

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111718\
 Data File : VX006061.D
 Acq On : 17 Nov 2018 11:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 00:12:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	114395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	157862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	138805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	79498	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	65696	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	5.50	113	54773	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	195276	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.14	95	71880	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	42696	41.396	ug/l	100
3) Chloromethane	1.32	50	54607	40.343	ug/l	100
4) Vinyl Chloride	1.40	62	57660	42.433	ug/l	100
5) Bromomethane	1.64	94	36313	43.668	ug/l	100
6) Chloroethane	1.71	64	38440	47.410	ug/l	98
7) Trichlorofluoromethane	1.92	101	84516	46.856	ug/l	97
8) Diethyl Ether	2.19	74	35310	49.959	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51292	49.443	ug/l	99
10) Methyl Iodide	2.51	142	51942	41.313	ug/l	98
11) Tert butyl alcohol	3.07	59	83545	221.760	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46694	46.180	ug/l	96
13) Acrolein	2.29	56	42120	235.669	ug/l	100
14) Allyl chloride	2.72	41	107567	47.633	ug/l	99
15) Acrylonitrile	3.15	53	191405	245.158	ug/l	100
16) Acetone	2.45	43	186961	264.035	ug/l	99
17) Carbon Disulfide	2.57	76	123114	40.820	ug/l	100
18) Methyl Acetate	2.78	43	100901	53.270	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	179857	52.117	ug/l	98
20) Methylene Chloride	2.85	84	54620	46.959	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	50386	47.245	ug/l	95
22) Diisopropyl ether	3.87	45	189826	47.985	ug/l #	97
23) Vinyl Acetate	3.82	43	808798	238.450	ug/l	99
24) 1,1-Dichloroethane	3.69	63	99159	46.982	ug/l	100
25) 2-Butanone	4.70	43	268100	240.829	ug/l	100
26) 2,2-Dichloropropane	4.58	77	80927	52.271	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	56275	47.788	ug/l	100
28) Bromochloromethane	5.02	49	48594	51.517	ug/l	97
29) Tetrahydrofuran	5.15	42	167421	234.227	ug/l	99
30) Chloroform	5.21	83	98462	48.355	ug/l	98
31) Cyclohexane	5.57	56	82618	45.095	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	84980	50.035	ug/l	99
36) 1,1-Dichloropropene	5.79	75	71682	47.103	ug/l	97
37) Ethyl Acetate	4.85	43	94865	47.403	ug/l	100
38) Carbon Tetrachloride	5.77	117	73827	48.458	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79557	51.579	ug/l	99
40) Benzene	6.14	78	214221	48.286	ug/l	99
41) Methacrylonitrile	5.06	41	53830	49.780	ug/l	99
42) 1,2-Dichloroethane	6.20	62	80233	50.492	ug/l	100
43) Isopropyl Acetate	6.46	43	140690	48.517	ug/l	97
44) Trichloroethene	7.21	130	57894	51.385	ug/l	100
45) 1,2-Dichloropropane	7.51	63	59875	55.604	ug/l	100
46) Dibromomethane	7.66	93	37405	55.357	ug/l	99
47) Bromodichloromethane	7.90	83	75415	59.057	ug/l	97
48) Methyl methacrylate	7.77	41	74411	57.148	ug/l	99
49) 1,4-Dioxane	7.75	88	29291	1043.953	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	501176	274.230	ug/l	99
52) Toluene	8.79	92	127753	51.524	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	78907	52.361	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	90855	59.151	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	54464	49.287	ug/l	98
56) Ethyl methacrylate	9.18	69	84316	50.995	ug/l	98
57) 1,3-Dichloropropane	9.37	76	90331	48.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	246690	273.019	ug/l	99
59) 2-Hexanone	9.49	43	390266	242.262	ug/l	98
60) Dibromochloromethane	9.59	129	58414	48.912	ug/l	99
61) 1,2-Dibromoethane	9.67	107	56321	46.092	ug/l	99
64) Tetrachloroethene	9.34	164	57840	48.943	ug/l	99
65) Chlorobenzene	10.14	112	144860	52.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54483	56.358	ug/l	99
67) Ethyl Benzene	10.25	91	249243	55.897	ug/l	99
68) m/p-Xylenes	10.36	106	192696	113.297	ug/l	99
69) o-Xylene	10.70	106	91383	59.919	ug/l	100
70) Styrene	10.71	104	157542	62.619	ug/l	99
71) Bromoform	10.86	173	49008	60.474	ug/l #	99
73) Isopropylbenzene	11.02	105	258295	56.184	ug/l	100
74) N-amyl acetate	10.90	43	123945	48.099	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88855	52.658	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	109088	67.390	ug/l	85
77) Bromobenzene	11.26	156	68170	52.609	ug/l	99
78) n-propylbenzene	11.36	91	302093	55.757	ug/l	100
79) 2-Chlorotoluene	11.42	91	178388	54.472	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	219805	56.263	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	29160	57.413	ug/l	95
82) 4-Chlorotoluene	11.51	91	211488	54.796	ug/l	99
83) tert-Butylbenzene	11.77	119	219355	55.500	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	229178	53.164	ug/l	100
85) sec-Butylbenzene	11.94	105	268192	55.490	ug/l	100
86) p-Isopropyltoluene	12.07	119	244991	57.226	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	130817	52.604	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	132353	51.990	ug/l	100
89) n-Butylbenzene	12.39	91	218860	55.160	ug/l	100
90) Hexachloroethane	12.60	117	40168	56.199	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	129876	52.133	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21154	51.373	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101060	57.625	ug/l	100
94) Hexachlorobutadiene	13.79	225	50571	54.895	ug/l	98
95) Naphthalene	13.83	128	294950	51.533	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99572	55.730	ug/l	99

(#) = 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. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

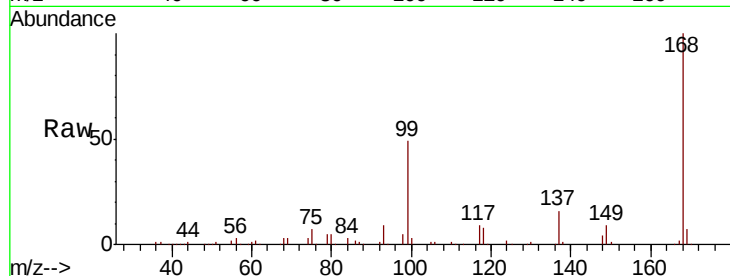
VSTDCCC050

Tot Ion:168 Resp: 114395

Ion Ratio Lower Upper

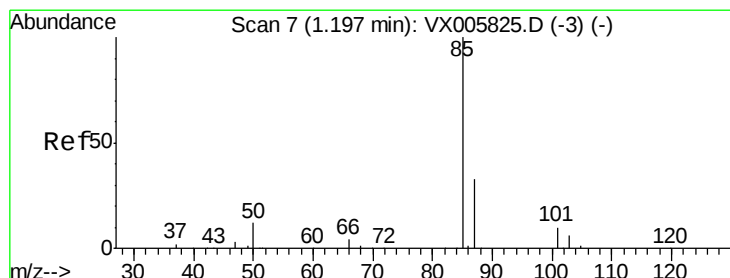
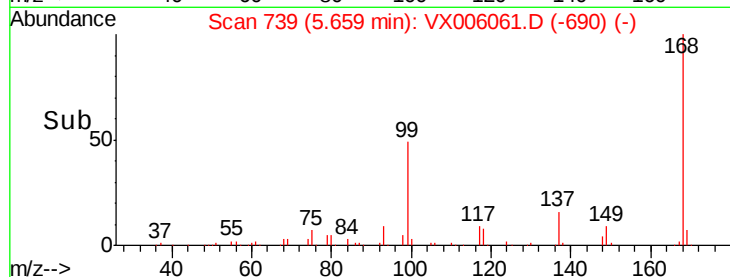
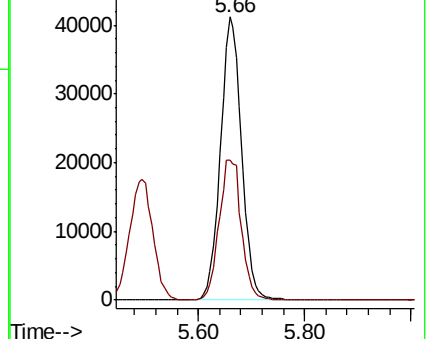
168 100

99 49.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.396 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006061.D

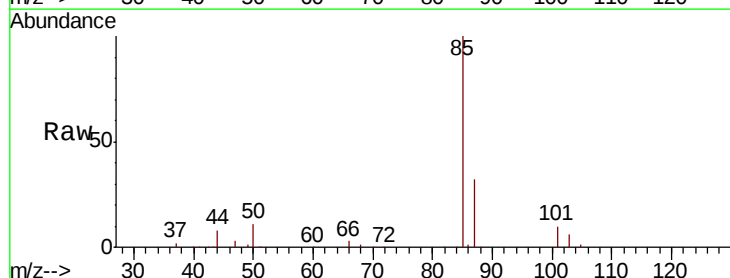
Acq: 17 Nov 2018 11:07

Tgt Ion: 85 Resp: 42696

Ion Ratio Lower Upper

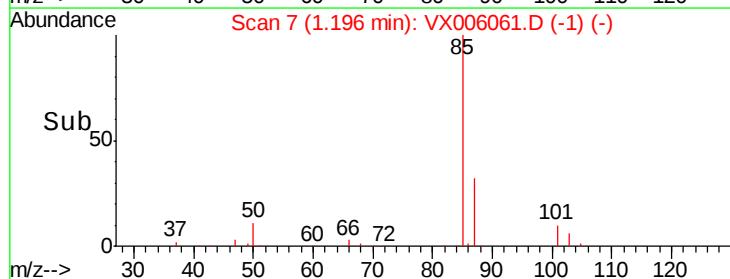
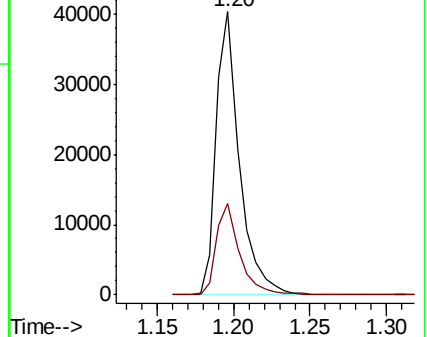
85 100

87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.343 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

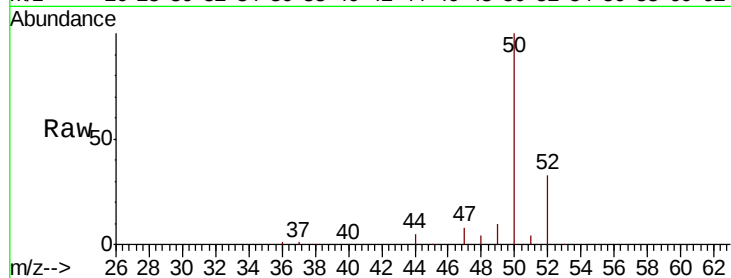
VSTDCCC050

Tot Ion: 50 Resp: 54607

Ion Ratio Lower Upper

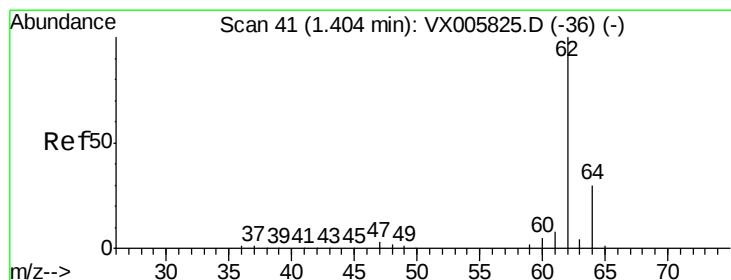
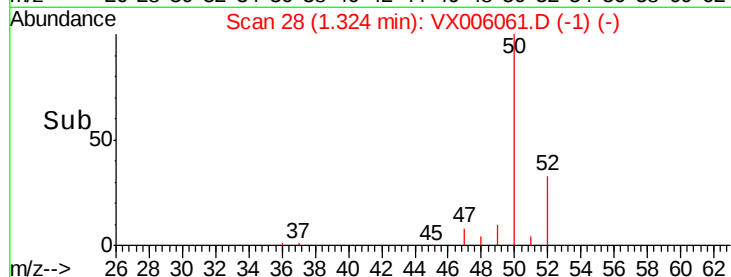
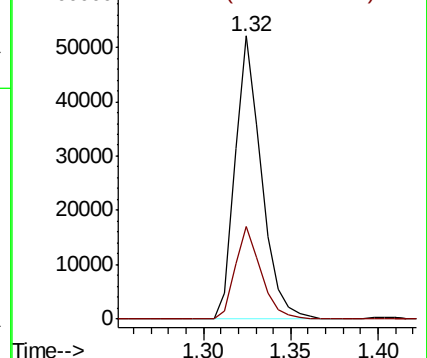
50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.433 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX006061.D

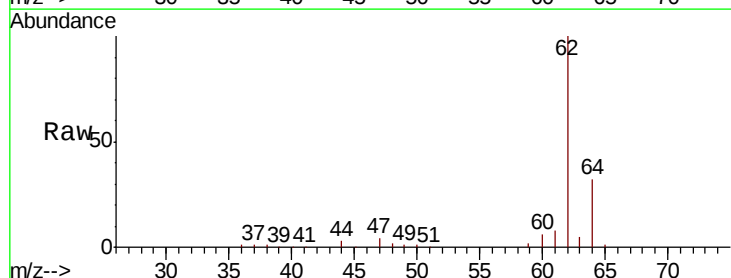
Acq: 17 Nov 2018 11:07

Tgt Ion: 62 Resp: 57660

Ion Ratio Lower Upper

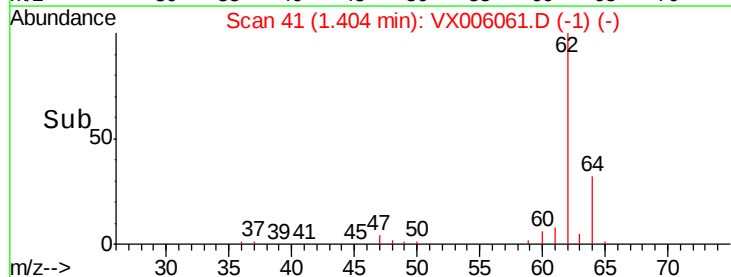
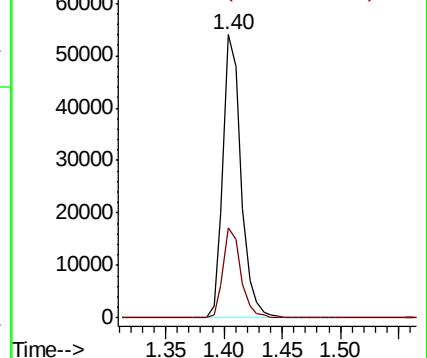
62 100

64 31.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.668 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

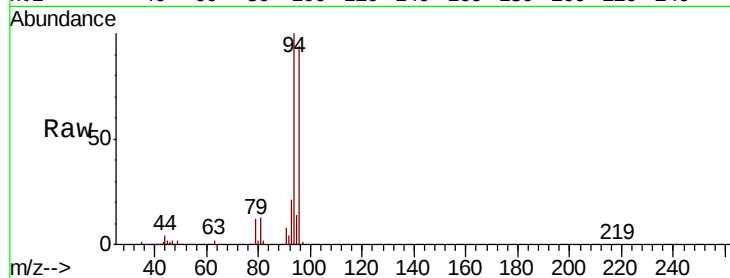
VSTDCCC050

Tot Ion: 94 Resp: 36313

Ion Ratio Lower Upper

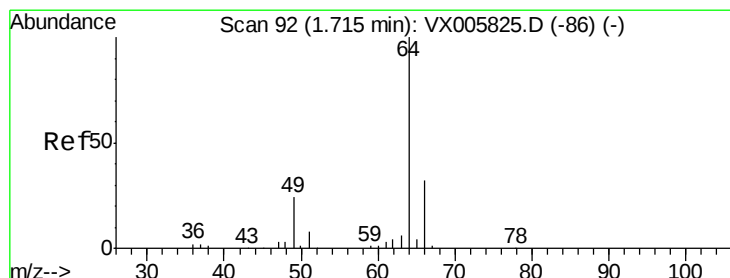
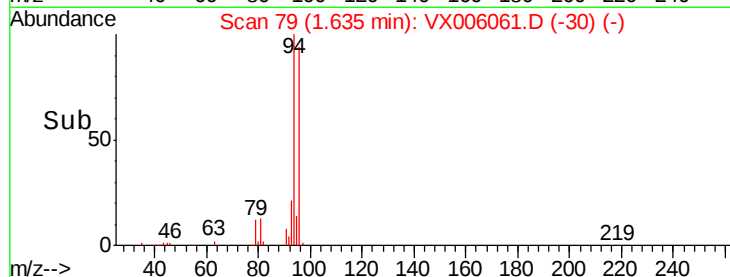
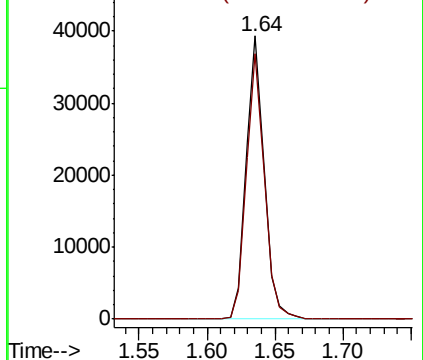
94 100

96 93.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.410 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006061.D

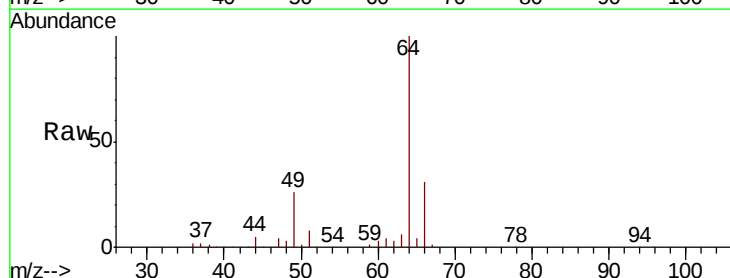
Acq: 17 Nov 2018 11:07

Tgt Ion: 64 Resp: 38440

Ion Ratio Lower Upper

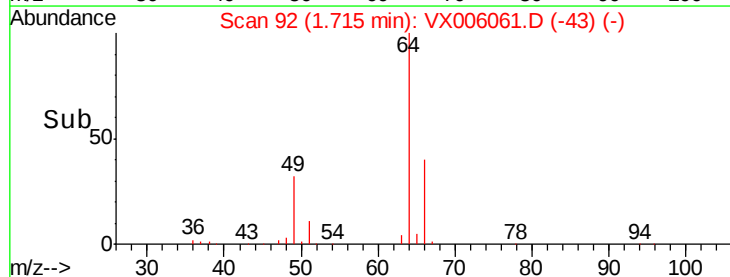
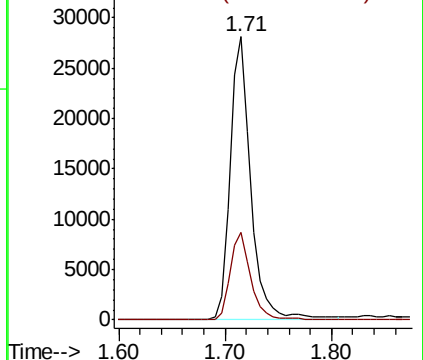
64 100

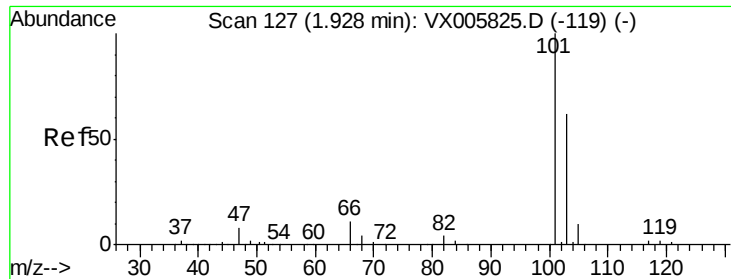
66 31.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



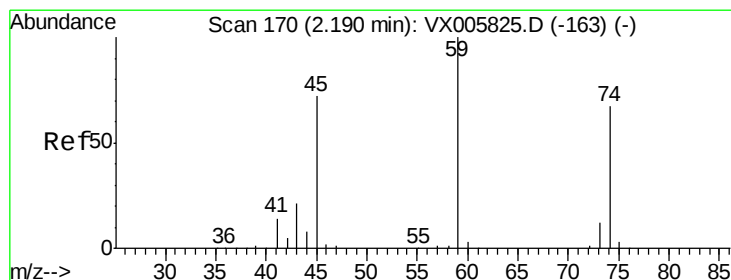
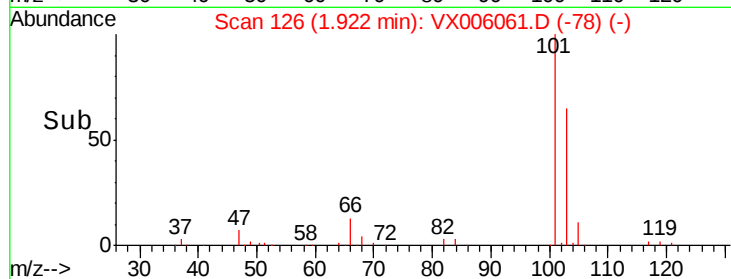
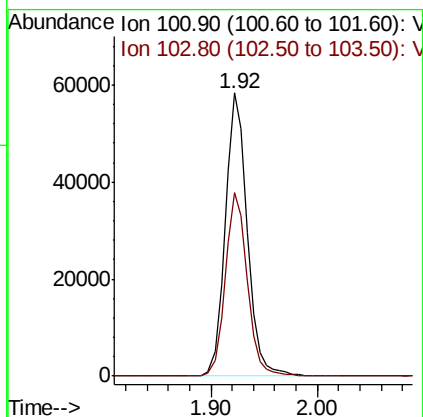
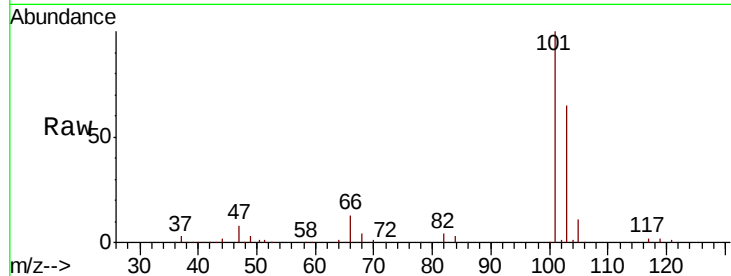


#7

Trichlorofluoromethane
Concen: 46.856 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

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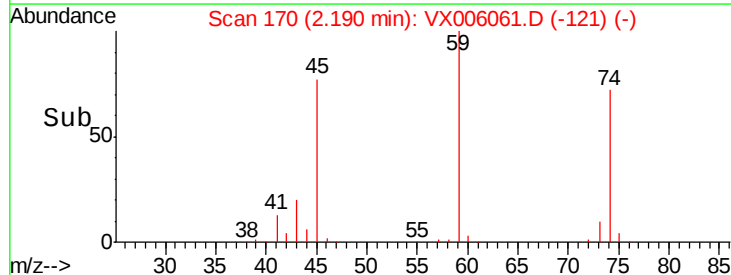
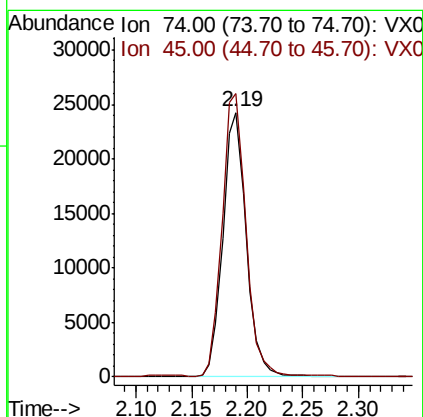
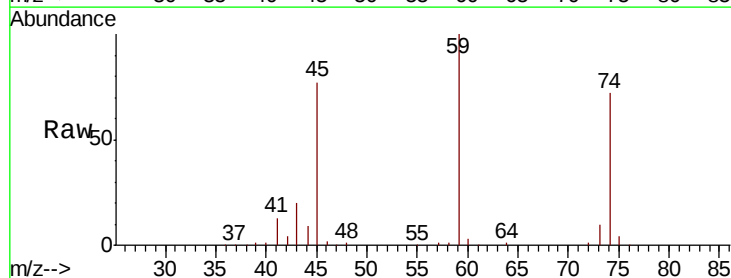
Tot Ion:101 Resp: 84516
Ion Ratio Lower Upper
101 100
103 64.9 50.0 75.0



#8

Diethyl Ether
Concen: 49.959 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 74 Resp: 35310
Ion Ratio Lower Upper
74 100
45 109.4 54.1 162.3

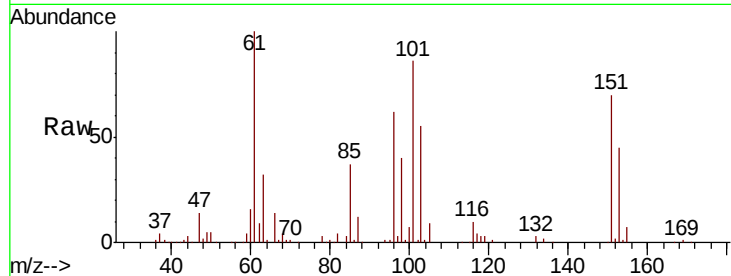




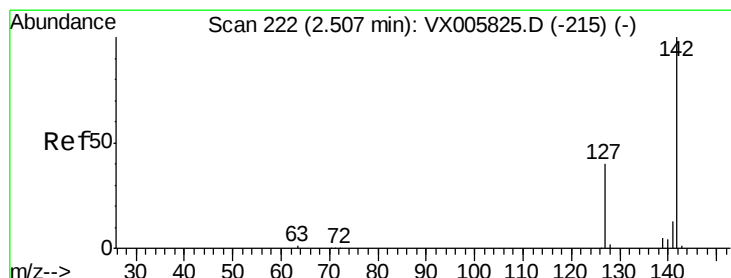
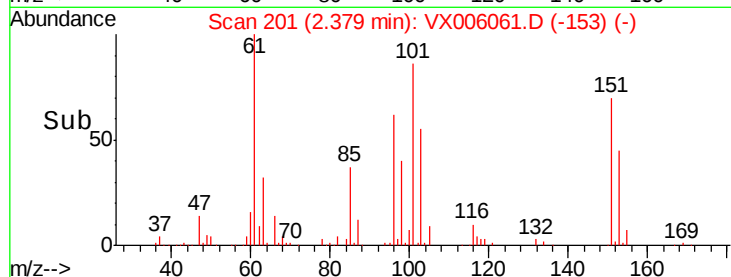
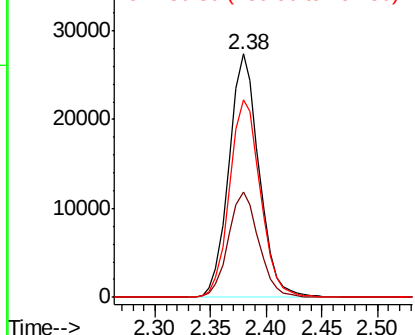
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.443 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 51292
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.0 52.4
 151 83.4 66.2 99.2

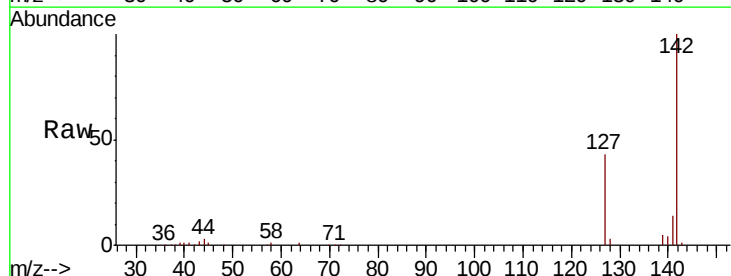


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

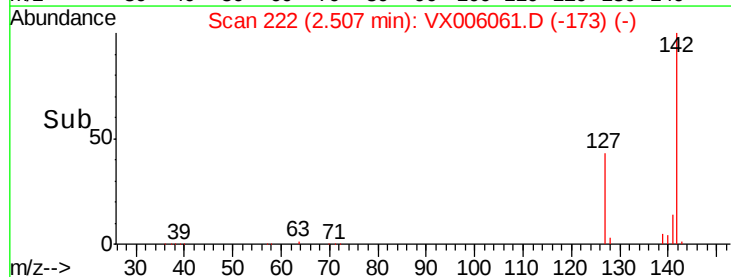
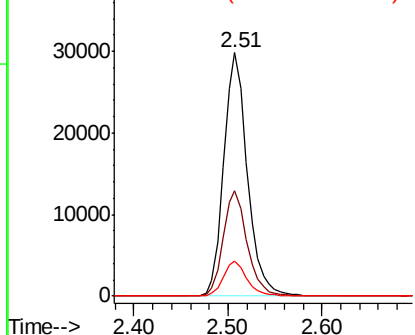


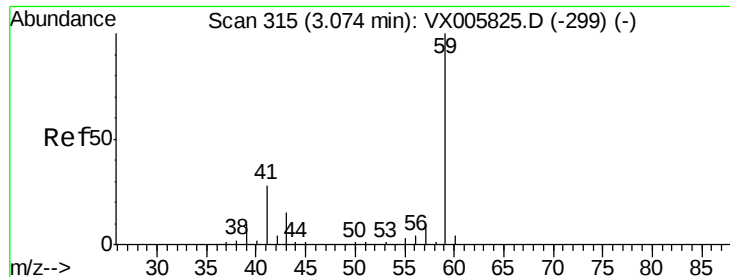
#10
 Methyl Iodide
 Concen: 41.313 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion:142 Resp: 51942
 Ion Ratio Lower Upper
 142 100
 127 43.9 36.0 54.0
 141 14.1 11.7 17.5



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

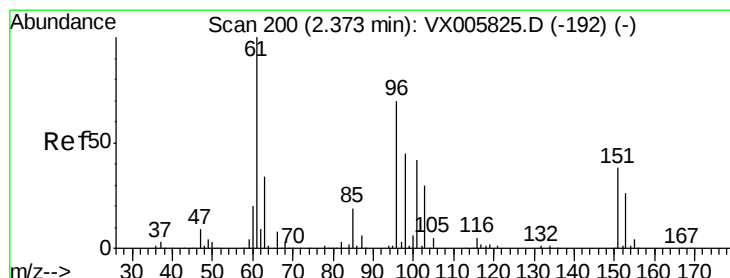
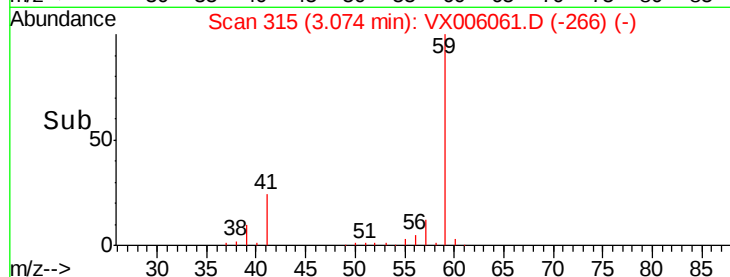
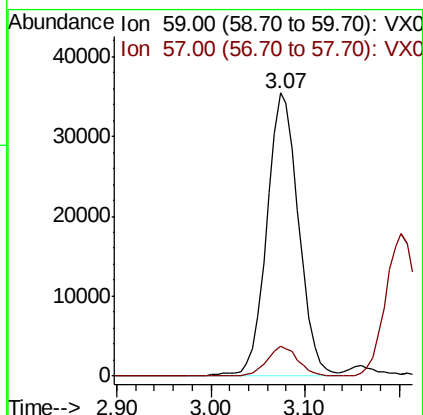
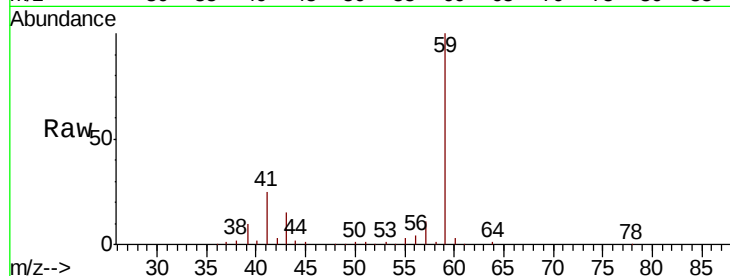




#11
Tert butyl alcohol
Concen: 221.760 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

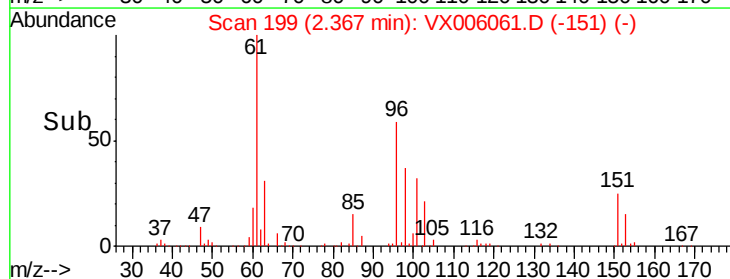
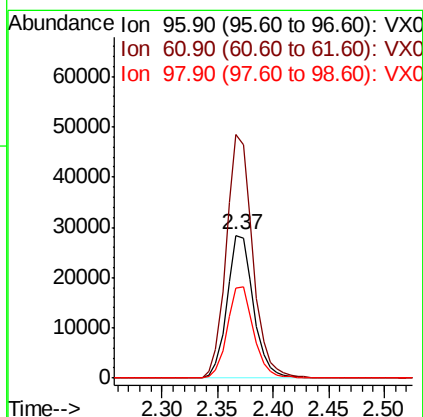
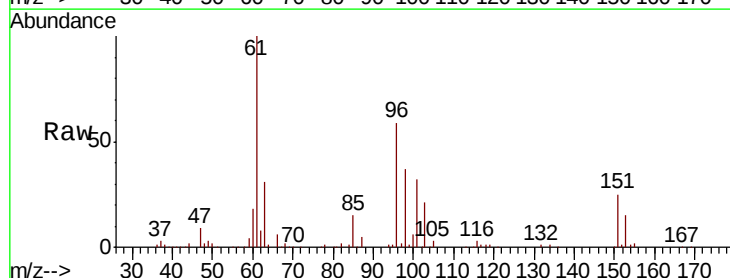
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

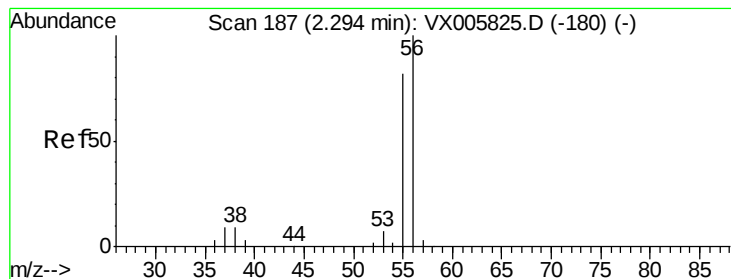
Tot Ion: 59 Resp: 83545
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.180 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 96 Resp: 46694
Ion Ratio Lower Upper
96 100
61 170.6 131.8 197.8
98 62.9 53.4 80.2





#13

Acrolein

Concen: 235.669 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

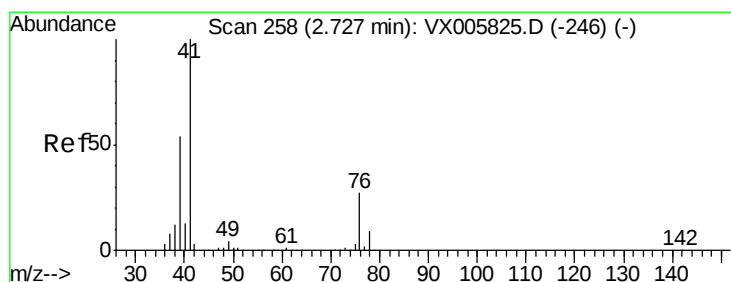
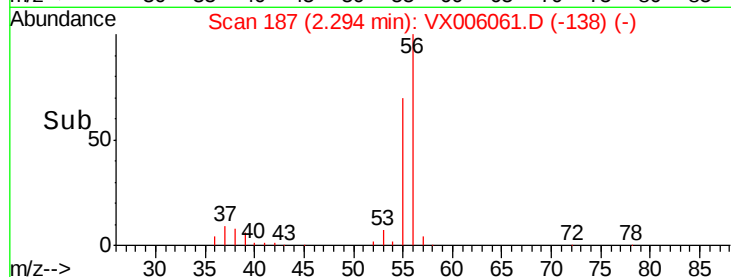
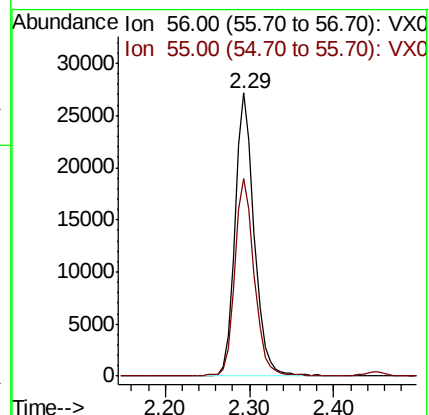
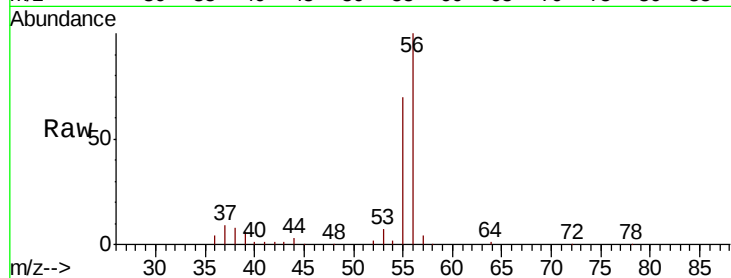
VSTDCCC050

Tot Ion: 56 Resp: 42120

Ion Ratio Lower Upper

56 100

55 71.3 57.3 85.9



#14

Allyl chloride

Concen: 47.633 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

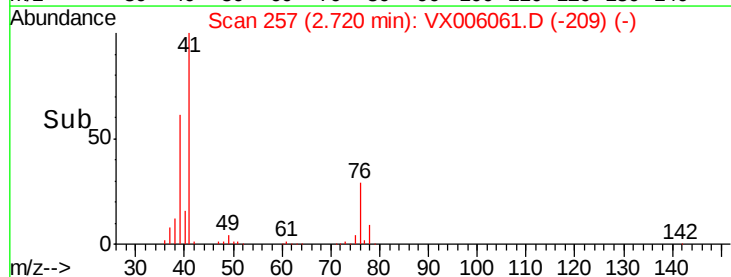
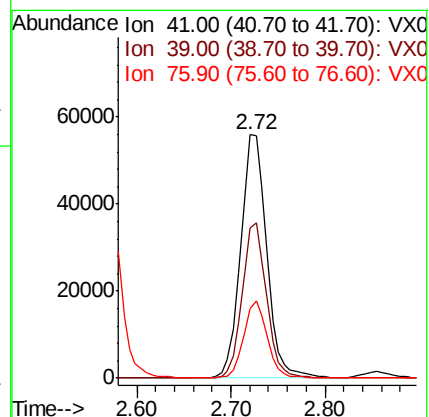
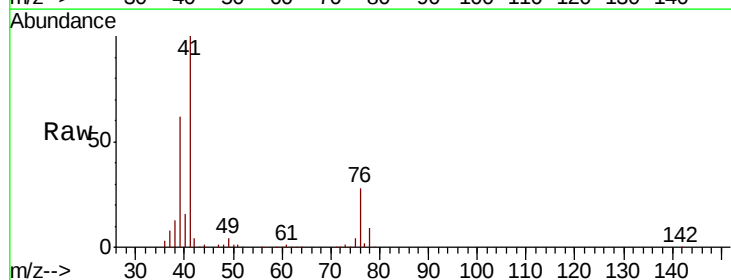
Tgt Ion: 41 Resp: 107567

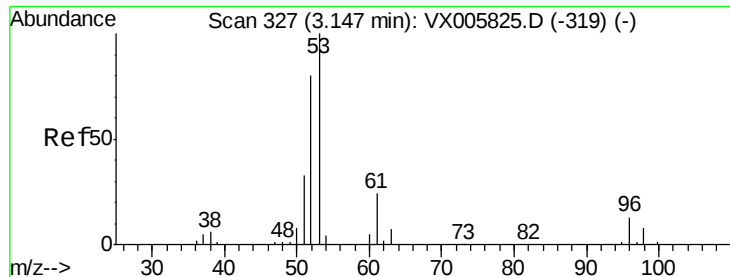
Ion Ratio Lower Upper

41 100

39 60.0 48.2 72.4

76 28.8 21.9 32.9

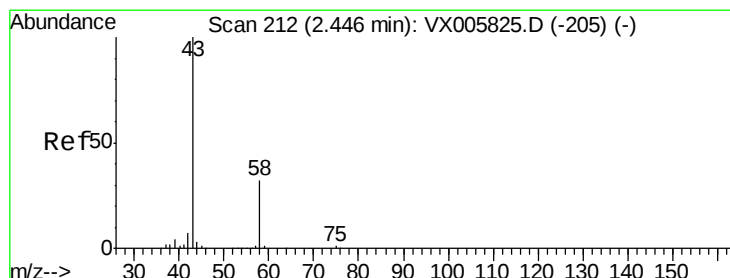
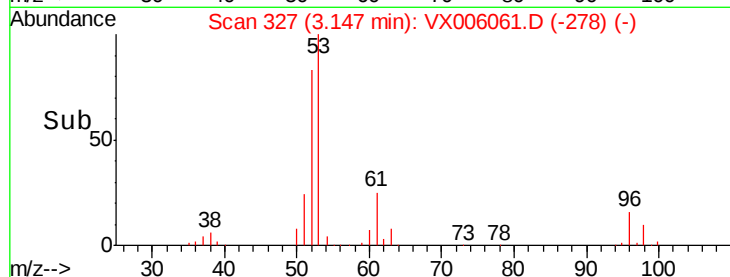
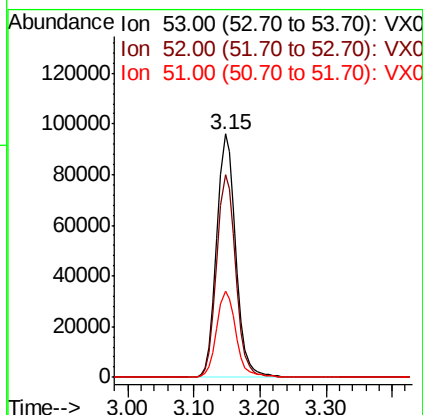
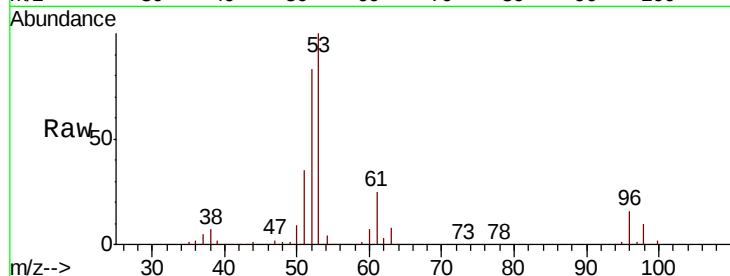




#15
Acrylonitrile
Concen: 245.158 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

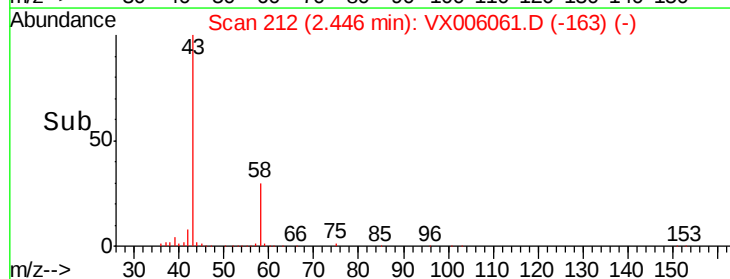
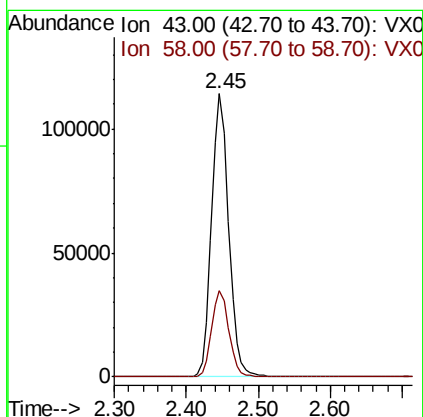
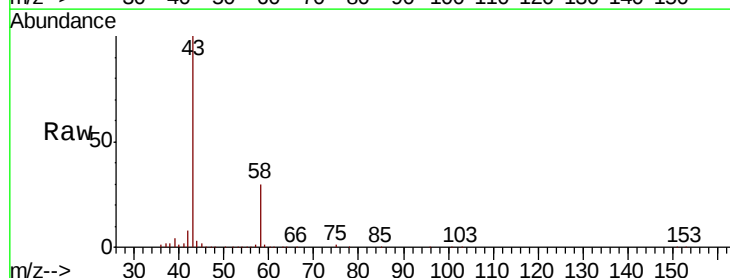
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

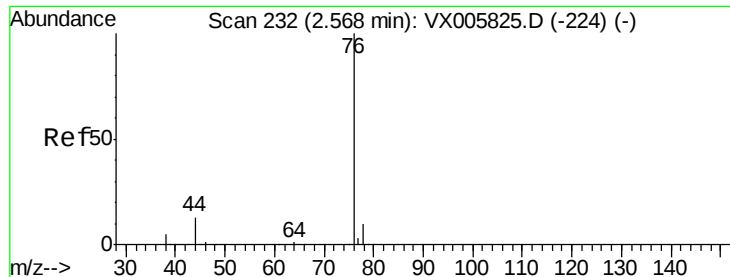
Tot Ion: 53 Resp: 191405
Ion Ratio Lower Upper
53 100
52 83.0 66.6 99.8
51 35.9 28.4 42.6



#16
Acetone
Concen: 264.035 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 43 Resp: 186961
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.6

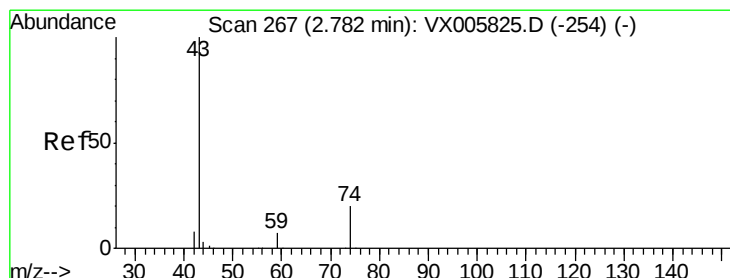
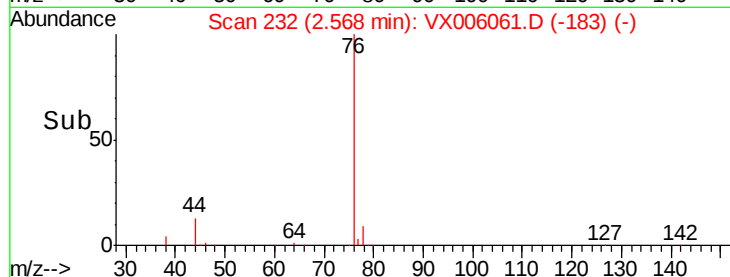
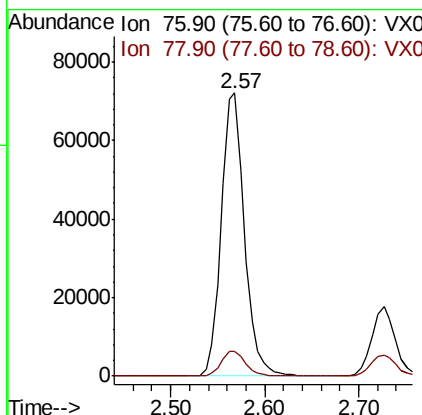
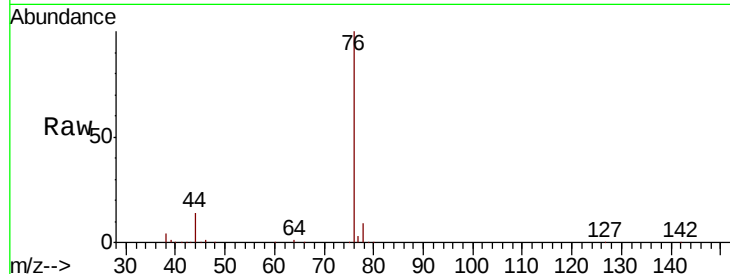




#17
Carbon Disulfide
Concen: 40.820 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

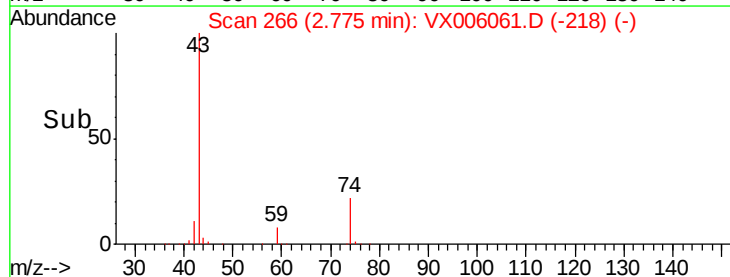
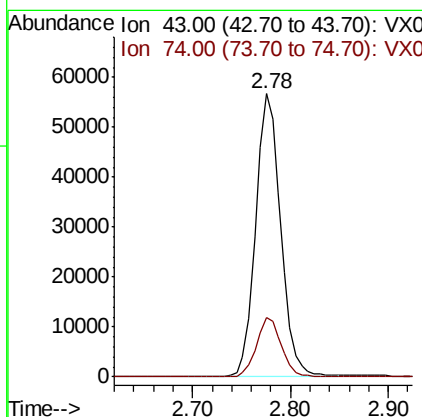
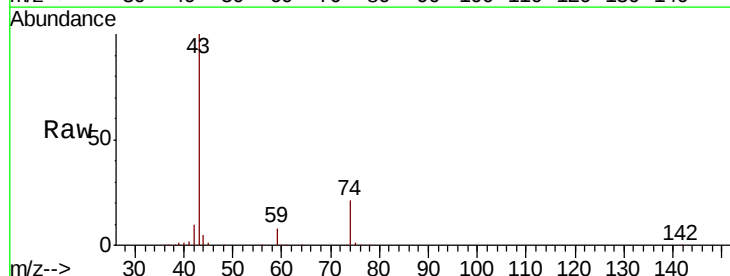
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

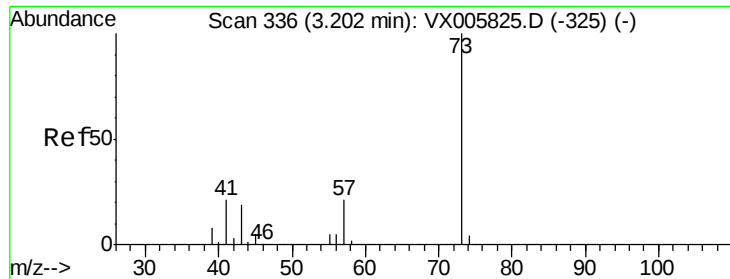
Tot Ion: 76 Resp: 123114
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 53.270 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 43 Resp: 100901
Ion Ratio Lower Upper
43 100
74 21.1 16.8 25.2

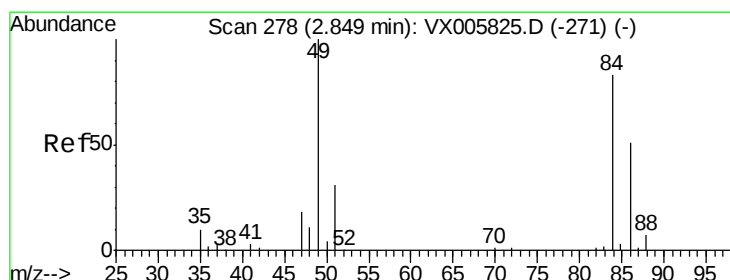
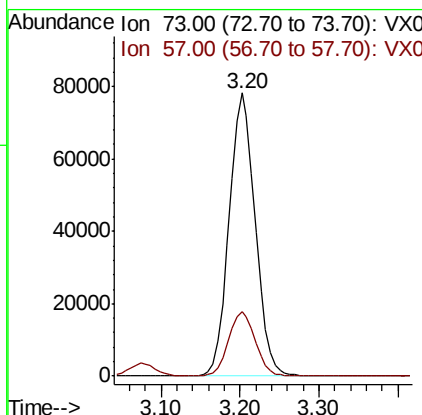
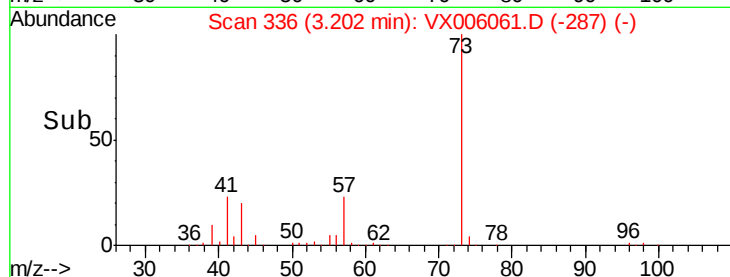
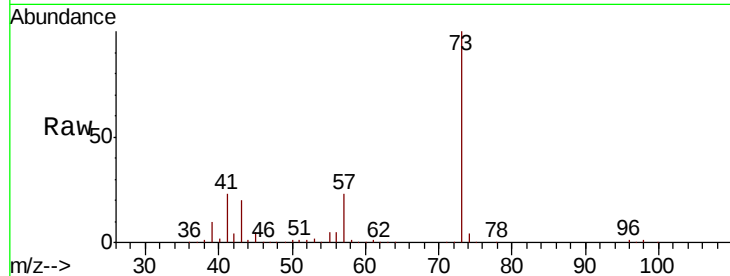




#19
Methyl tert-butyl Ether
Concen: 52.117 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

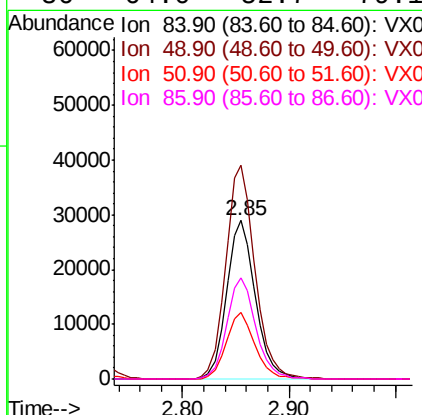
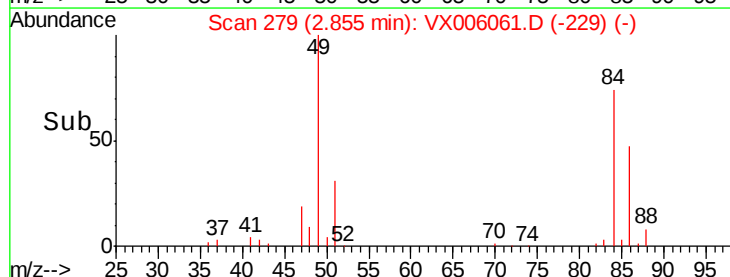
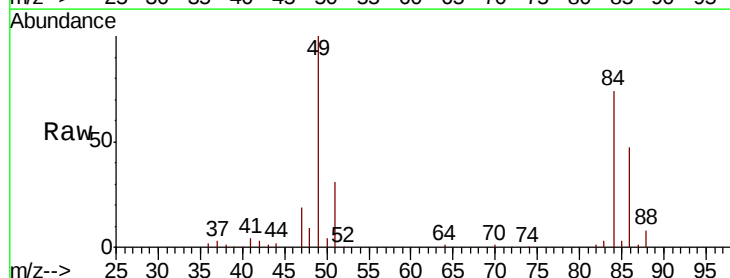
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

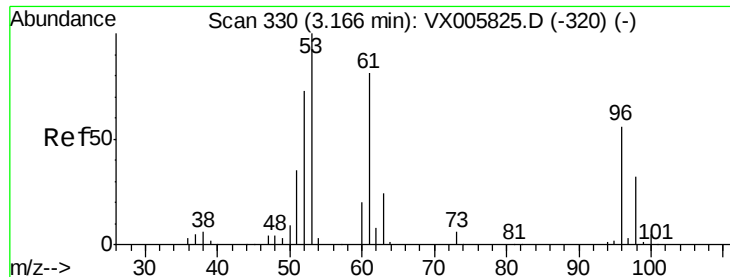
Tot Ion: 73 Resp: 179857
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2



#20
Methylene Chloride
Concen: 46.959 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 84 Resp: 54620
Ion Ratio Lower Upper
84 100
49 134.8 109.5 164.3
51 41.7 33.3 49.9
86 64.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 47.245 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

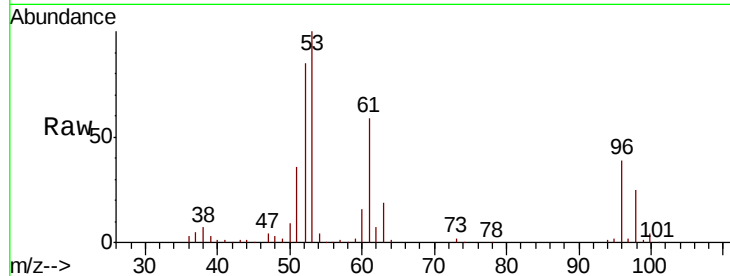
Tot Ion: 96 Resp: 50386

Ion Ratio Lower Upper

96 100

61 151.7 115.6 173.4

98 65.1 50.2 75.2

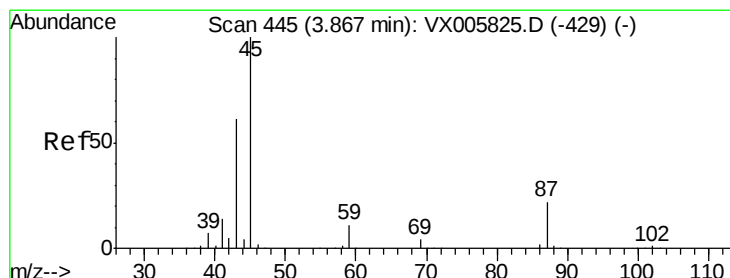
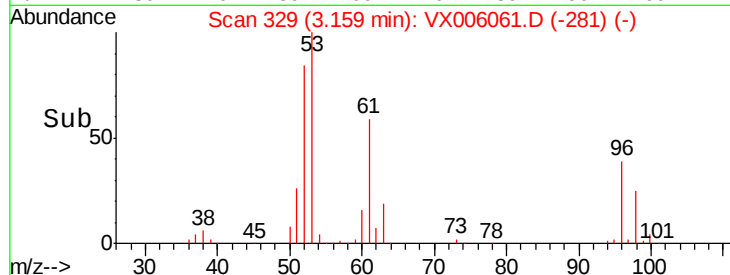
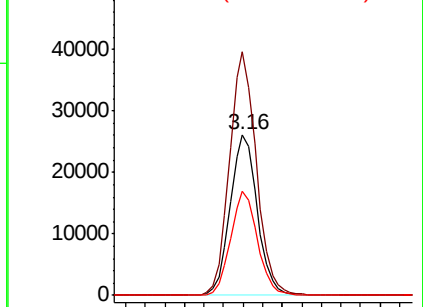


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.985 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Tgt Ion: 45 Resp: 189826

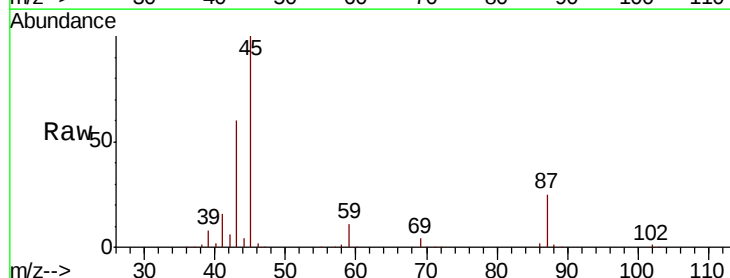
Ion Ratio Lower Upper

45 100

43 59.9 47.4 71.2

87 24.7 15.9 23.9#

59 11.3 7.7 11.5



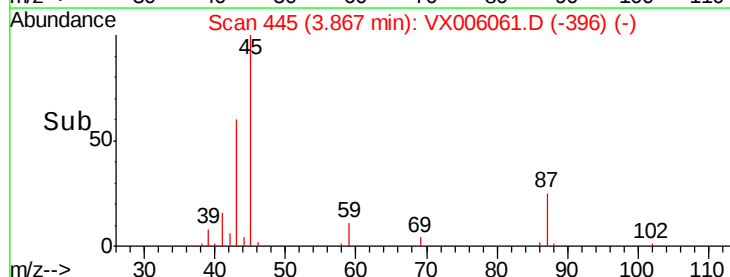
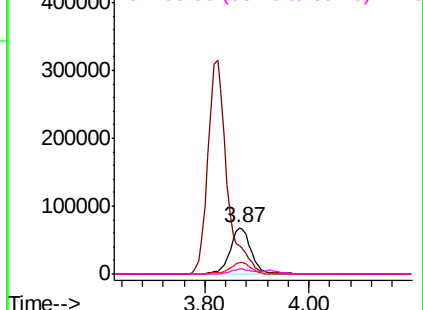
Abundance

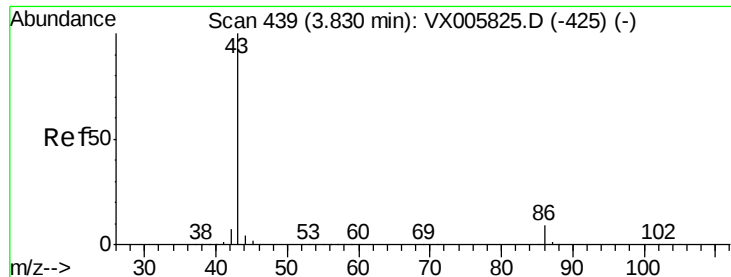
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 238.450 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

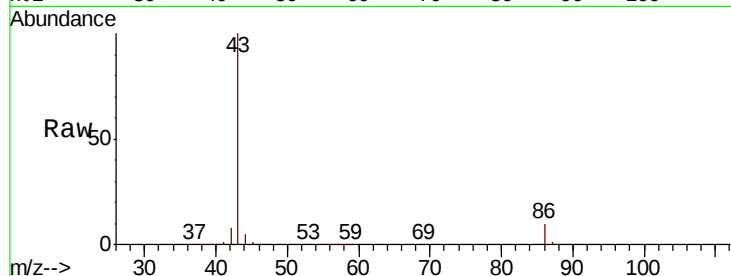
VSTDCCC050

Tot Ion: 43 Resp: 808798

Ion Ratio Lower Upper

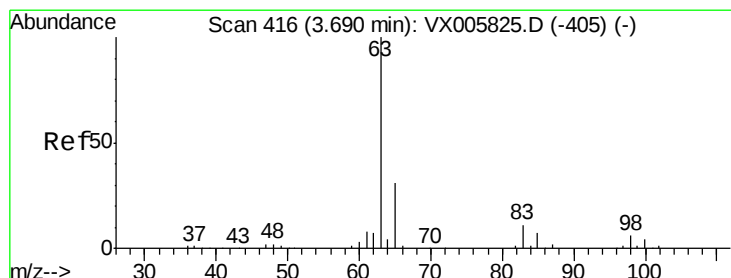
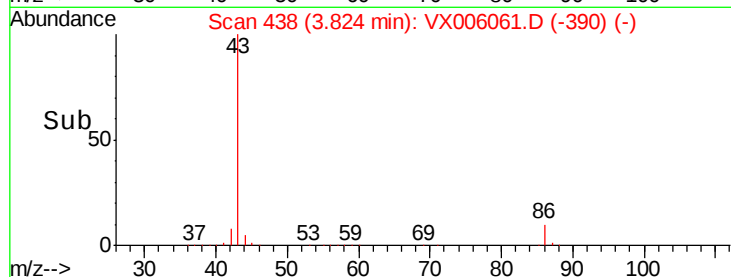
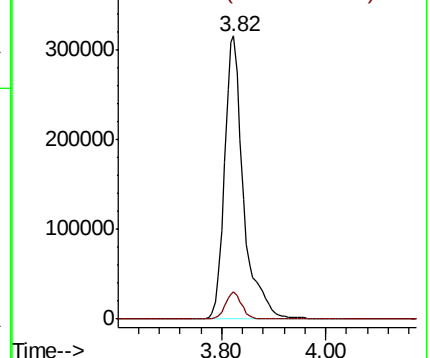
43 100

86 9.7 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.982 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

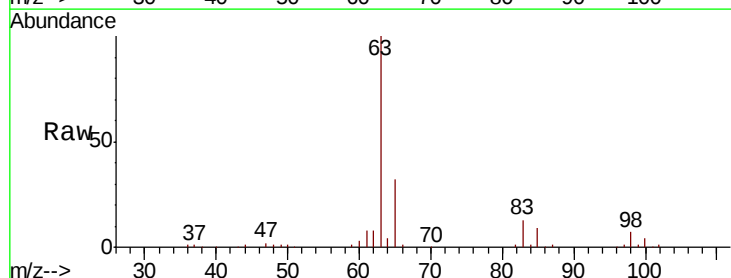
Tgt Ion: 63 Resp: 99159

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

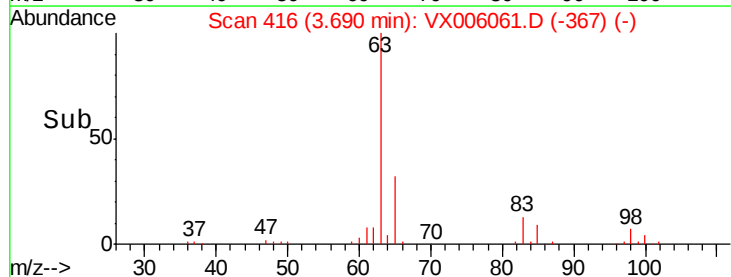
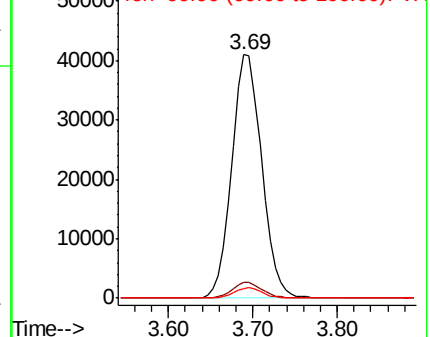
100 4.1 2.1 6.2

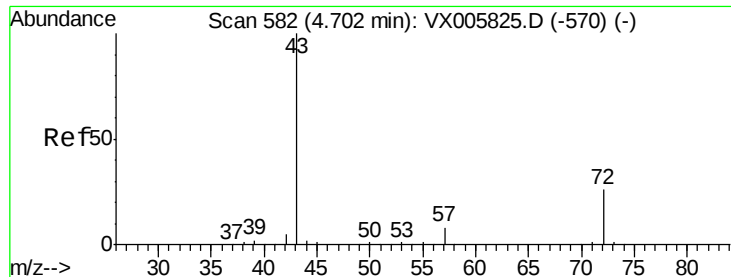


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 240.829 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

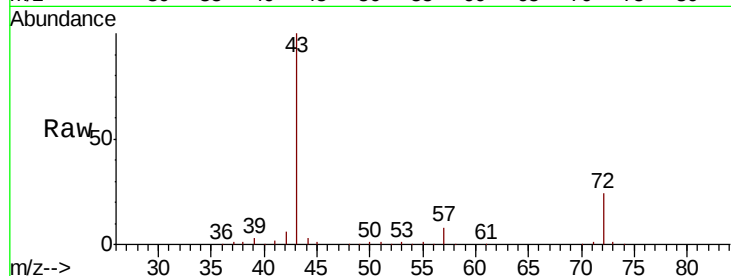
VSTDCCC050

Tot Ion: 43 Resp: 268100

Ion Ratio Lower Upper

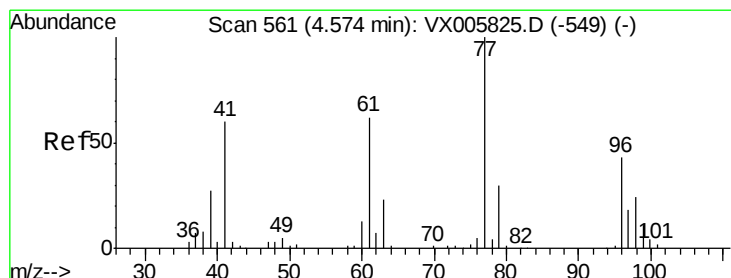
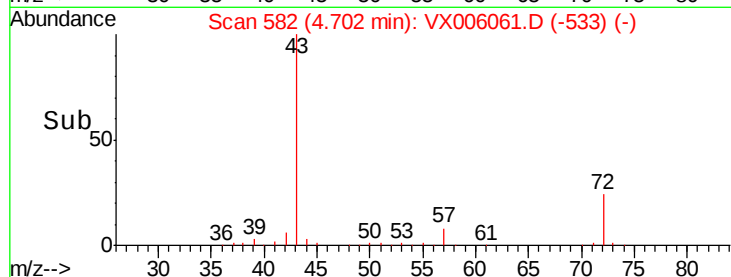
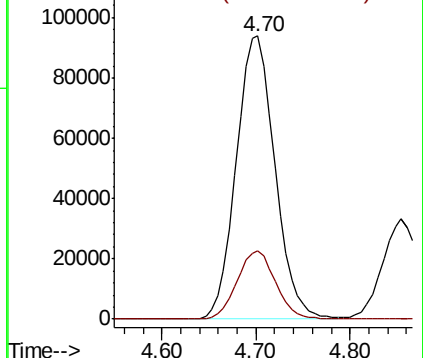
43 100

72 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.271 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006061.D

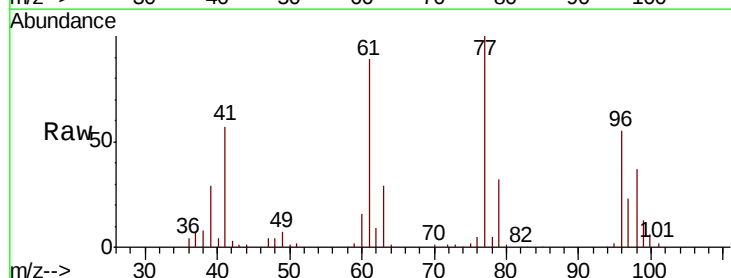
Acq: 17 Nov 2018 11:07

Tgt Ion: 77 Resp: 80927

Ion Ratio Lower Upper

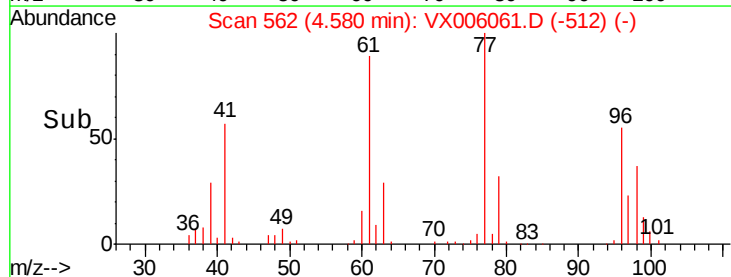
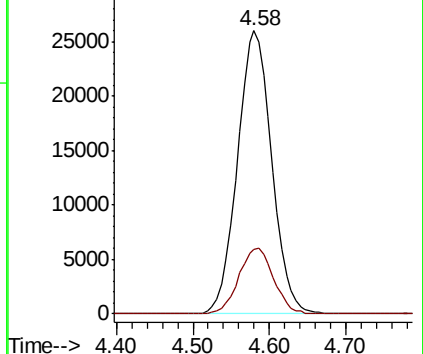
77 100

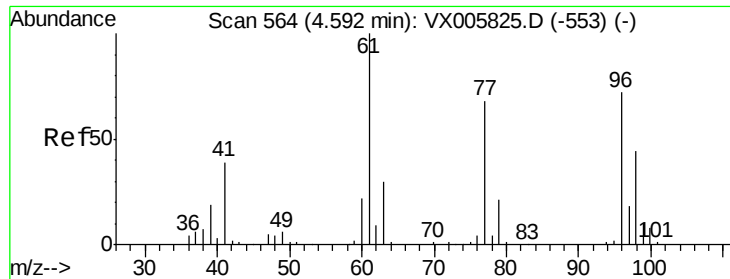
97 23.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



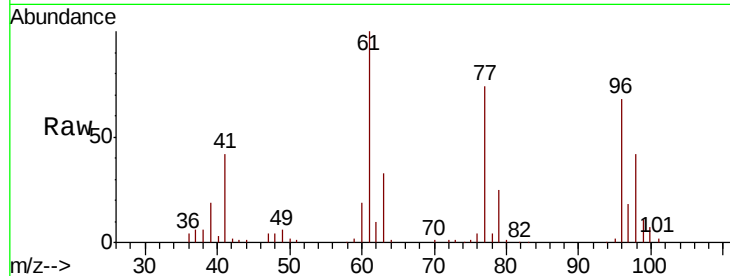


#27

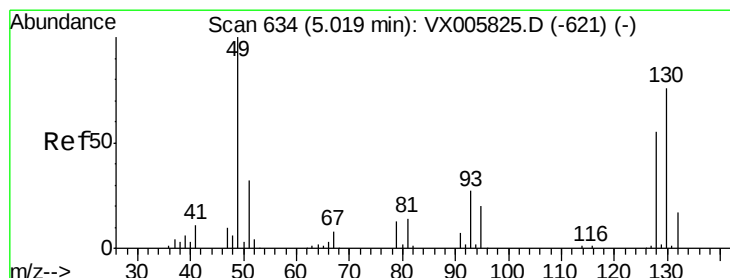
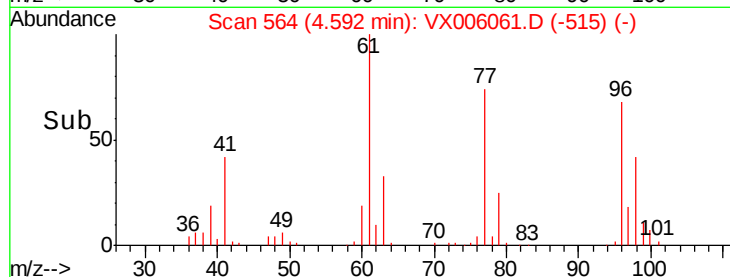
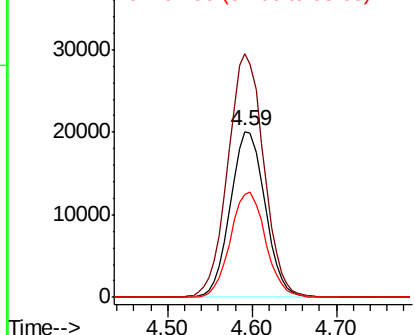
cis-1,2-Dichloroethene
 Concen: 47.788 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 56275
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 304.6
 98 64.1 0.0 127.4



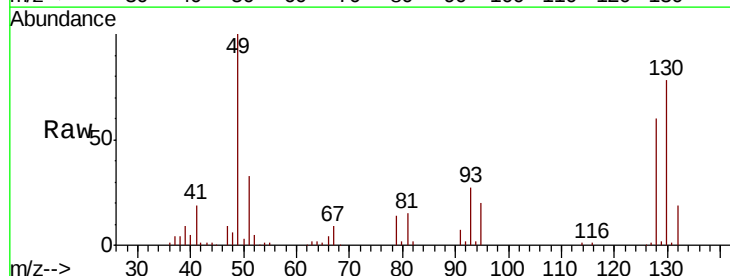
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



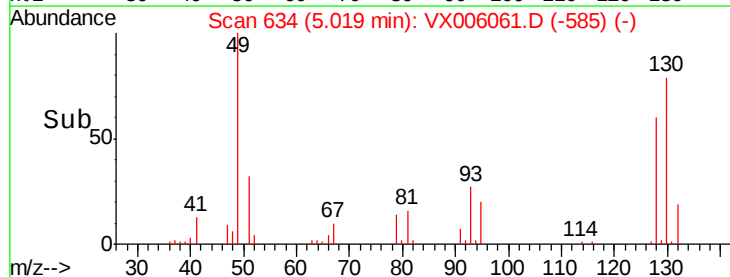
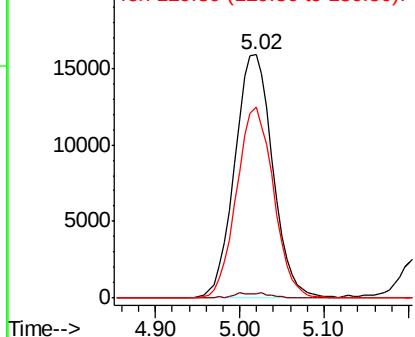
#28

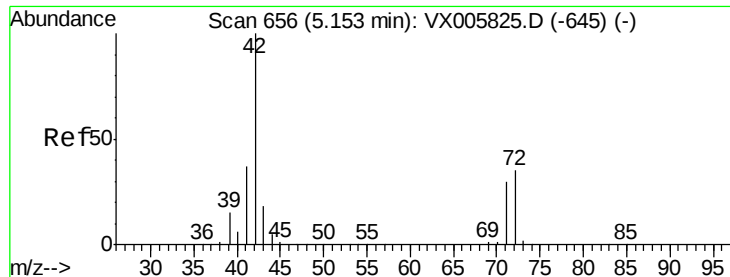
Bromochloromethane
 Concen: 51.517 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion: 49 Resp: 48594
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 76.2 58.9 88.3



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

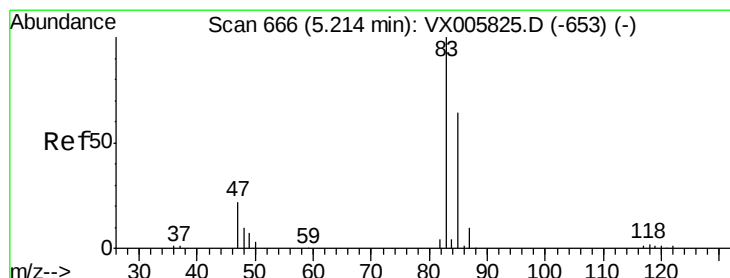
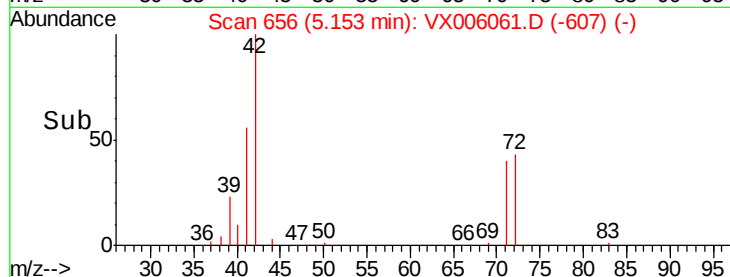
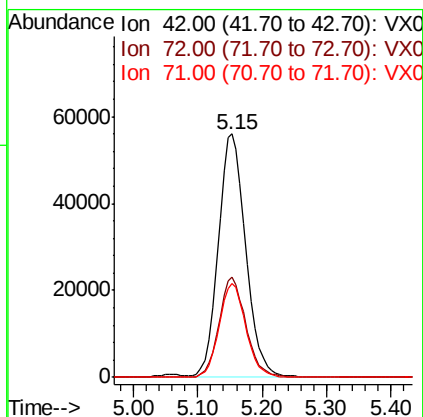
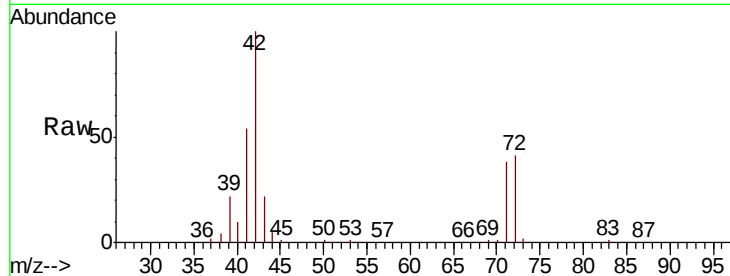




#29
Tetrahydrofuran
Concen: 234.227 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

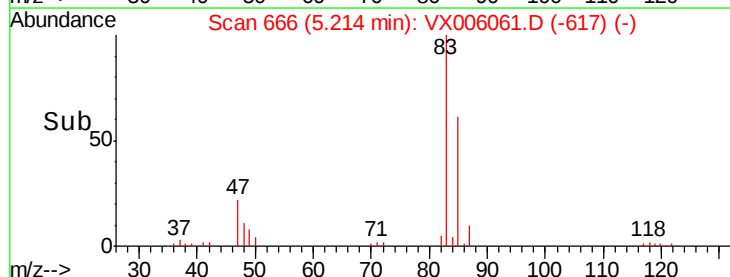
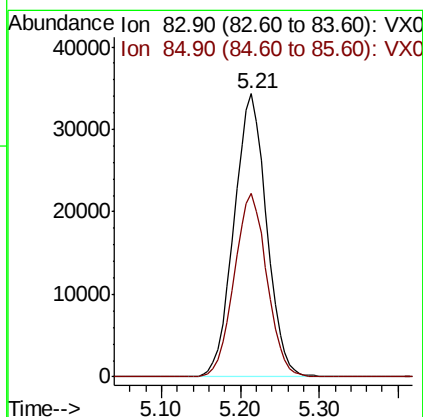
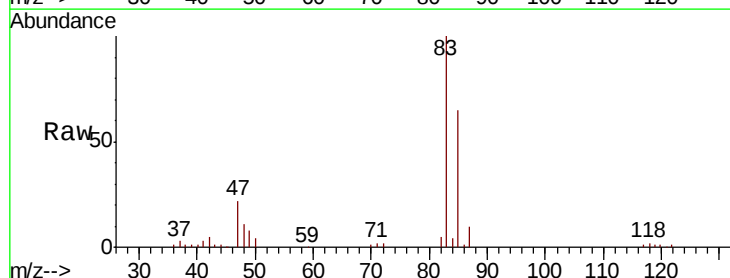
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

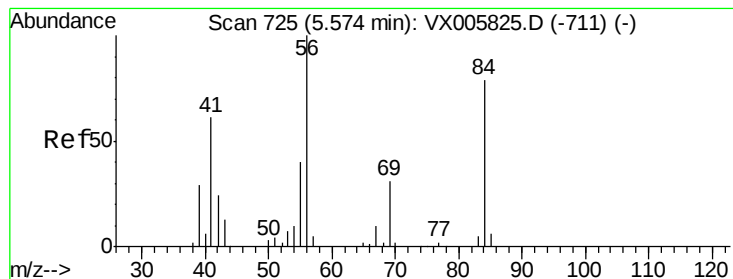
Tot Ion: 42 Resp: 167421
Ion Ratio Lower Upper
42 100
72 40.4 32.0 48.0
71 37.8 29.8 44.8



#30
Chloroform
Concen: 48.355 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 83 Resp: 98462
Ion Ratio Lower Upper
83 100
85 64.8 50.6 76.0





#31

Cyclohexane

Concen: 45.095 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

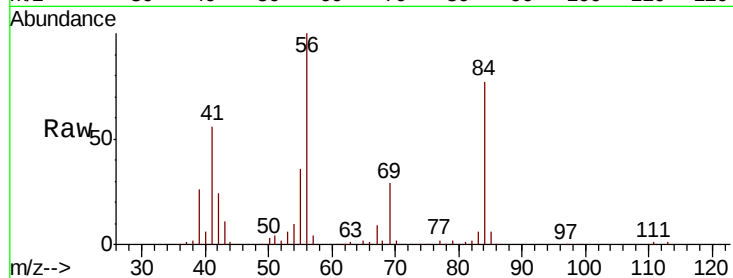
Tot Ion: 56 Resp: 82618

Ion Ratio Lower Upper

56 100

69 28.8 22.6 34.0

84 75.7 62.7 94.1

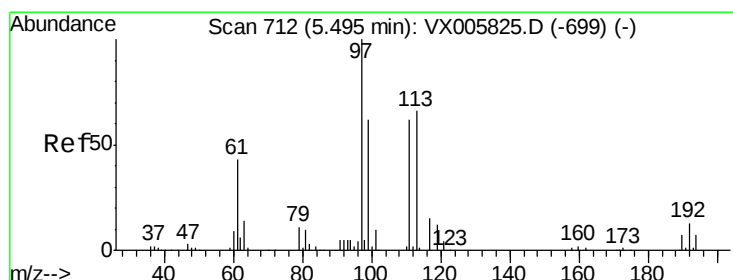
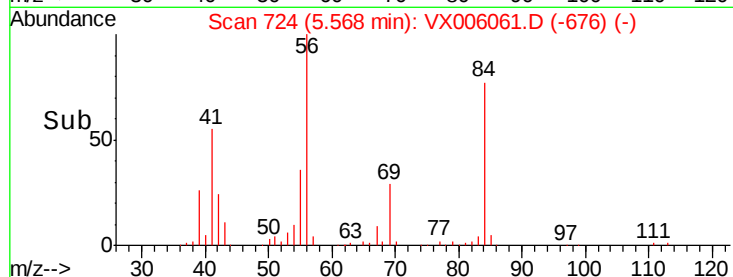
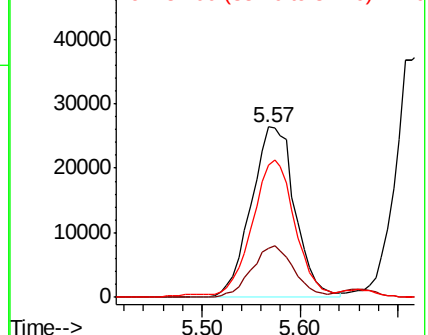


Abundance

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: 50.035 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

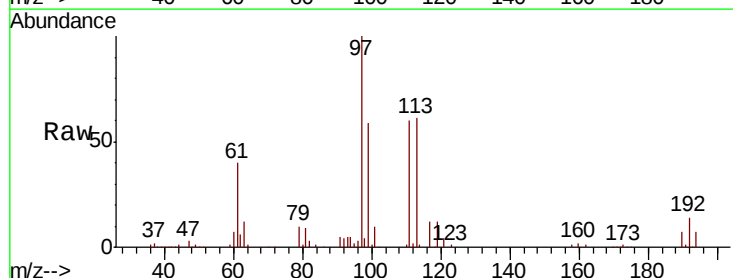
Tgt Ion: 97 Resp: 84980

Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

61 43.5 35.2 52.8

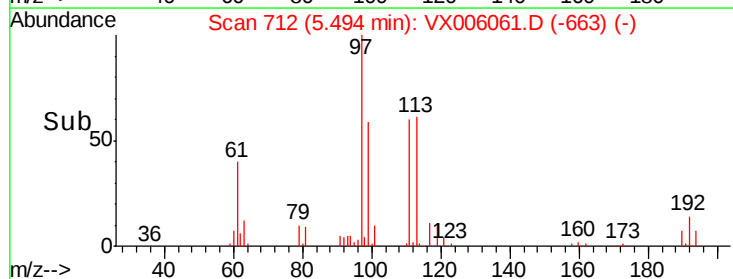
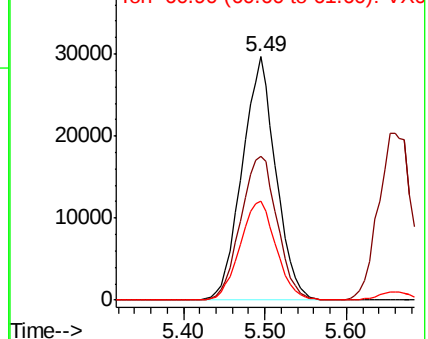


Abundance

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

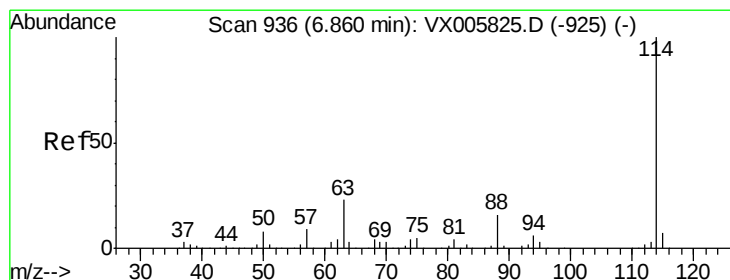
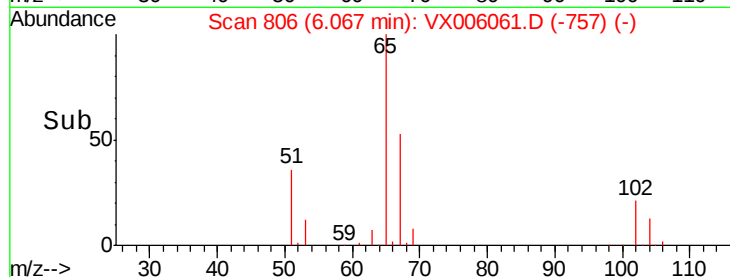
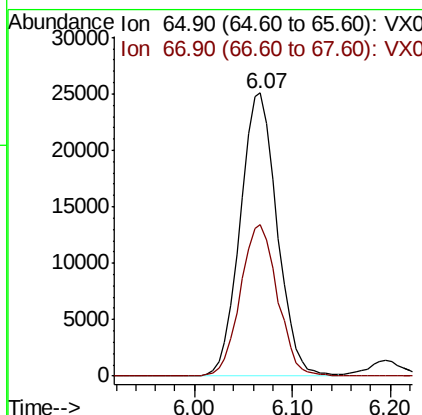
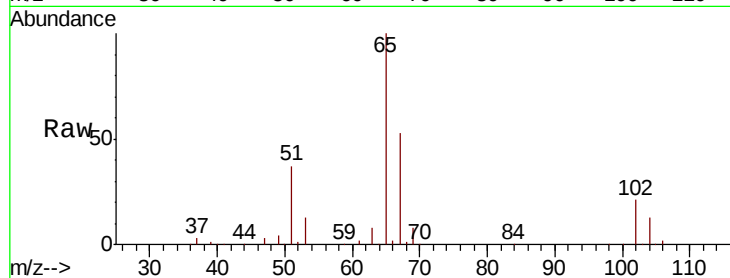




#33
 1,2-Dichloroethane-d4
 Concen: 49.954 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

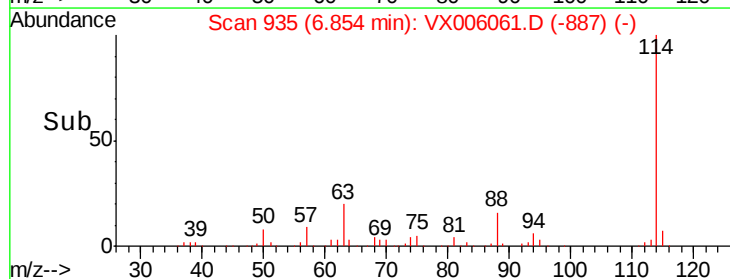
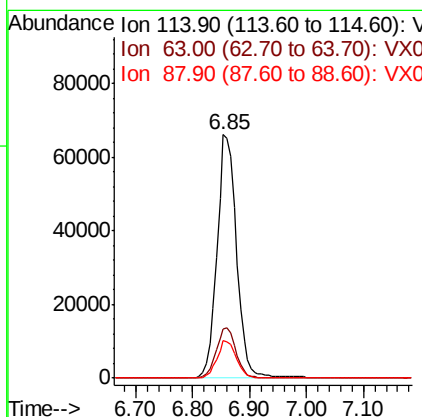
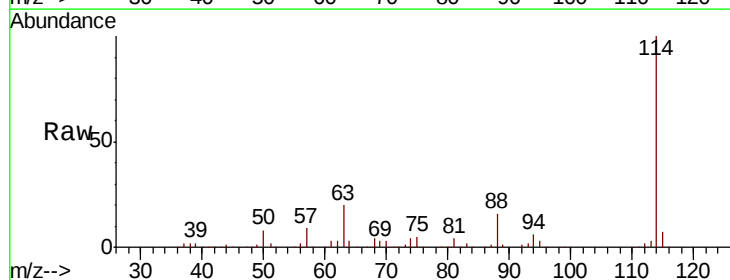
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 65696
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion: 114 Resp: 157862
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.8
 88 15.6 0.0 31.2

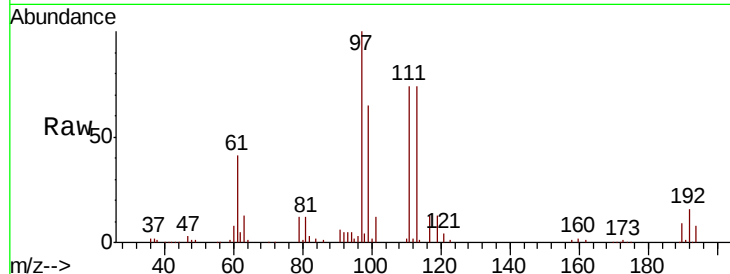




#35
 Dibromofluoromethane
 Concen: 51.013 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.3	123.5
192	22.4	17.9	26.9

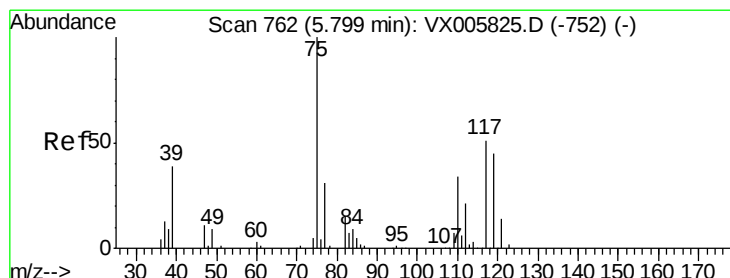
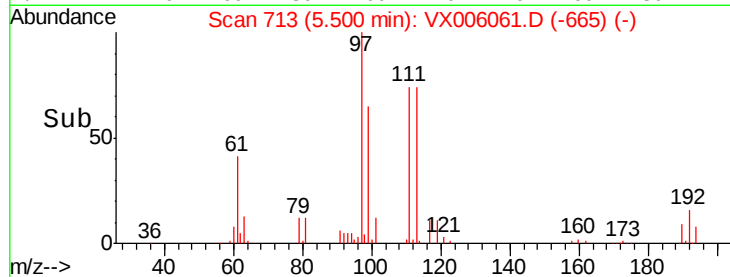
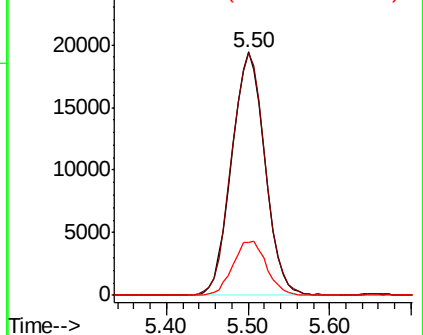


Abundance

Ion 112.80 (112.50 to 113.50): V

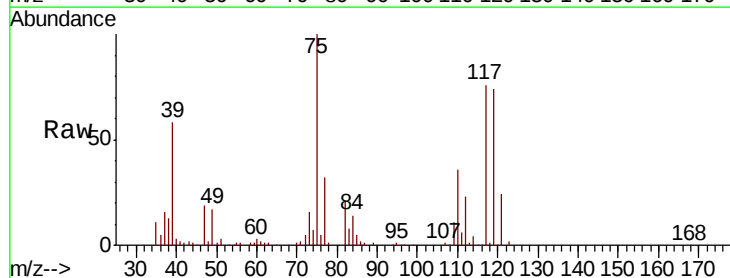
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.103 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	17.4	52.2
77	31.2	25.8	38.6

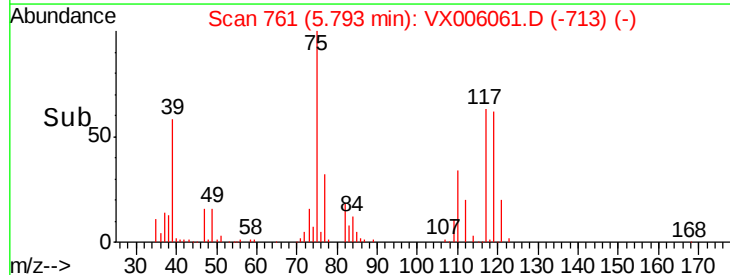
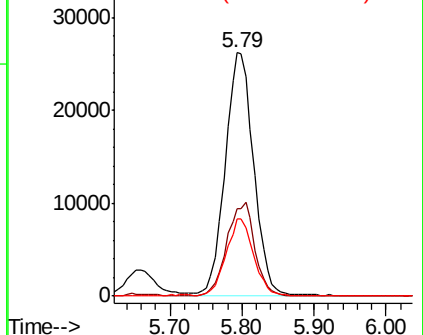


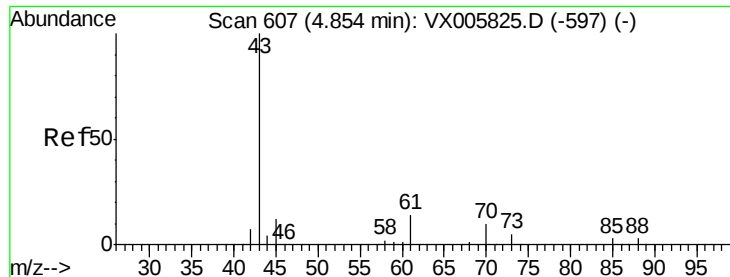
Abundance

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

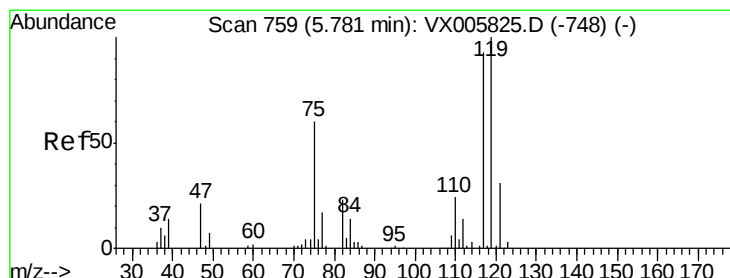
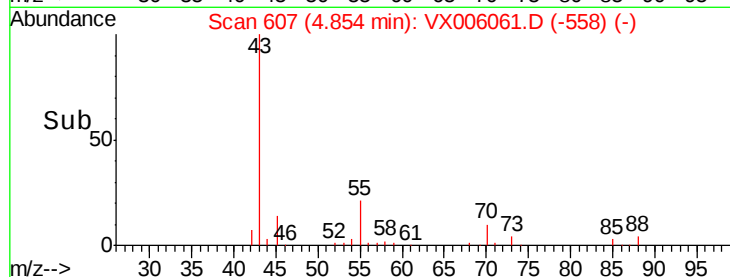
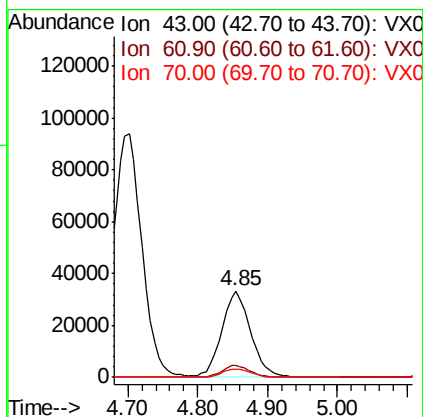
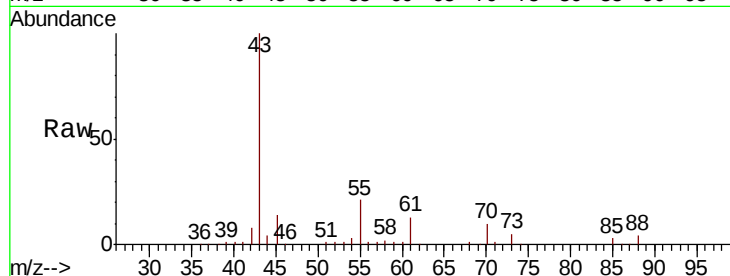




#37
Ethyl Acetate
Concen: 47.403 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

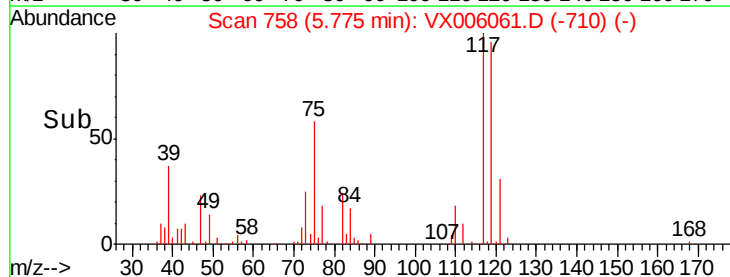
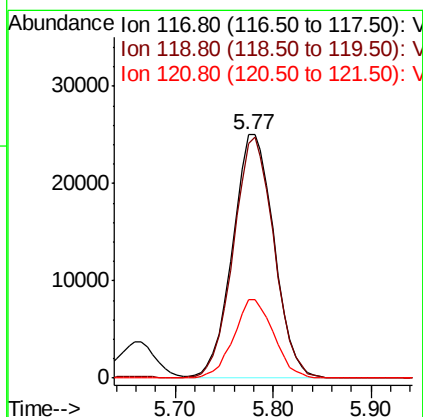
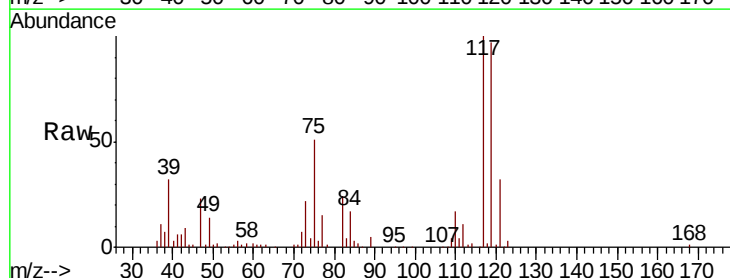
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

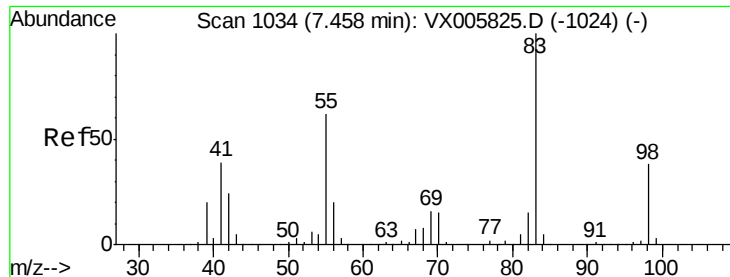
Tot Ion: 43 Resp: 94865
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.458 ug/l
RT: 5.77 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 117 Resp: 73827
Ion Ratio Lower Upper
117 100
119 96.5 78.1 117.1
121 32.1 24.6 36.8

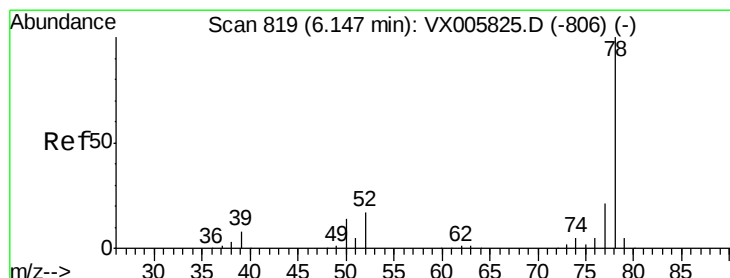
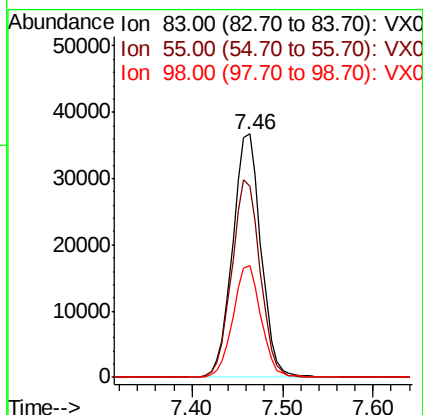
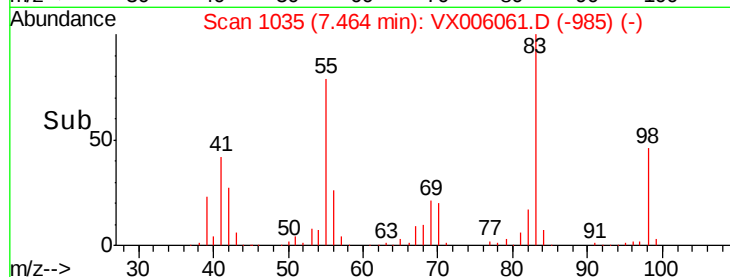
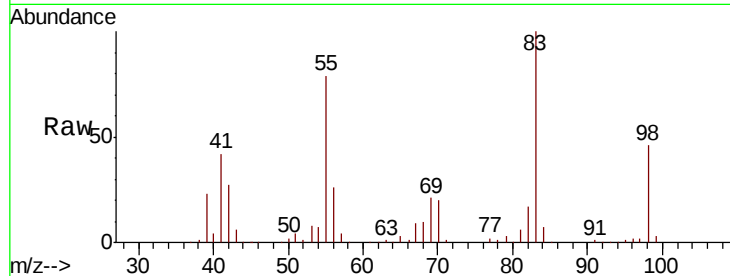




#39
Methvlcvclohexane
Concen: 51.579 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

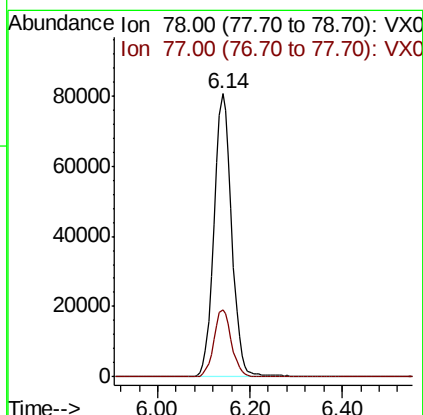
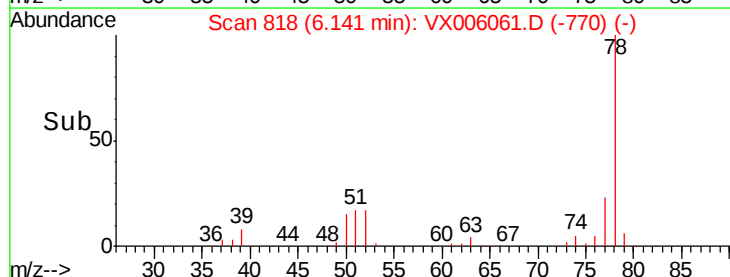
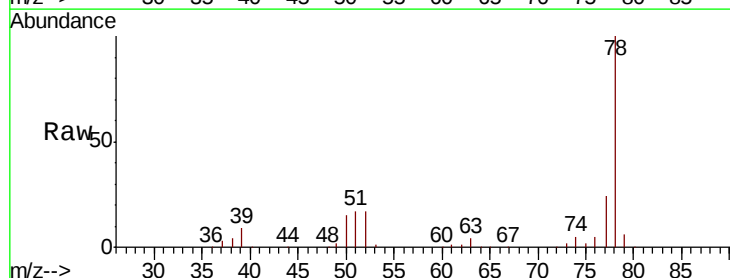
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

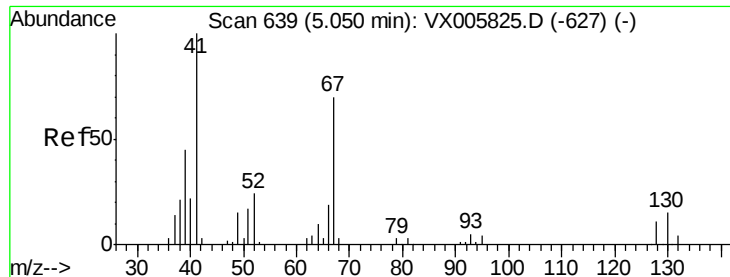
Tot Ion: 83 Resp: 79557
Ion Ratio Lower Upper
83 100
55 78.8 63.7 95.5
98 45.8 36.2 54.2



#40
Benzene
Concen: 48.286 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 78 Resp: 214221
Ion Ratio Lower Upper
78 100
77 23.5 18.4 27.6

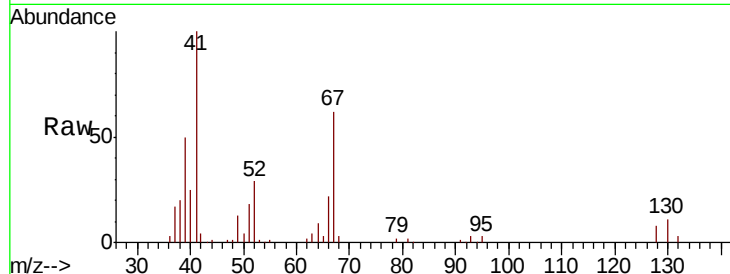




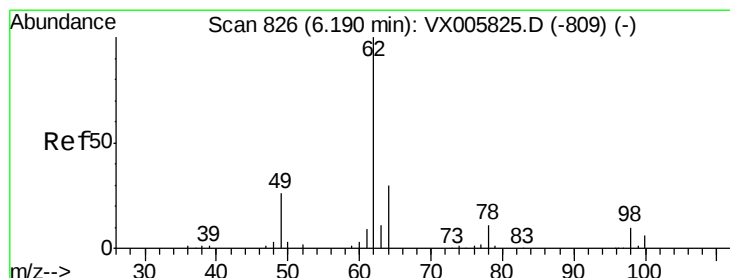
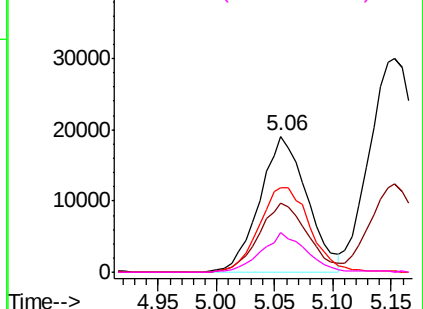
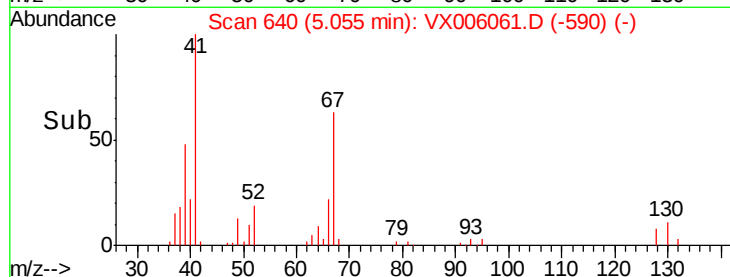
#41
Methacrylonitrile
Concen: 49.780 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	53830
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.2	63.2
67	67.1	53.4	80.0
52	27.5	23.4	35.2

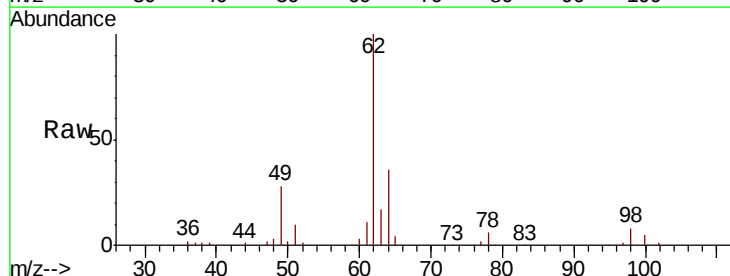


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

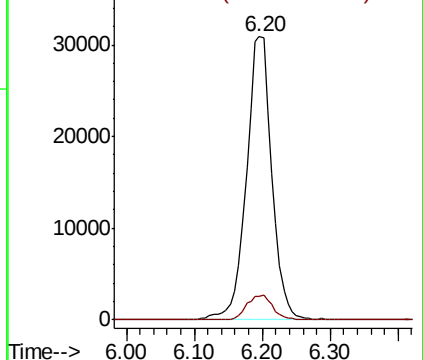
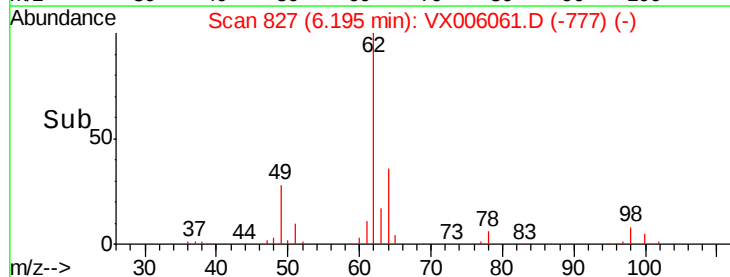


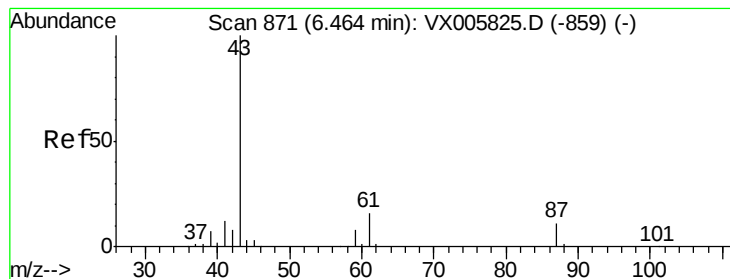
#42
1,2-Dichloroethane
Concen: 50.492 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion:	62	Resp:	80233
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



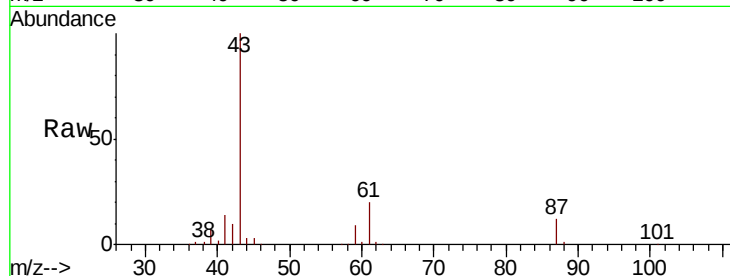


#43

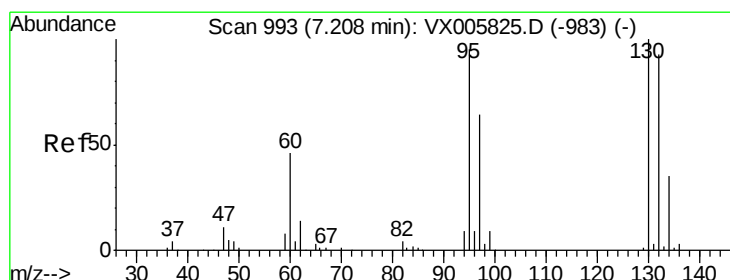
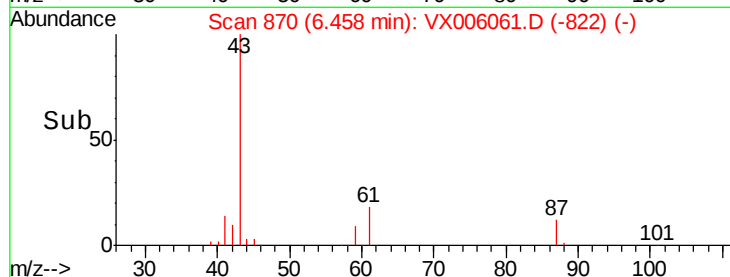
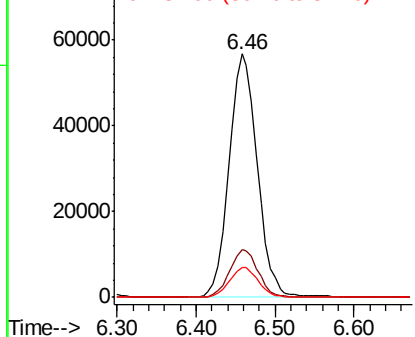
Isopropyl Acetate
 Concen: 48.517 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 140690
 Ion Ratio Lower Upper
 43 100
 61 19.9 14.6 22.0
 87 12.5 9.6 14.4



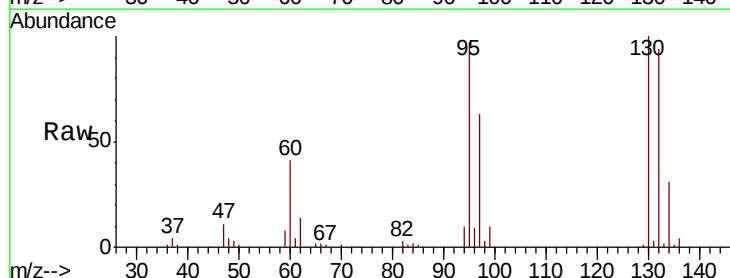
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



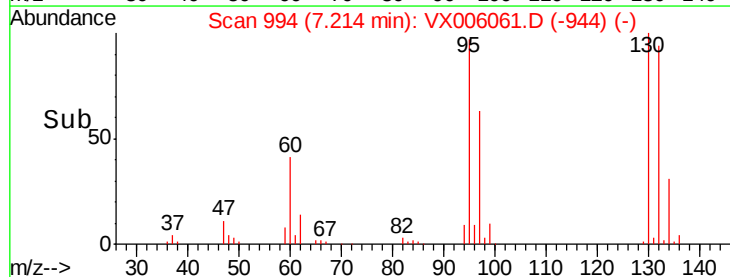
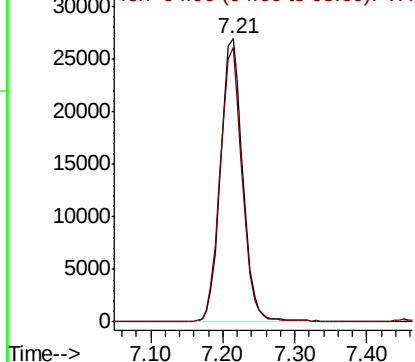
#44

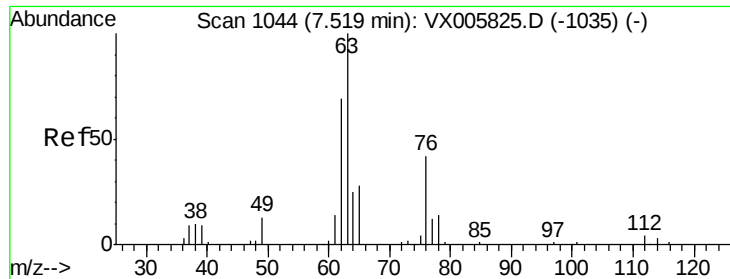
Trichloroethene
 Concen: 51.385 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion:130 Resp: 57894
 Ion Ratio Lower Upper
 130 100
 95 97.2 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.604 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

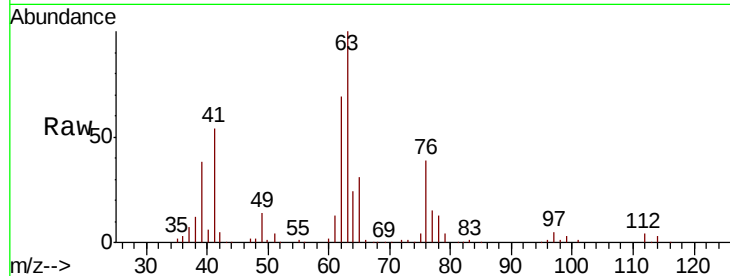
VSTDCCC050

Tot Ion: 63 Resp: 59875

Ion Ratio Lower Upper

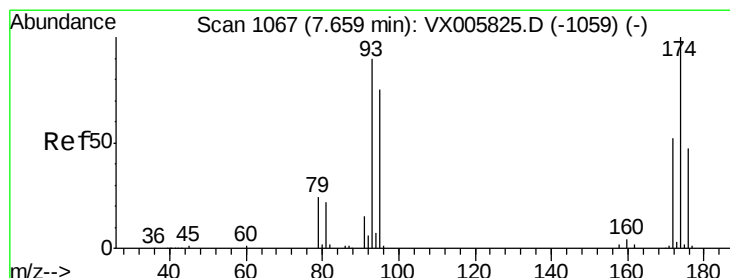
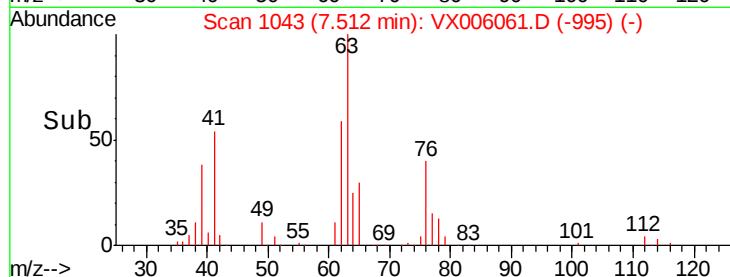
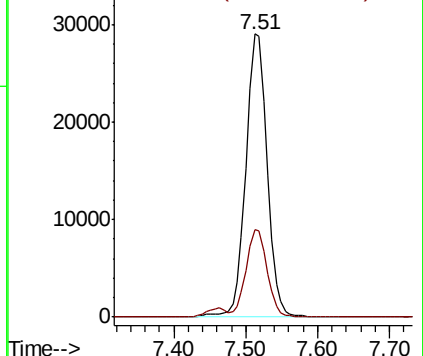
63 100

65 30.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 55.357 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

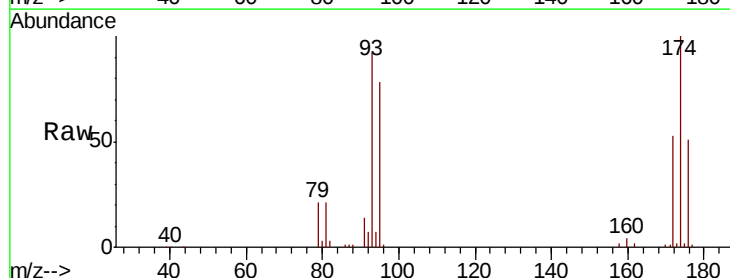
Tgt Ion: 93 Resp: 37405

Ion Ratio Lower Upper

93 100

95 83.3 67.4 101.0

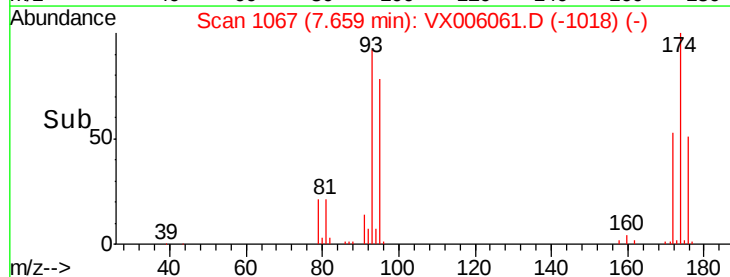
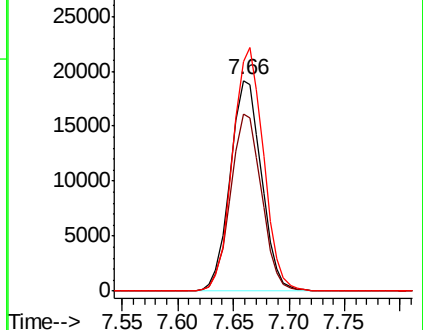
174 113.8 91.5 137.3

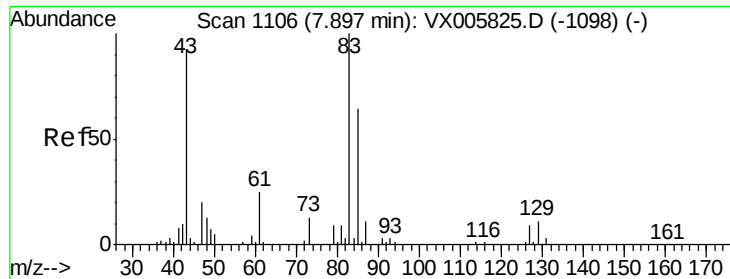


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 59.057 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

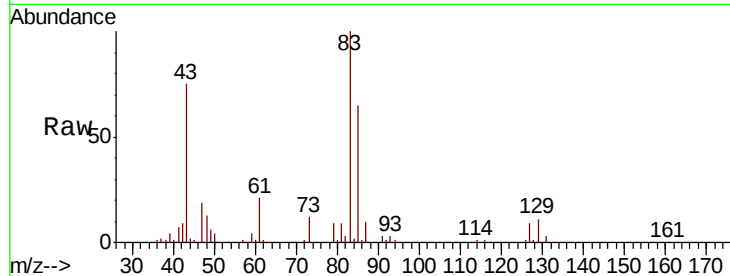
Tot Ion: 83 Resp: 75415

Ion Ratio Lower Upper

83 100

85 65.0 50.2 75.4

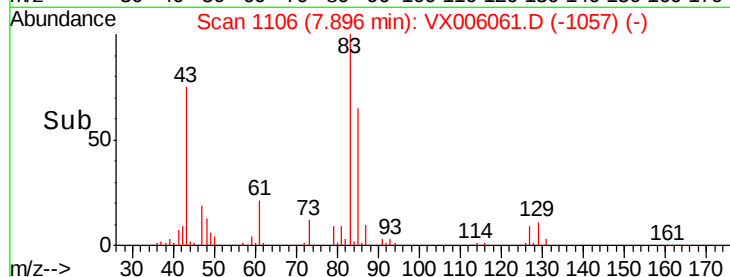
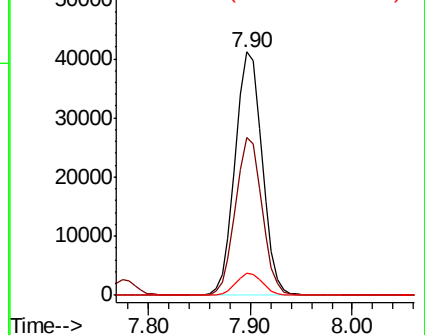
127 9.0 6.9 10.3



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: 57.148 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

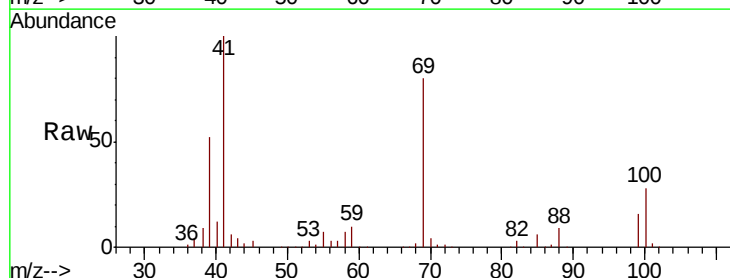
Tgt Ion: 41 Resp: 74411

Ion Ratio Lower Upper

41 100

69 79.9 63.2 94.8

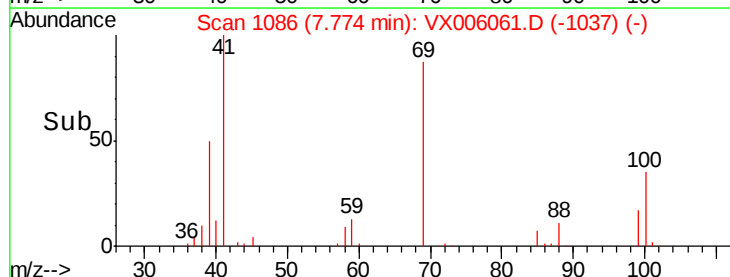
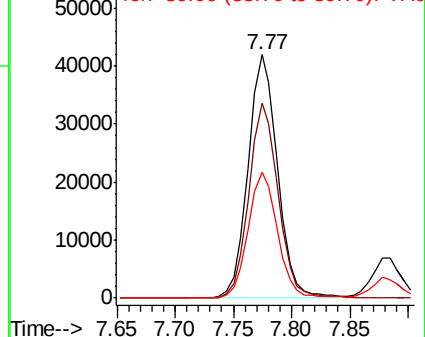
39 51.9 42.2 63.2

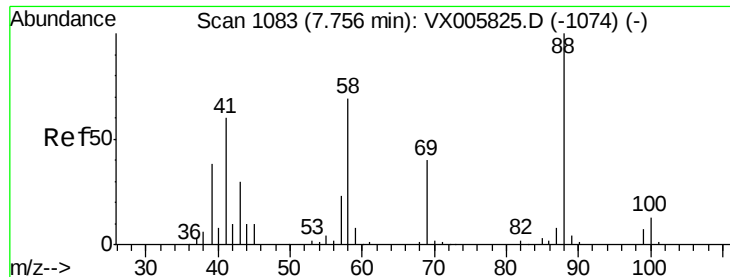


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

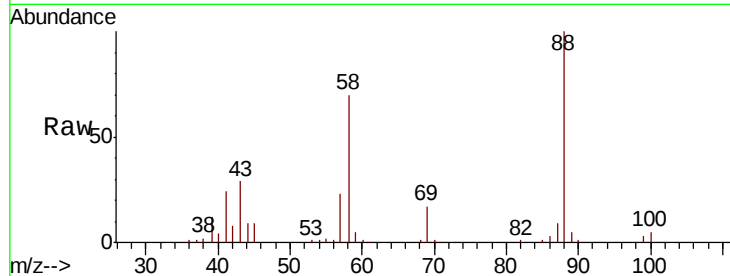




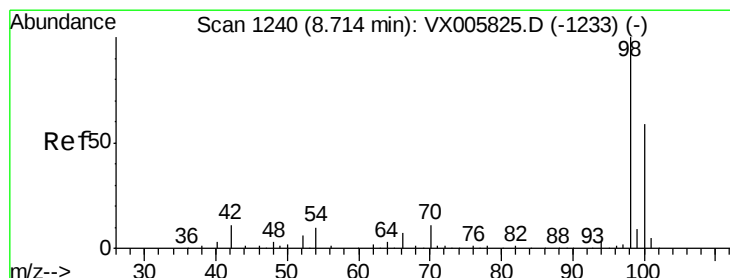
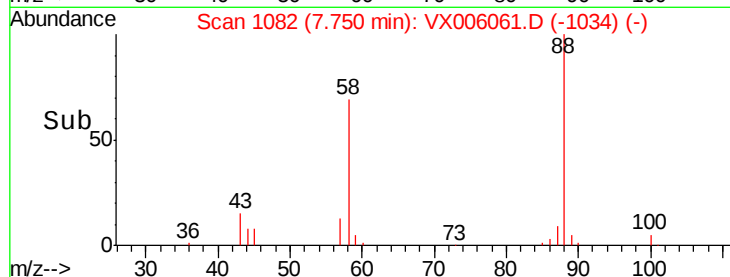
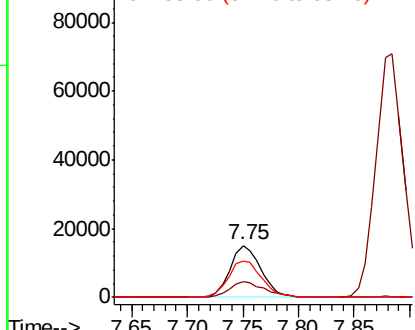
#49
1,4-Dioxane
Concen: 1043.953 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 29291
Ion Ratio Lower Upper
88 100
43 34.0 27.4 41.0
58 74.7 59.4 89.2

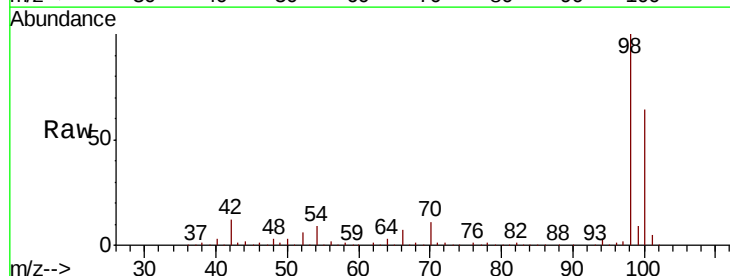


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

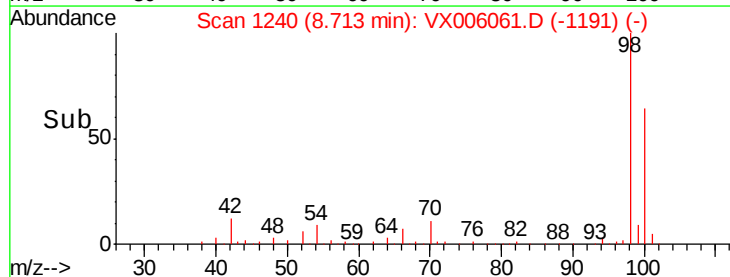
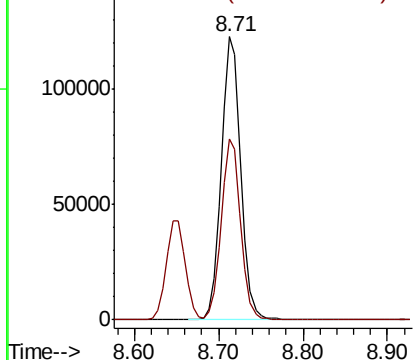


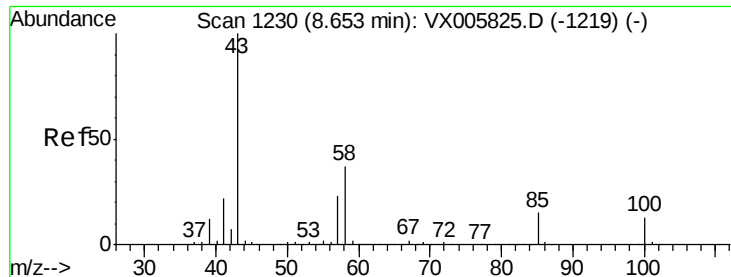
#50
Toluene-d8
Concen: 54.705 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 98 Resp: 195276
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



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: 274.230 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

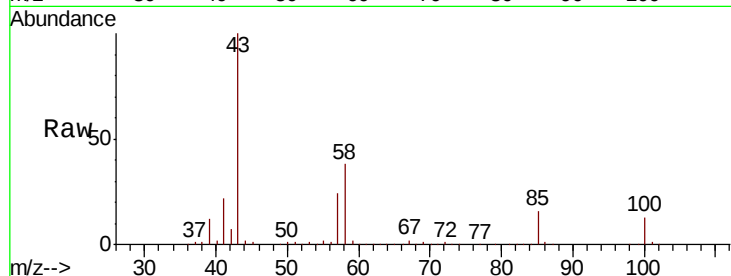
VSTDCCC050

Tot Ion: 43 Resp: 501176

Ion Ratio Lower Upper

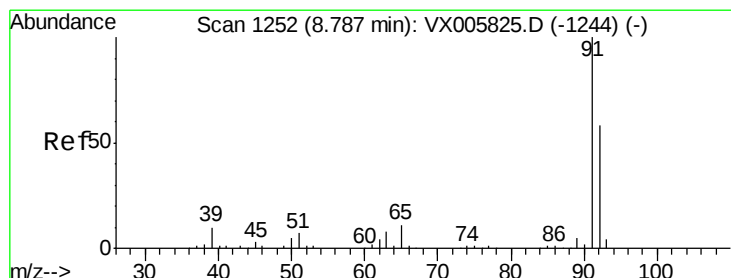
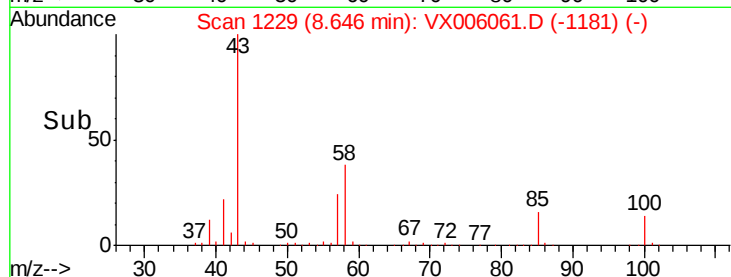
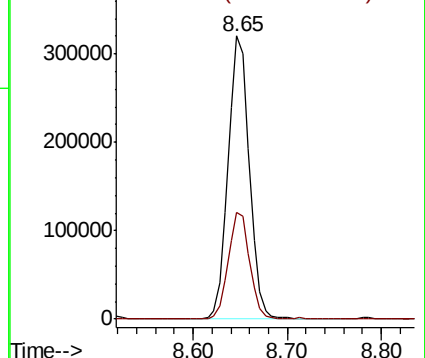
43 100

58 37.6 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.524 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006061.D

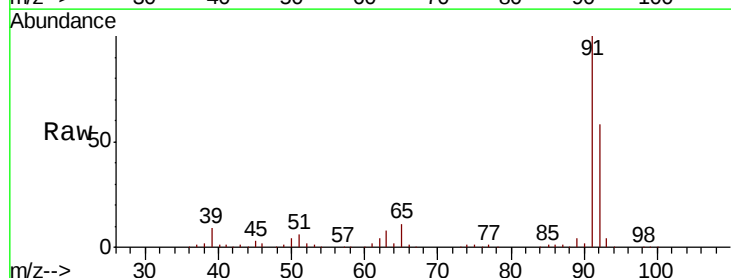
Acq: 17 Nov 2018 11:07

Tgt Ion: 92 Resp: 127753

Ion Ratio Lower Upper

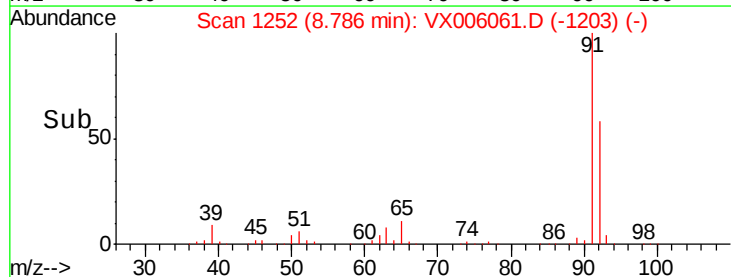
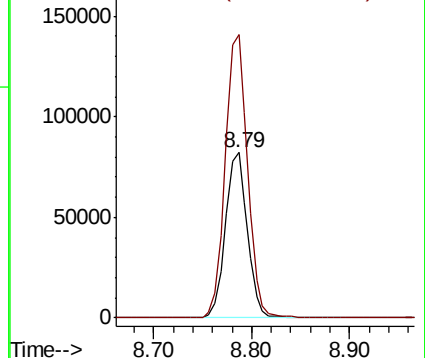
92 100

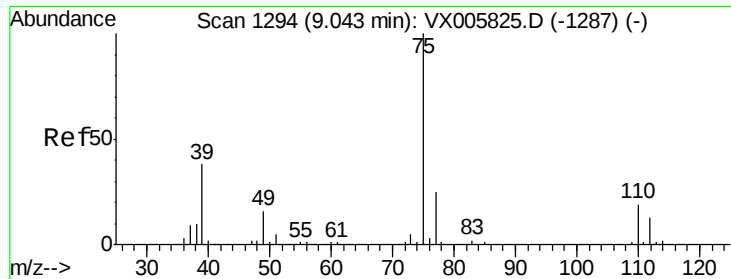
91 174.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

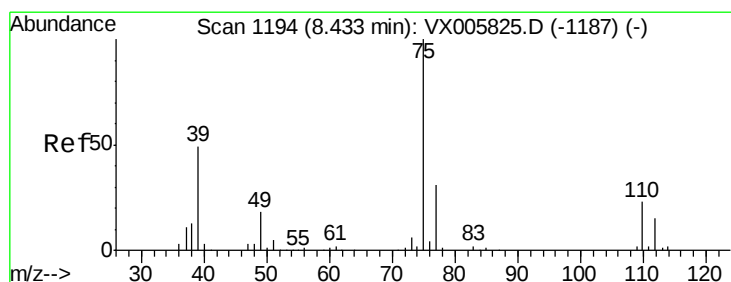
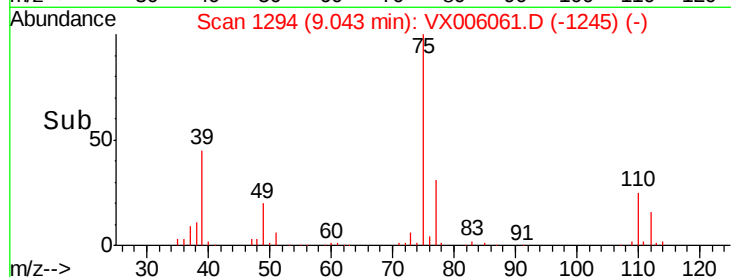
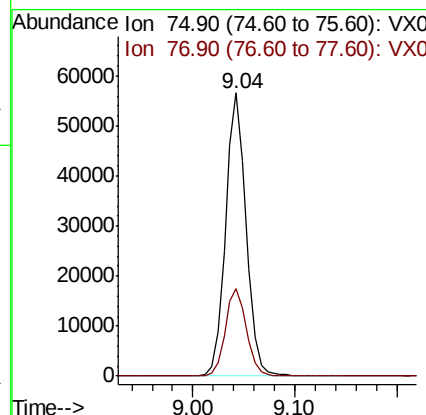
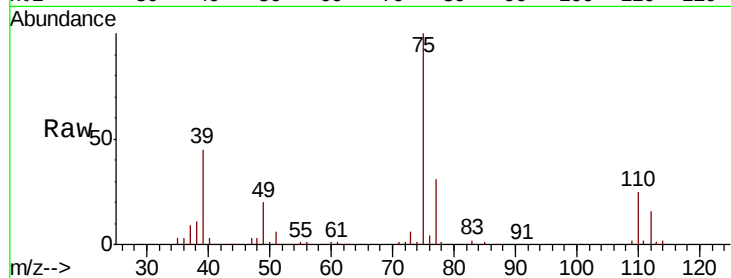




#53
 t-1,3-Dichloropropene
 Concen: 52.361 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

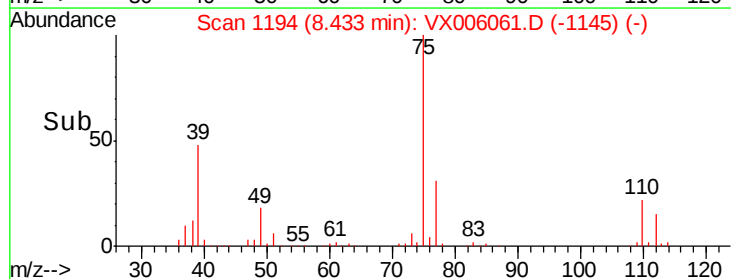
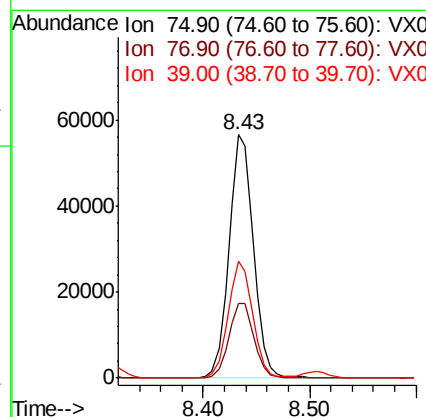
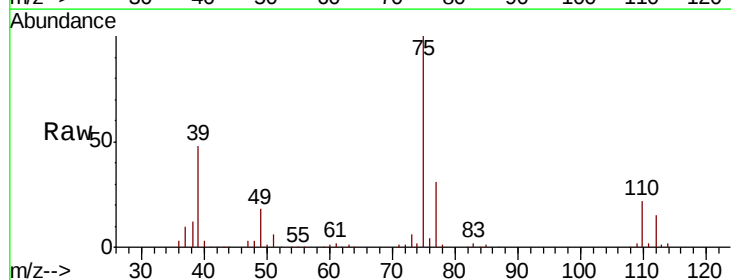
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

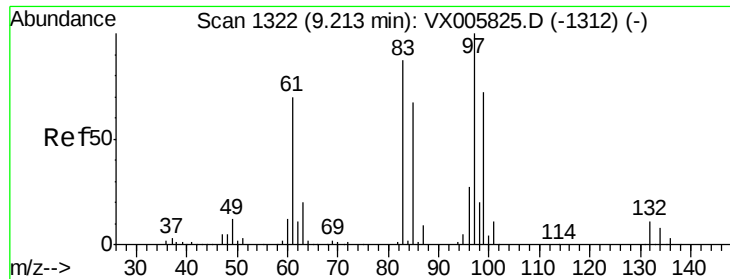
Tot Ion: 75 Resp: 78907
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 59.151 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion: 75 Resp: 90855
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8
 39 47.8 38.2 57.2

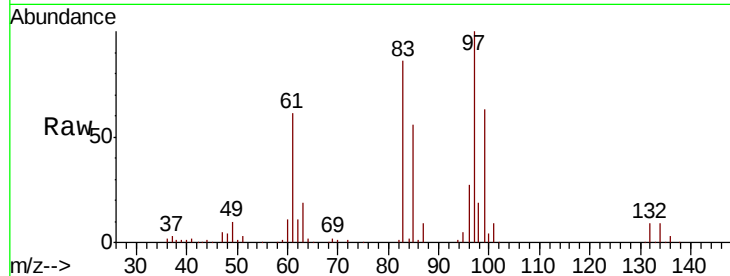




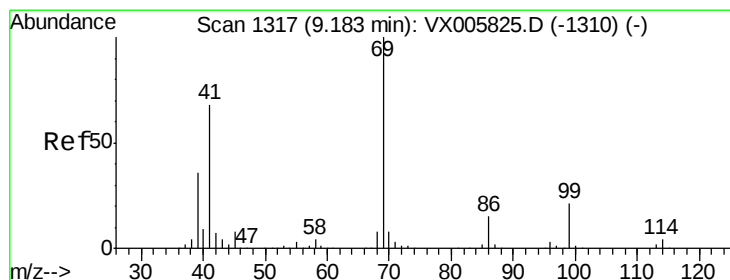
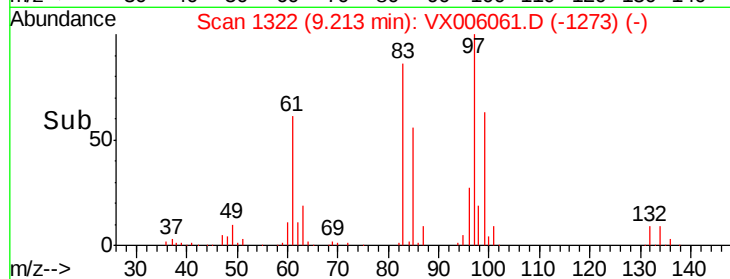
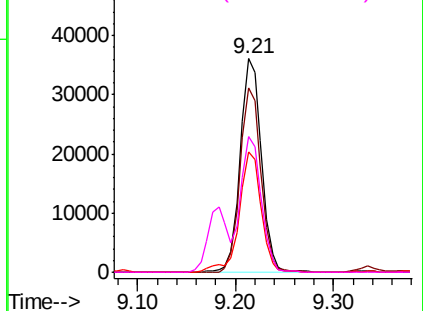
#55
 1,1,2-Trichloroethane
 Concen: 49.287 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 54464
 Ion Ratio Lower Upper
 97 100
 83 86.0 70.7 106.1
 85 56.4 45.8 68.6
 99 63.5 51.8 77.8

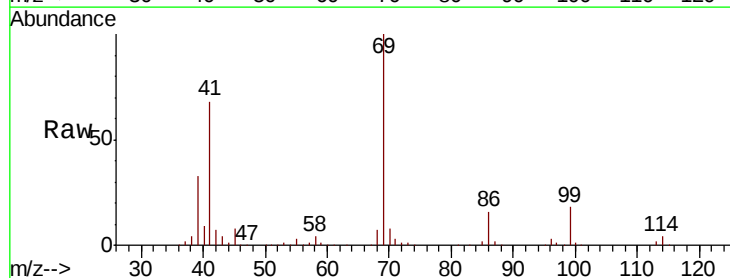


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

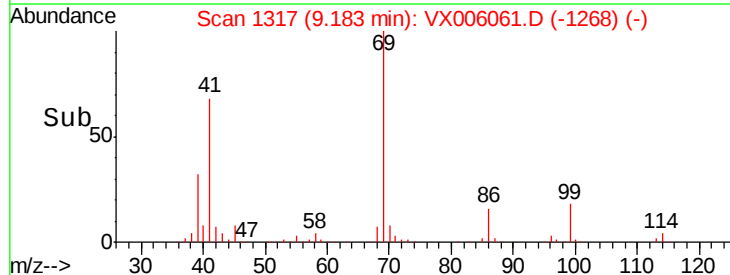
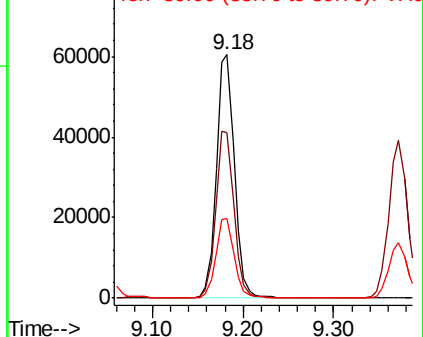


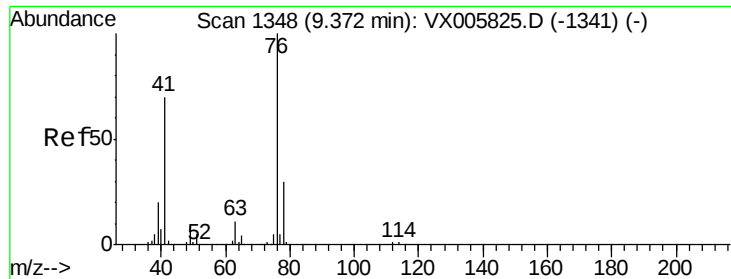
#56
 Ethyl methacrylate
 Concen: 50.995 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion: 69 Resp: 84316
 Ion Ratio Lower Upper
 69 100
 41 69.7 57.0 85.6
 39 33.5 28.3 42.5



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

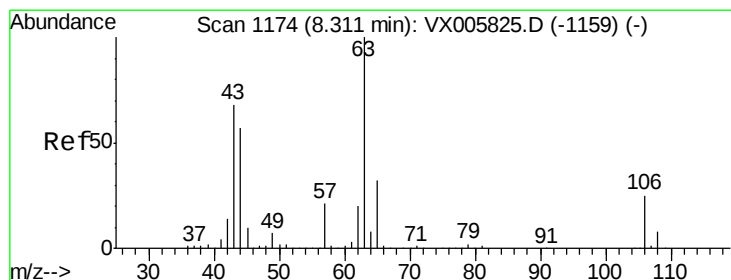
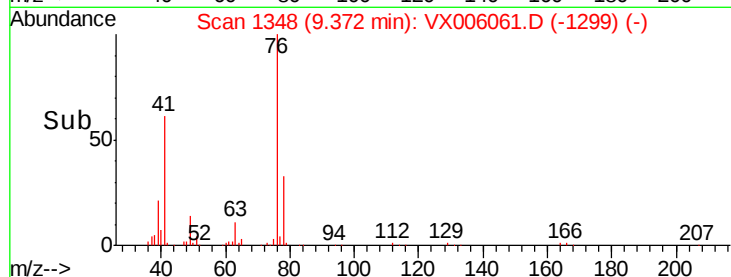
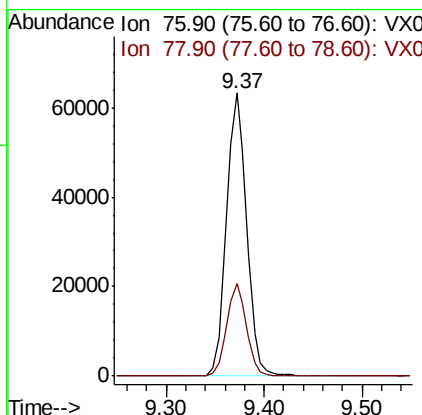
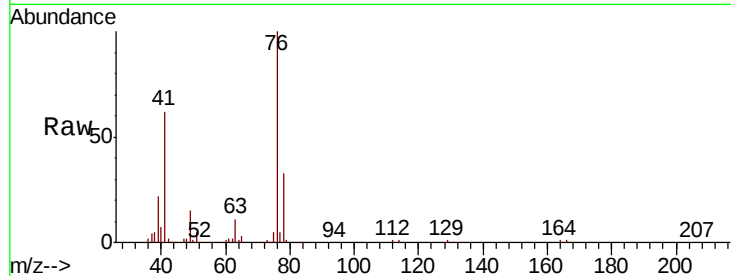




#57
 1,3-Dichloropropane
 Concen: 48.643 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

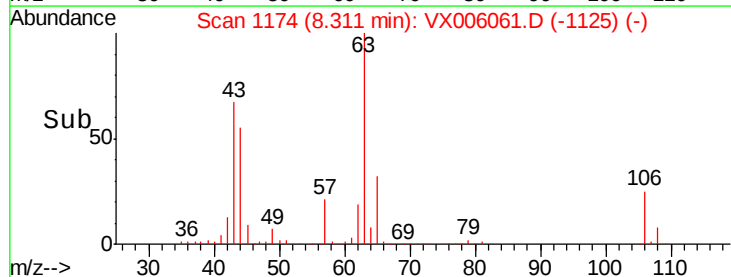
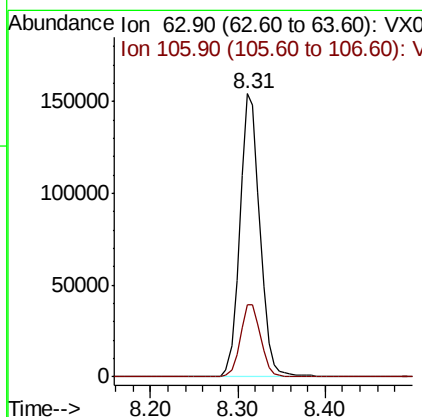
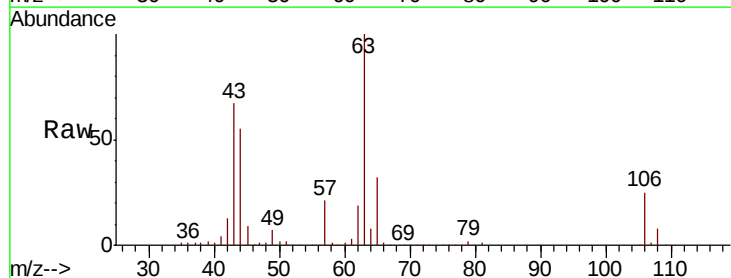
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

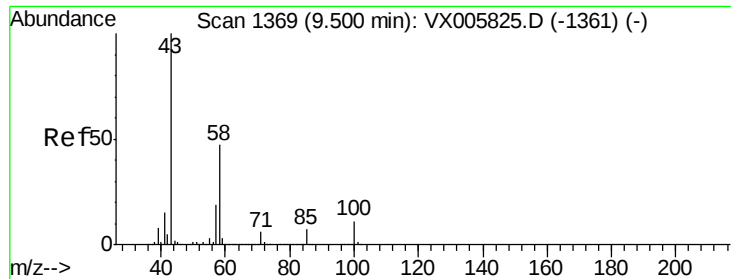
Tot Ion: 76 Resp: 90331
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.019 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion: 63 Resp: 246690
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.3 31.9

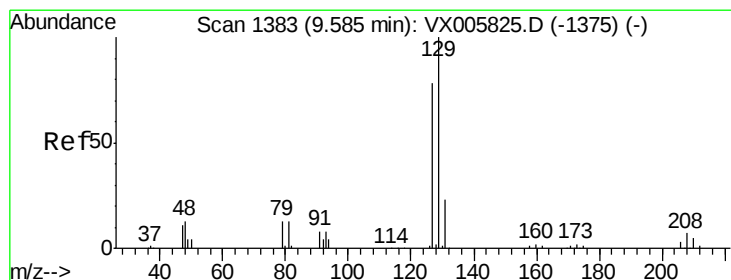
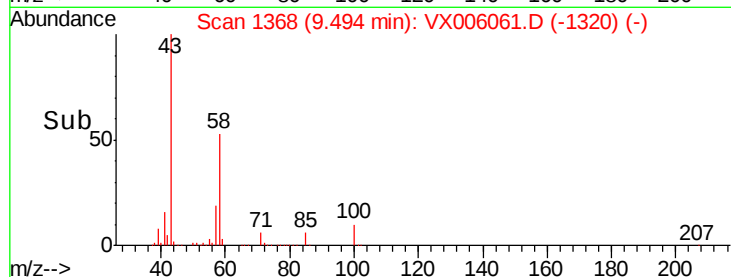
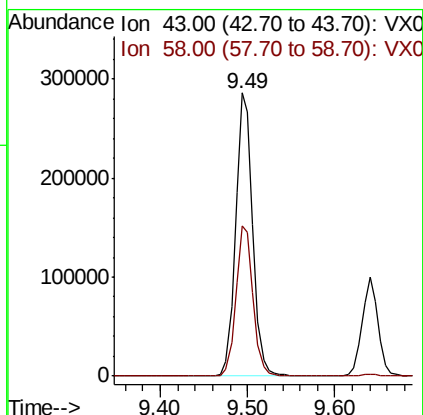
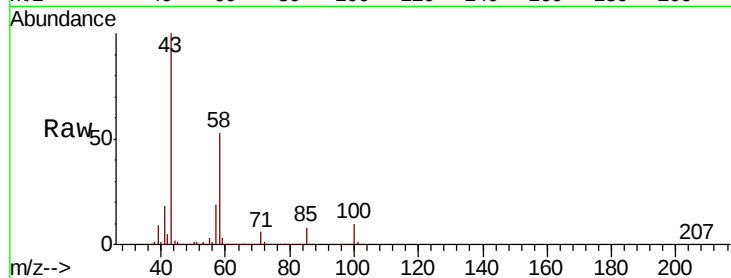




#59
2-Hexanone
Concen: 242.262 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

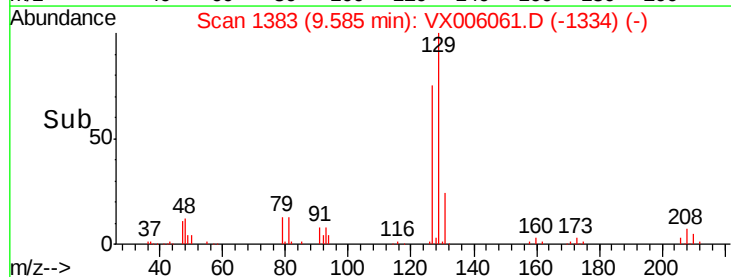
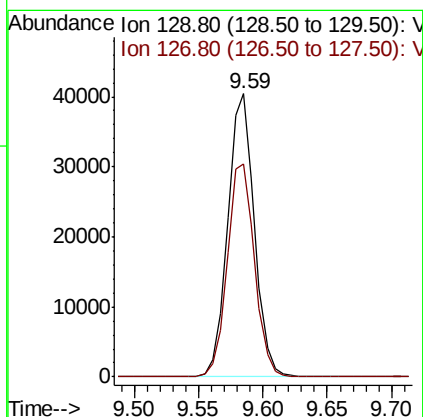
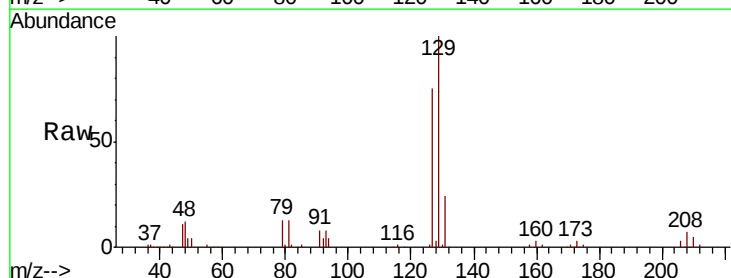
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

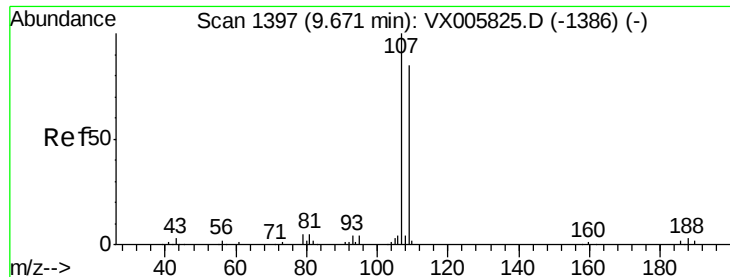
Tot Ion: 43 Resp: 390266
Ion Ratio Lower Upper
43 100
58 53.3 25.9 77.8



#60
Dibromochloromethane
Concen: 48.912 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion:129 Resp: 58414
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 46.092 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

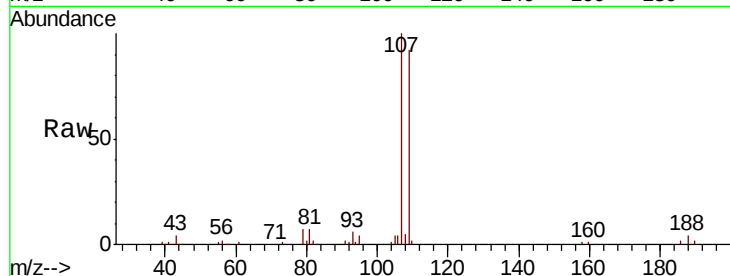
VSTDCCC050

Tot Ion:107 Resp: 56321

Ion Ratio Lower Upper

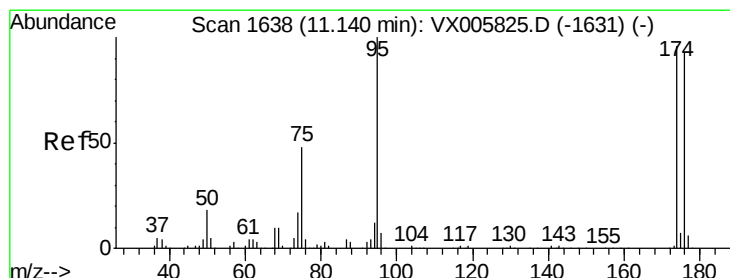
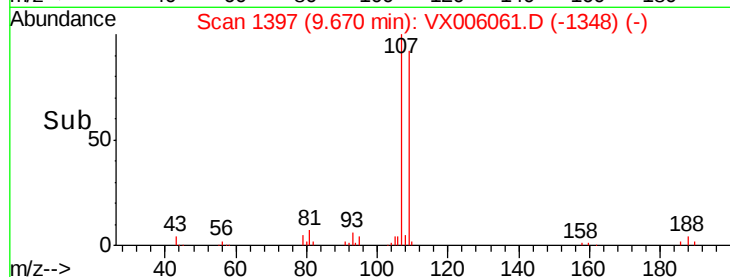
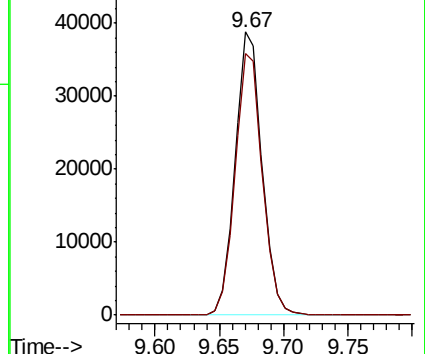
107 100

109 94.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.007 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

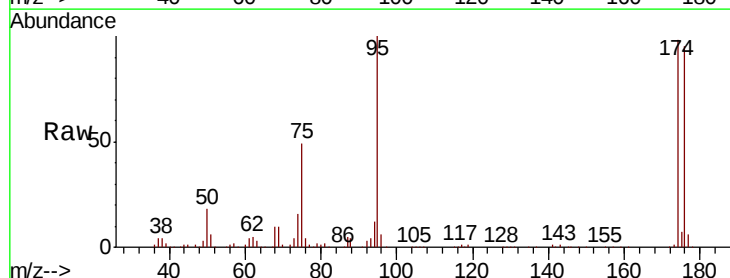
Tgt Ion: 95 Resp: 71880

Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

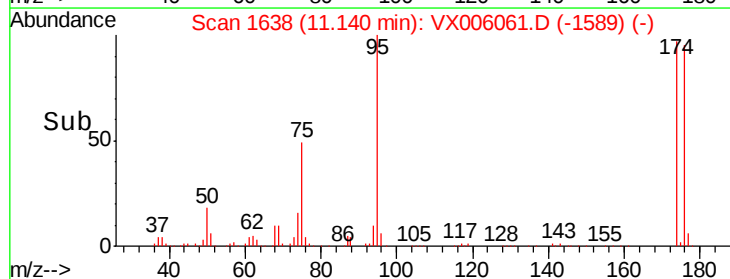
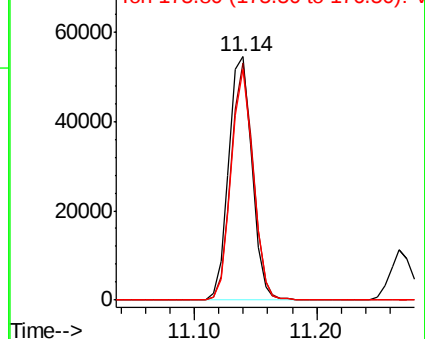
176 89.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

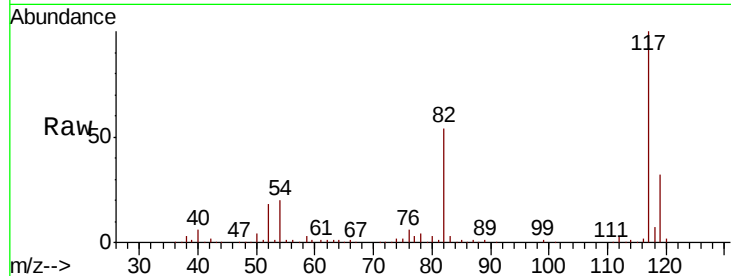




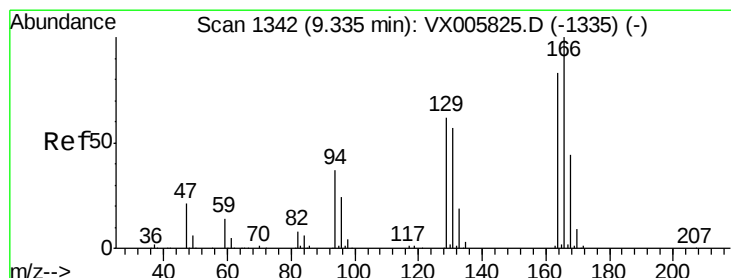
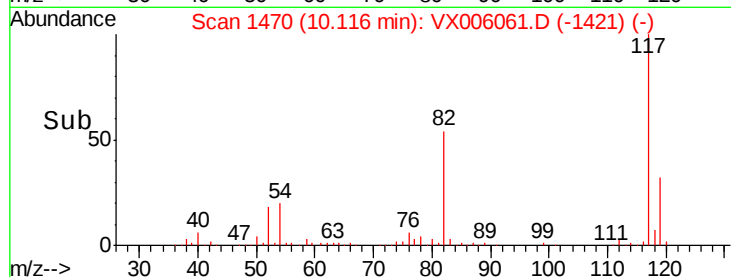
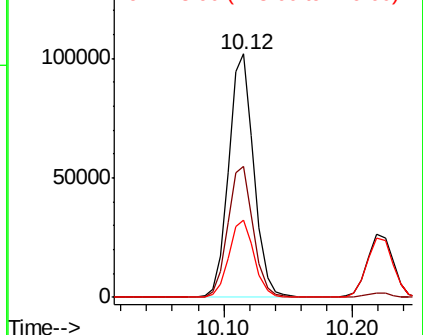
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:117 Resp: 138805
Ion Ratio Lower Upper
117 100
82 53.7 44.1 66.1
119 31.8 26.2 39.2



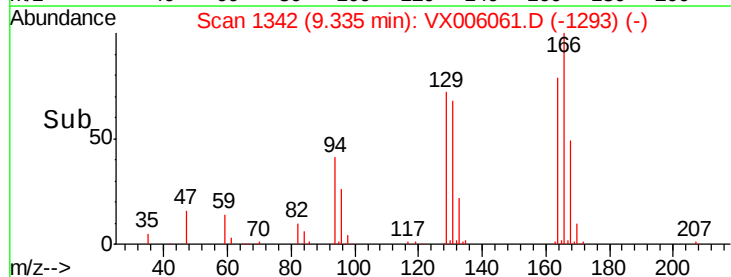
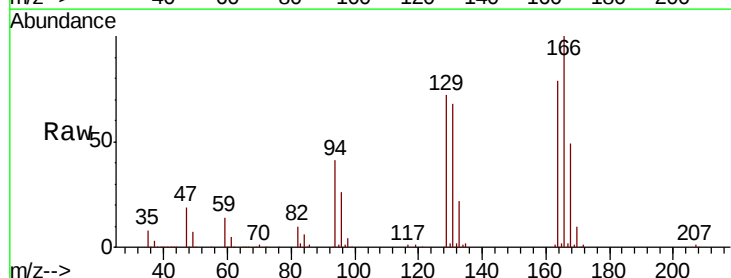
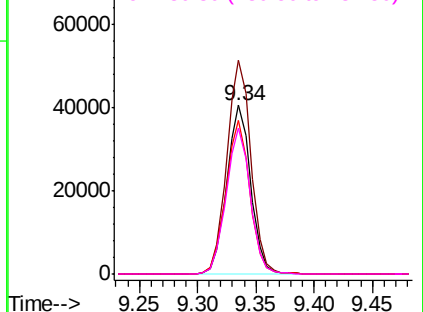
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

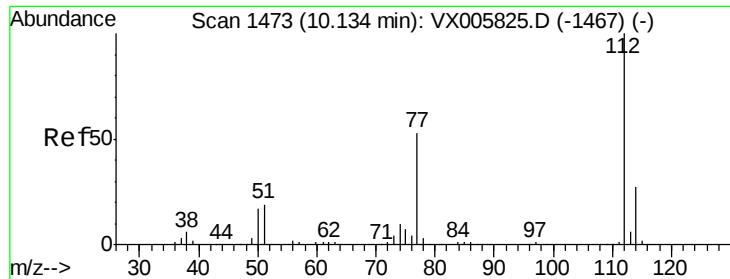


#64
Tetrachloroethene
Concen: 48.943 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion:164 Resp: 57840
Ion Ratio Lower Upper
164 100
166 126.5 101.9 152.9
129 90.8 72.6 109.0
131 86.6 71.1 106.7

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

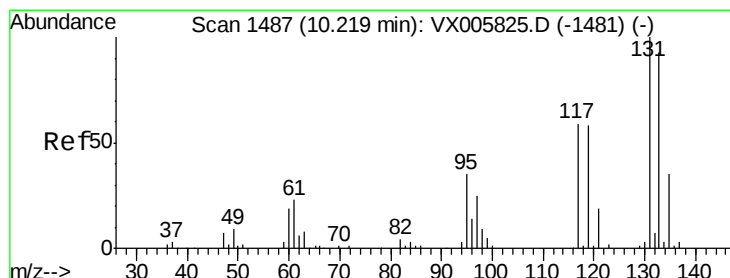
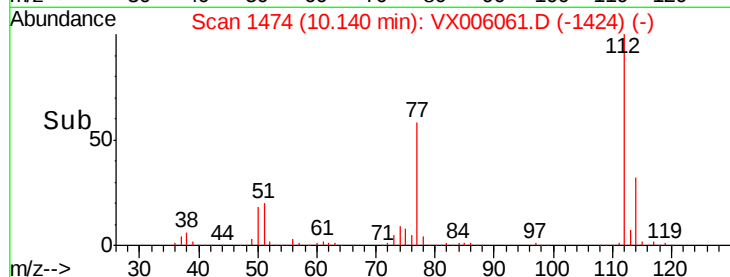
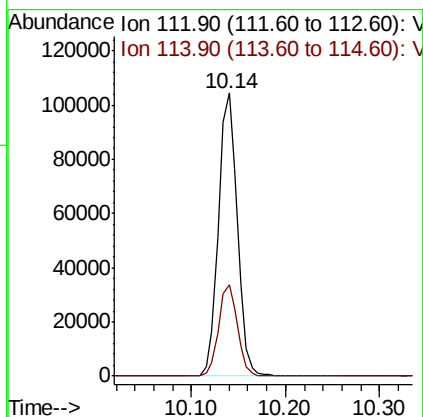
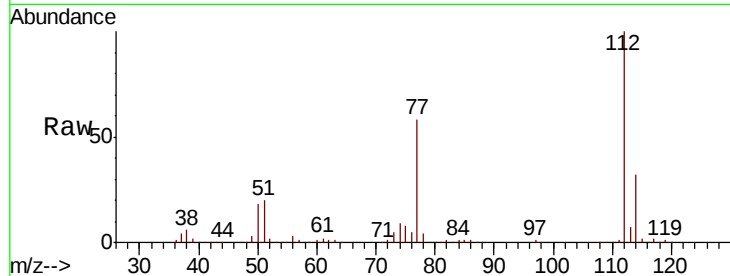




#65
Chlorobenzene
Concen: 52.095 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

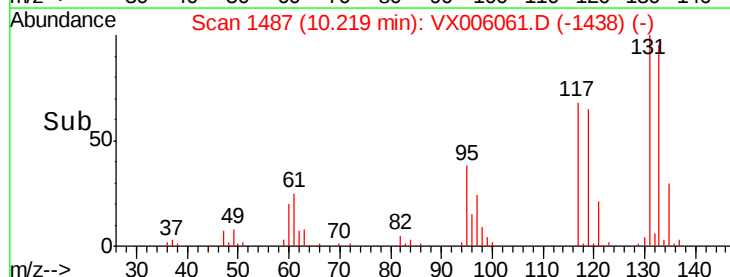
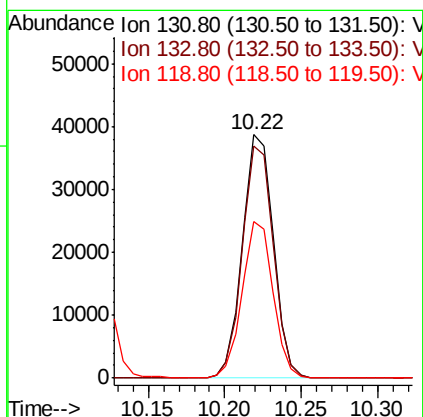
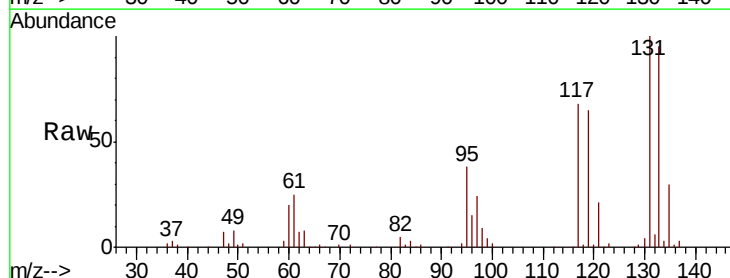
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

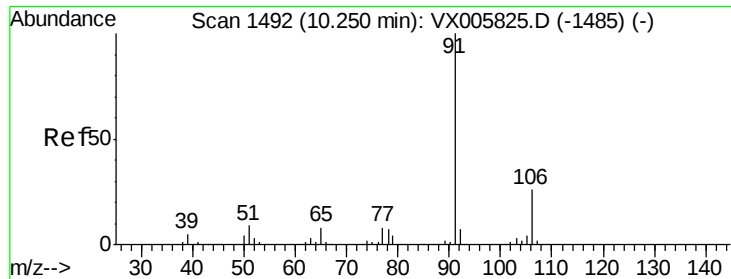
Tot Ion:112 Resp: 144860
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.358 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion:131 Resp: 54483
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 64.0 31.8 95.3

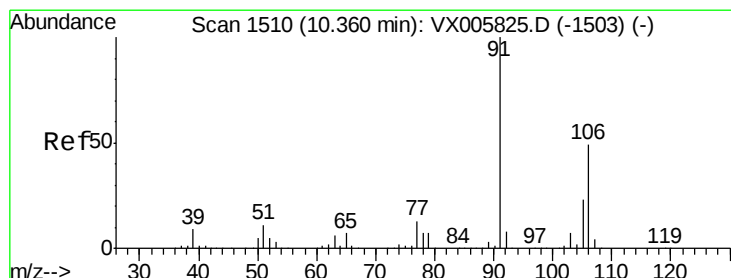
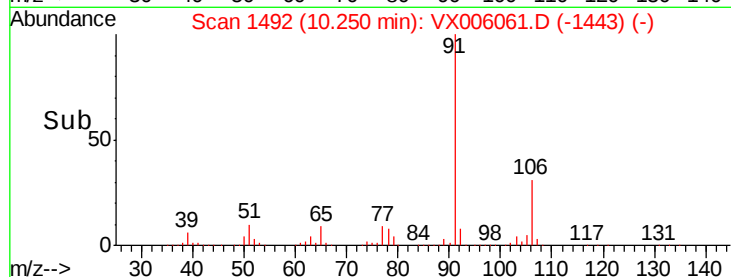
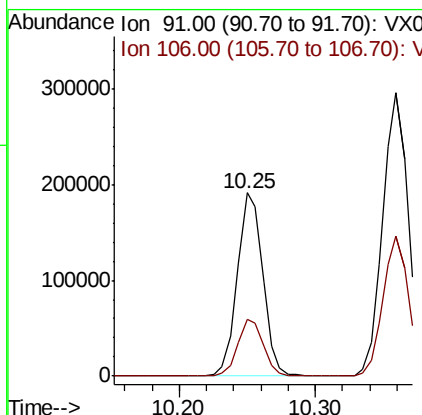
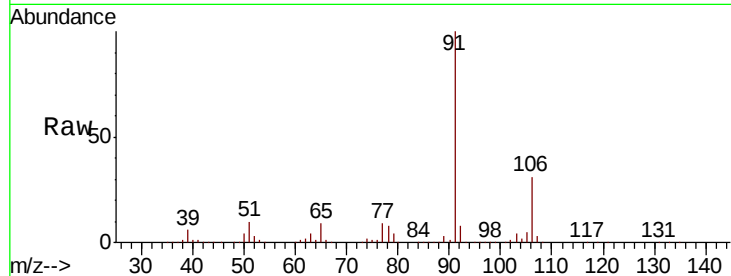




#67
Ethyl Benzene
Concen: 55.897 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

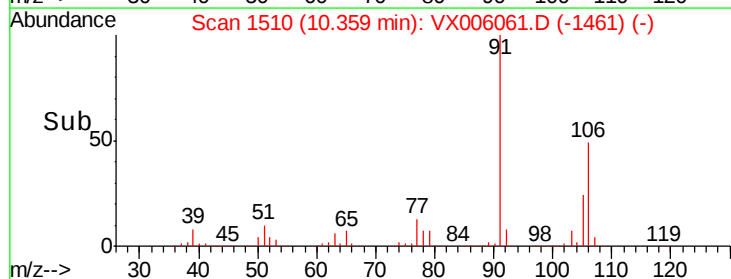
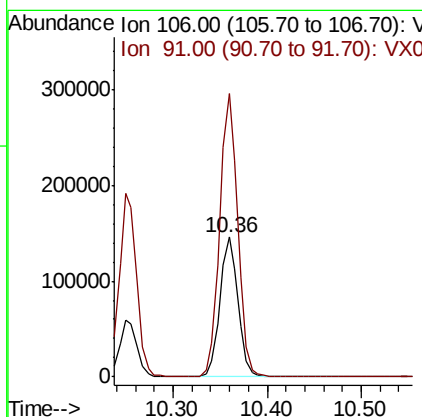
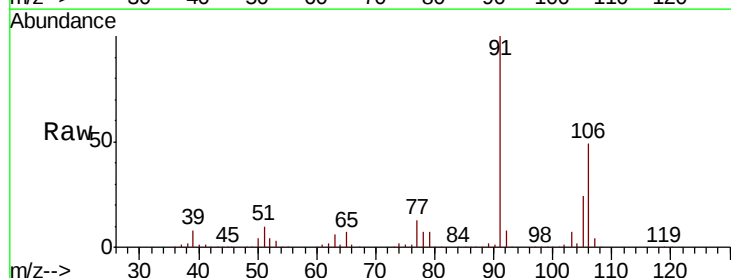
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

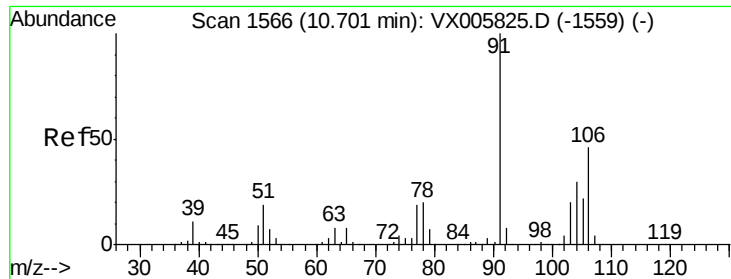
Tot Ion: 91 Resp: 249243
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6



#68
m/p-Xylenes
Concen: 113.297 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 106 Resp: 192696
Ion Ratio Lower Upper
106 100
91 203.8 164.2 246.4

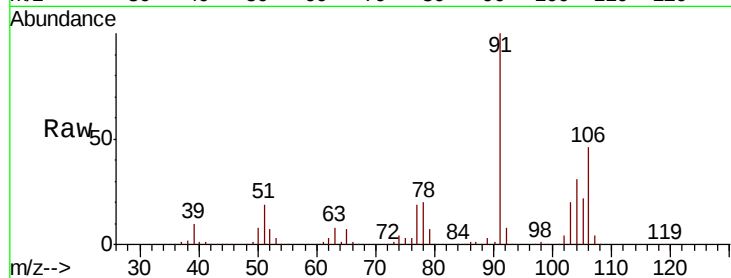




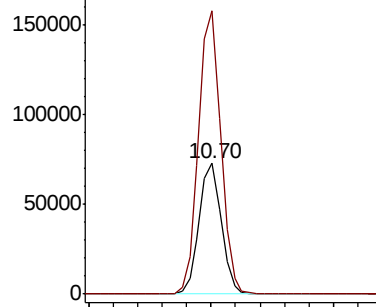
#69
o-Xylene
Concen: 59.919 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

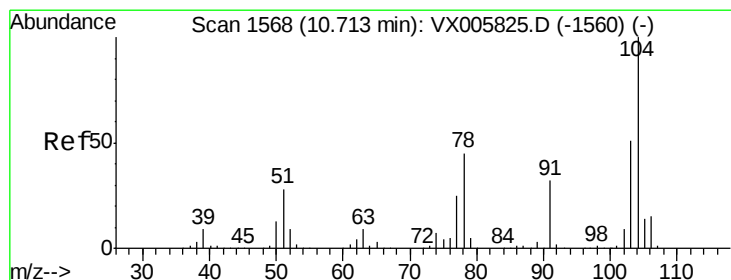
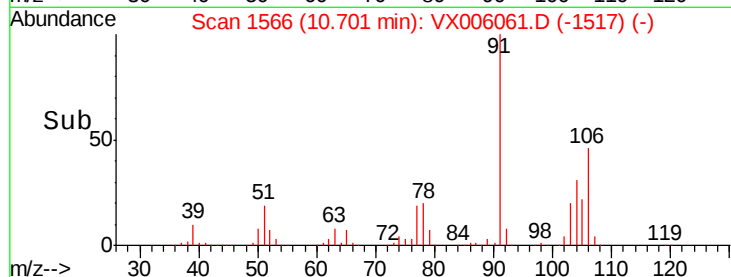
Tot Ion:106 Resp: 91383
Ion Ratio Lower Upper
106 100
91 217.6 108.5 325.5



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

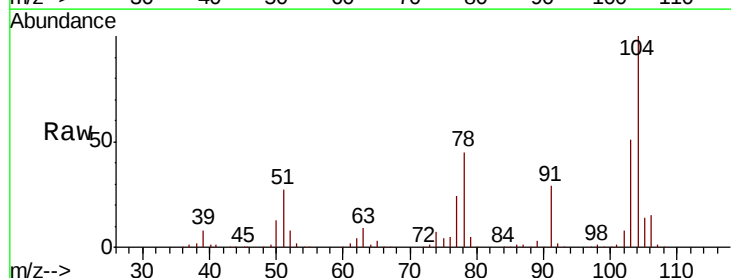


Time--> 10.60 10.70 10.80

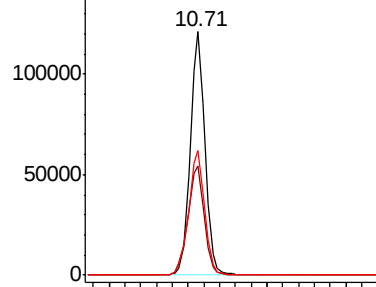


#70
Styrene
Concen: 62.619 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

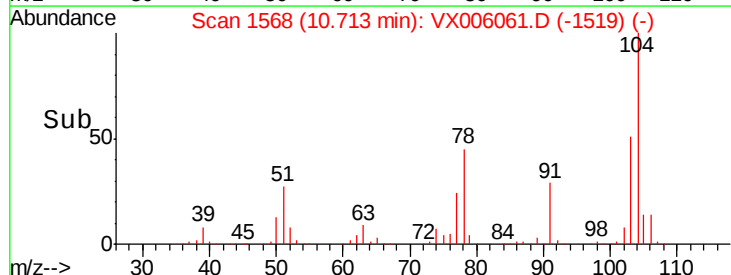
Tgt Ion:104 Resp: 157542
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.4
103 55.2 44.9 67.3

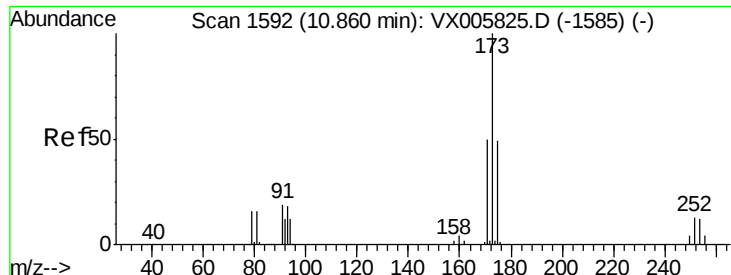


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80 10.90





#71

Bromoform

Concen: 60.474 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

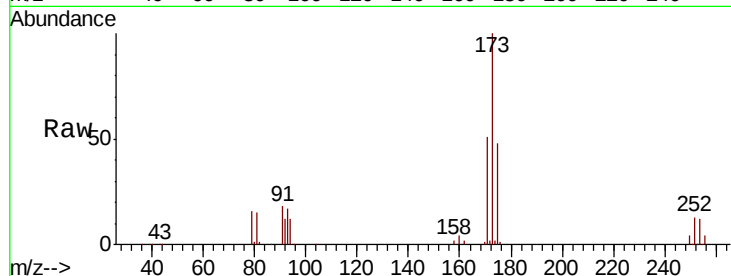
Tot Ion:173 Resp: 49008

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.3

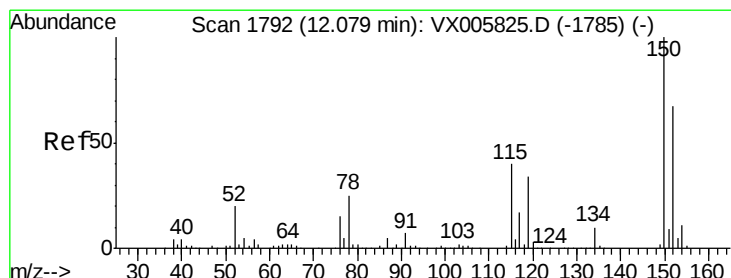
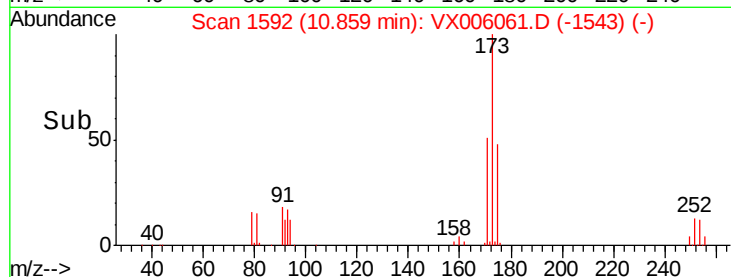
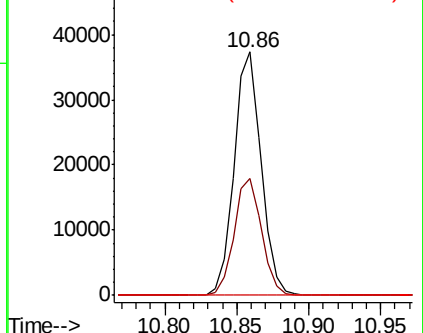
254 0.1 0.2 0.2#



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: VX006061.D

Acq: 17 Nov 2018 11:07

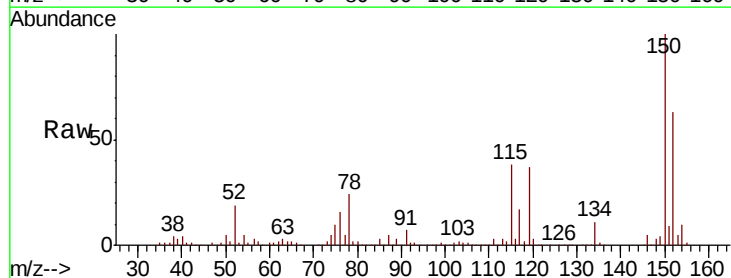
Tgt Ion:152 Resp: 79498

Ion Ratio Lower Upper

152 100

115 78.7 39.4 118.1

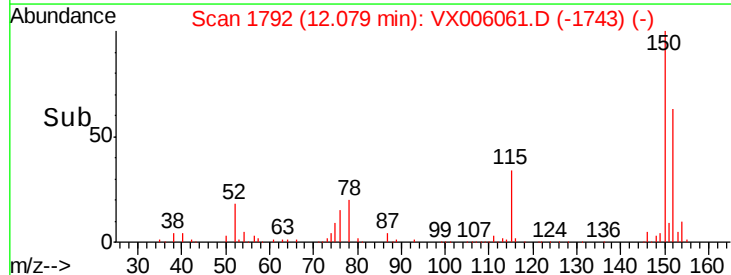
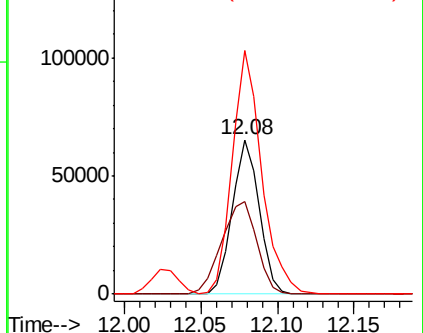
150 173.2 0.0 346.4

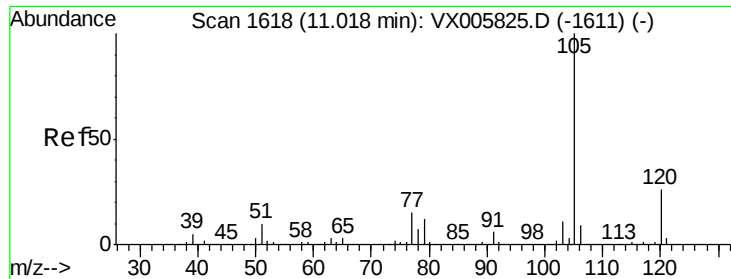


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.184 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

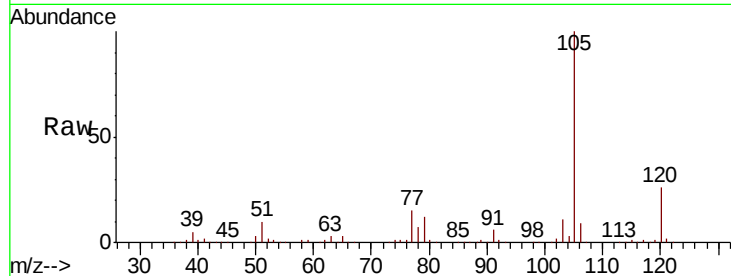
VSTDCCC050

Tot Ion:105 Resp: 258295

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

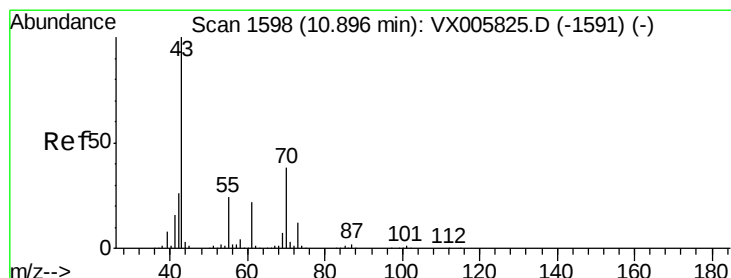
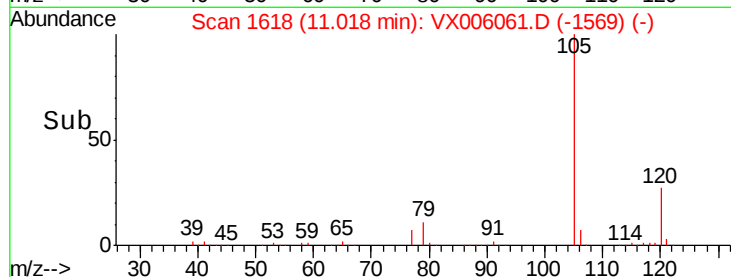
50000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 48.099 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Tgt Ion: 43 Resp: 123945

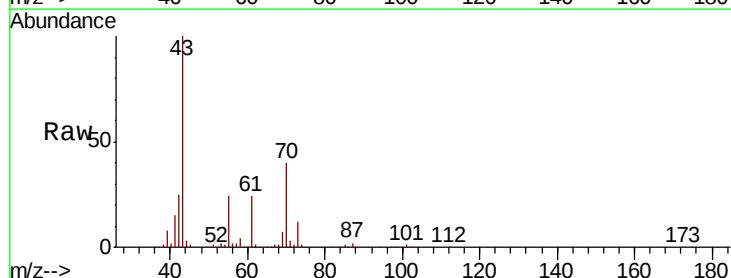
Ion Ratio Lower Upper

43 100

70 40.5 31.6 47.4

55 24.9 19.7 29.5

61 23.5 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

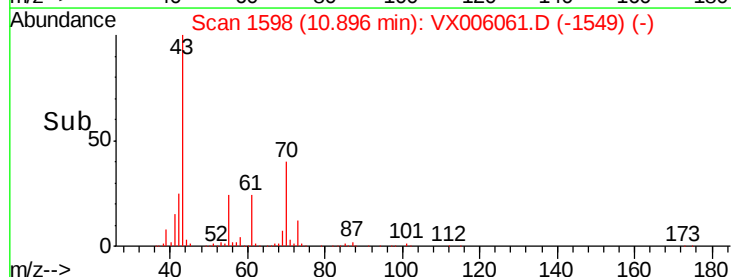
50000

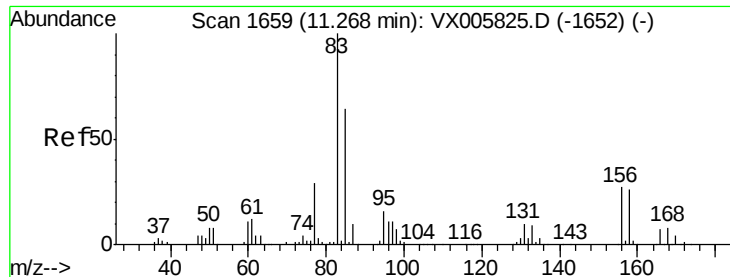
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.658 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

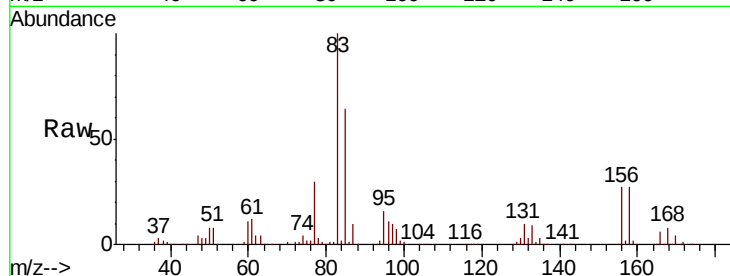
Tot Ion: 83 Resp: 88855

Ion Ratio Lower Upper

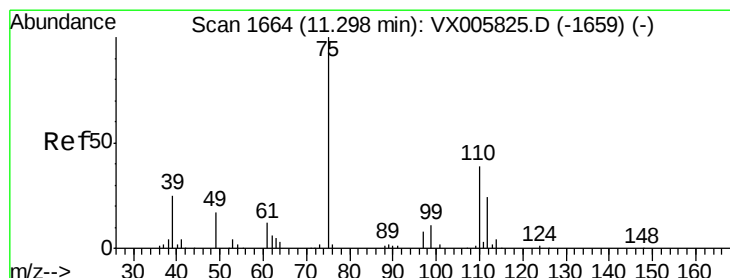
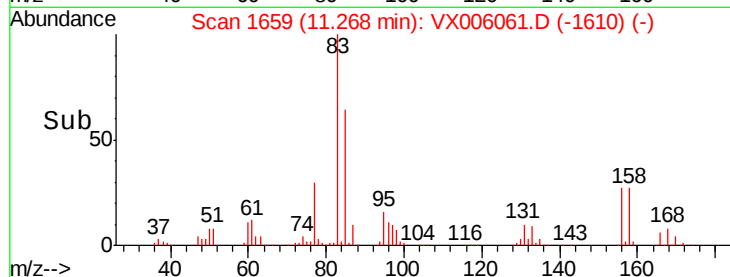
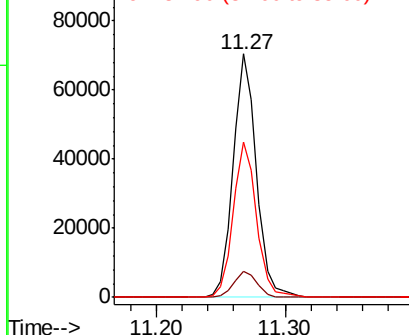
83 100

131 10.6 5.3 15.9

85 64.1 32.0 96.2



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: 67.390 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006061.D

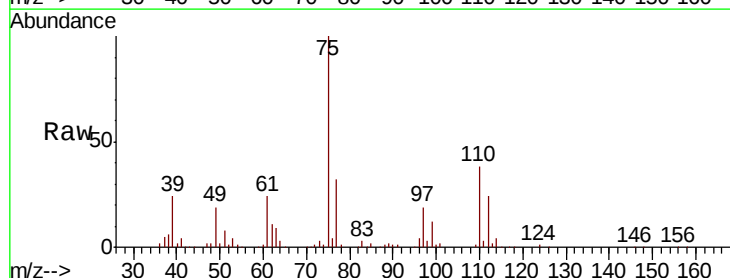
Acq: 17 Nov 2018 11:07

Tgt Ion: 75 Resp: 109088

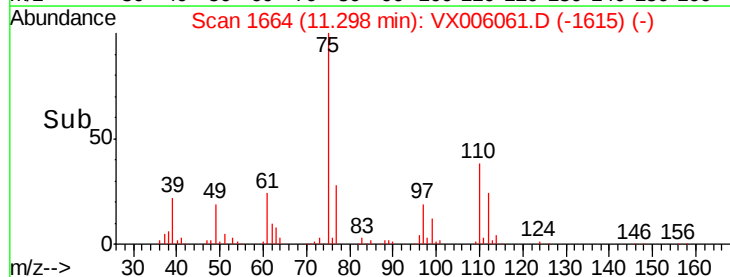
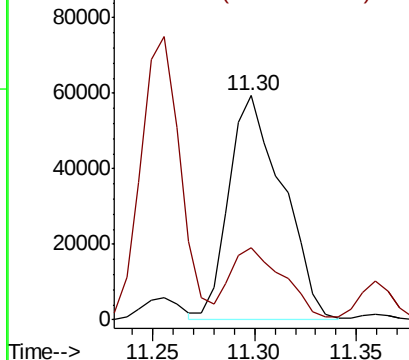
Ion Ratio Lower Upper

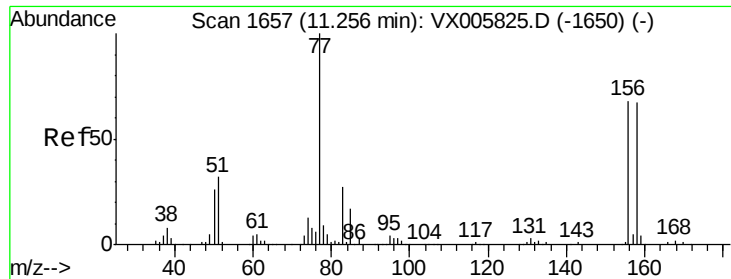
75 100

77 31.6 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.609 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

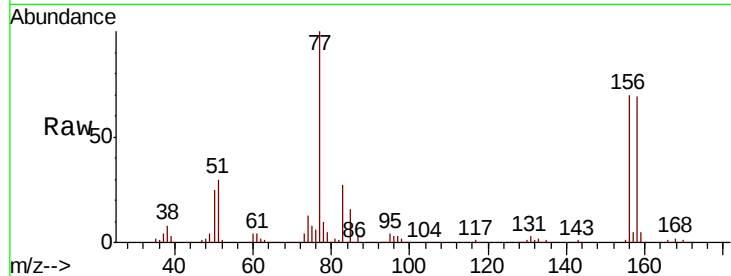
Tot Ion:156 Resp: 68170

Ion Ratio Lower Upper

156 100

77 148.1 74.8 224.4

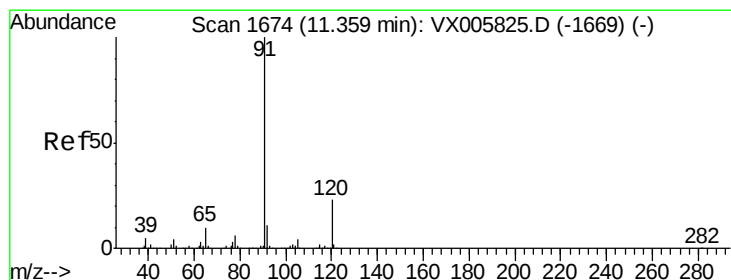
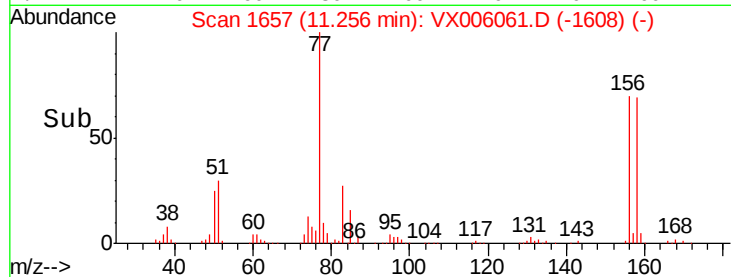
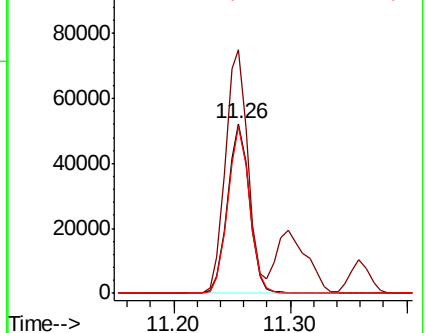
158 98.1 49.1 147.3



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: 55.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006061.D

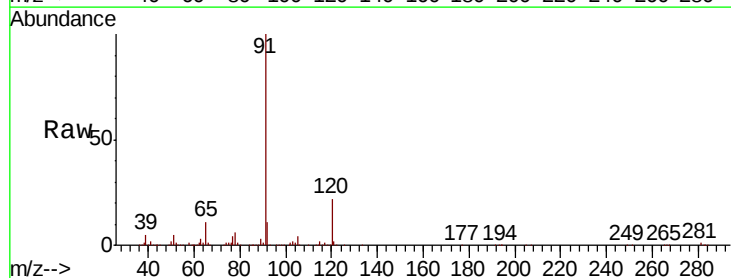
Acq: 17 Nov 2018 11:07

Tgt Ion: 91 Resp: 302093

Ion Ratio Lower Upper

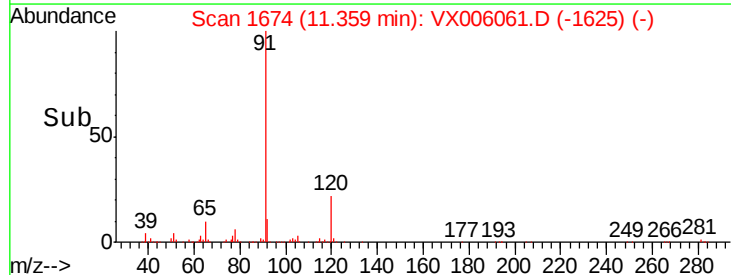
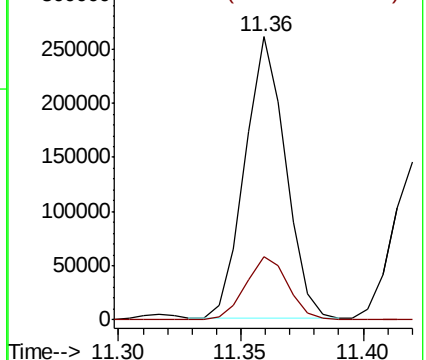
91 100

120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

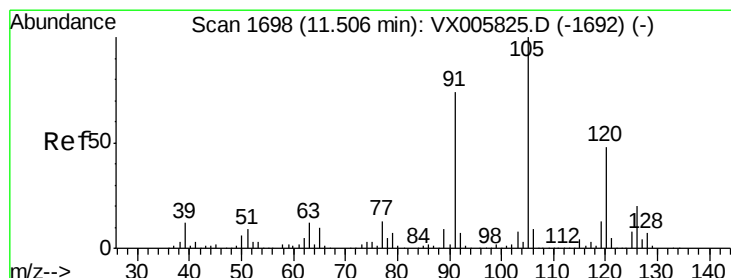
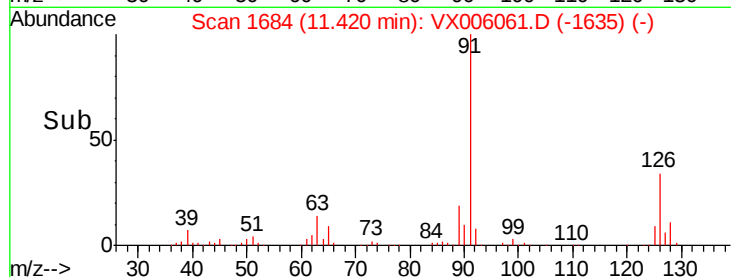
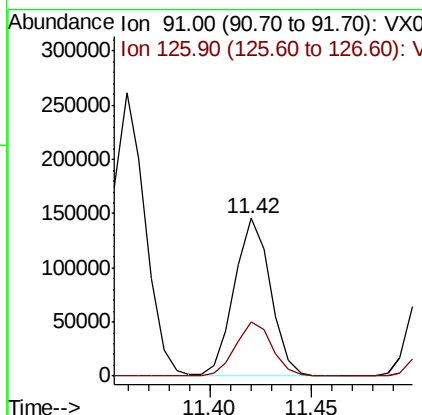
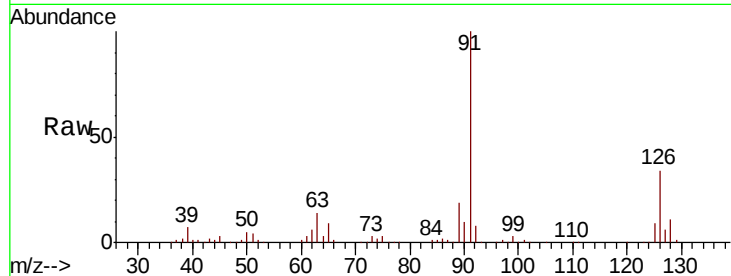




#79
 2-Chlorotoluene
 Concen: 54.472 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

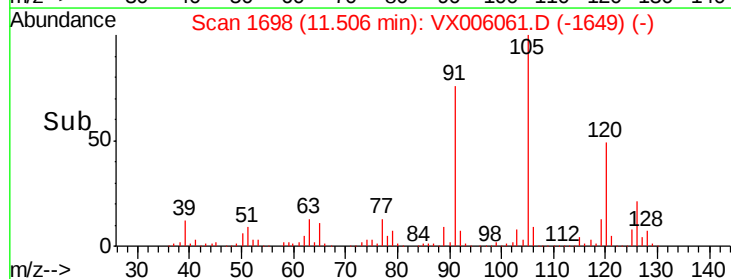
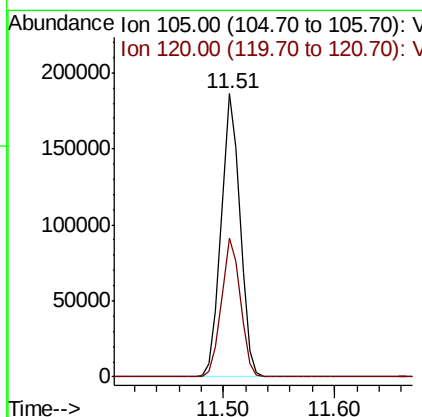
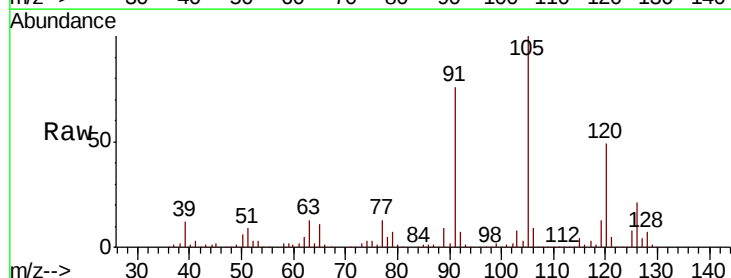
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

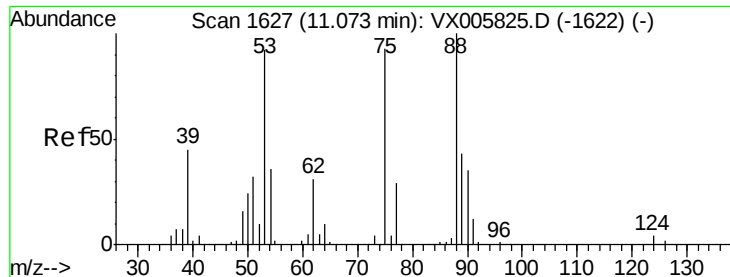
Tot Ion: 91 Resp: 178388
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 56.263 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion: 105 Resp: 219805
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 57.413 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

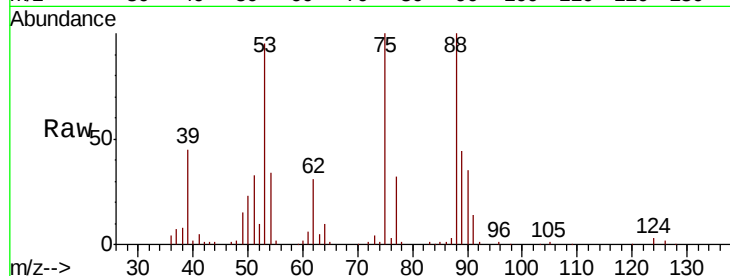
Tot Ion: 75 Resp: 29160

Ion Ratio Lower Upper

75 100

53 96.3 80.2 120.2

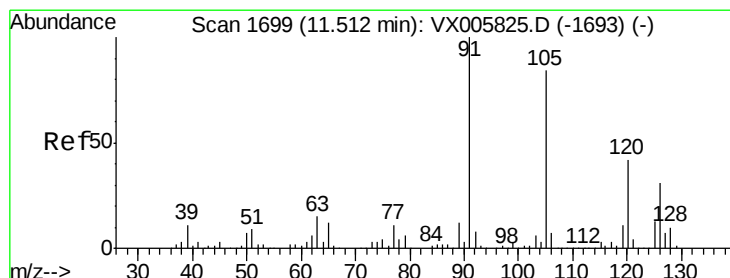
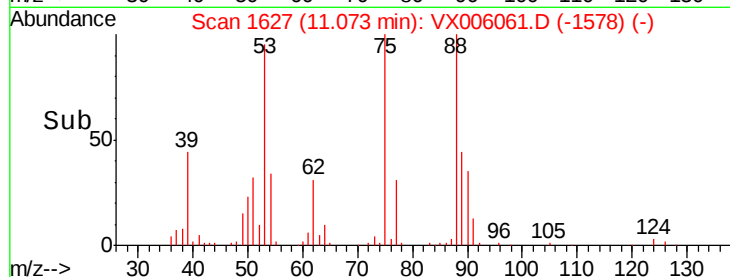
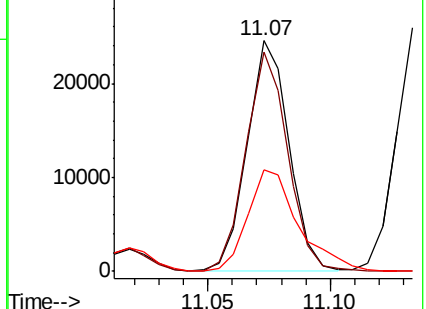
89 54.3 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.796 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006061.D

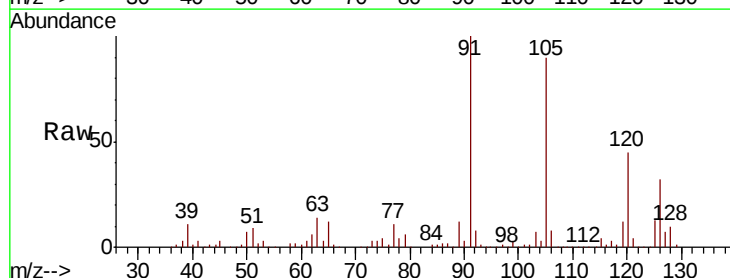
Acq: 17 Nov 2018 11:07

Tgt Ion: 91 Resp: 211488

Ion Ratio Lower Upper

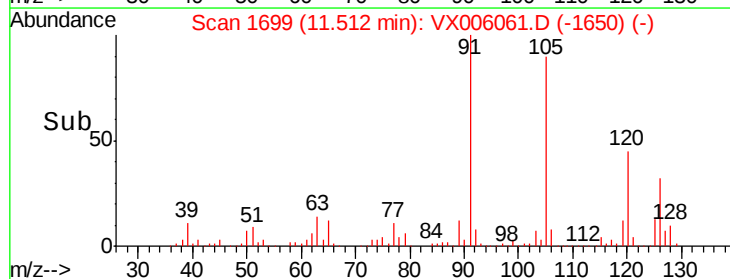
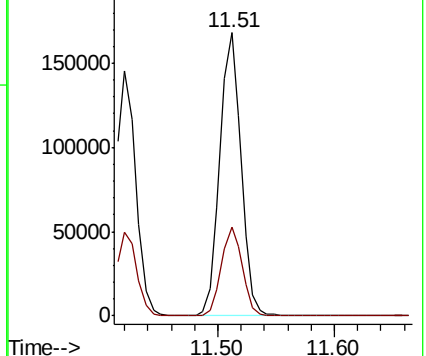
91 100

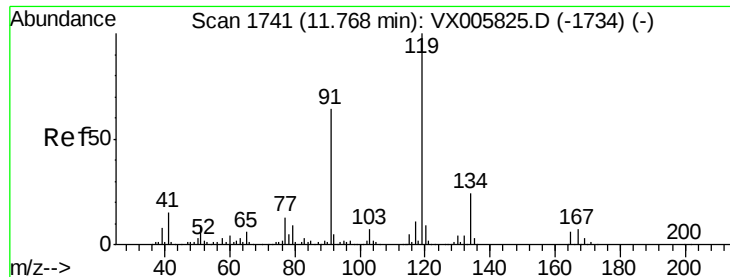
126 31.1 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 55.500 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

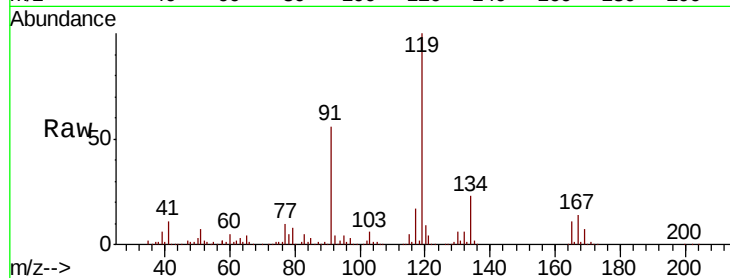
Tot Ion:119 Resp: 219355

Ion Ratio Lower Upper

119 100

91 56.7 28.5 85.5

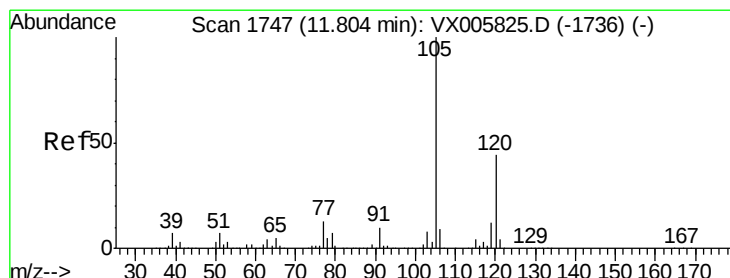
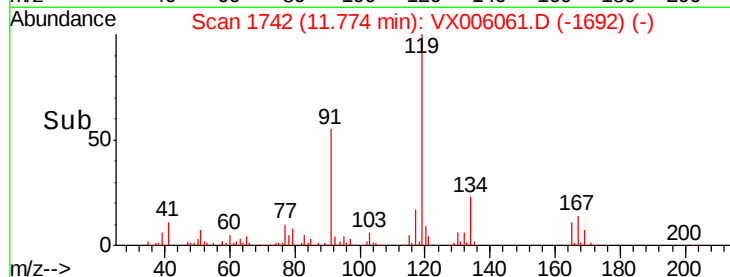
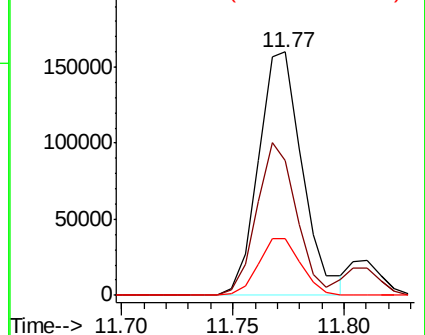
134 22.6 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.164 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006061.D

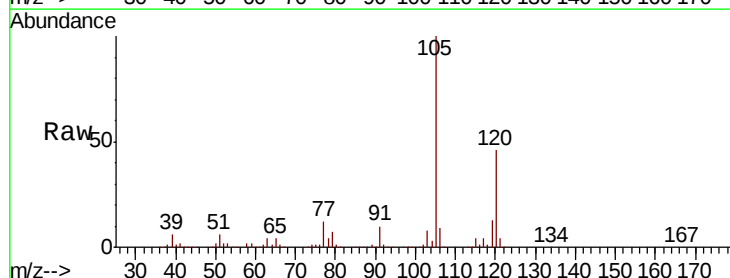
Acq: 17 Nov 2018 11:07

Tgt Ion:105 Resp: 229178

Ion Ratio Lower Upper

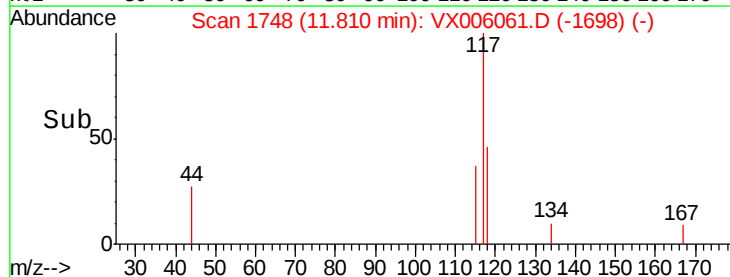
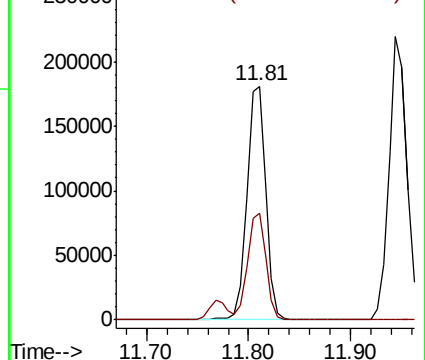
105 100

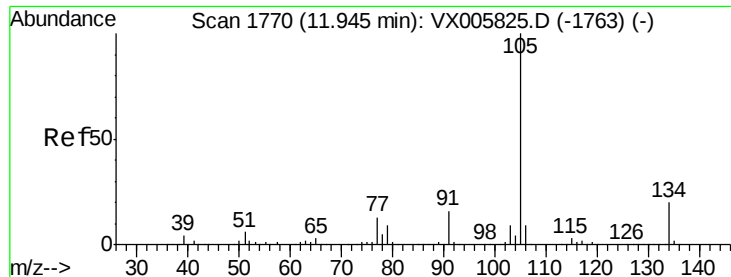
120 44.7 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.490 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

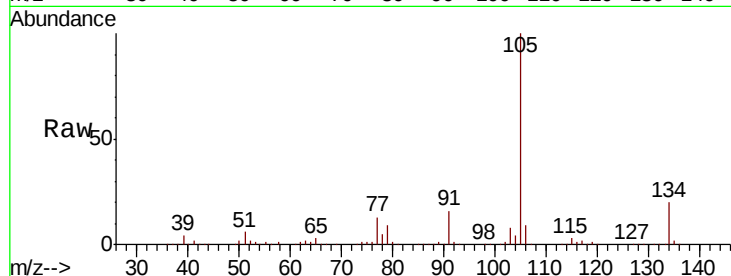
VSTDCCC050

Tot Ion:105 Resp: 268192

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

150000

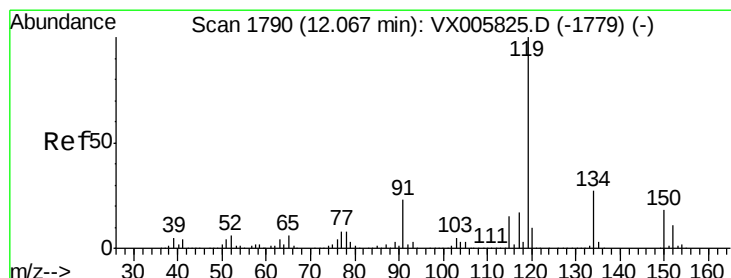
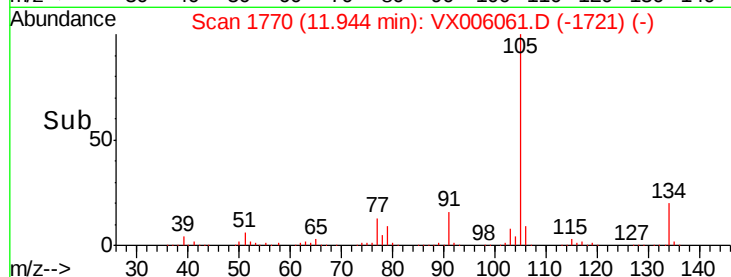
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 57.226 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

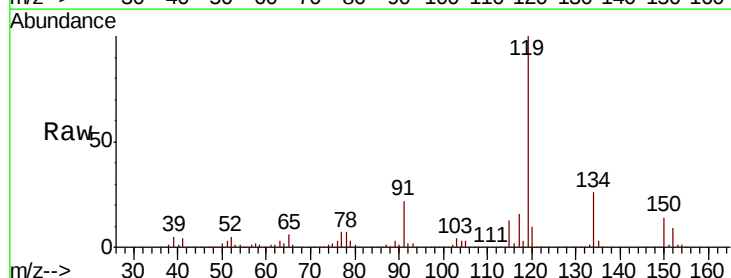
Tgt Ion:119 Resp: 244991

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.0 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

250000

200000

150000

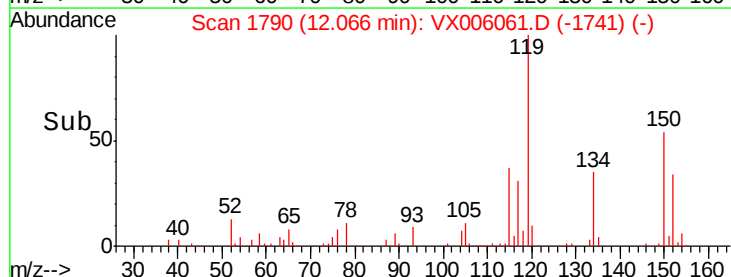
100000

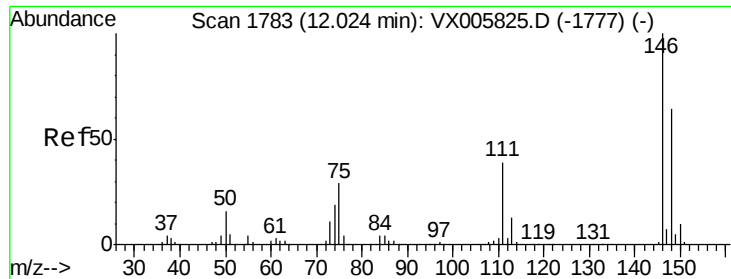
50000

0

Time-->

12.00 12.10

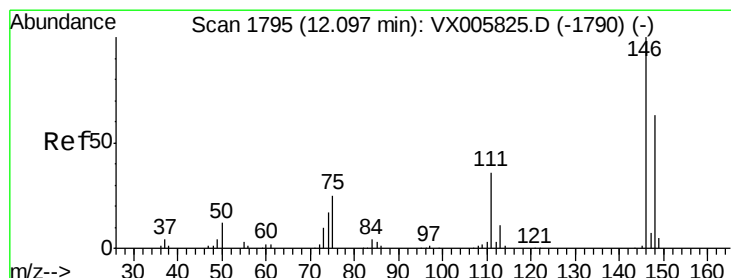
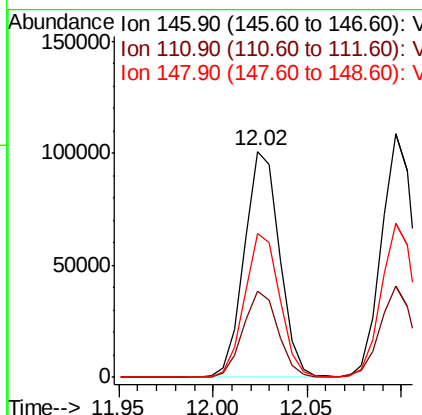
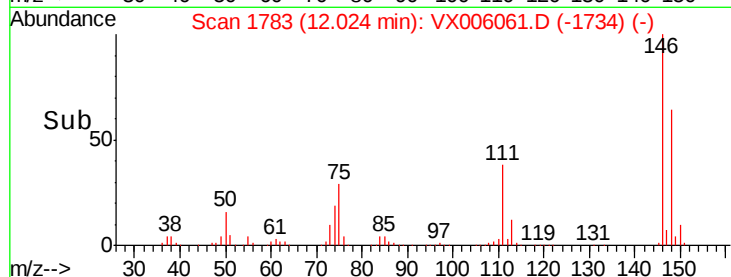
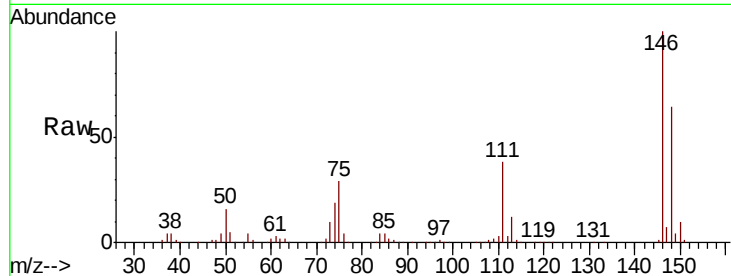




#87
 1,3-Dichlorobenzene
 Concen: 52.604 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

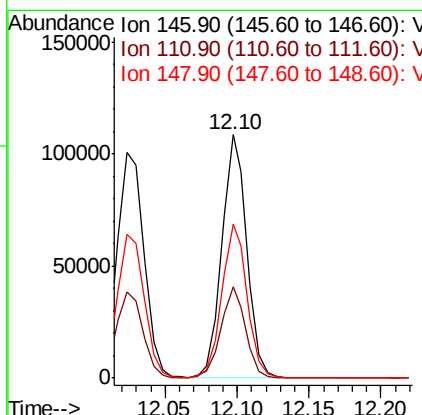
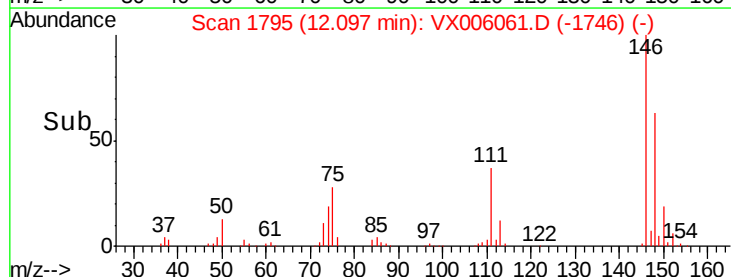
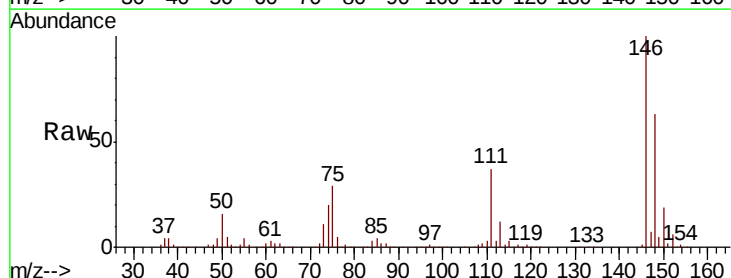
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 130817
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.0 57.0
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 51.990 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion:146 Resp: 132353
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.0 32.1 96.3

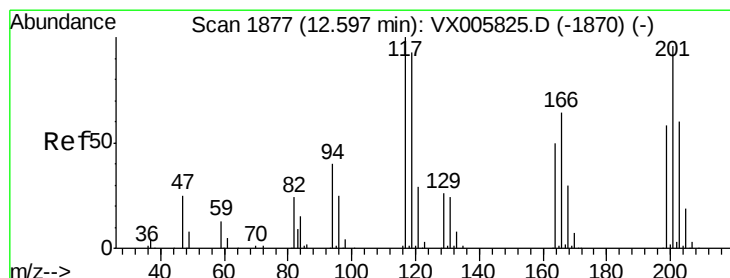
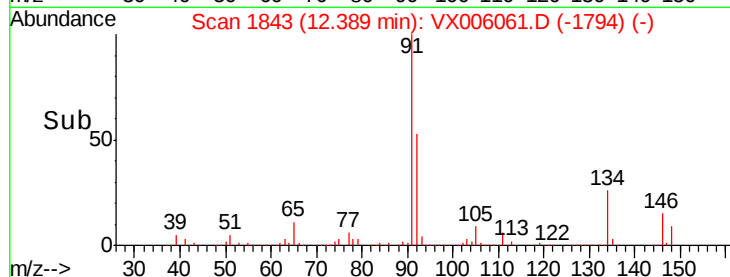
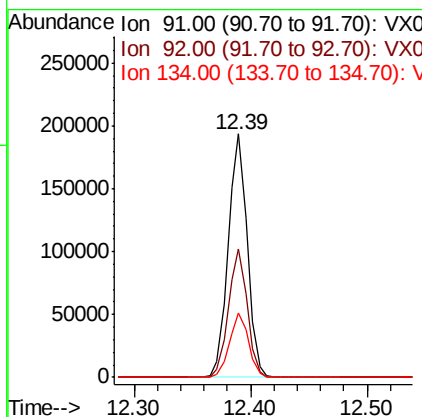
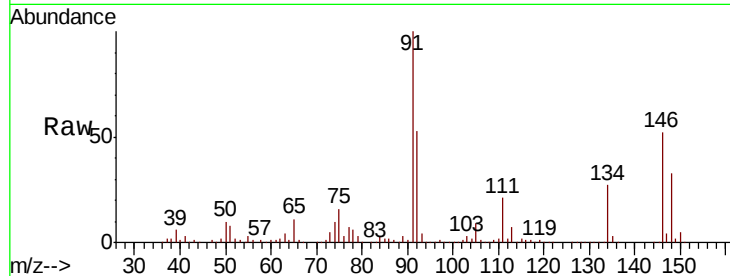




#89
n-Butylbenzene
Concen: 55.160 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

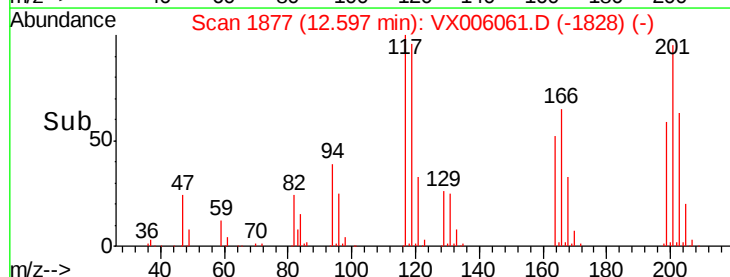
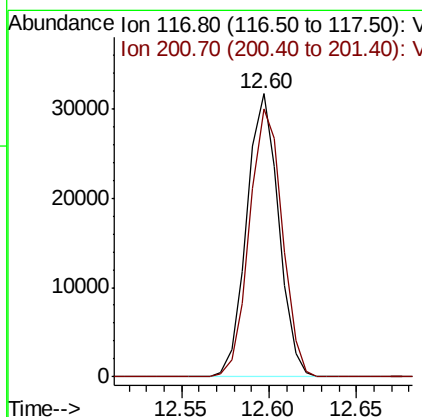
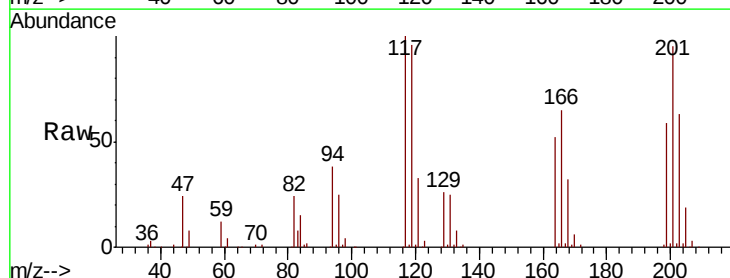
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 218860
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 56.199 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006061.D
Acq: 17 Nov 2018 11:07

Tgt Ion: 117 Resp: 40168
Ion Ratio Lower Upper
117 100
201 97.3 47.9 143.6

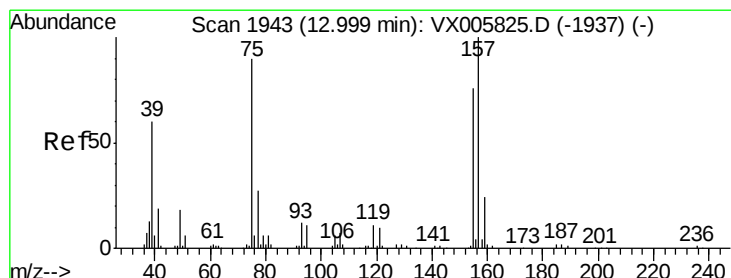
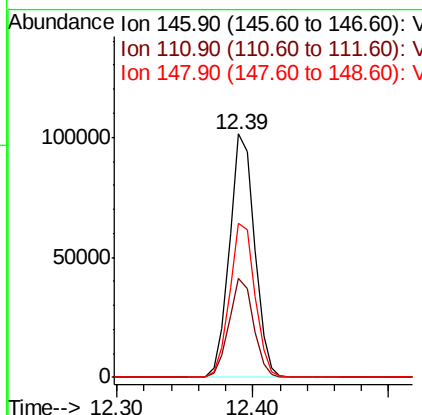
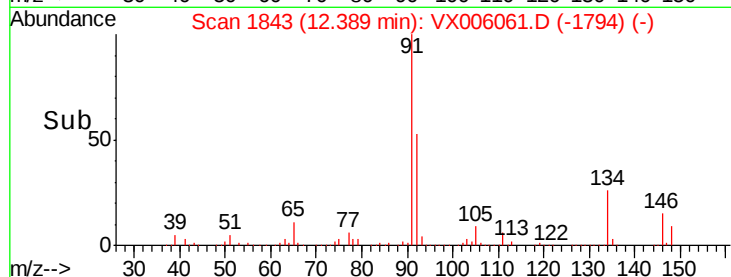
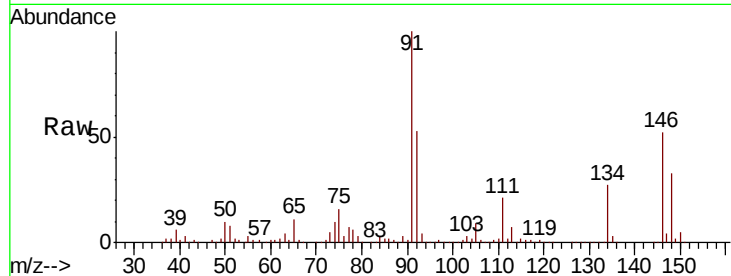




#91
 1,2-Dichlorobenzene
 Concen: 52.133 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

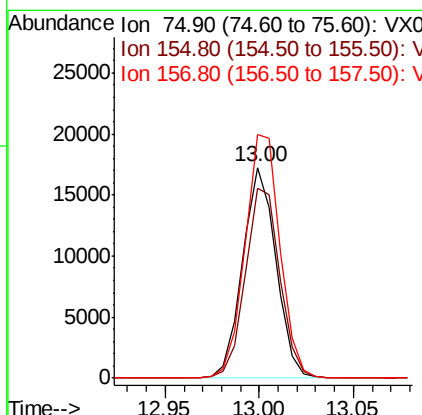
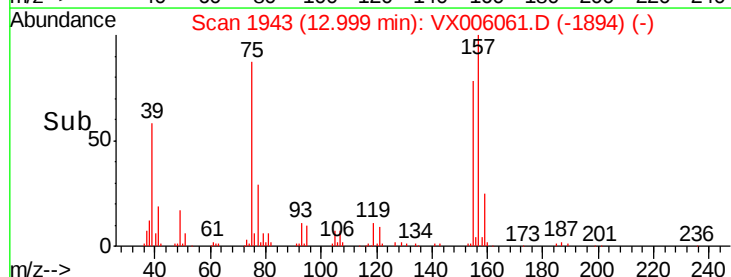
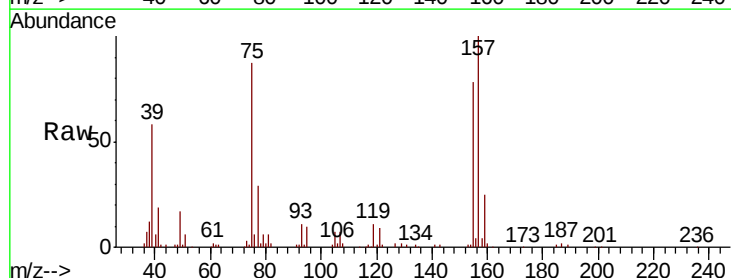
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

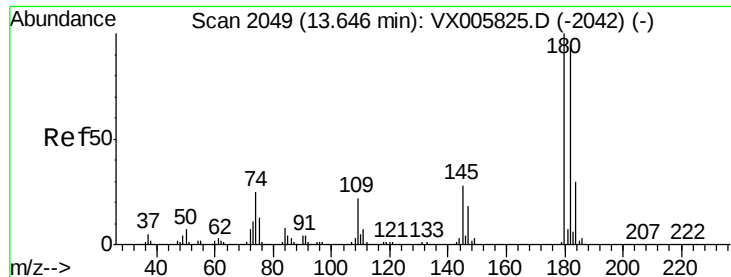
Tot Ion:146 Resp: 129876
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 64.0 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.373 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion: 75 Resp: 21154
 Ion Ratio Lower Upper
 75 100
 155 93.5 45.4 136.1
 157 121.1 57.4 172.0

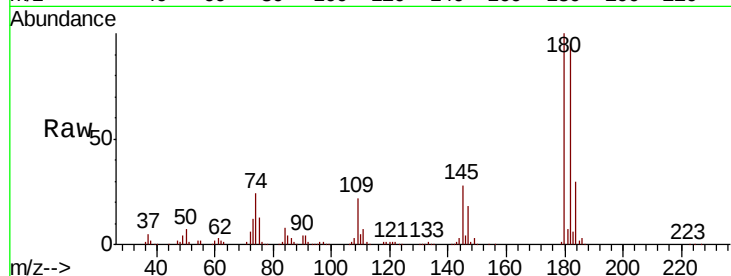




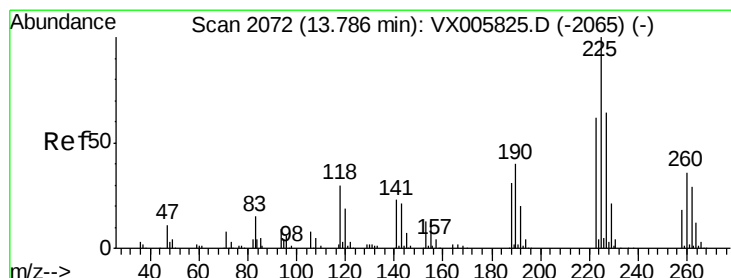
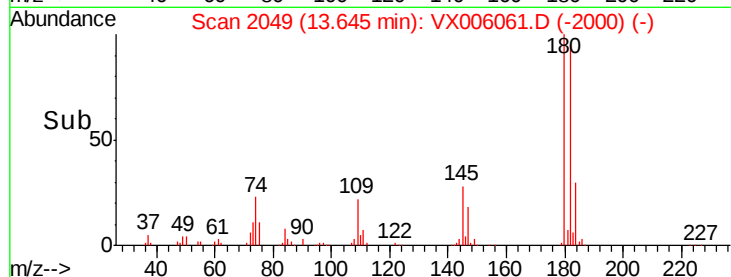
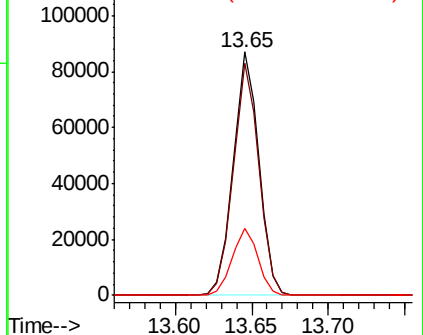
#93
 1,2,4-Trichlorobenzene
 Concen: 57.625 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 101060
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.6 142.8
 145 27.7 14.1 42.2

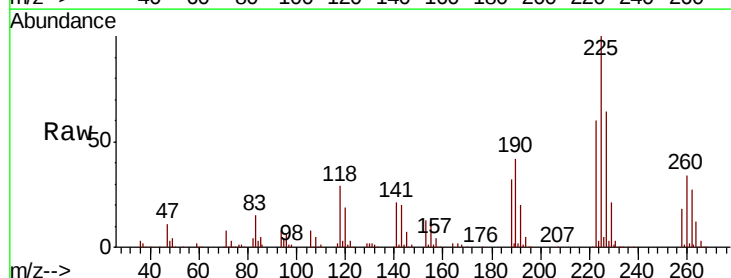


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

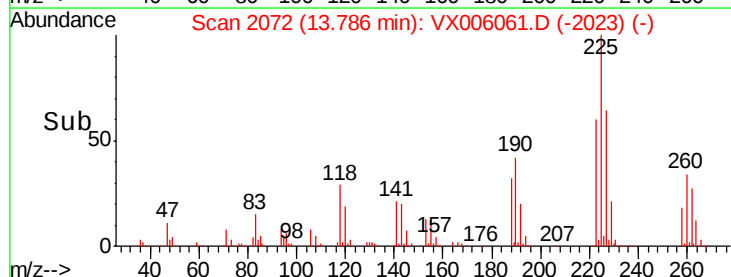
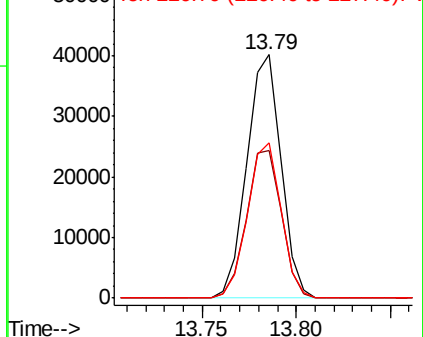


#94
 Hexachlorobutadiene
 Concen: 54.895 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006061.D
 Acq: 17 Nov 2018 11:07

Tgt Ion:225 Resp: 50571
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.7 95.1
 227 62.8 32.3 96.9



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: 51.533 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

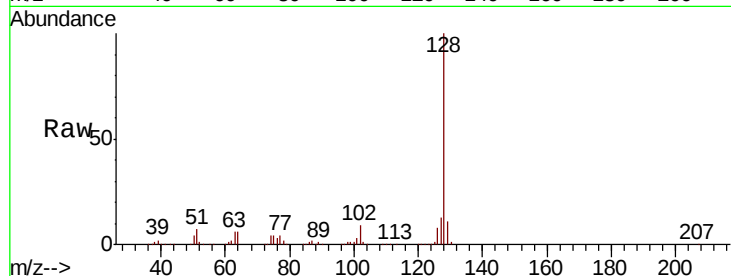
Tot Ion:128 Resp: 294950

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

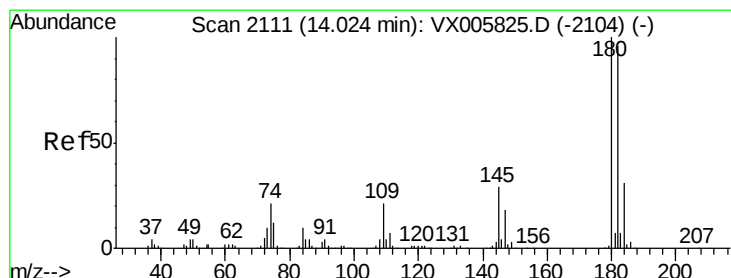
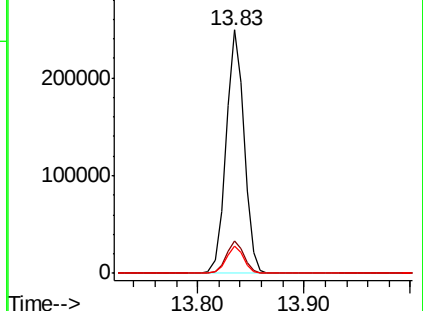
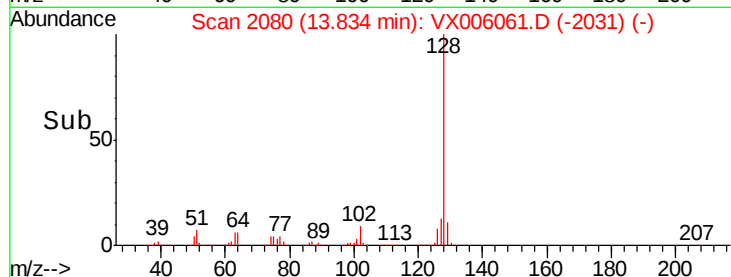
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.730 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006061.D

Acq: 17 Nov 2018 11:07

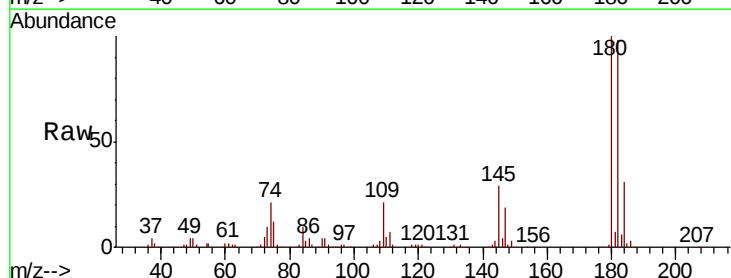
Tgt Ion:180 Resp: 99572

Ion Ratio Lower Upper

180 100

182 96.9 48.0 144.2

145 30.5 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

