

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010603.D
 Acq On : 01 Jul 2019 20:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 02 04:56:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130110	59.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.70%	
35) Dibromofluoromethane	5.50	113	126033	58.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.80%	
50) Toluene-d8	8.71	98	465682	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	
62) 4-Bromofluorobenzene	11.13	95	170559	57.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	72346	44.882	ug/l	100
3) Chloromethane	1.32	50	79765	42.496	ug/l	99
4) Vinyl Chloride	1.41	62	91807	44.656	ug/l	98
5) Bromomethane	1.64	94	46672	46.598	ug/l	99
6) Chloroethane	1.71	64	59528	49.078	ug/l	95
7) Trichlorofluoromethane	1.93	101	165809	50.876	ug/l	98
8) Diethyl Ether	2.19	74	59564	50.964	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	94781	47.990	ug/l	99
10) Methyl Iodide	2.51	142	130237	46.206	ug/l	98
11) Tert butyl alcohol	3.05	59	124994	219.736	ug/l	98
12) 1,1-Dichloroethene	2.37	96	95923	47.730	ug/l	99
13) Acrolein	2.29	56	101463	268.882	ug/l	100
14) Allyl chloride	2.73	41	141329	49.534	ug/l	99
15) Acrylonitrile	3.14	53	291382	258.723	ug/l	99
16) Acetone	2.45	43	228708	209.923	ug/l	98
17) Carbon Disulfide	2.57	76	217584	40.355	ug/l	99
18) Methyl Acetate	2.78	43	116946	53.857	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	325159	51.431	ug/l	100
20) Methylene Chloride	2.85	84	110668	49.359	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	103095	47.697	ug/l	99
22) Diisopropyl ether	3.85	45	308302	51.682	ug/l	97
23) Vinyl Acetate	3.81	43	1336752	259.392	ug/l	99
24) 1,1-Dichloroethane	3.70	63	175639	50.937	ug/l	100
25) 2-Butanone	4.67	43	390657	244.445	ug/l	99
26) 2,2-Dichloropropane	4.59	77	128398	42.865	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	122185	48.919	ug/l	98
28) Bromochloromethane	5.02	49	78626	47.692	ug/l	95
29) Tetrahydrofuran	5.13	42	252479	255.055	ug/l	99
30) Chloroform	5.21	83	188377	50.775	ug/l	98
31) Cyclohexane	5.58	56	147708	47.040	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	163976	50.054	ug/l	100
36) 1,1-Dichloropropene	5.80	75	131500	46.916	ug/l	100
37) Ethyl Acetate	4.83	43	146939	50.959	ug/l	99
38) Carbon Tetrachloride	5.78	117	144303	47.544	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	166157	45.099	ug/l	97
40) Benzene	6.14	78	421367	48.254	ug/l	98
41) Methacrylonitrile	5.04	41	79929	50.520	ug/l	99
42) 1,2-Dichloroethane	6.19	62	139472	52.470	ug/l	99
43) Isopropyl Acetate	6.45	43	241997	50.726	ug/l	99
44) Trichloroethene	7.21	130	124759	47.747	ug/l	97
45) 1,2-Dichloropropane	7.51	63	108017	48.984	ug/l	96
46) Dibromomethane	7.66	93	78142	49.390	ug/l	98
47) Bromodichloromethane	7.90	83	144723	49.913	ug/l	98
48) Methyl methacrylate	7.77	41	115656	52.156	ug/l	100
49) 1,4-Dioxane	7.74	88	60251	943.191	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	796932	261.191	ug/l	98
52) Toluene	8.78	92	279294	48.568	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	156614	48.178	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	169808	48.069	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	119265	50.288	ug/l	99
56) Ethyl methacrylate	9.18	69	184236	51.280	ug/l	97
57) 1,3-Dichloropropane	9.37	76	186458	50.647	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	409522	240.008	ug/l	100
59) 2-Hexanone	9.49	43	609107	253.650	ug/l	97
60) Dibromochloromethane	9.58	129	131288	49.441	ug/l	99
61) 1,2-Dibromoethane	9.67	107	126854	49.554	ug/l	99
64) Tetrachloroethene	9.34	164	117738	45.517	ug/l	98
65) Chlorobenzene	10.13	112	316071	48.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	119849	50.677	ug/l	100
67) Ethyl Benzene	10.25	91	542806	49.522	ug/l	100
68) m/p-Xylenes	10.36	106	417043	98.195	ug/l	100
69) o-Xylene	10.69	106	205021	49.088	ug/l	98
70) Styrene	10.71	104	356666	50.920	ug/l	99
71) Bromoform	10.85	173	99786	48.519	ug/l	98
73) Isopropylbenzene	11.02	105	547607	49.160	ug/l	99
74) N-amyl acetate	10.90	43	216832	51.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	183199	49.660	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	203962	68.113	ug/l	80
77) Bromobenzene	11.26	156	150909	48.517	ug/l	98
78) n-propylbenzene	11.36	91	614966	50.232	ug/l	99
79) 2-Chlorotoluene	11.42	91	360457	49.445	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	458354	49.913	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55730	43.418	ug/l	94
82) 4-Chlorotoluene	11.51	91	414815	50.005	ug/l	100
83) tert-Butylbenzene	11.77	119	460648	49.979	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	462327	50.111	ug/l	99
85) sec-Butylbenzene	11.94	105	535819	49.513	ug/l	100
86) p-Isopropyltoluene	12.06	119	490497	49.001	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	260966	48.065	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	260231	47.080	ug/l	99
89) n-Butylbenzene	12.38	91	416571	48.974	ug/l	99
90) Hexachloroethane	12.60	117	82469	47.647	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	260211	48.222	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38034	47.819	ug/l	93

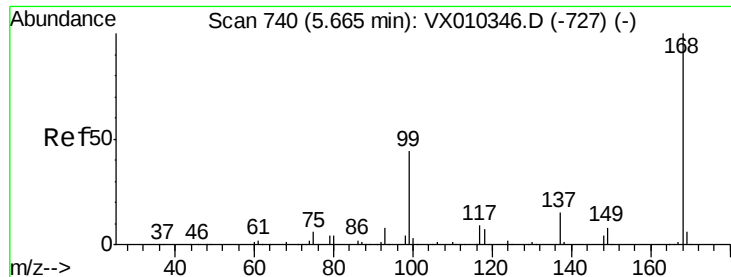
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181562	48.518	ug/l	99
94) Hexachlorobutadiene	13.78	225	86815	47.468	ug/l	100
95) Naphthalene	13.83	128	562459	48.910	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	183171	49.231	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

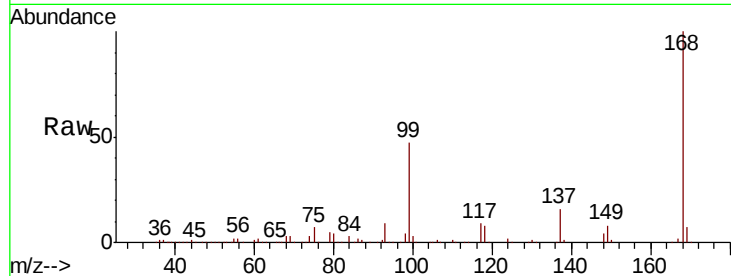
VSTDCCC050EC

Tot Ion:168 Resp: 231857

Ion Ratio Lower Upper

168 100

99 47.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

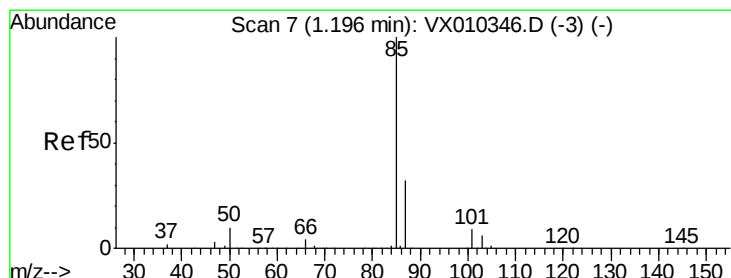
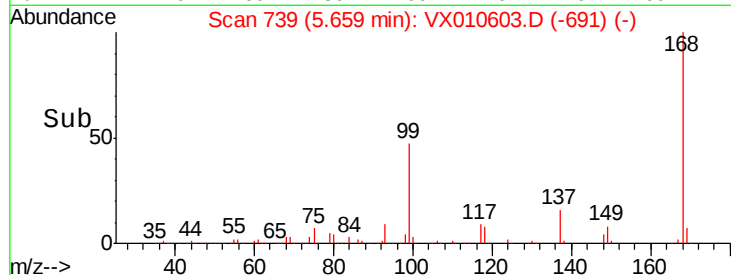
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.882 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010603.D

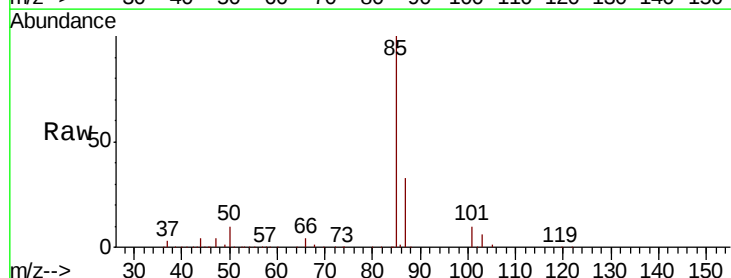
Acq: 01 Jul 2019 20:01

Tgt Ion: 85 Resp: 72346

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

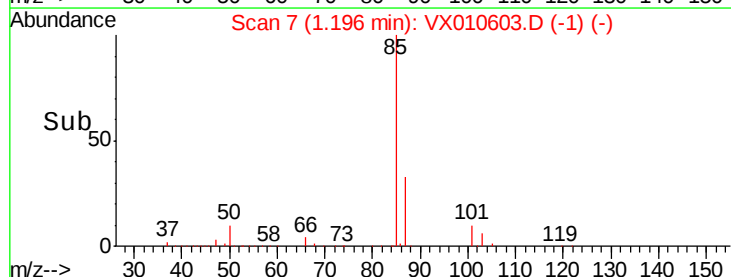
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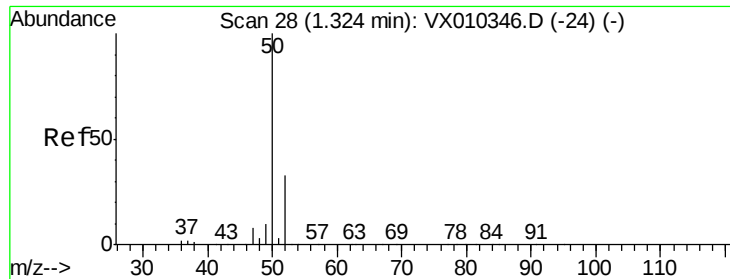
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 42.496 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

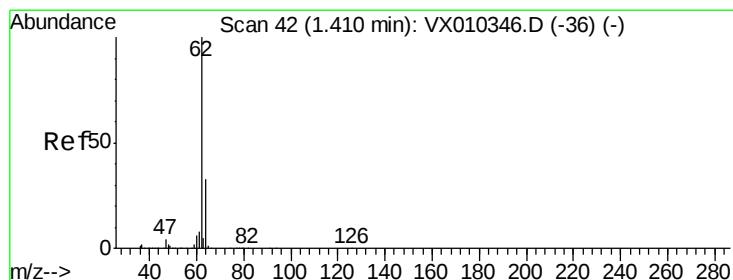
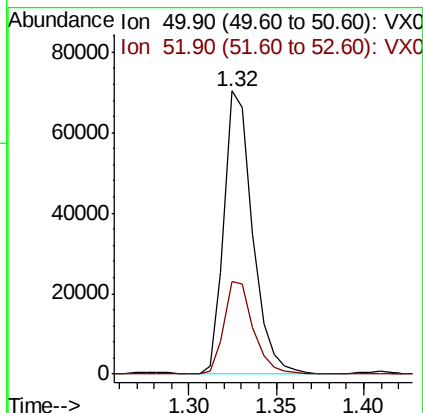
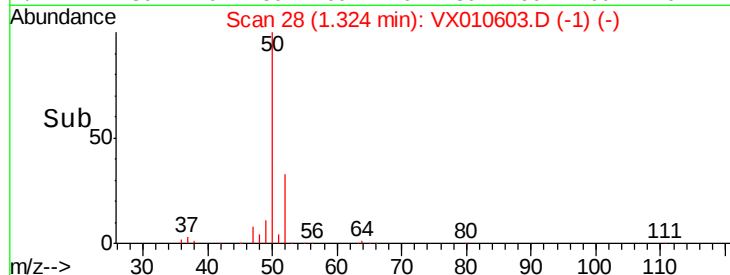
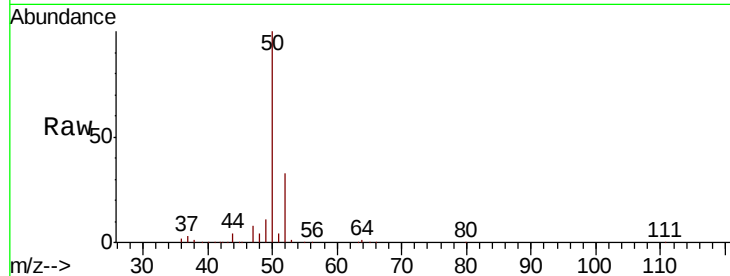
VSTDCCC050EC

Tot Ion: 50 Resp: 79765

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 44.656 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010603.D

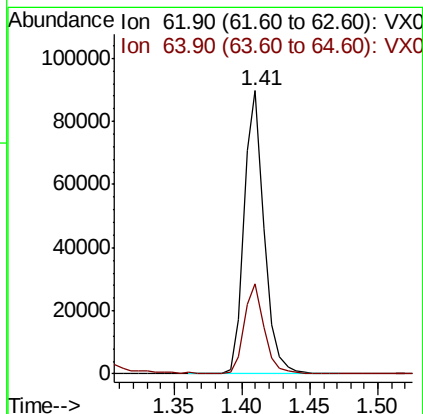
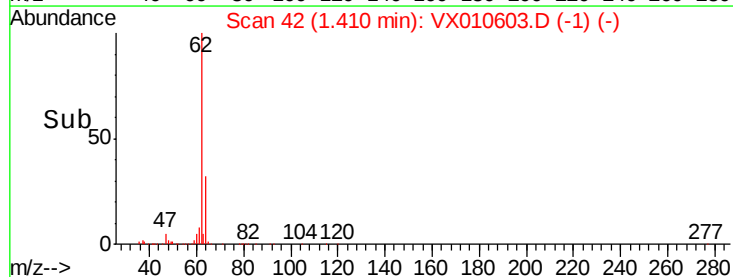
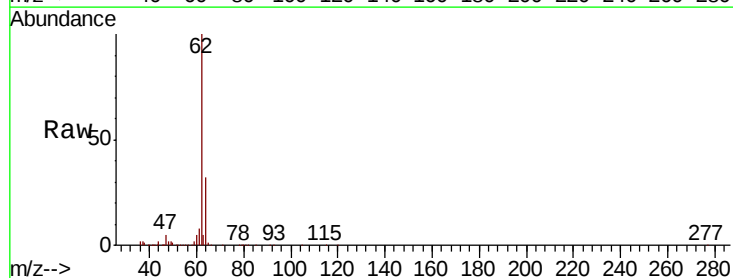
Acq: 01 Jul 2019 20:01

Tgt Ion: 62 Resp: 91807

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.4





#5

Bromomethane

Concen: 46.598 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

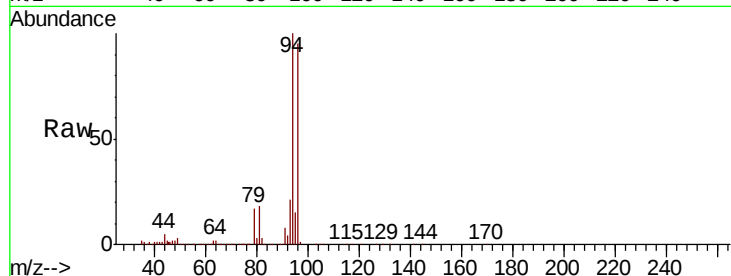
VSTDCCC050EC

Tot Ion: 94 Resp: 46672

Ion Ratio Lower Upper

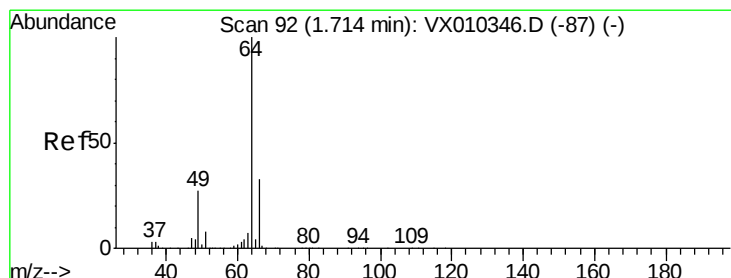
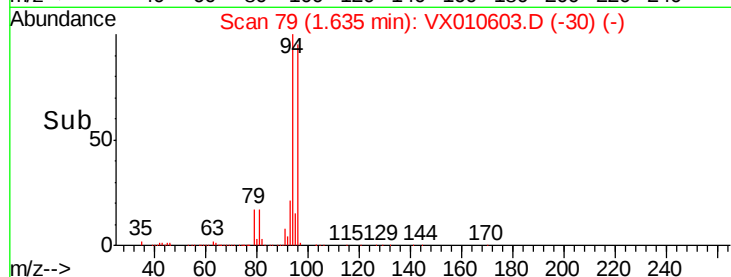
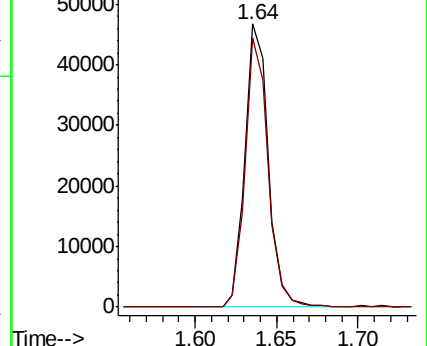
94 100

96 95.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.078 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010603.D

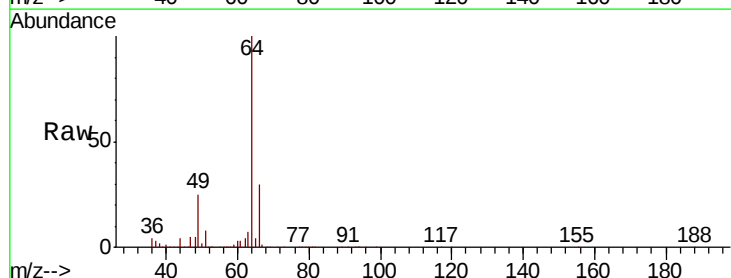
Acq: 01 Jul 2019 20:01

Tgt Ion: 64 Resp: 59528

Ion Ratio Lower Upper

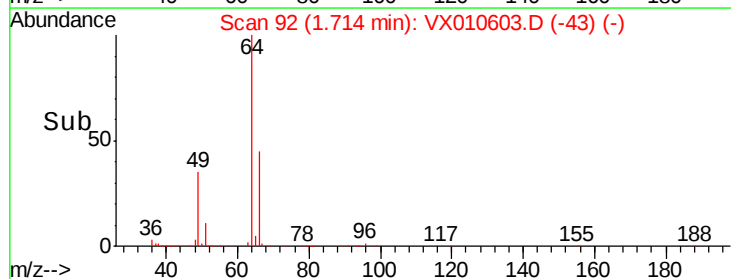
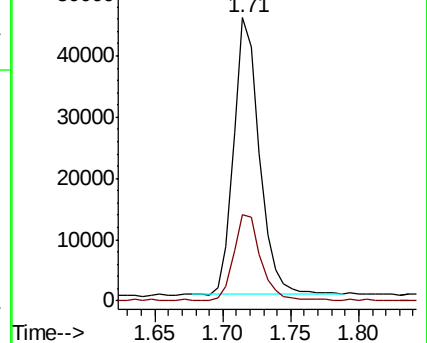
64 100

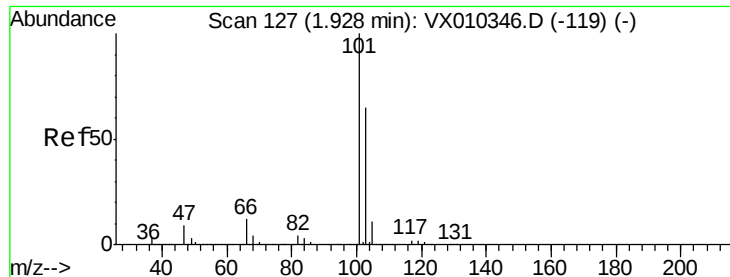
66 30.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



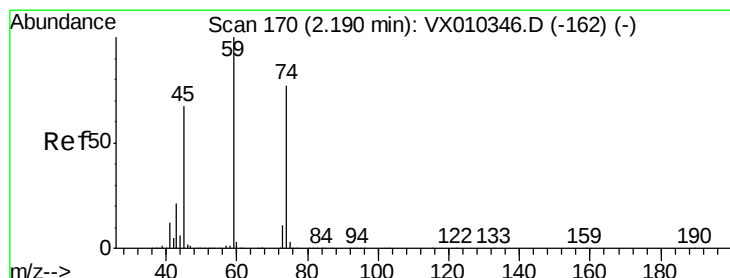
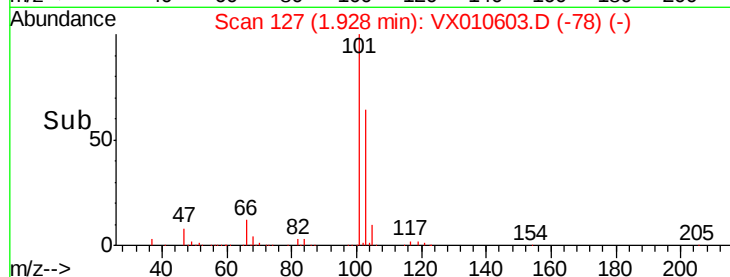
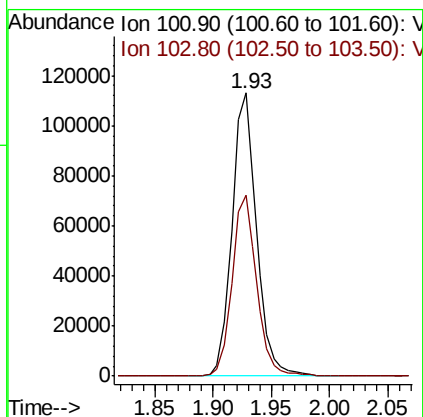
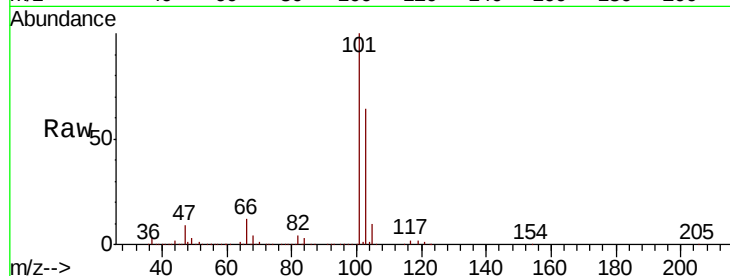


#7

Trichlorofluoromethane
 Concen: 50.876 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

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 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

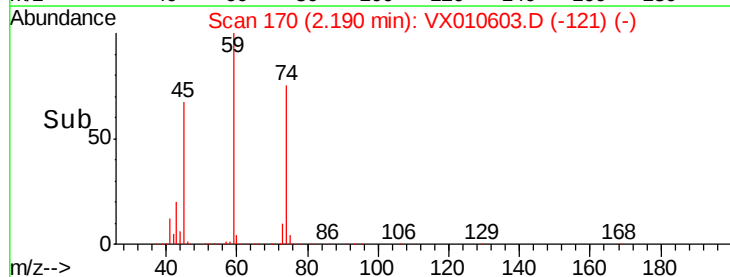
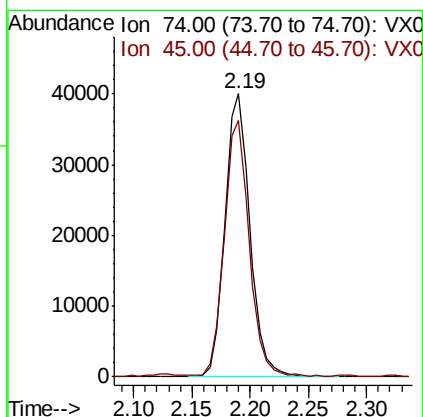
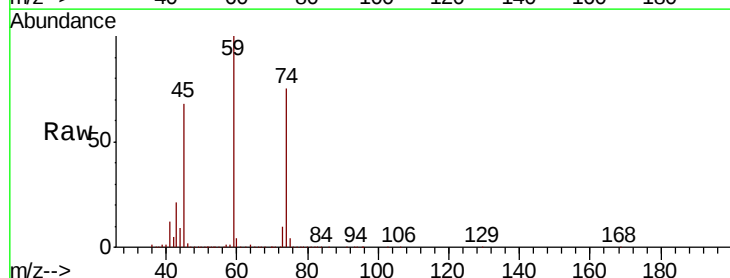
Tot Ion:101 Resp: 165809
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5



#8

Diethyl Ether
 Concen: 50.964 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion: 74 Resp: 59564
 Ion Ratio Lower Upper
 74 100
 45 89.5 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.990 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

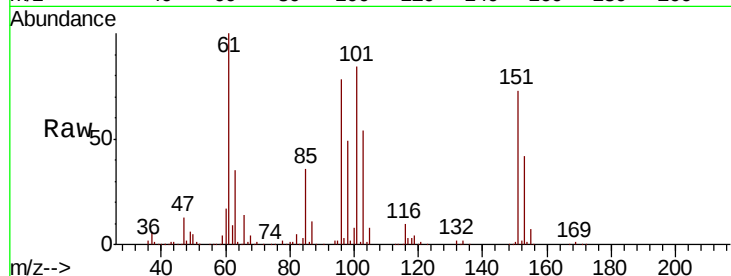
Tot Ion:101 Resp: 94781

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

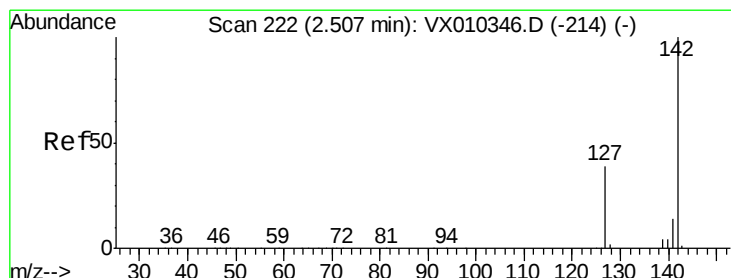
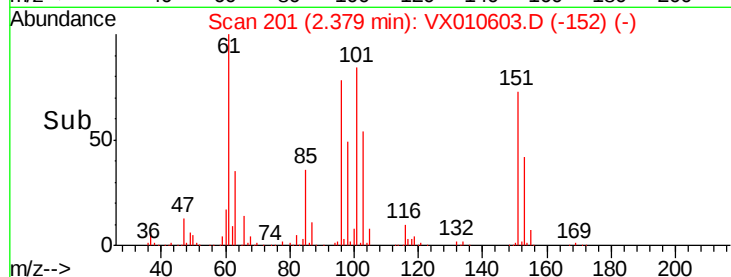
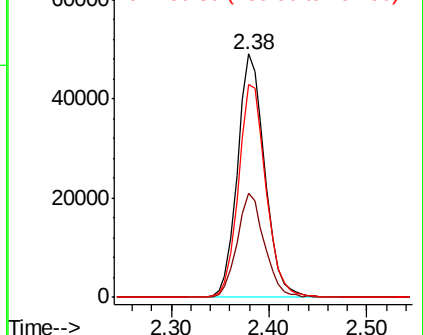
151 87.9 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.206 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

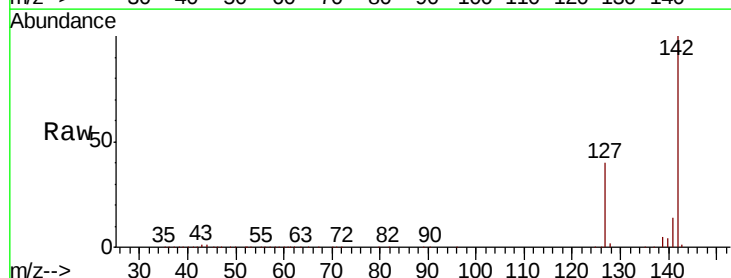
Tgt Ion:142 Resp: 130237

Ion Ratio Lower Upper

142 100

127 40.5 31.1 46.7

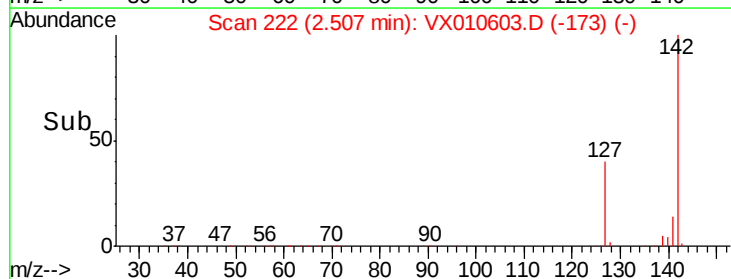
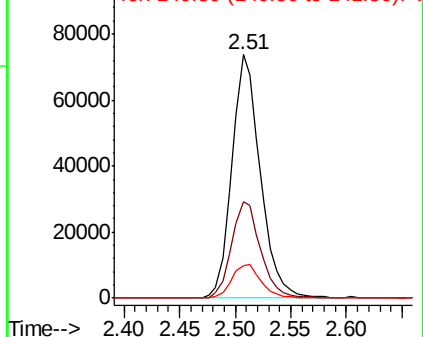
141 14.5 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

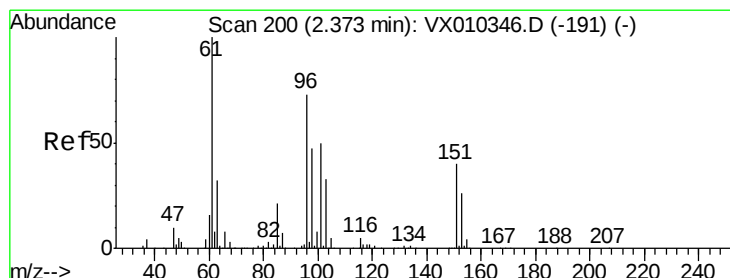
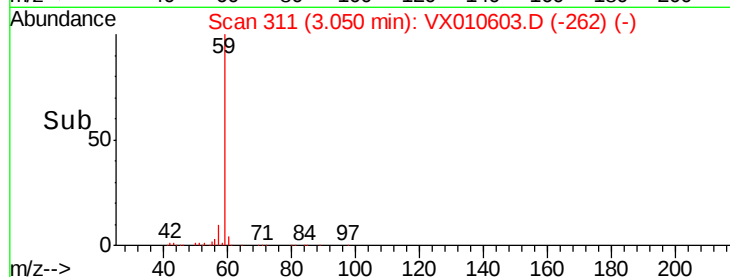
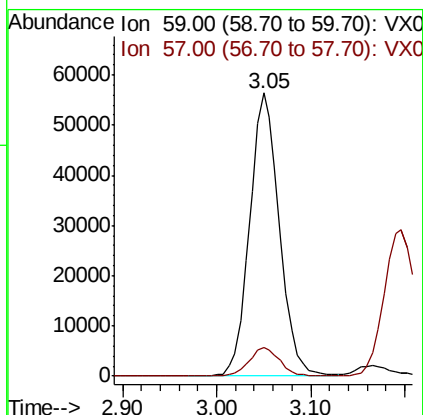
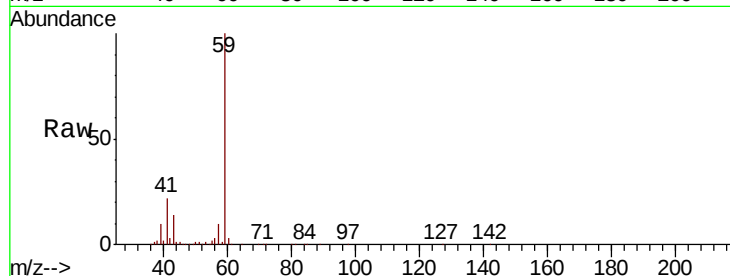




#11
Tert butyl alcohol
Concen: 219.736 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

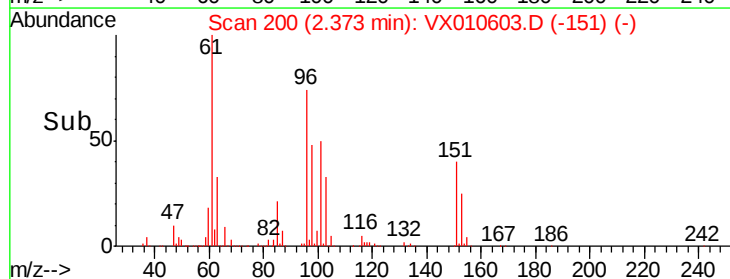
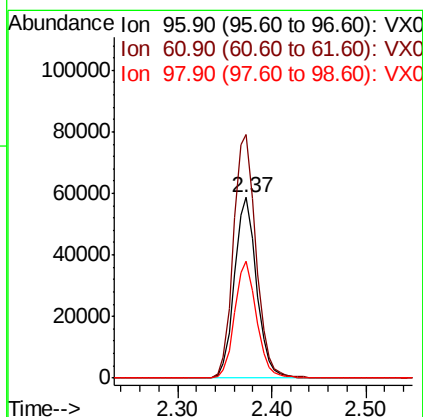
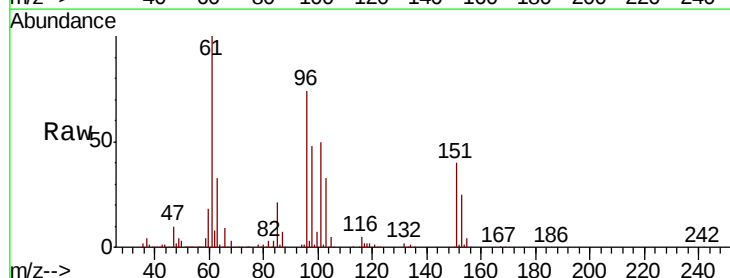
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

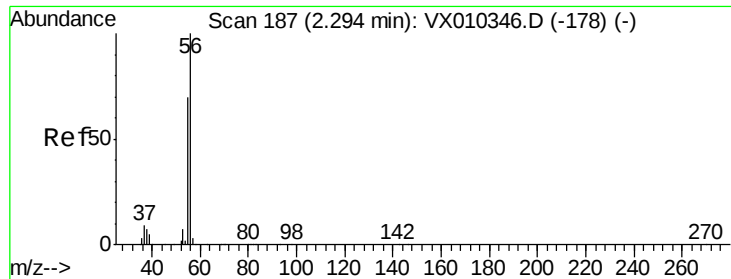
Tot Ion: 59 Resp: 124994
Ion Ratio Lower Upper
59 100
57 10.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 47.730 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 96 Resp: 95923
Ion Ratio Lower Upper
96 100
61 135.0 109.2 163.8
98 64.7 51.1 76.7

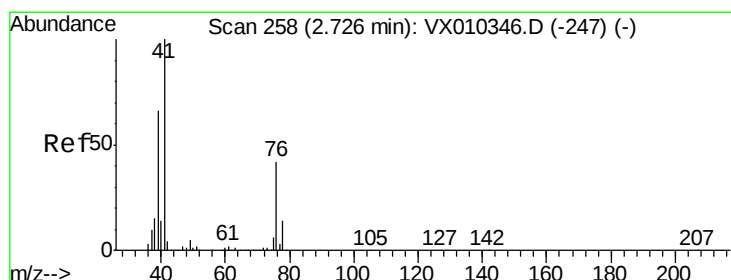
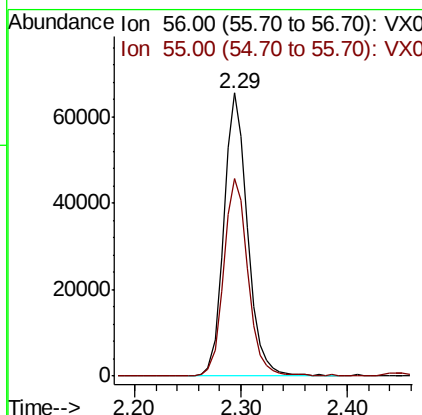
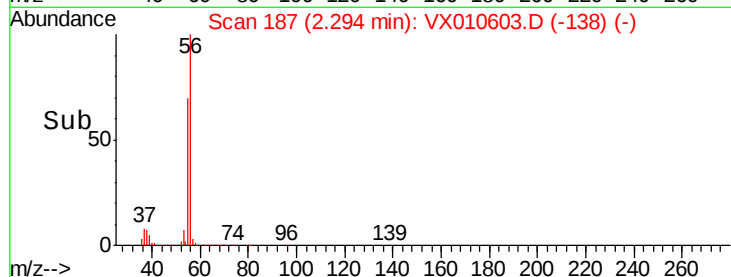
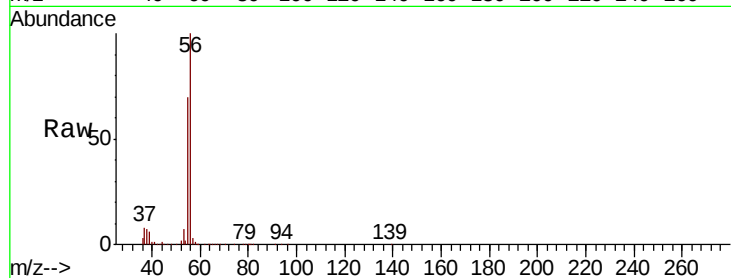




#13
 Acrolein
 Concen: 268.882 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

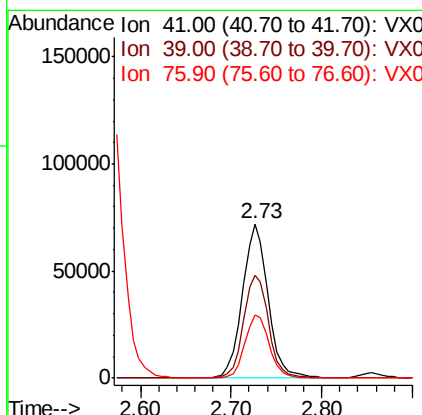
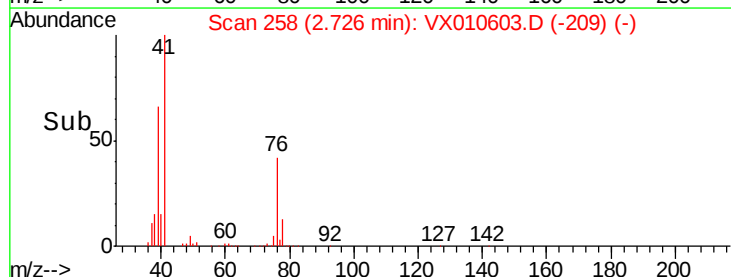
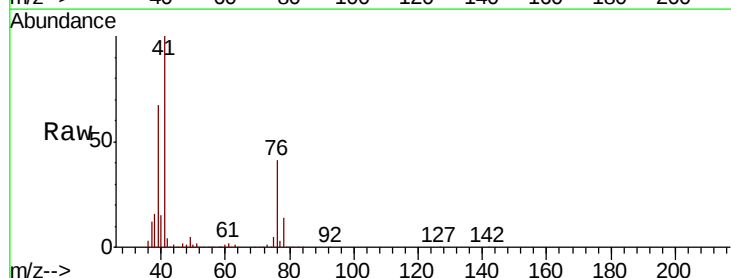
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

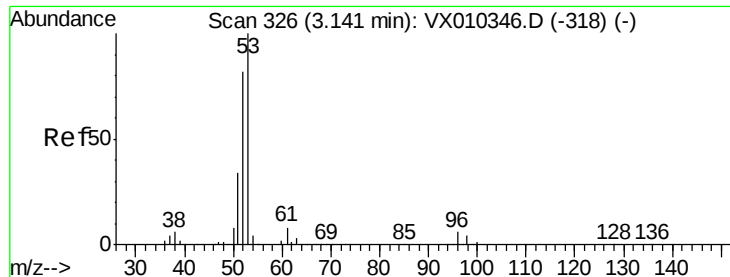
Tot Ion: 56 Resp: 101463
 Ion Ratio Lower Upper
 56 100
 55 71.2 56.9 85.3



#14
 Allyl chloride
 Concen: 49.534 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion: 41 Resp: 141329
 Ion Ratio Lower Upper
 41 100
 39 64.3 50.3 75.5
 76 38.9 31.3 46.9





#15

Acrylonitrile

Concen: 258.723 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

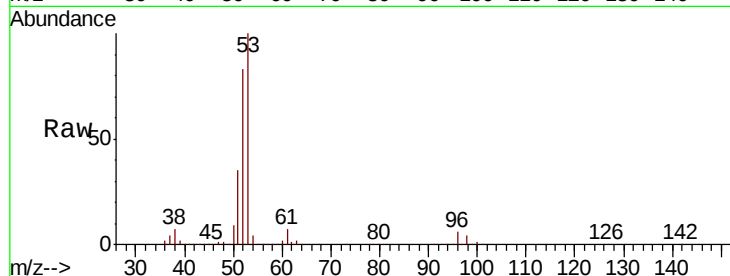
Tot Ion: 53 Resp: 291382

Ion Ratio Lower Upper

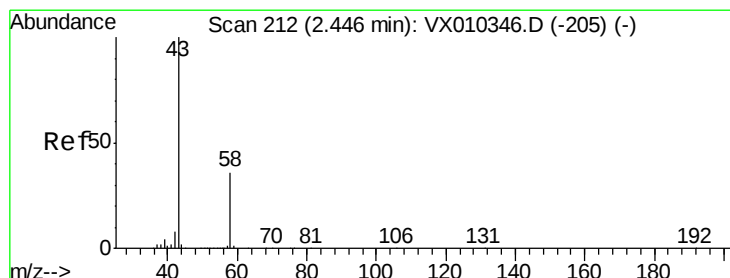
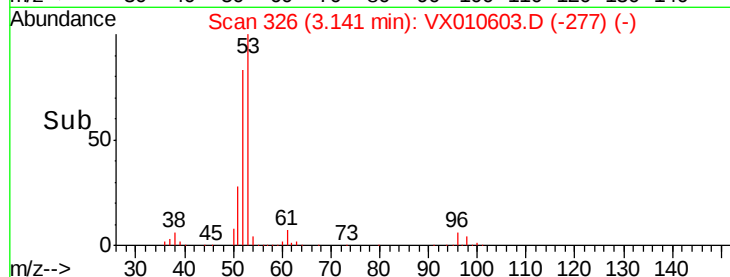
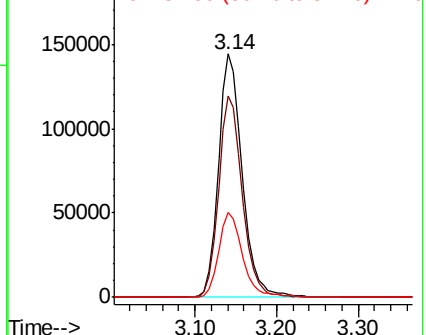
53 100

52 82.7 65.5 98.3

51 35.3 28.2 42.4



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: 209.923 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010603.D

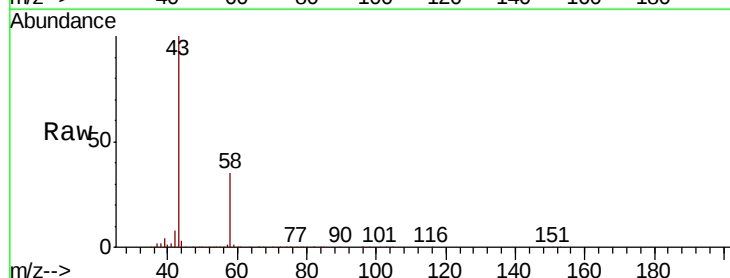
Acq: 01 Jul 2019 20:01

Tgt Ion: 43 Resp: 228708

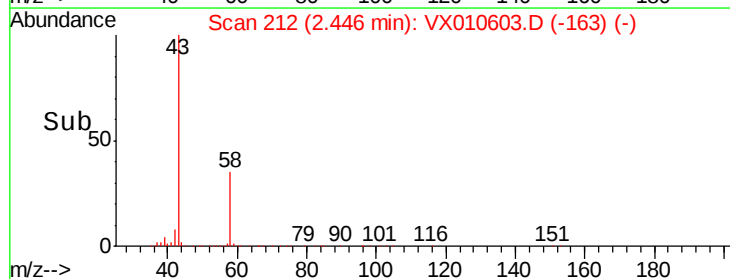
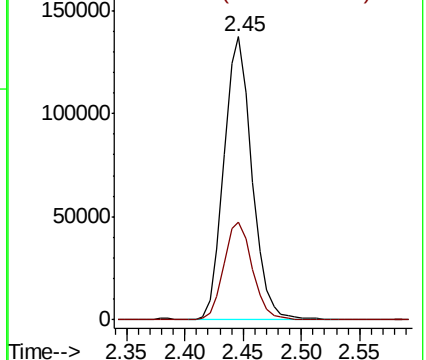
Ion Ratio Lower Upper

43 100

58 34.7 28.9 43.3



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

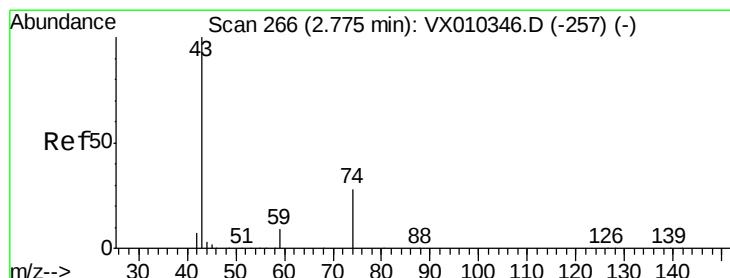
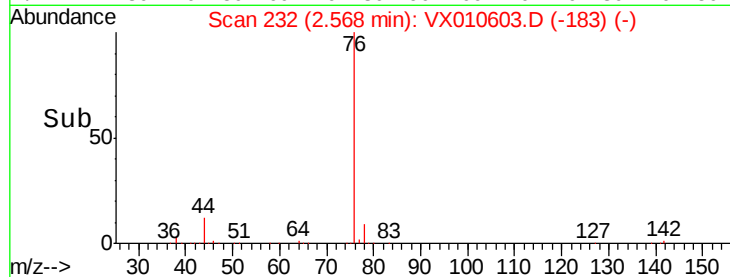
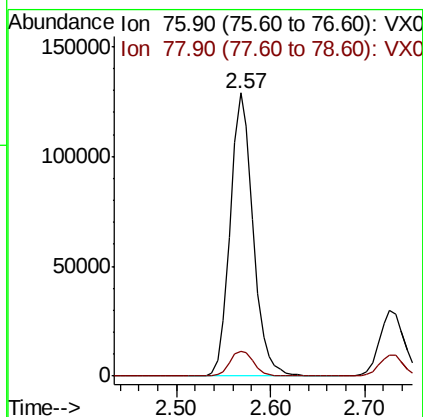
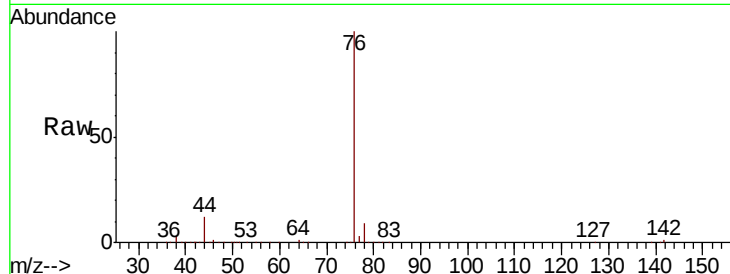




#17
Carbon Disulfide
Concen: 40.355 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

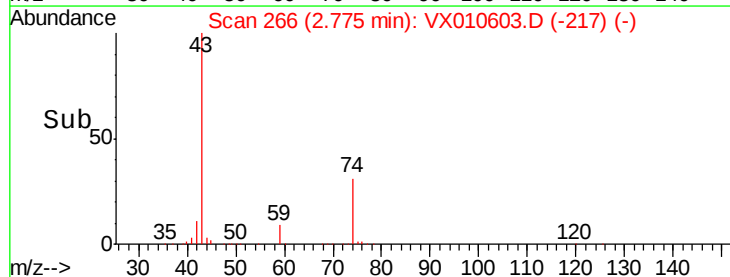
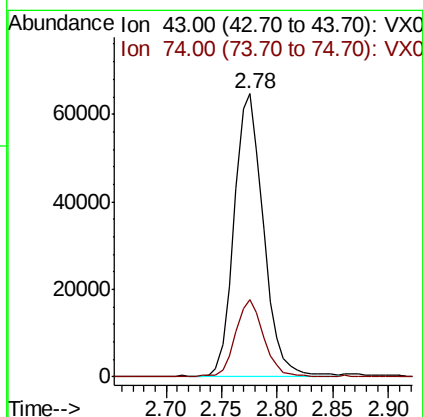
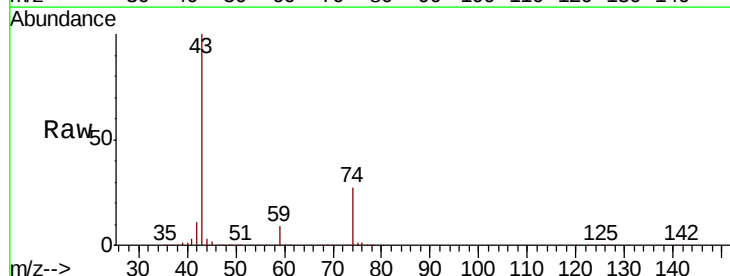
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

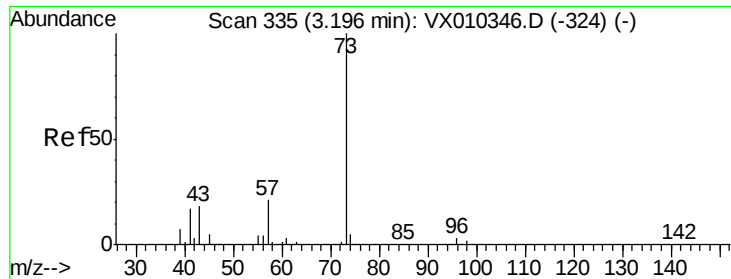
Tot Ion: 76 Resp: 217584
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 53.857 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 43 Resp: 116946
Ion Ratio Lower Upper
43 100
74 26.7 21.3 31.9

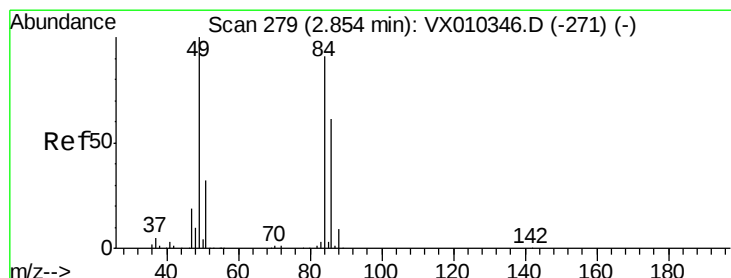
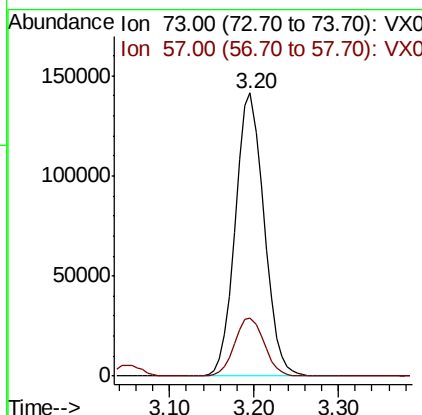
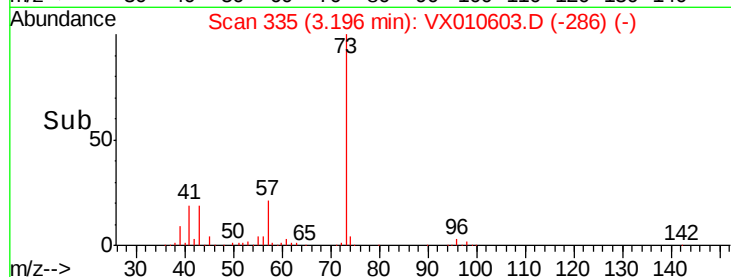
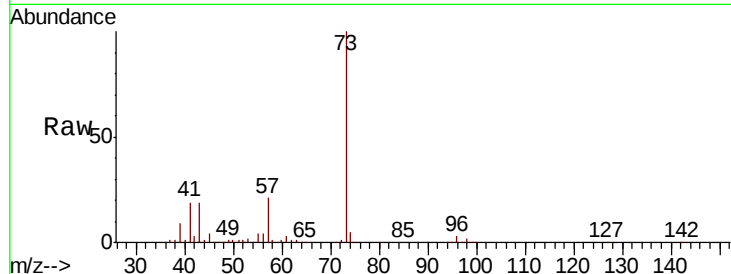




#19
Methyl tert-butyl Ether
Concen: 51.431 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

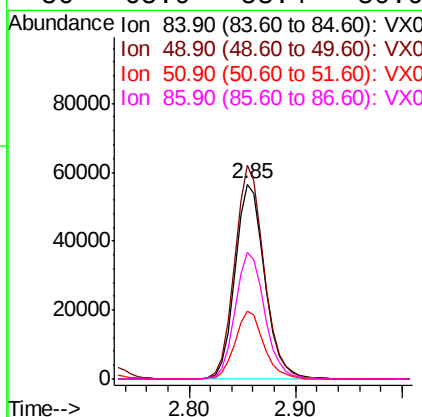
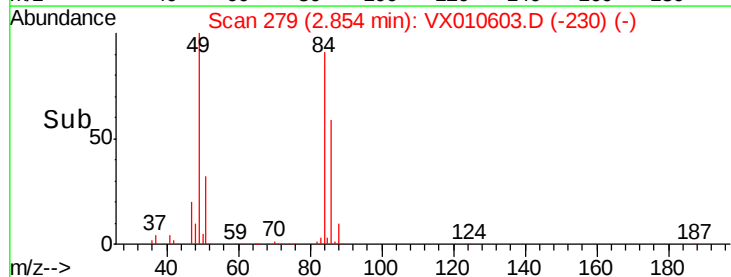
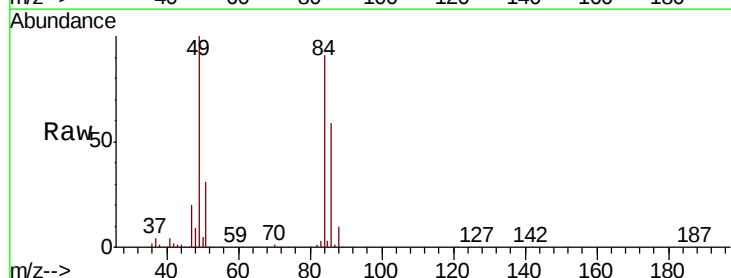
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

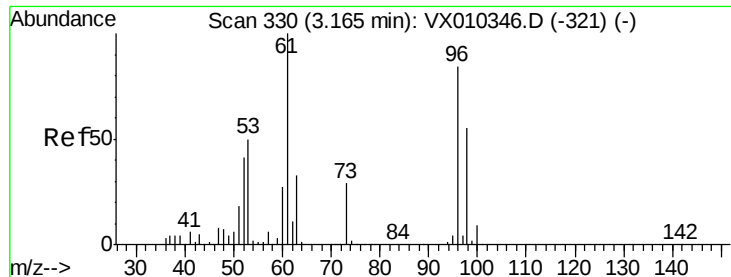
Tot Ion: 73 Resp: 325159
Ion Ratio Lower Upper
73 100
57 20.6 16.4 24.6



#20
Methylene Chloride
Concen: 49.359 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 84 Resp: 110668
Ion Ratio Lower Upper
84 100
49 109.4 87.5 131.3
51 34.3 27.7 41.5
86 65.0 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 47.697 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

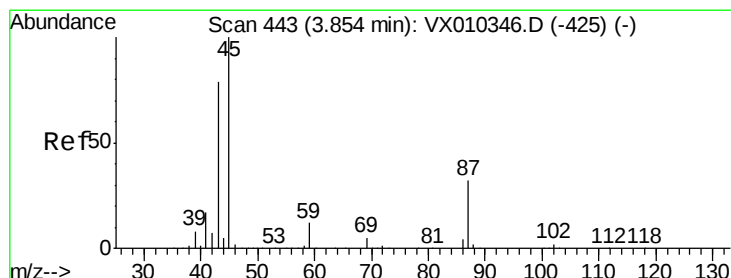
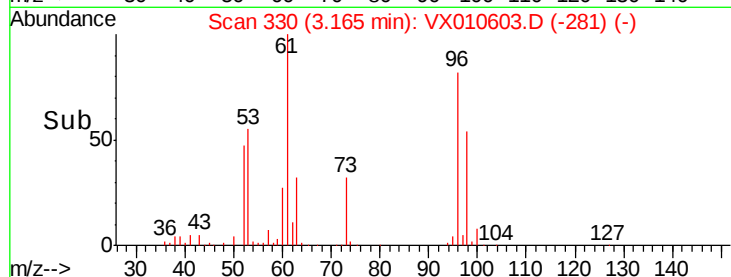
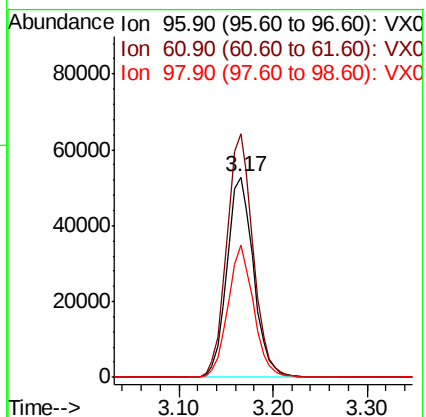
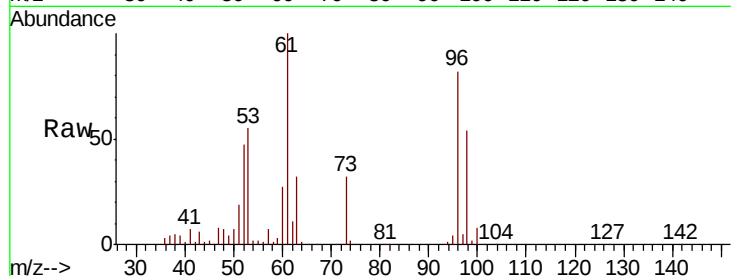
Tot Ion: 96 Resp: 103095

Ion Ratio Lower Upper

96 100

61 121.4 95.6 143.4

98 65.7 52.5 78.7



#22

Diisopropyl ether

Concen: 51.682 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Tgt Ion: 45 Resp: 308302

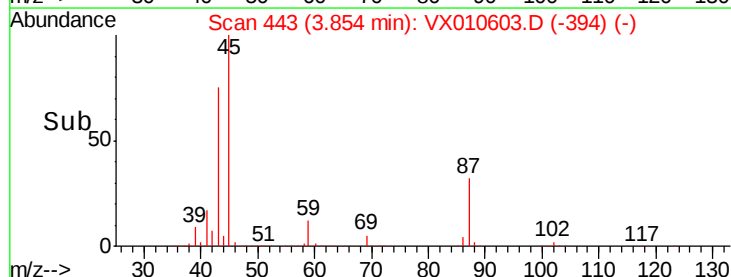
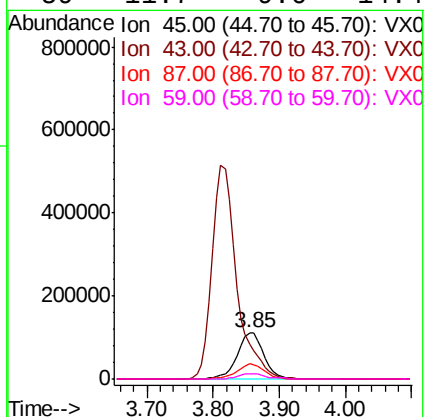
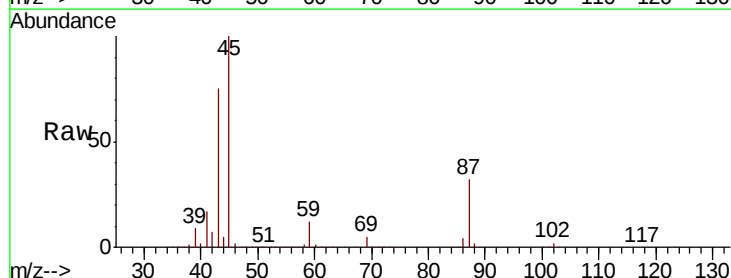
Ion Ratio Lower Upper

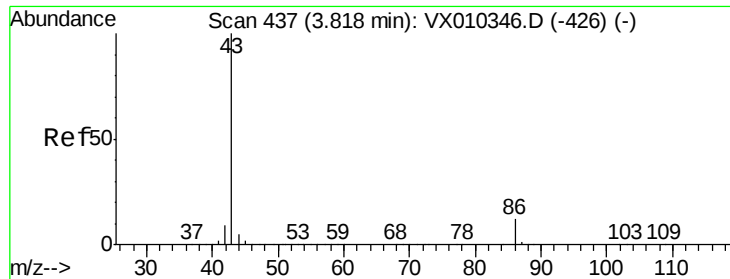
45 100

43 74.9 63.3 94.9

87 32.0 25.8 38.8

59 11.7 9.6 14.4

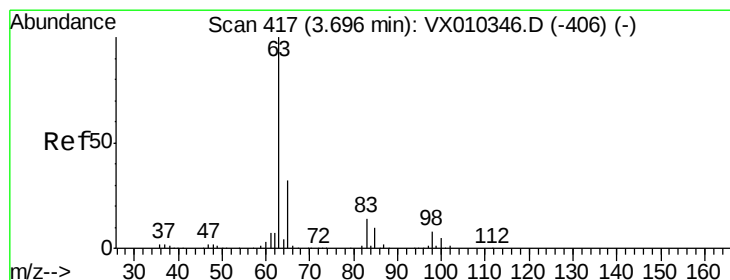
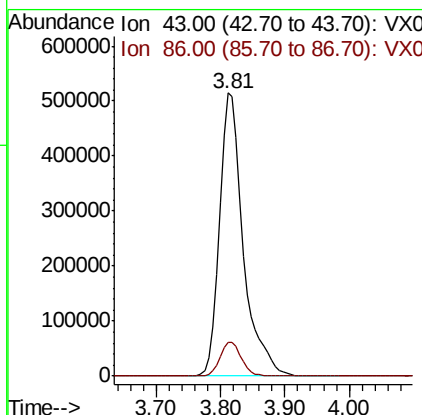
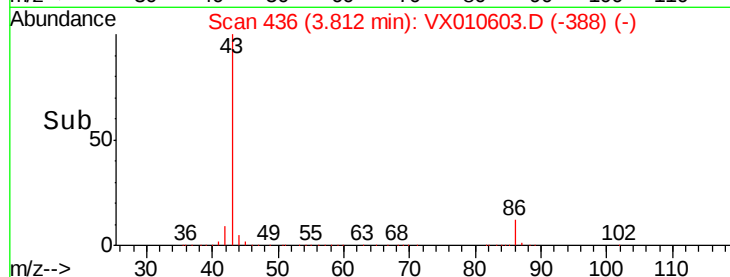
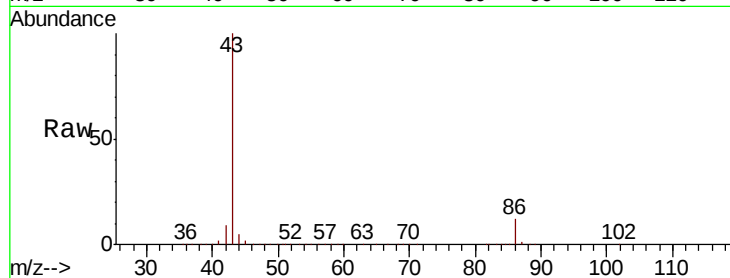




#23
 Vinyl Acetate
 Concen: 259.392 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

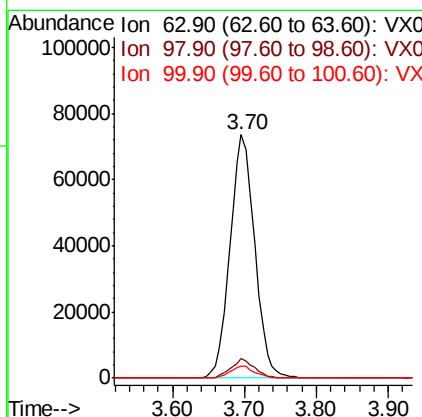
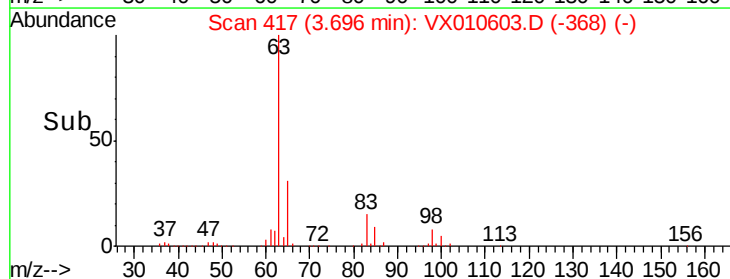
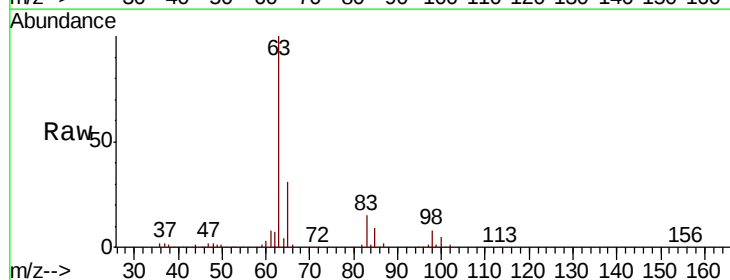
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

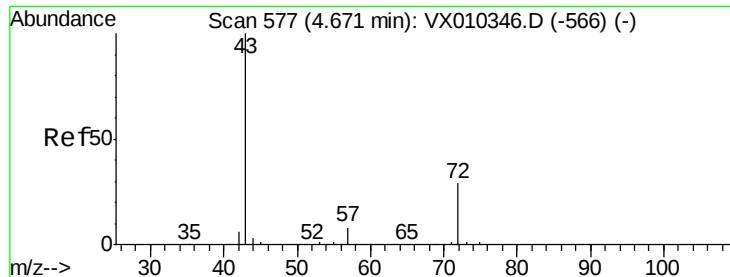
Tot Ion: 43 Resp: 1336752
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 50.937 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion: 63 Resp: 175639
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 244.445 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

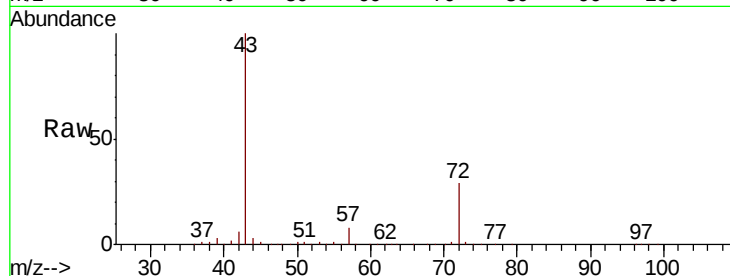
VSTDCCC050EC

Tot Ion: 43 Resp: 390657

Ion Ratio Lower Upper

43 100

72 28.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

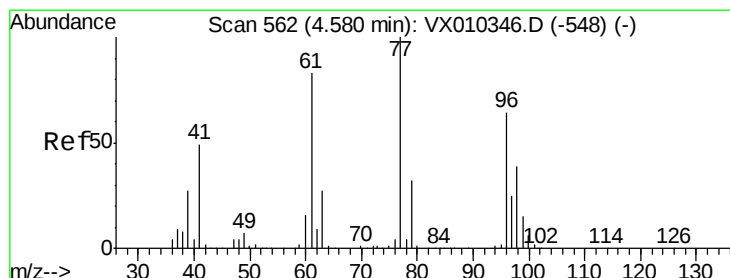
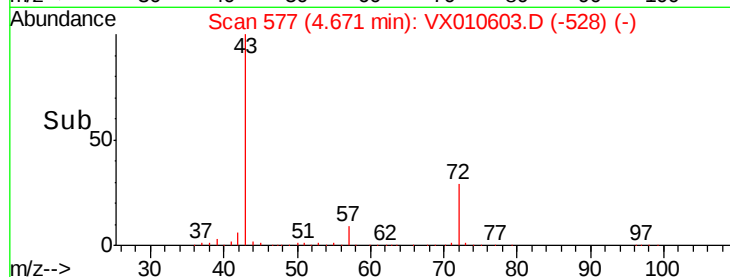
100000

50000

0

4.60 4.65 4.70 4.75 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.865 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010603.D

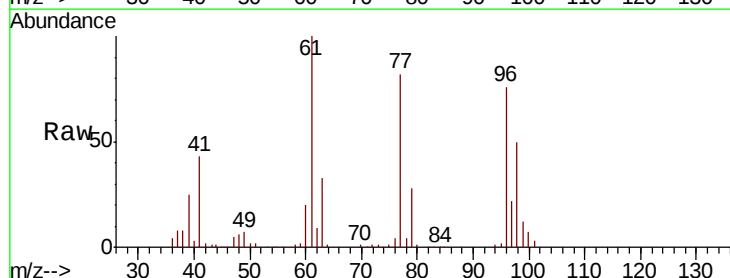
Acq: 01 Jul 2019 20:01

Tgt Ion: 77 Resp: 128398

Ion Ratio Lower Upper

77 100

97 26.5 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

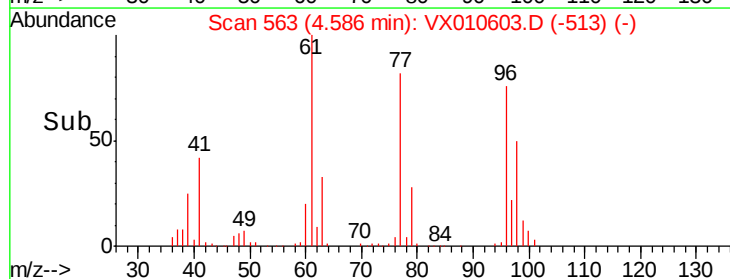
20000

10000

0

4.40 4.50 4.60 4.70

Time-->



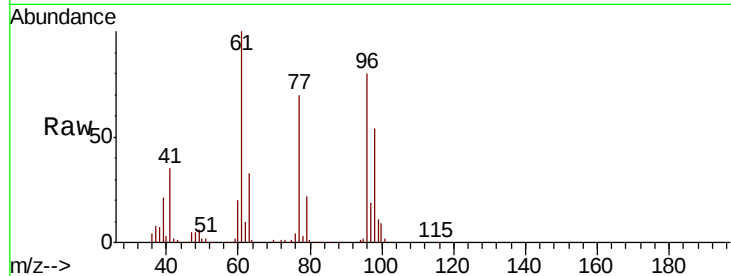


#27

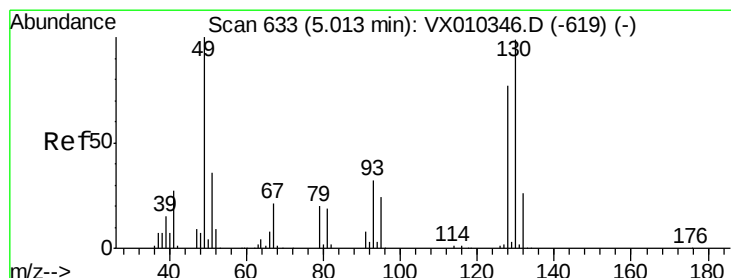
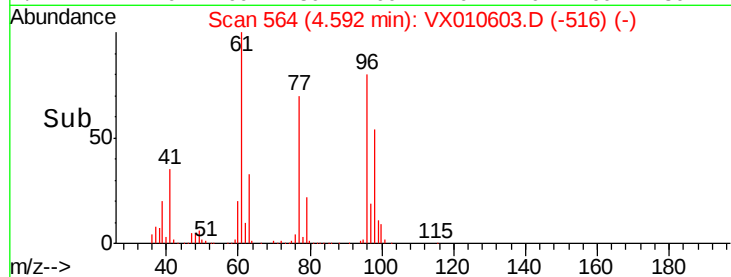
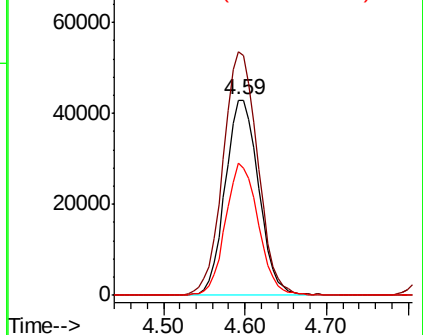
cis-1,2-Dichloroethene
 Concen: 48.919 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	251.8
98	65.9	0.0	129.4



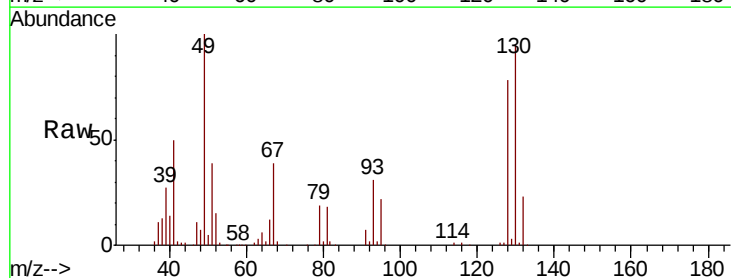
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



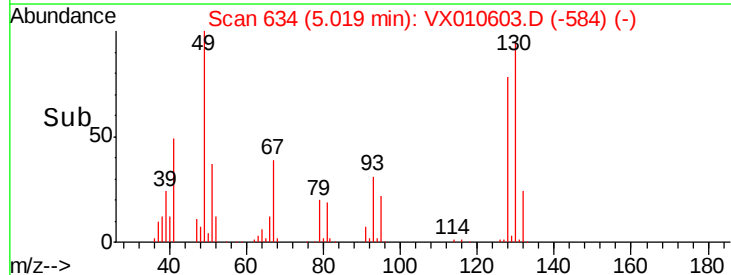
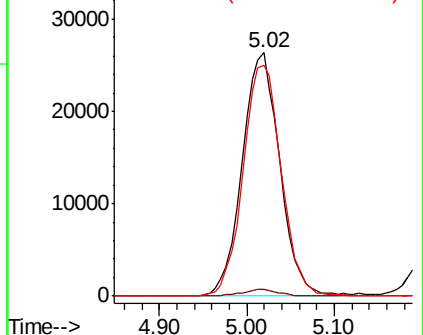
#28

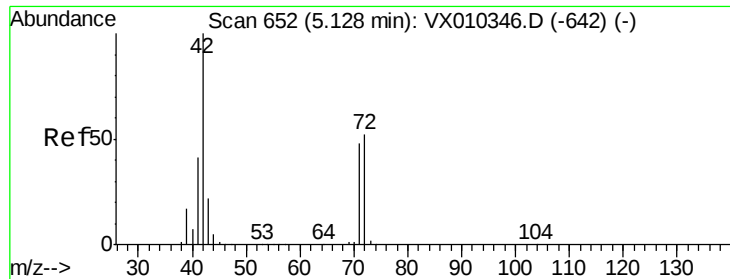
Bromochloromethane
 Concen: 47.692 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	96.6	81.4	122.0



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

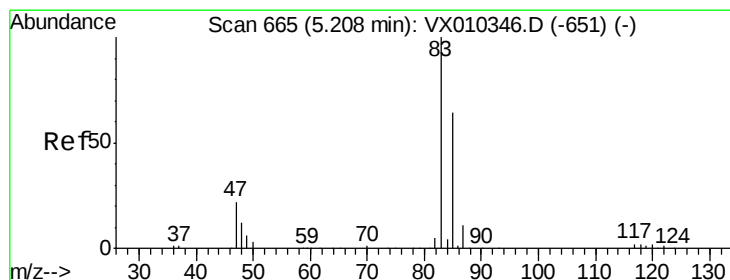
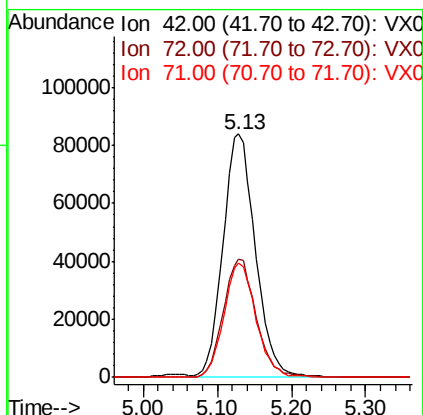
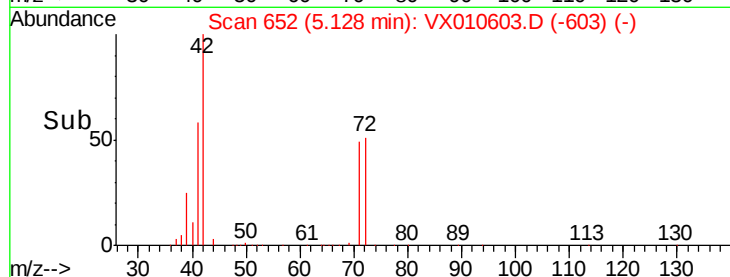
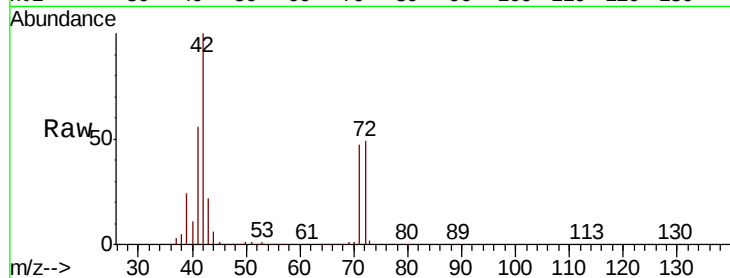




#29
Tetrahydrofuran
Concen: 255.055 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

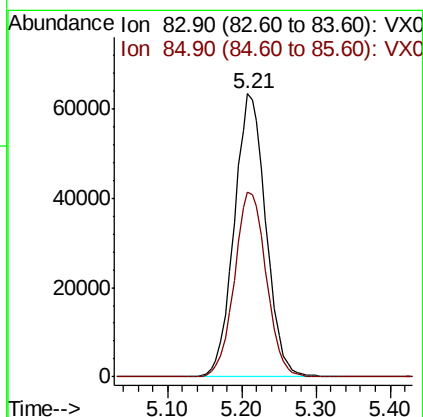
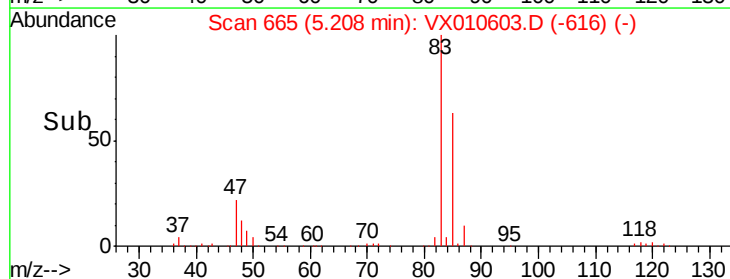
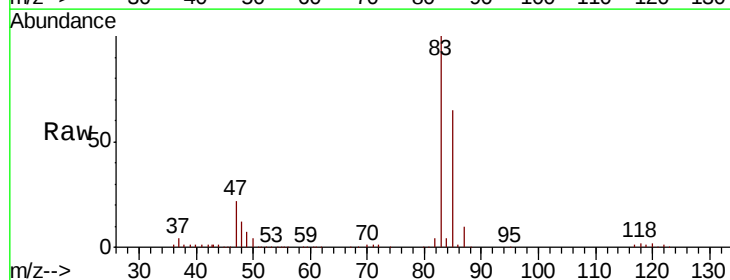
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

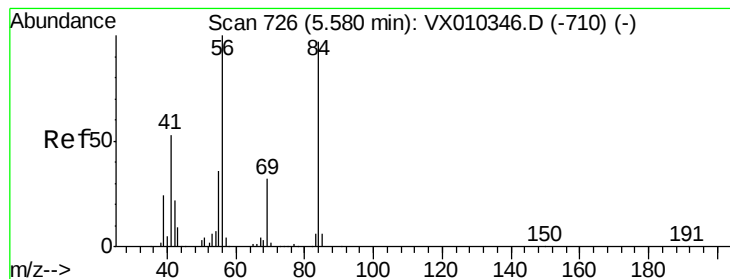
Tot Ion: 42 Resp: 252479
Ion Ratio Lower Upper
42 100
72 49.9 40.6 60.8
71 47.0 37.8 56.8



#30
Chloroform
Concen: 50.775 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 83 Resp: 188377
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3





#31

Cyclohexane

Concen: 47.040 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

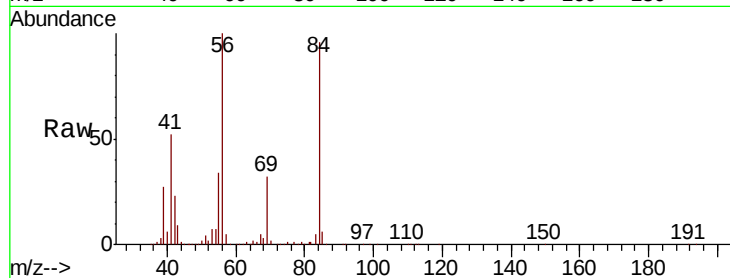
Tot Ion: 56 Resp: 147708

Ion Ratio Lower Upper

56 100

69 32.0 25.9 38.9

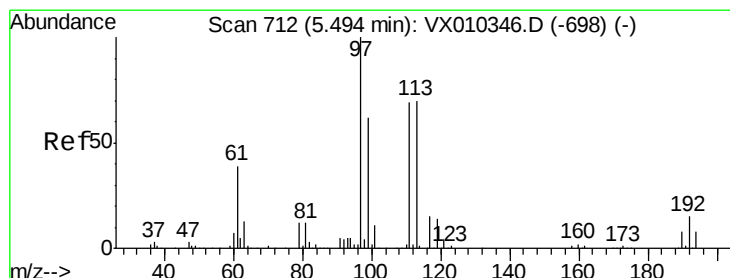
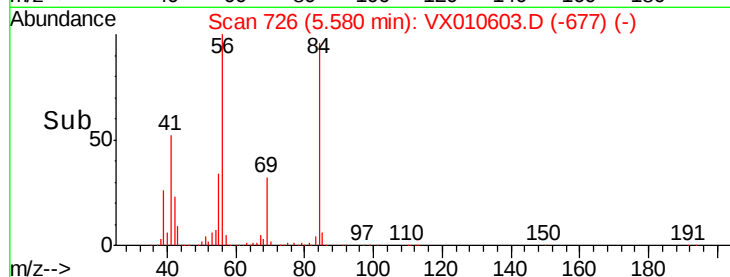
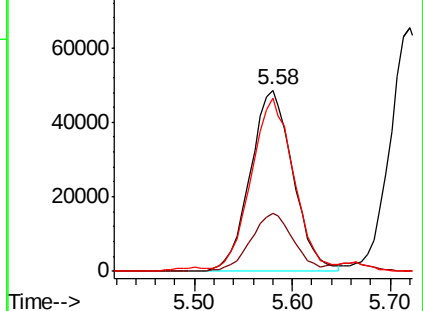
84 93.8 78.0 117.0



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: 50.054 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

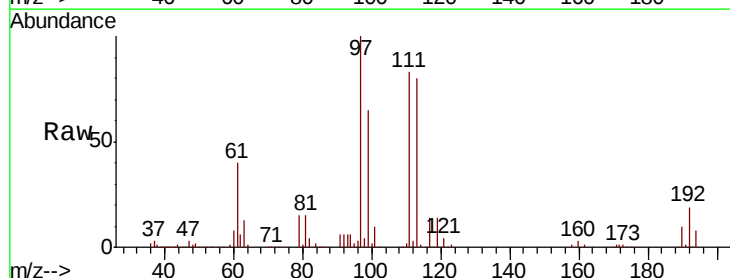
Tgt Ion: 97 Resp: 163976

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

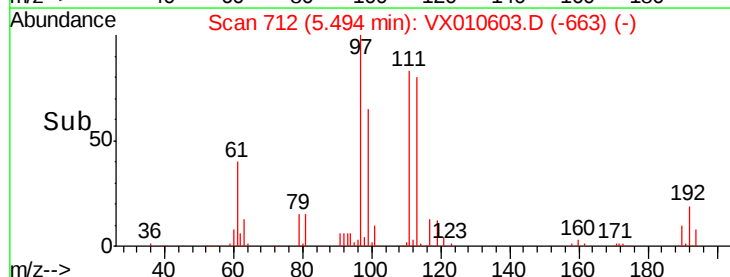
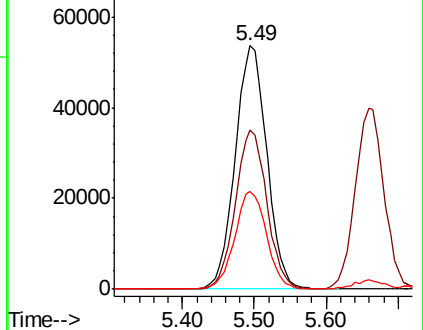
61 40.4 32.1 48.1

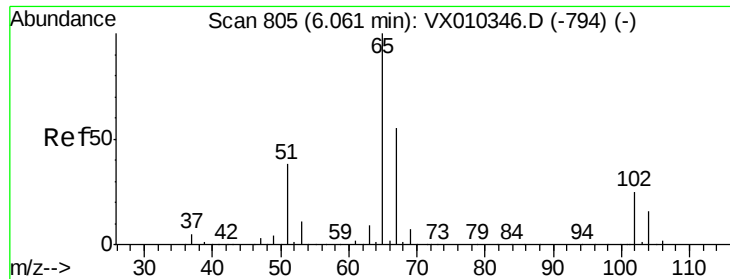


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 59.851 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

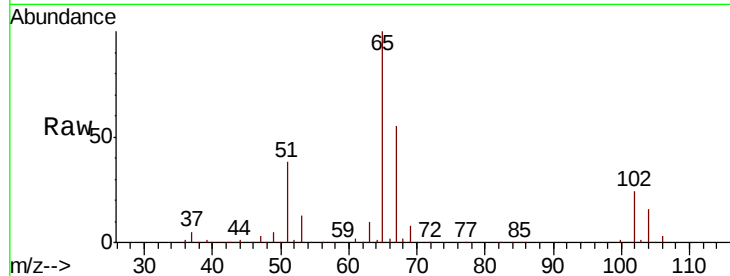
VSTDCCC050EC

Tot Ion: 65 Resp: 130110

Ion Ratio Lower Upper

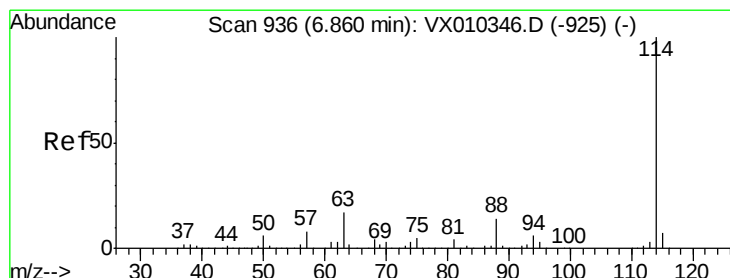
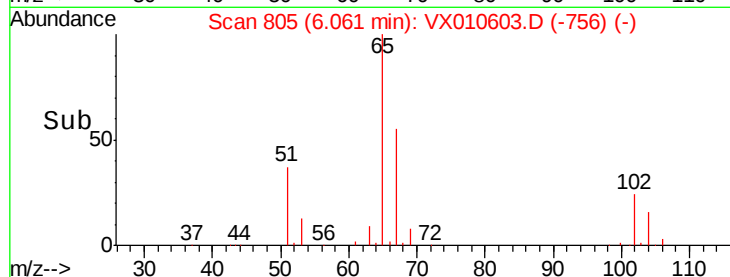
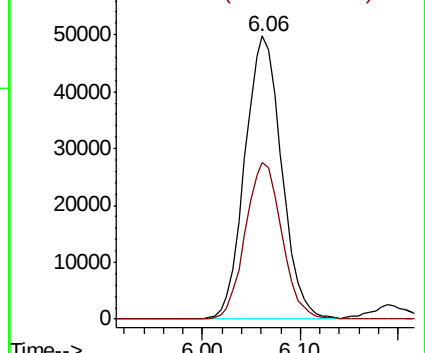
65 100

67 55.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

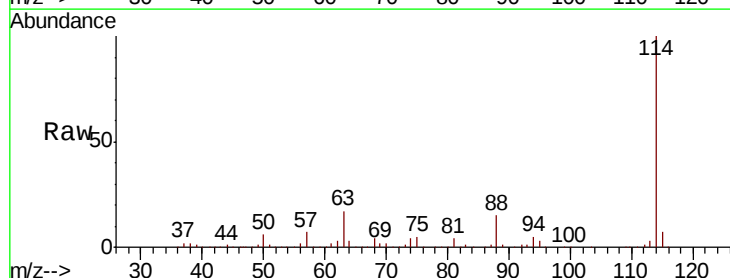
Tgt Ion: 114 Resp: 352717

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

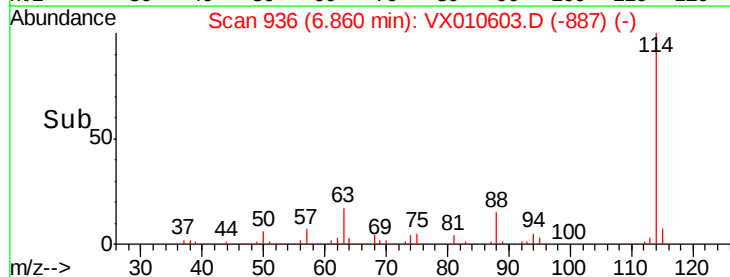
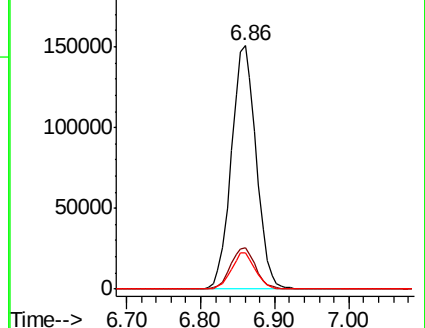
88 14.7 0.0 27.6

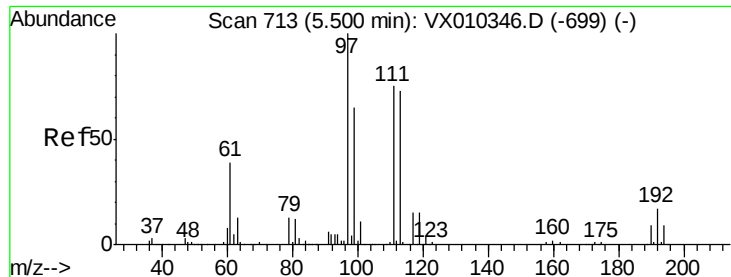


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 58.401 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

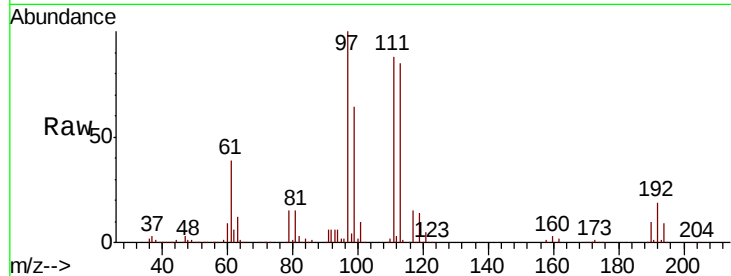
Tot Ion:113 Resp: 126033

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

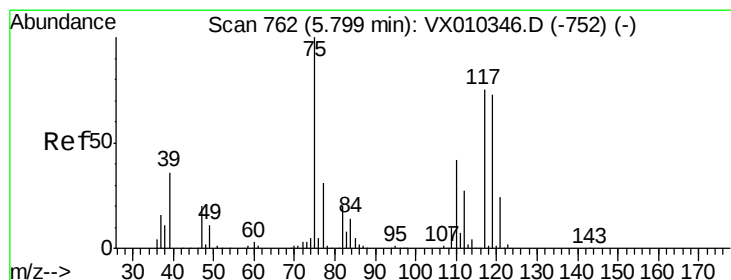
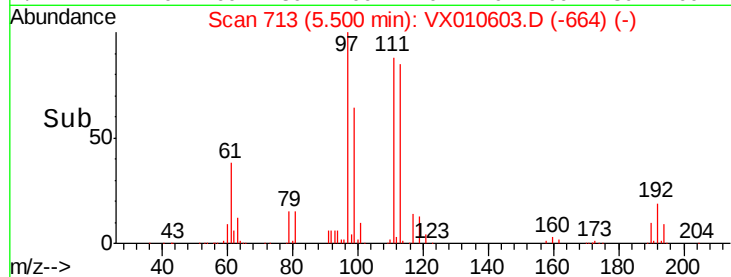
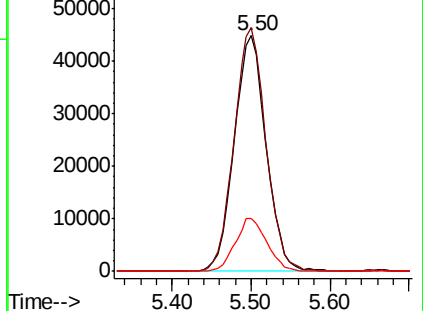
192 22.4 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.916 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

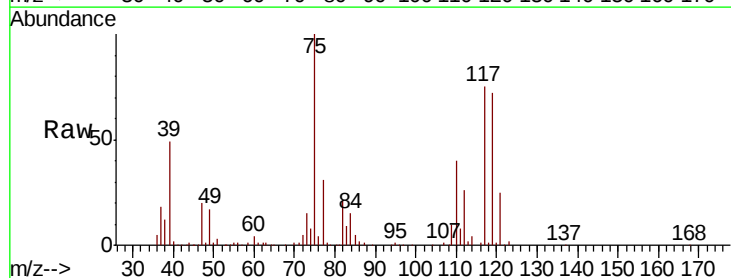
Tgt Ion: 75 Resp: 131500

Ion Ratio Lower Upper

75 100

110 41.1 20.8 62.2

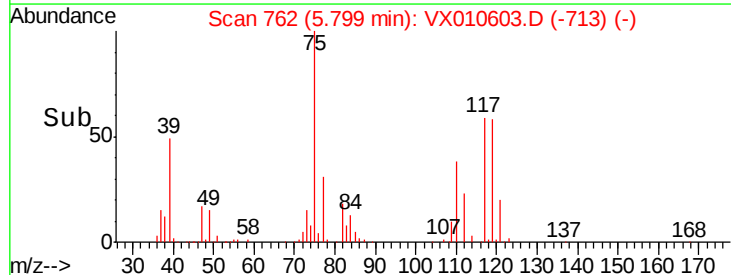
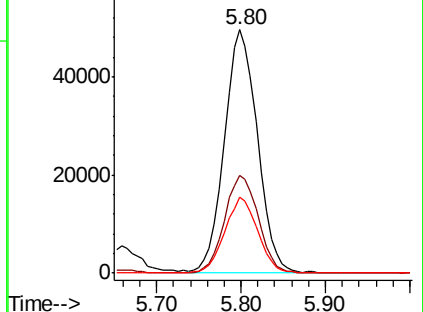
77 31.8 25.4 38.0

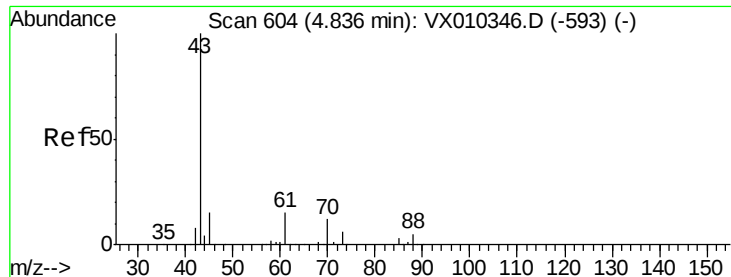


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

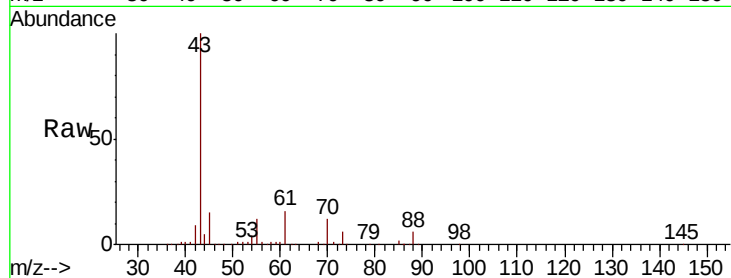




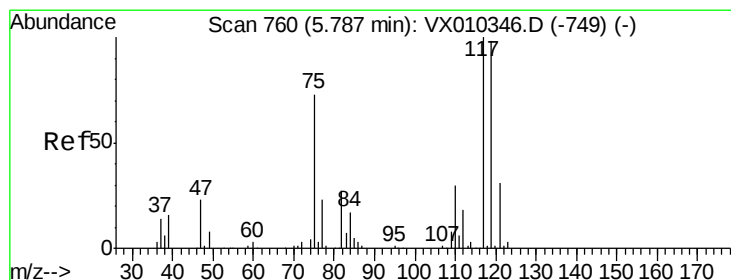
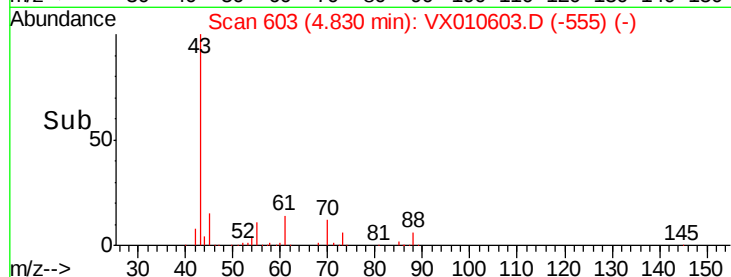
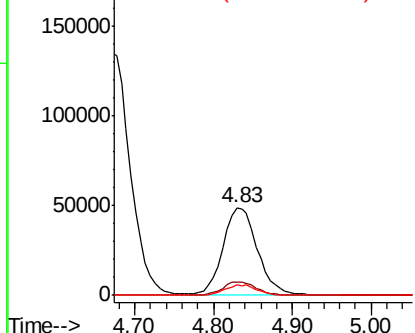
#37
Ethyl Acetate
Concen: 50.959 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 146939
Ion Ratio Lower Upper
43 100
61 15.5 12.4 18.6
70 11.8 9.8 14.8

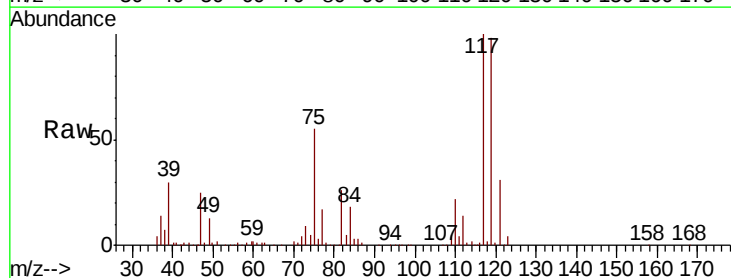


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

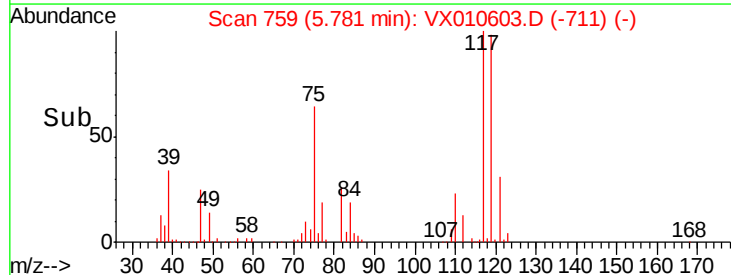
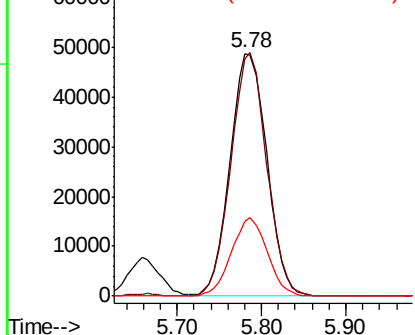


#38
Carbon Tetrachloride
Concen: 47.544 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 117 Resp: 144303
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.4
121 30.7 24.7 37.1



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

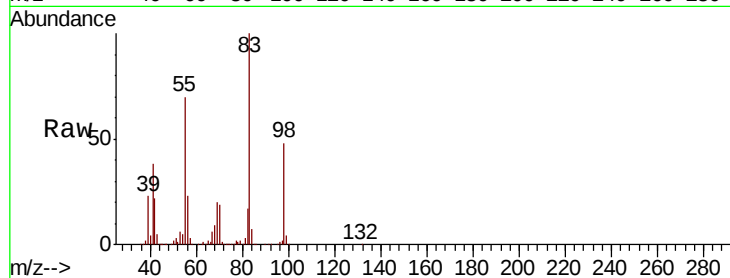




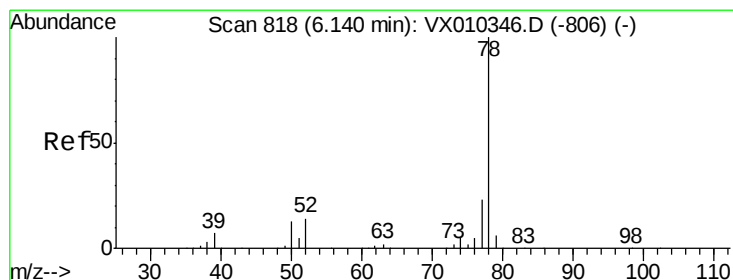
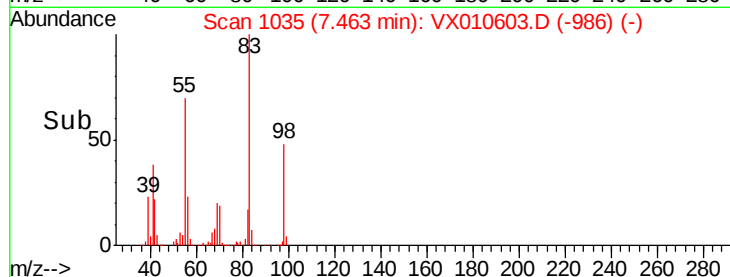
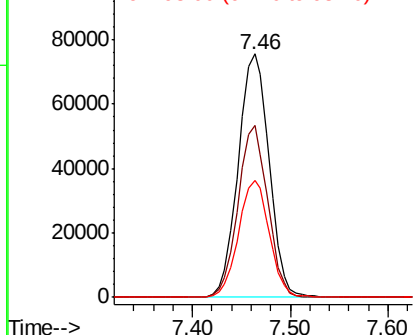
#39
Methvlcvclohexane
Concen: 45.099 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 166157
Ion Ratio Lower Upper
83 100
55 70.3 53.0 79.6
98 48.2 37.8 56.8

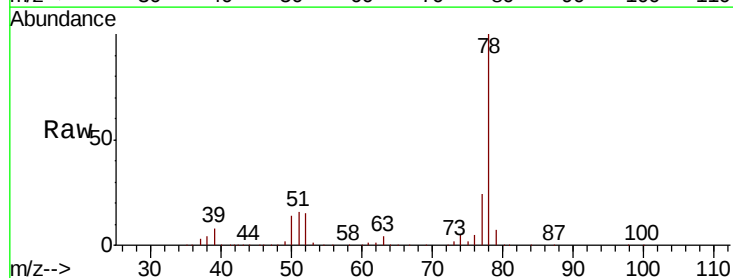


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

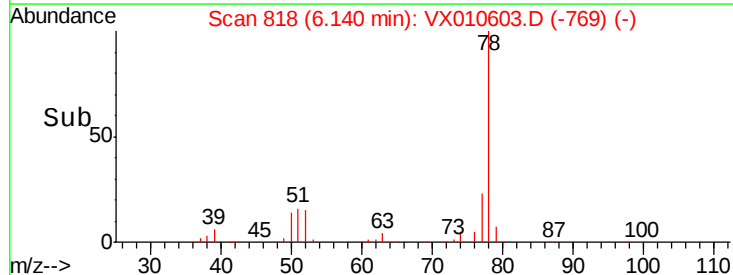
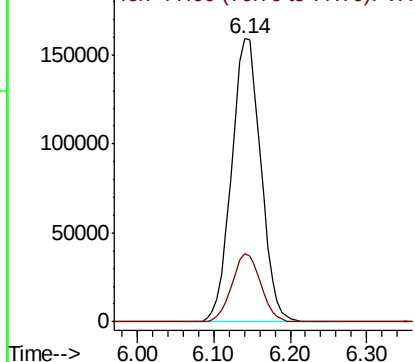


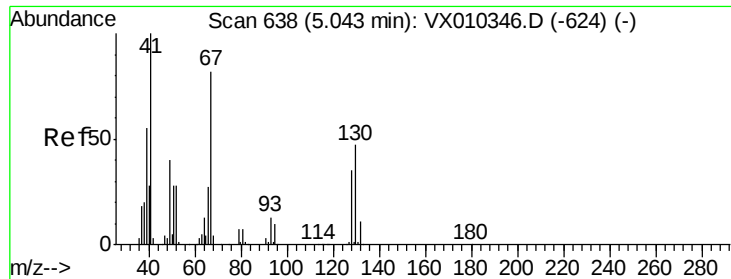
#40
Benzene
Concen: 48.254 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 78 Resp: 421367
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

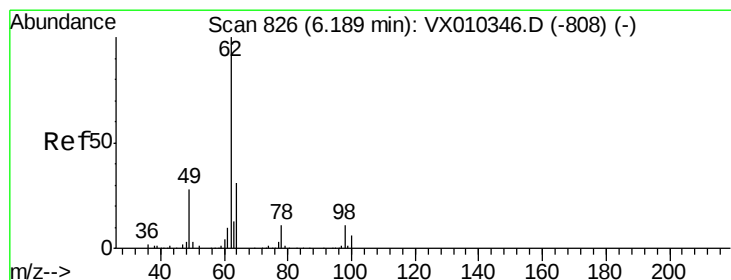
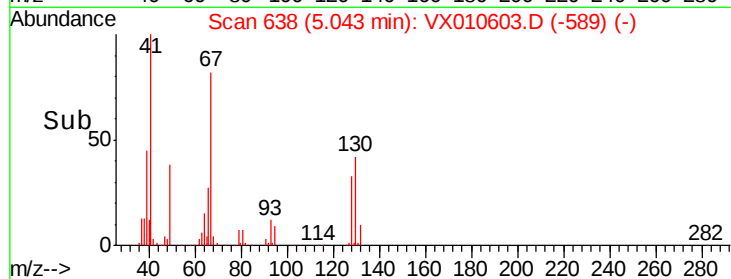
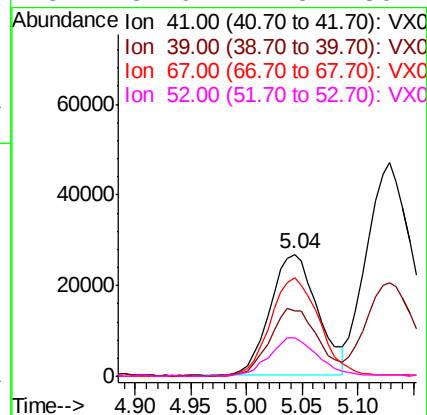
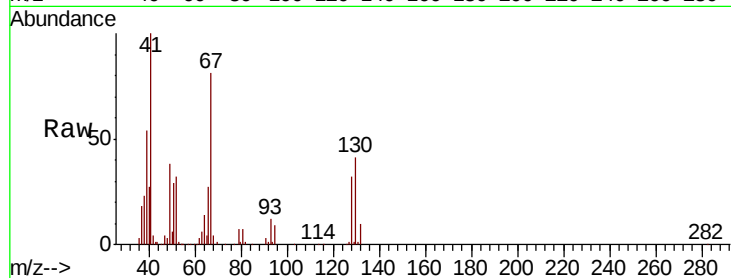




#41
Methacrylonitrile
Concen: 50.520 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

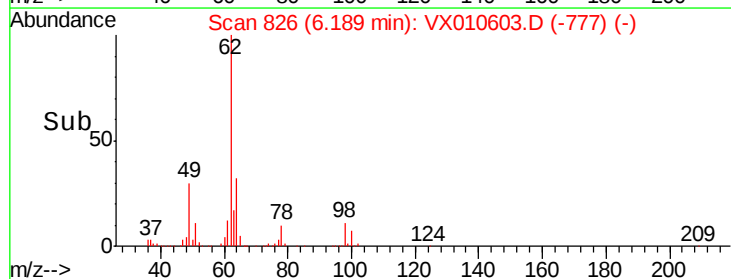
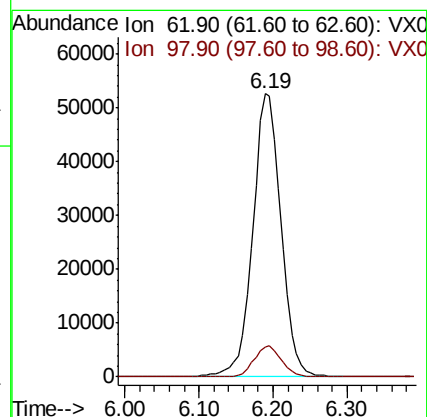
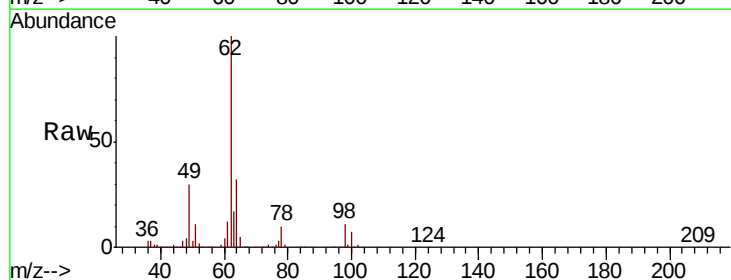
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

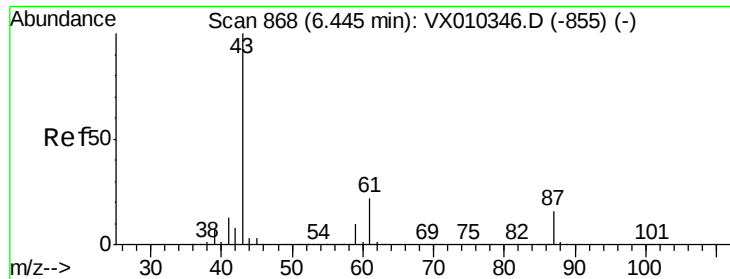
Tot Ion:	41	Resp:	79929
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.8	65.8
67	83.6	66.6	100.0
52	31.9	24.5	36.7



#42
1,2-Dichloroethane
Concen: 52.470 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion:	62	Resp:	139472
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.2





#43

Isopropyl Acetate

Concen: 50.726 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

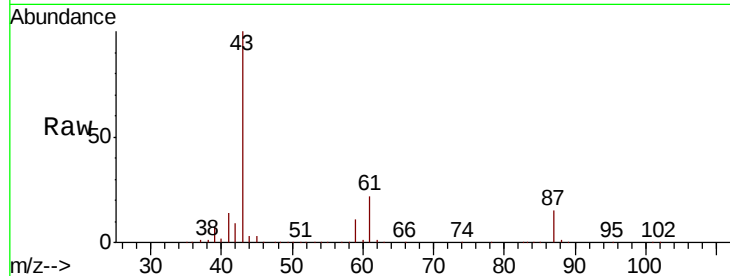
Tot Ion: 43 Resp: 241997

Ion Ratio Lower Upper

43 100

61 21.5 17.8 26.6

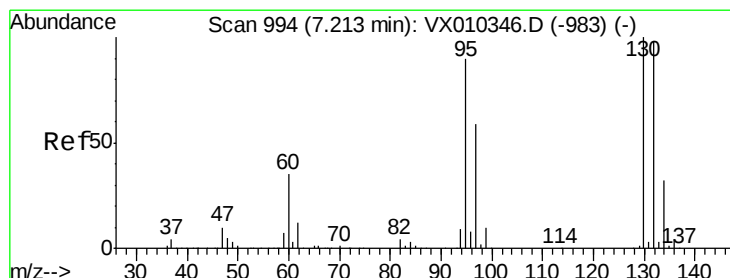
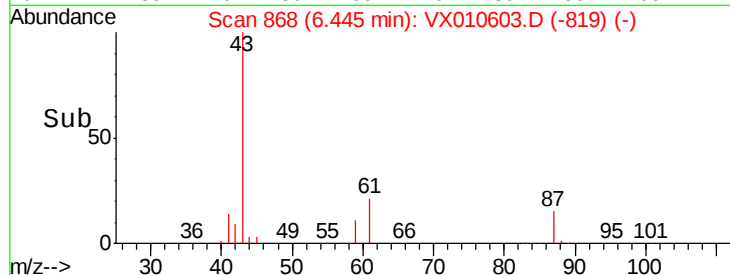
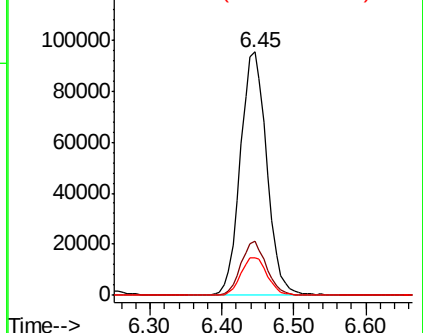
87 15.7 13.0 19.4



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: 47.747 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010603.D

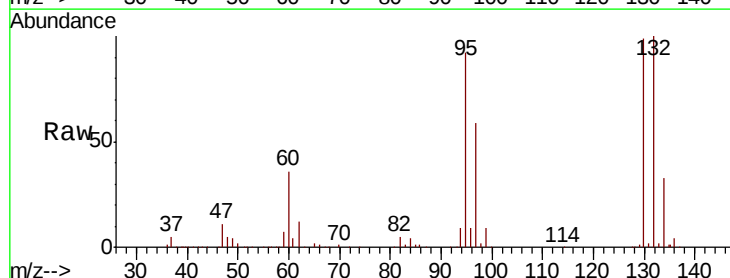
Acq: 01 Jul 2019 20:01

Tgt Ion:130 Resp: 124759

Ion Ratio Lower Upper

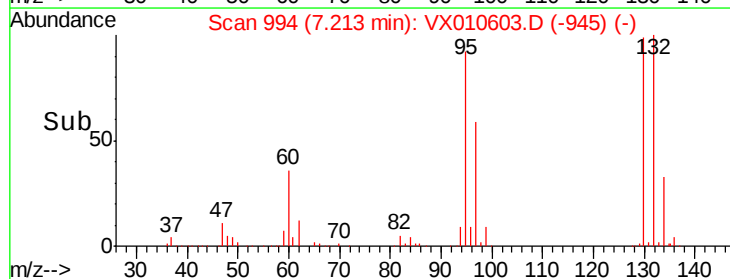
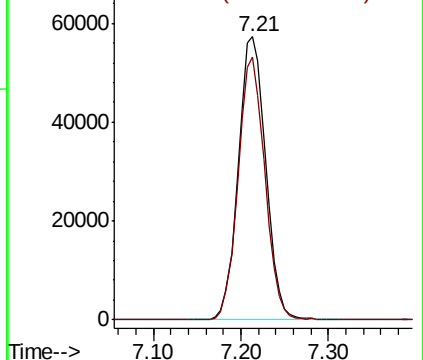
130 100

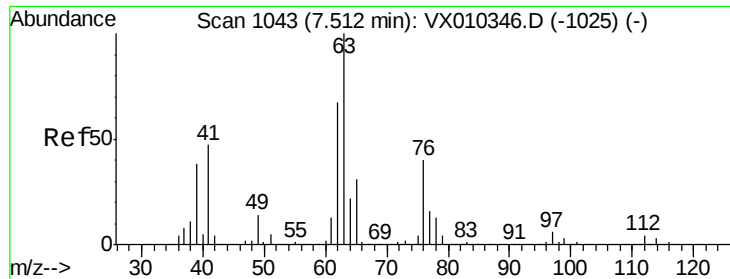
95 92.8 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.984 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

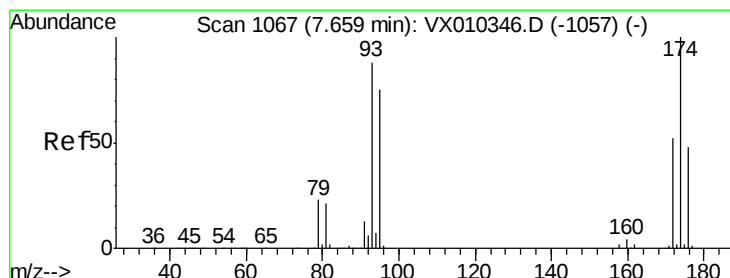
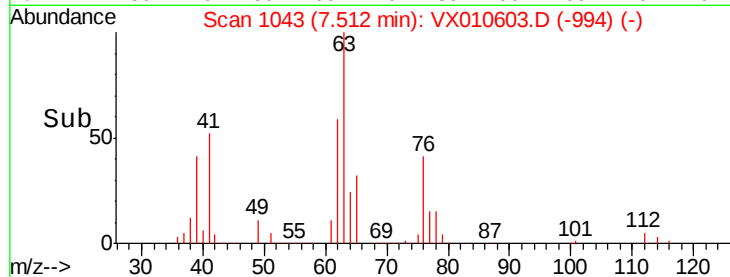
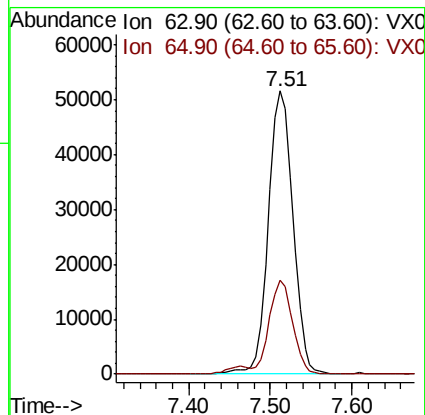
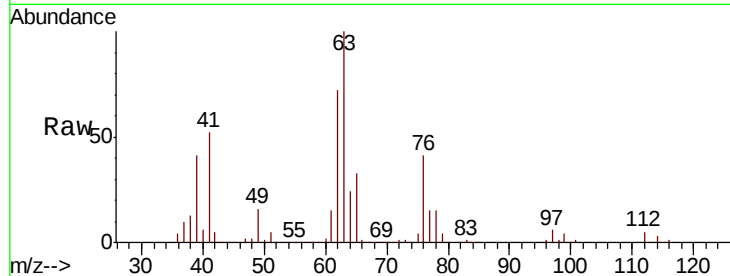
VSTDCCC050EC

Tot Ion: 63 Resp: 108017

Ion Ratio Lower Upper

63 100

65 33.4 24.8 37.2



#46

Dibromomethane

Concen: 49.390 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

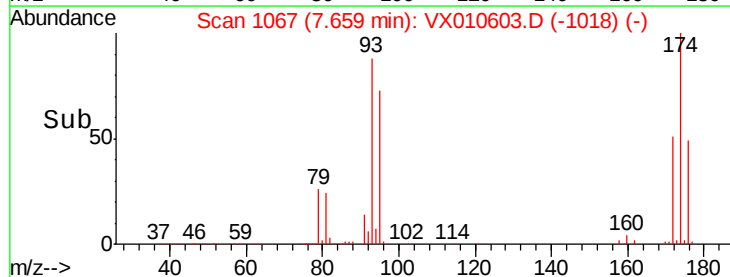
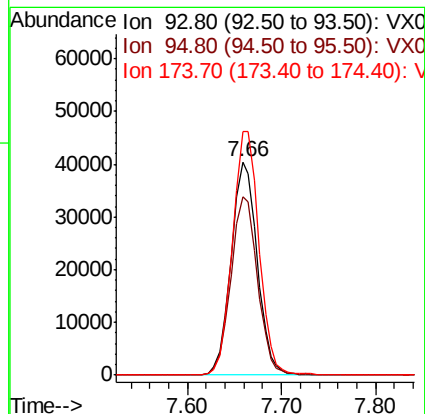
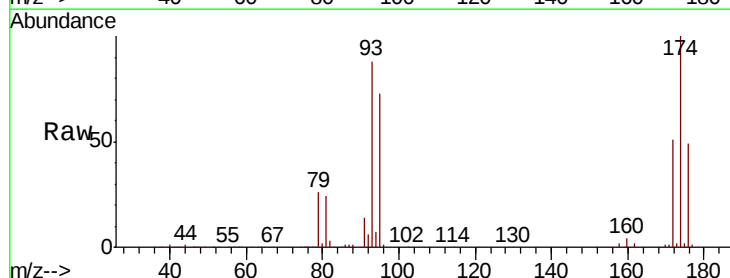
Tgt Ion: 93 Resp: 78142

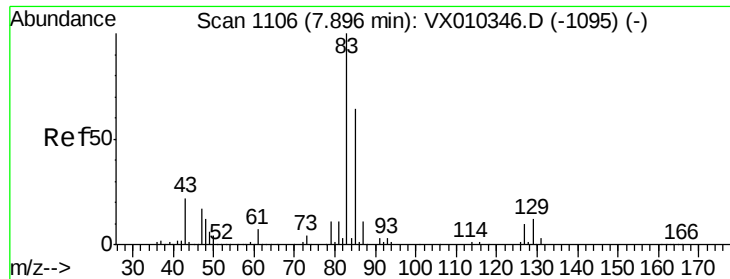
Ion Ratio Lower Upper

93 100

95 84.9 67.5 101.3

174 115.9 95.8 143.6





#47

Bromodichloromethane

Concen: 49.913 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

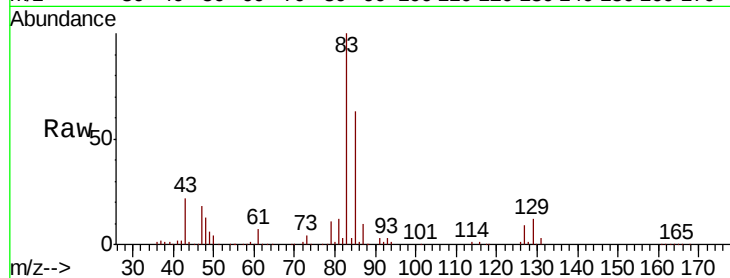
Tot Ion: 83 Resp: 144723

Ion Ratio Lower Upper

83 100

85 63.1 51.5 77.3

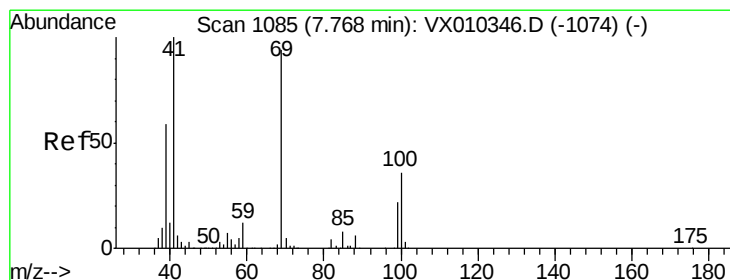
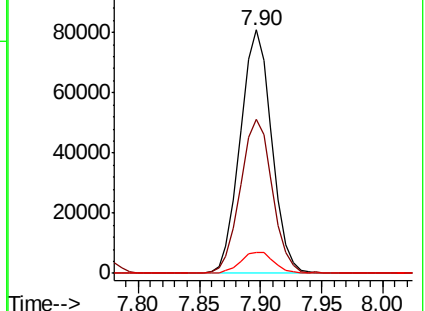
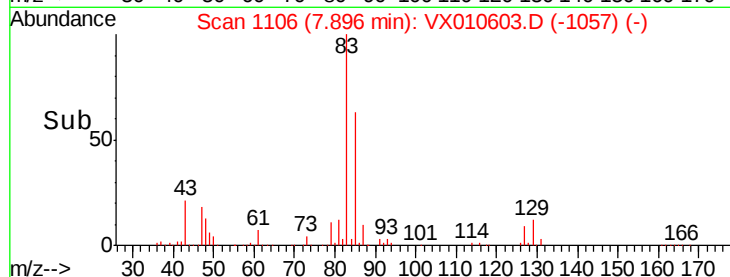
127 8.8 7.8 11.8



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: 52.156 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

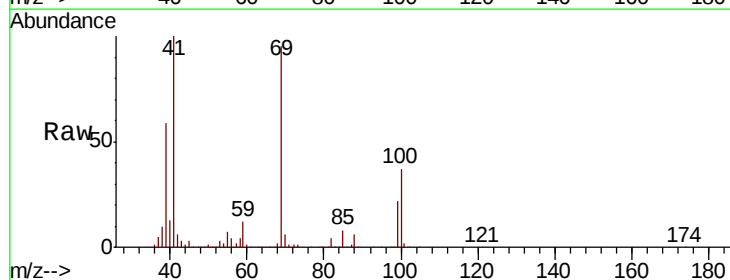
Tgt Ion: 41 Resp: 115656

Ion Ratio Lower Upper

41 100

69 94.8 76.1 114.1

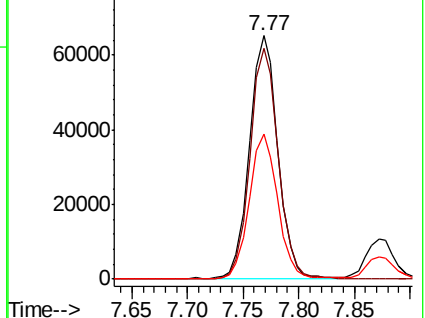
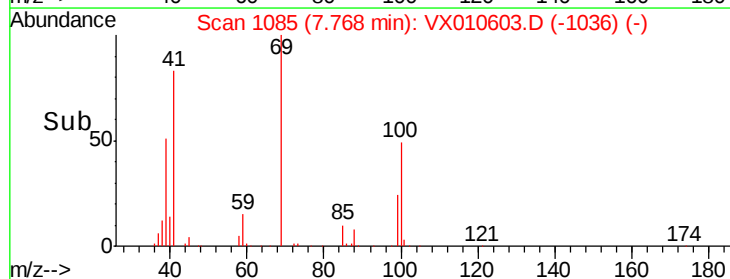
39 59.4 47.6 71.4

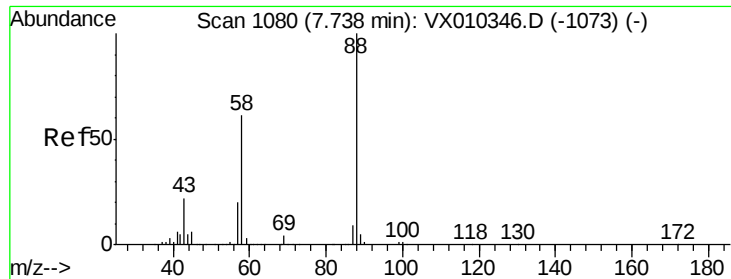


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

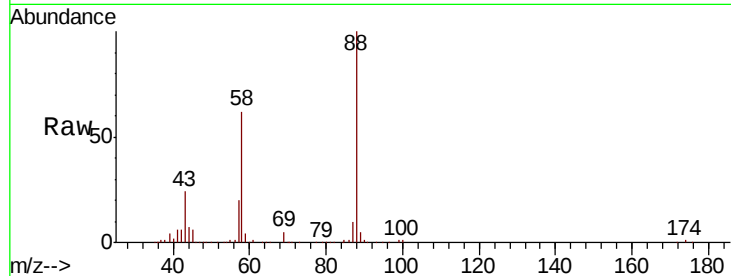




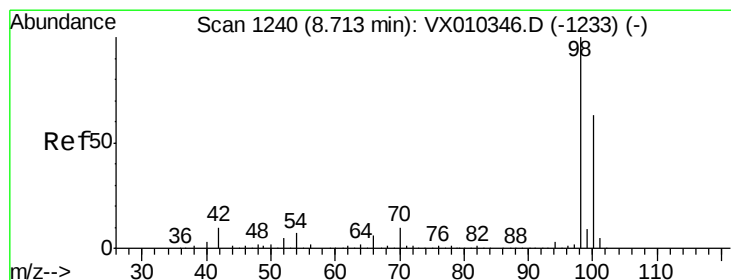
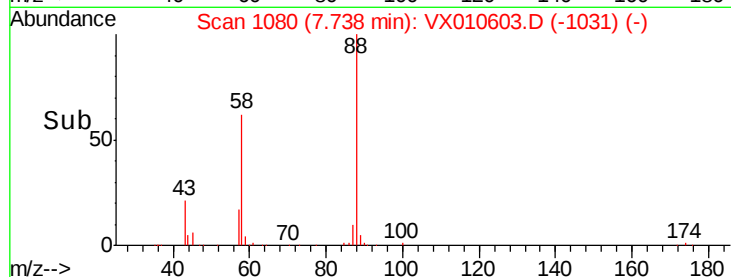
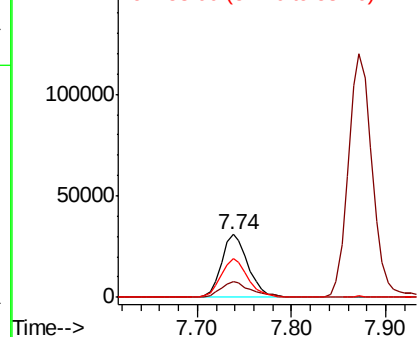
#49
1,4-Dioxane
Concen: 943.191 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 60251
Ion Ratio Lower Upper
88 100
43 27.5 20.2 30.2
58 62.9 49.5 74.3

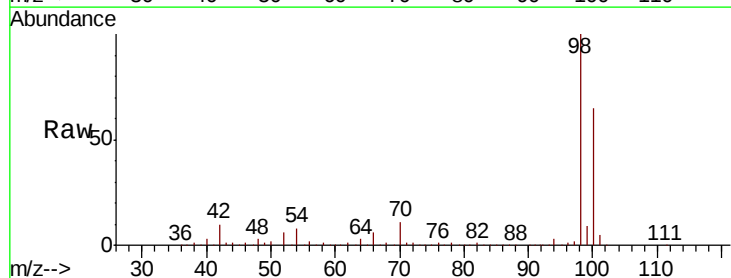


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

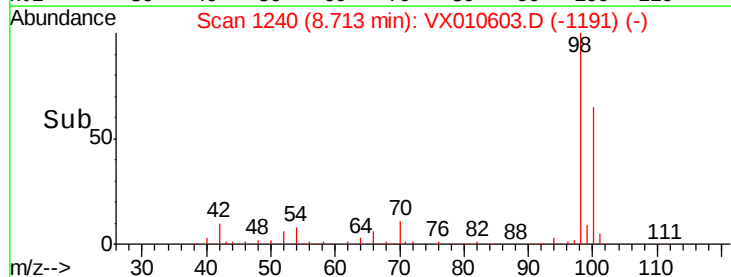
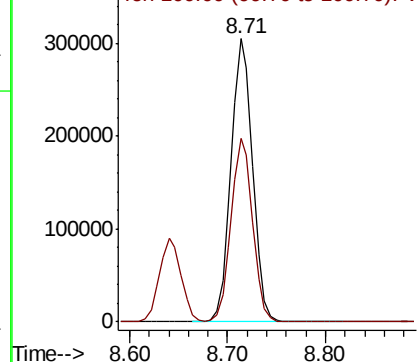


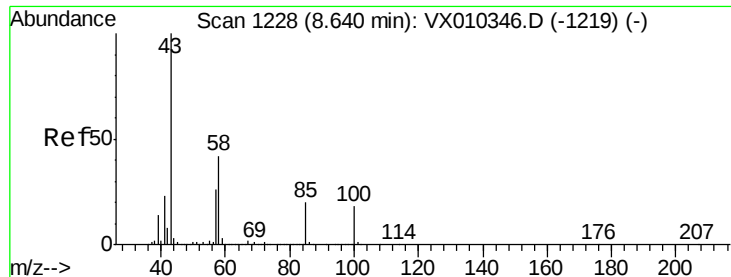
#50
Toluene-d8
Concen: 56.403 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 98 Resp: 465682
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



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

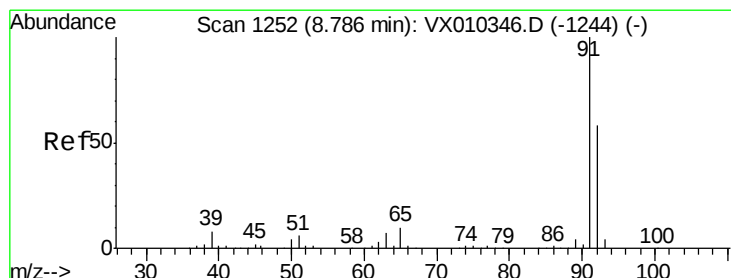
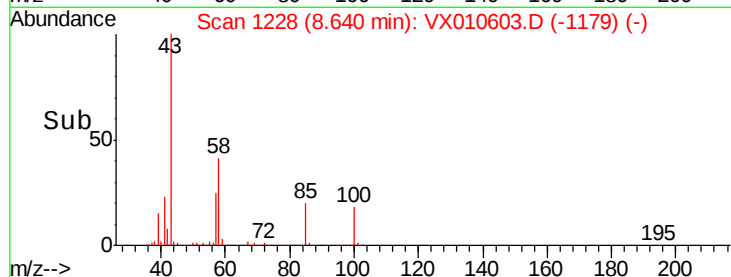
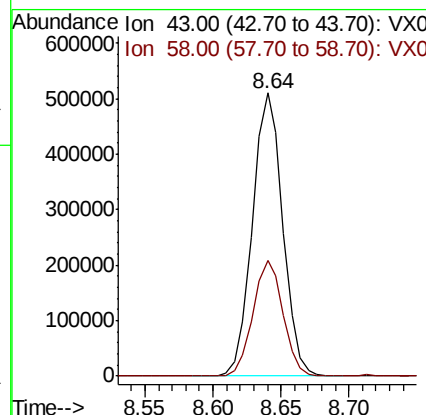
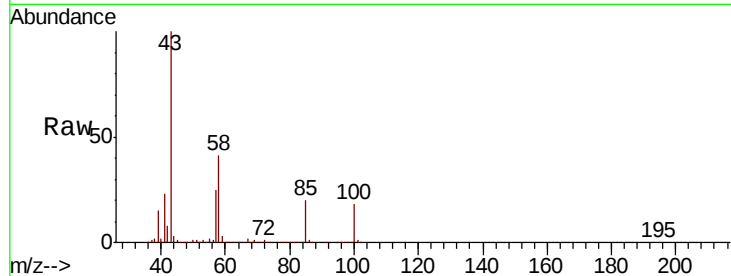




#51
 4-Methyl-2-Pentanone
 Concen: 261.191 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

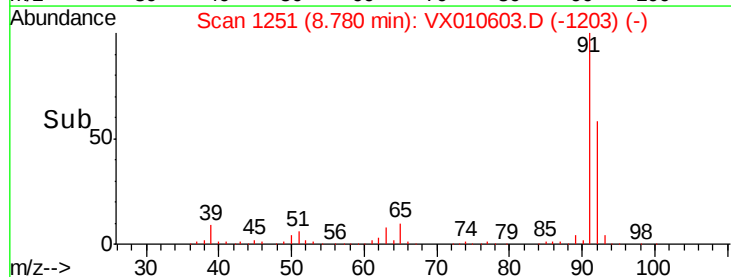
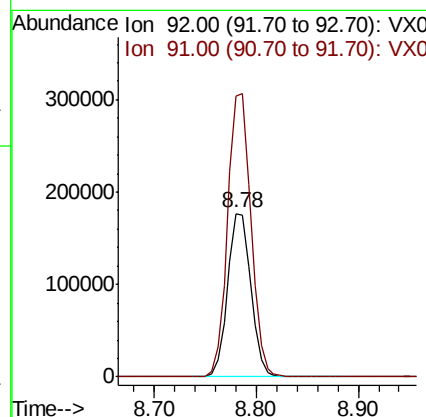
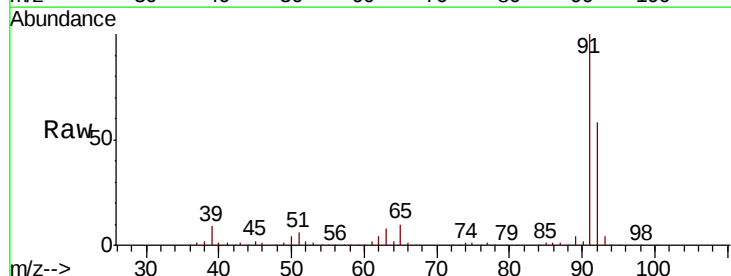
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

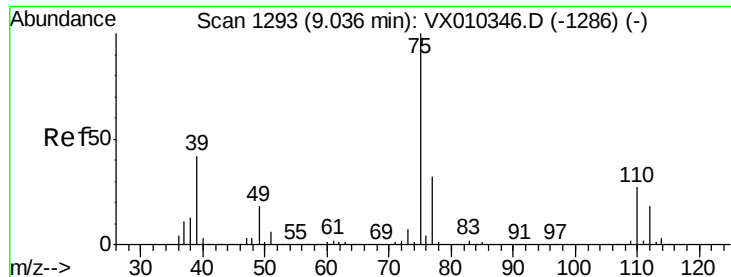
Tot Ion: 43 Resp: 796932
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.5 50.3



#52
 Toluene
 Concen: 48.568 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion: 92 Resp: 279294
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.8 209.6

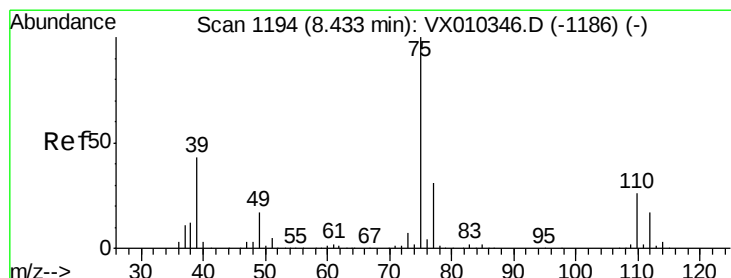
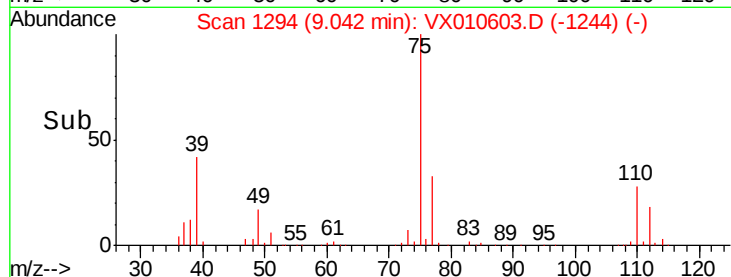
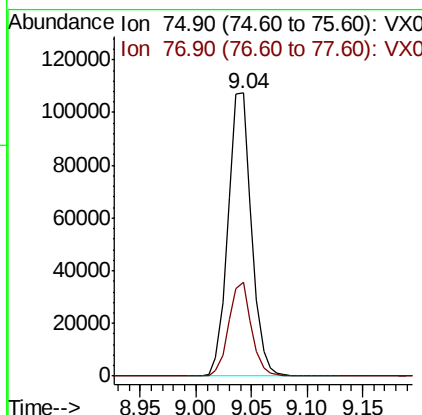
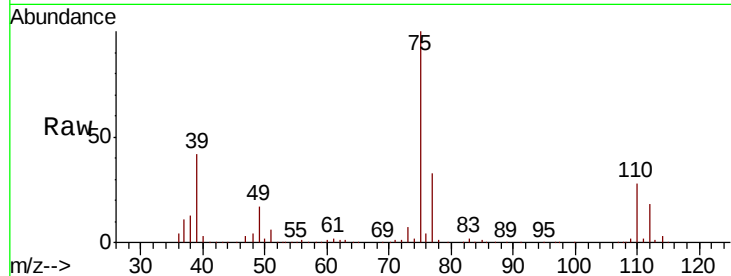




#53
 t-1,3-Dichloropropene
 Concen: 48.178 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

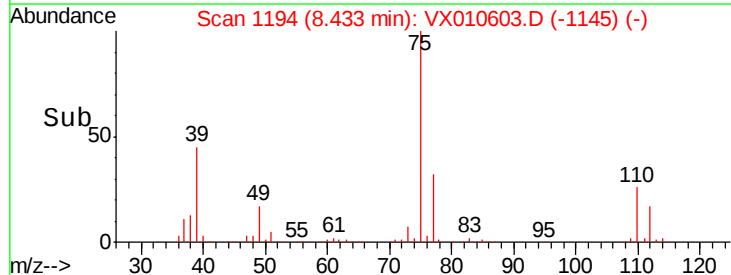
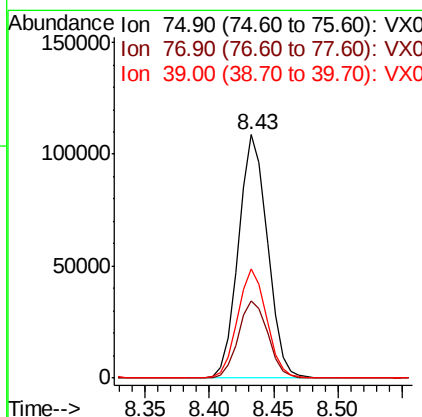
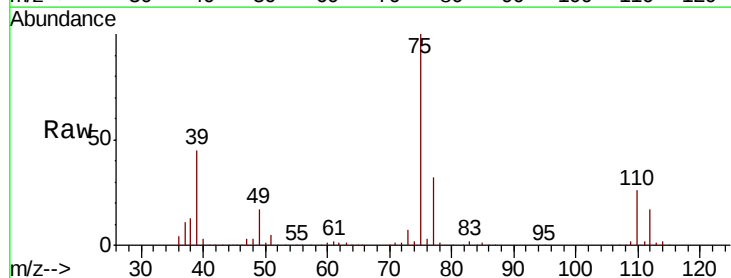
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

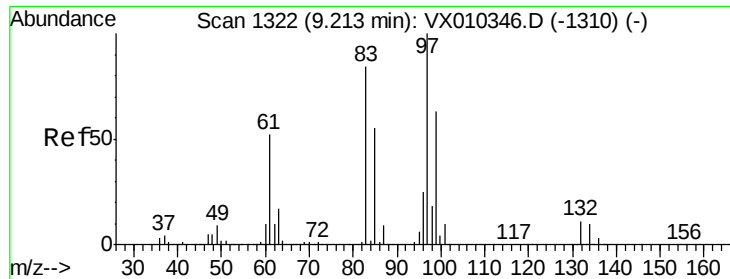
Tot Ion: 75 Resp: 156614
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.069 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion: 75 Resp: 169808
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 44.8 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 50.288 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

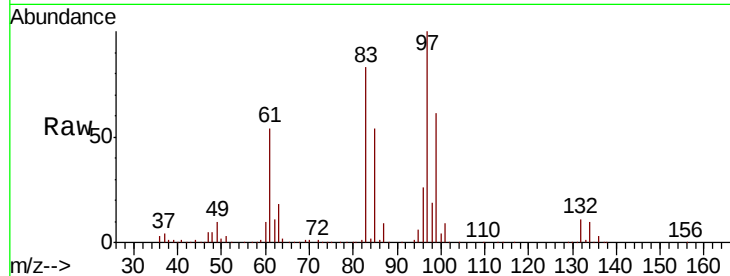
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 119265

Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.4	101.0
85	54.1	43.8	65.8
99	61.3	50.3	75.5

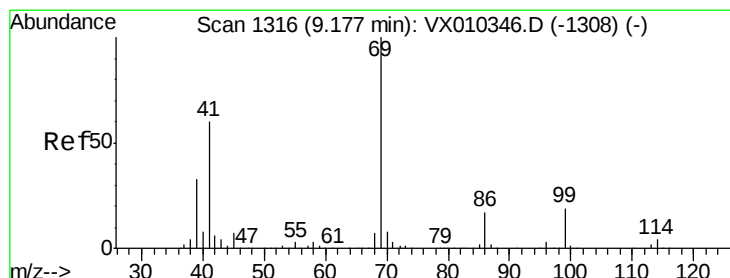
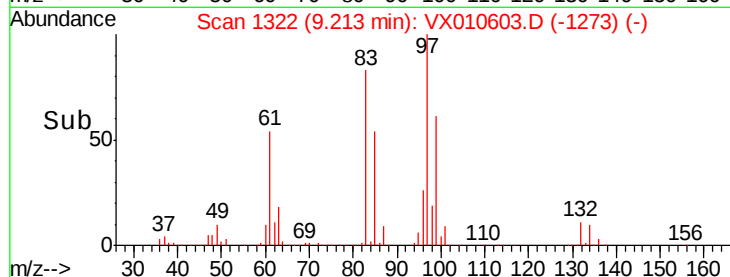


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.280 ug/l

RT: 9.18 min Scan# 1316

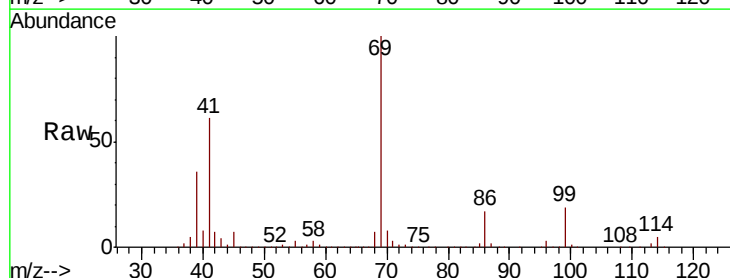
Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Tgt Ion: 69 Resp: 184236

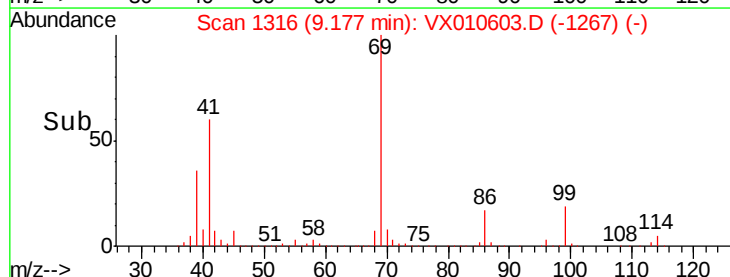
Ion	Ratio	Lower	Upper
69	100		
41	60.4	47.1	70.7
39	35.9	26.6	40.0

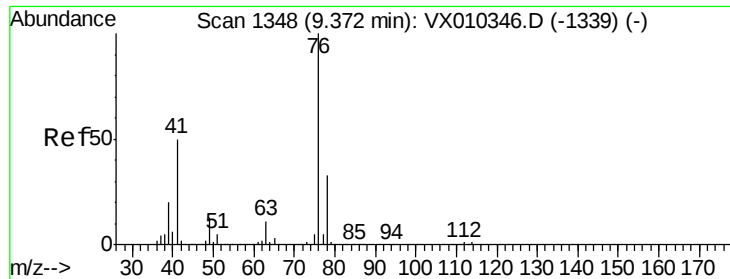


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

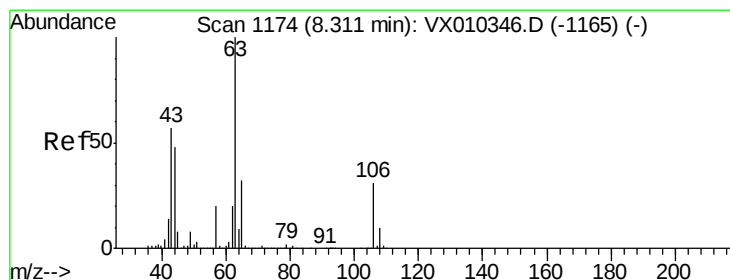
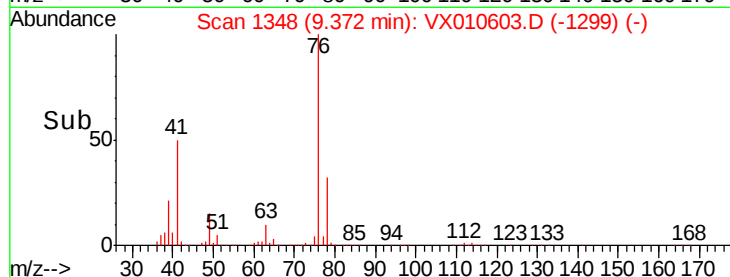
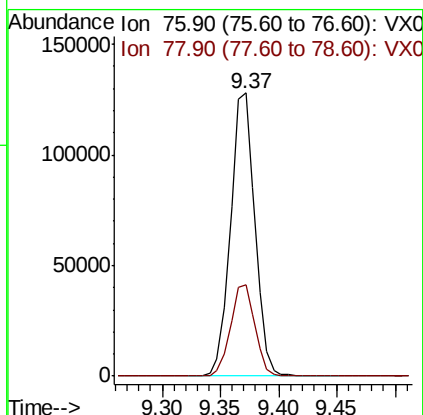
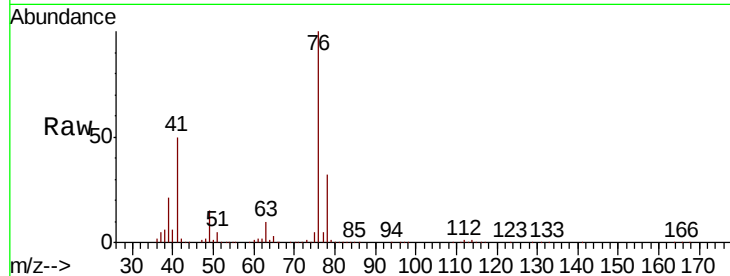




#57
 1,3-Dichloropropane
 Concen: 50.647 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

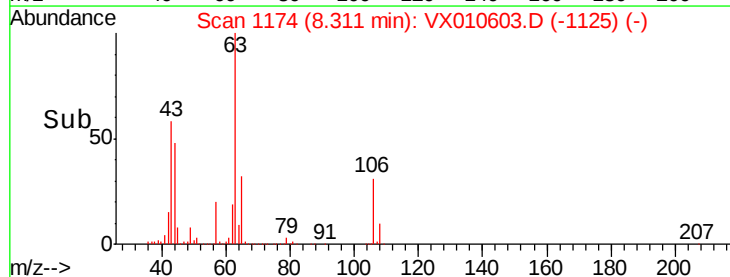
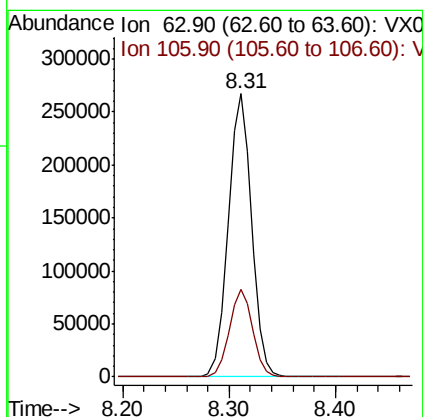
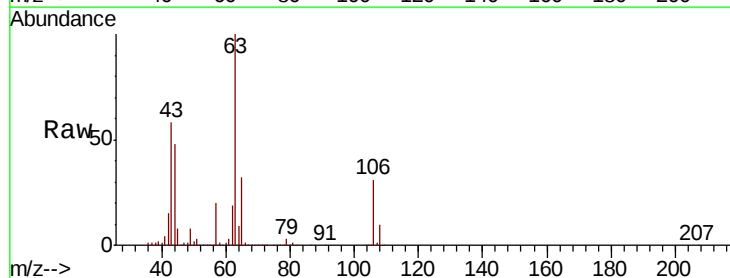
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 186458
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.008 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion: 63 Resp: 409522
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.7 37.1

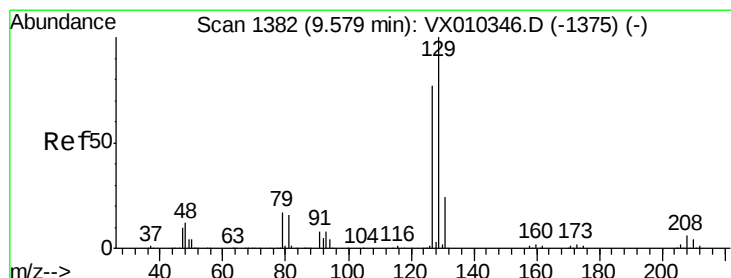
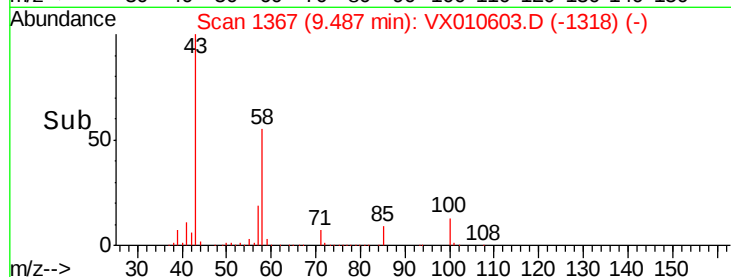
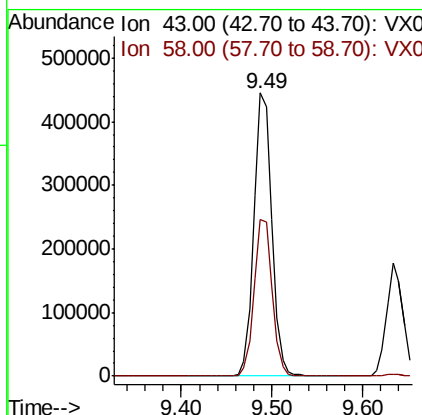
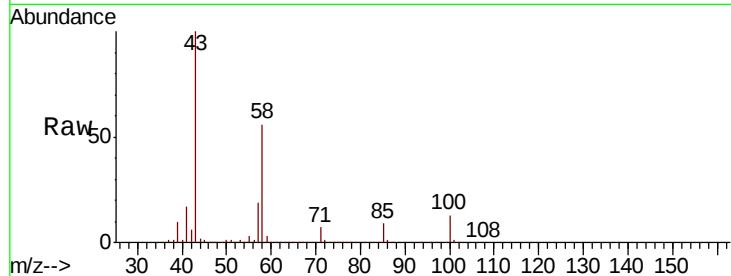




#59
2-Hexanone
Concen: 253.650 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

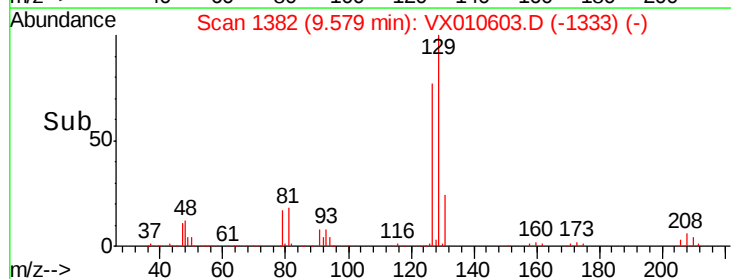
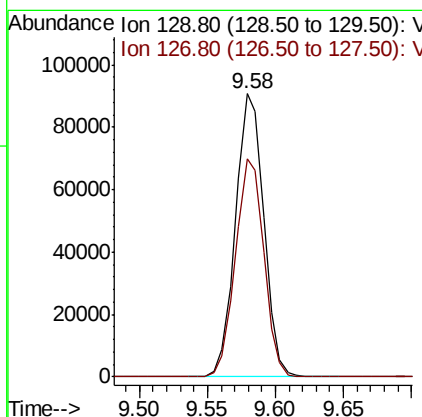
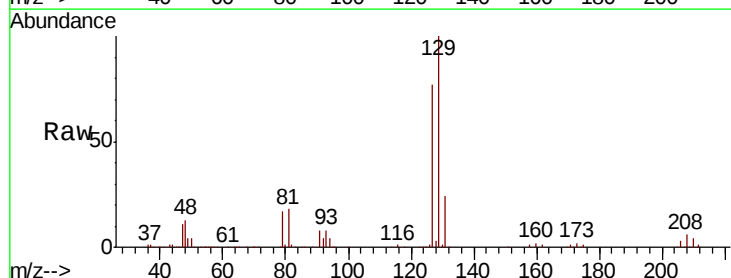
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

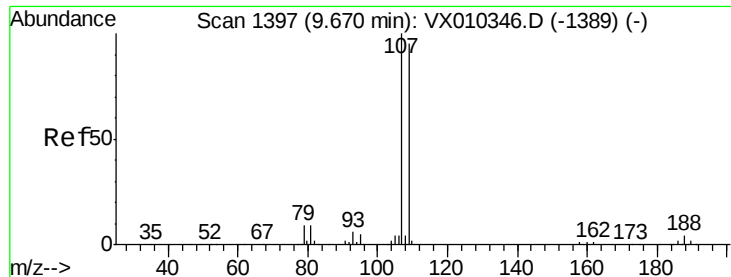
Tot Ion: 43 Resp: 609107
Ion Ratio Lower Upper
43 100
58 56.2 29.0 87.1



#60
Dibromochloromethane
Concen: 49.441 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 129 Resp: 131288
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 49.554 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

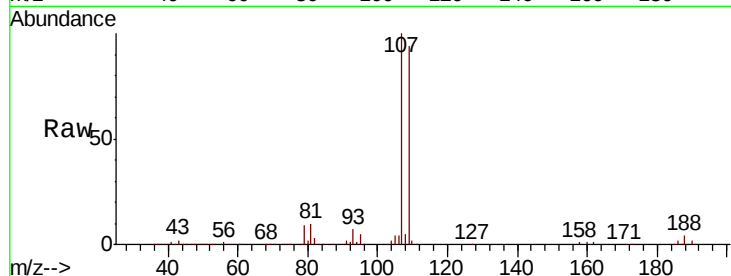
VSTDCCC050EC

Tot Ion:107 Resp: 126854

Ion Ratio Lower Upper

107 100

109 96.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

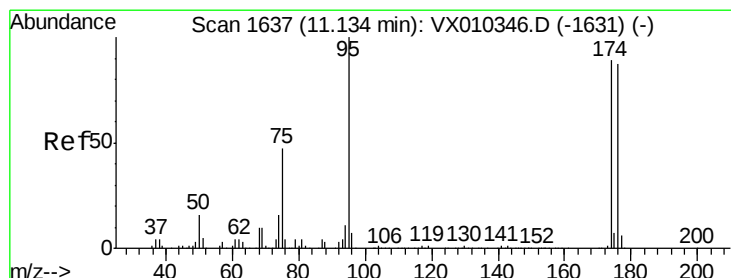
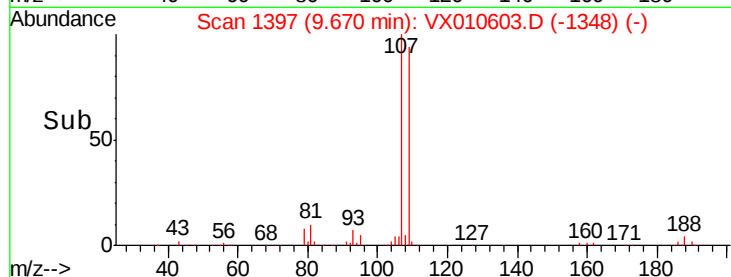
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.220 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

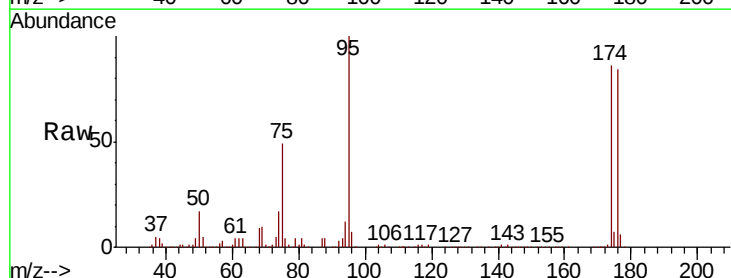
Tgt Ion: 95 Resp: 170559

Ion Ratio Lower Upper

95 100

174 92.8 0.0 187.6

176 92.0 0.0 184.0



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

11.13

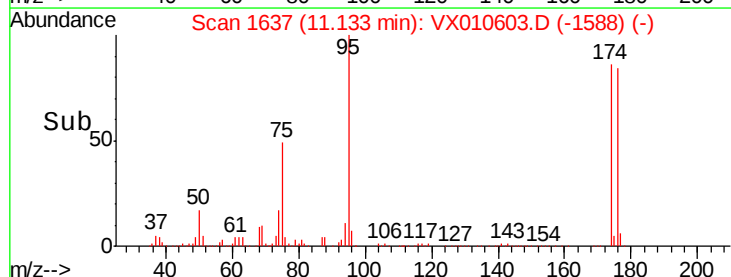
150000

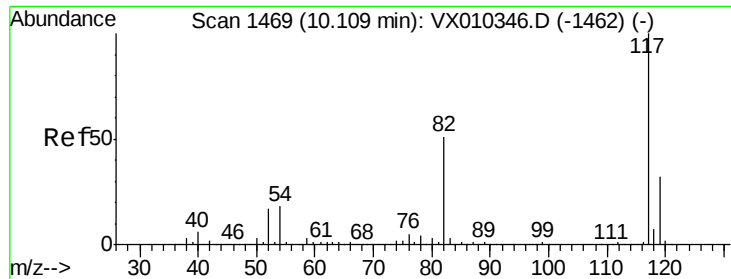
100000

50000

0

Time-->

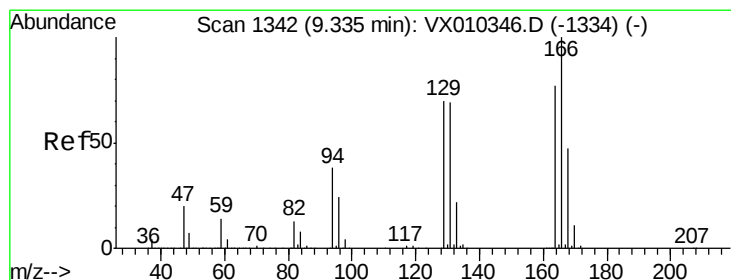
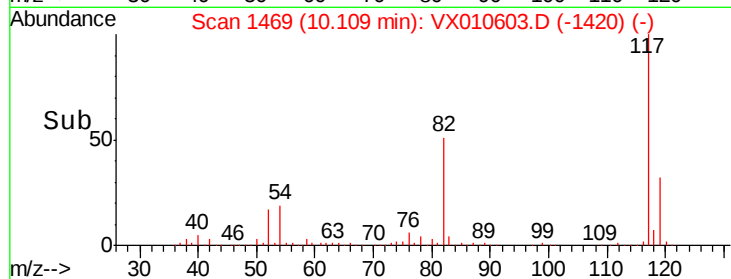
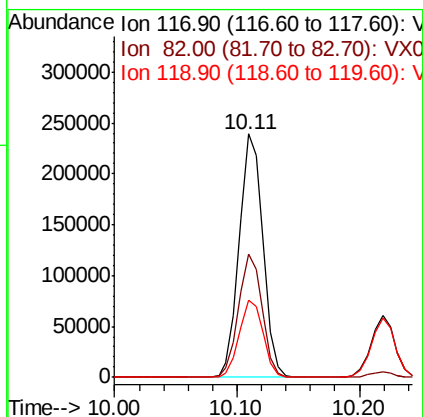
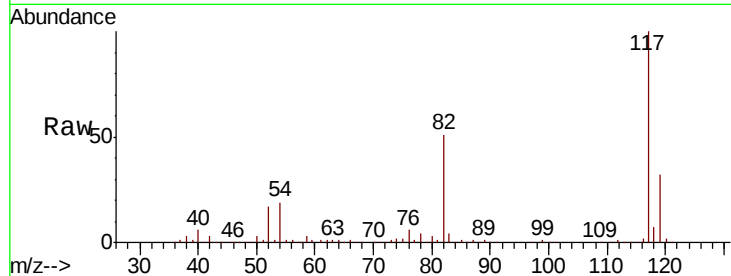




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

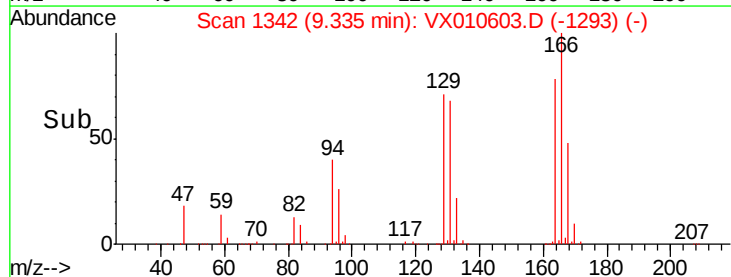
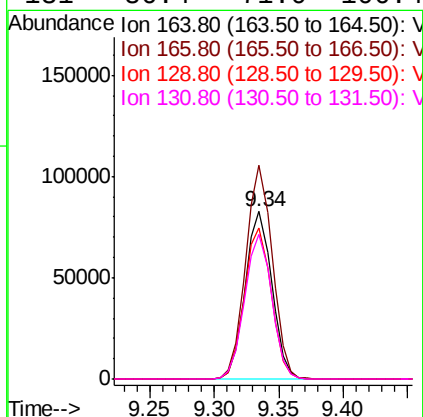
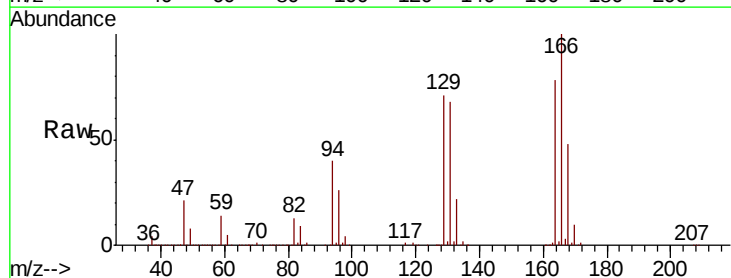
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

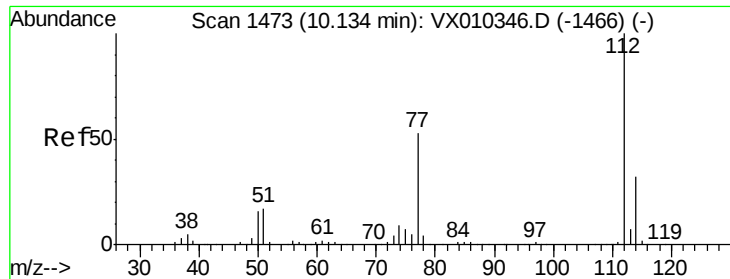
Tot Ion:117 Resp: 319804
Ion Ratio Lower Upper
117 100
82 50.6 41.2 61.8
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 45.517 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion:164 Resp: 117738
Ion Ratio Lower Upper
164 100
166 127.5 103.6 155.4
129 89.9 73.0 109.4
131 86.4 71.0 106.4

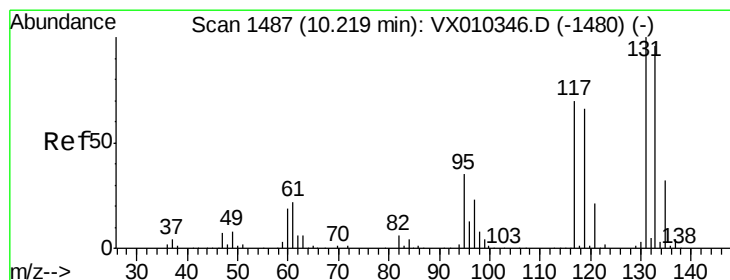
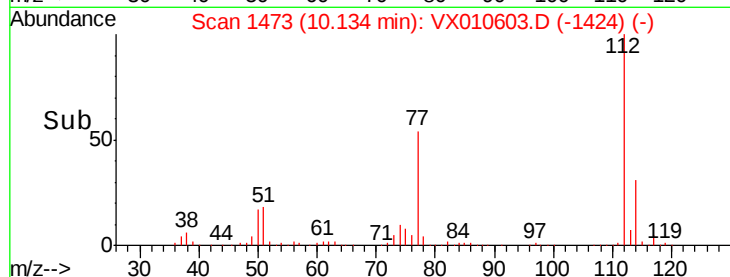
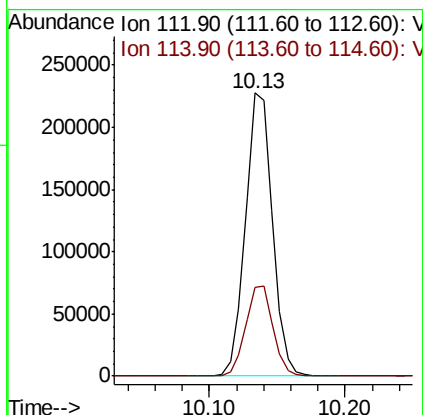
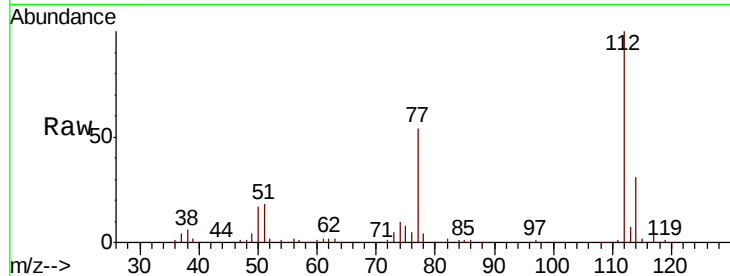




#65
Chlorobenzene
Concen: 48.681 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

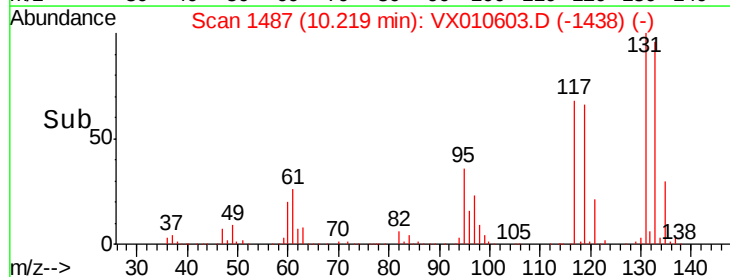
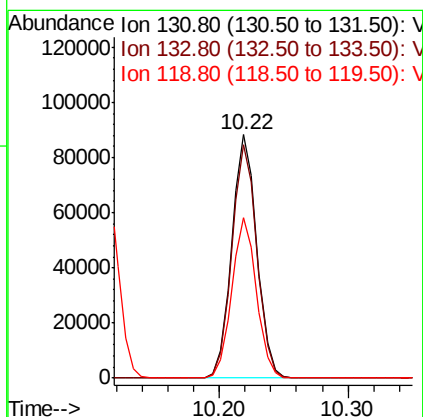
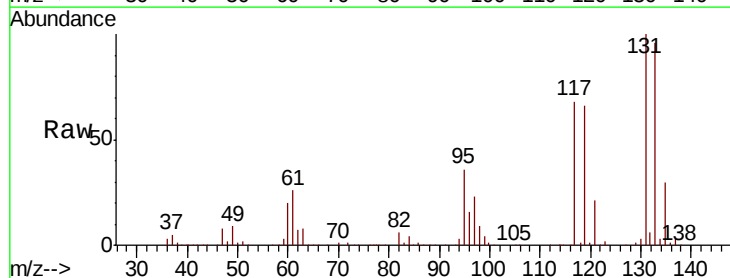
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

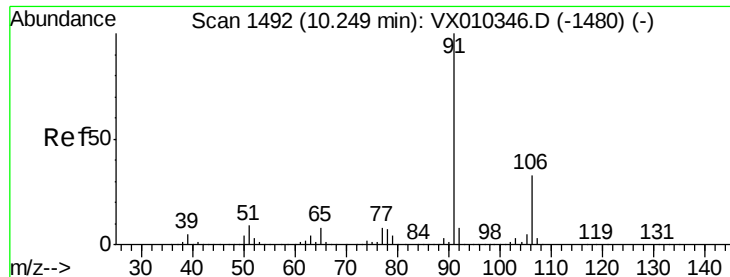
Tot Ion:112 Resp: 316071
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.677 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion:131 Resp: 119849
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 65.0 32.6 97.7

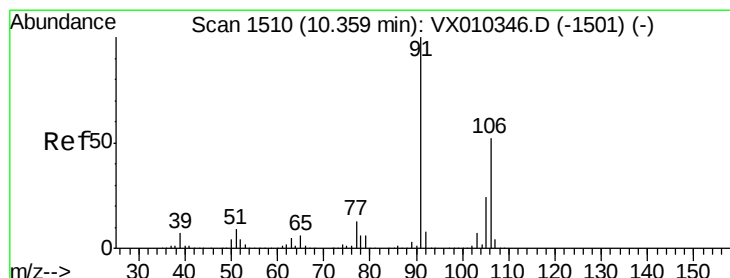
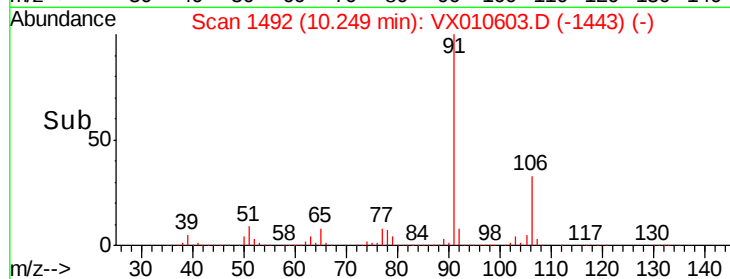
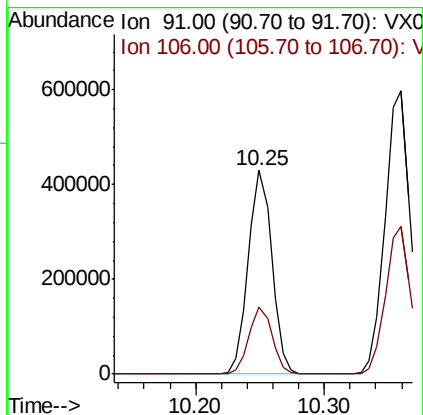
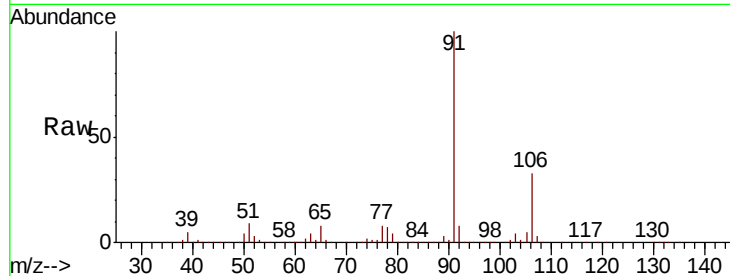




#67
Ethyl Benzene
Concen: 49.522 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

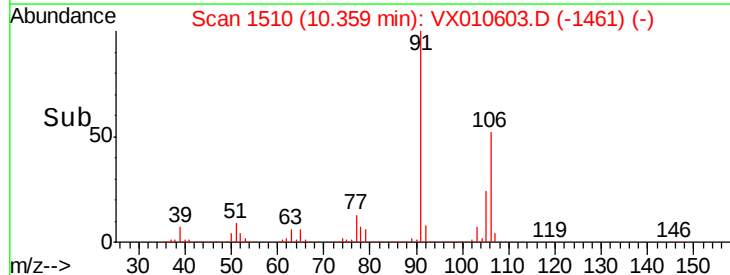
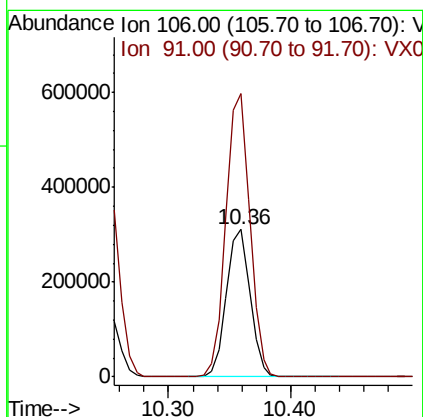
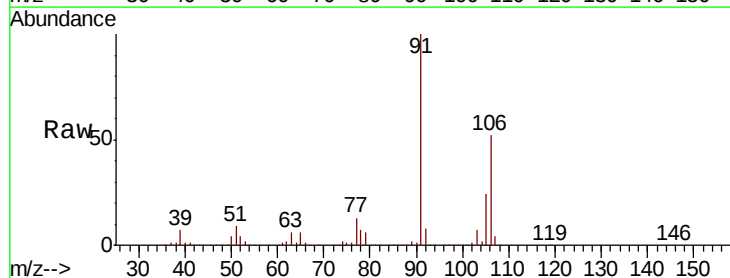
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

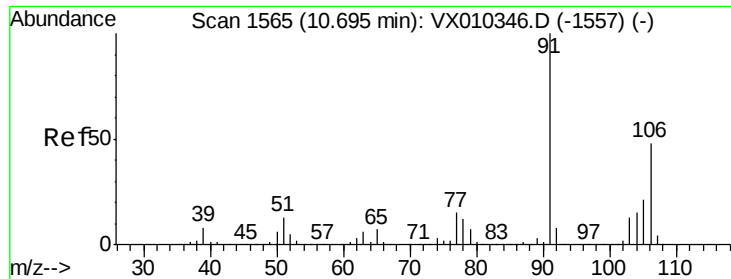
Tot Ion: 91 Resp: 542806
Ion Ratio Lower Upper
91 100
106 32.8 26.2 39.2



#68
m/p-Xylenes
Concen: 98.195 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 106 Resp: 417043
Ion Ratio Lower Upper
106 100
91 194.3 155.3 232.9

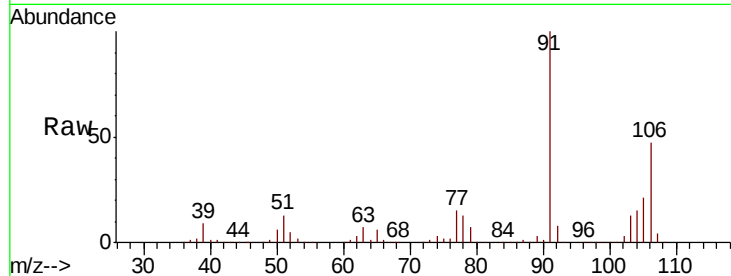




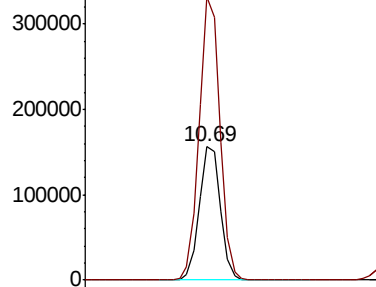
#69
o-Xylene
Concen: 49.088 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

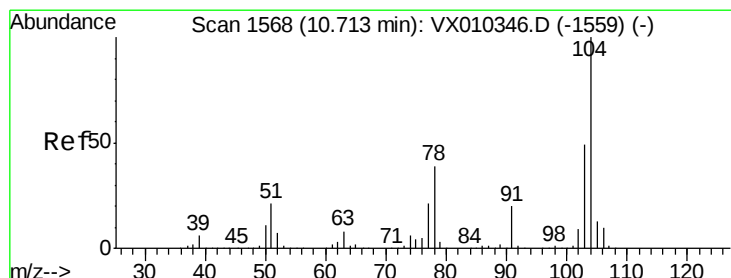
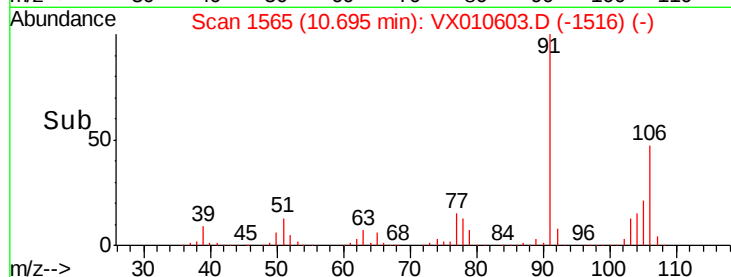
Tot Ion:106 Resp: 205021
Ion Ratio Lower Upper
106 100
91 207.8 102.7 308.1



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

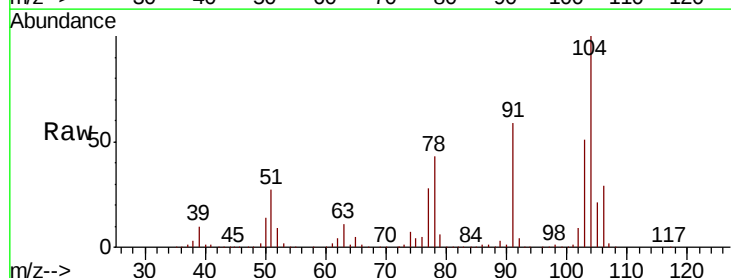


Time-->

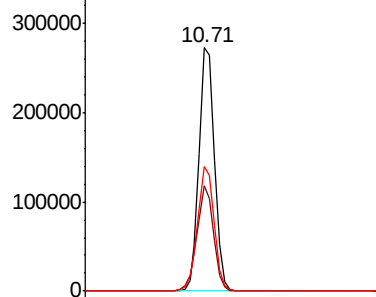


#70
Styrene
Concen: 50.920 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

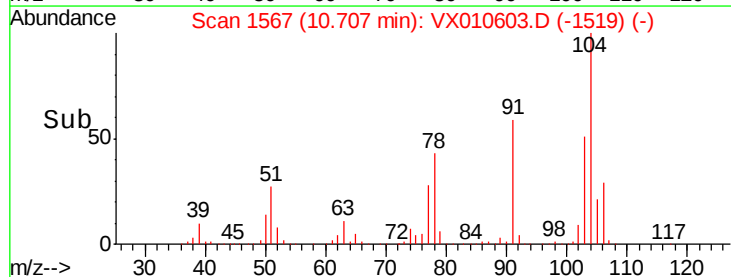
Tgt Ion:104 Resp: 356666
Ion Ratio Lower Upper
104 100
78 46.3 36.2 54.2
103 54.7 44.2 66.4



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



Time-->





#71

Bromoform

Concen: 48.519 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

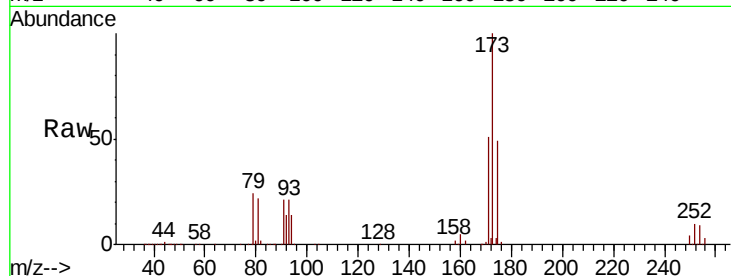
Tot Ion:173 Resp: 99786

Ion Ratio Lower Upper

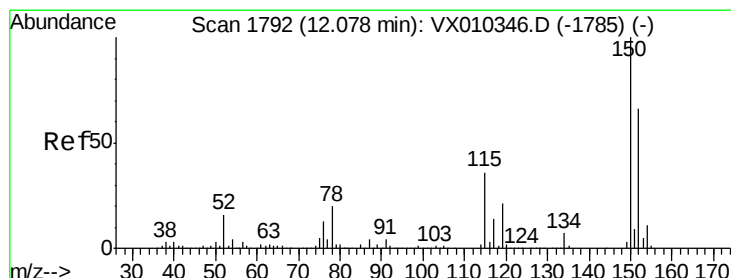
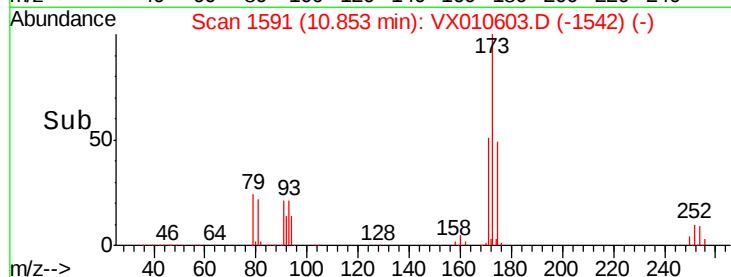
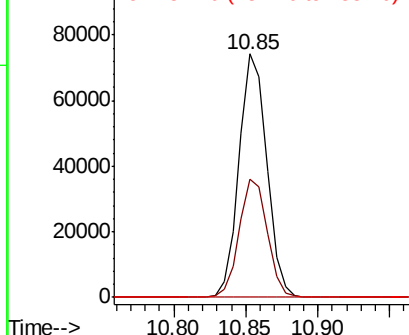
173 100

175 49.2 24.1 72.3

254 0.2 0.2 0.2



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

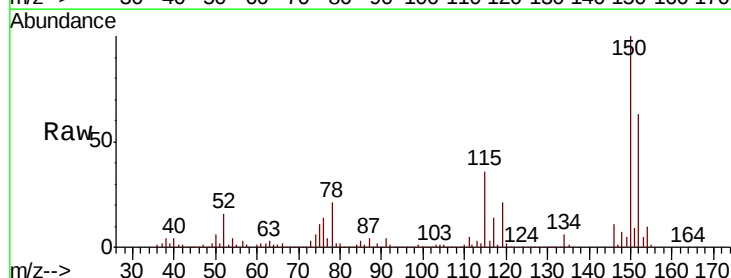
Tgt Ion:152 Resp: 164326

Ion Ratio Lower Upper

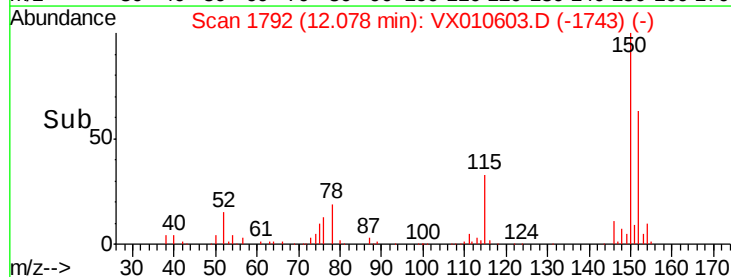
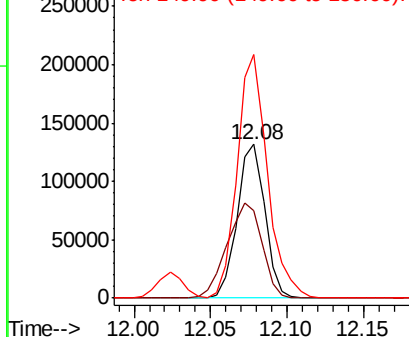
152 100

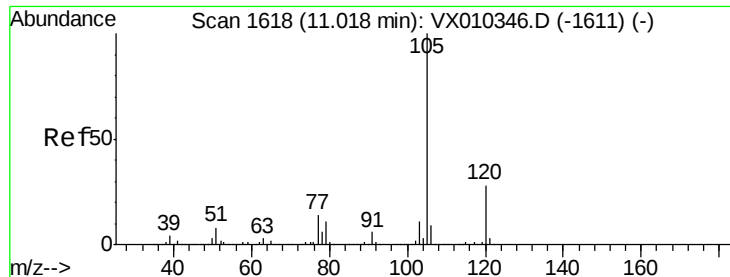
115 77.8 38.6 115.7

150 173.4 0.0 347.4



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: 49.160 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

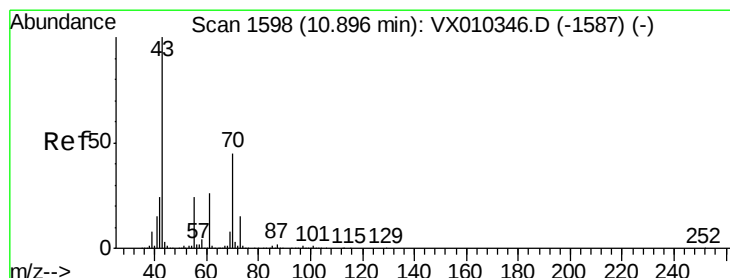
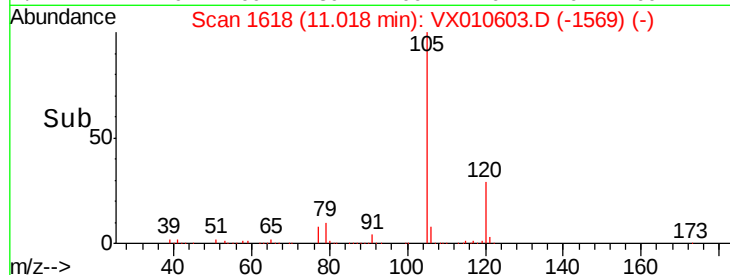
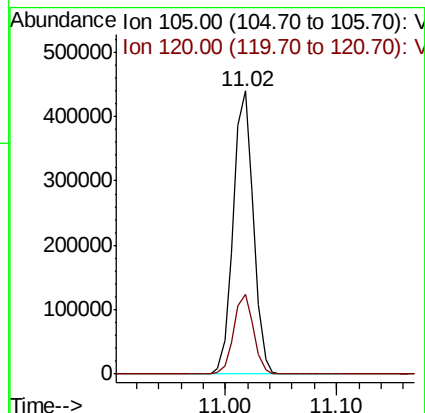
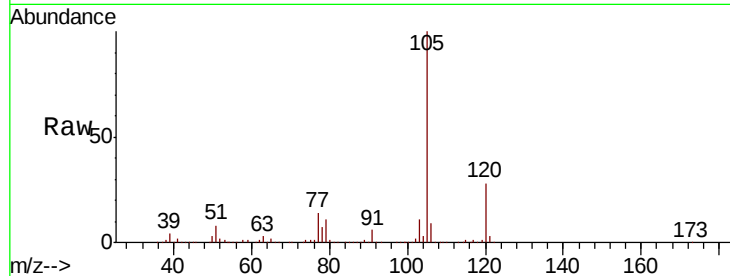
VSTDCCC050EC

Tot Ion:105 Resp: 547607

Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.4



#74

N-ethyl acetate

Concen: 51.507 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Tgt Ion: 43 Resp: 216832

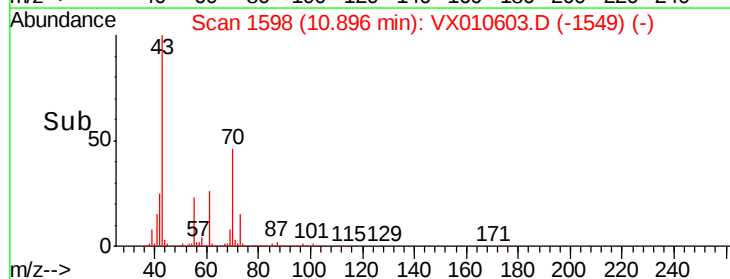
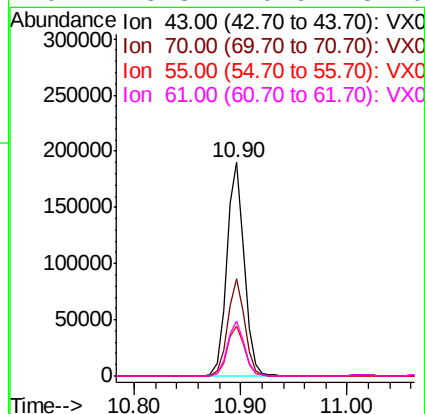
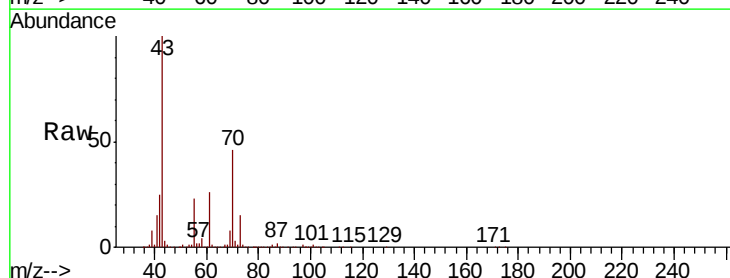
Ion Ratio Lower Upper

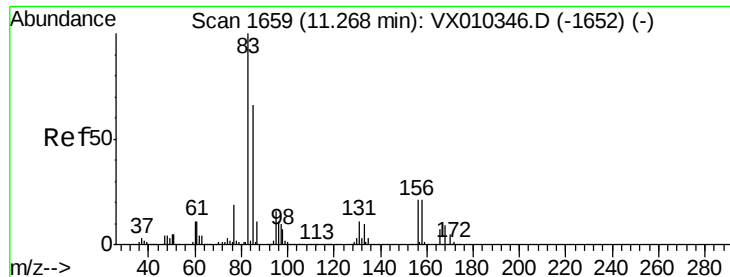
43 100

70 45.0 36.6 54.8

55 23.5 18.7 28.1

61 25.3 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.660 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

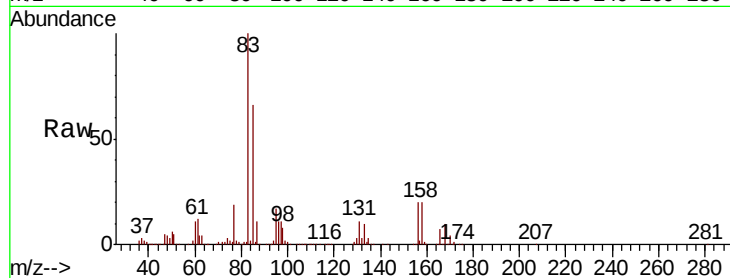
Tot Ion: 83 Resp: 183199

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

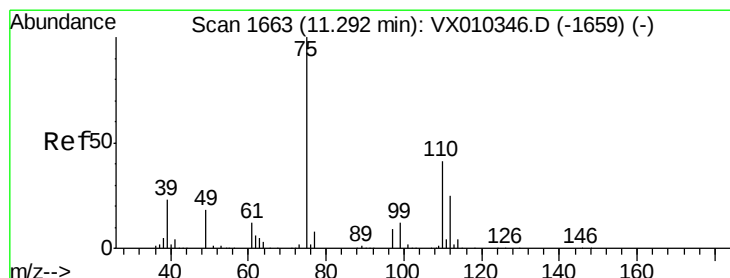
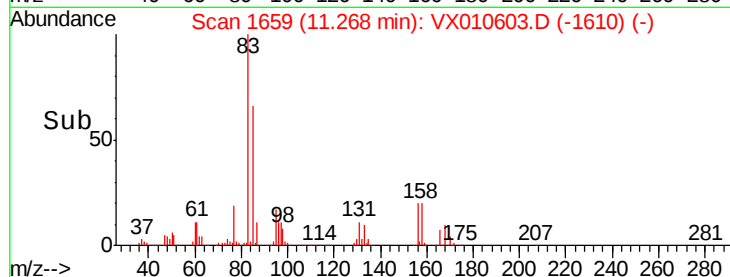
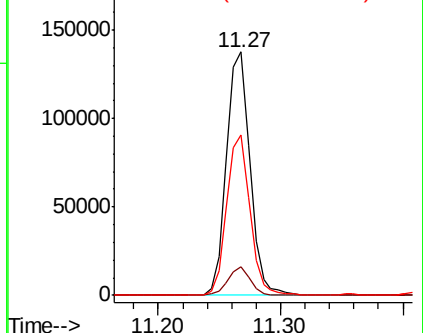
85 65.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.113 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010603.D

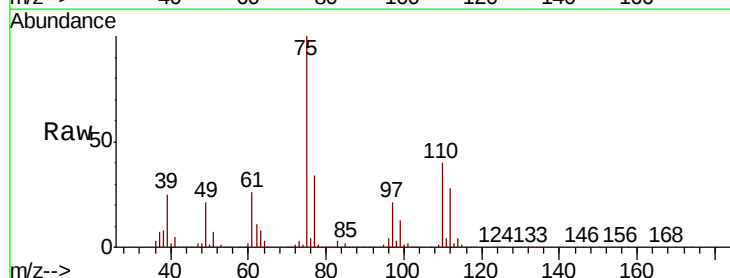
Acq: 01 Jul 2019 20:01

Tgt Ion: 75 Resp: 203962

Ion Ratio Lower Upper

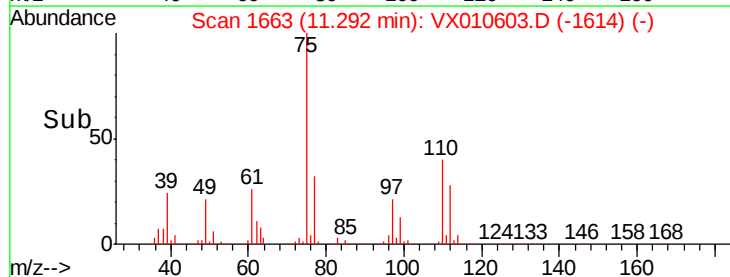
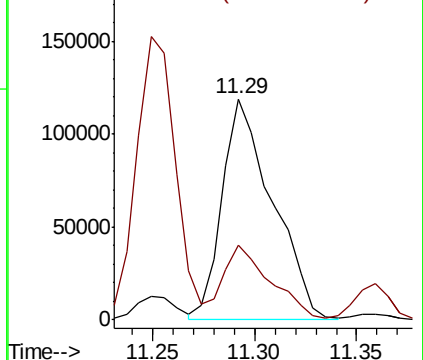
75 100

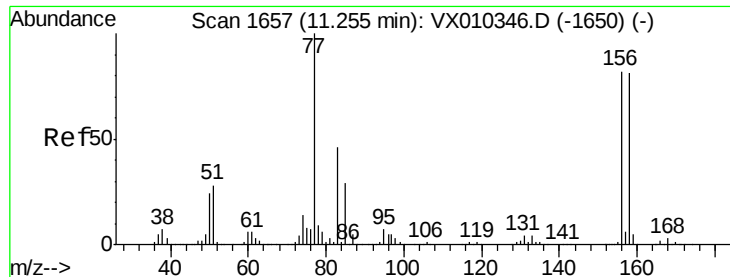
77 31.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.517 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010603.D

Acq: 01 Jul 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

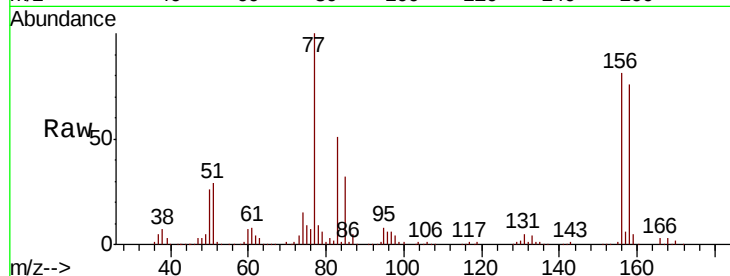
Tot Ion:156 Resp: 150909

Ion Ratio Lower Upper

156 100

77 134.5 66.3 198.7

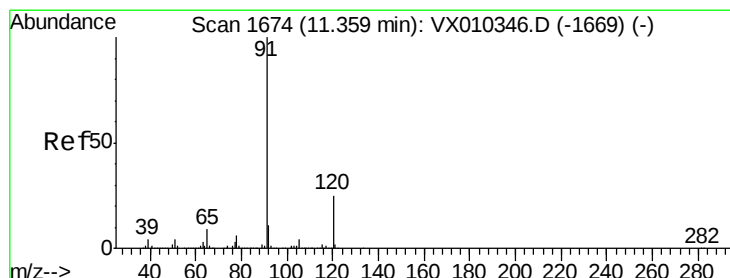
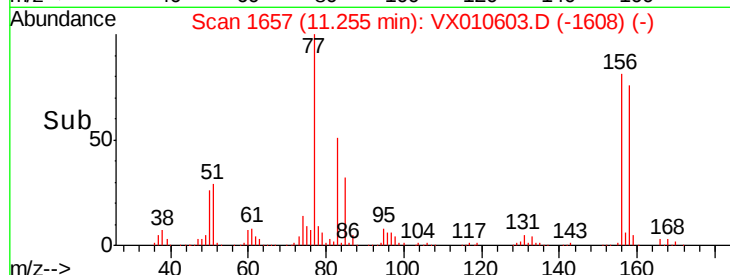
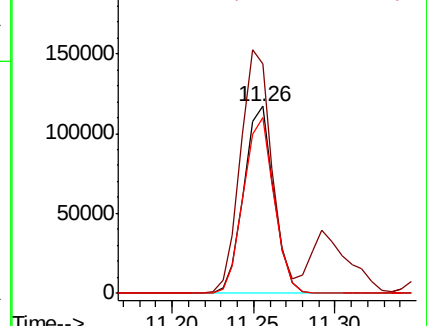
158 95.7 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.232 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010603.D

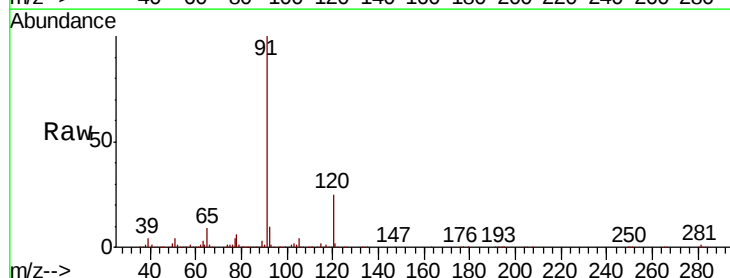
Acq: 01 Jul 2019 20:01

Tgt Ion: 91 Resp: 614966

Ion Ratio Lower Upper

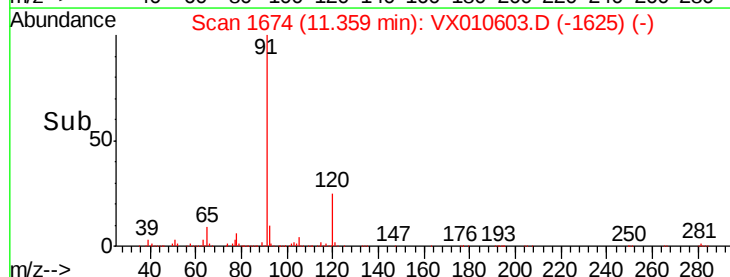
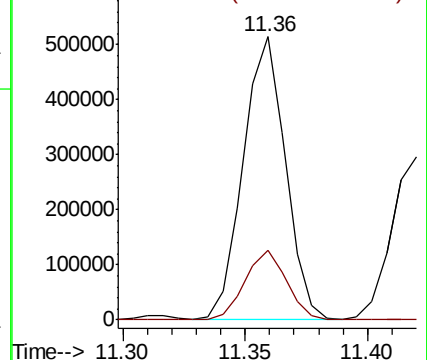
91 100

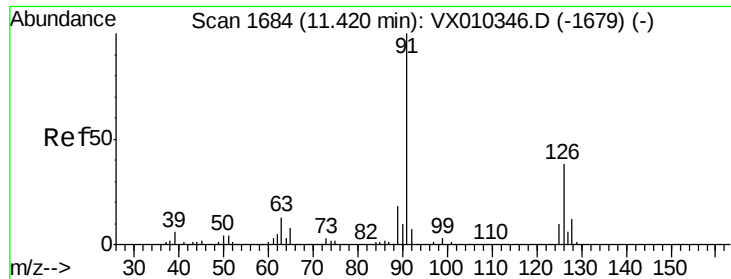
120 24.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

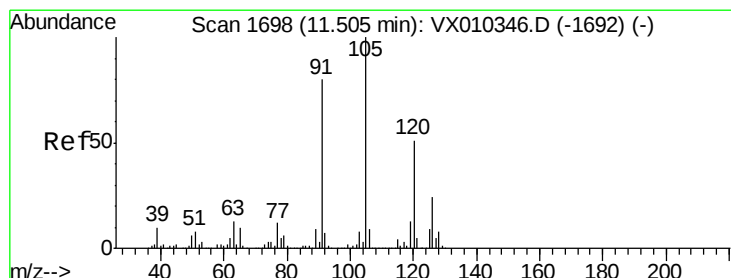
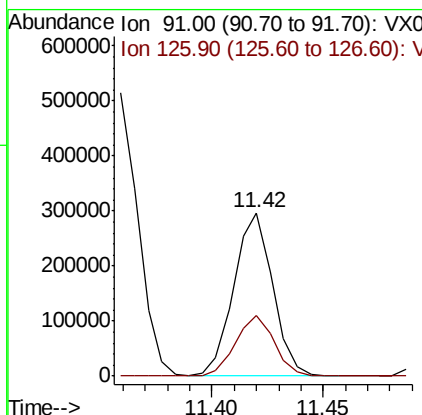
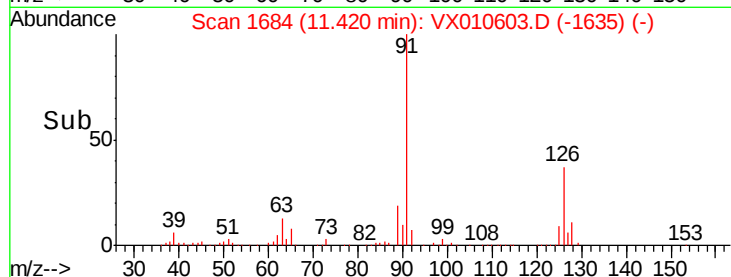
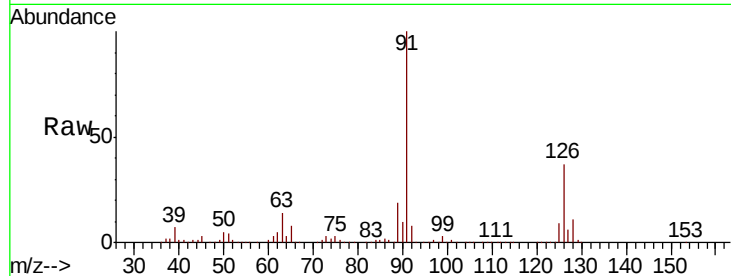




#79
 2-Chlorotoluene
 Concen: 49.445 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

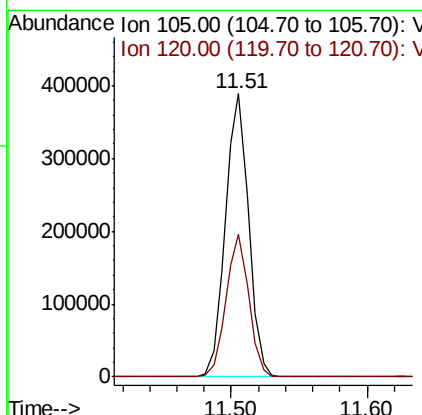
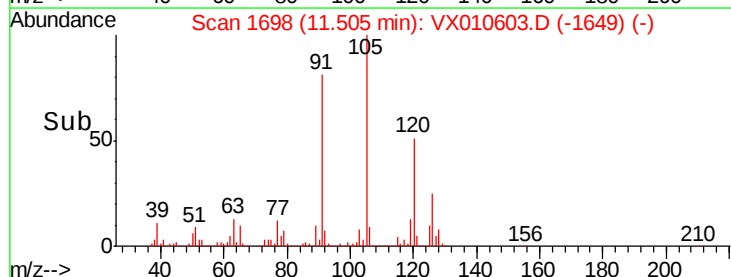
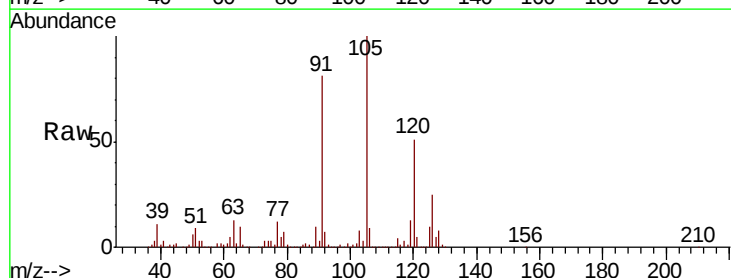
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 360457
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.913 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion: 105 Resp: 458354
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.2 75.6

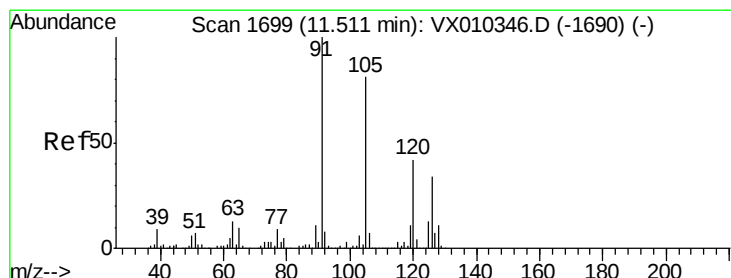
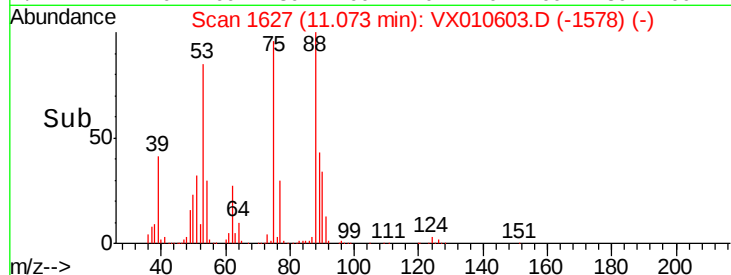
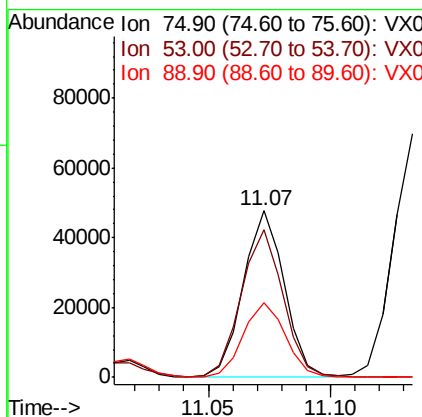
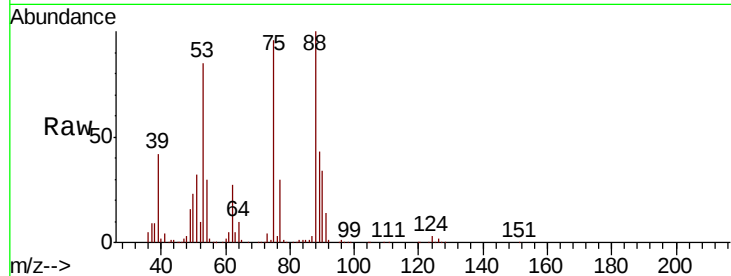




#81
trans-1,4-Dichloro-2-butene
Concen: 43.418 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

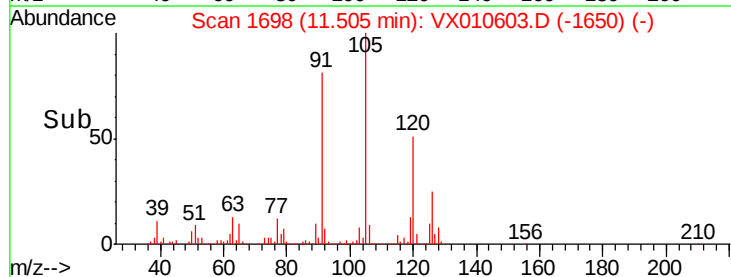
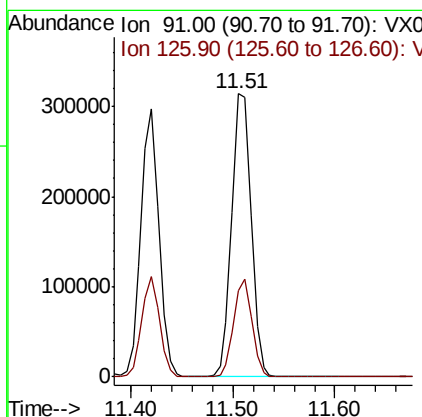
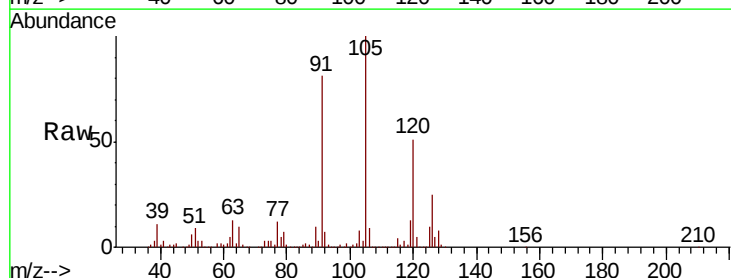
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 55730
Ion Ratio Lower Upper
75 100
53 90.8 66.1 99.1
89 46.3 37.8 56.6



#82
4-Chlorotoluene
Concen: 50.005 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 91 Resp: 414815
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

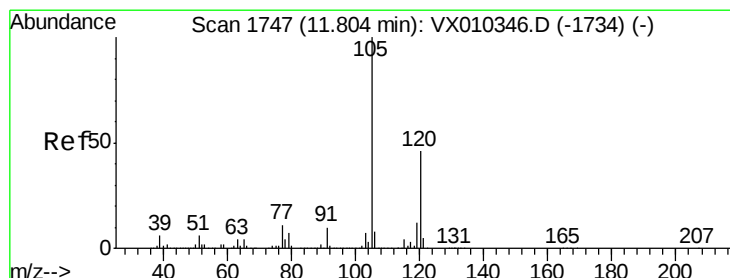
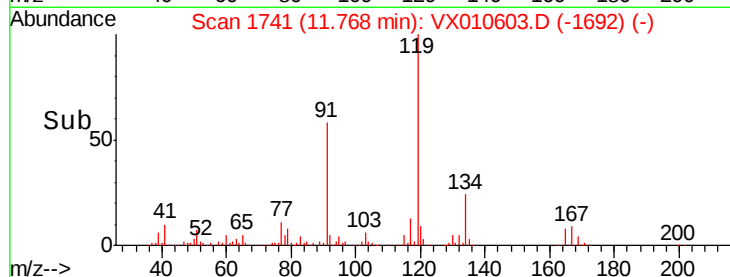
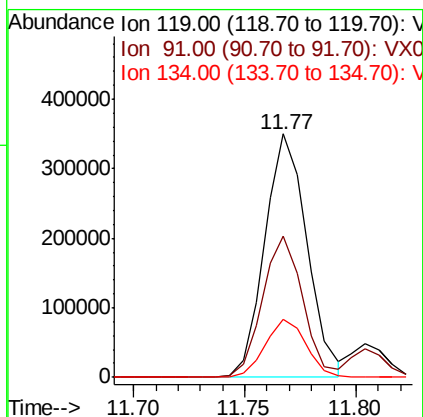
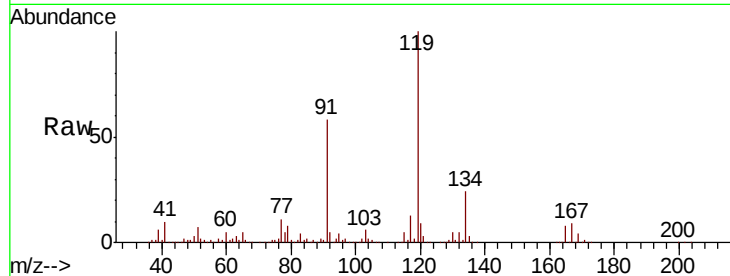




#83
 tert-Butylbenzene
 Concen: 49.979 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

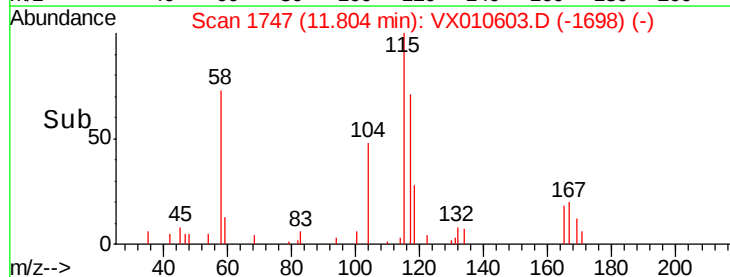
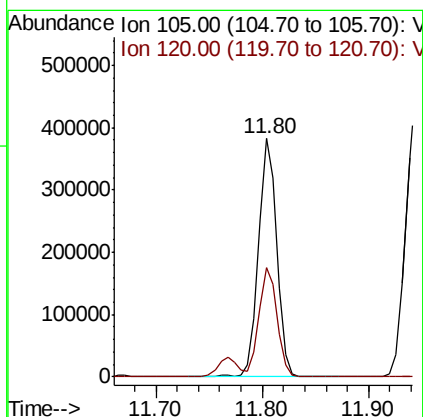
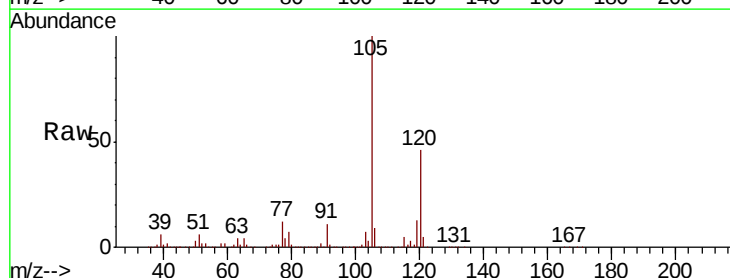
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 460648
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.6 82.7
 134 23.3 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.111 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion:105 Resp: 462327
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.1 69.2

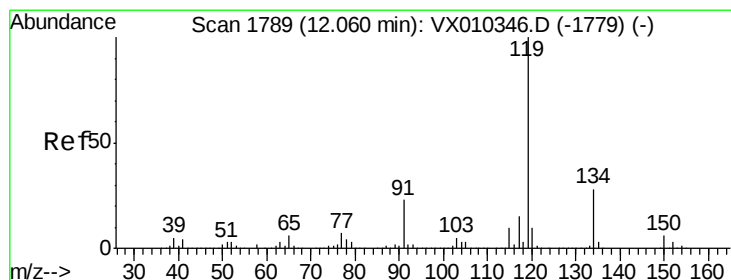
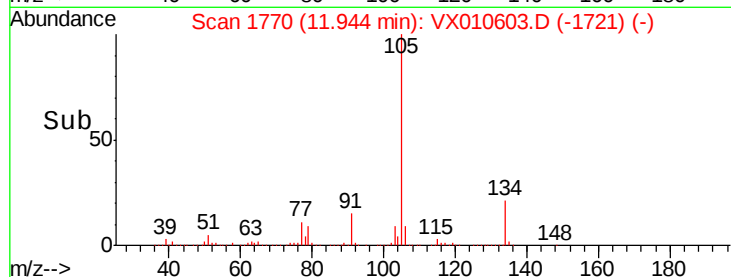
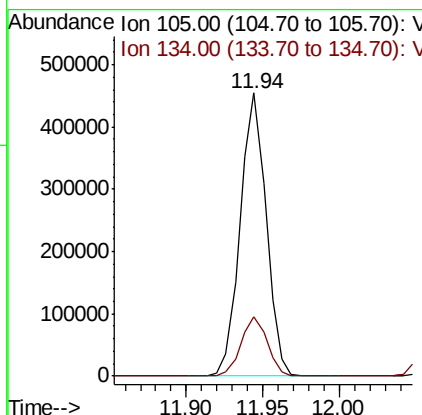
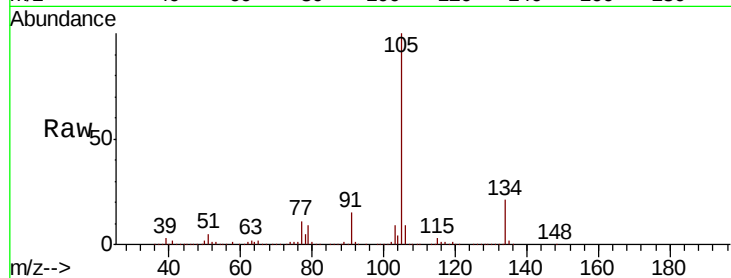




#85
 sec-Butylbenzene
 Concen: 49.513 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

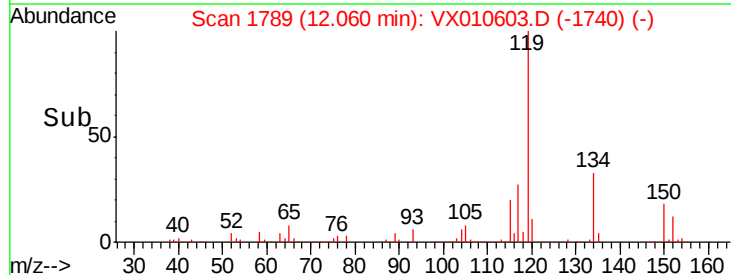
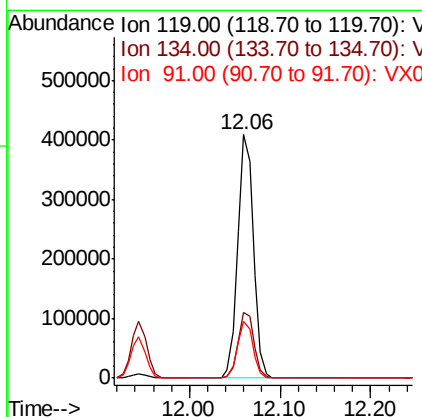
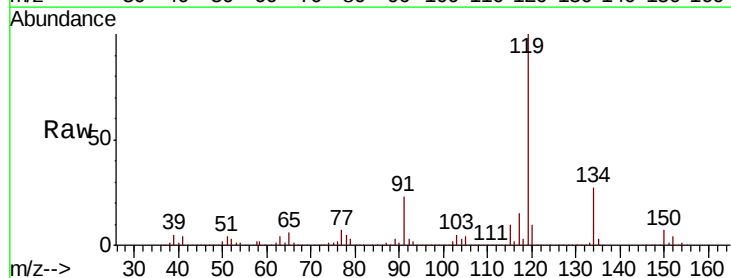
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:105 Resp: 535819
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 49.001 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion:119 Resp: 490497
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.7 41.1
 91 23.0 11.3 33.8

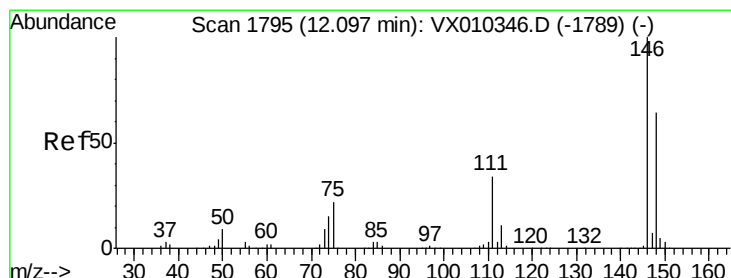
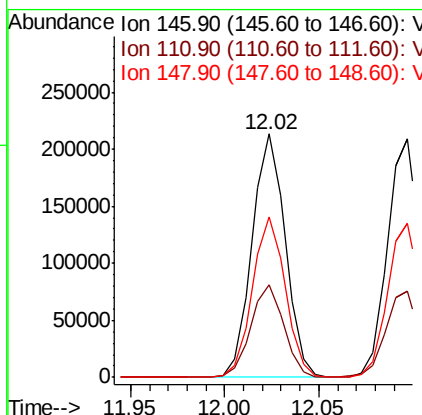
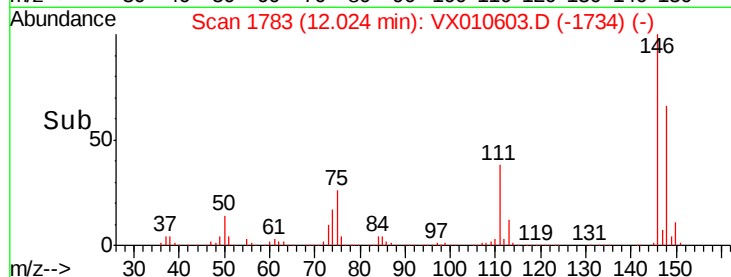
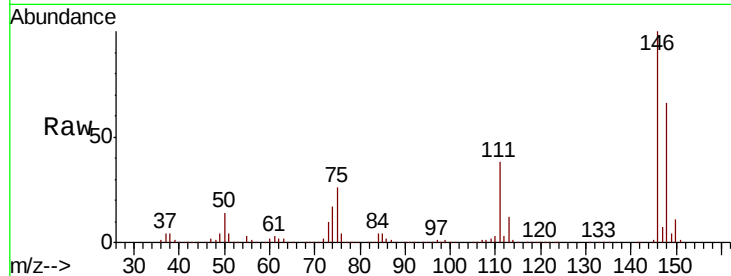




#87
 1,3-Dichlorobenzene
 Concen: 48.065 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

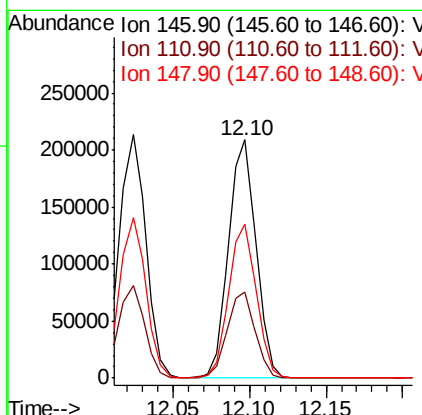
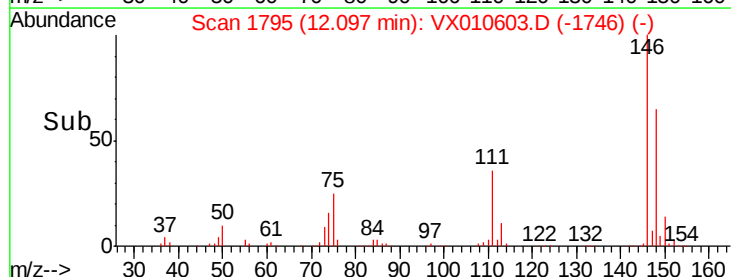
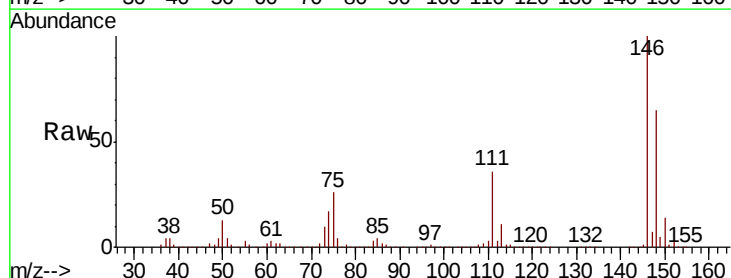
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

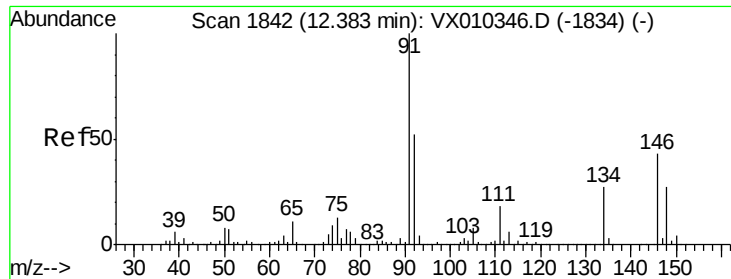
Tot Ion:146 Resp: 260966
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 65.3 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 47.080 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion:146 Resp: 260231
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.3
 148 65.0 32.1 96.3

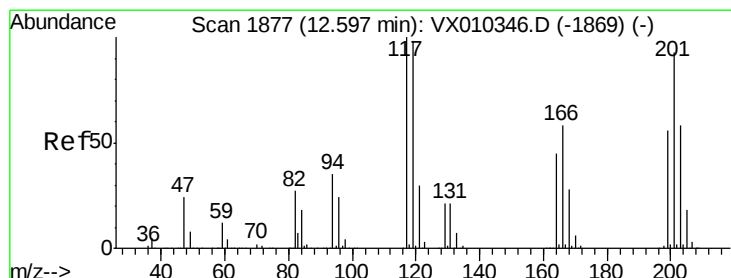
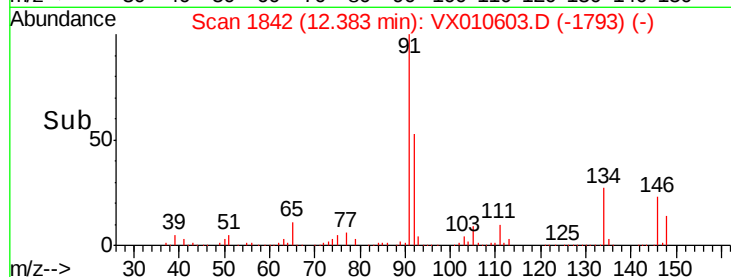
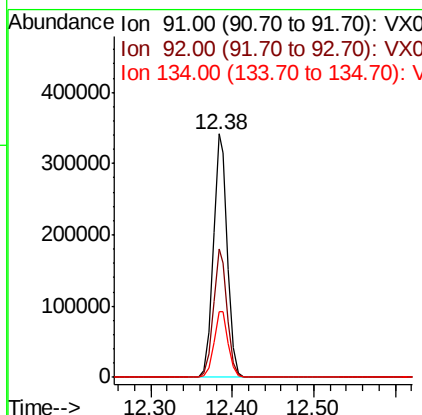
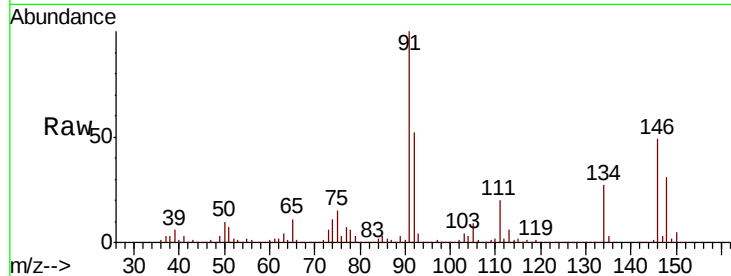




#89
n-Butylbenzene
Concen: 48.974 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

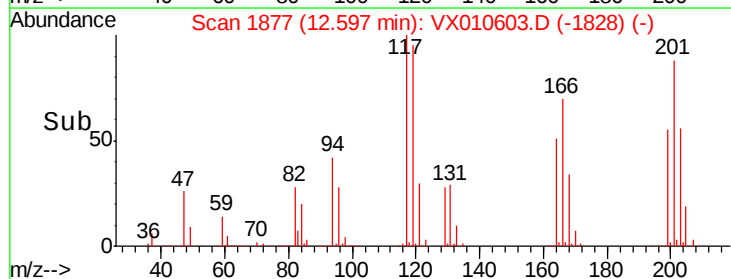
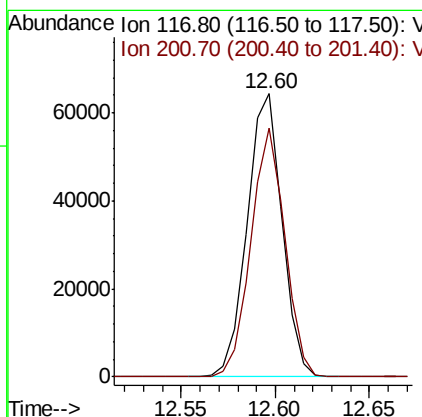
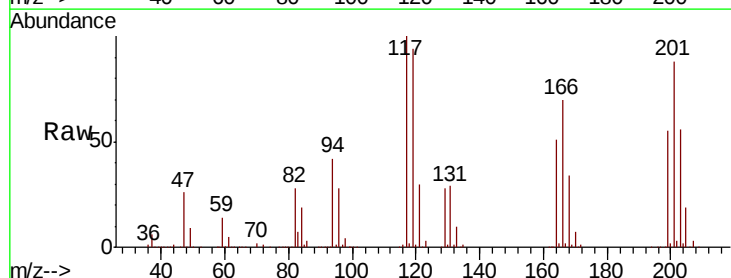
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 416571
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.5
134 27.7 14.1 42.4



#90
Hexachloroethane
Concen: 47.647 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion: 117 Resp: 82469
Ion Ratio Lower Upper
117 100
201 85.5 44.0 131.8

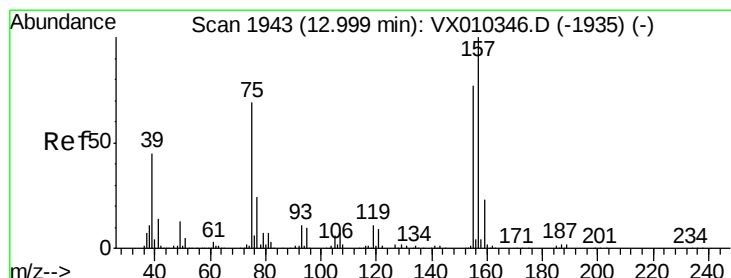
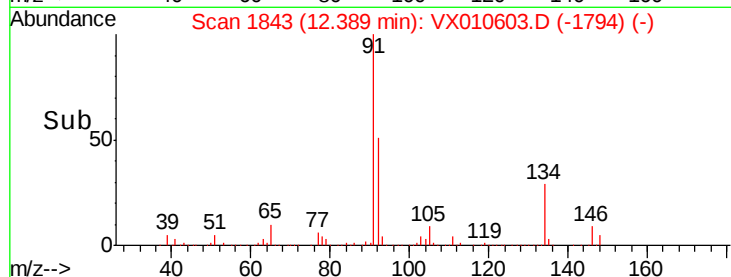
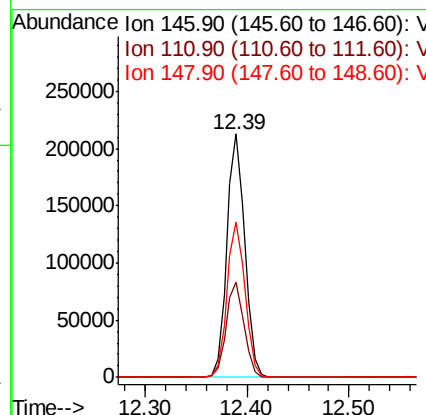
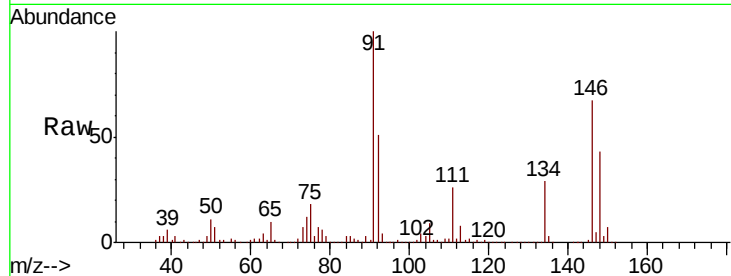




#91
 1,2-Dichlorobenzene
 Concen: 48.222 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

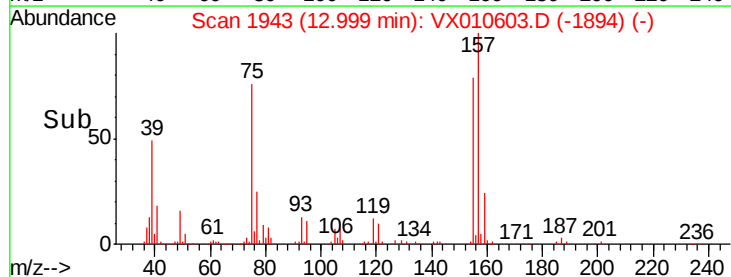
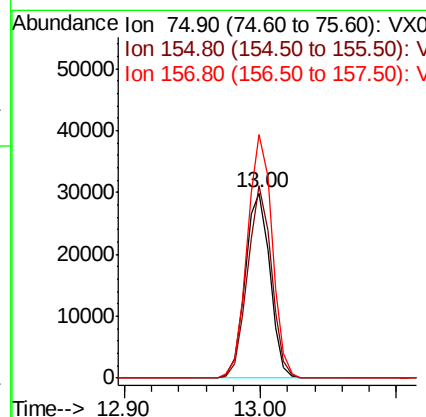
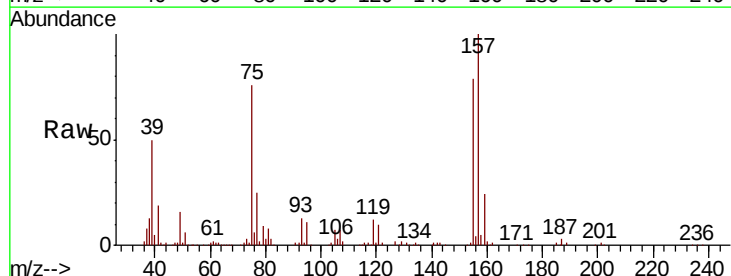
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 260211
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.2 57.6
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.819 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion: 75 Resp: 38034
 Ion Ratio Lower Upper
 75 100
 155 100.5 54.4 163.1
 157 132.3 69.5 208.3

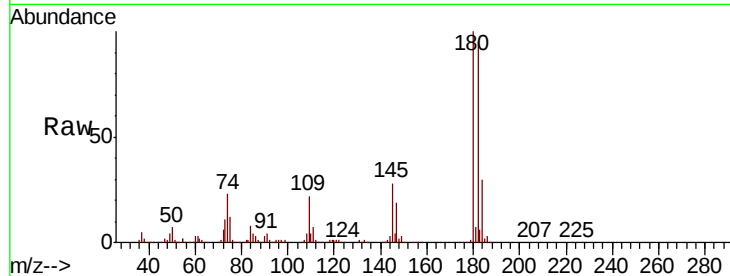




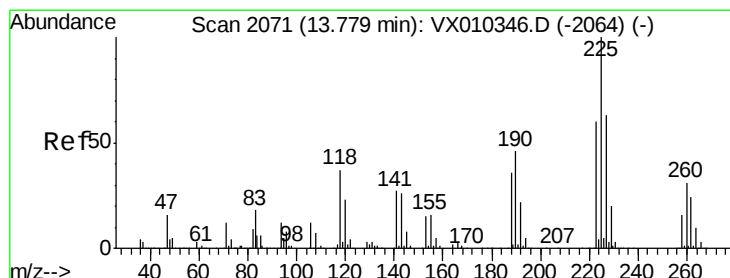
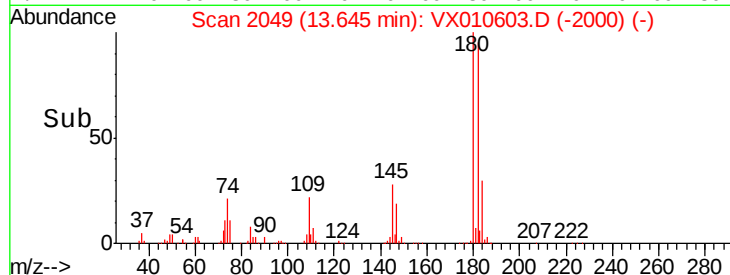
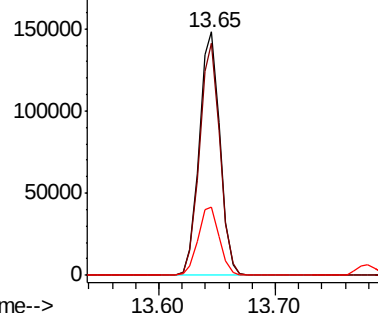
#93
 1,2,4-Trichlorobenzene
 Concen: 48.518 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 181562
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.0 144.0
 145 29.0 14.4 43.4

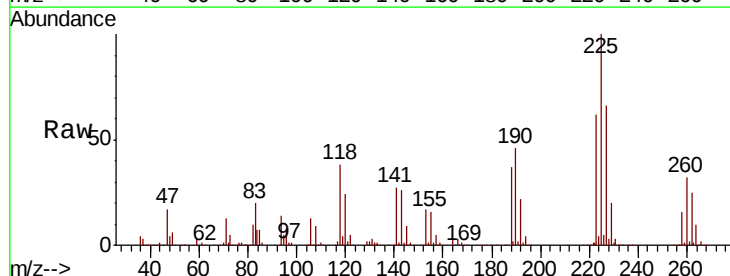


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

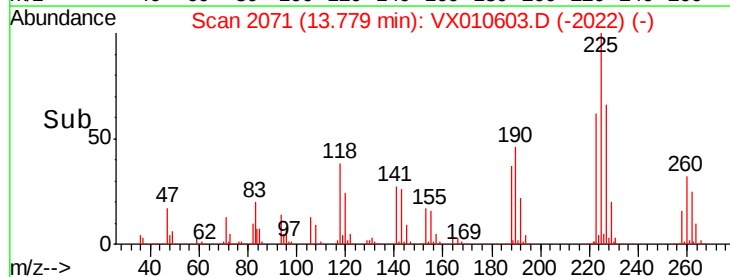
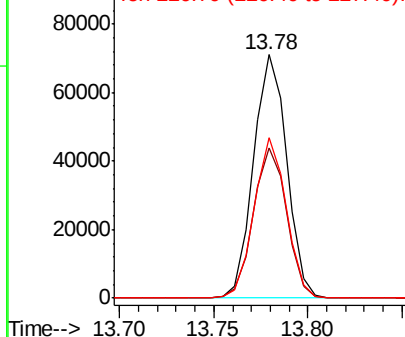


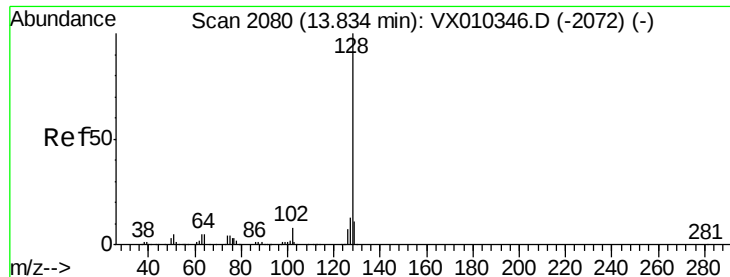
#94
 Hexachlorobutadiene
 Concen: 47.468 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010603.D
 Acq: 01 Jul 2019 20:01

Tgt Ion:225 Resp: 86815
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.9 92.7
 227 63.8 31.9 95.5



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

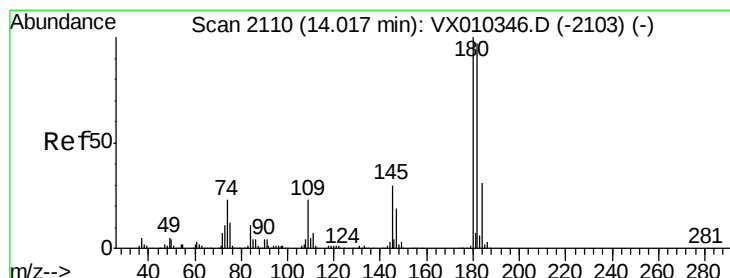
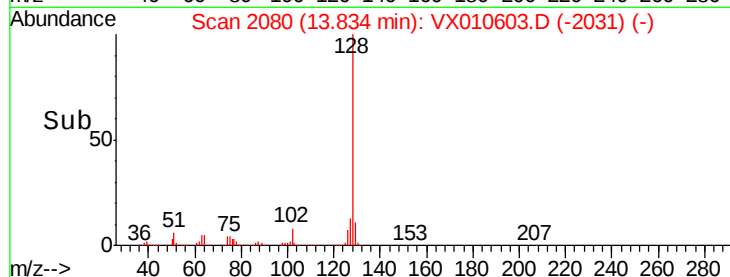
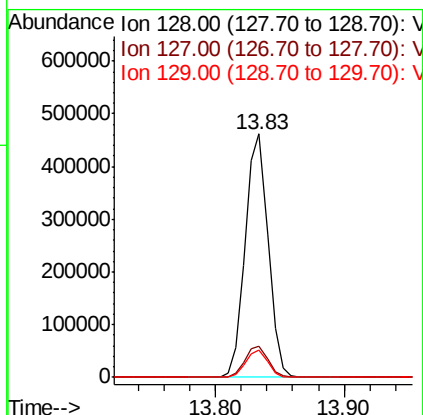
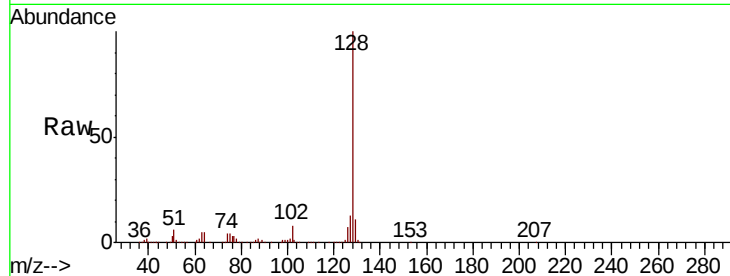




#95
Naphthalene
Concen: 48.910 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 562459
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.231 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010603.D
Acq: 01 Jul 2019 20:01

Tgt Ion:180 Resp: 183171
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 31.2 15.2 45.6

