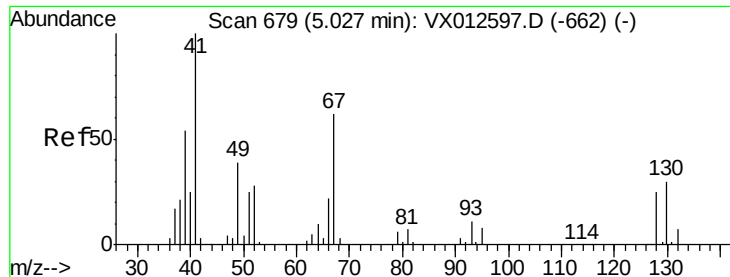
Tgt Ion: 83 Resp: 156641
Ion Ratio Lower Upper
83 100
55 78.3 64.4 96.6
98 46.5 40.1 60.1



#40
Benzene
Concen: 46.455 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion: 78 Resp: 396962
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8

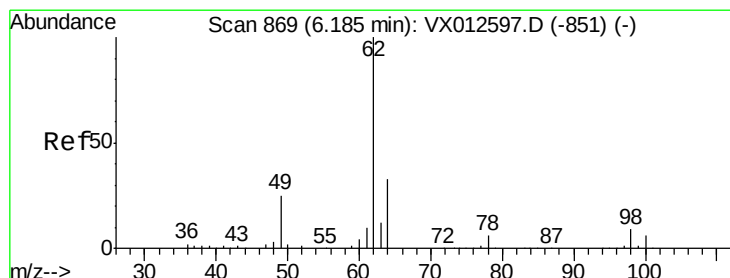
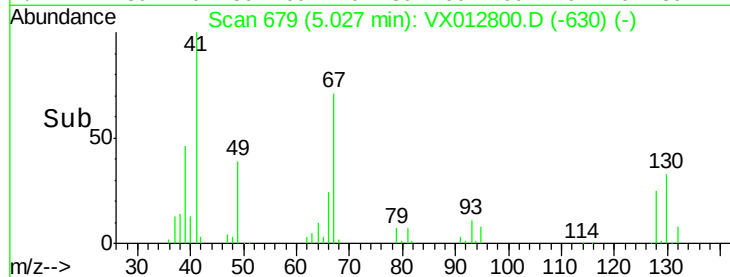
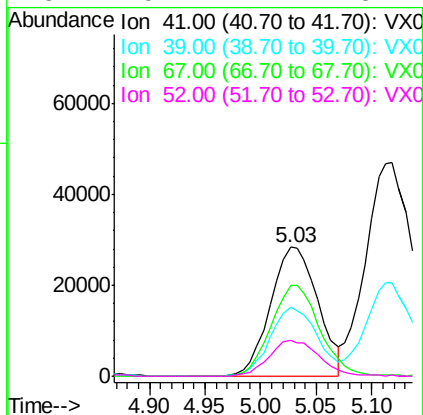
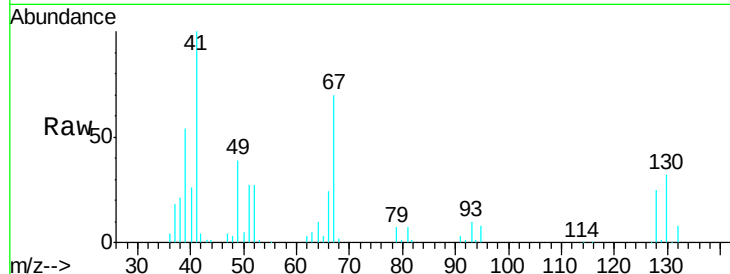




#41
Methacrylonitrile
Concen: 44.284 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

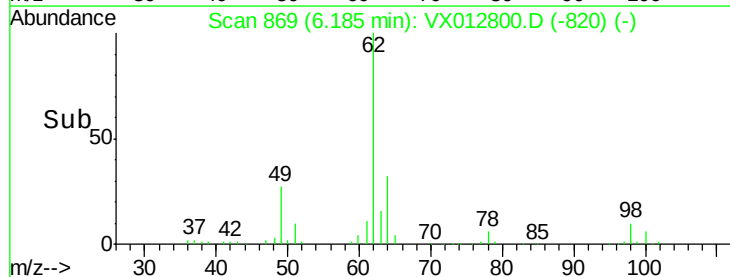
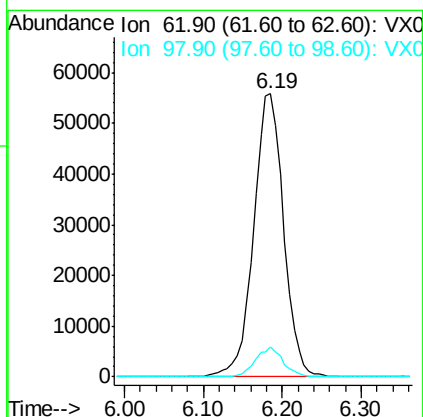
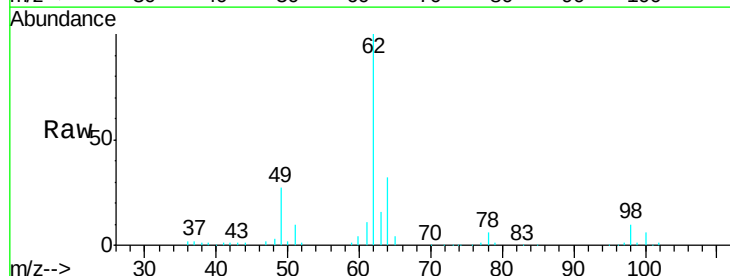
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

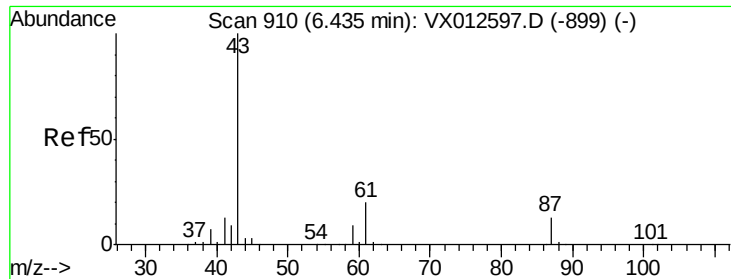
Tgt Ion:	41	Resp:	84363
Ion	Ratio	Lower	Upper
41	100		
39	53.2	46.0	69.0
67	72.6	52.2	78.2
52	29.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 45.376 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion:	62	Resp:	147242
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 43.889 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

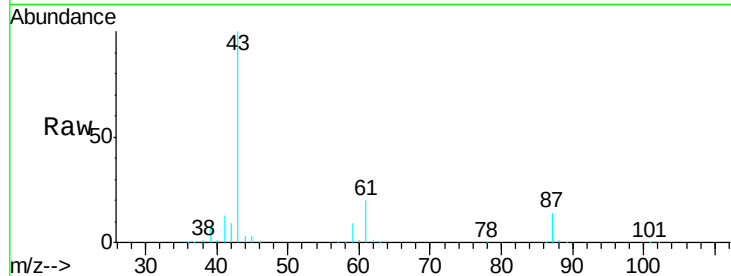
Tgt Ion: 43 Resp: 249205

Ion Ratio Lower Upper

43 100

61 20.3 15.4 23.0

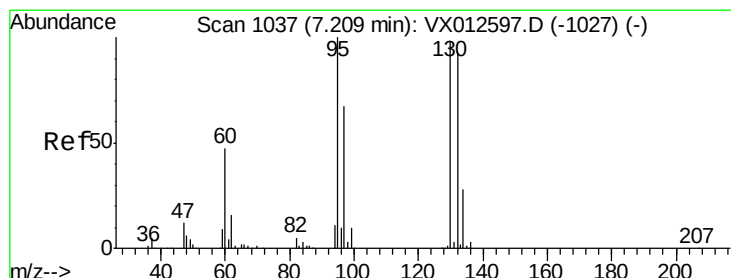
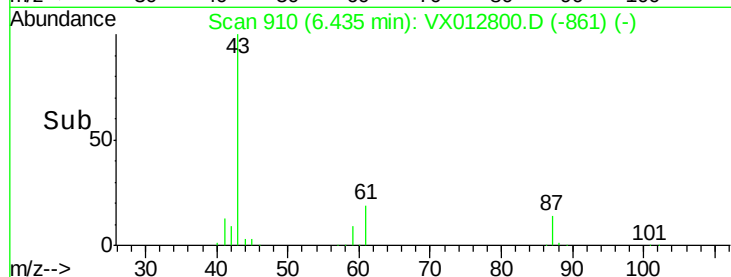
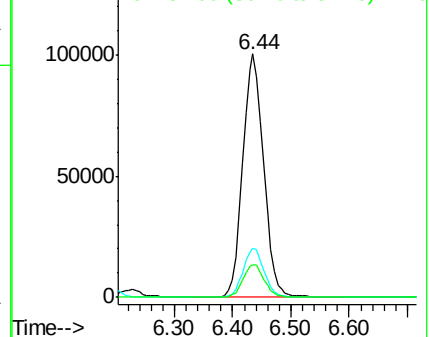
87 13.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.942 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012800.D

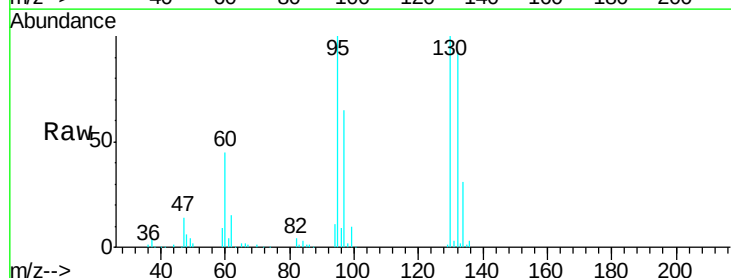
Acq: 03 Oct 2019 21:39

Tgt Ion: 130 Resp: 102547

Ion Ratio Lower Upper

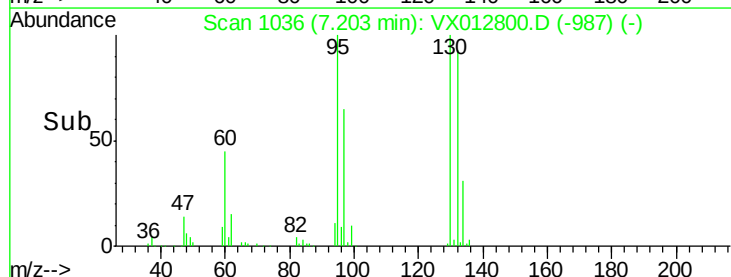
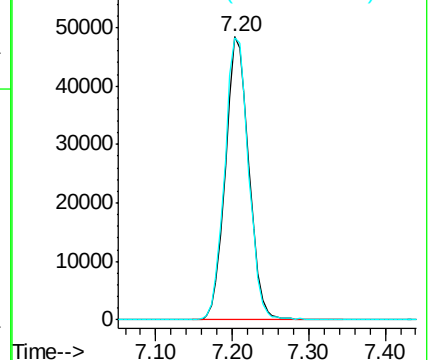
130 100

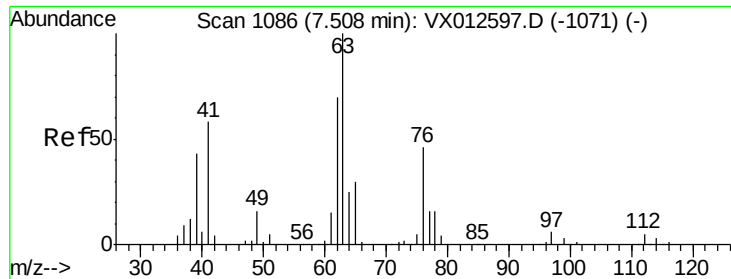
95 99.9 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

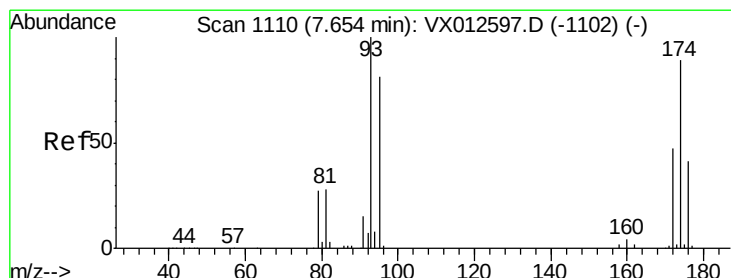
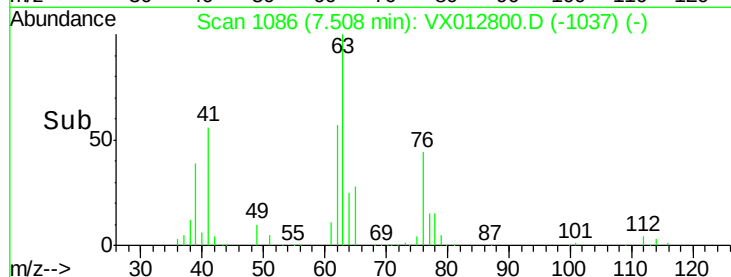
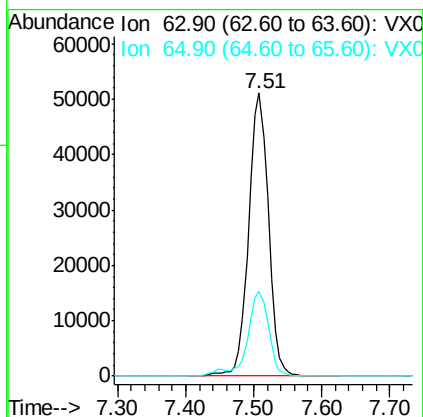
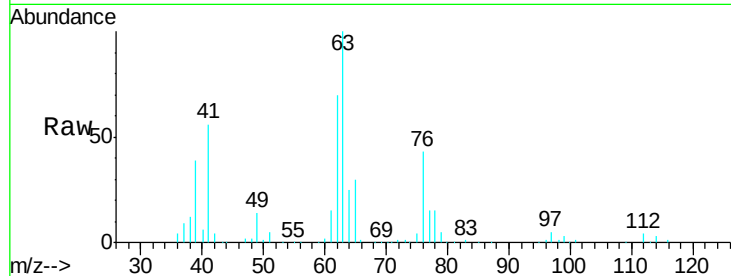




#45
 1,2-Dichloropropane
 Concen: 47.621 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

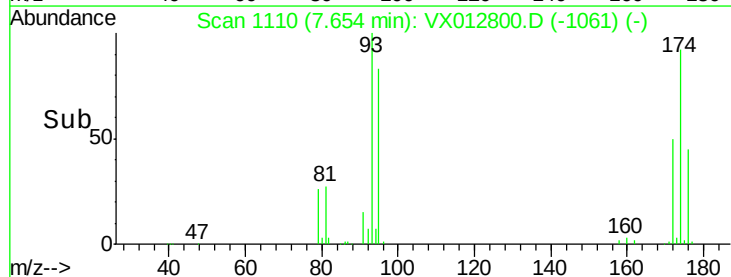
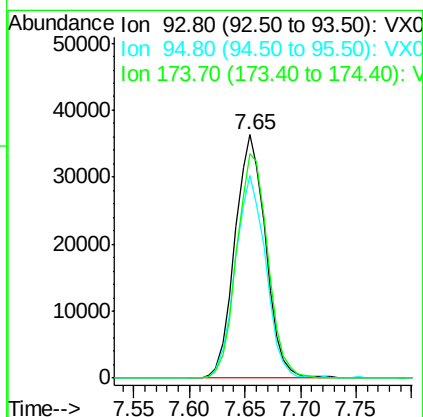
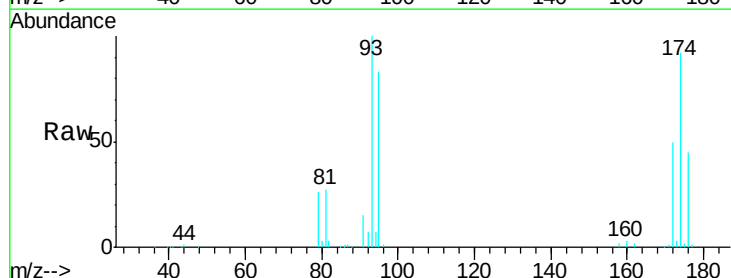
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

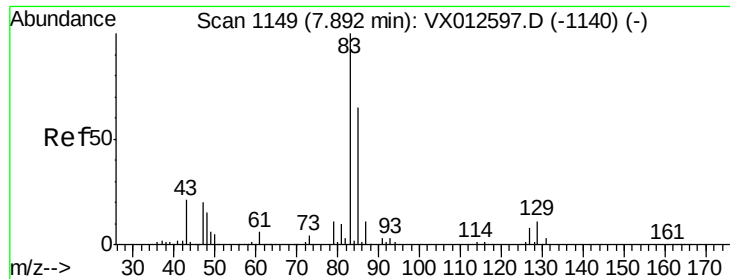
Tgt Ion: 63 Resp: 104184
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6



#46
 Dibromomethane
 Concen: 46.552 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 93 Resp: 69342
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 93.8 77.4 116.0





#47

Bromodichloromethane

Concen: 46.158 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

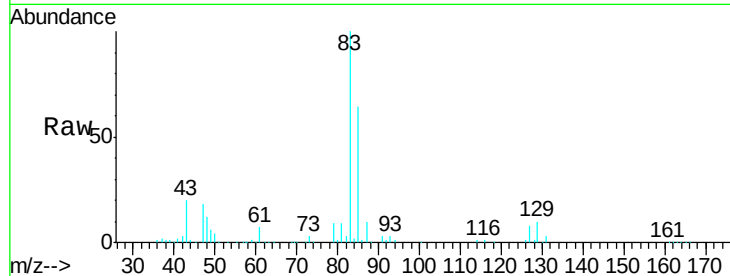
Tgt Ion: 83 Resp: 137414

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6

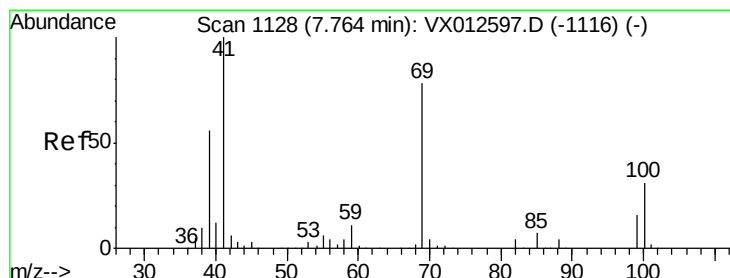
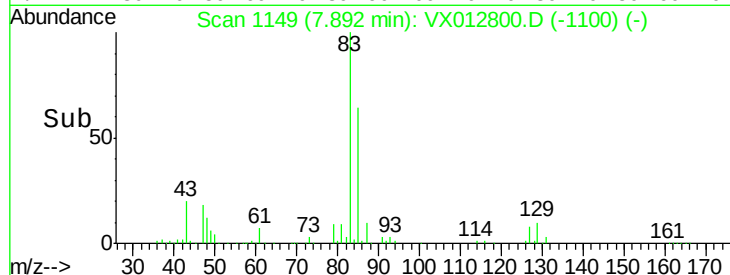
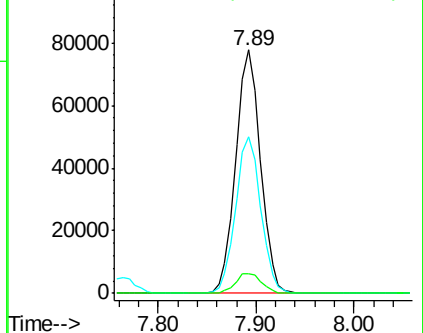
127 7.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 44.976 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

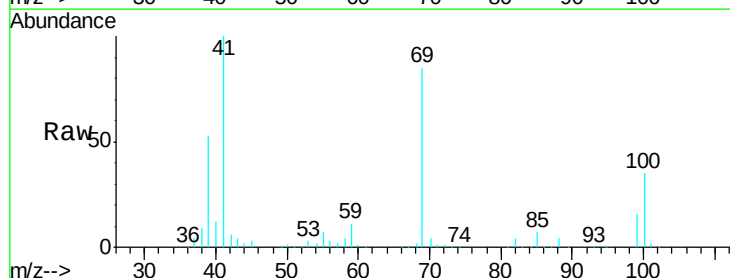
Tgt Ion: 41 Resp: 122453

Ion Ratio Lower Upper

41 100

69 83.3 59.9 89.9

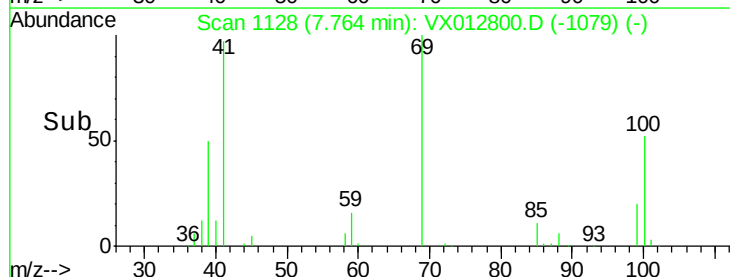
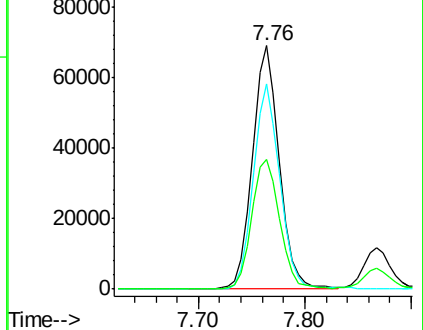
39 55.7 47.8 71.6

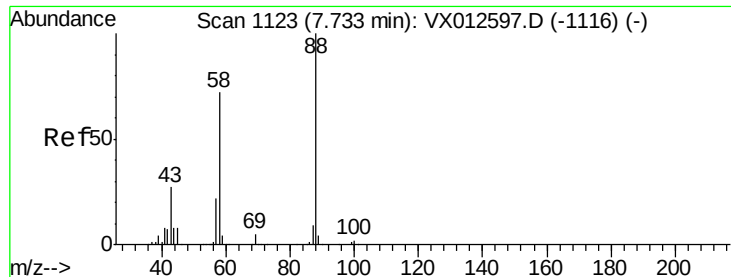


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 889.235 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

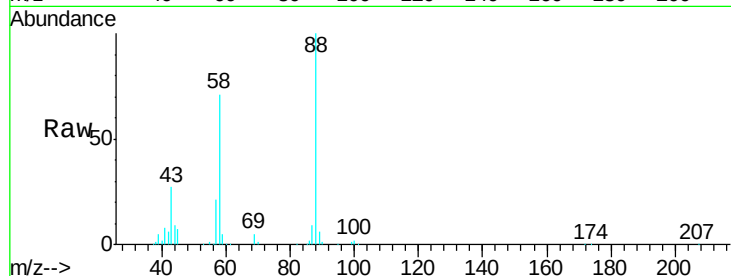
Tgt Ion: 88 Resp: 54914

Ion Ratio Lower Upper

88 100

43 31.8 29.4 44.0

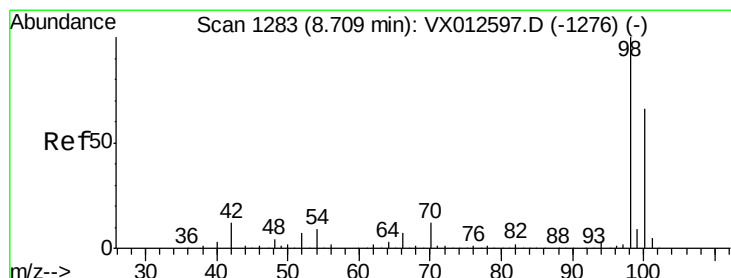
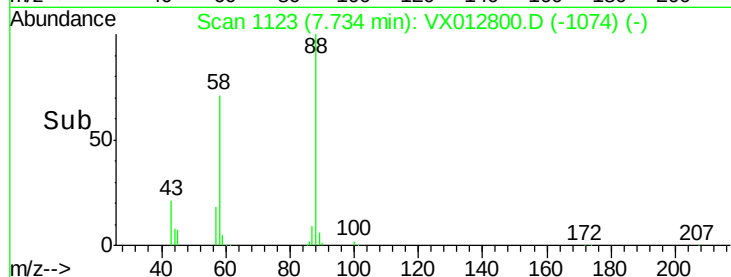
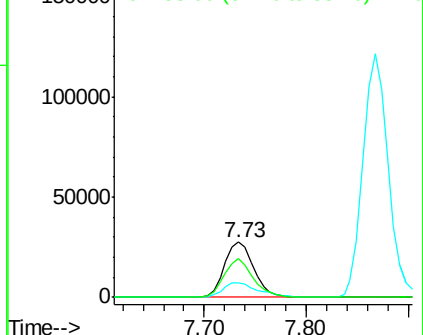
58 69.8 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.989 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012800.D

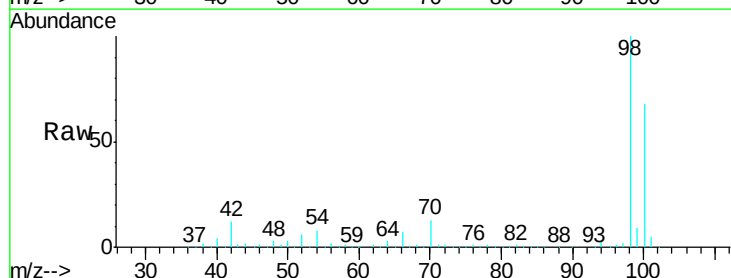
Acq: 03 Oct 2019 21:39

Tgt Ion: 98 Resp: 324709

Ion Ratio Lower Upper

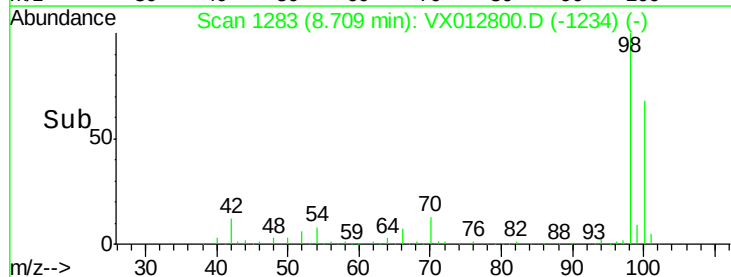
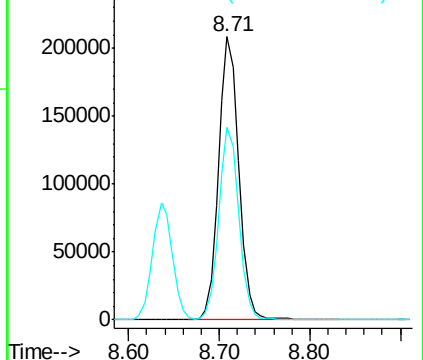
98 100

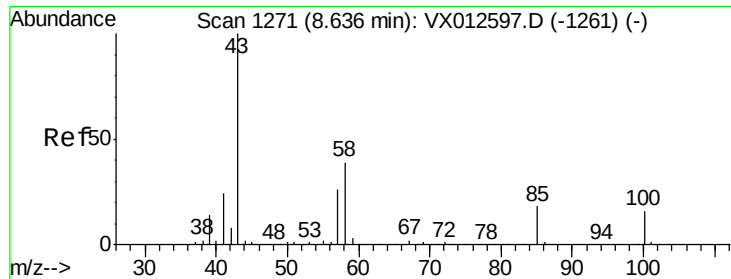
100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 224.463 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

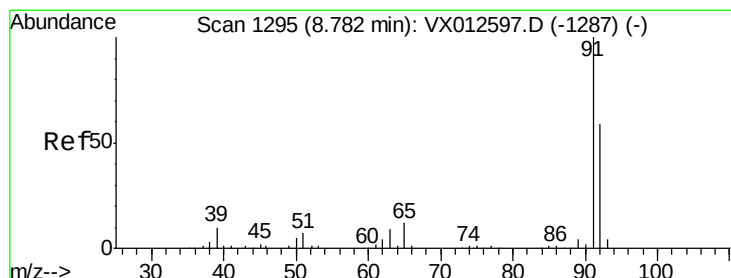
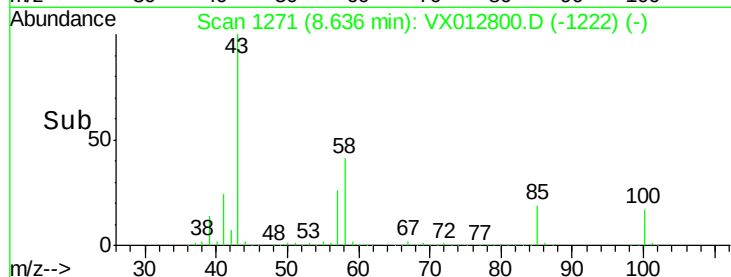
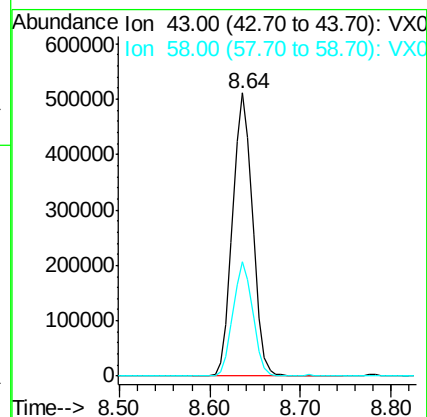
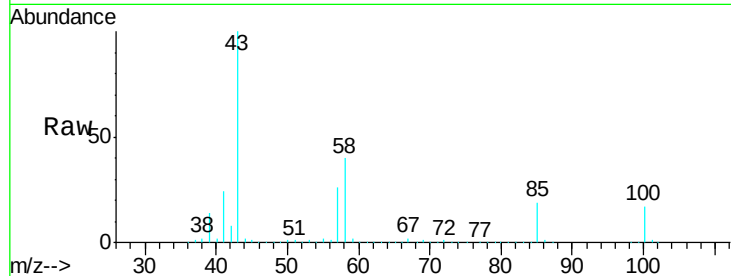
VSTDCCC050EC

Tgt Ion: 43 Resp: 786746

Ion Ratio Lower Upper

43 100

58 39.8 29.8 44.6



#52

Toluene

Concen: 46.760 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012800.D

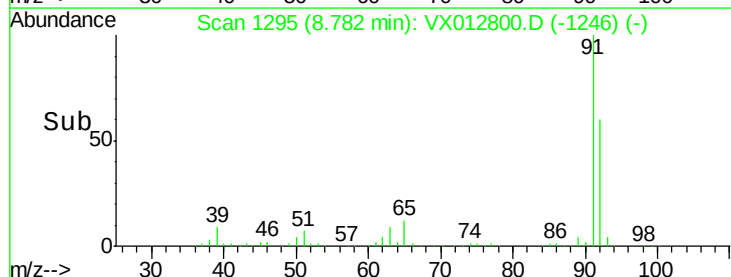
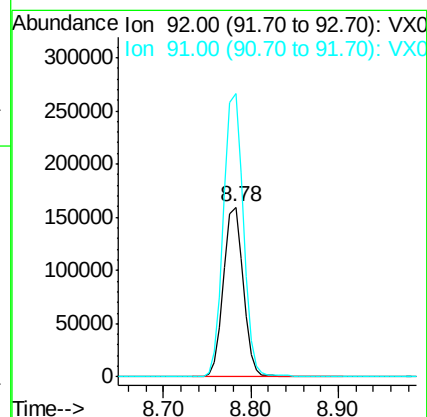
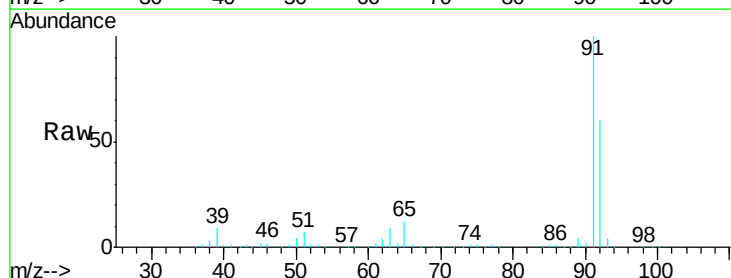
Acq: 03 Oct 2019 21:39

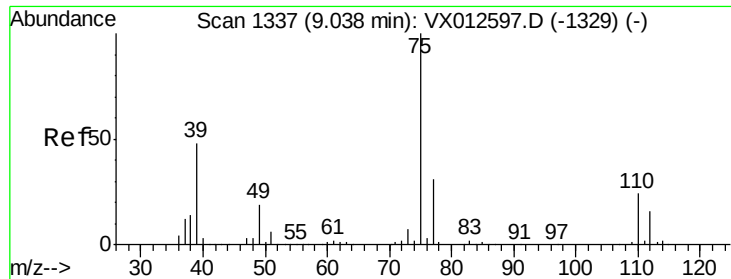
Tgt Ion: 92 Resp: 251131

Ion Ratio Lower Upper

92 100

91 167.5 135.4 203.0

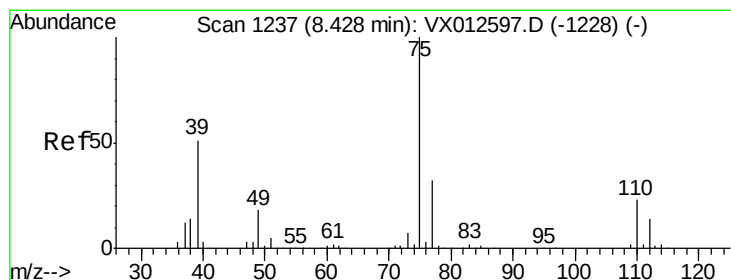
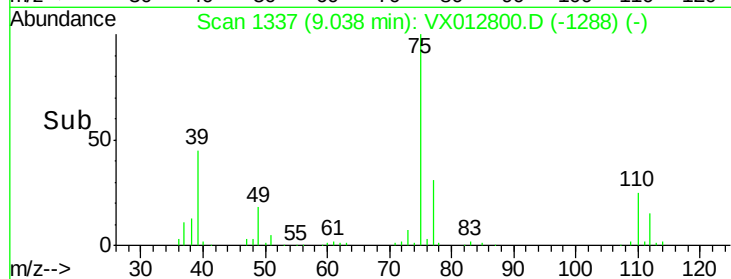
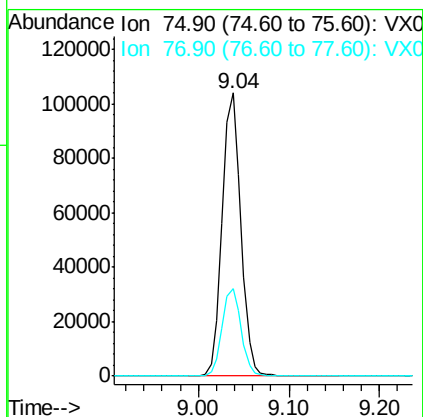
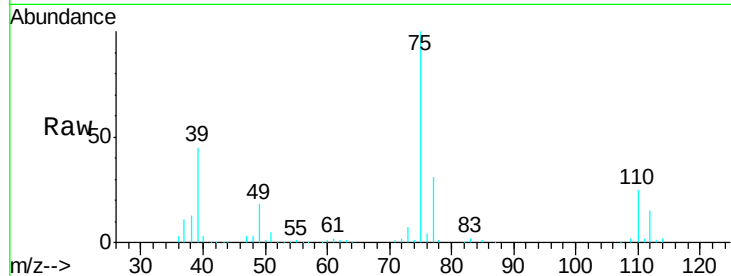




#53
 t-1,3-Dichloropropene
 Concen: 45.415 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

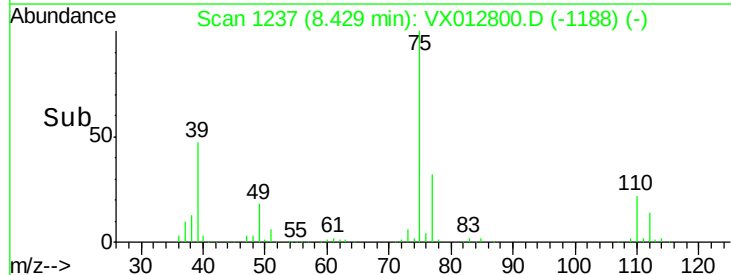
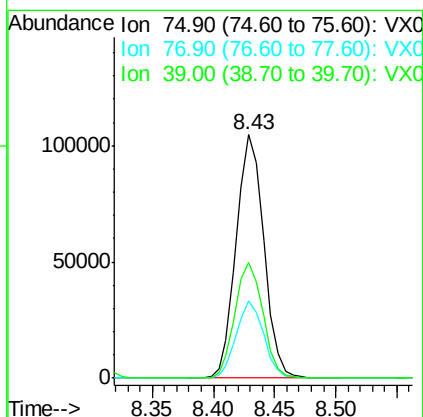
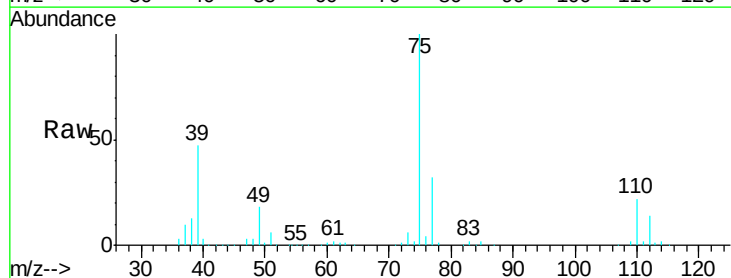
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

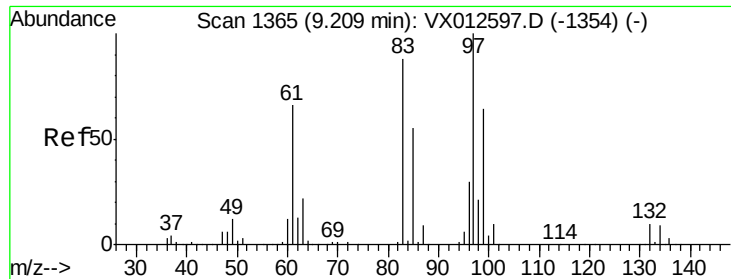
Tgt Ion: 75 Resp: 149589
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 45.669 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 75 Resp: 164240
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 47.4 45.5 68.3

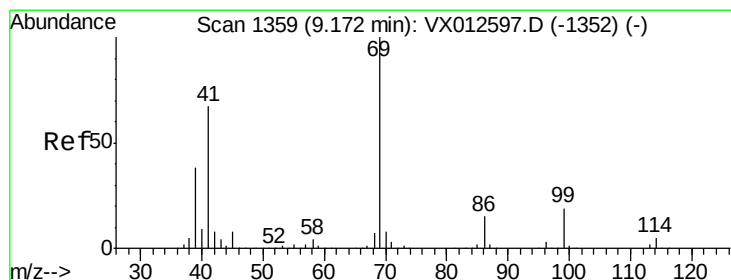
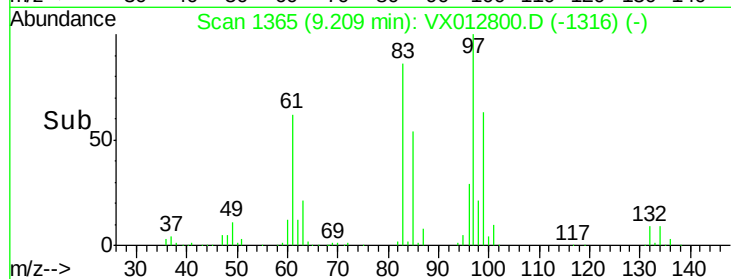
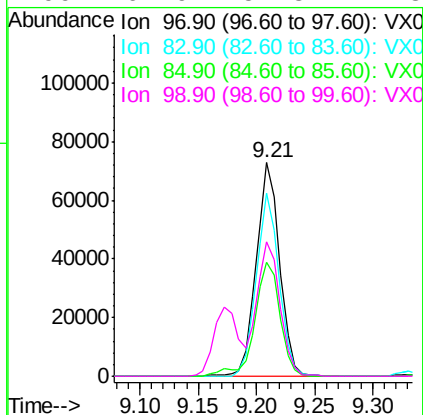
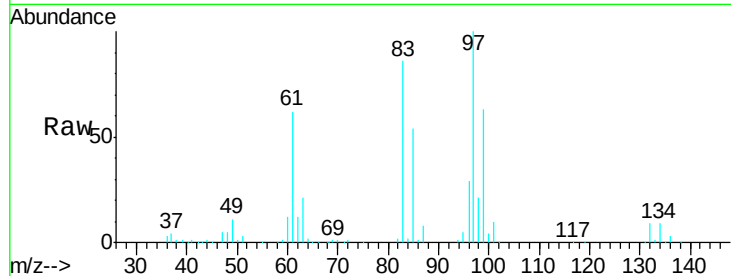




#55
 1,1,2-Trichloroethane
 Concen: 47.872 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

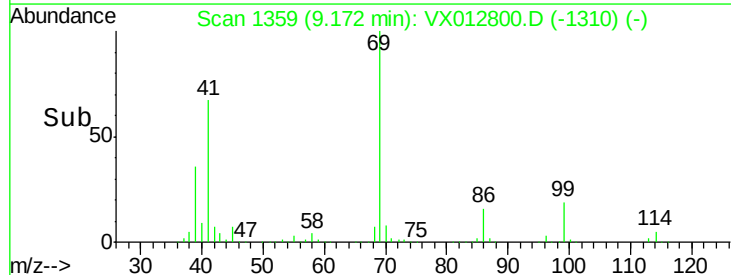
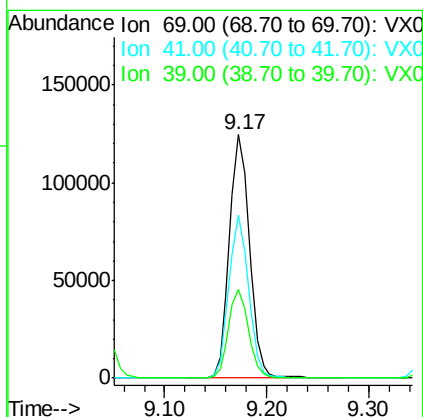
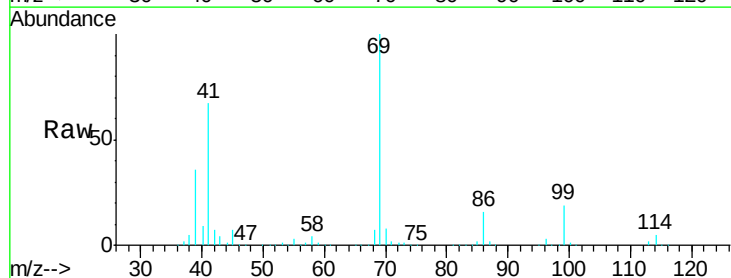
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

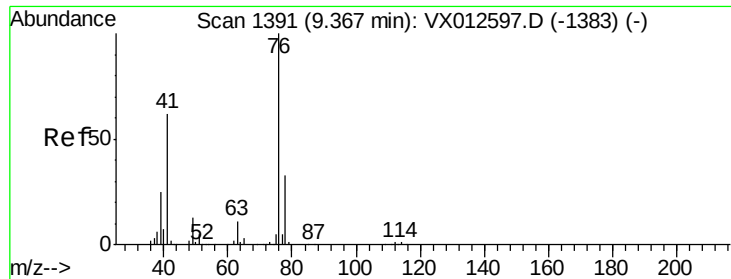
Tgt Ion:	97	Resp:	102217
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.4	101.2
85	53.6	43.5	65.3
99	62.9	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 47.504 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion:	69	Resp:	170407
Ion	Ratio	Lower	Upper
69	100		
41	66.1	58.4	87.6
39	35.9	33.4	50.0

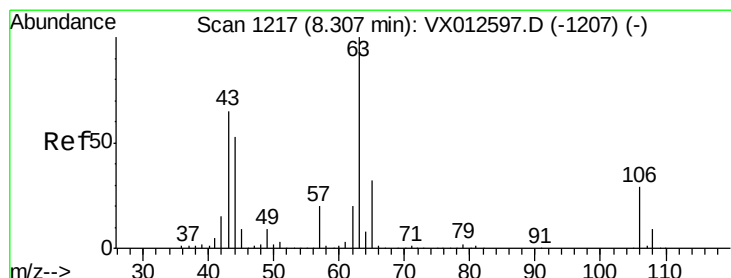
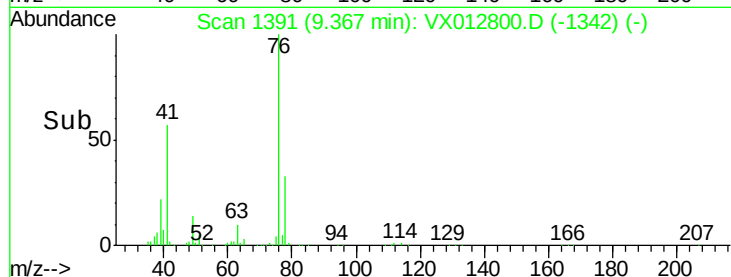
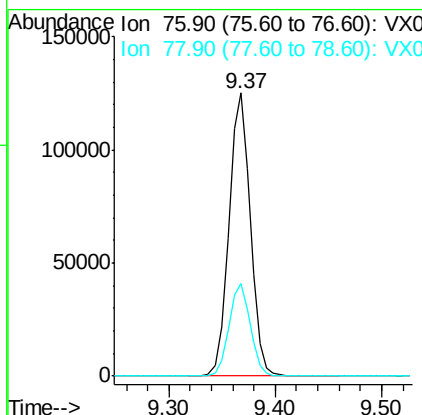
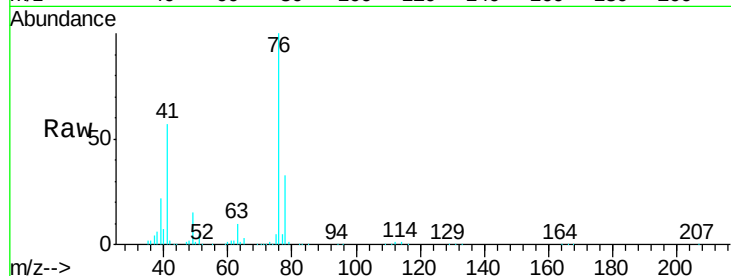




#57
 1,3-Dichloropropane
 Concen: 47.139 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

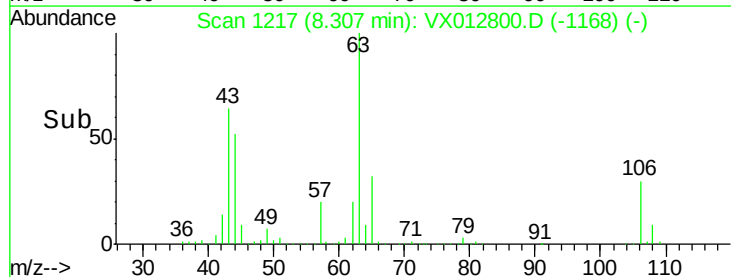
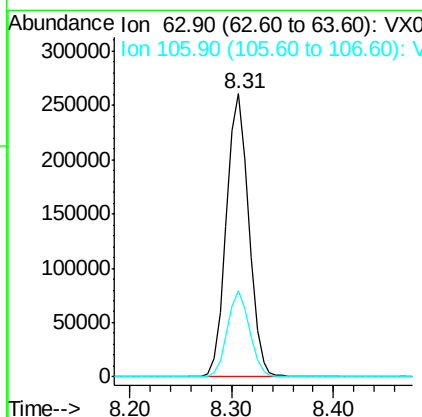
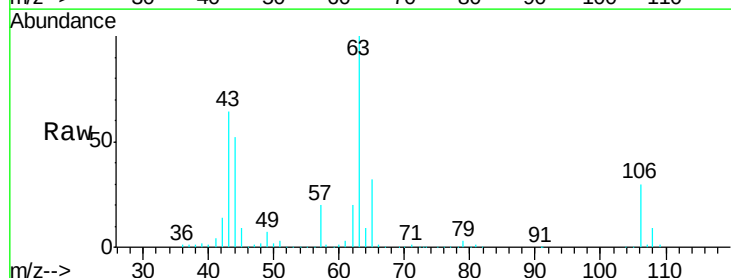
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

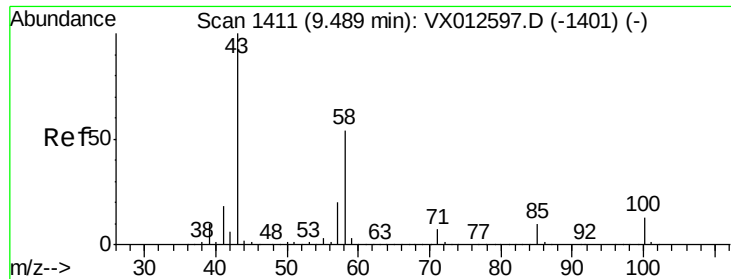
Tgt Ion: 76 Resp: 176158
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.229 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 63 Resp: 396478
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.6

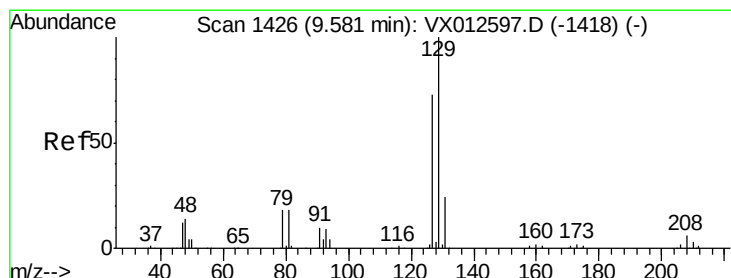
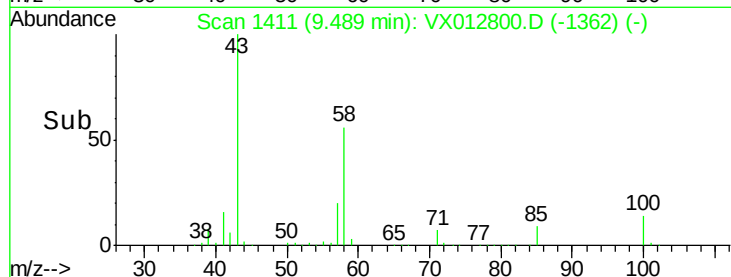
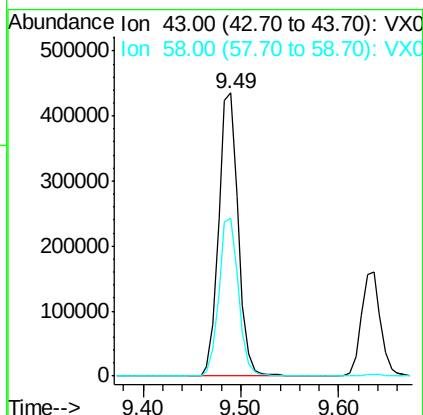
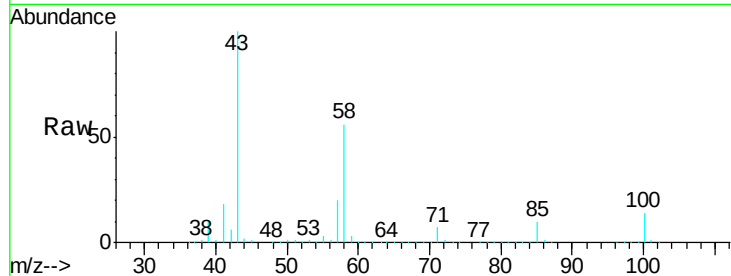




#59
2-Hexanone
Concen: 224.792 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

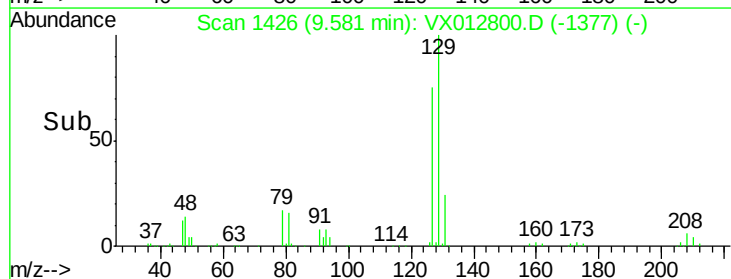
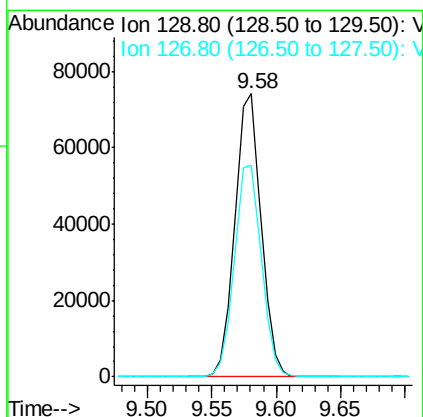
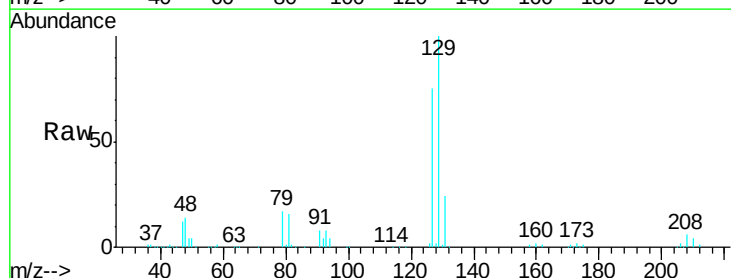
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

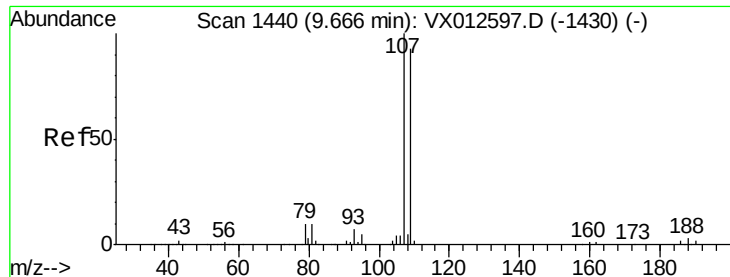
Tgt Ion: 43 Resp: 603089
Ion Ratio Lower Upper
43 100
58 55.9 25.7 77.1



#60
Dibromochloromethane
Concen: 48.905 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion: 129 Resp: 105707
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 48.357 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

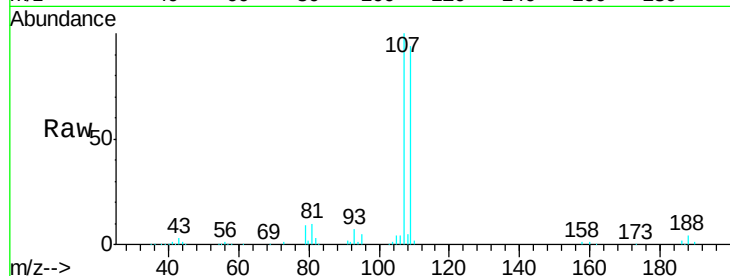
VSTDCCC050EC

Tgt Ion: 107 Resp: 107458

Ion Ratio Lower Upper

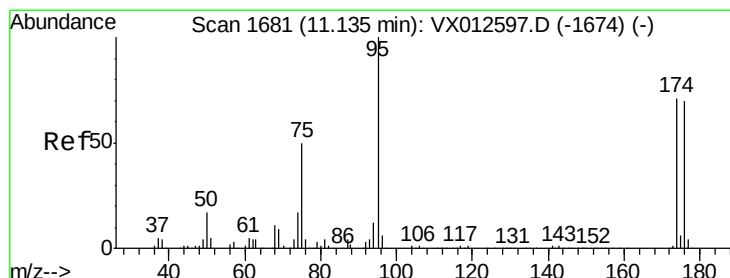
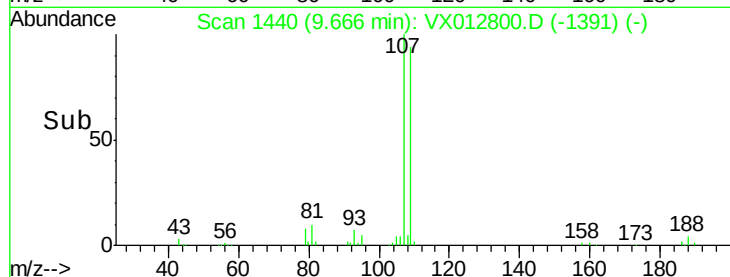
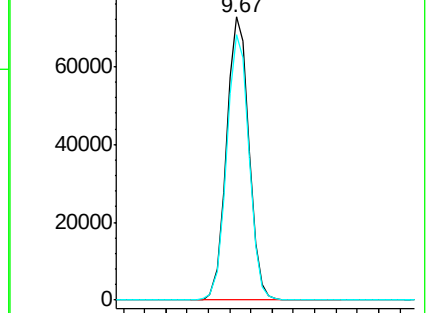
107 100

109 93.7 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: 46.805 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

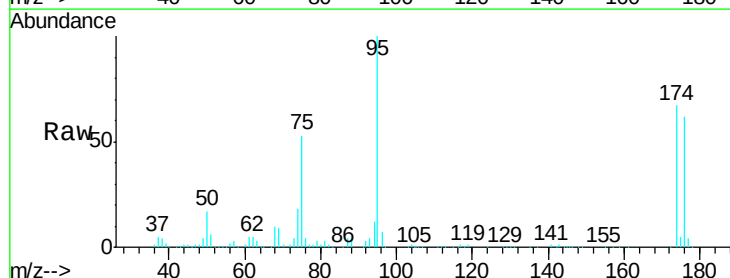
Tgt Ion: 95 Resp: 127178

Ion Ratio Lower Upper

95 100

174 72.6 0.0 140.0

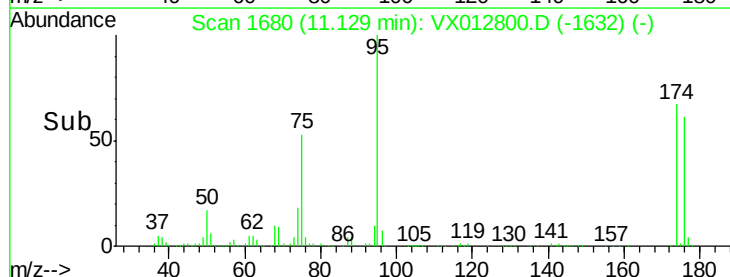
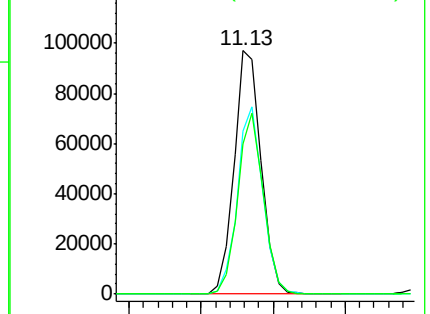
176 70.1 0.0 135.4

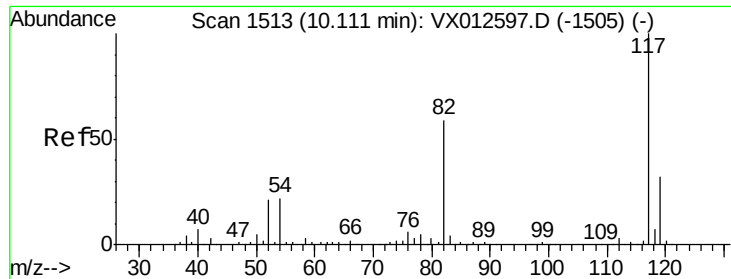


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

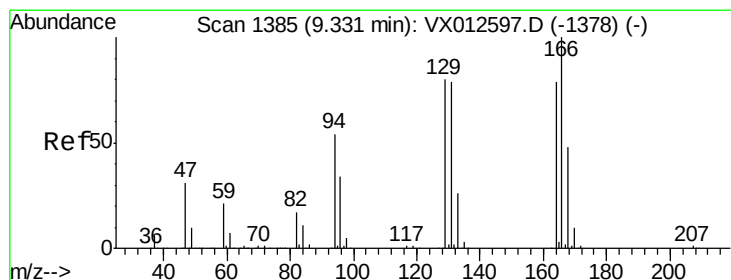
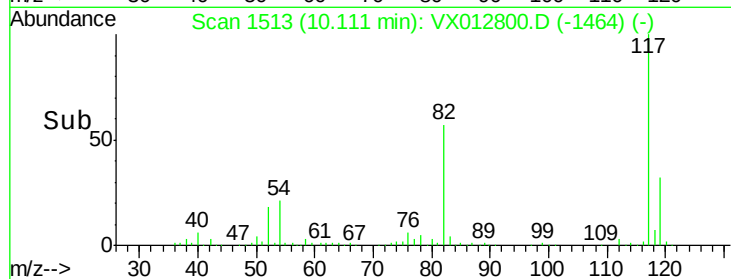
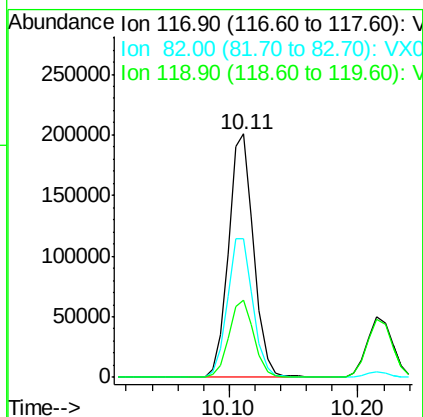
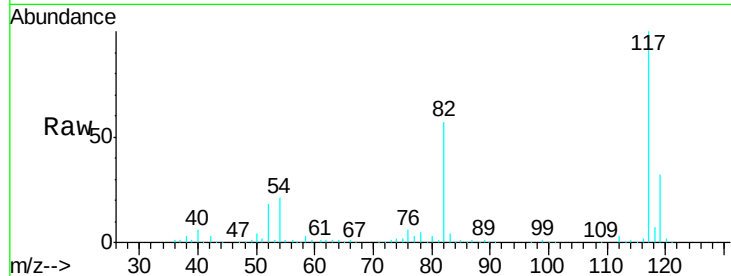




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

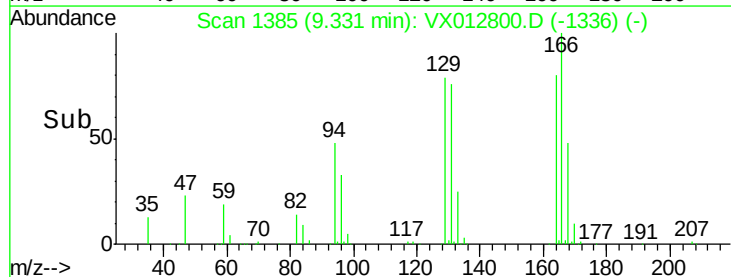
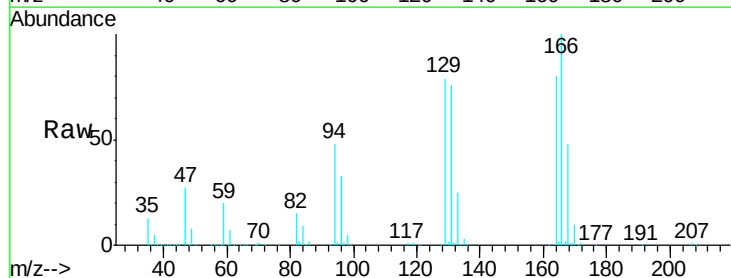
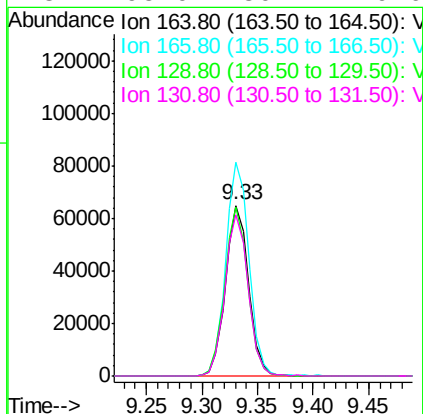
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

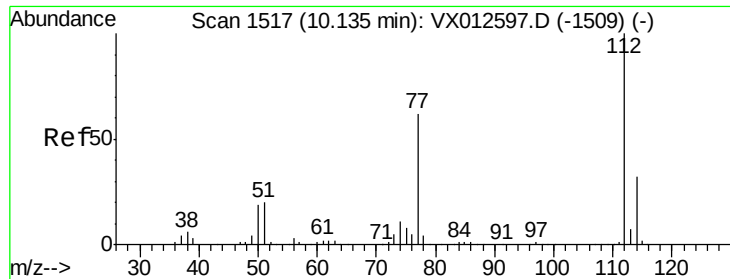
Tgt Ion:117 Resp: 274254
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 31.5 25.3 37.9



#64
Tetrachloroethene
Concen: 48.572 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion:164 Resp: 92877
Ion Ratio Lower Upper
164 100
166 125.5 107.8 161.6
129 99.5 86.2 129.2
131 95.0 80.4 120.6

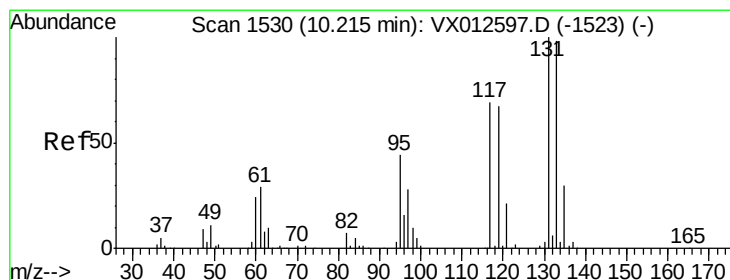
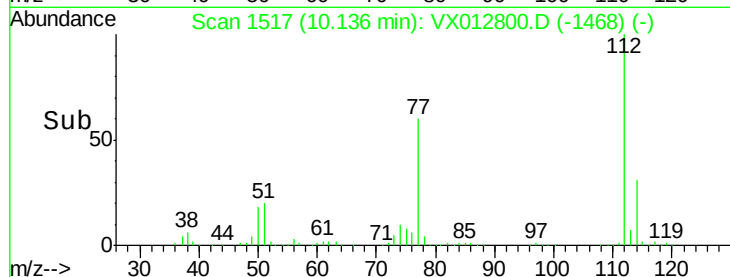
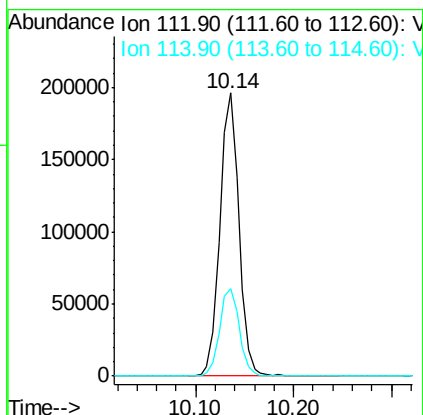
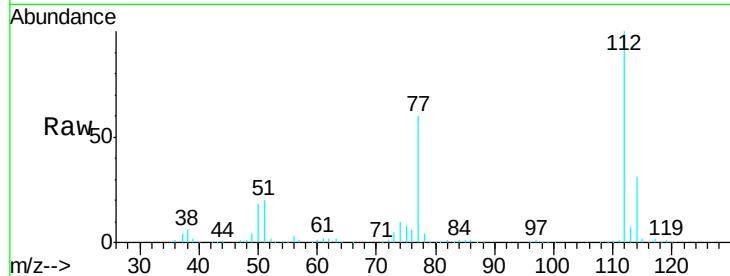




#65
Chlorobenzene
Concen: 45.855 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

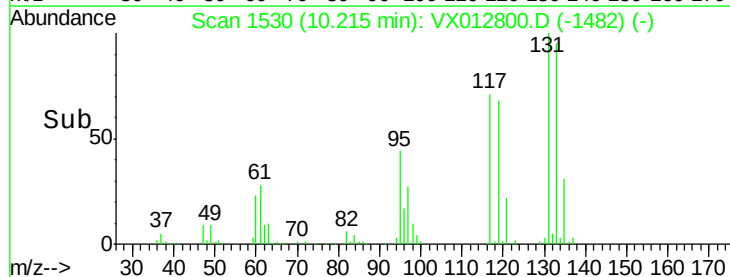
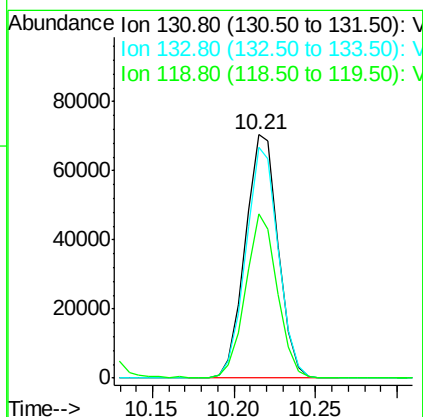
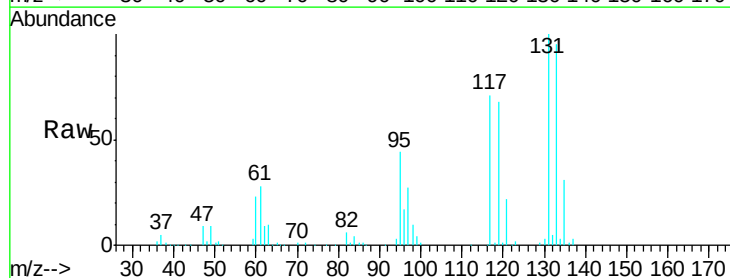
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

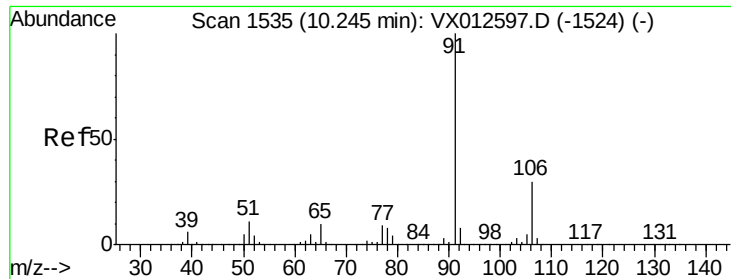
Tgt Ion:112 Resp: 264821
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.389 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion:131 Resp: 99161
Ion Ratio Lower Upper
131 100
133 93.6 47.6 142.9
119 65.0 31.3 93.8





#67

Ethyl Benzene

Concen: 46.219 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

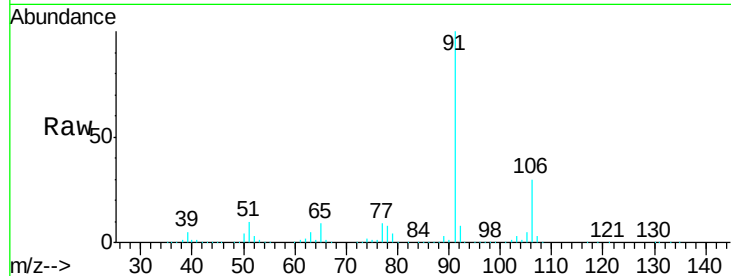
VSTDCCC050EC

Tgt Ion: 91 Resp: 484130

Ion Ratio Lower Upper

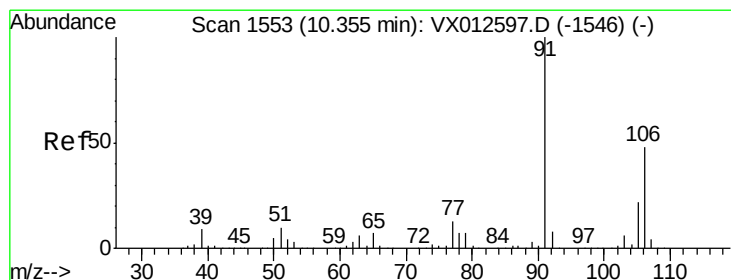
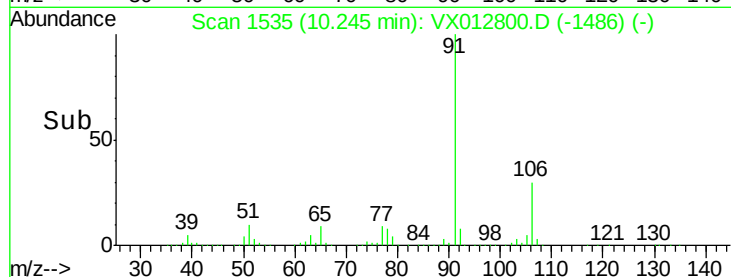
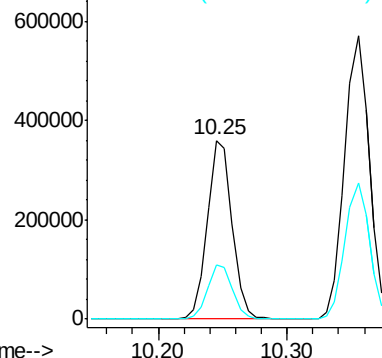
91 100

106 30.3 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: 92.984 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012800.D

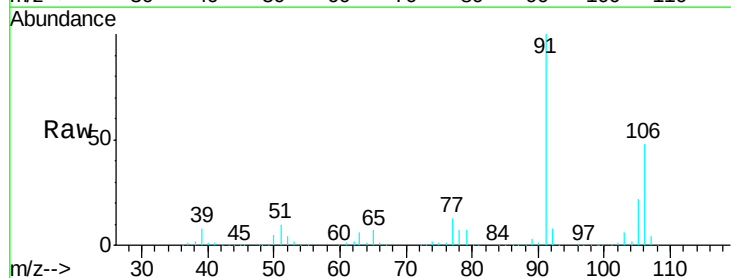
Acq: 03 Oct 2019 21:39

Tgt Ion: 106 Resp: 364855

Ion Ratio Lower Upper

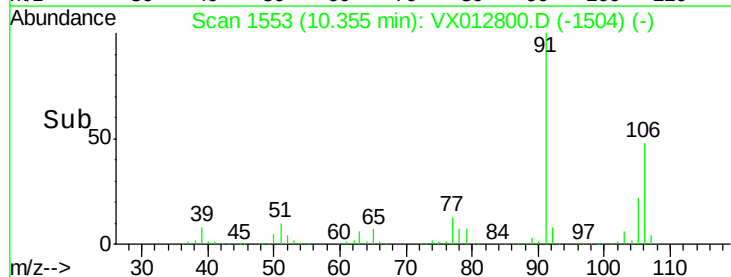
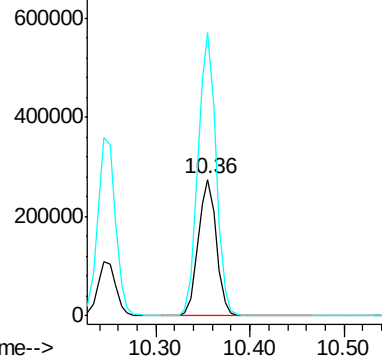
106 100

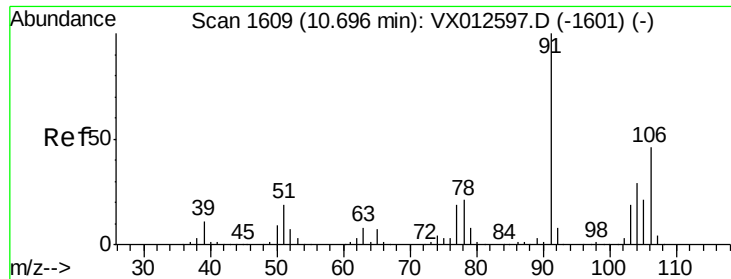
91 207.1 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

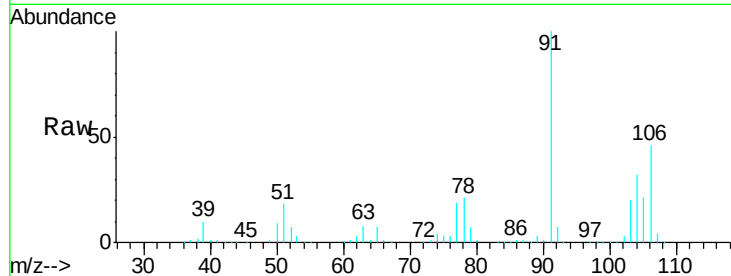




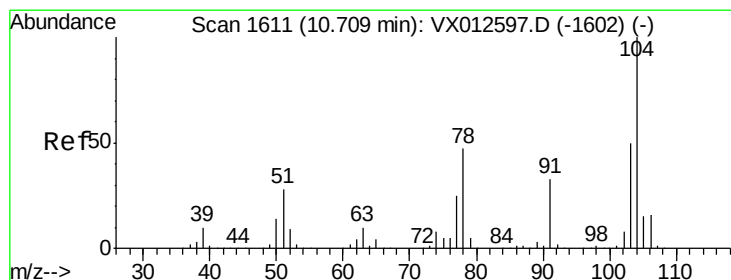
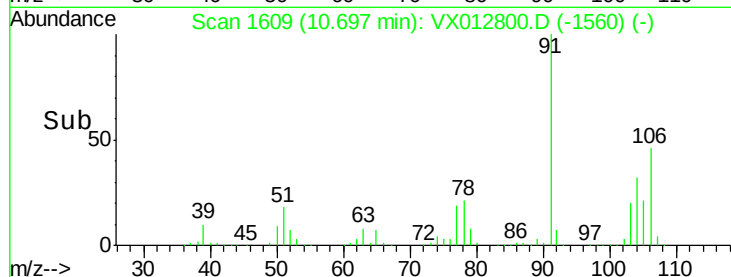
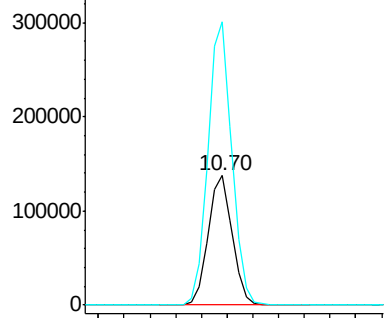
#69
o-Xylene
Concen: 46.804 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 177704
Ion Ratio Lower Upper
106 100
91 217.4 109.4 328.2

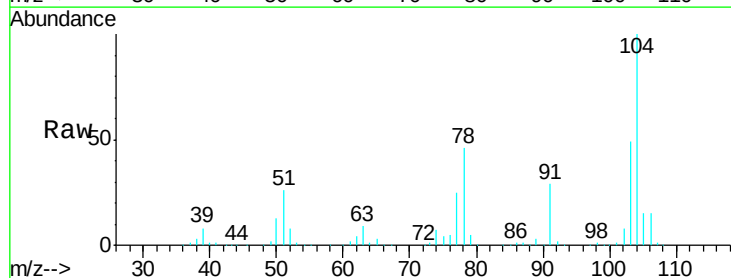


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

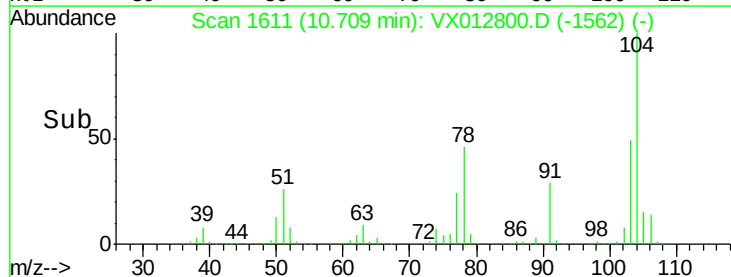
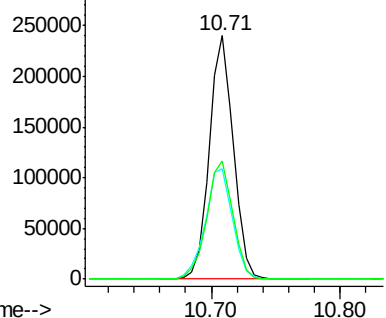


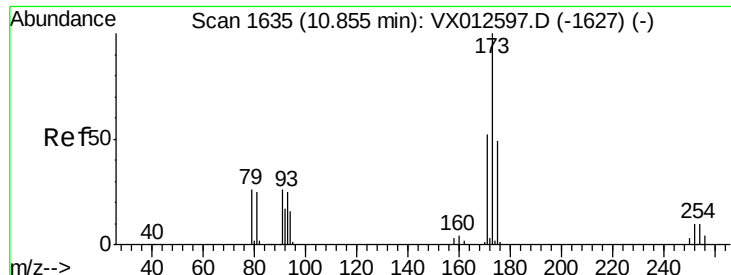
#70
Styrene
Concen: 48.646 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion:104 Resp: 309633
Ion Ratio Lower Upper
104 100
78 52.0 43.4 65.2
103 53.3 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: 49.207 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

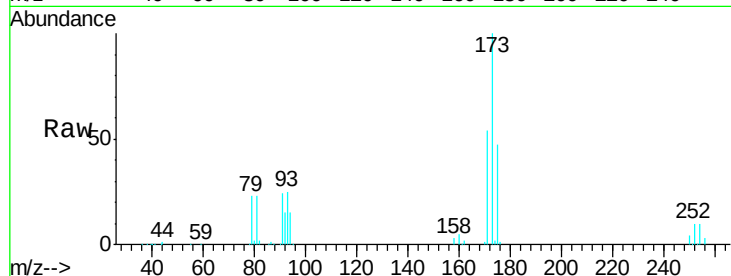
Tgt Ion:173 Resp: 71696

Ion Ratio Lower Upper

173 100

175 47.7 23.7 71.1

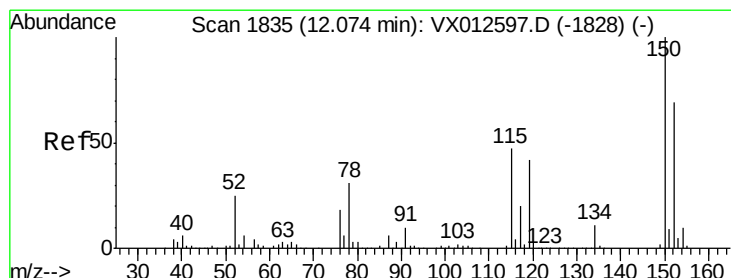
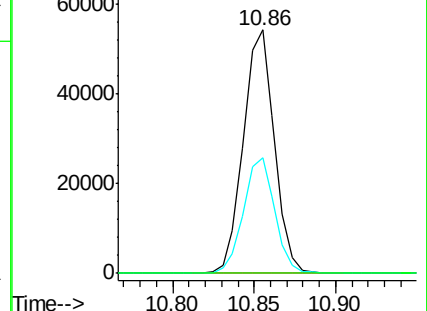
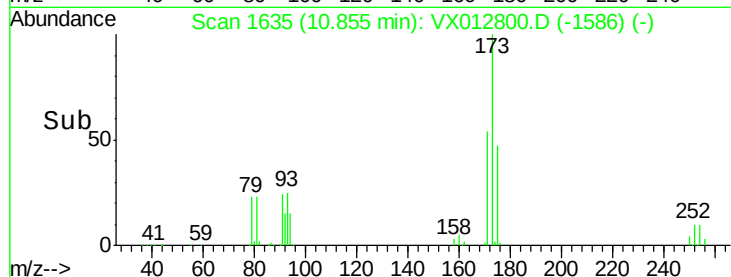
254 0.0 0.1 0.1#



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: VX012800.D

Acq: 03 Oct 2019 21:39

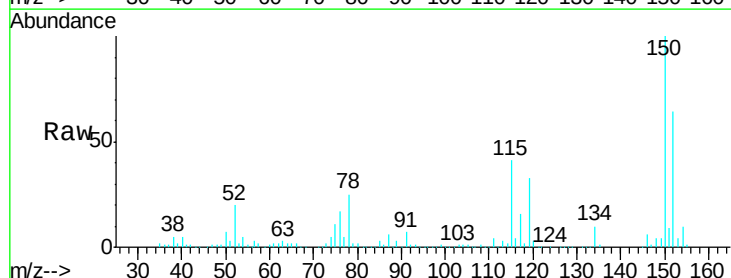
Tgt Ion:152 Resp: 128227

Ion Ratio Lower Upper

152 100

115 87.5 44.1 132.3

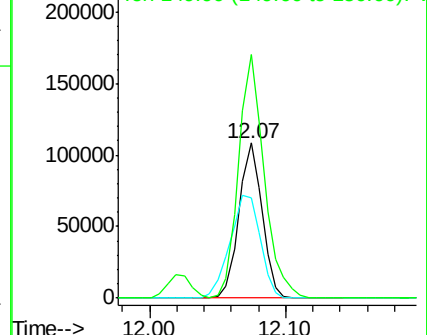
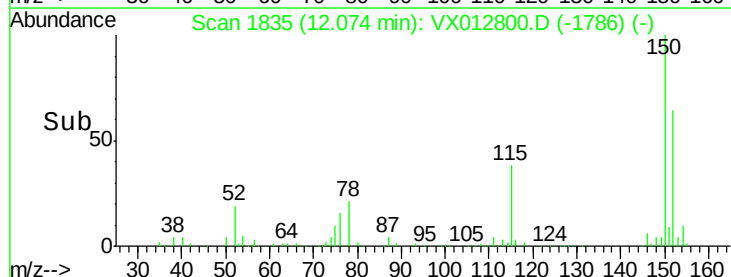
150 174.2 0.0 343.8

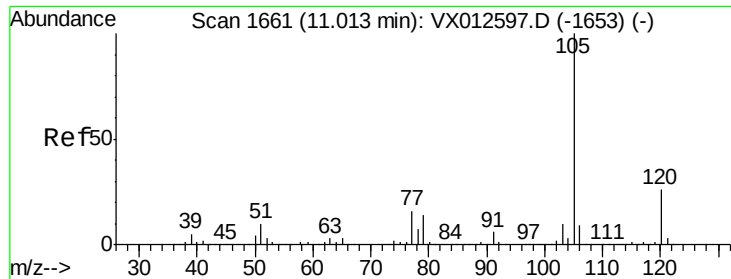


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

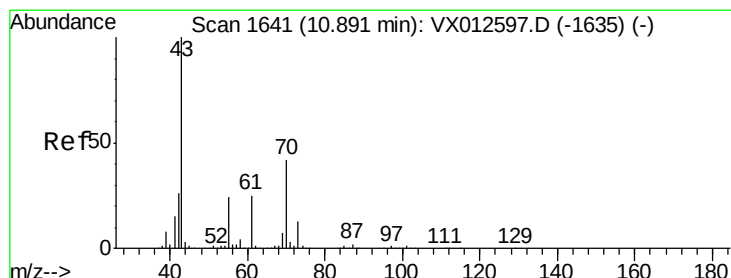
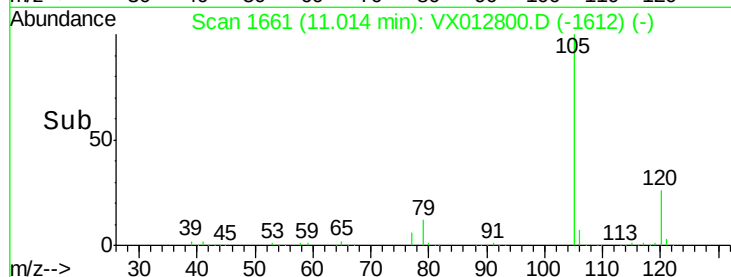
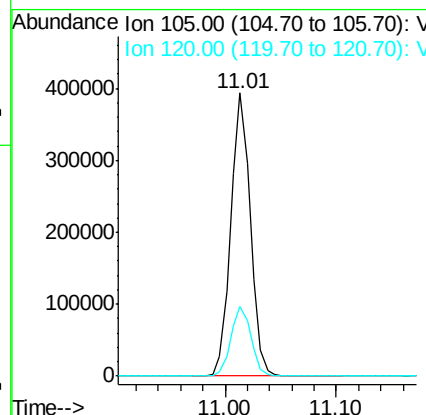
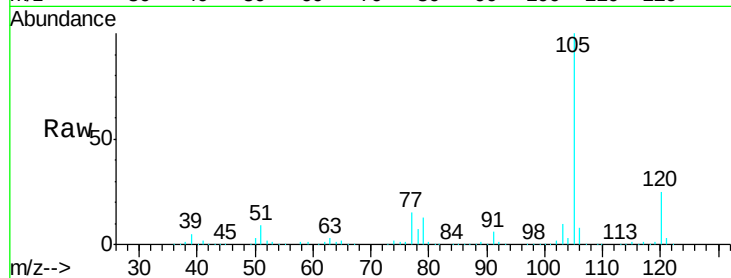




#73
Isopropylbenzene
Concen: 45.726 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

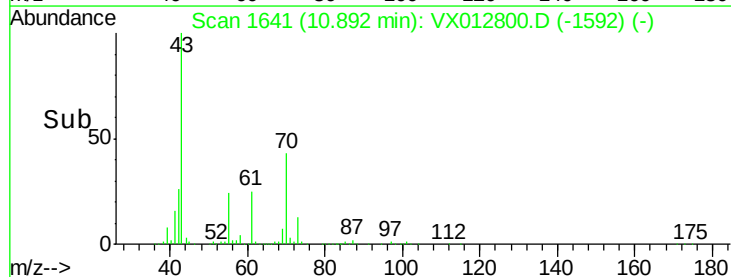
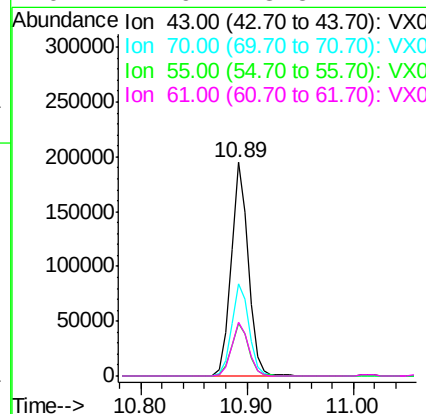
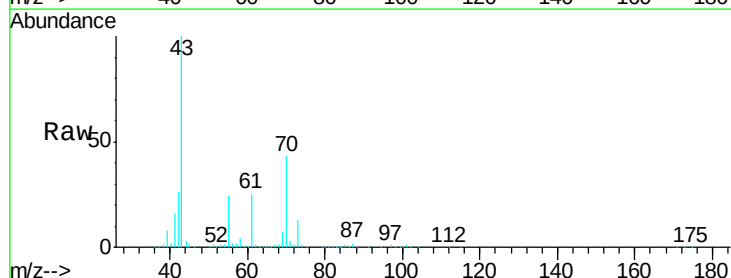
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

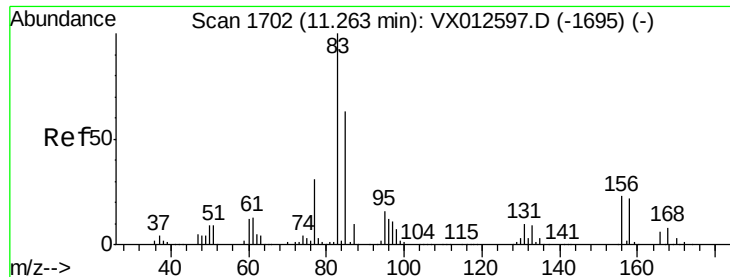
Tgt Ion: 105 Resp: 477548
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.7



#74
N-ethyl acetate
Concen: 44.036 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion: 43 Resp: 219404
Ion Ratio Lower Upper
43 100
70 43.9 32.4 48.6
55 25.0 18.2 27.4
61 24.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.317 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

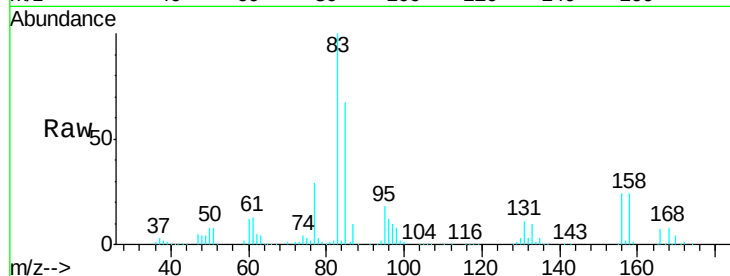
Tgt Ion: 83 Resp: 160202

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

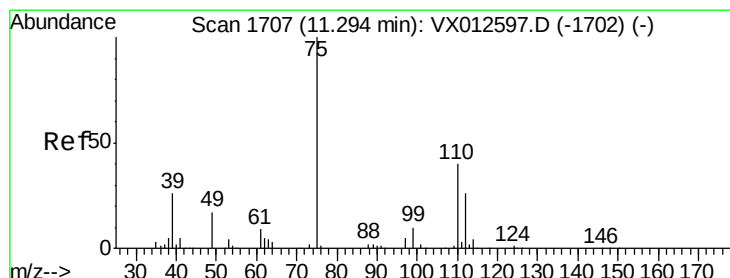
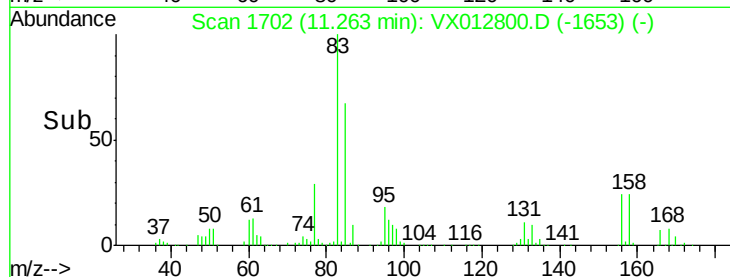
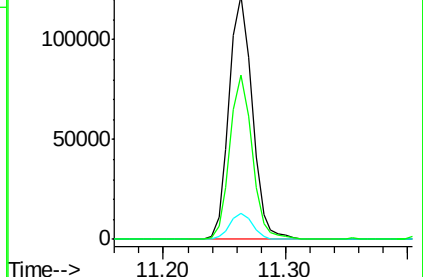
85 65.0 32.0 96.0



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: 52.878 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012800.D

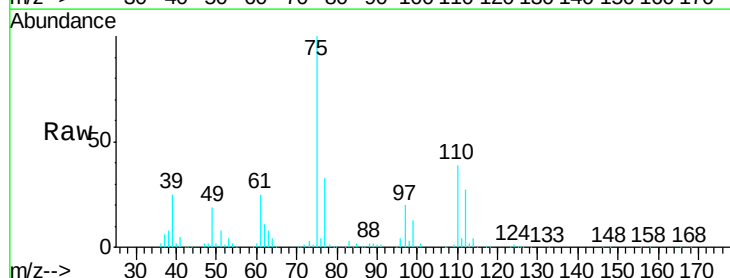
Acq: 03 Oct 2019 21:39

Tgt Ion: 75 Resp: 179358

Ion Ratio Lower Upper

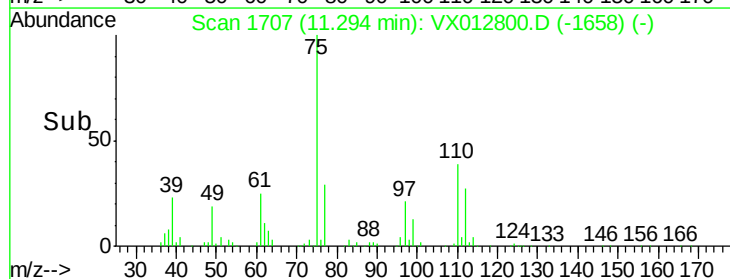
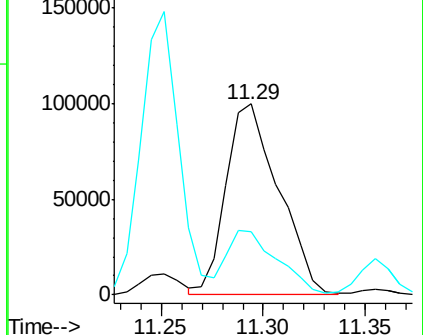
75 100

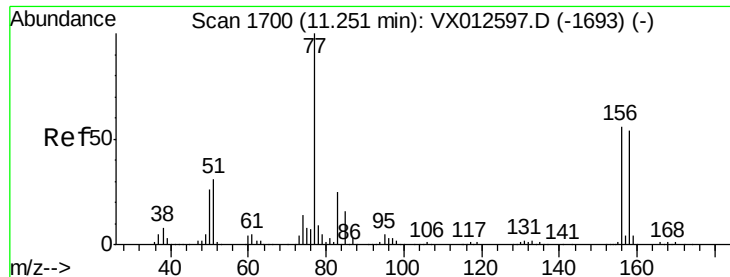
77 31.8 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.852 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

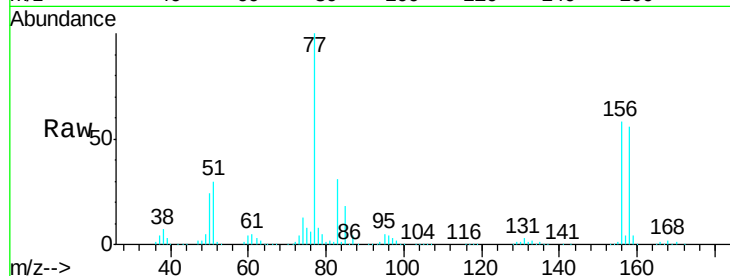
Tgt Ion:156 Resp: 108379

Ion Ratio Lower Upper

156 100

77 176.1 87.3 261.8

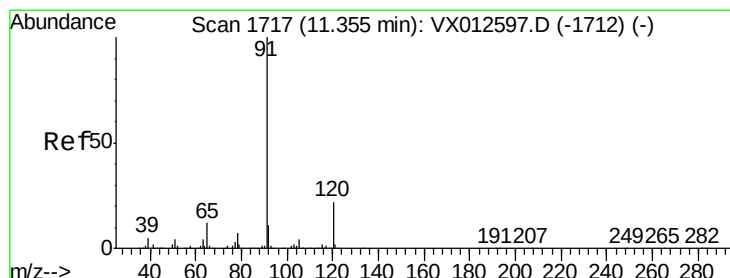
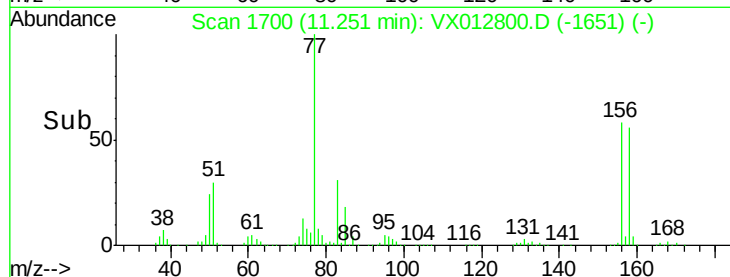
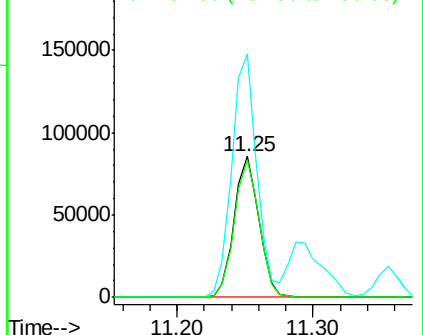
158 98.0 48.5 145.6



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: 45.010 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012800.D

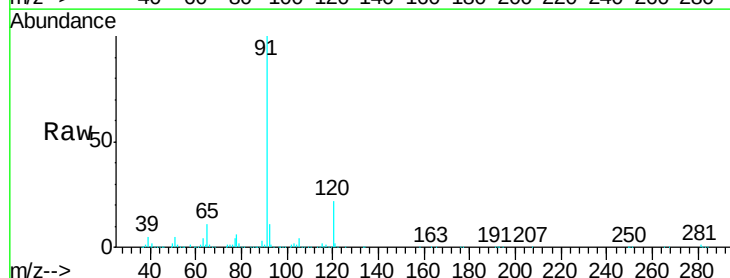
Acq: 03 Oct 2019 21:39

Tgt Ion: 91 Resp: 529213

Ion Ratio Lower Upper

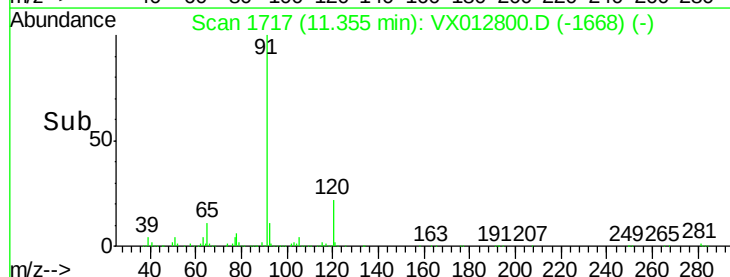
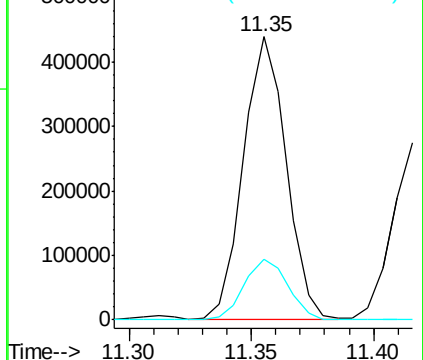
91 100

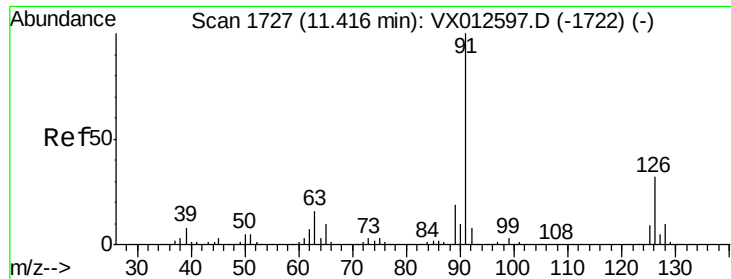
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

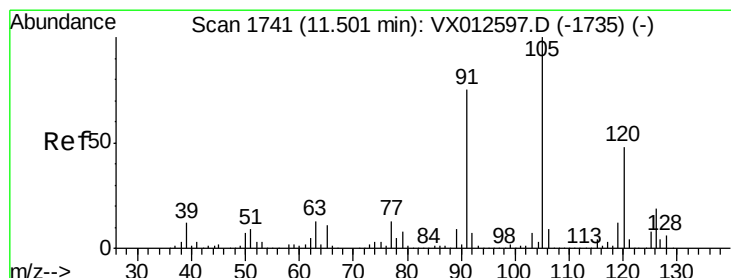
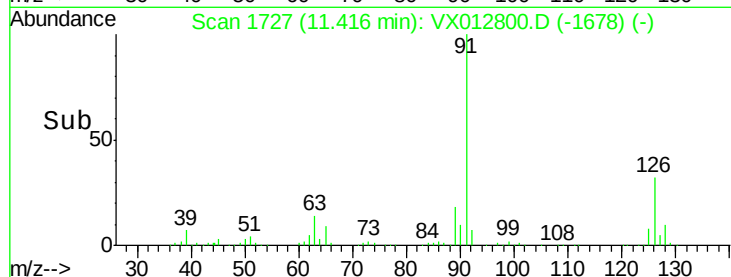
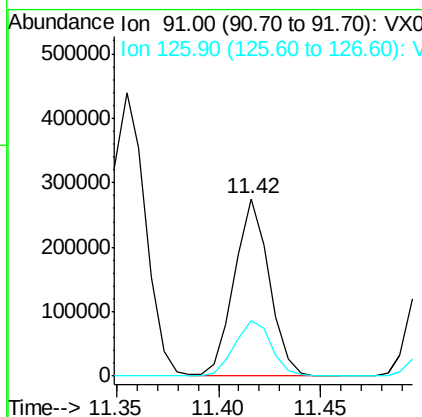
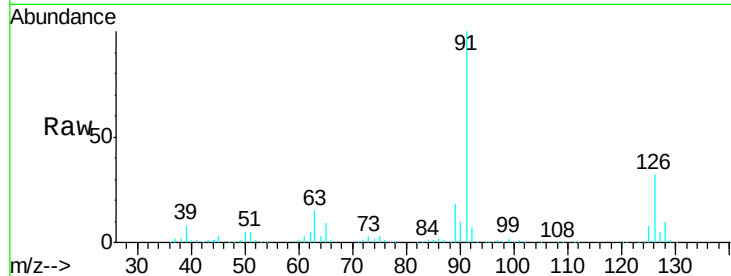




#79
 2-Chlorotoluene
 Concen: 44.391 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

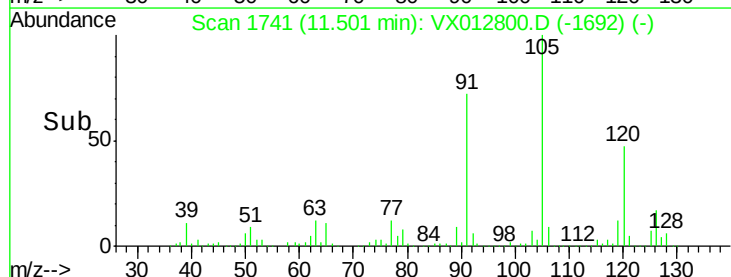
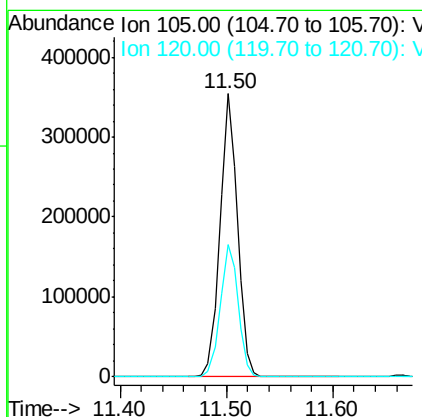
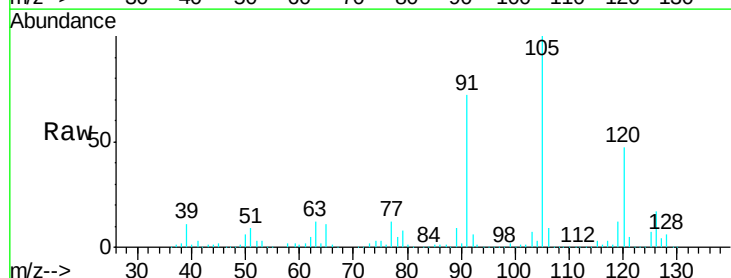
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

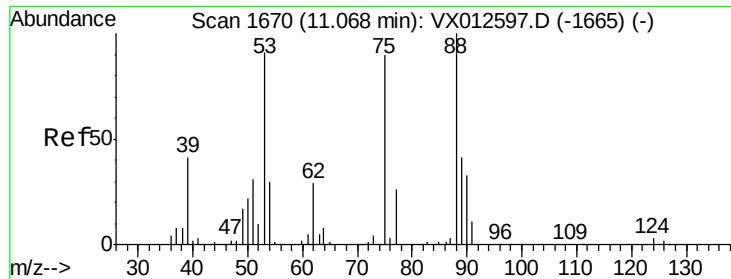
Tgt Ion: 91 Resp: 325592
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 46.153 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 105 Resp: 404205
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.410 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

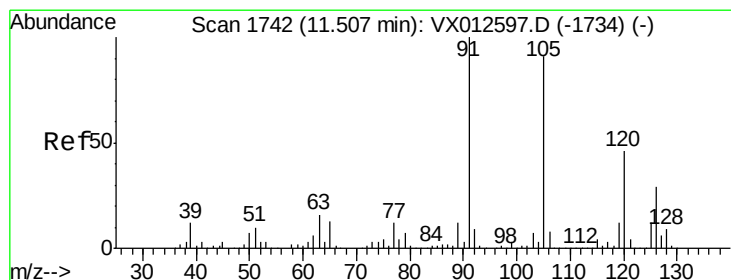
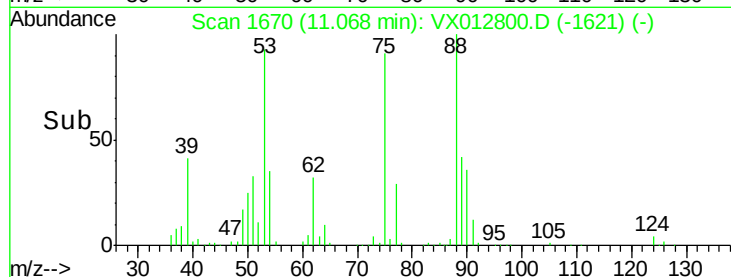
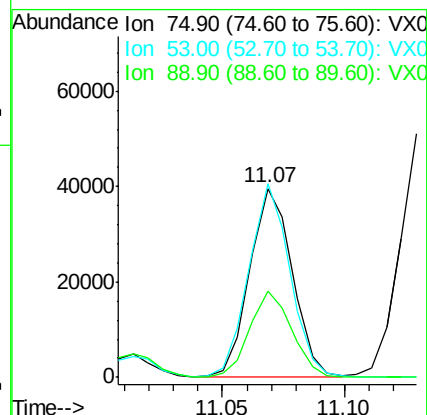
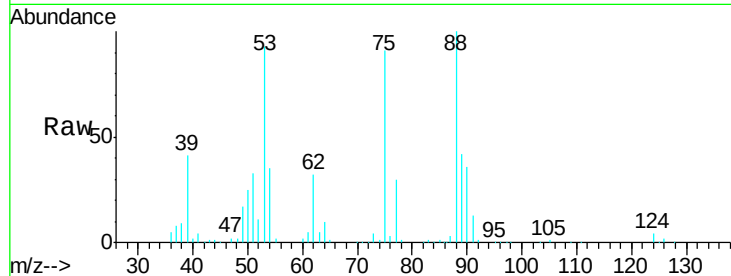
Tgt Ion: 75 Resp: 47829

Ion Ratio Lower Upper

75 100

53 99.9 83.6 125.4

89 45.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 45.576 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012800.D

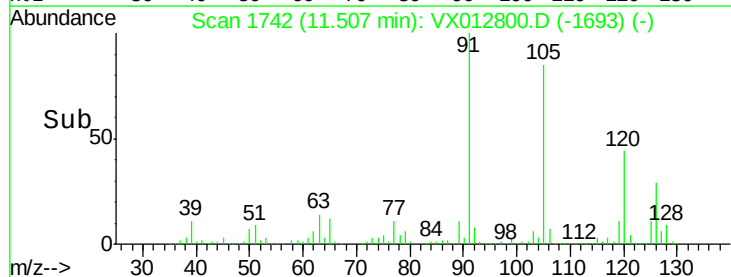
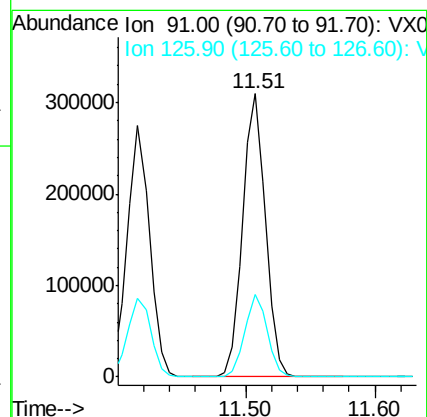
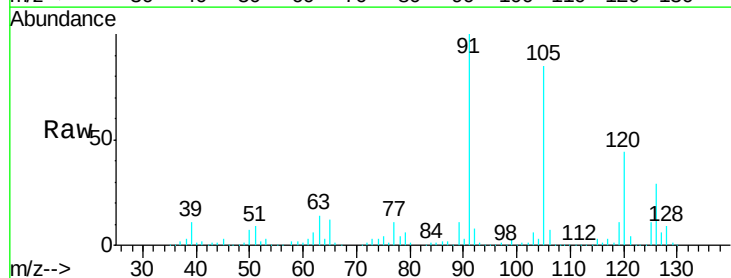
Acq: 03 Oct 2019 21:39

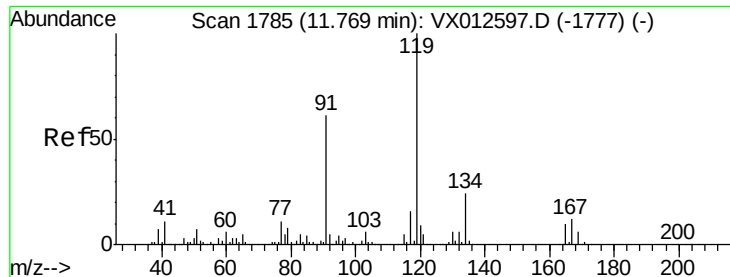
Tgt Ion: 91 Resp: 381073

Ion Ratio Lower Upper

91 100

126 28.4 14.4 43.0

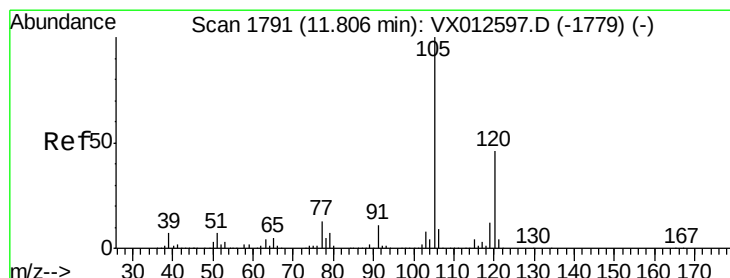
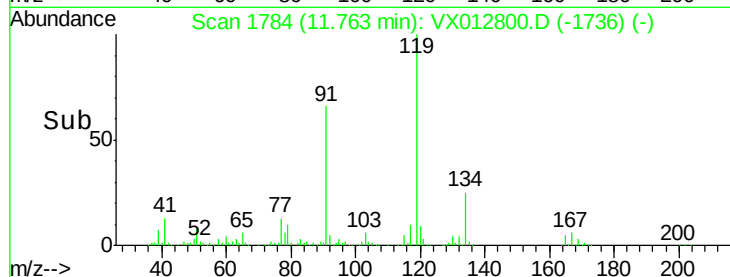
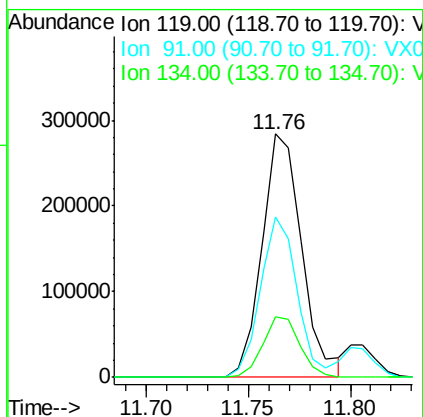
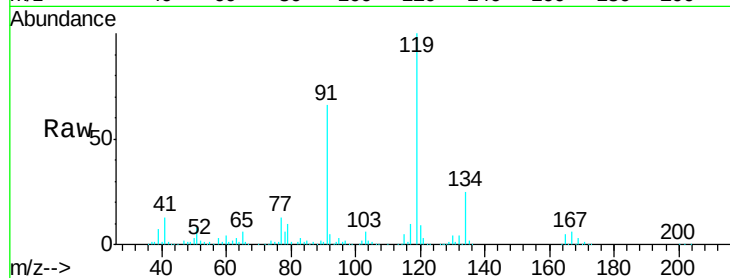




#83
 tert-Butylbenzene
 Concen: 45.711 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

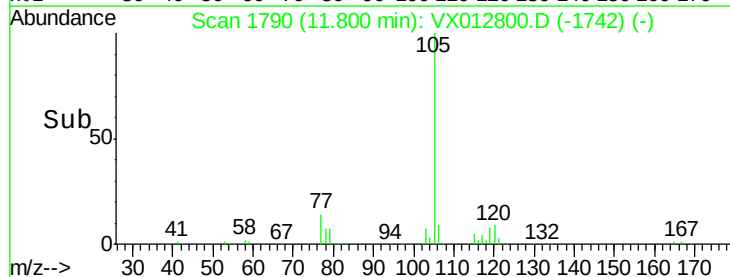
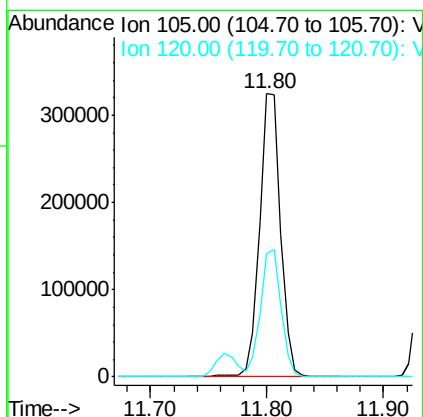
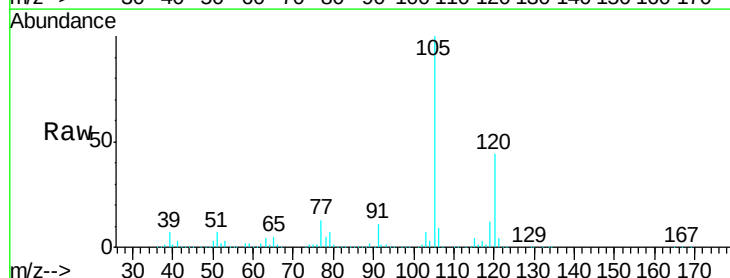
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

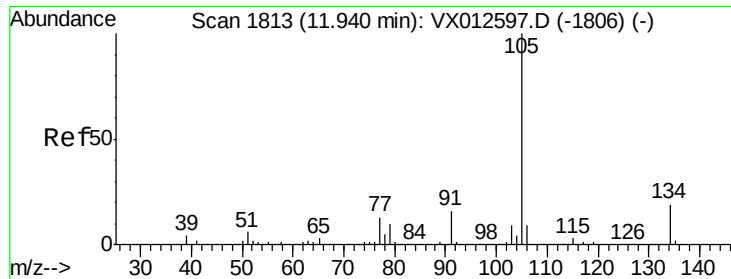
Tgt Ion:119 Resp: 386177
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.0 90.0
 134 23.3 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 46.239 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion:105 Resp: 408513
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.2 66.6

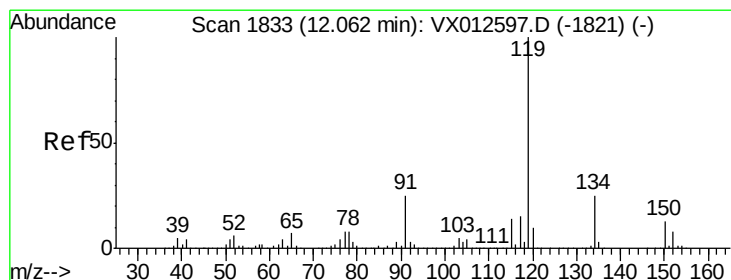
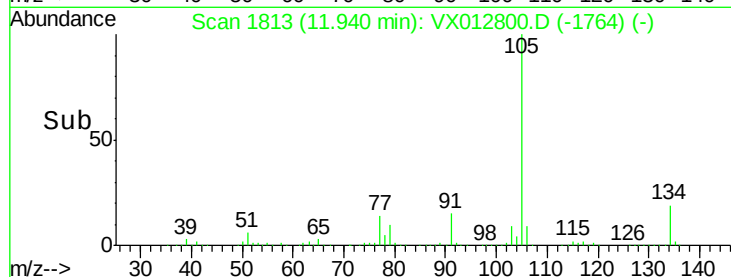
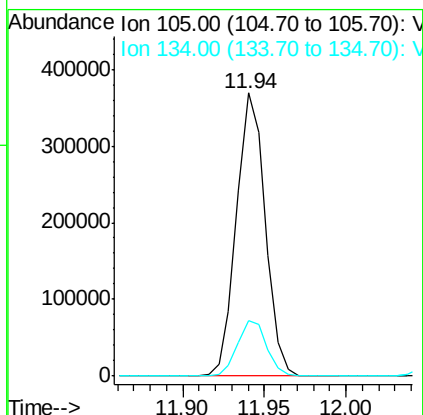
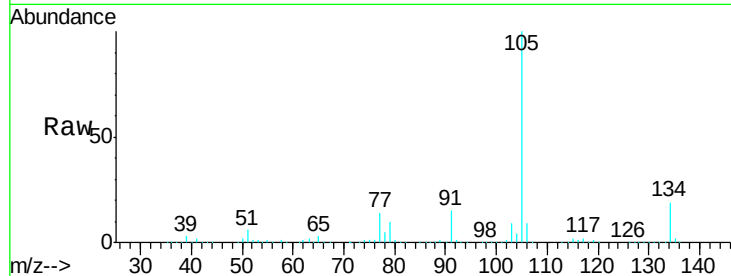




#85
 sec-Butylbenzene
 Concen: 46.223 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

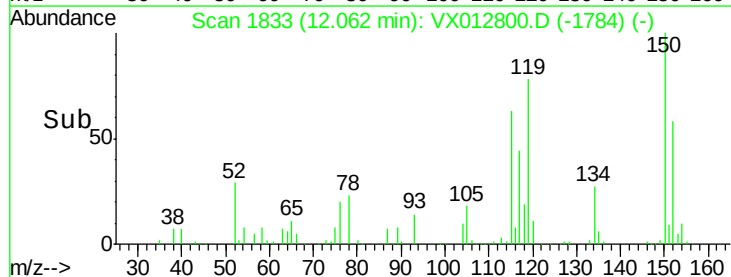
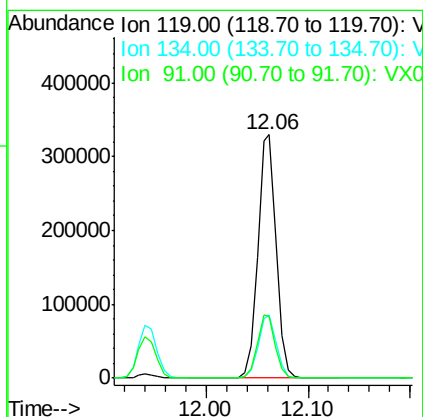
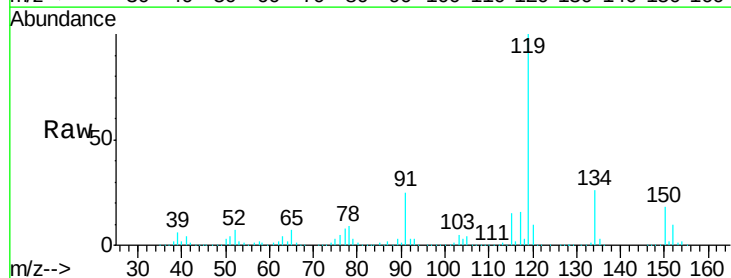
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

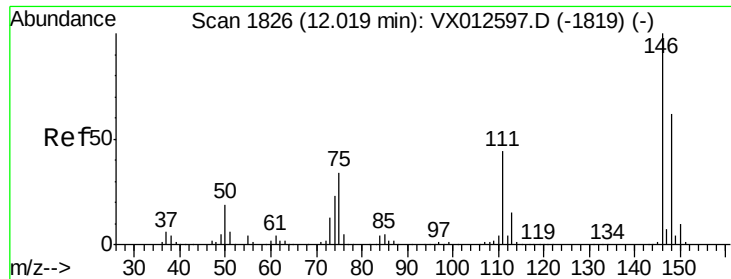
Tgt Ion:105 Resp: 454196
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 46.855 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion:119 Resp: 415431
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 25.4 12.8 38.4

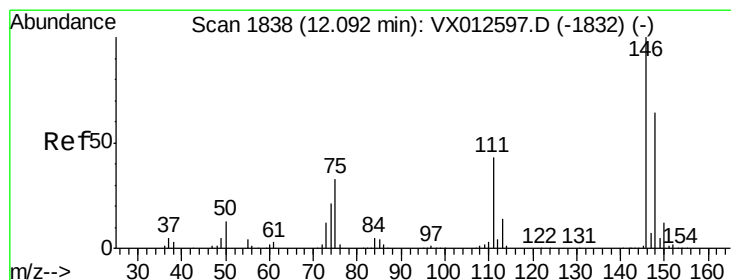
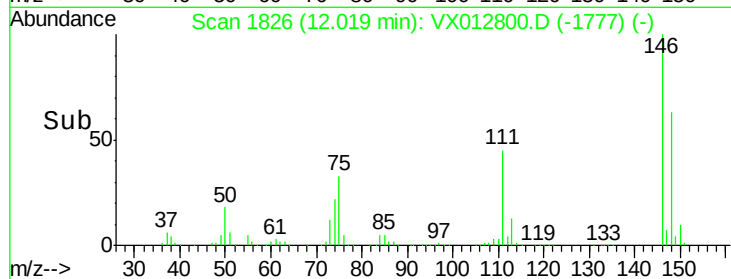
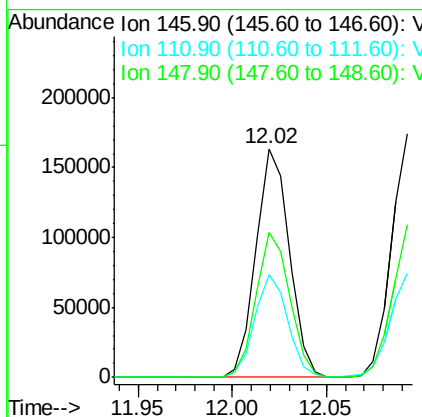
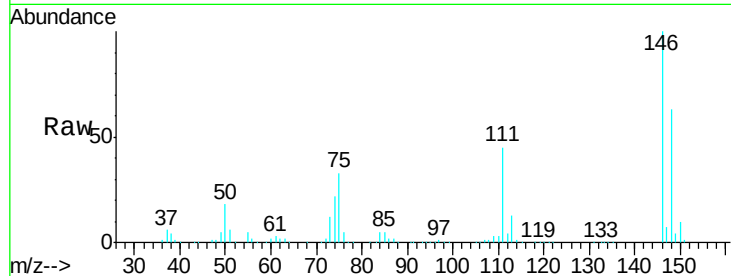




#87
 1,3-Dichlorobenzene
 Concen: 47.419 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

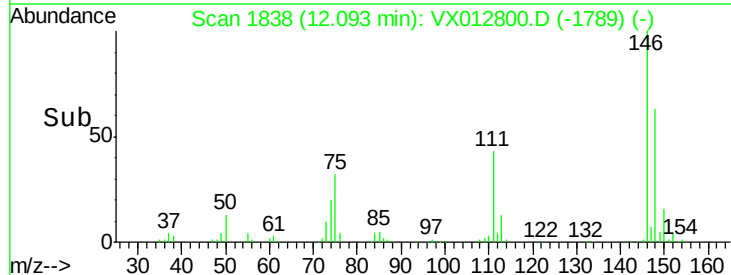
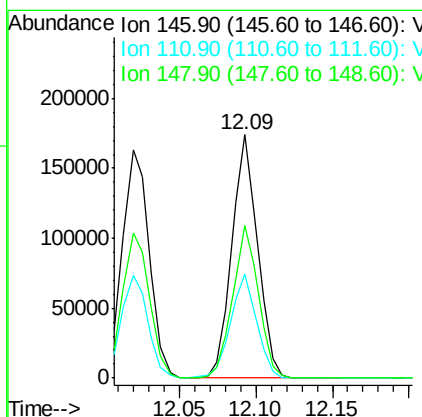
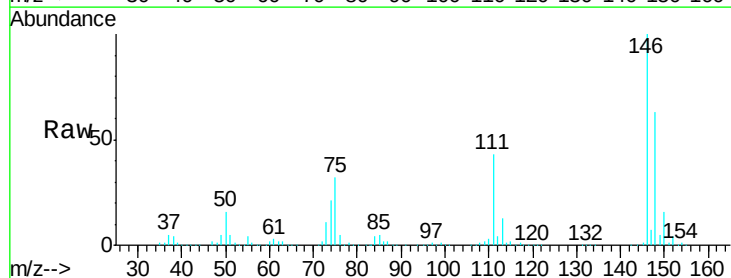
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

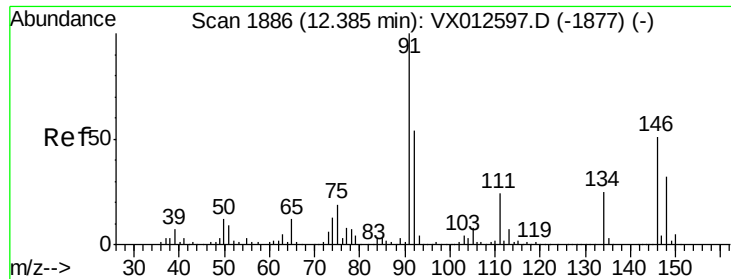
Tgt Ion:146 Resp: 201707
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.3 64.0
 148 63.8 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 47.173 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion:146 Resp: 202766
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.3
 148 62.7 32.1 96.5

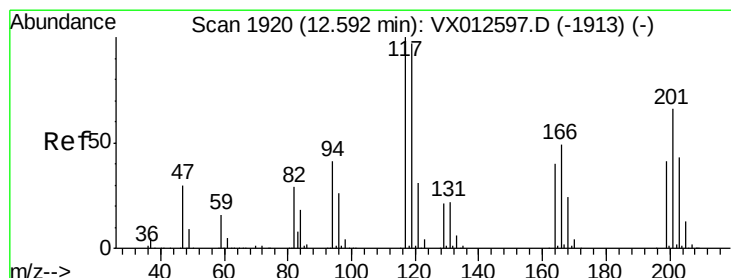
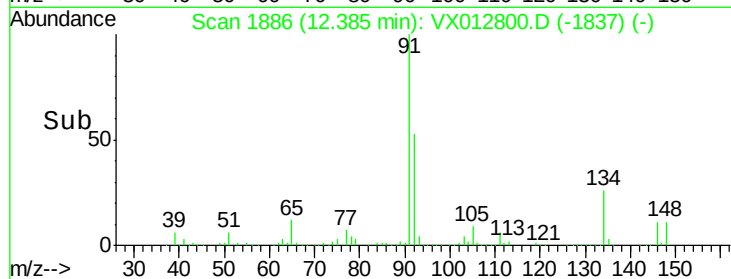
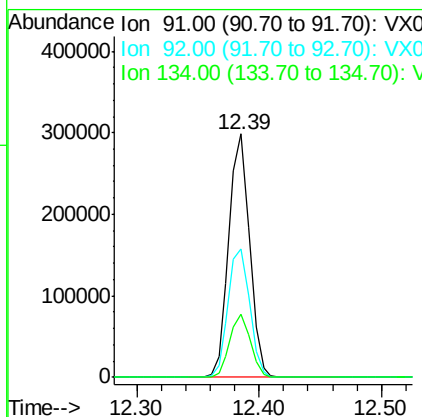
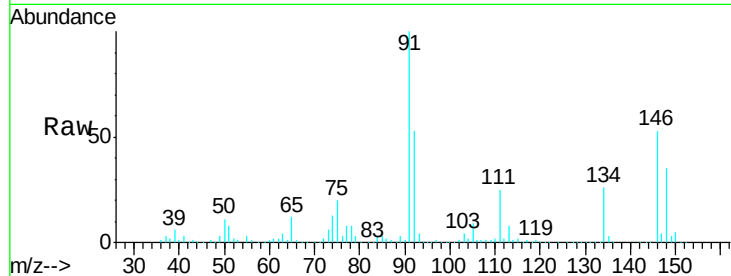




#89
 n-Butylbenzene
 Concen: 44.916 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

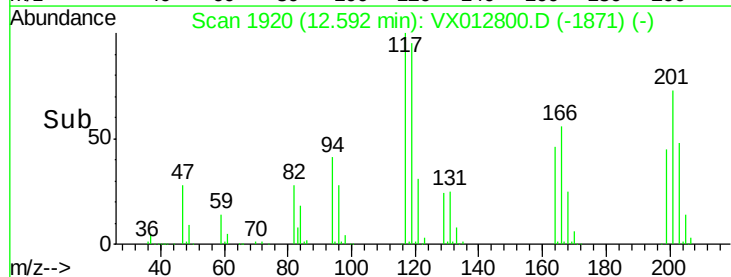
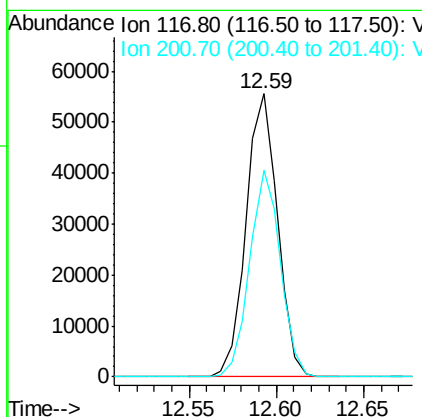
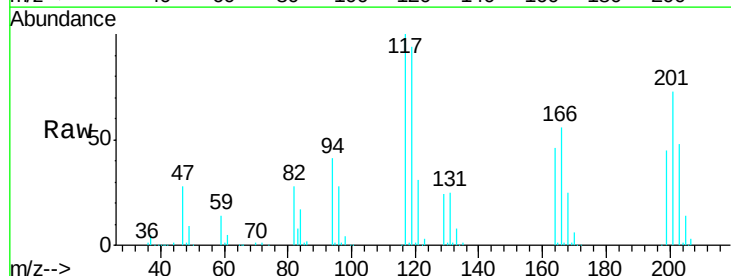
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

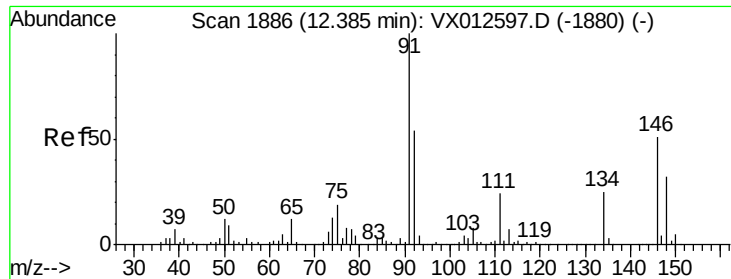
Tgt Ion: 91 Resp: 350922
 Ion Ratio Lower Upper
 91 100
 92 55.0 27.7 83.0
 134 25.7 12.9 38.6



#90
 Hexachloroethane
 Concen: 44.157 ug/l
 RT: 12.59 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 117 Resp: 69798
 Ion Ratio Lower Upper
 117 100
 201 71.7 33.3 99.8

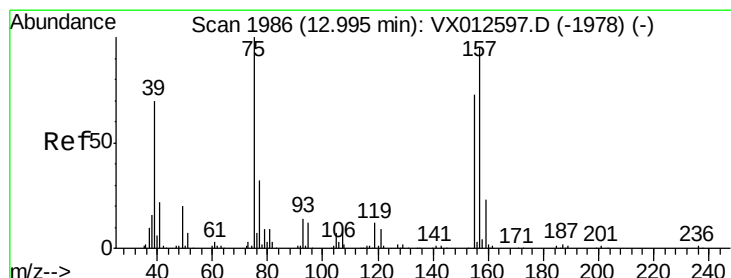
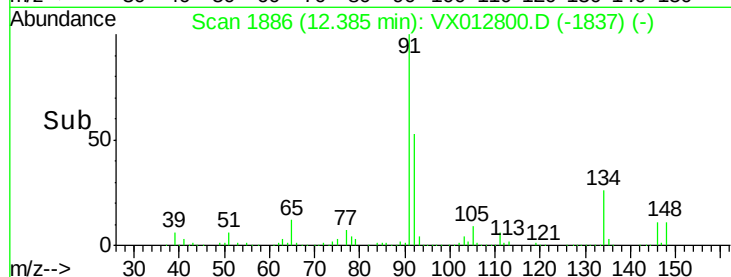
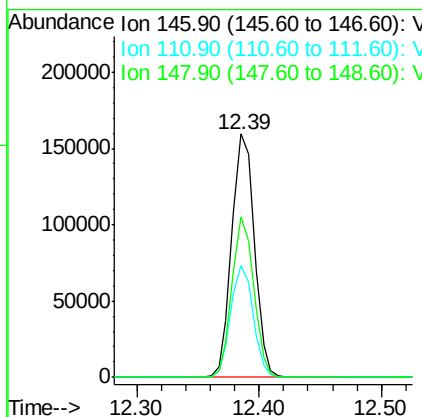
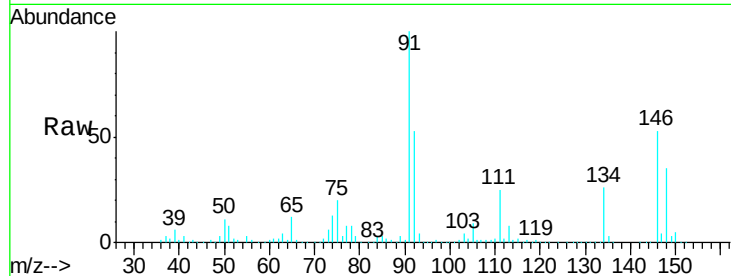




#91
 1,2-Dichlorobenzene
 Concen: 47.790 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

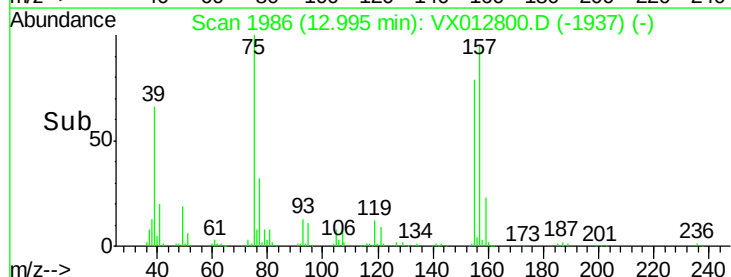
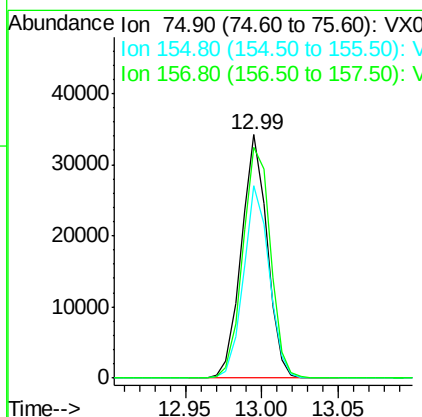
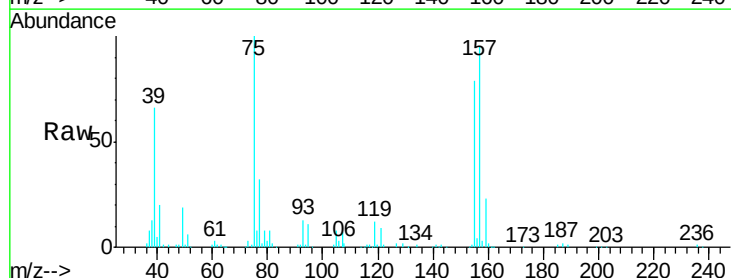
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

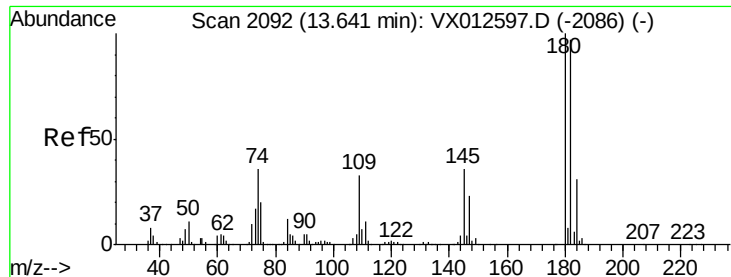
Tgt Ion: 146 Resp: 203521
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.1 66.1
 148 63.5 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.122 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 75 Resp: 39905
 Ion Ratio Lower Upper
 75 100
 155 78.5 38.6 115.8
 157 101.6 50.6 151.9

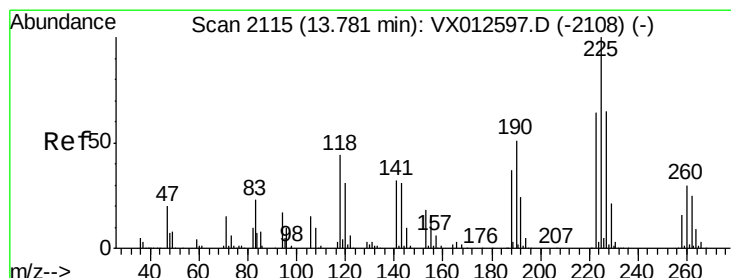
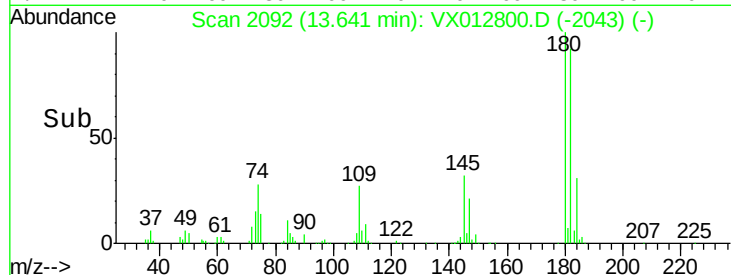
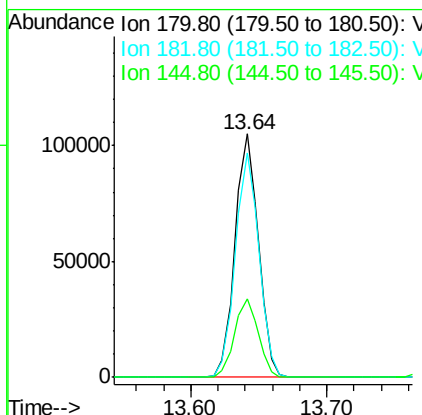
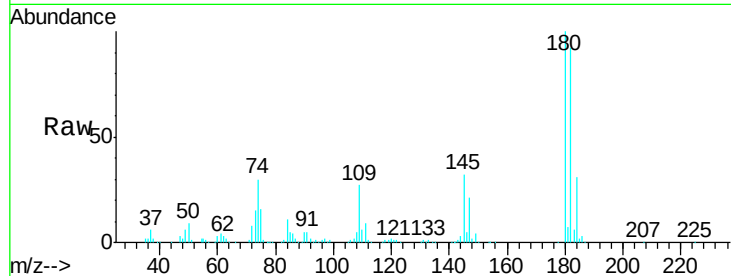




#93
 1,2,4-Trichlorobenzene
 Concen: 48.498 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

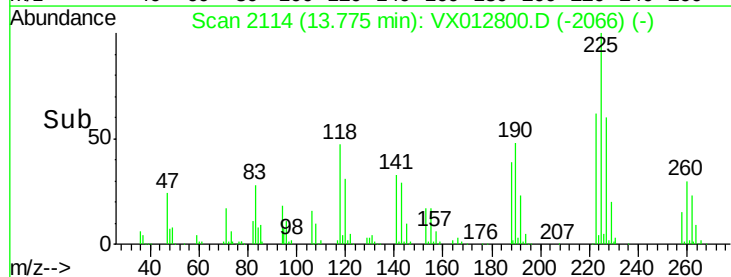
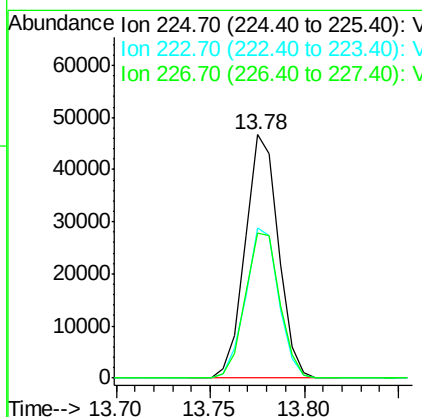
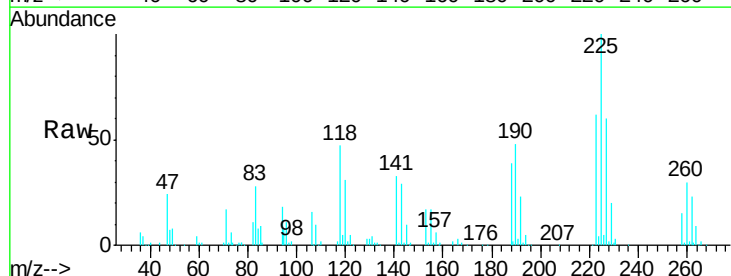
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

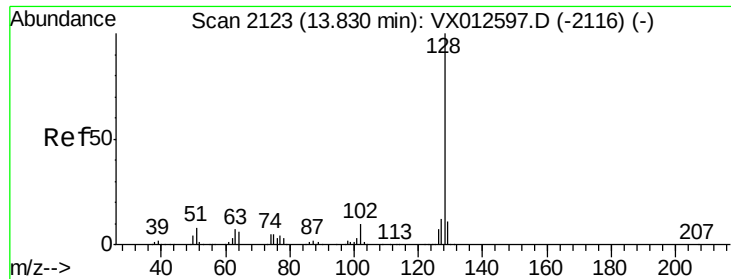
Tgt Ion:180 Resp: 125954
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.0 141.0
 145 32.9 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 51.117 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion:225 Resp: 57112
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.0 96.2
 227 61.7 31.9 95.5





#95

Naphthalene

Concen: 47.697 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

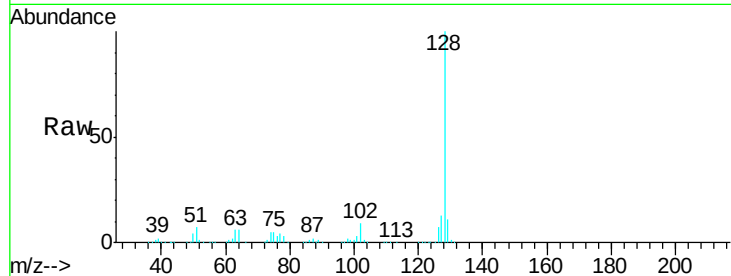
Tgt Ion:128 Resp: 448185

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

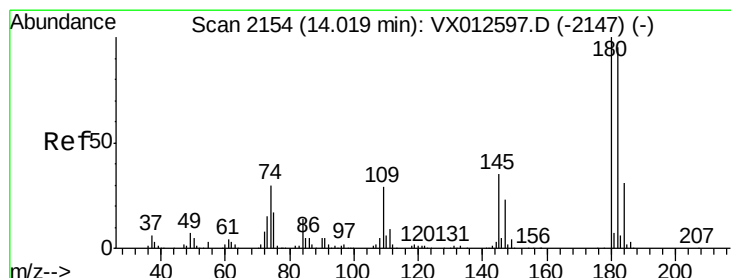
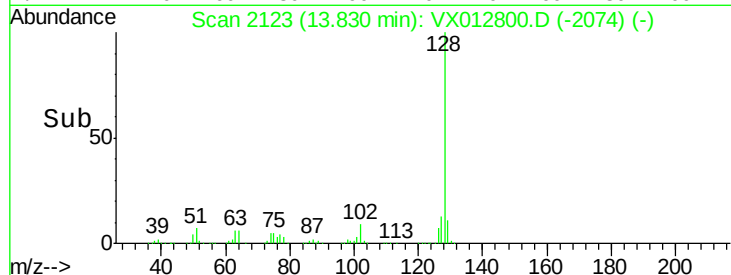
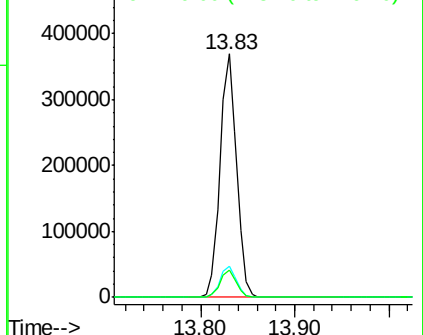
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.863 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

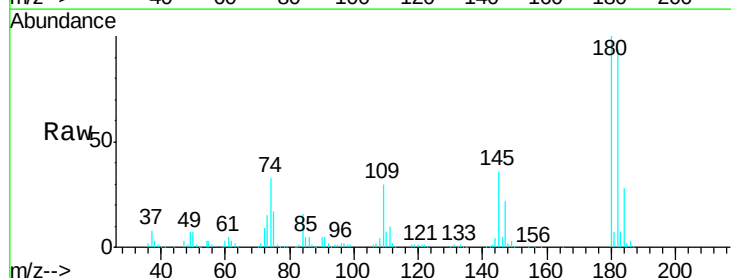
Tgt Ion:180 Resp: 127121

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 36.1 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

