

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006037.D
 Acq On : 16 Nov 2018 08:51
 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 17 00:39:28 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	5.67	168	134462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	186653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115161	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	74424	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
35) Dibromofluoromethane	5.49	113	63557	50.06	ug/l	-0.01
Spiked Amount			Recovery	=	100.12%	
50) Toluene-d8	8.71	98	214332	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	92867	61.20	ug/l	0.00
Spiked Amount			Recovery	=	122.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	54111	44.634	ug/l	94
3) Chloromethane	1.33	50	68289	42.921	ug/l	93
4) Vinyl Chloride	1.41	62	71432	44.722	ug/l	96
5) Bromomethane	1.64	94	48590	49.711	ug/l	100
6) Chloroethane	1.72	64	44120	46.295	ug/l	96
7) Trichlorofluoromethane	1.93	101	96869	45.690	ug/l	99
8) Diethyl Ether	2.19	74	41882	50.414	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60782	49.847	ug/l	98
10) Methyl Iodide	2.51	142	77473	52.423	ug/l	97
11) Tert butyl alcohol	3.06	59	91440	206.494	ug/l	99
12) 1,1-Dichloroethene	2.38	96	54261	45.655	ug/l	95
13) Acrolein	2.29	56	49008	233.480	ug/l	100
14) Allyl chloride	2.73	41	125791	47.390	ug/l	98
15) Acrylonitrile	3.15	53	225314	245.521	ug/l	97
16) Acetone	2.44	43	187681	225.495	ug/l	99
17) Carbon Disulfide	2.57	76	149013	42.034	ug/l	98
18) Methyl Acetate	2.78	43	110611	49.578	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	214552	52.892	ug/l	93
20) Methylene Chloride	2.86	84	65850	48.164	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	61470	49.036	ug/l	98
22) Diisopropyl ether	3.87	45	242926	52.243	ug/l #	96
23) Vinyl Acetate	3.82	43	1001602	251.223	ug/l	100
24) 1,1-Dichloroethane	3.70	63	119466	48.156	ug/l	99
25) 2-Butanone	4.70	43	309252	236.338	ug/l	98
26) 2,2-Dichloropropane	4.59	77	95904	52.700	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	69256	50.034	ug/l	97
28) Bromochloromethane	5.01	49	60180	54.279	ug/l	97
29) Tetrahydrofuran	5.15	42	192807	229.487	ug/l	97
30) Chloroform	5.21	83	119867	50.082	ug/l	89
31) Cyclohexane	5.57	56	103798	48.200	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	95812	47.993	ug/l	99
36) 1,1-Dichloropropene	5.80	75	86119	47.860	ug/l	99
37) Ethyl Acetate	4.85	43	115240	48.702	ug/l	99
38) Carbon Tetrachloride	5.77	117	86194	47.849	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92195	50.553	ug/l	96
40) Benzene	6.14	78	254374	48.493	ug/l	100
41) Methacrylonitrile	5.05	41	61925	48.433	ug/l	98
42) 1,2-Dichloroethane	6.20	62	87369	46.501	ug/l	98
43) Isopropyl Acetate	6.46	43	162255	47.323	ug/l	96
44) Trichloroethene	7.21	130	65865	49.443	ug/l	92
45) 1,2-Dichloropropane	7.51	63	69205	54.355	ug/l	92
46) Dibromomethane	7.66	93	42172	52.785	ug/l	99
47) Bromodichloromethane	7.90	83	79003	52.323	ug/l #	98
48) Methyl methacrylate	7.77	41	81059	52.651	ug/l	97
49) 1,4-Dioxane	7.75	88	30434	917.379	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	529478	245.028	ug/l	98
52) Toluene	8.79	92	144547	49.305	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	90551	50.819	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	104827	57.720	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	61386	46.982	ug/l	99
56) Ethyl methacrylate	9.18	69	97362	49.802	ug/l	98
57) 1,3-Dichloropropane	9.37	76	114227	52.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	277983	260.586	ug/l	100
59) 2-Hexanone	9.49	43	485737	255.016	ug/l	100
60) Dibromochloromethane	9.59	129	73310	51.916	ug/l	100
61) 1,2-Dibromoethane	9.67	107	74930	51.862	ug/l	100
64) Tetrachloroethene	9.34	164	66611	46.011	ug/l	95
65) Chlorobenzene	10.14	112	195425	57.370	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	67367	56.885	ug/l	97
67) Ethyl Benzene	10.25	91	306302	56.076	ug/l	97
68) m/p-Xylenes	10.36	106	225880	108.412	ug/l	91
69) o-Xylene	10.70	106	110689	59.246	ug/l	97
70) Styrene	10.71	104	184540	59.877	ug/l	99
71) Bromoform	10.86	173	56022	56.431	ug/l #	100
73) Isopropylbenzene	11.02	105	328494	49.326	ug/l	100
74) N-amyl acetate	10.90	43	160729	43.189	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	118106	48.317	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	143540	61.213	ug/l	84
77) Bromobenzene	11.26	156	85663	45.636	ug/l	99
78) n-propylbenzene	11.36	91	404103	51.487	ug/l	99
79) 2-Chlorotoluene	11.42	91	222142	46.826	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	274938	48.582	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	34466	46.845	ug/l	93
82) 4-Chlorotoluene	11.51	91	283050	50.627	ug/l	100
83) tert-Butylbenzene	11.77	119	307383	53.688	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	324052	51.890	ug/l	100
85) sec-Butylbenzene	11.94	105	391398	55.904	ug/l	99
86) p-Isopropyltoluene	12.07	119	354790	57.210	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189656	52.647	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	184603	50.058	ug/l	98
89) n-Butylbenzene	12.39	91	320797	55.813	ug/l	99
90) Hexachloroethane	12.60	117	52877	51.070	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	189097	52.399	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29542	49.526	ug/l	92

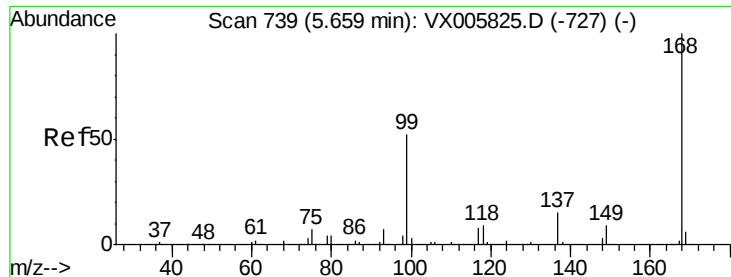
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	145462	57.257	ug/l	99
94) Hexachlorobutadiene	13.79	225	75323	56.443	ug/l	99
95) Naphthalene	13.83	128	430694	51.937	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	144501	55.831	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

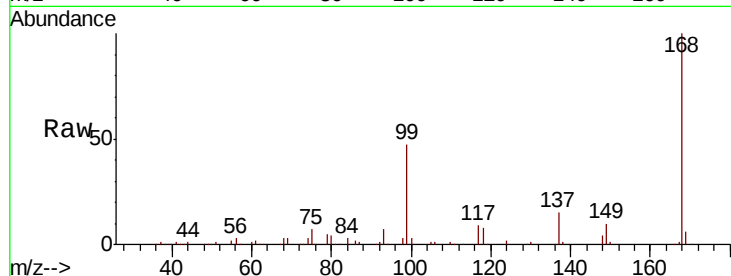
VSTDCCC050

Tot Ion:168 Resp: 134462

Ion Ratio Lower Upper

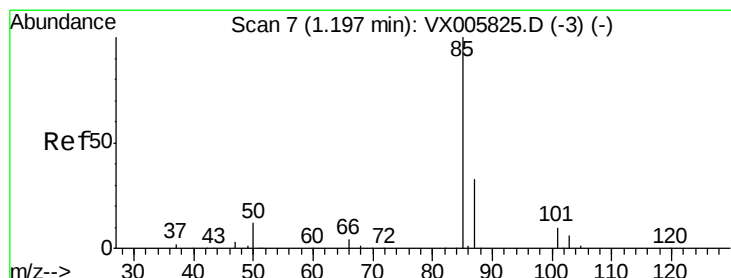
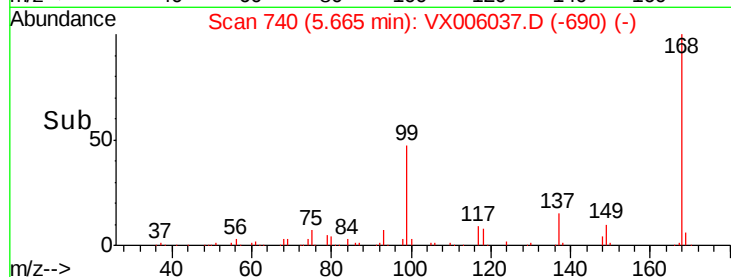
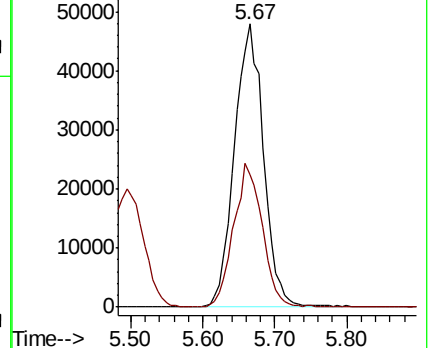
168 100

99 46.4 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: 44.634 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006037.D

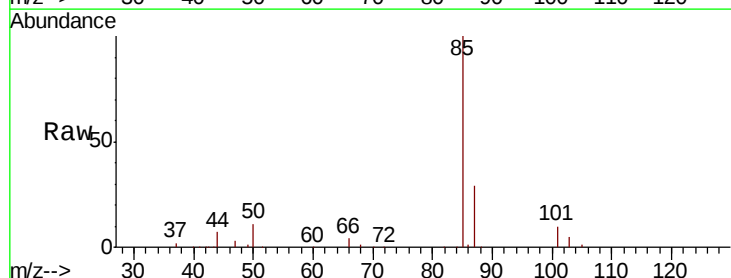
Acq: 16 Nov 2018 08:51

Tgt Ion: 85 Resp: 54111

Ion Ratio Lower Upper

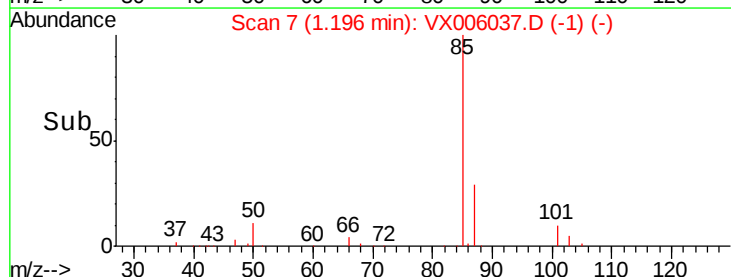
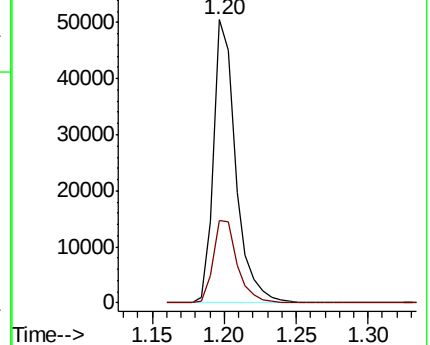
85 100

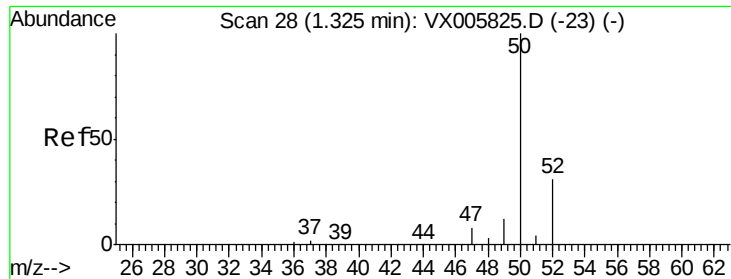
87 29.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

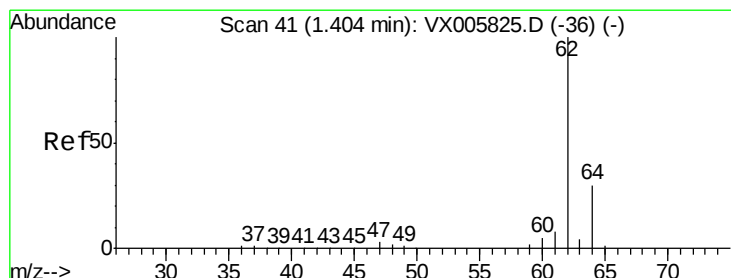
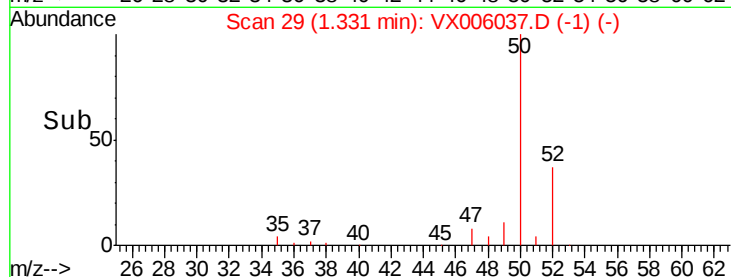
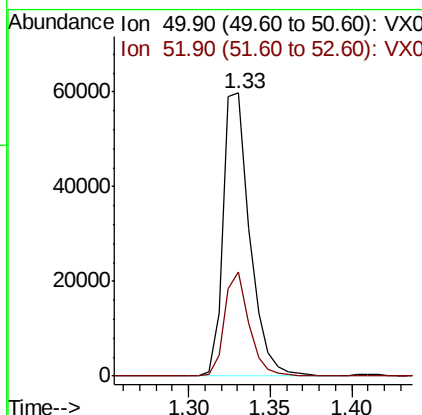
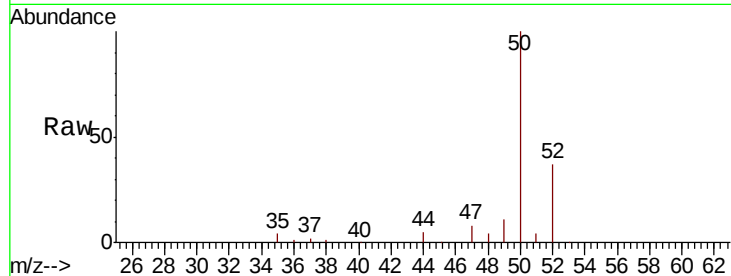




#3
Chloromethane
Concen: 42.921 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

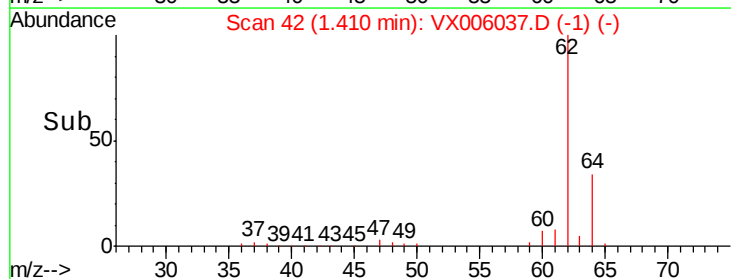
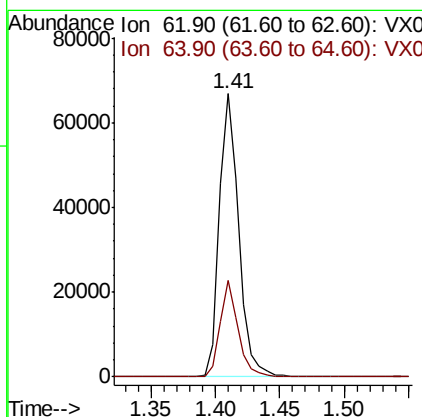
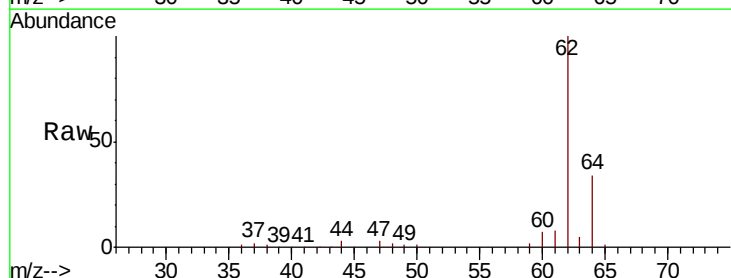
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 50 Resp: 68289
Ion Ratio Lower Upper
50 100
52 36.7 26.2 39.2



#4
Vinyl Chloride
Concen: 44.722 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 62 Resp: 71432
Ion Ratio Lower Upper
62 100
64 33.9 25.3 37.9





#5

Bromomethane

Concen: 49.711 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

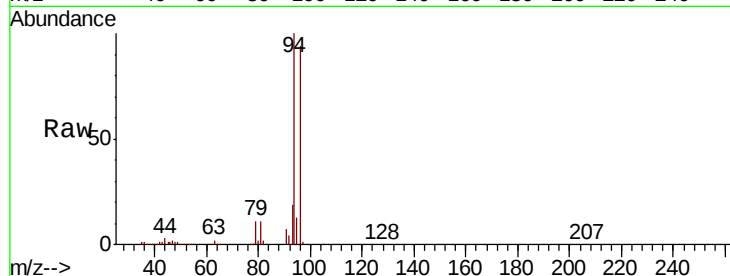
VSTDCCC050

Tot Ion: 94 Resp: 48590

Ion Ratio Lower Upper

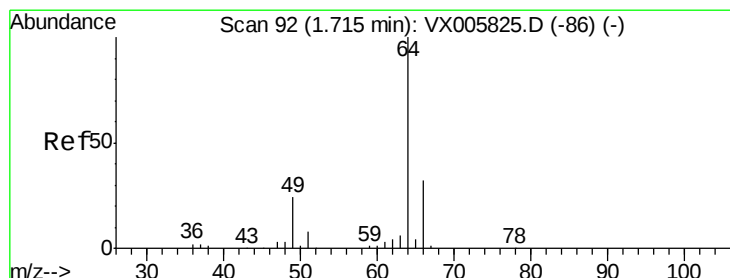
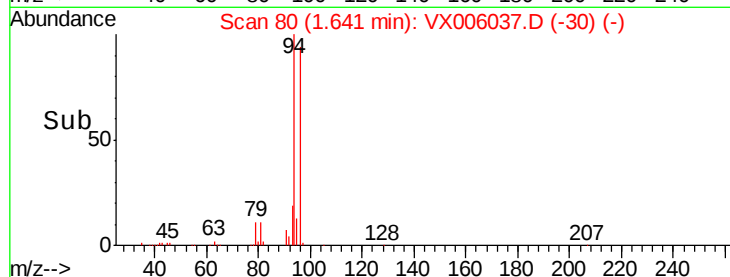
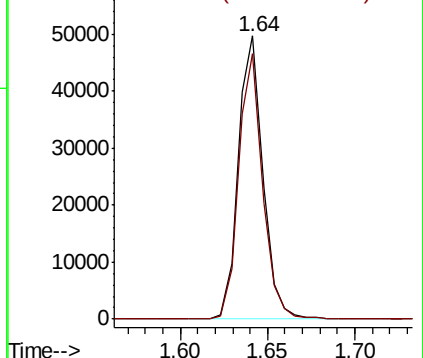
94 100

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: 46.295 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006037.D

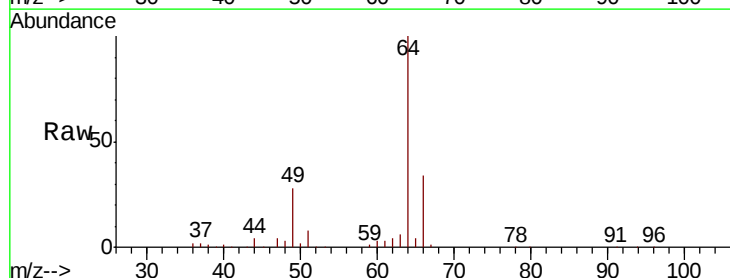
Acq: 16 Nov 2018 08:51

Tgt Ion: 64 Resp: 44120

Ion Ratio Lower Upper

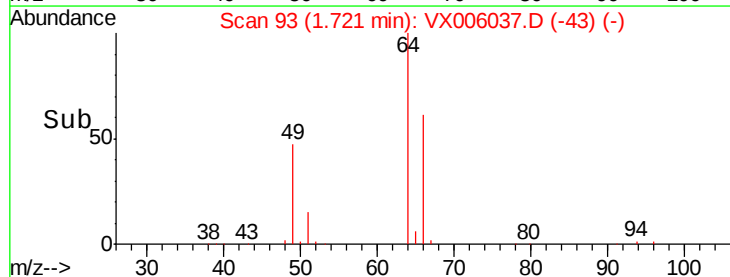
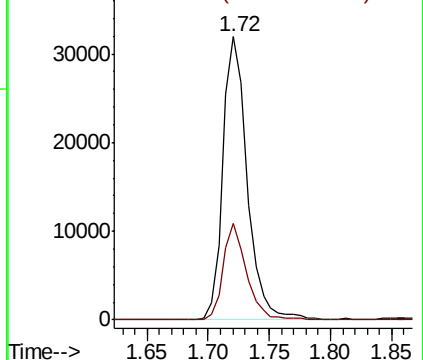
64 100

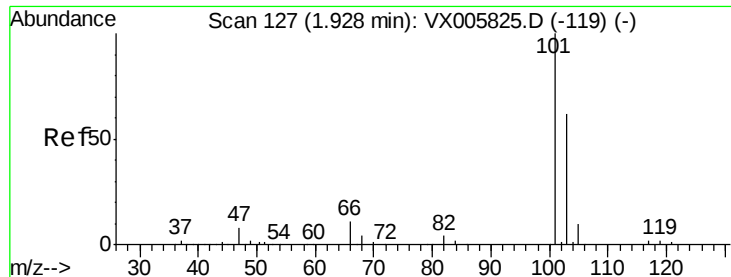
66 34.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



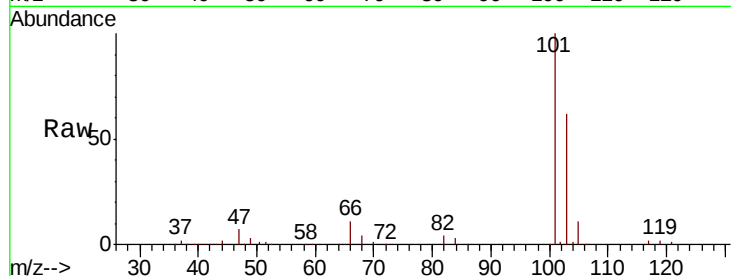


#7

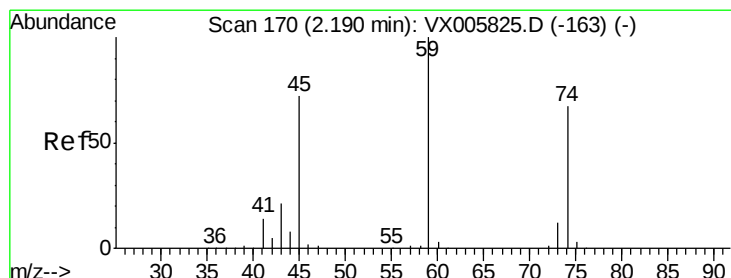
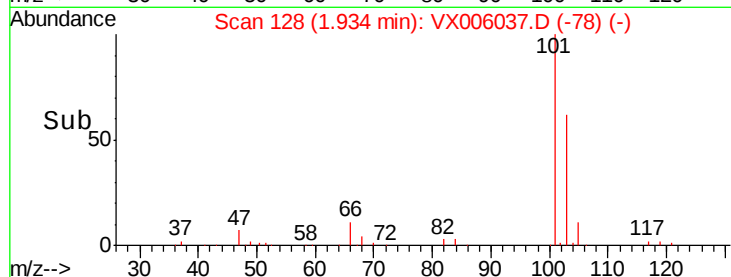
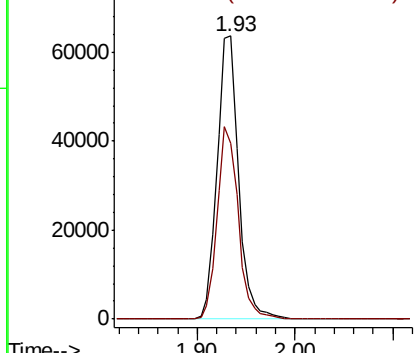
Trichlorofluoromethane
 Concen: 45.690 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 96869
 Ion Ratio Lower Upper
 101 100
 103 62.0 50.0 75.0



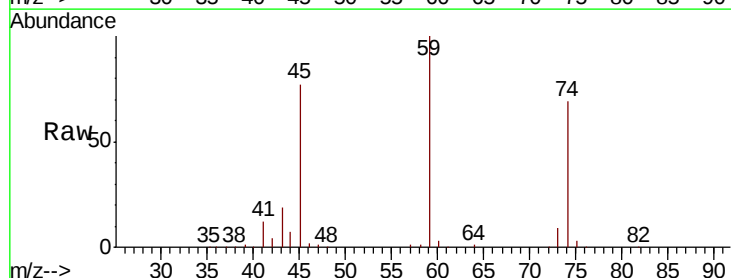
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



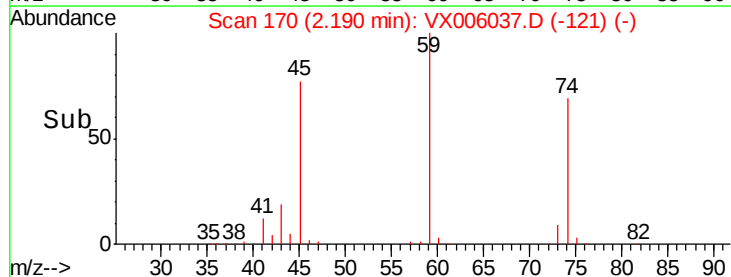
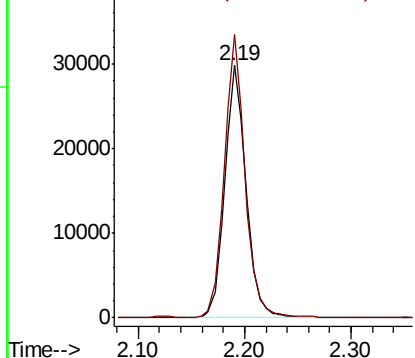
#8

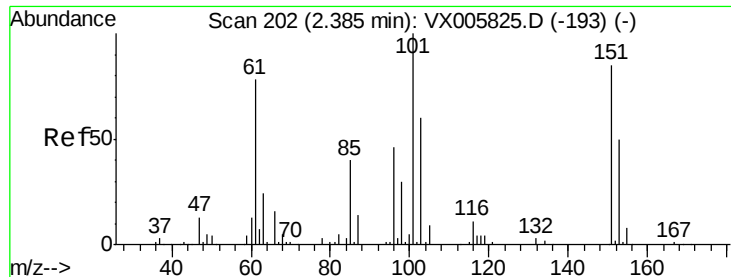
Diethyl Ether
 Concen: 50.414 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion: 74 Resp: 41882
 Ion Ratio Lower Upper
 74 100
 45 109.2 54.1 162.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.847 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

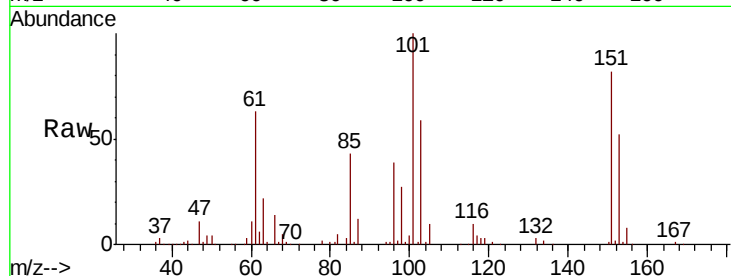
Tot Ion:101 Resp: 60782

Ion Ratio Lower Upper

101 100

85 45.3 35.0 52.4

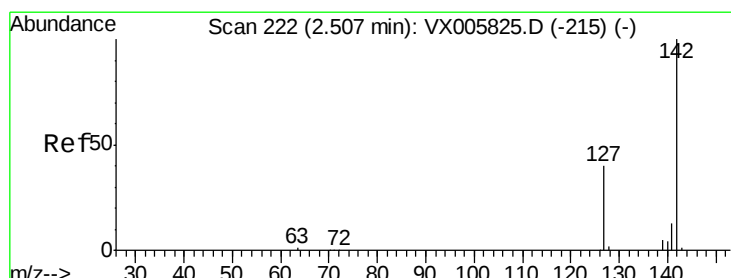
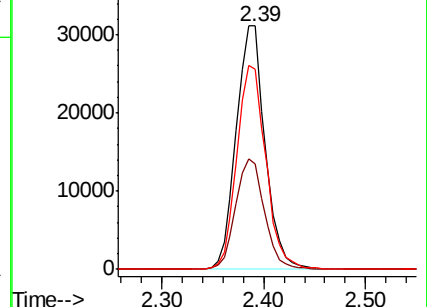
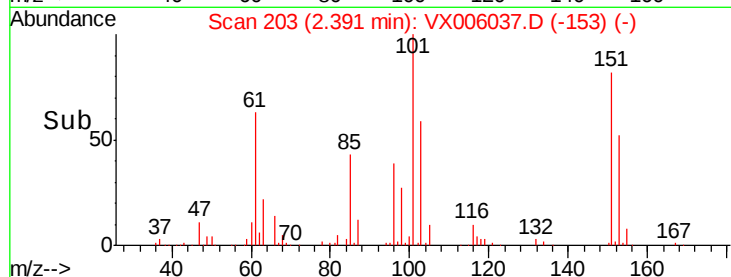
151 84.1 66.2 99.2



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: 52.423 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

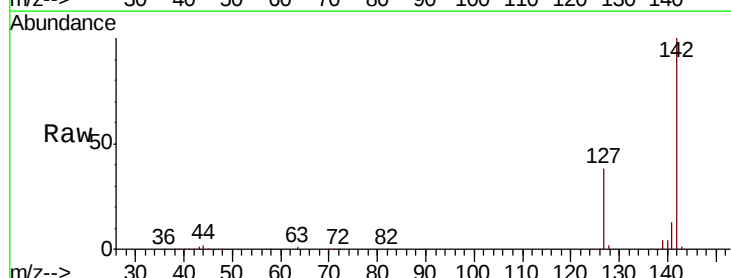
Tgt Ion:142 Resp: 77473

Ion Ratio Lower Upper

142 100

127 42.5 36.0 54.0

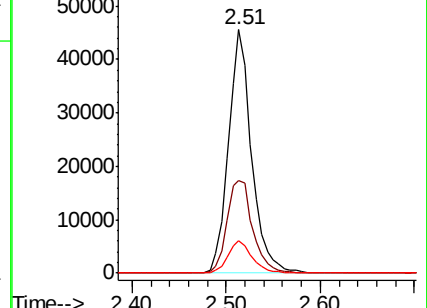
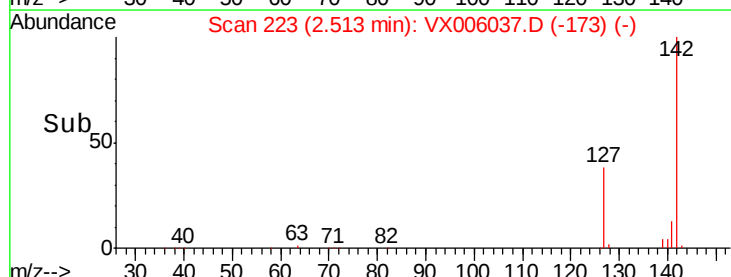
141 13.8 11.7 17.5

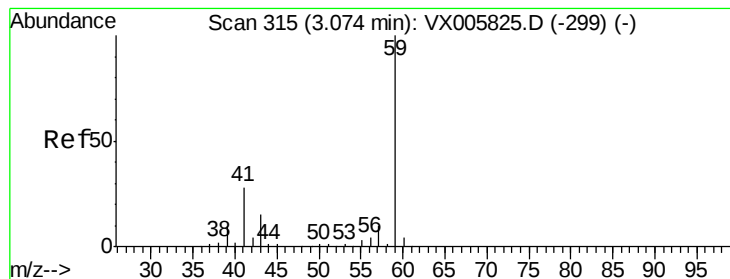


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



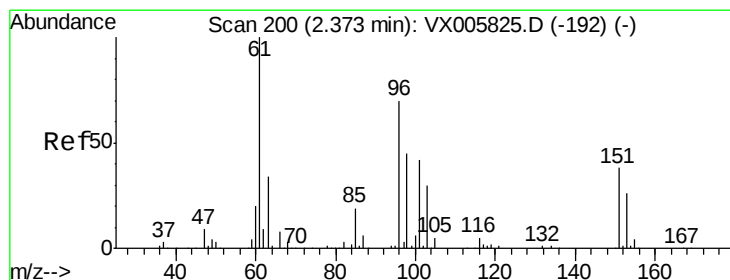
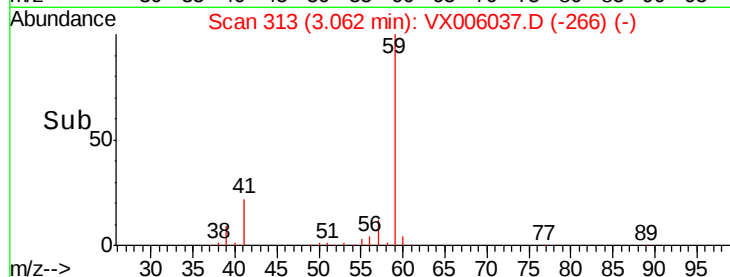
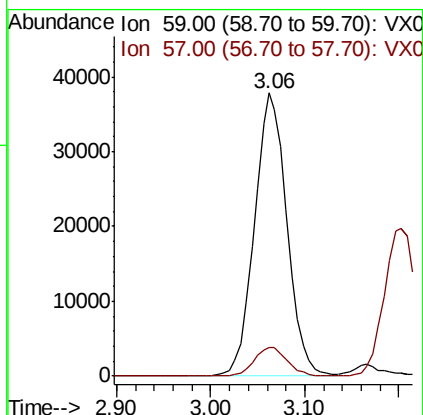
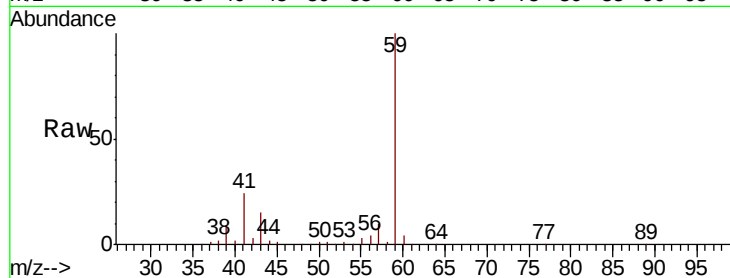


#11

Tert butyl alcohol
 Concen: 206.494 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

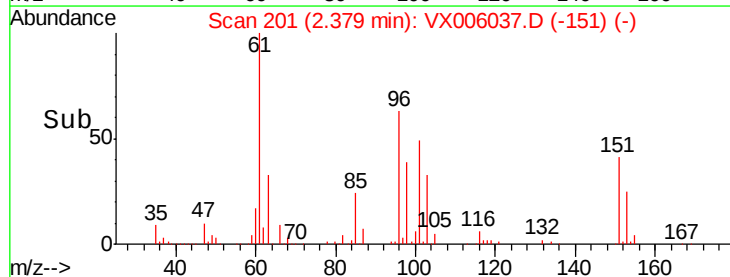
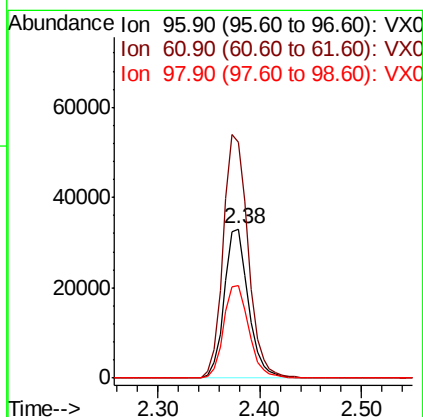
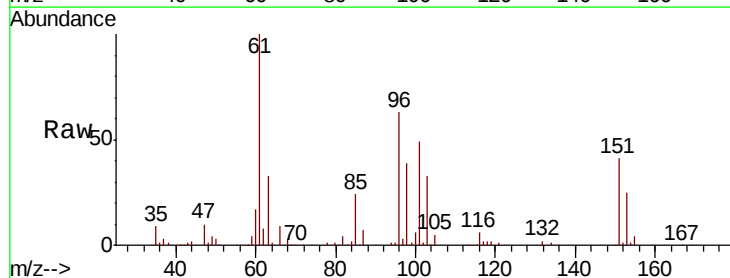
Tot Ion: 59 Resp: 91440
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

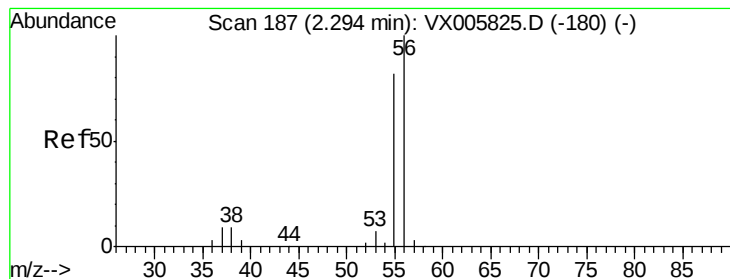


#12

1,1-Dichloroethene
 Concen: 45.655 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion: 96 Resp: 54261
 Ion Ratio Lower Upper
 96 100
 61 158.8 131.8 197.8
 98 62.3 53.4 80.2





#13

Acrolein

Concen: 233.480 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

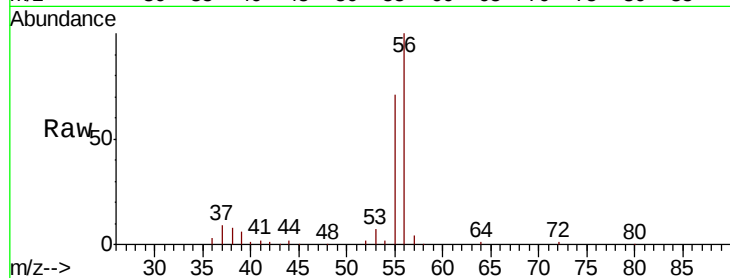
VSTDCCC050

Tot Ion: 56 Resp: 49008

Ion Ratio Lower Upper

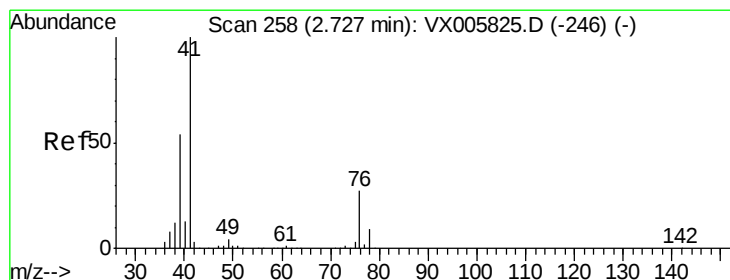
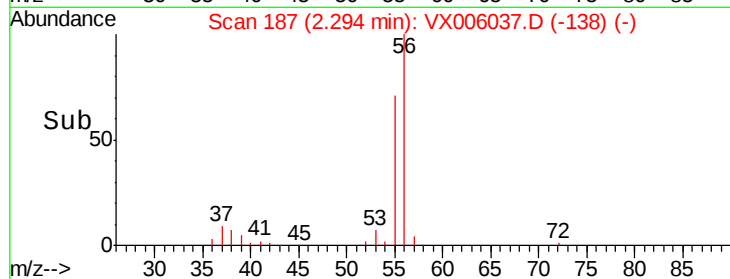
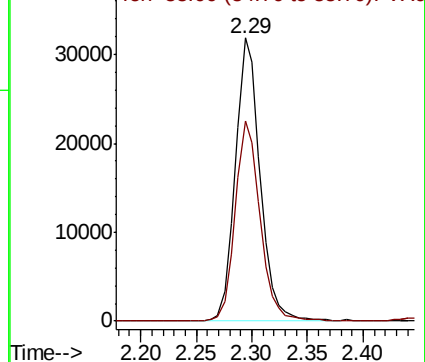
56 100

55 71.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.390 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

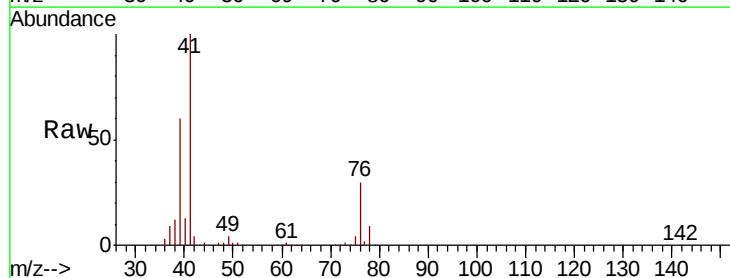
Tgt Ion: 41 Resp: 125791

Ion Ratio Lower Upper

41 100

39 59.3 48.2 72.4

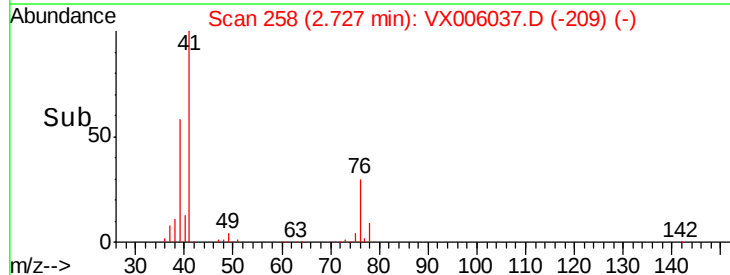
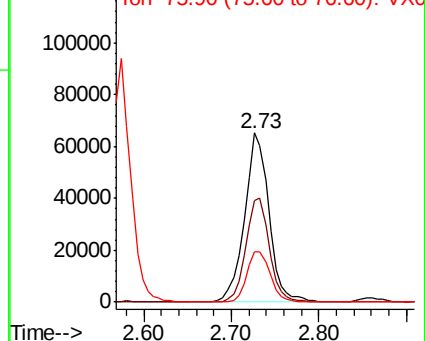
76 29.0 21.9 32.9

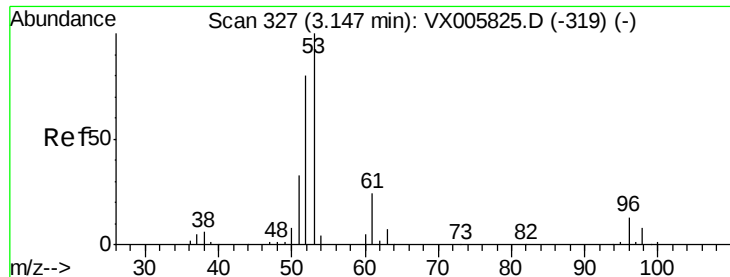


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 245.521 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

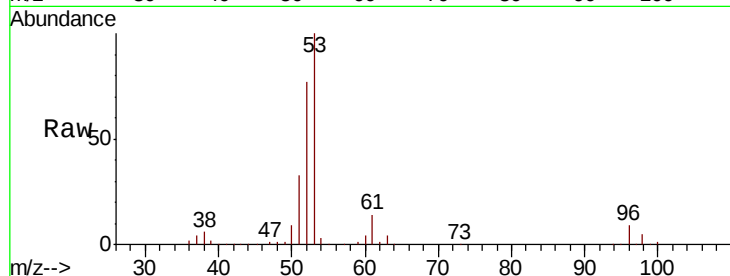
Tot Ion: 53 Resp: 225314

Ion Ratio Lower Upper

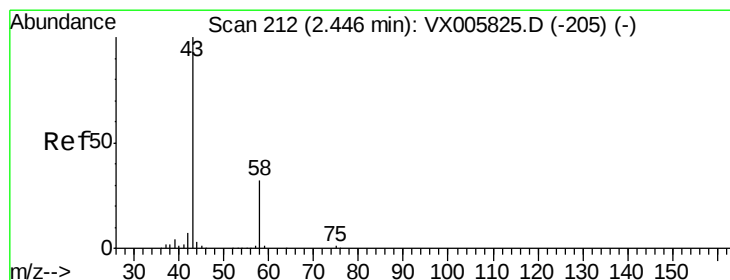
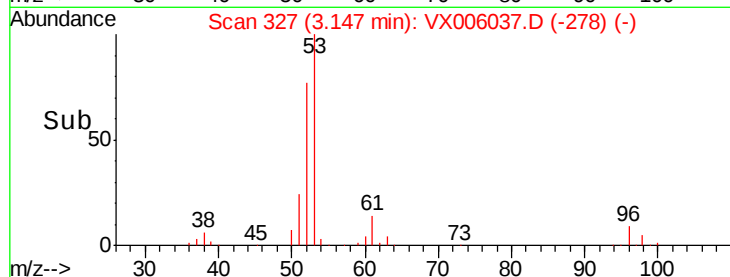
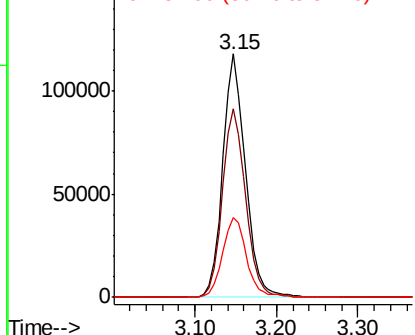
53 100

52 79.9 66.6 99.8

51 34.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 225.495 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006037.D

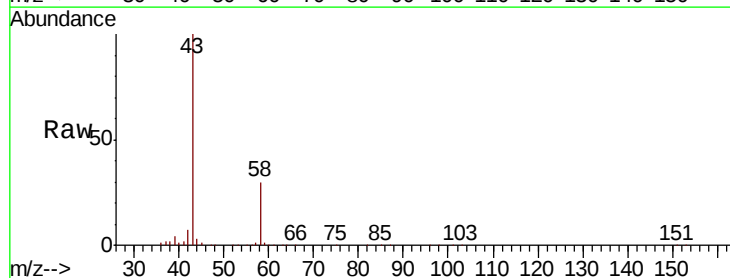
Acq: 16 Nov 2018 08:51

Tgt Ion: 43 Resp: 187681

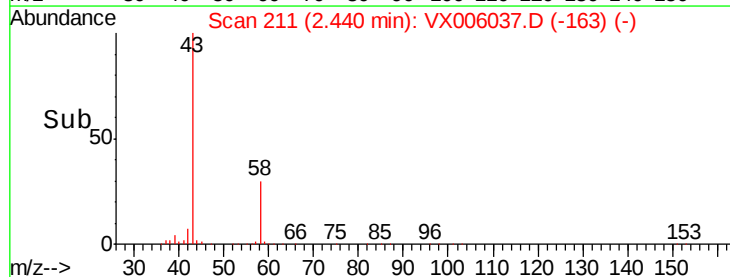
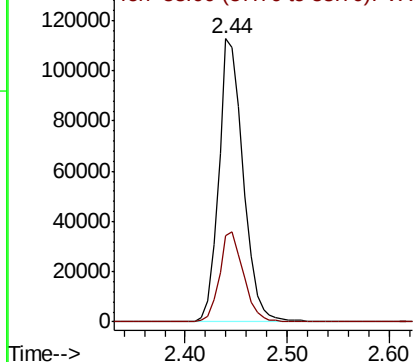
Ion Ratio Lower Upper

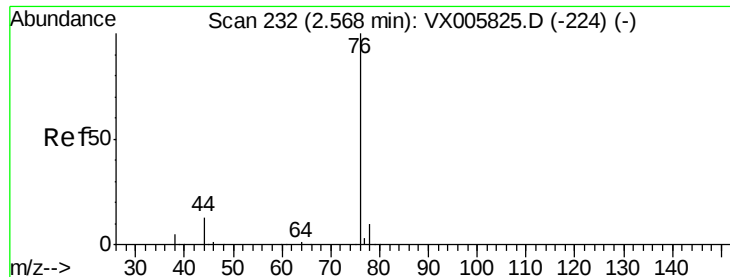
43 100

58 30.4 23.8 35.6



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





#17

Carbon Disulfide

Concen: 42.034 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

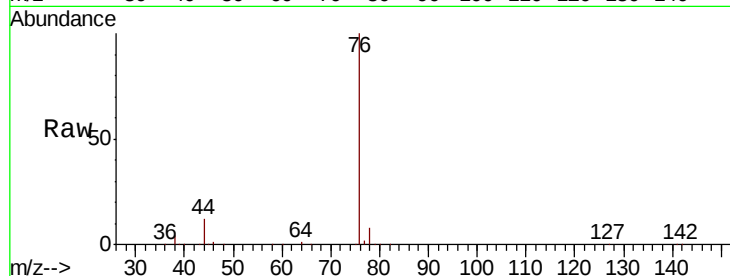
VSTDCCC050

Tot Ion: 76 Resp: 149013

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

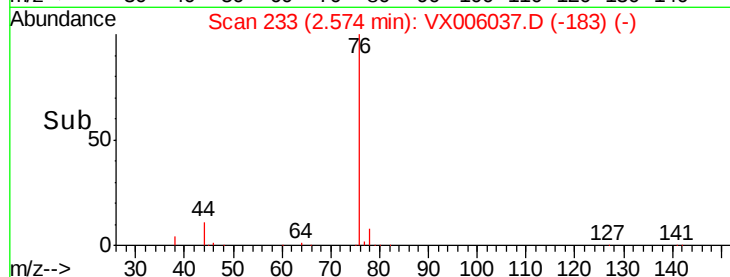
60000

40000

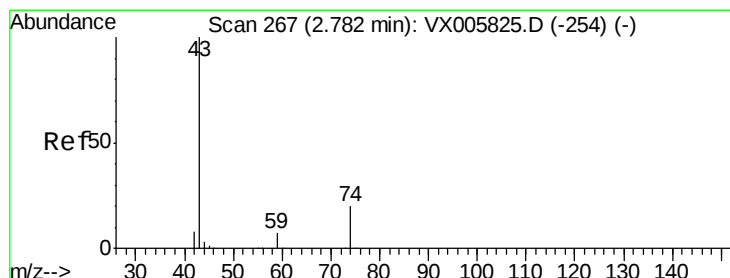
20000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 49.578 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006037.D

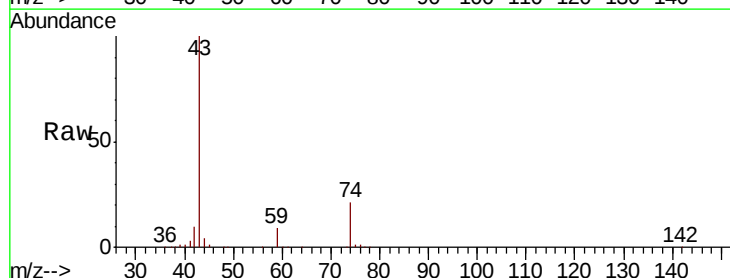
Acq: 16 Nov 2018 08:51

Tgt Ion: 43 Resp: 110611

Ion Ratio Lower Upper

43 100

74 21.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

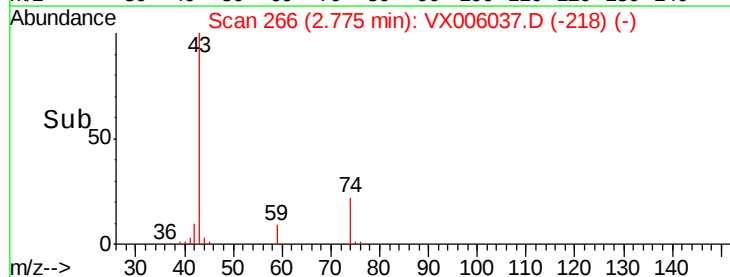
60000

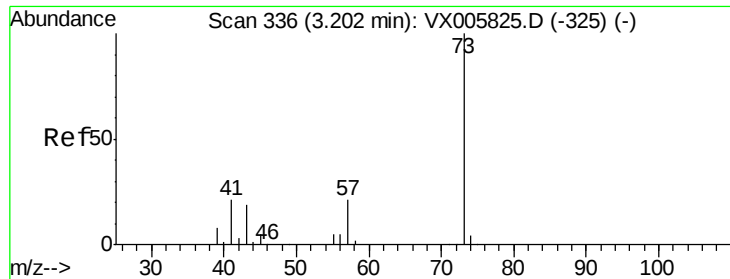
40000

20000

0

Time-->

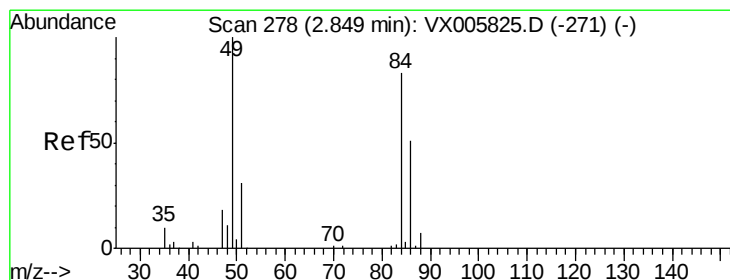
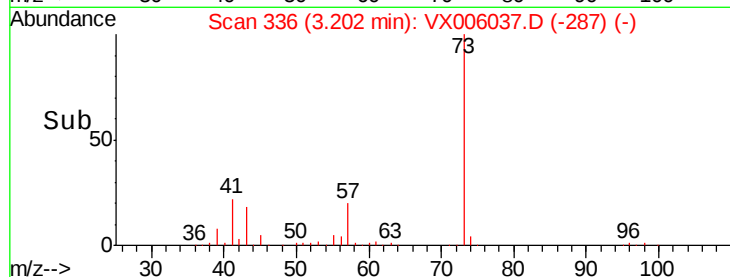
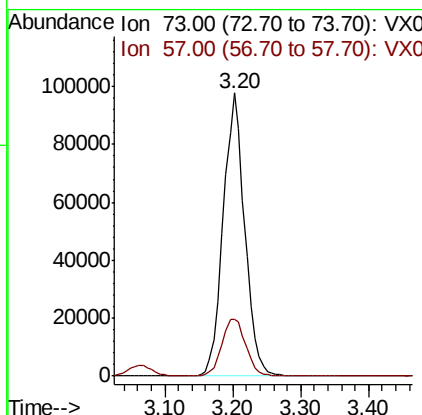
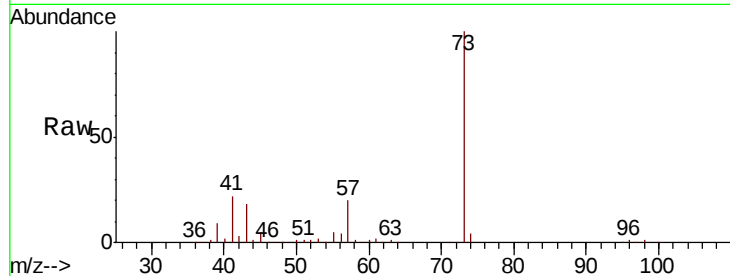




#19
Methvl tert-butvl Ether
Concen: 52.892 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

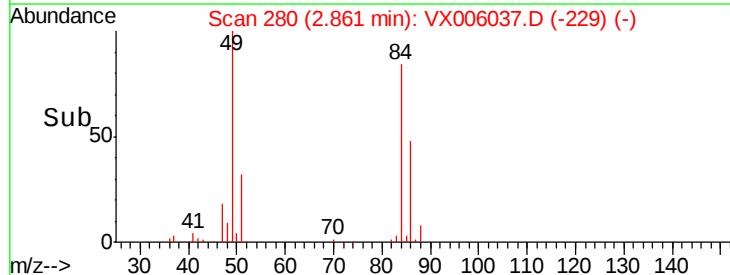
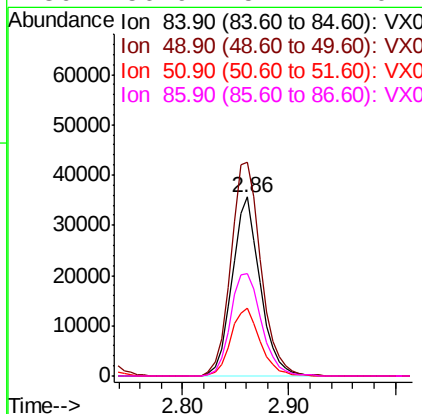
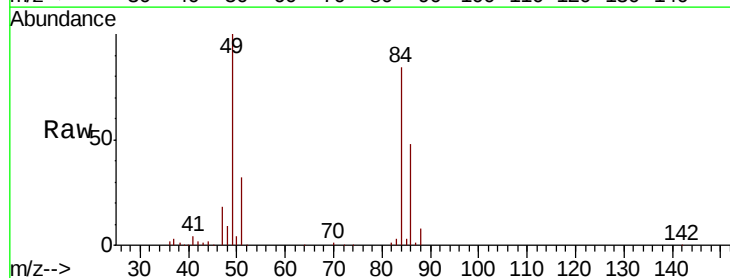
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

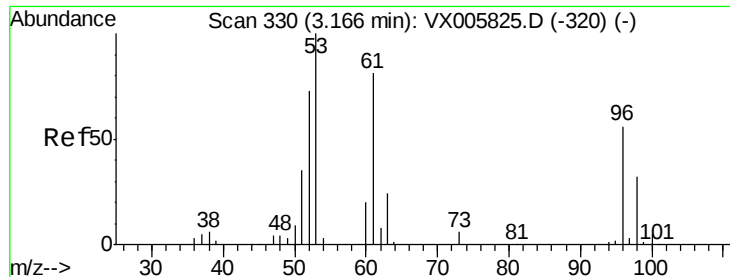
Tot Ion: 73 Resp: 214552
Ion Ratio Lower Upper
73 100
57 20.2 18.8 28.2



#20
Methylene Chloride
Concen: 48.164 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 84 Resp: 65850
Ion Ratio Lower Upper
84 100
49 119.3 109.5 164.3
51 37.9 33.3 49.9
86 56.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.036 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

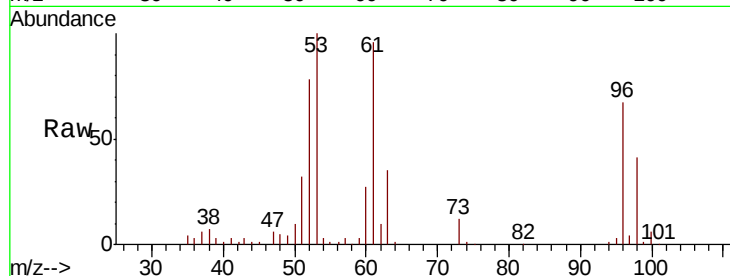
Tot Ion: 96 Resp: 61470

Ion Ratio Lower Upper

96 100

61 142.8 115.6 173.4

98 61.0 50.2 75.2

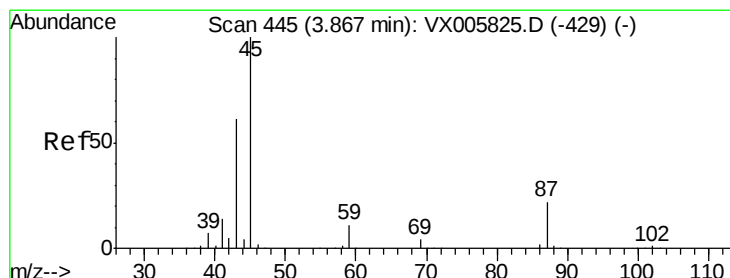
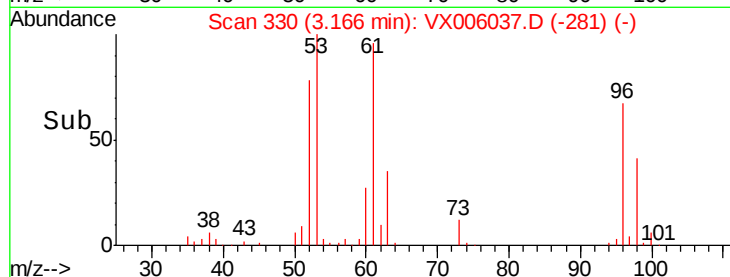
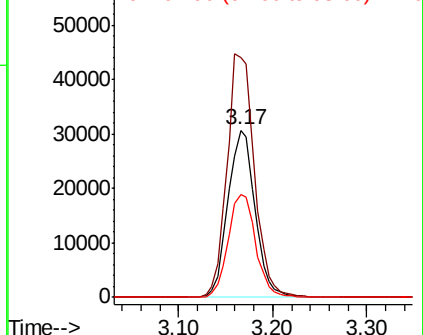


Abundance

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: 52.243 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Tgt Ion: 45 Resp: 242926

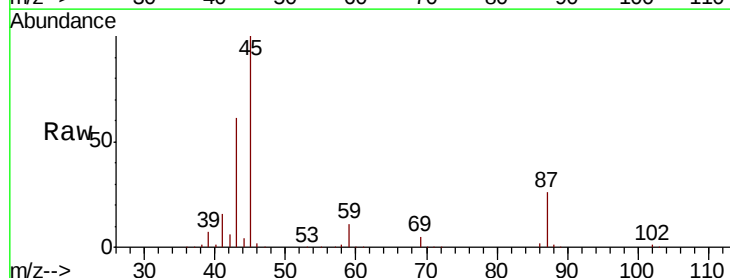
Ion Ratio Lower Upper

45 100

43 60.2 47.4 71.2

87 25.9 15.9 23.9#

59 10.9 7.7 11.5



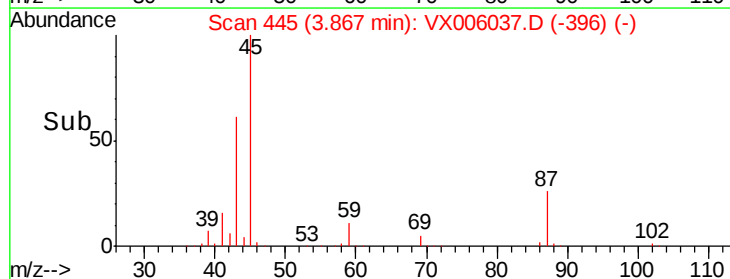
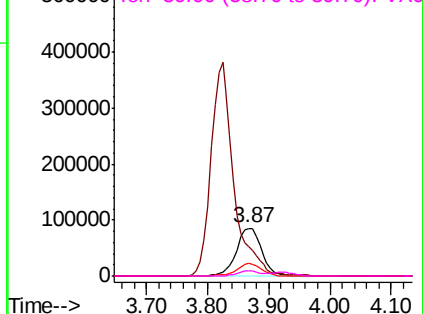
Abundance

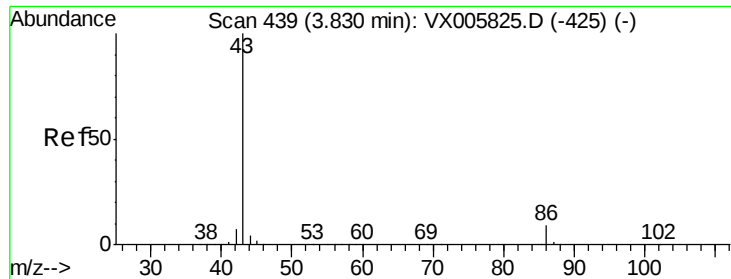
Ion 45.00 (44.70 to 45.70): VX0

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: 251.223 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

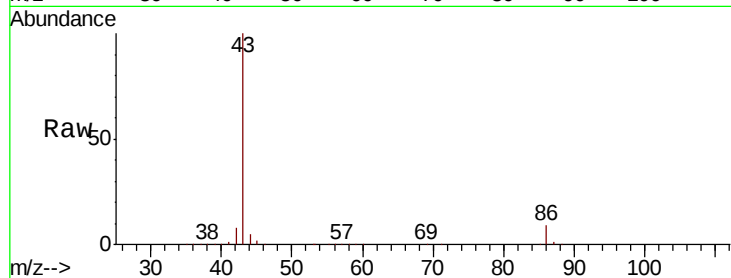
VSTDCCC050

Tot Ion: 43 Resp: 1001602

Ion Ratio Lower Upper

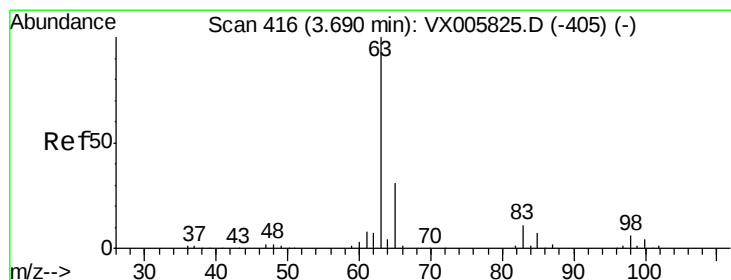
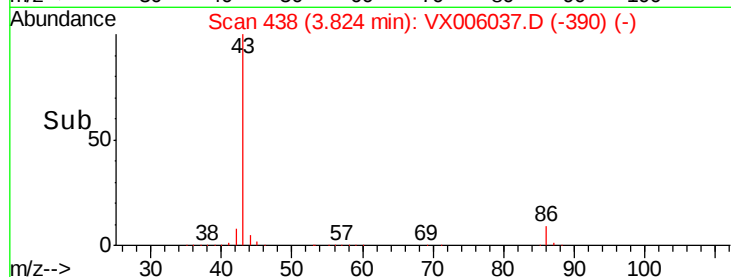
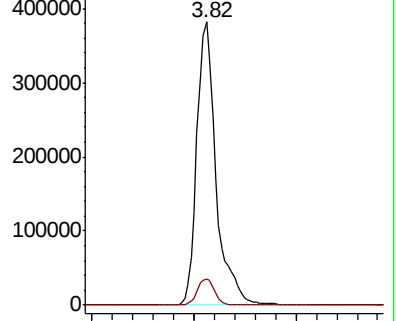
43 100

86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX005825.D (-425) (-)



#24

1,1-Dichloroethane

Concen: 48.156 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

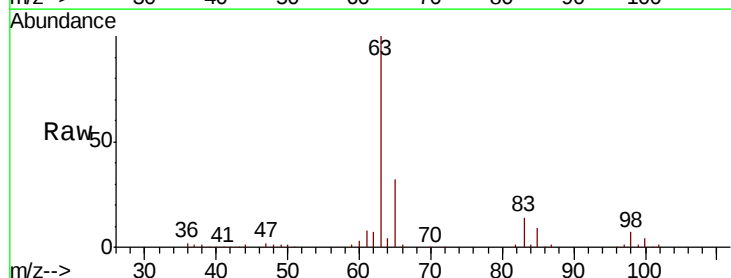
Tgt Ion: 63 Resp: 119466

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

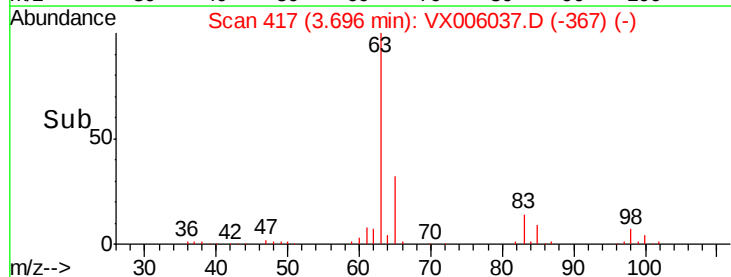
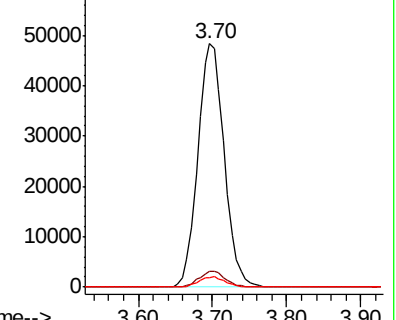
100 3.8 2.1 6.2

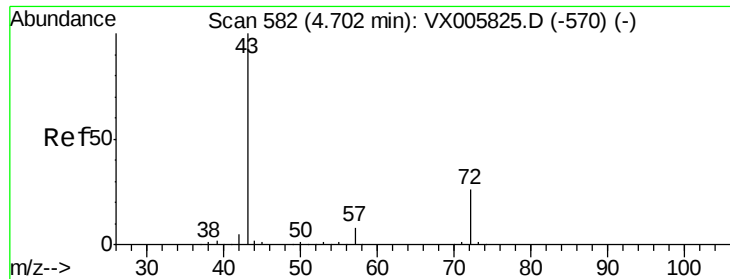


Abundance Ion 62.90 (62.60 to 63.60): VX005825.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005825.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005825.D (-405) (-)





#25

2-Butanone

Concen: 236.338 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

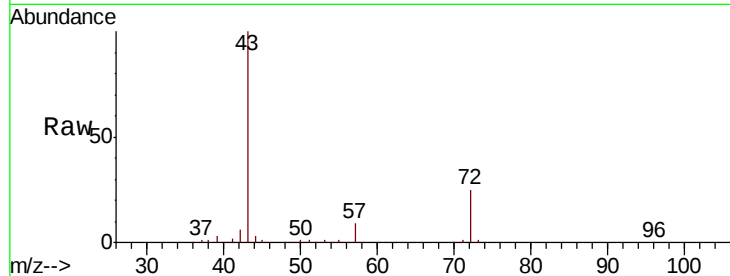
VSTDCCC050

Tot Ion: 43 Resp: 309252

Ion Ratio Lower Upper

43 100

72 24.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

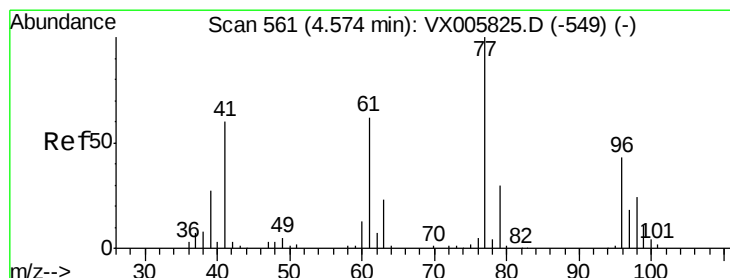
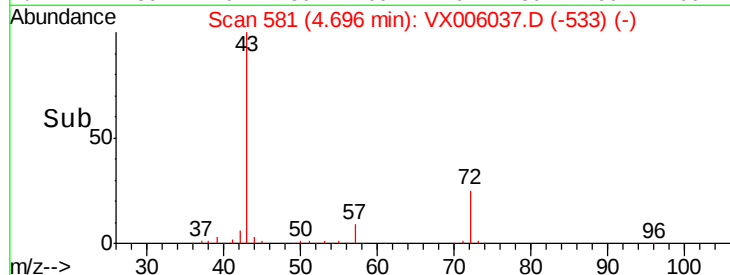
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.700 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006037.D

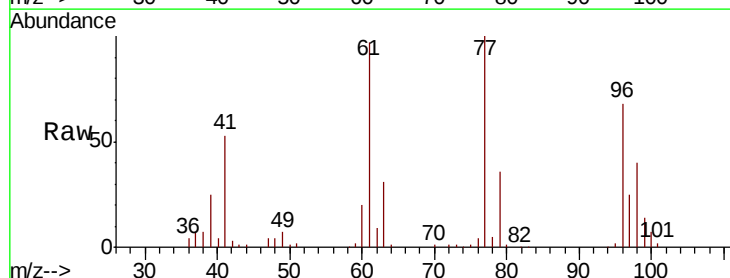
Acq: 16 Nov 2018 08:51

Tgt Ion: 77 Resp: 95904

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

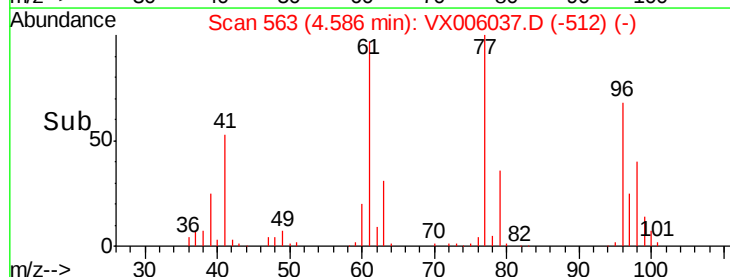
20000

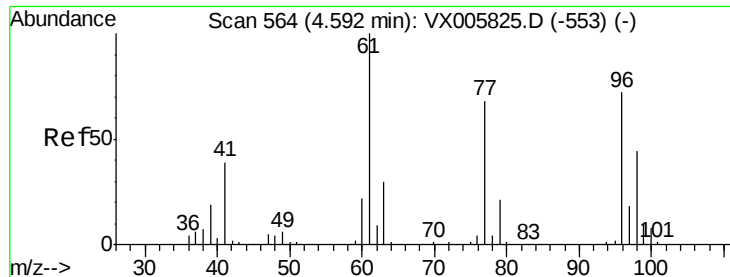
10000

0

4.50 4.60 4.70

Time-->



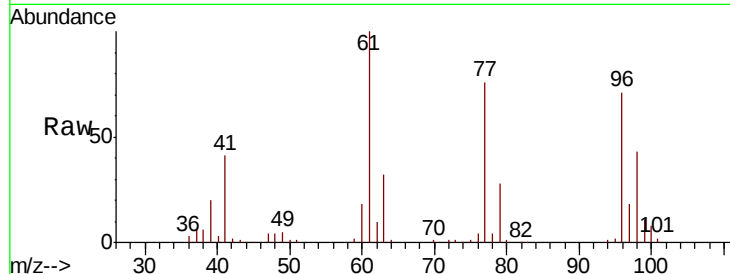


#27

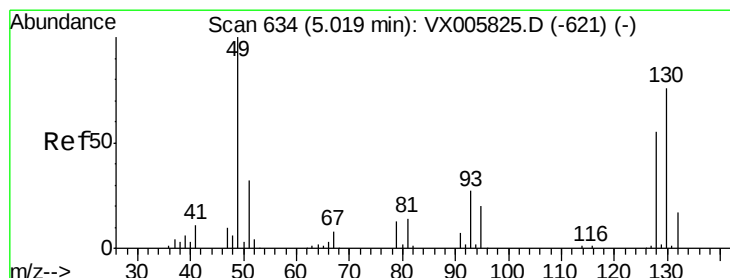
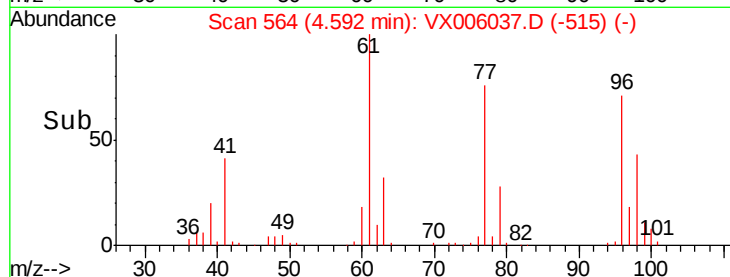
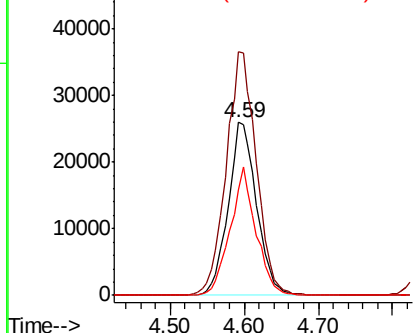
cis-1,2-Dichloroethene
 Concen: 50.034 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 69256
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 304.6
 98 67.1 0.0 127.4



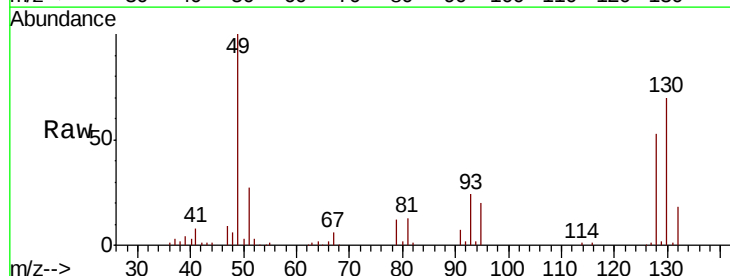
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



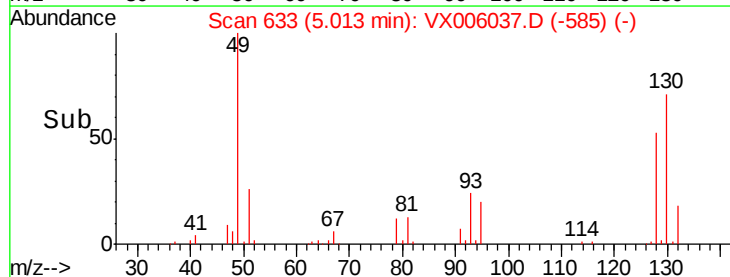
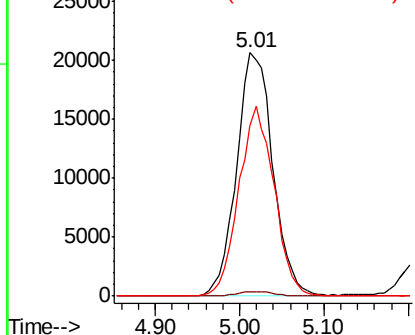
#28

Bromochloromethane
 Concen: 54.279 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion: 49 Resp: 60180
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 76.0 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

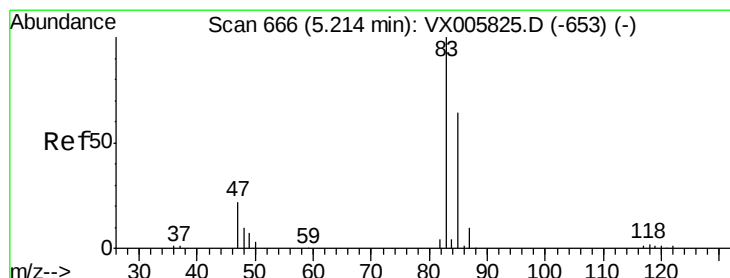
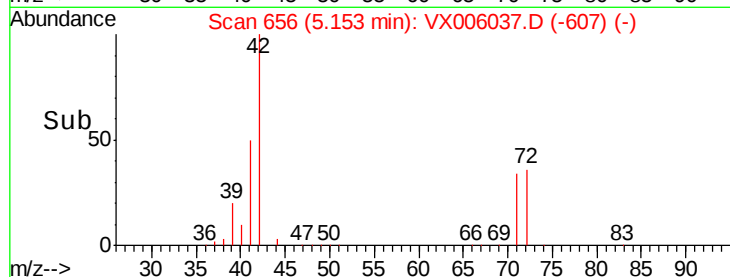
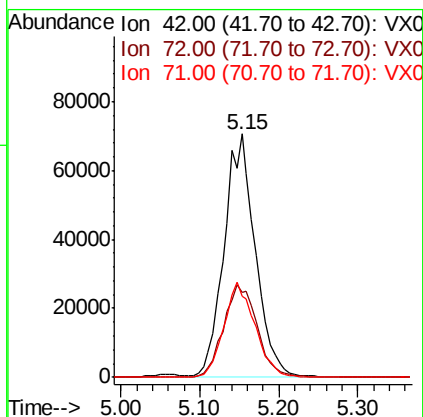
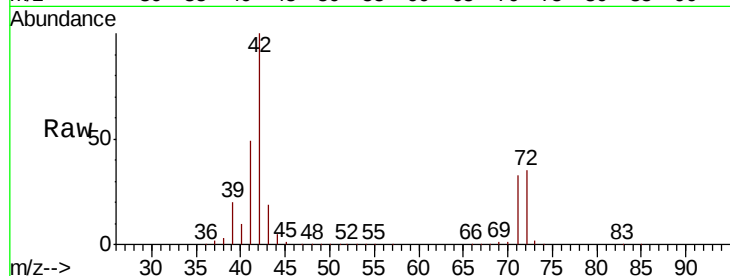




#29
Tetrahydrofuran
Concen: 229.487 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

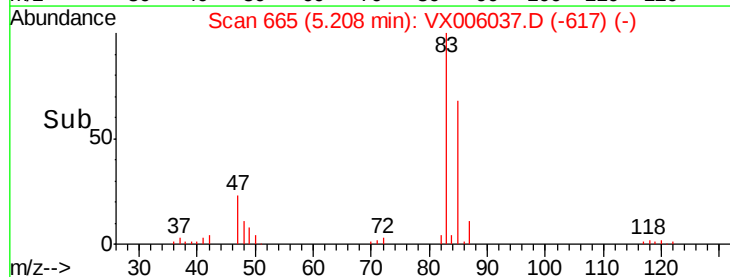
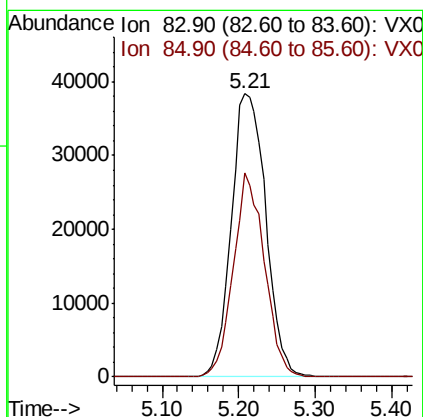
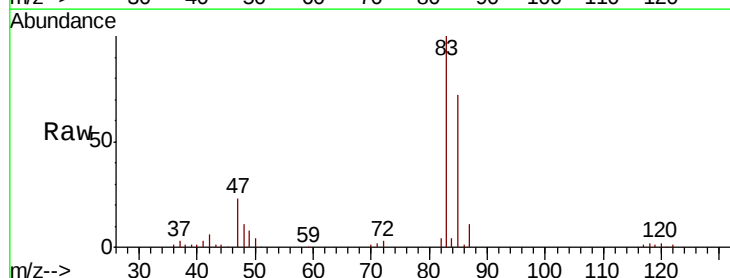
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

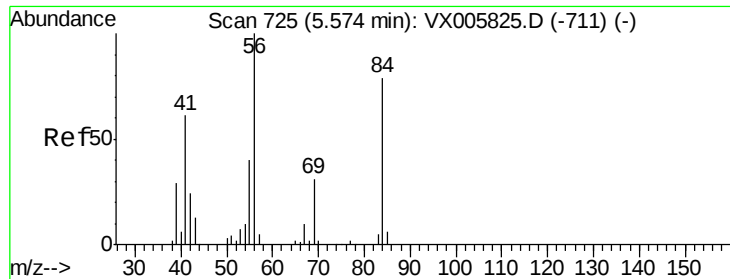
Tot Ion: 42 Resp: 192807
Ion Ratio Lower Upper
42 100
72 41.5 32.0 48.0
71 39.0 29.8 44.8



#30
Chloroform
Concen: 50.082 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 83 Resp: 119867
Ion Ratio Lower Upper
83 100
85 72.2 50.6 76.0

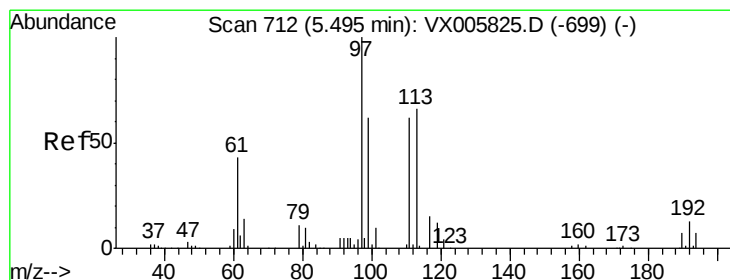
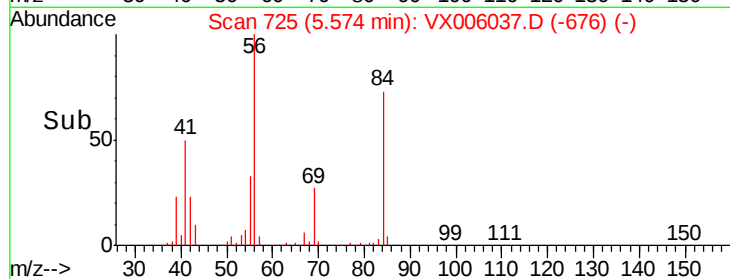
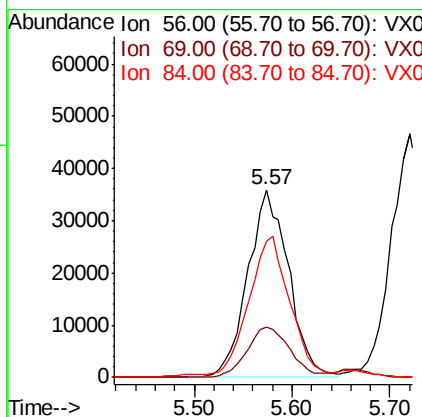
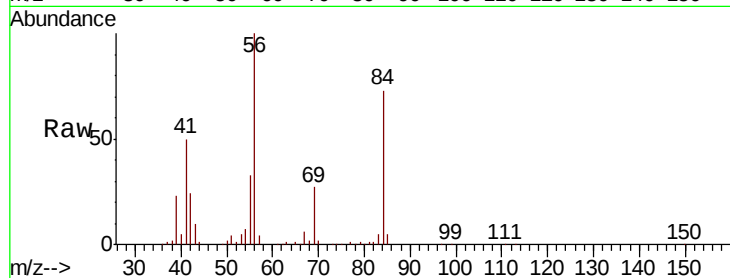




#31
Cyclohexane
Concen: 48.200 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

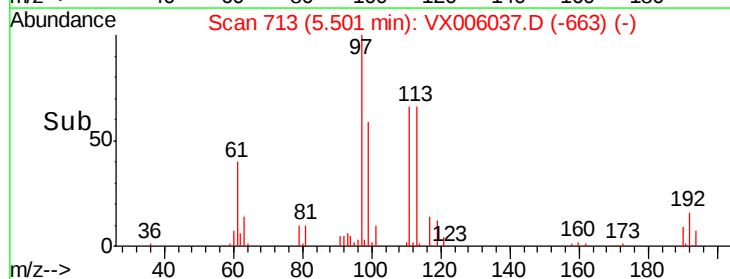
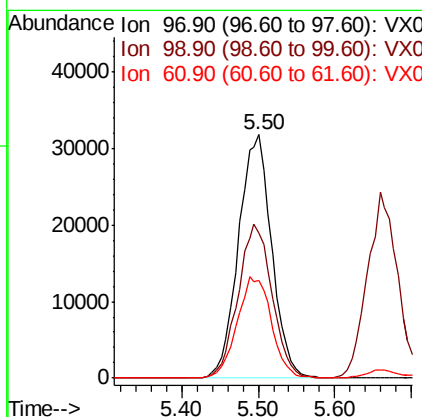
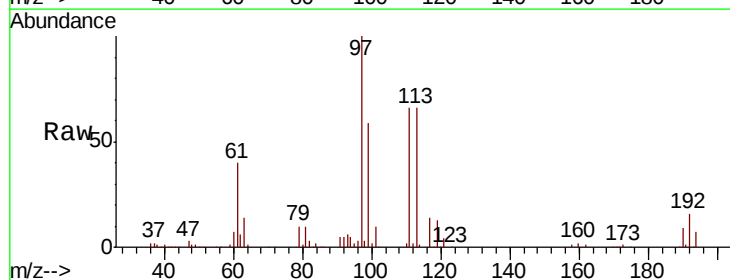
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 103798
Ion Ratio Lower Upper
56 100
69 27.2 22.6 34.0
84 71.1 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 47.993 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 97 Resp: 95812
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 43.1 35.2 52.8

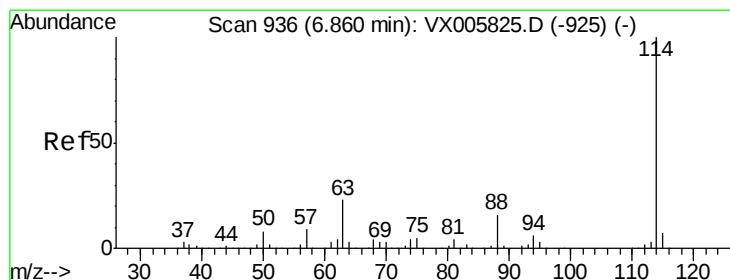
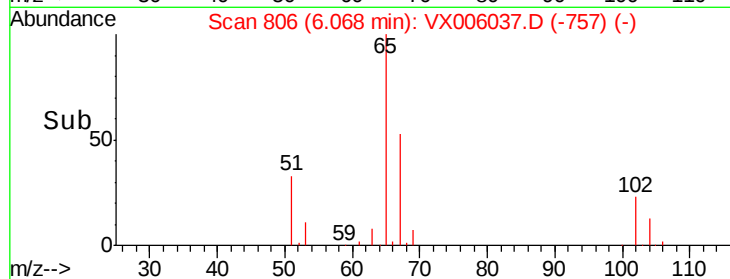
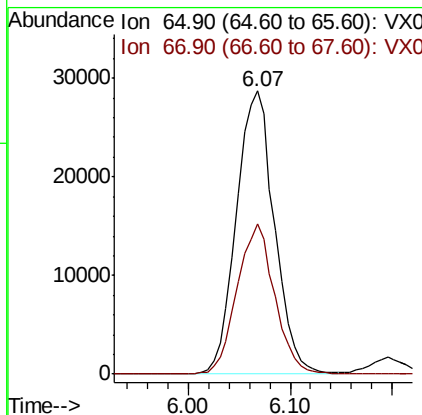
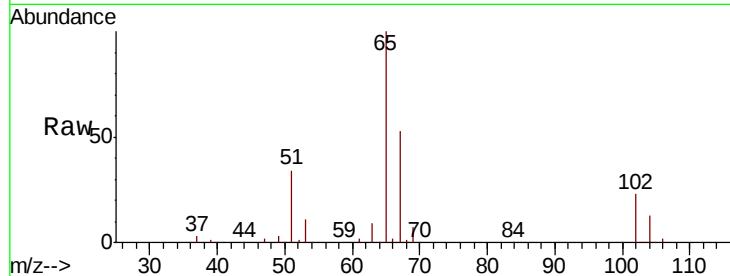




#33
 1,2-Dichloroethane-d4
 Concen: 48.146 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

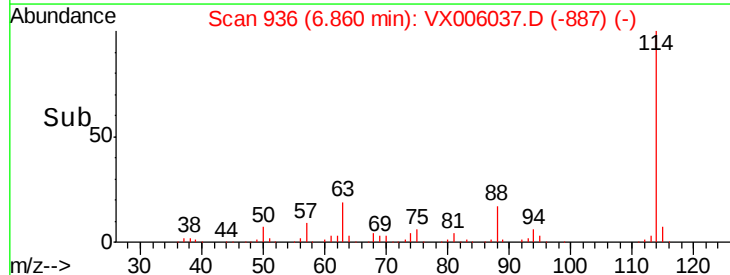
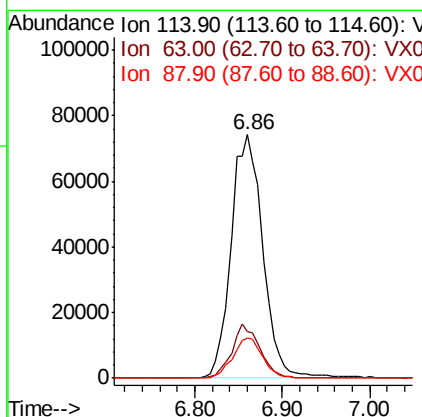
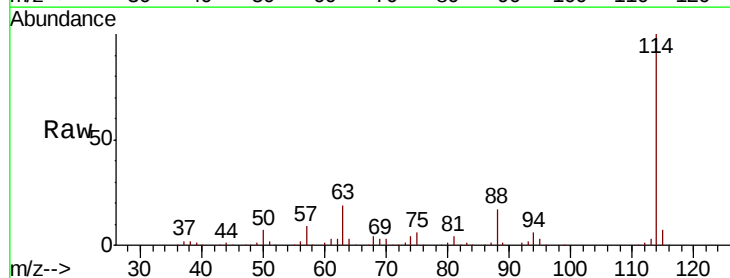
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 74424
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion: 114 Resp: 186653
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.8
 88 16.7 0.0 31.2

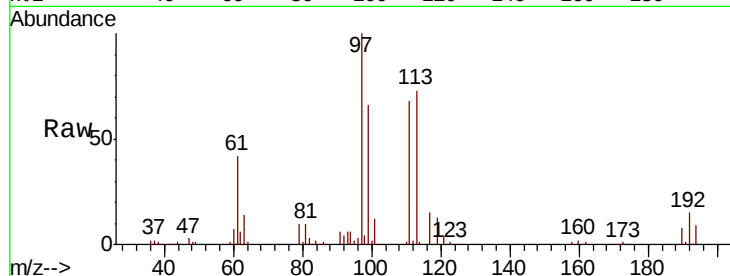




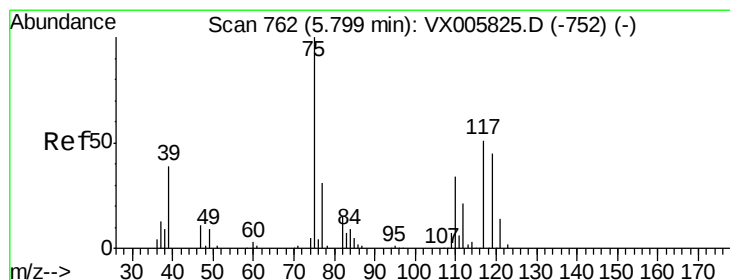
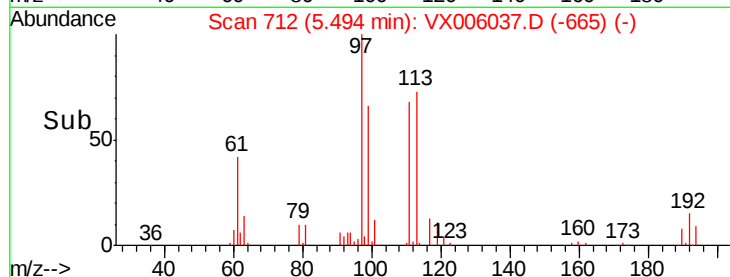
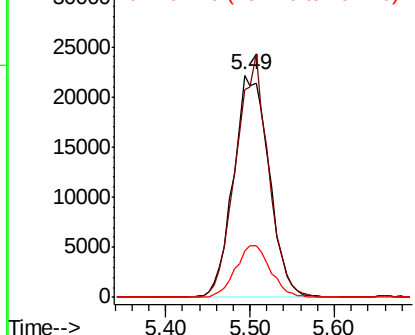
#35
 Dibromofluoromethane
 Concen: 50.064 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 63557
 Ion Ratio Lower Upper
 113 100
 111 99.2 82.3 123.5
 192 22.7 17.9 26.9

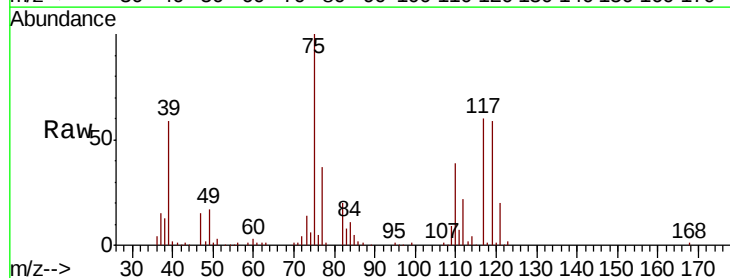


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

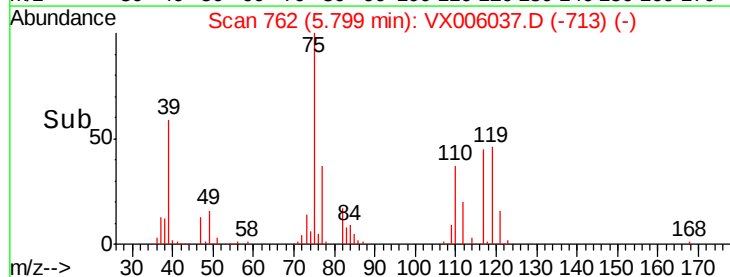
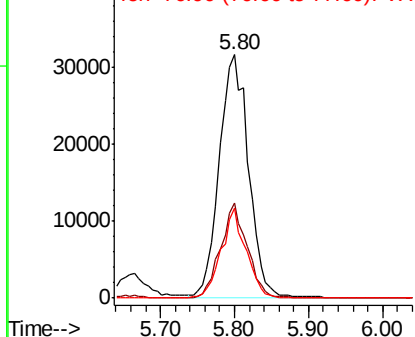


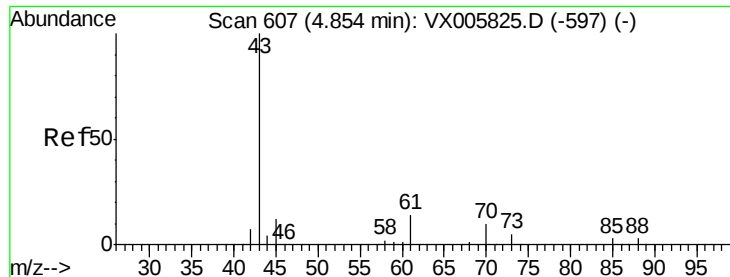
#36
 1,1-Dichloropropene
 Concen: 47.860 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion: 75 Resp: 86119
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.4 52.2
 77 32.0 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

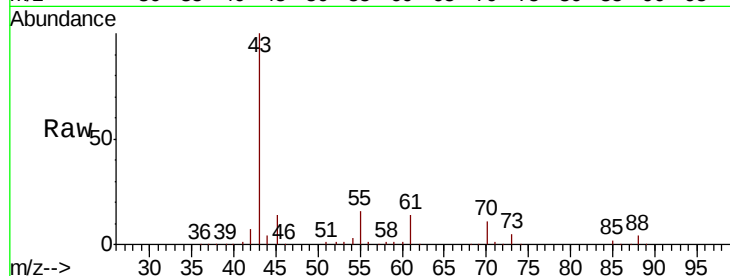




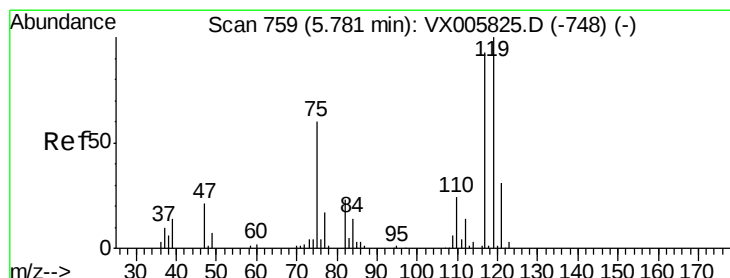
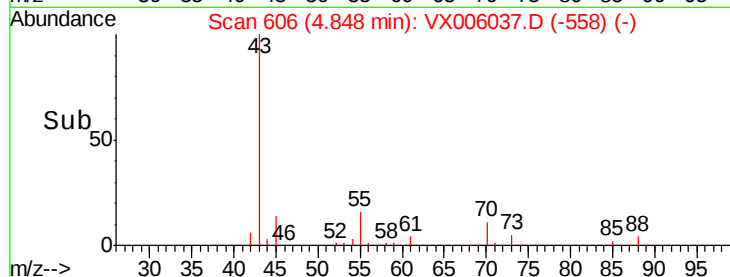
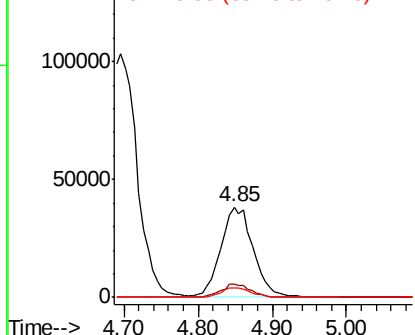
#37
Ethyl Acetate
Concen: 48.702 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 115240
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 10.2 7.8 11.8

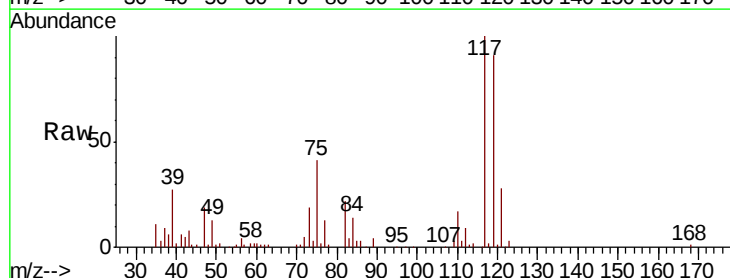


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

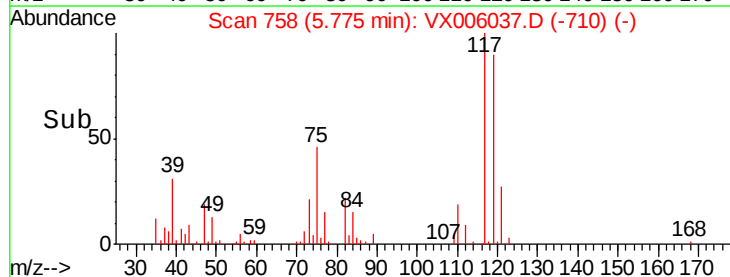
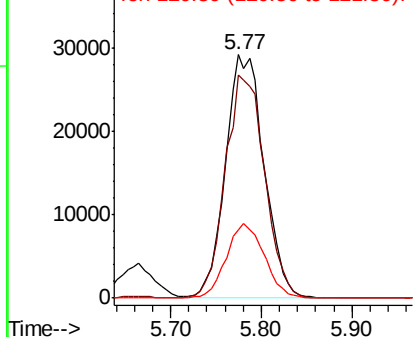


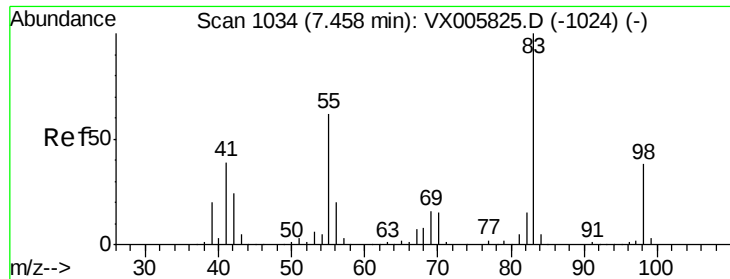
#38
Carbon Tetrachloride
Concen: 47.849 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 117 Resp: 86194
Ion Ratio Lower Upper
117 100
119 91.4 78.1 117.1
121 27.9 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

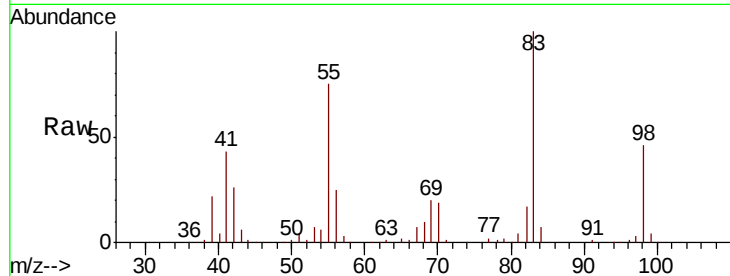




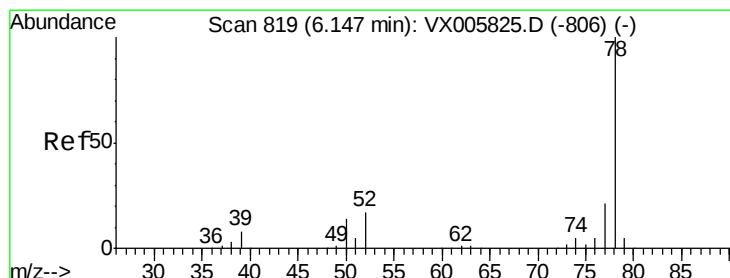
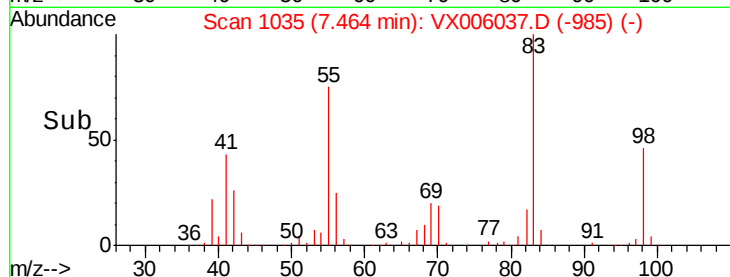
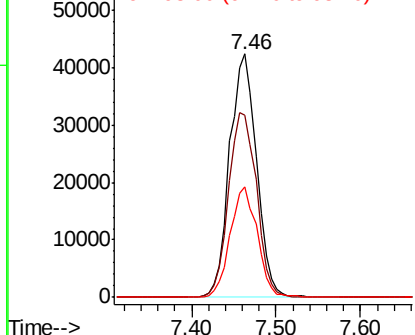
#39
Methvlcvclohexane
Concen: 50.553 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 92195
Ion Ratio Lower Upper
83 100
55 74.9 63.7 95.5
98 45.5 36.2 54.2

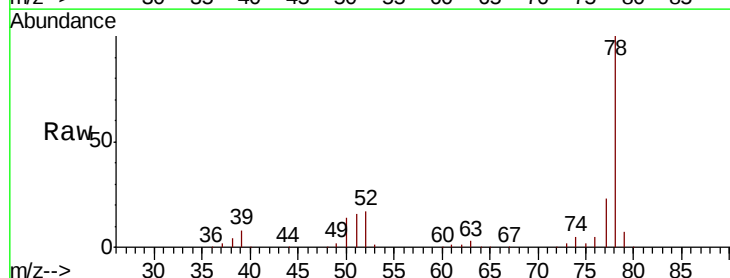


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

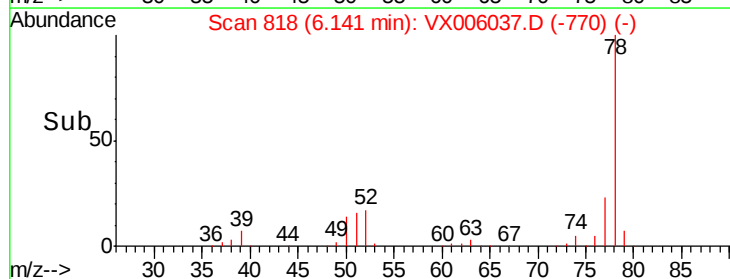
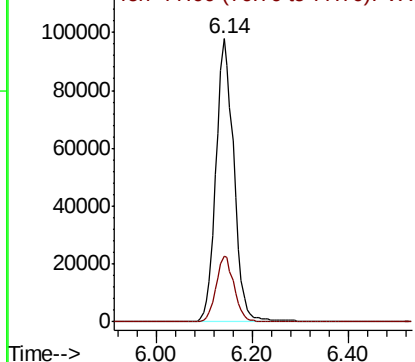


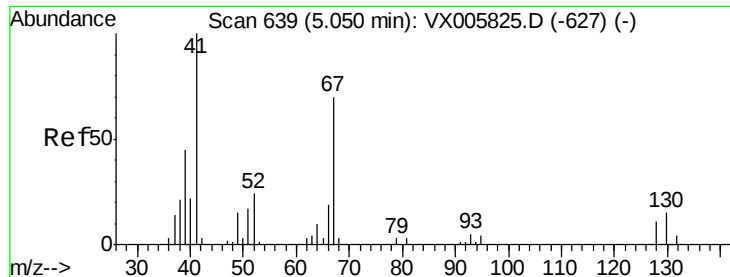
#40
Benzene
Concen: 48.493 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 78 Resp: 254374
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6



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





#41

Methacrylonitrile

Concen: 48.433 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 41 Resp: 61925

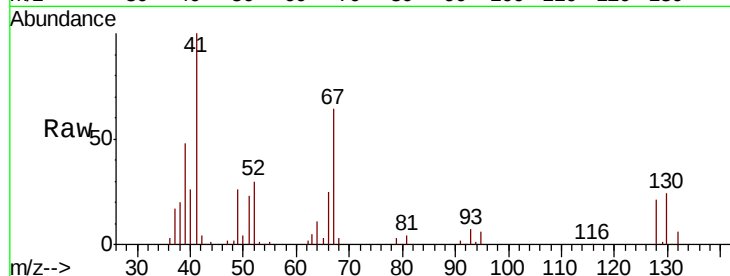
Ion Ratio Lower Upper

41 100

39 53.8 42.2 63.2

67 69.1 53.4 80.0

52 28.8 23.4 35.2

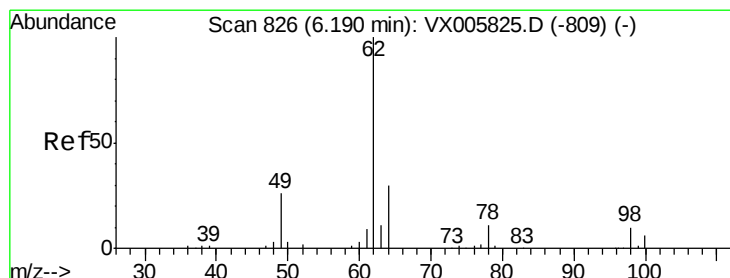
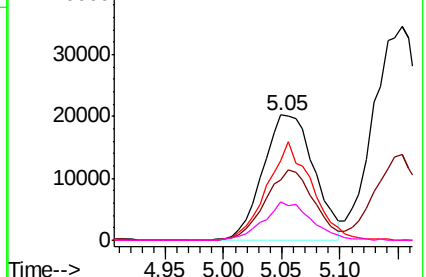
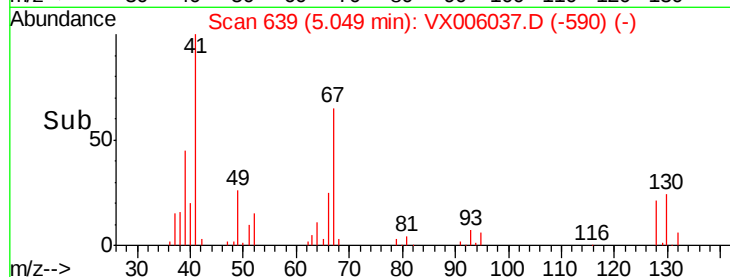


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.501 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX006037.D

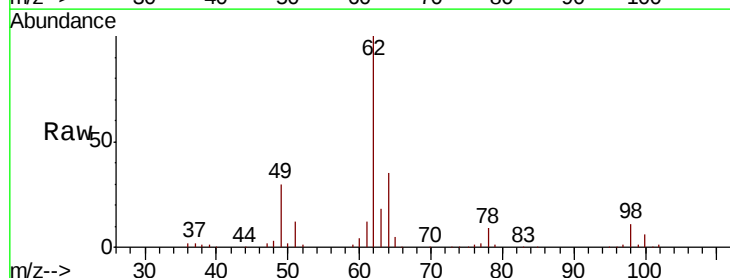
Acq: 16 Nov 2018 08:51

Tgt Ion: 62 Resp: 87369

Ion Ratio Lower Upper

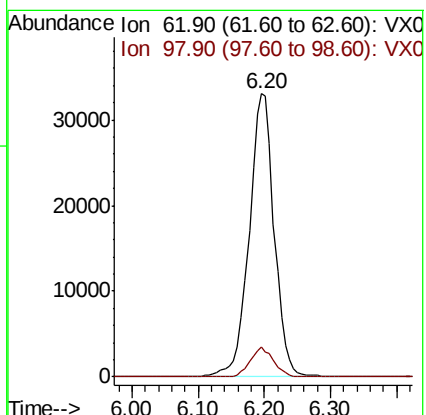
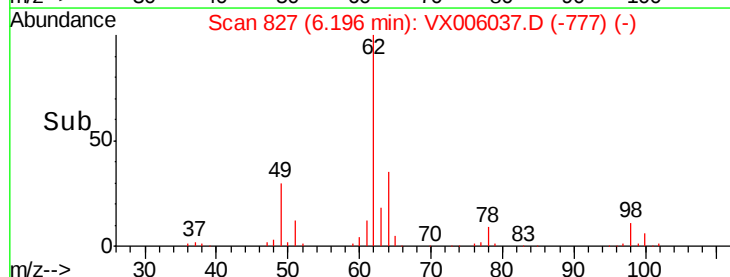
62 100

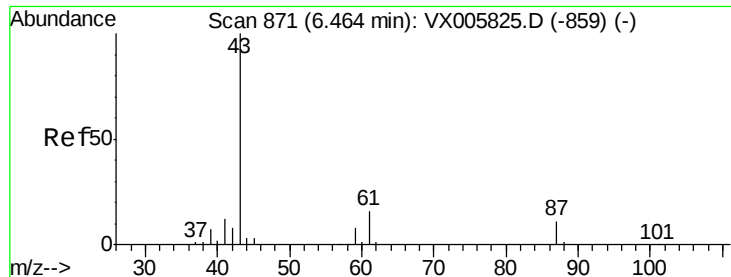
98 9.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



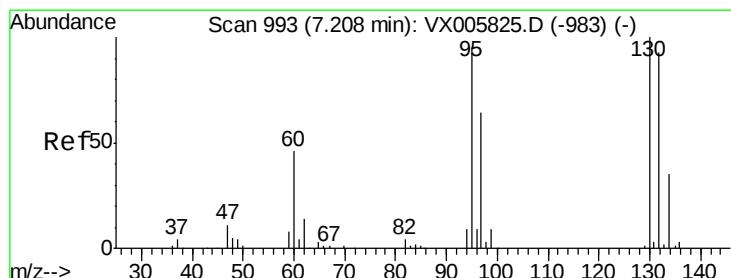
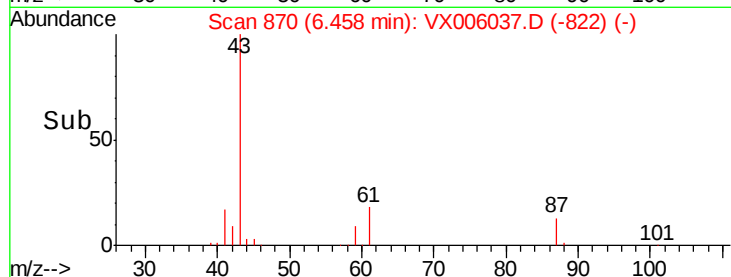
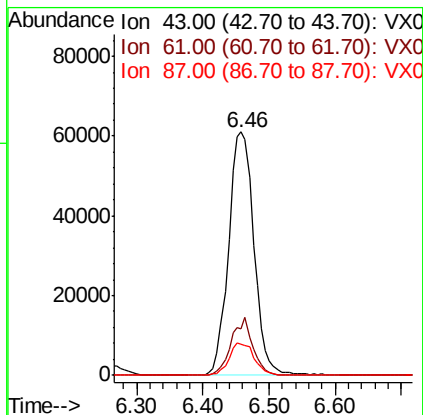
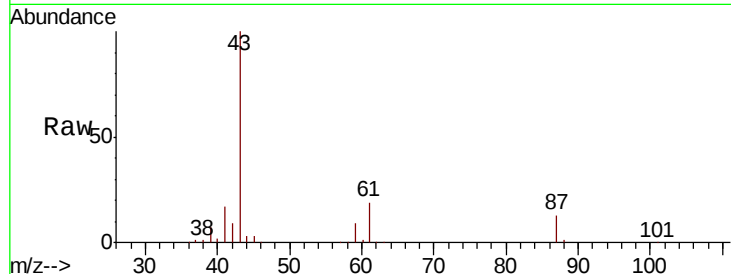


#43

Isopropyl Acetate
 Concen: 47.323 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

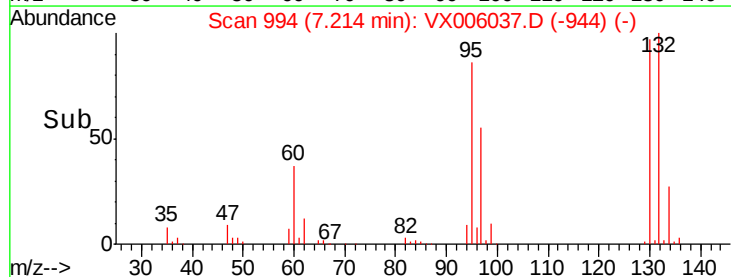
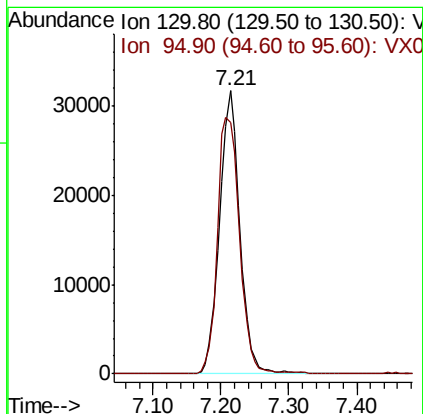
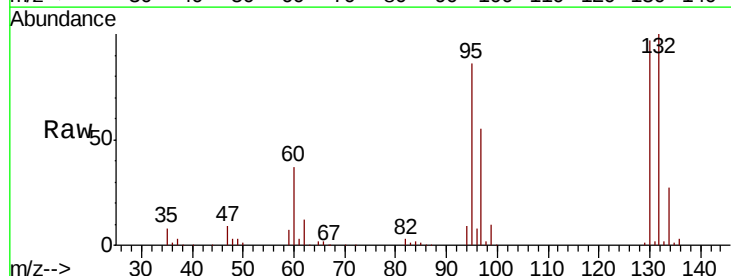
Tot Ion: 43 Resp: 162255
 Ion Ratio Lower Upper
 43 100
 61 20.1 14.6 22.0
 87 13.2 9.6 14.4

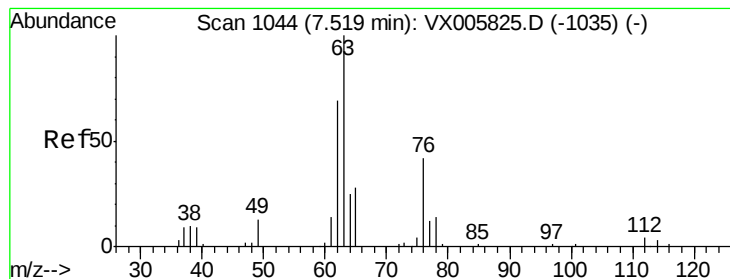


#44

Trichloroethene
 Concen: 49.443 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion:130 Resp: 65865
 Ion Ratio Lower Upper
 130 100
 95 88.8 0.0 194.2





#45

1,2-Dichloropropane

Concen: 54.355 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

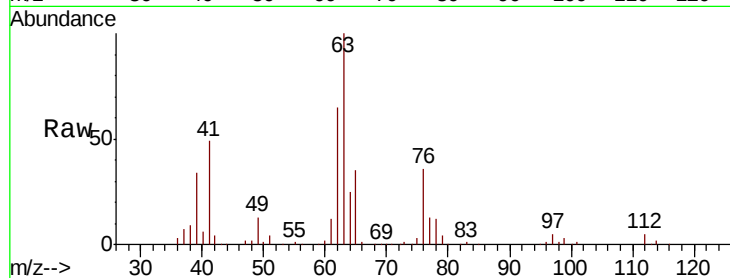
VSTDCCC050

Tot Ion: 63 Resp: 69205

Ion Ratio Lower Upper

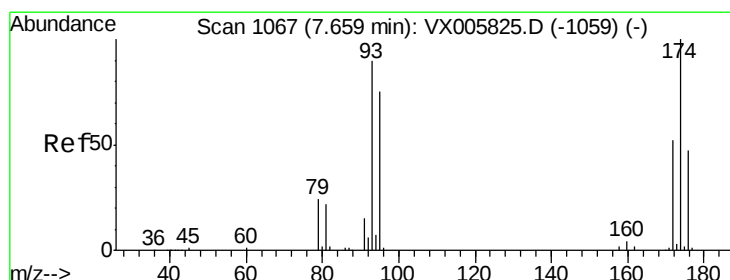
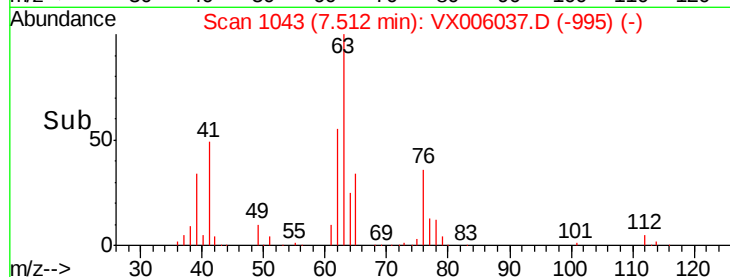
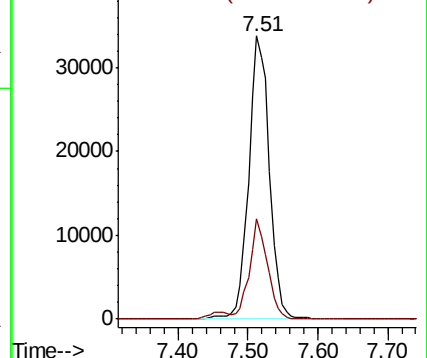
63 100

65 35.3 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: 52.785 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

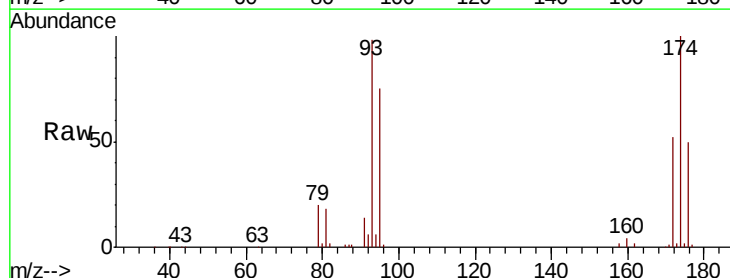
Tgt Ion: 93 Resp: 42172

Ion Ratio Lower Upper

93 100

95 82.8 67.4 101.0

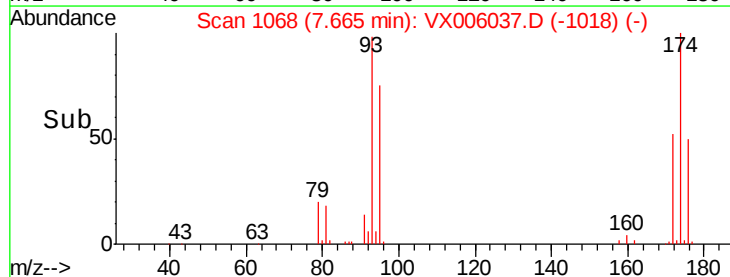
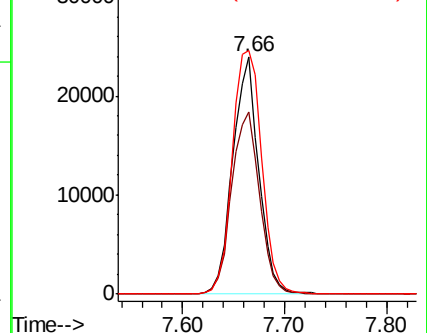
174 115.7 91.5 137.3



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: 52.323 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

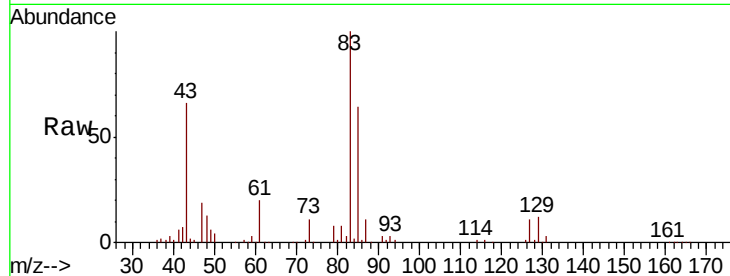
Tot Ion: 83 Resp: 79003

Ion Ratio Lower Upper

83 100

85 63.9 50.2 75.4

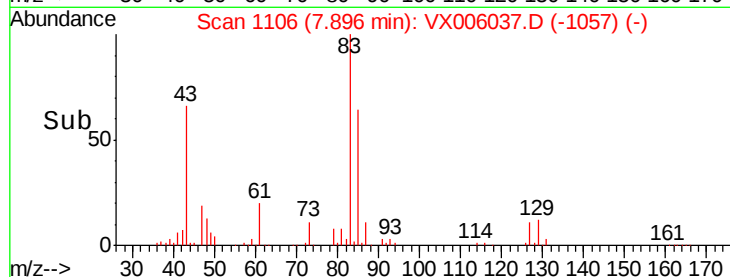
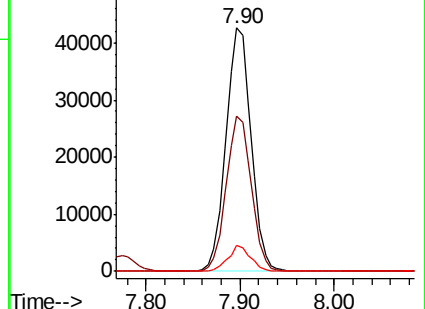
127 10.7 6.9 10.3#



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: 52.651 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

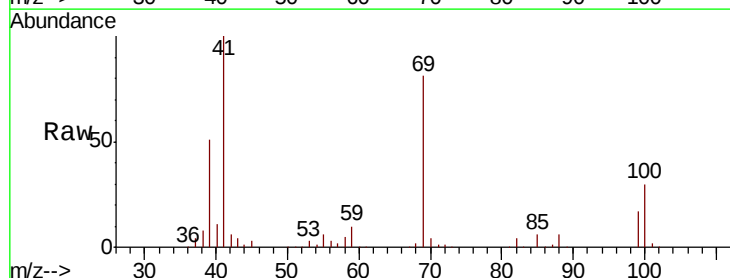
Tgt Ion: 41 Resp: 81059

Ion Ratio Lower Upper

41 100

69 80.7 63.2 94.8

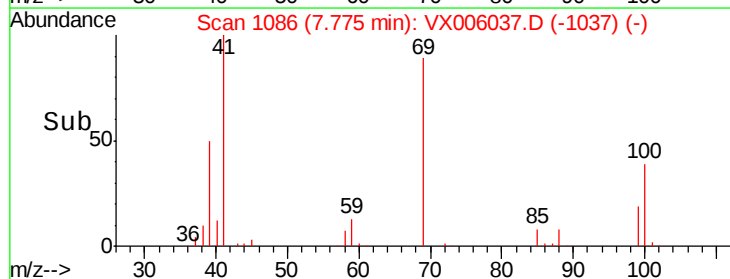
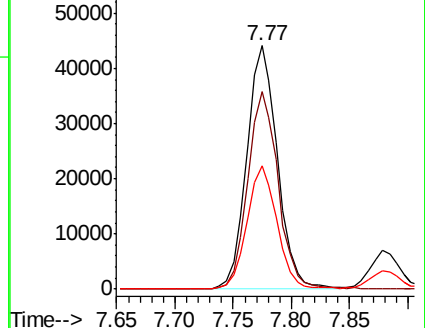
39 49.9 42.2 63.2

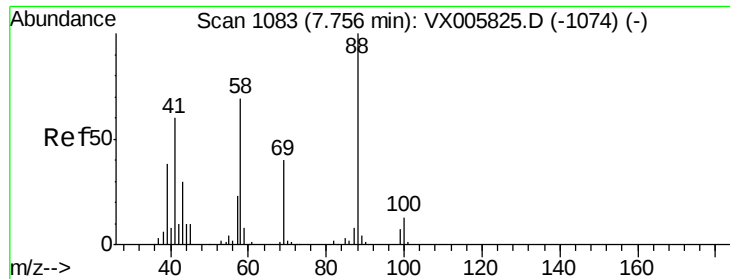


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

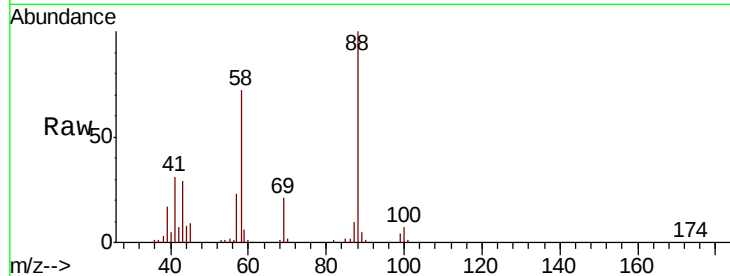




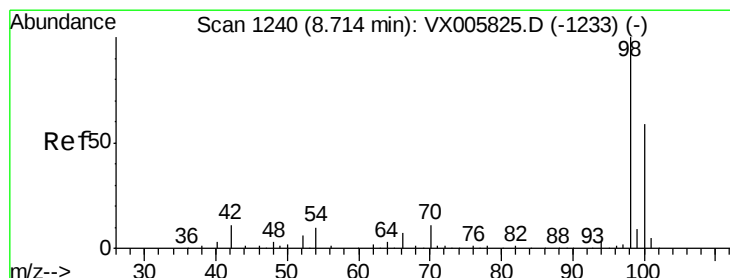
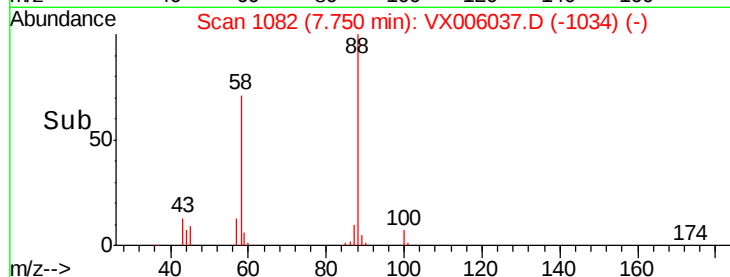
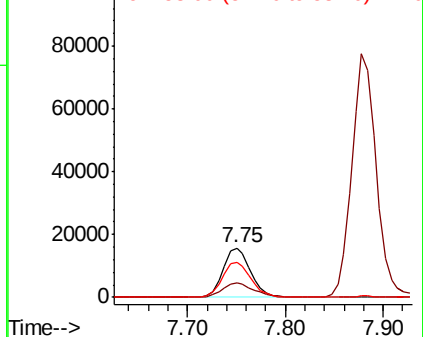
#49
 1,4-Dioxane
 Concen: 917.379 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 30434
 Ion Ratio Lower Upper
 88 100
 43 34.0 27.4 41.0
 58 74.4 59.4 89.2

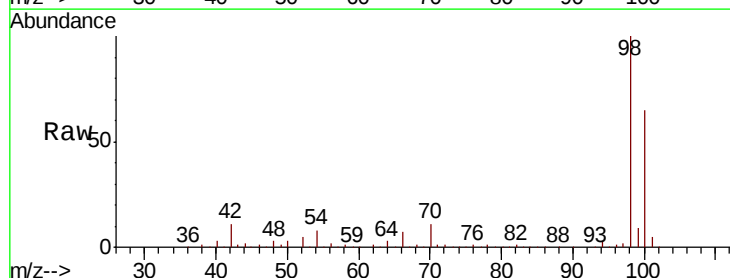


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

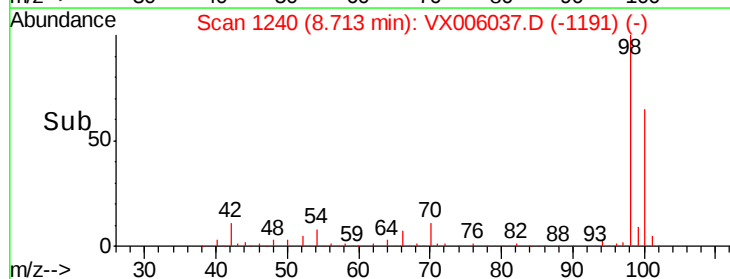
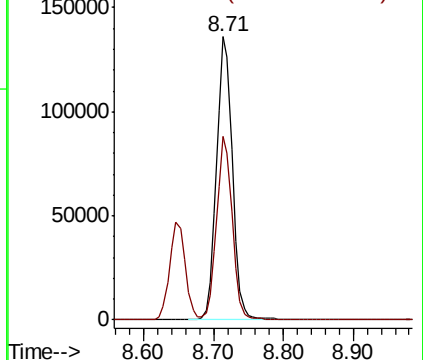


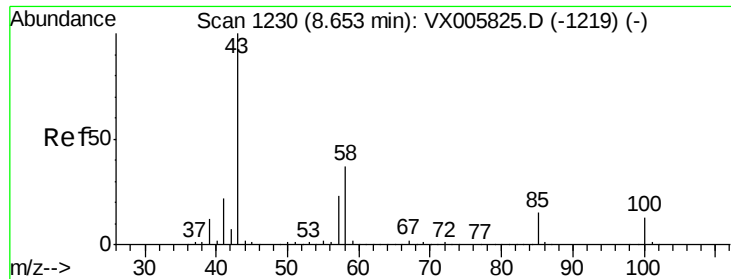
#50
 Toluene-d8
 Concen: 50.782 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion: 98 Resp: 214332
 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: 245.028 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

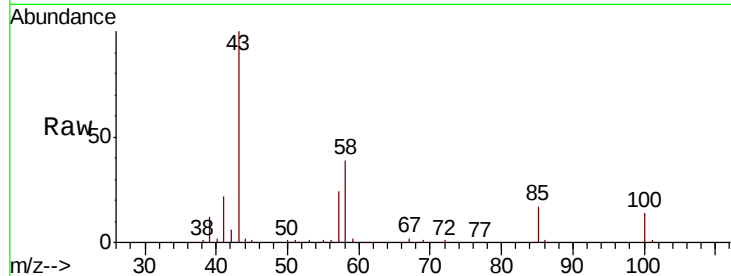
VSTDCCC050

Tot Ion: 43 Resp: 529478

Ion Ratio Lower Upper

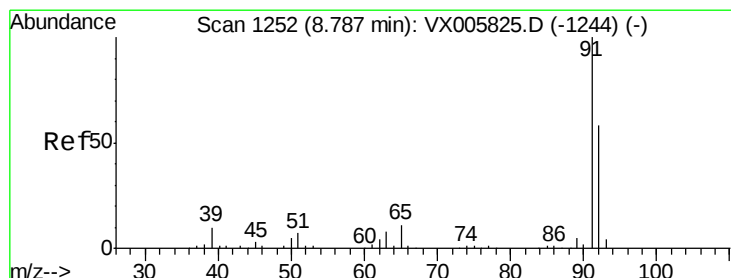
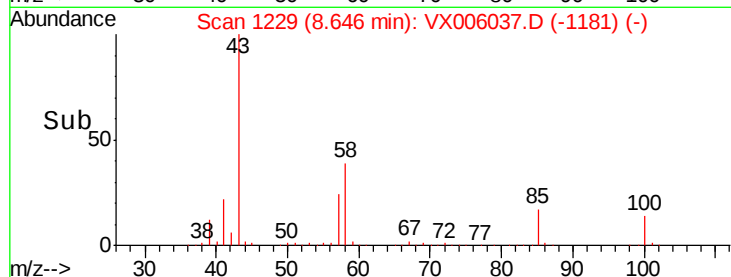
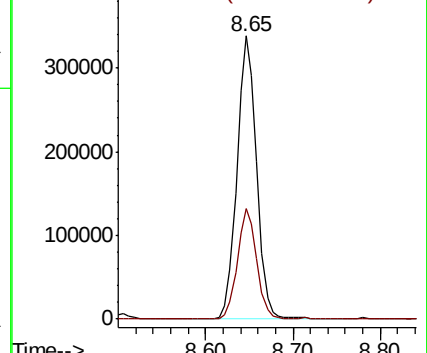
43 100

58 38.3 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: 49.305 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006037.D

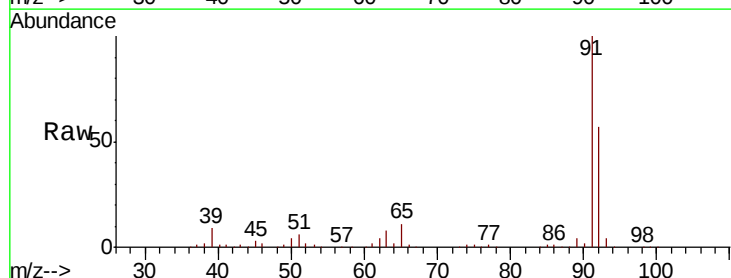
Acq: 16 Nov 2018 08:51

Tgt Ion: 92 Resp: 144547

Ion Ratio Lower Upper

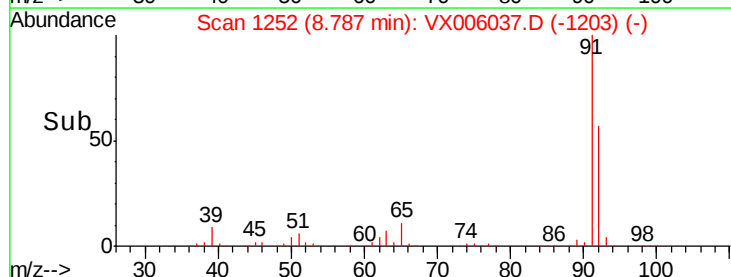
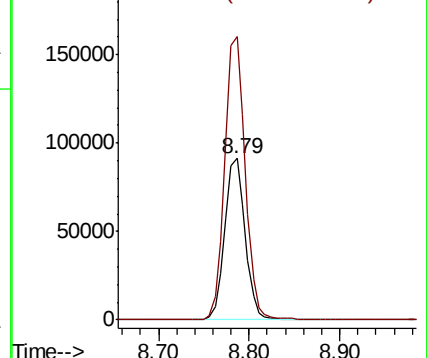
92 100

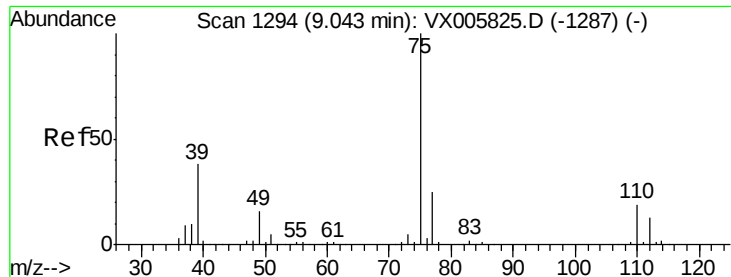
91 176.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

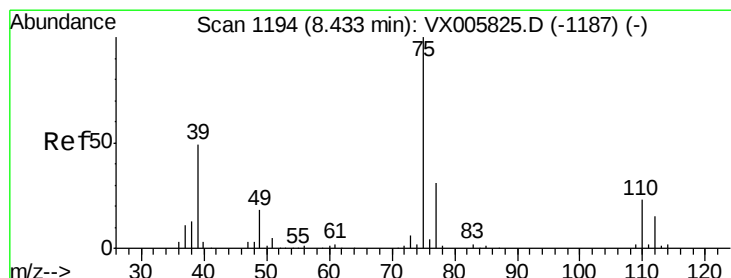
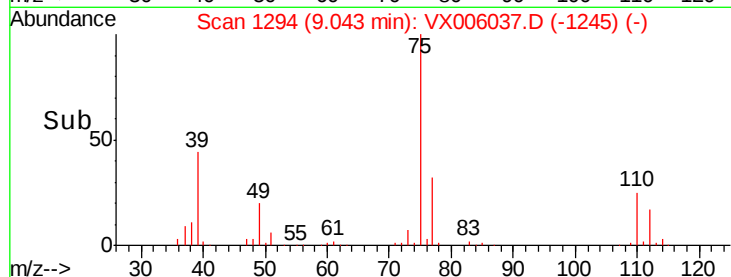
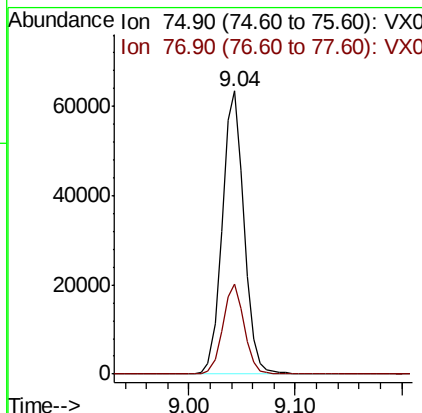
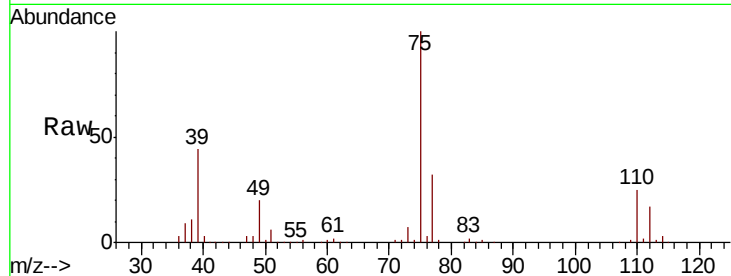




#53
t-1,3-Dichloropropene
Concen: 50.819 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

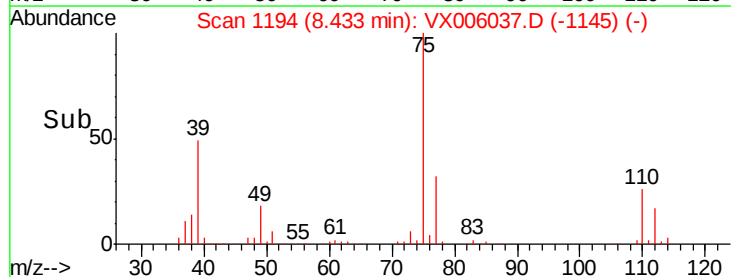
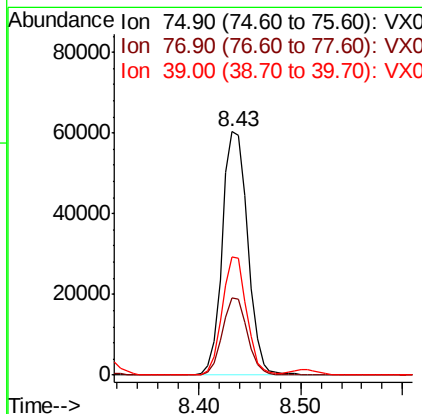
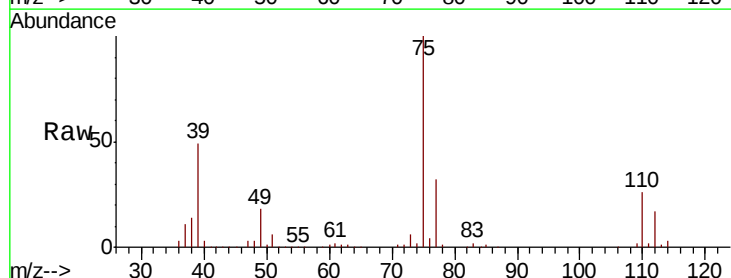
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

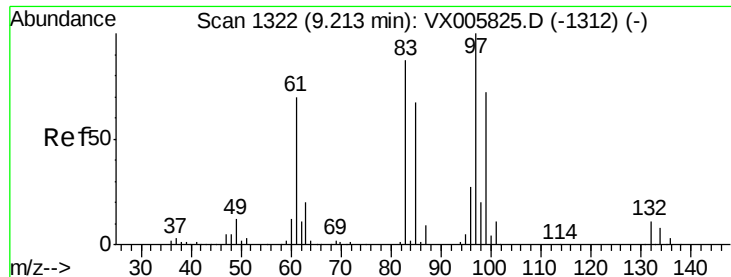
Tot Ion: 75 Resp: 90551
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 57.720 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 75 Resp: 104827
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 48.4 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 46.982 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 61386

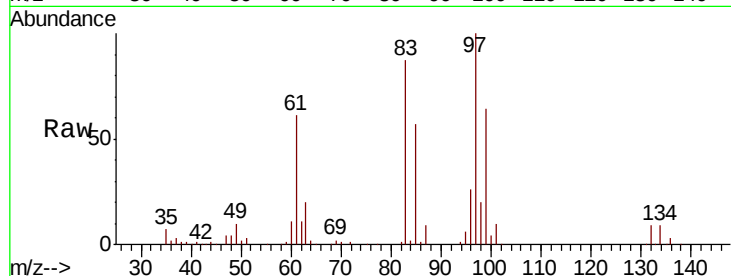
Ion Ratio Lower Upper

97 100

83 86.8 70.7 106.1

85 57.2 45.8 68.6

99 63.9 51.8 77.8

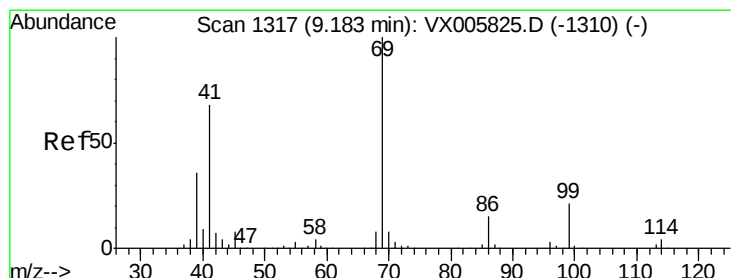
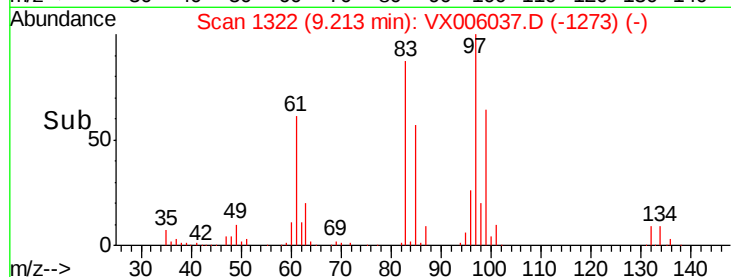
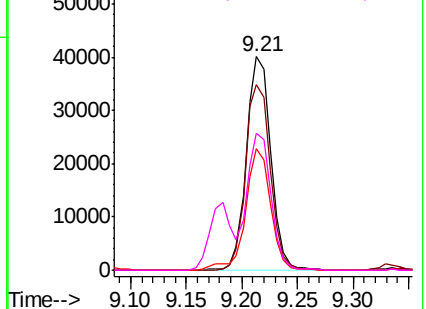


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.802 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

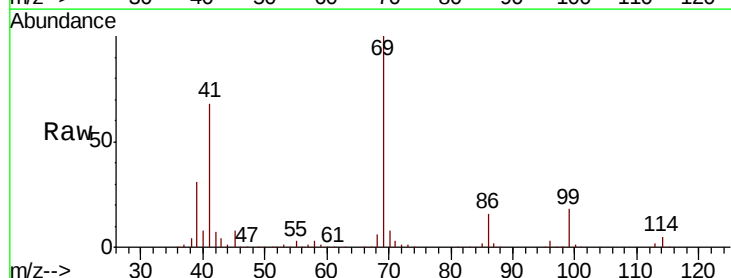
Tgt Ion: 69 Resp: 97362

Ion Ratio Lower Upper

69 100

41 70.1 57.0 85.6

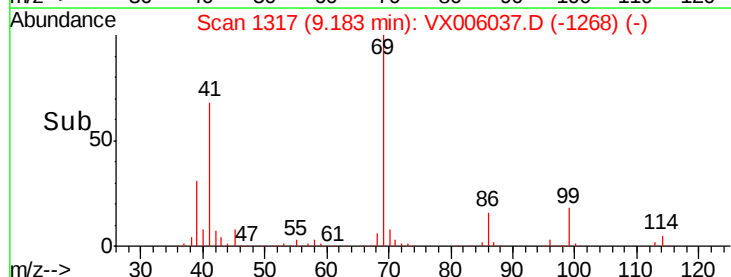
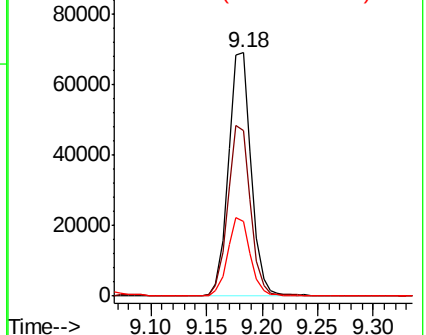
39 32.7 28.3 42.5

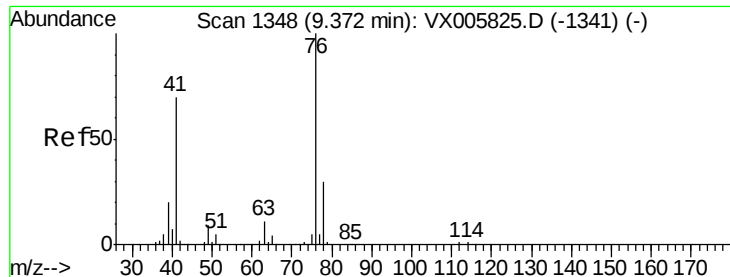


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

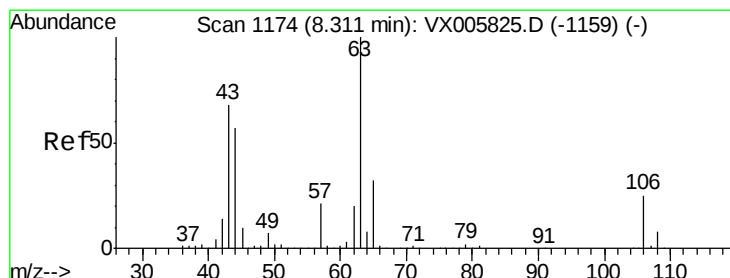
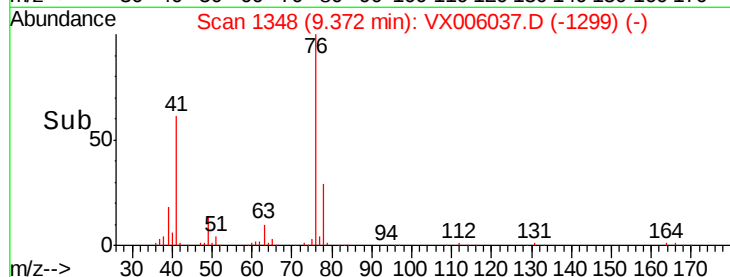
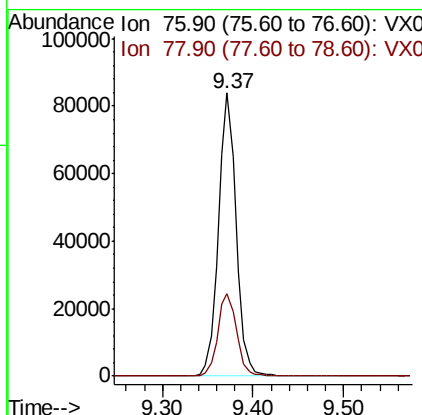
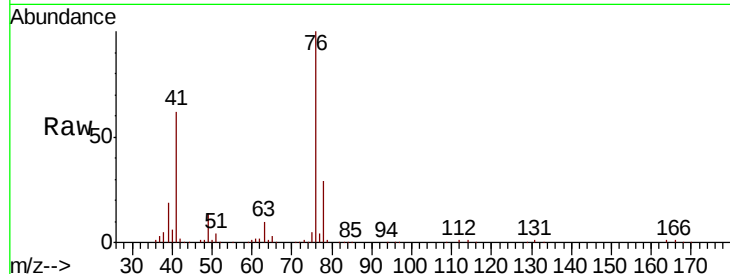




#57
 1,3-Dichloropropane
 Concen: 52.023 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

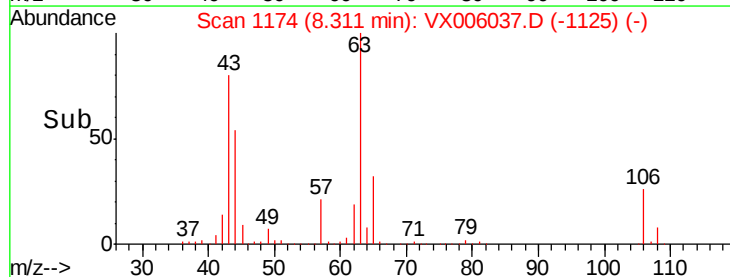
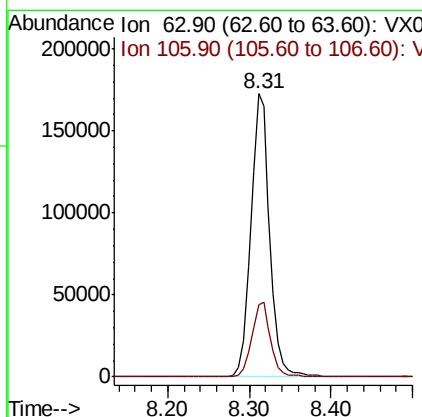
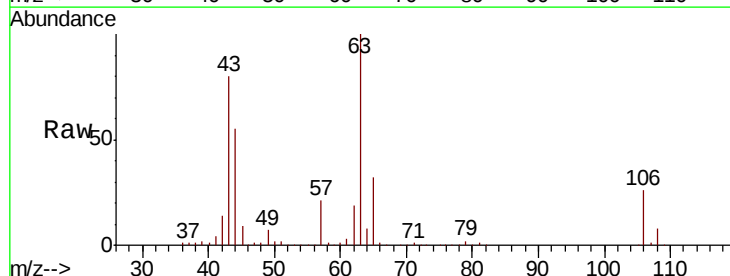
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

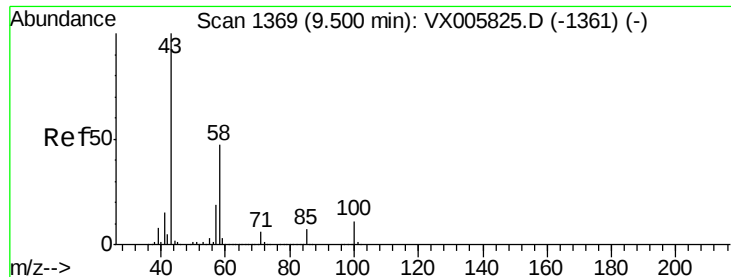
Tot Ion: 76 Resp: 114227
 Ion Ratio Lower Upper
 76 100
 78 31.0 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.586 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion: 63 Resp: 277983
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.3 31.9

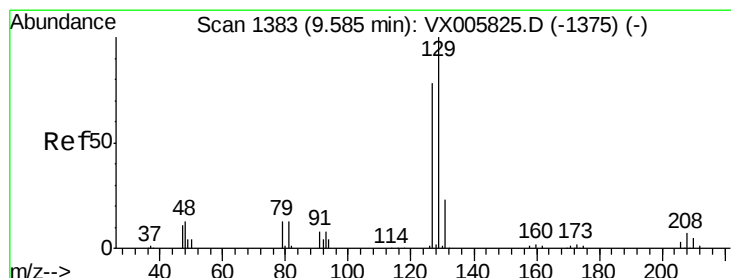
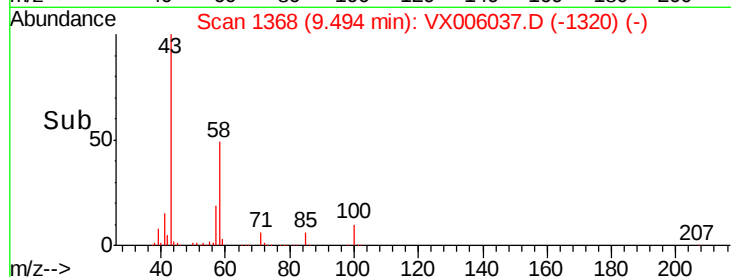
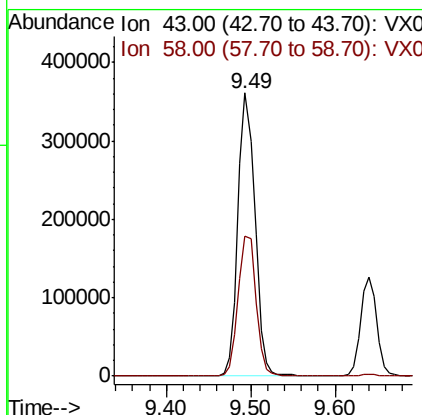
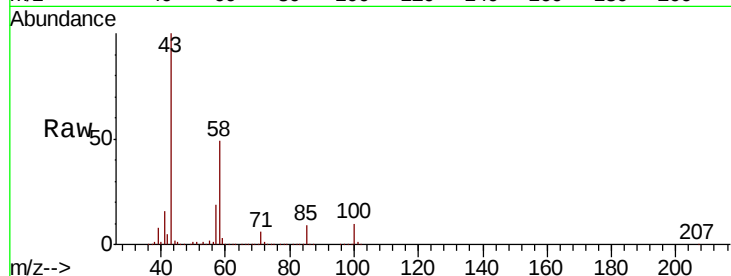




#59
2-Hexanone
Concen: 255.016 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

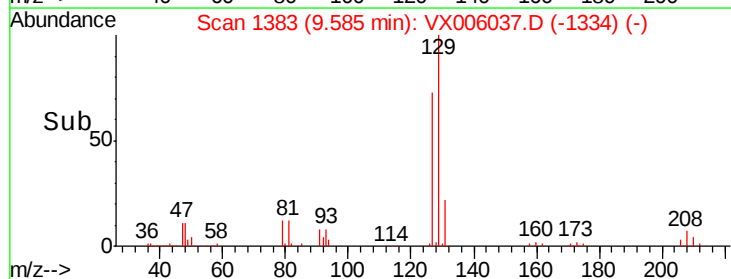
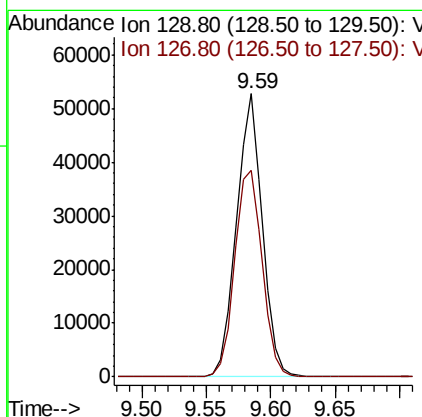
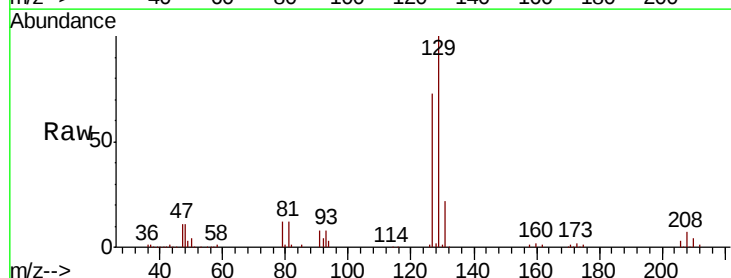
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

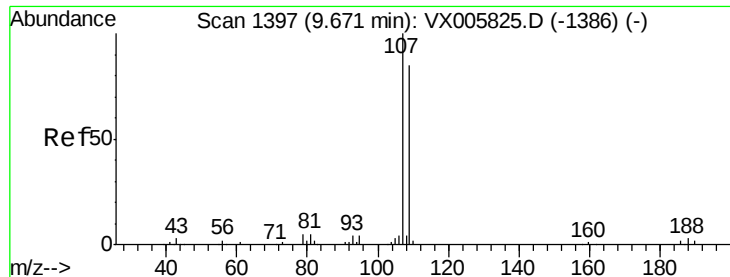
Tot Ion: 43 Resp: 485737
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8



#60
Dibromochloromethane
Concen: 51.916 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 129 Resp: 73310
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.862 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

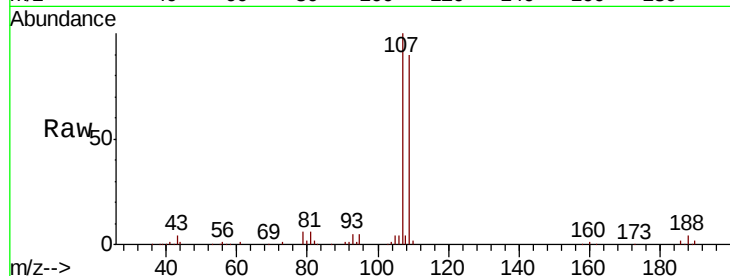
VSTDCCC050

Tot Ion:107 Resp: 74930

Ion Ratio Lower Upper

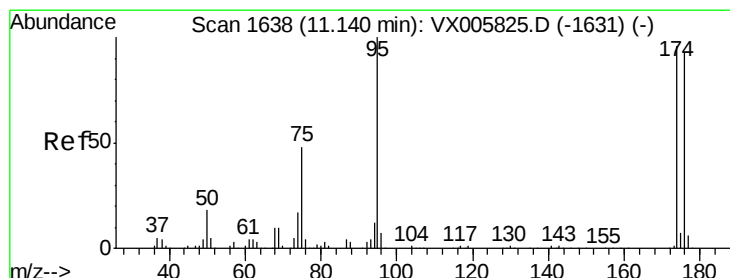
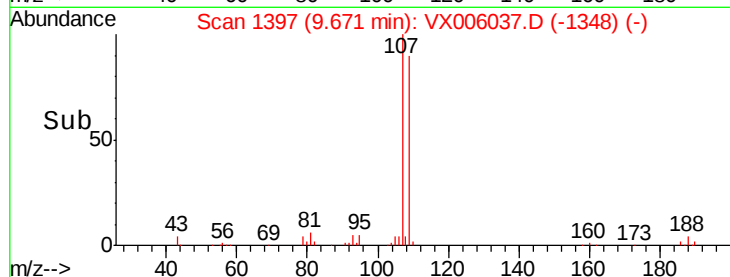
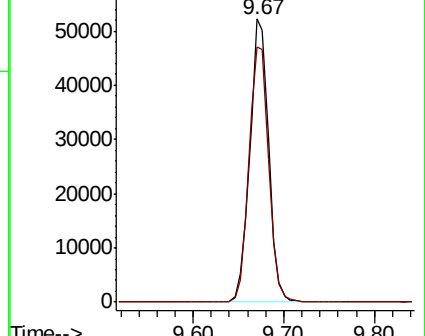
107 100

109 94.7 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: 61.199 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

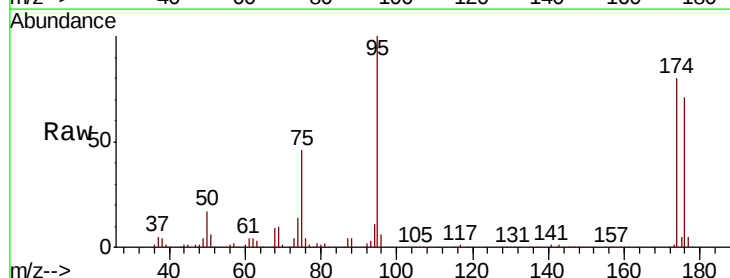
Tgt Ion: 95 Resp: 92867

Ion Ratio Lower Upper

95 100

174 97.1 0.0 184.4

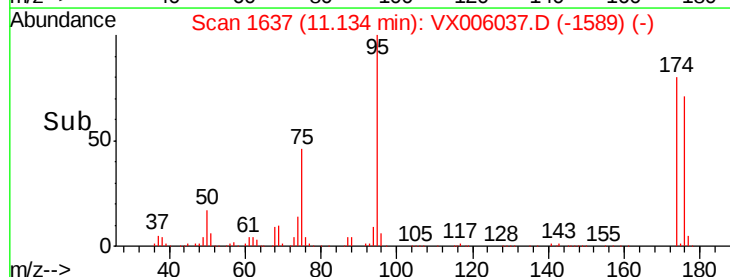
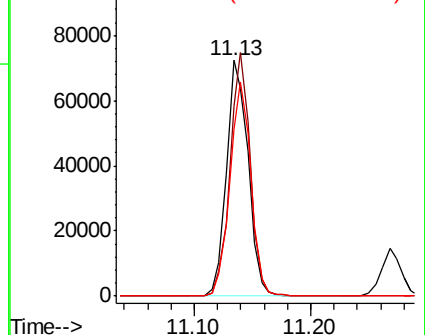
176 89.0 0.0 177.4

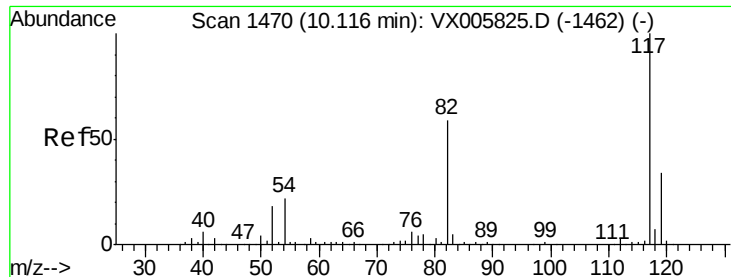


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

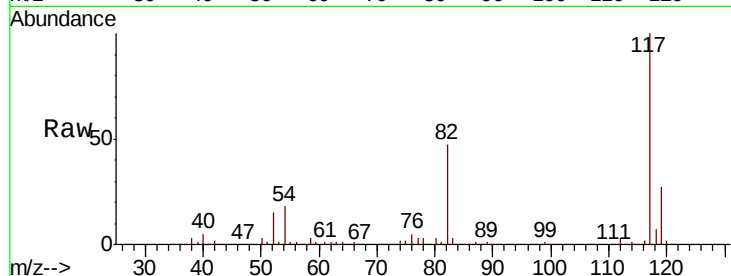
Tot Ion:117 Resp: 170039

Ion Ratio Lower Upper

117 100

82 46.6 44.1 66.1

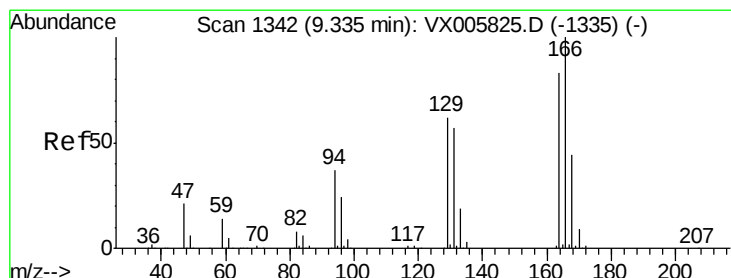
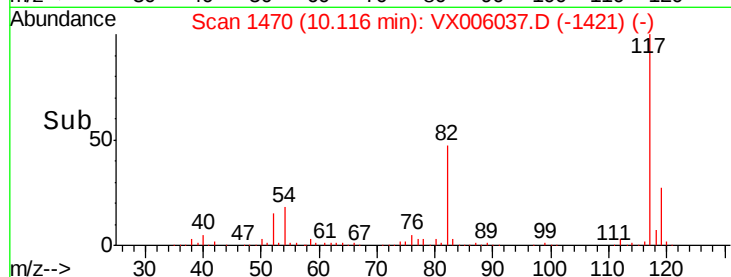
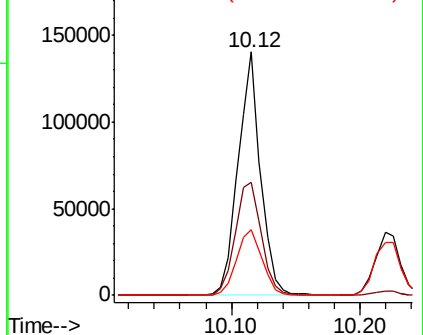
119 26.8 26.2 39.2



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: 46.011 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Tgt Ion:164 Resp: 66611

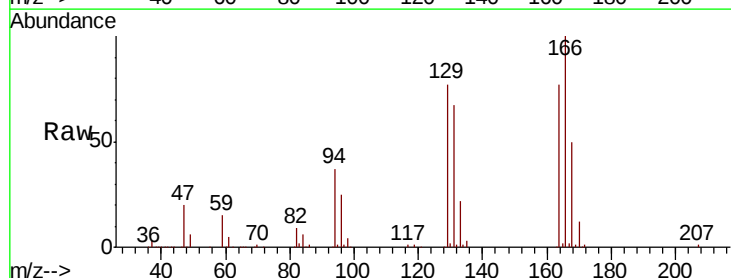
Ion Ratio Lower Upper

164 100

166 130.5 101.9 152.9

129 101.2 72.6 109.0

131 87.2 71.1 106.7

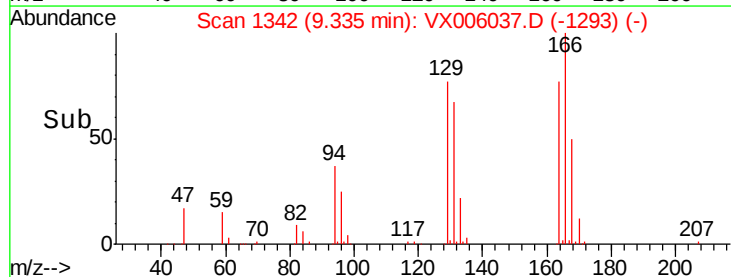
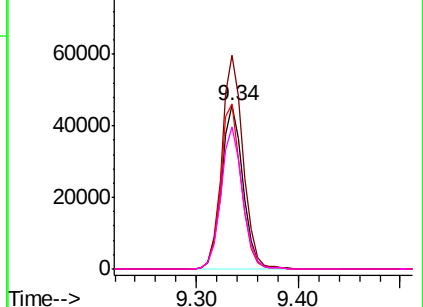


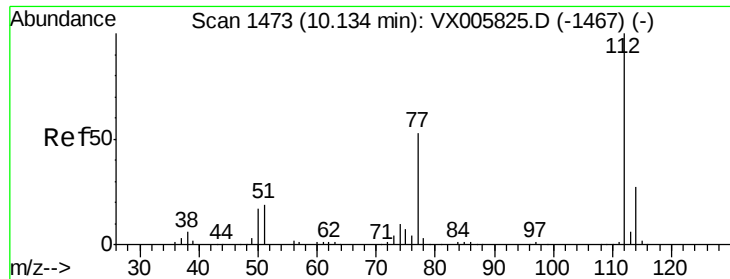
Abundance Ion 163.80 (163.50 to 164.50): V

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

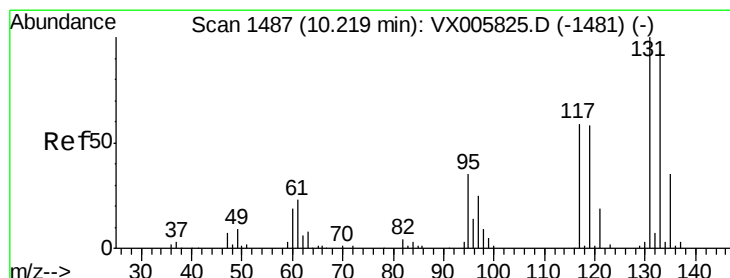
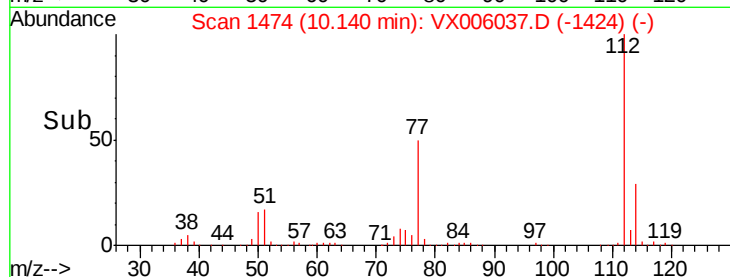
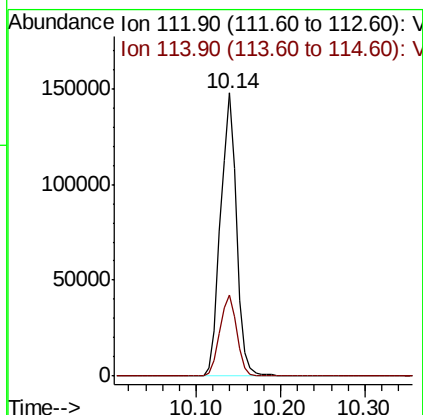
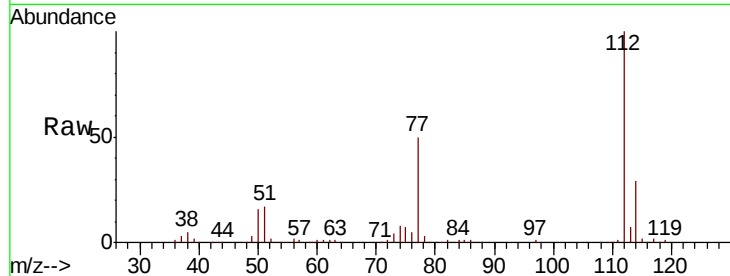




#65
Chlorobenzene
Concen: 57.370 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

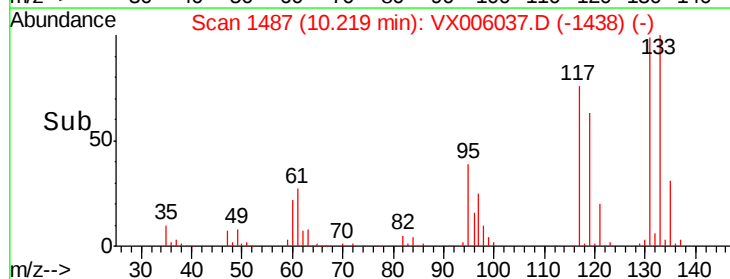
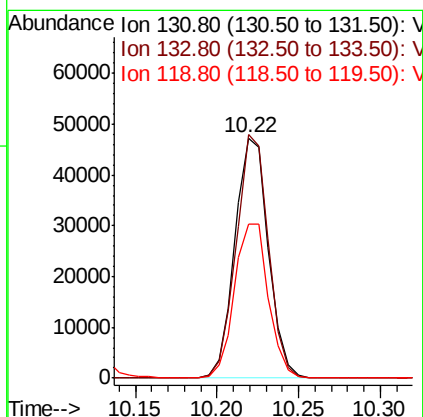
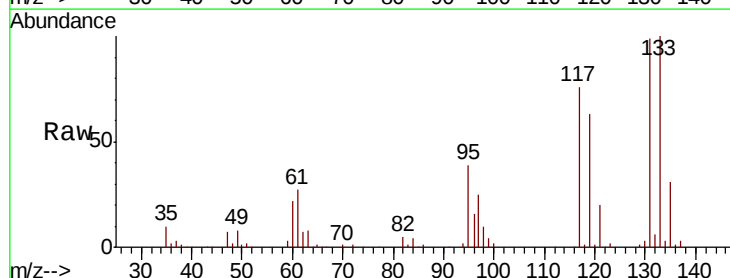
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

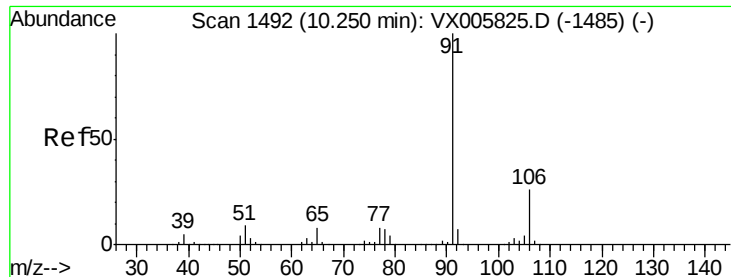
Tot Ion:112 Resp: 195425
Ion Ratio Lower Upper
112 100
114 28.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.885 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion:131 Resp: 67367
Ion Ratio Lower Upper
131 100
133 97.8 47.5 142.5
119 65.2 31.8 95.3

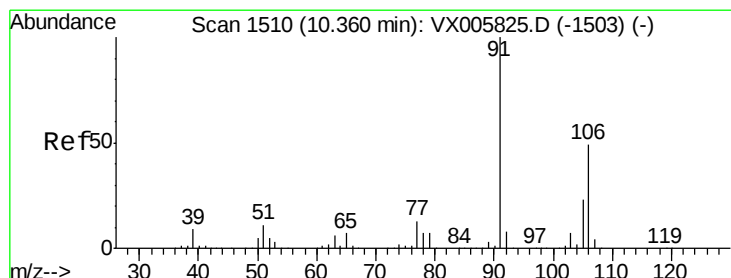
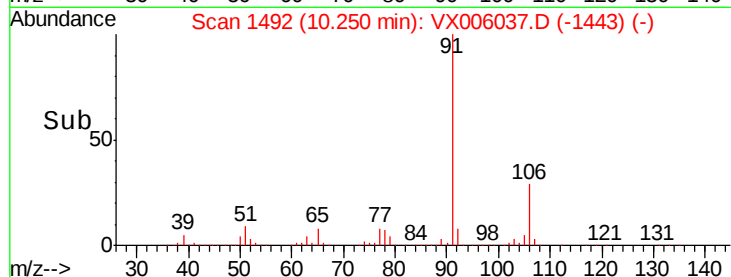
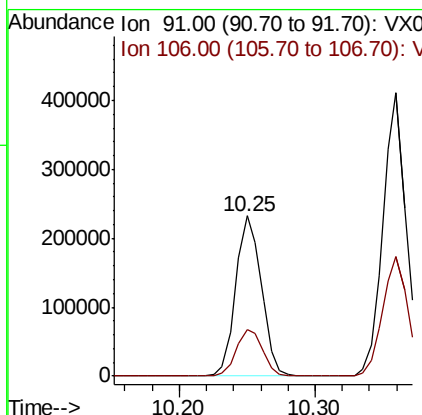
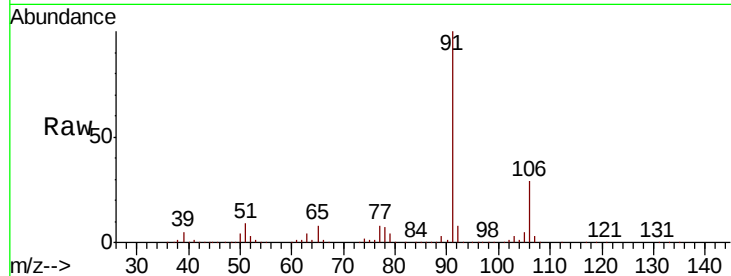




#67
Ethyl Benzene
Concen: 56.076 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

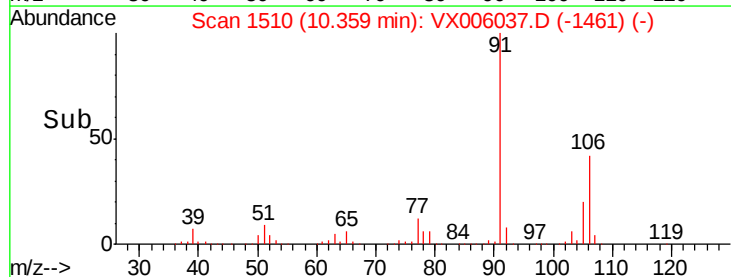
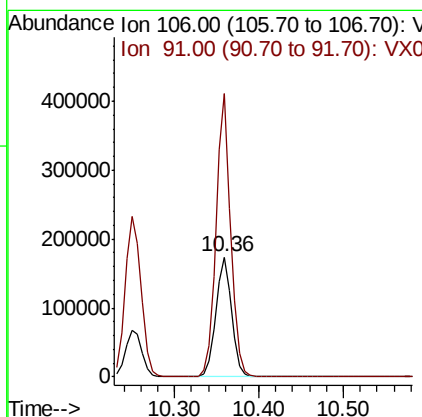
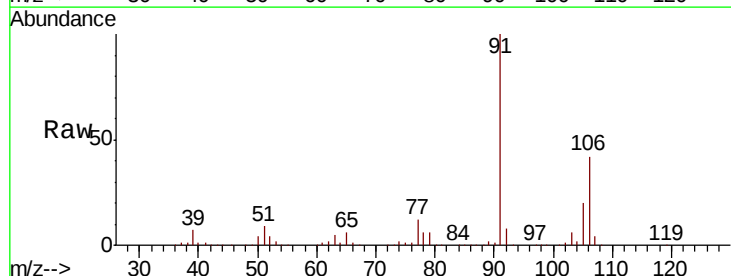
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

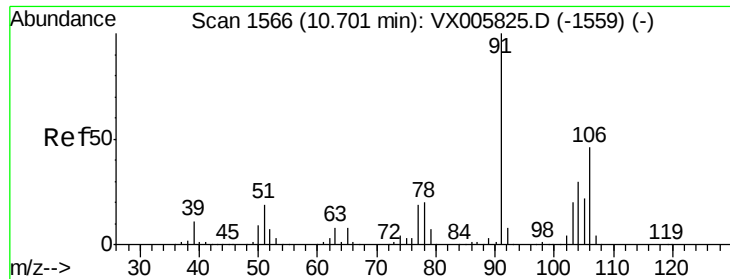
Tot Ion: 91 Resp: 306302
Ion Ratio Lower Upper
91 100
106 28.8 24.4 36.6



#68
m/p-Xylenes
Concen: 108.412 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 106 Resp: 225880
Ion Ratio Lower Upper
106 100
91 218.7 164.2 246.4

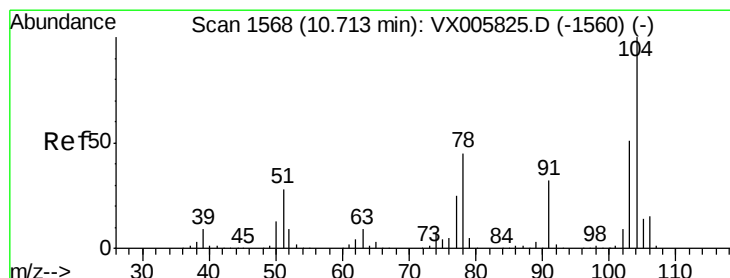
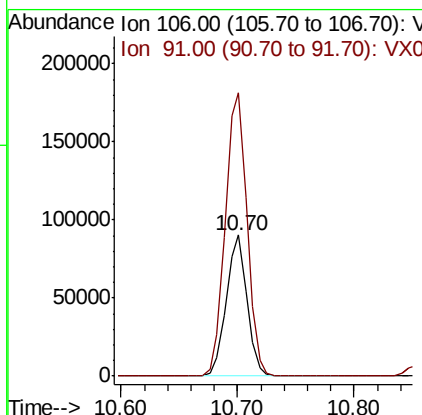
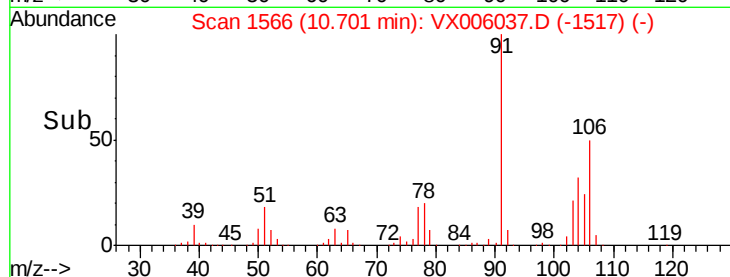
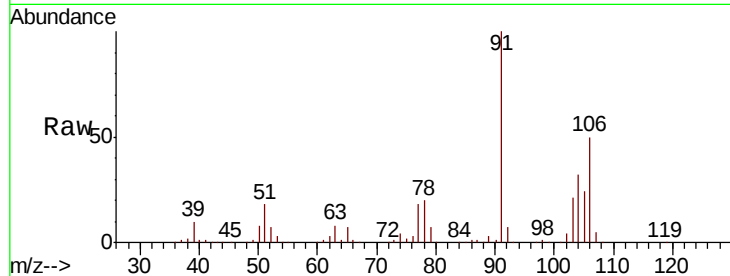




#69
o-Xylene
Concen: 59.246 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

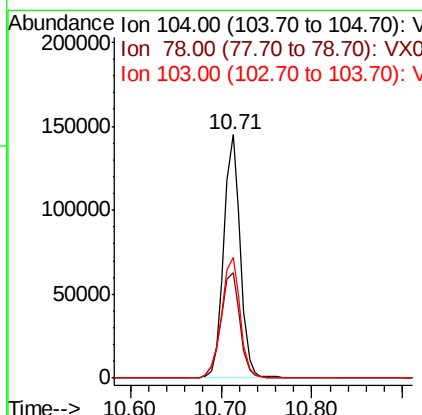
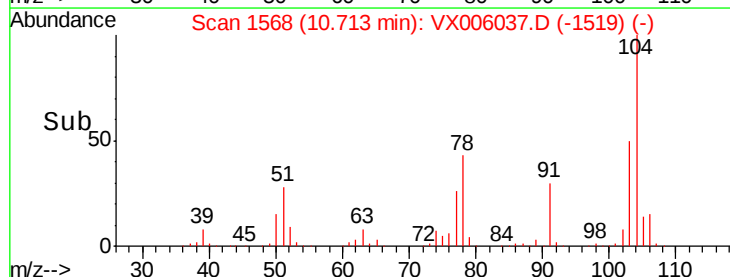
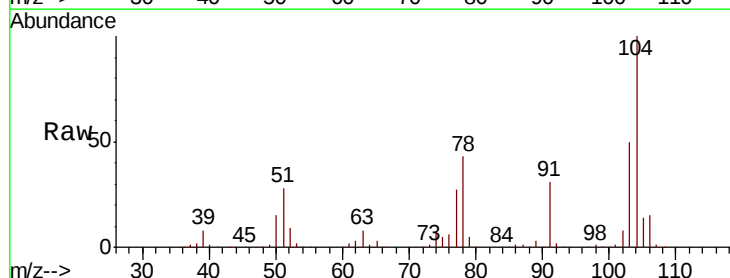
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

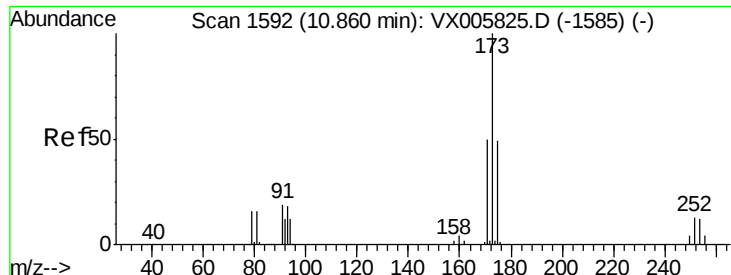
Tot Ion:106 Resp: 110689
Ion Ratio Lower Upper
106 100
91 212.1 108.5 325.5



#70
Styrene
Concen: 59.877 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion:104 Resp: 184540
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 55.6 44.9 67.3





#71

Bromoform

Concen: 56.431 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

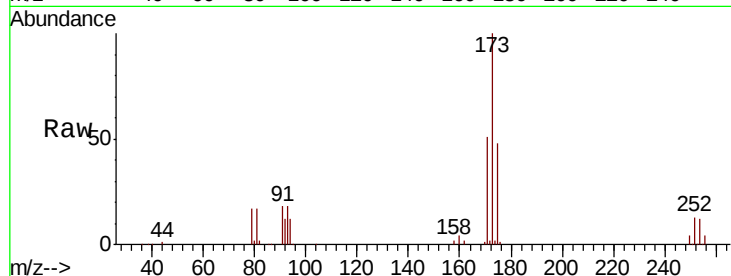
Tot Ion:173 Resp: 56022

Ion Ratio Lower Upper

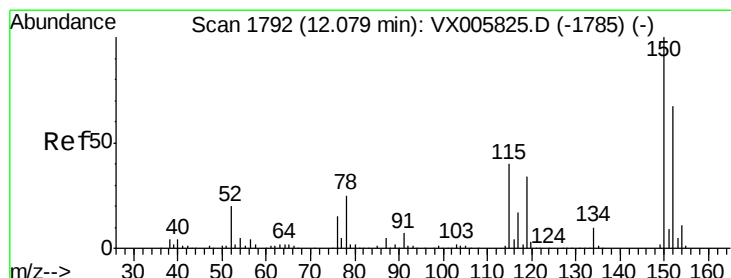
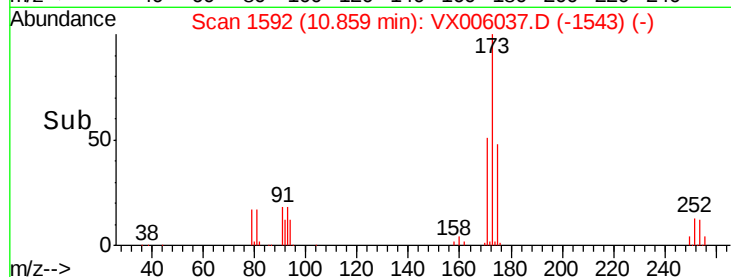
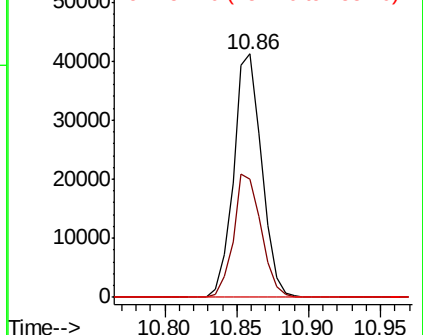
173 100

175 49.8 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: VX006037.D

Acq: 16 Nov 2018 08:51

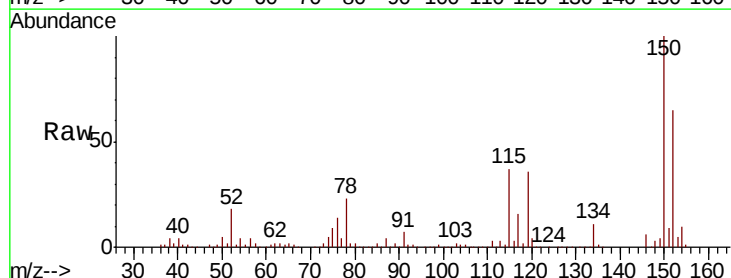
Tgt Ion:152 Resp: 115161

Ion Ratio Lower Upper

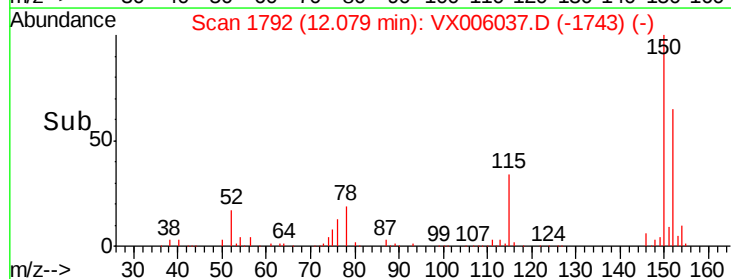
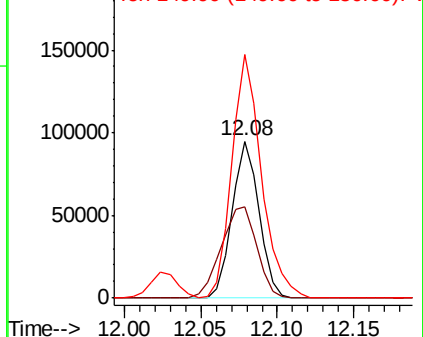
152 100

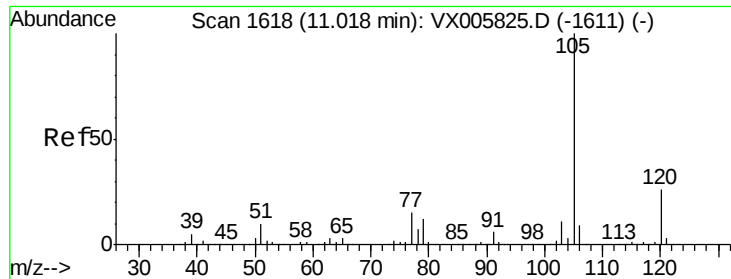
115 77.0 39.4 118.1

150 171.9 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: 49.326 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

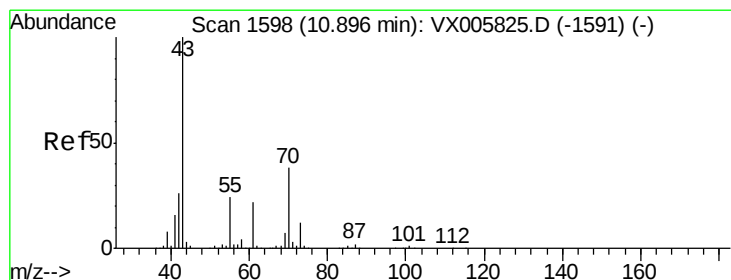
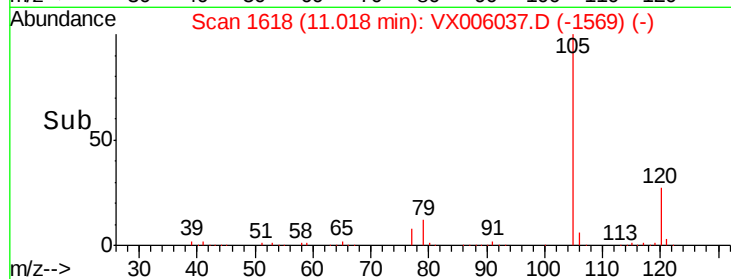
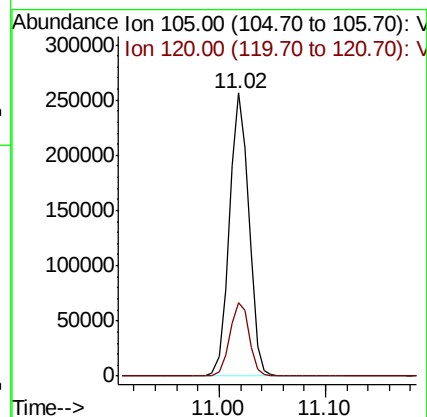
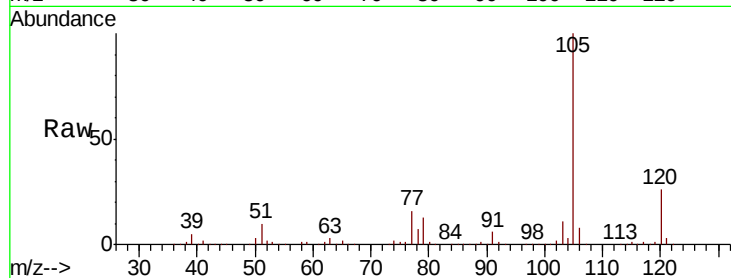
VSTDCCC050

Tot Ion:105 Resp: 328494

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 43.189 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Tgt Ion: 43 Resp: 160729

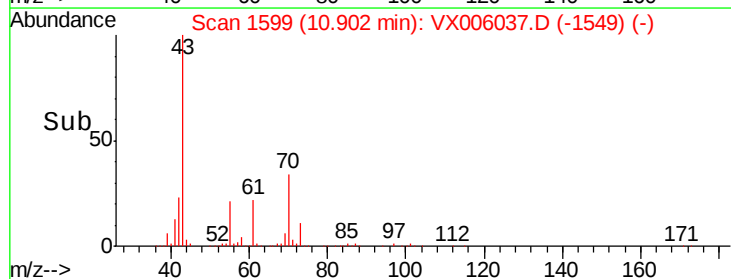
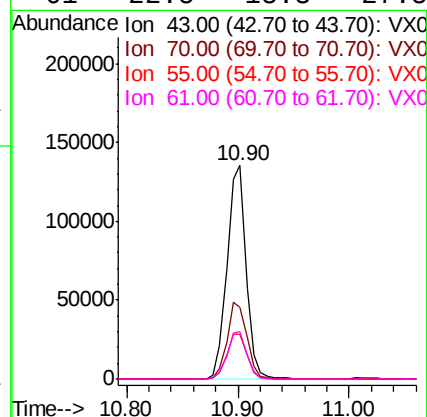
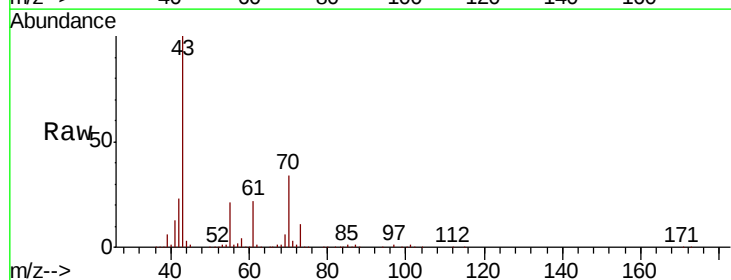
Ion Ratio Lower Upper

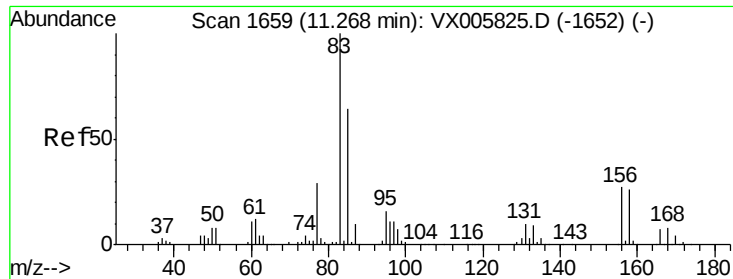
43 100

70 37.1 31.6 47.4

55 22.5 19.7 29.5

61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.317 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

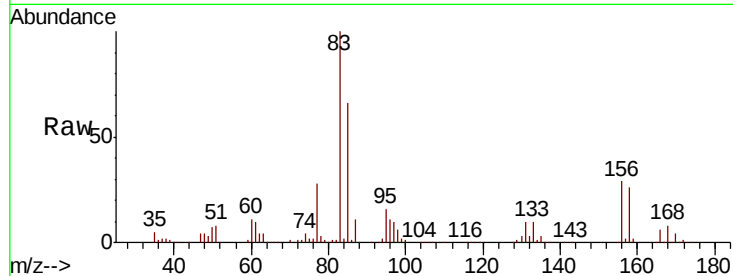
Tot Ion: 83 Resp: 118106

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

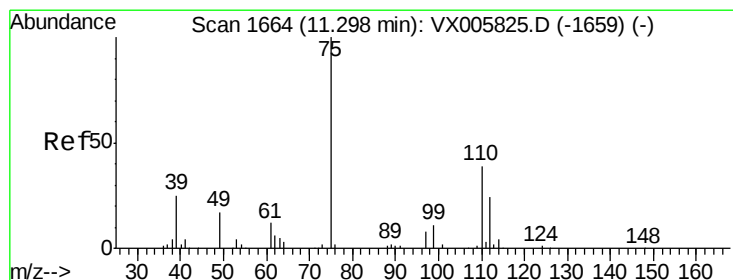
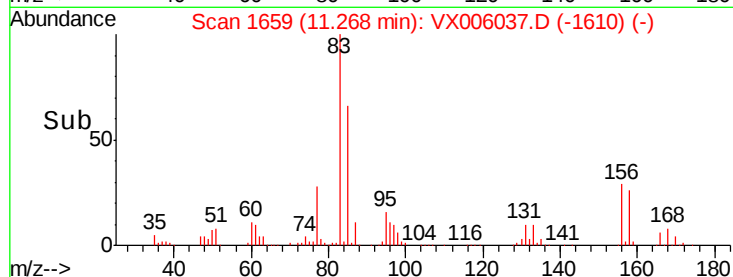
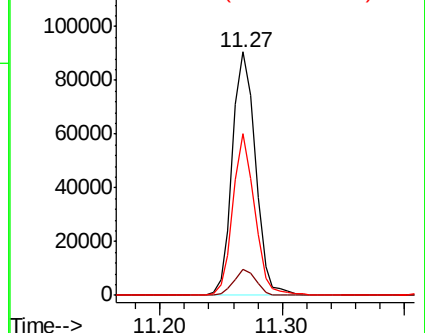
85 62.3 32.0 96.2



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: 61.213 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006037.D

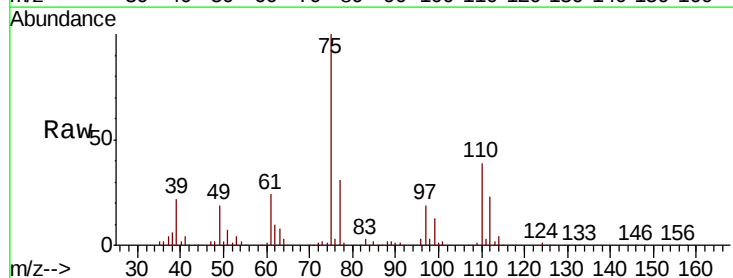
Acq: 16 Nov 2018 08:51

Tgt Ion: 75 Resp: 143540

Ion Ratio Lower Upper

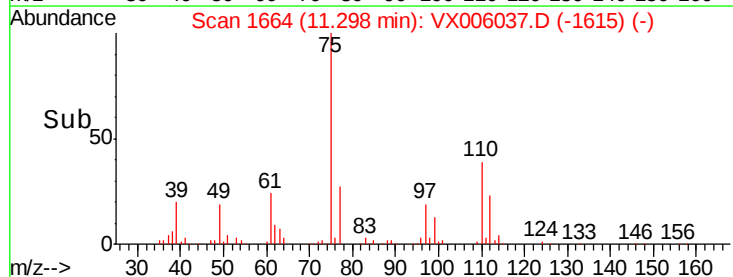
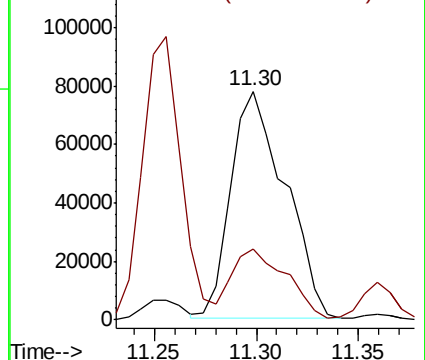
75 100

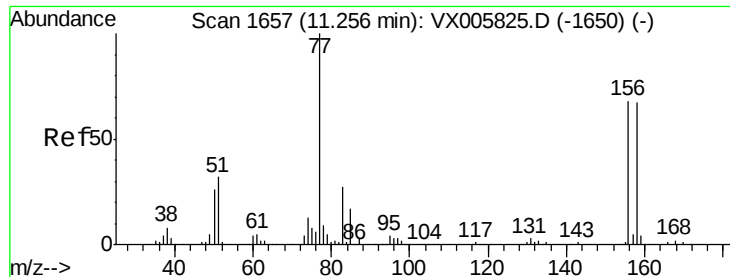
77 31.3 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.636 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

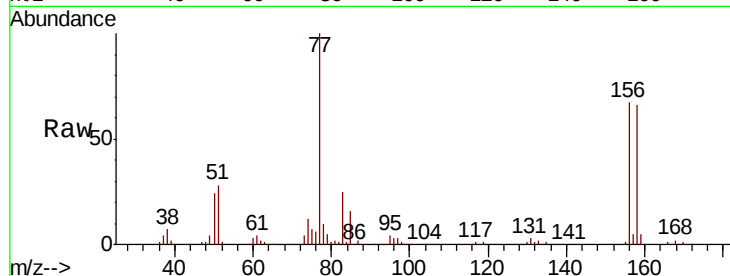
Tot Ion:156 Resp: 85663

Ion Ratio Lower Upper

156 100

77 149.0 74.8 224.4

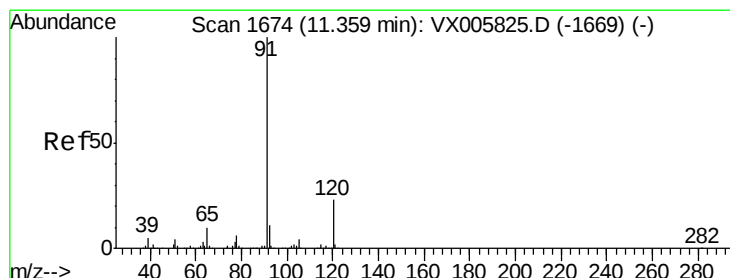
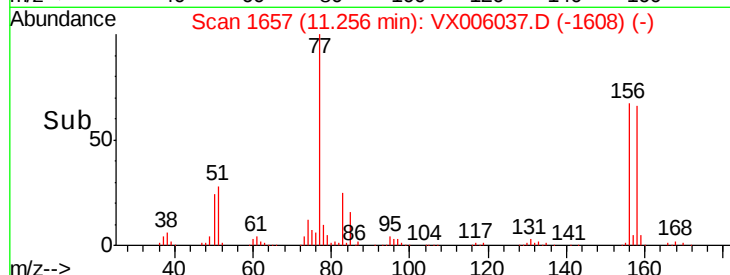
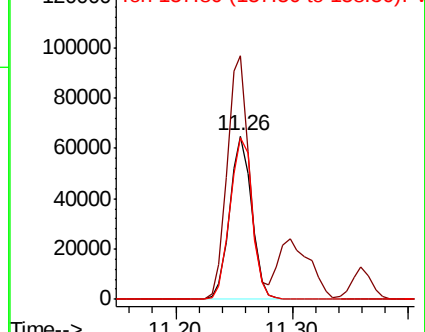
158 100.9 49.1 147.3



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: 51.487 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006037.D

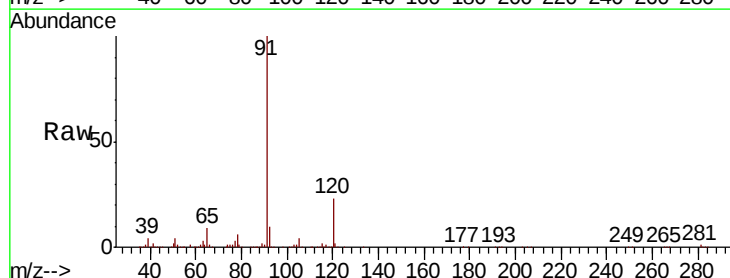
Acq: 16 Nov 2018 08:51

Tgt Ion: 91 Resp: 404103

Ion Ratio Lower Upper

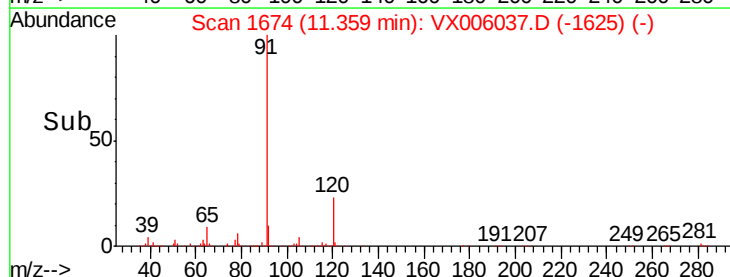
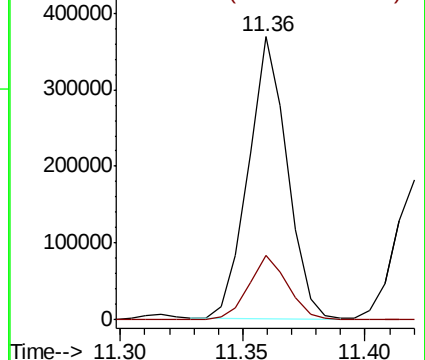
91 100

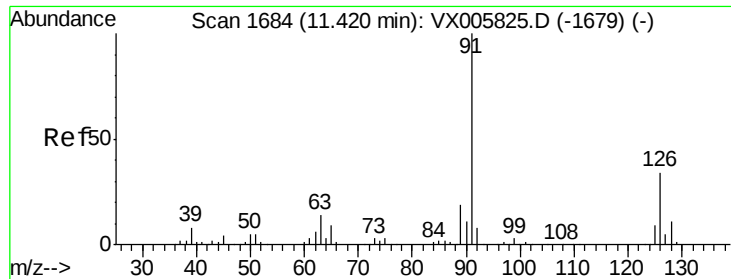
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

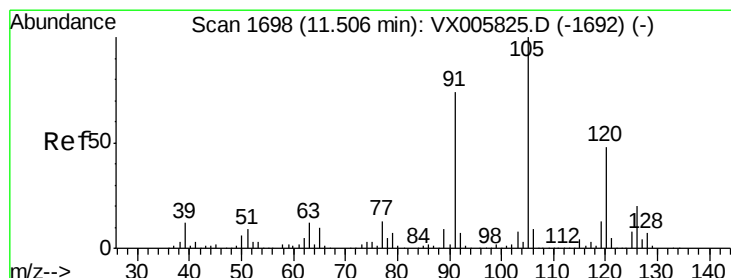
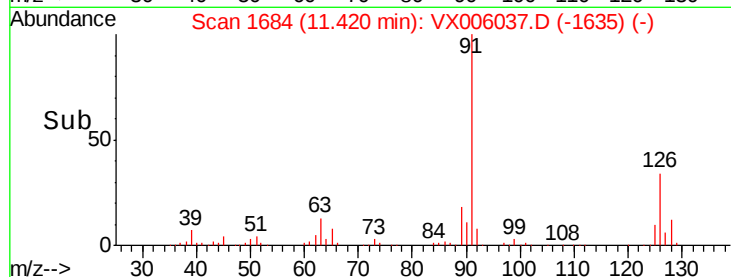
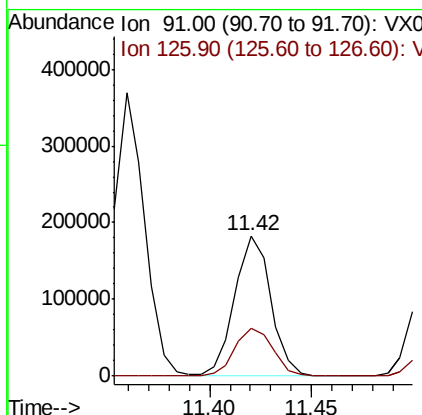
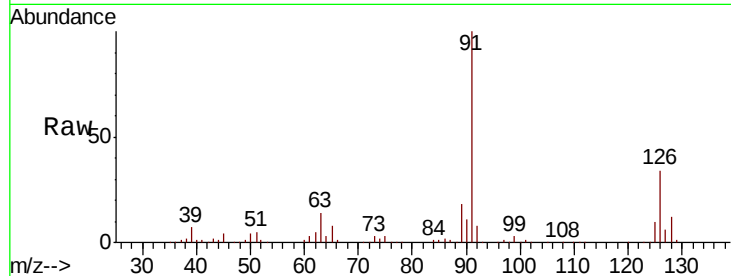




#79
 2-Chlorotoluene
 Concen: 46.826 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

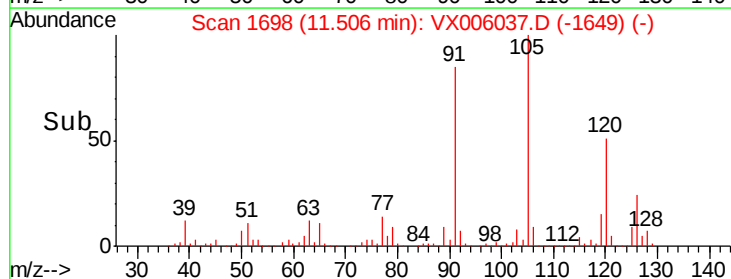
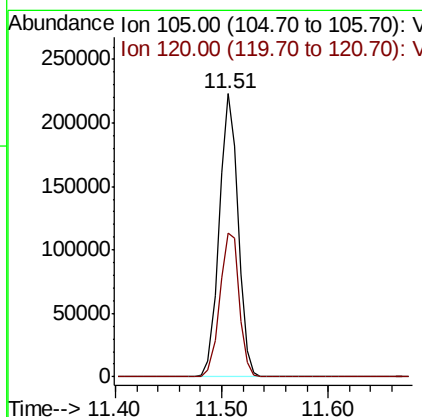
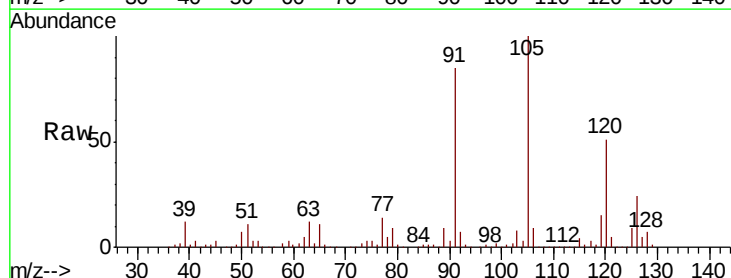
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

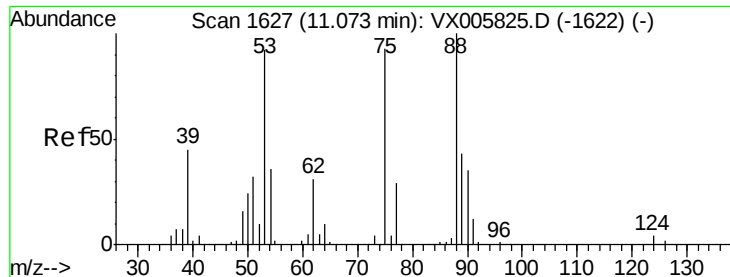
Tot Ion: 91 Resp: 222142
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 48.582 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion: 105 Resp: 274938
 Ion Ratio Lower Upper
 105 100
 120 52.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.845 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

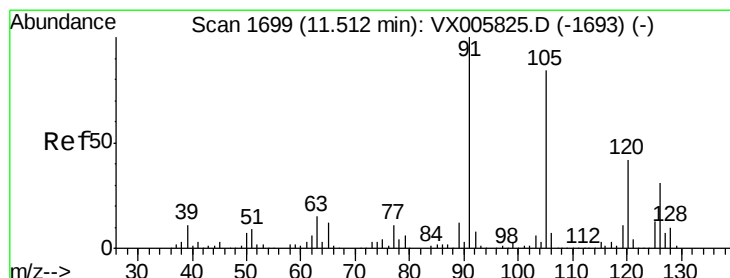
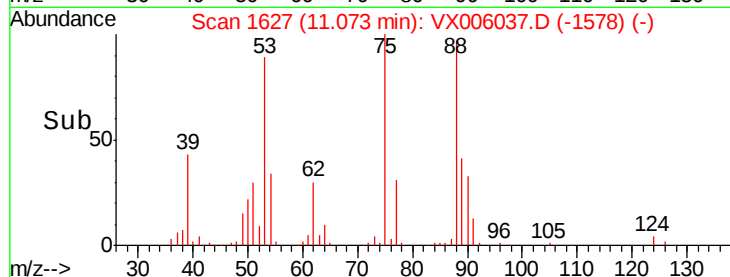
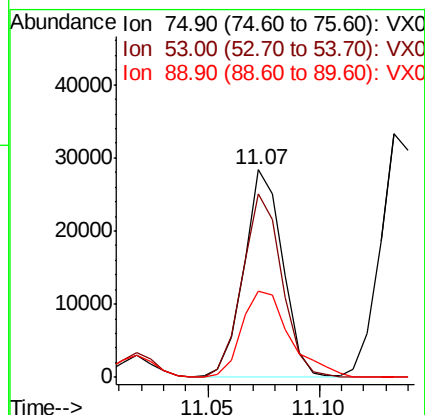
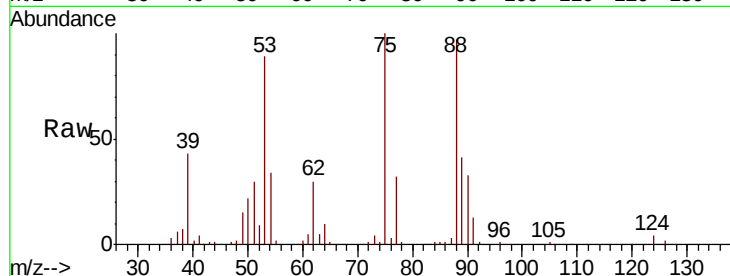
Tot Ion: 75 Resp: 34466

Ion Ratio Lower Upper

75 100

53 90.4 80.2 120.2

89 51.6 39.8 59.8



#82

4-Chlorotoluene

Concen: 50.627 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006037.D

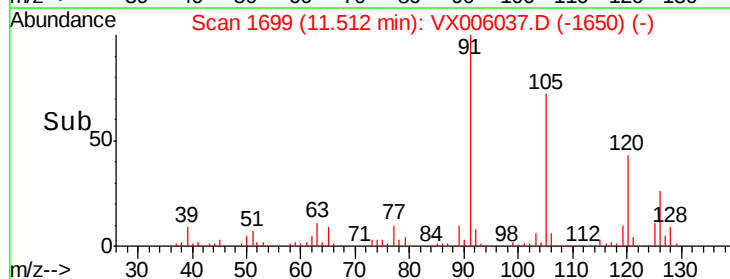
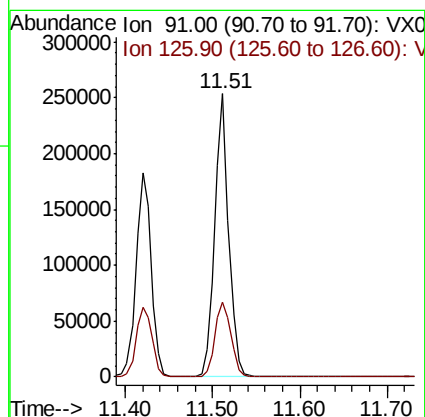
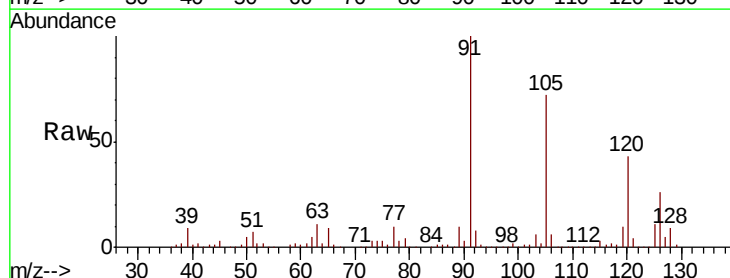
Acq: 16 Nov 2018 08:51

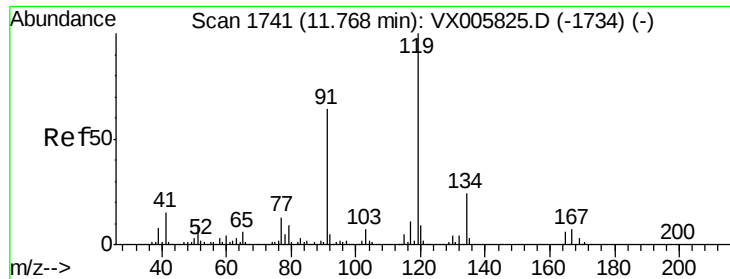
Tgt Ion: 91 Resp: 283050

Ion Ratio Lower Upper

91 100

126 30.1 15.2 45.6

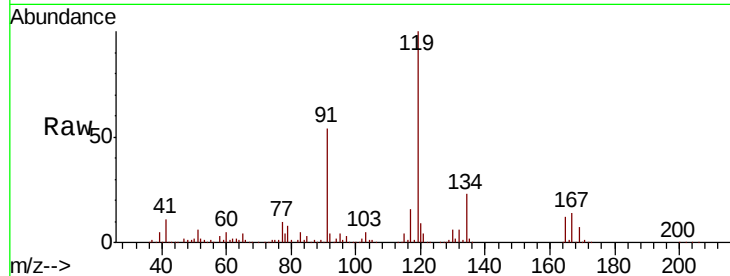




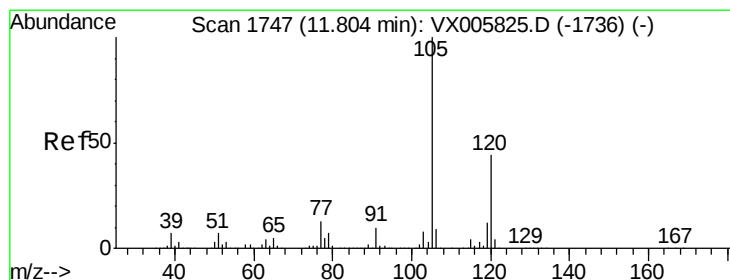
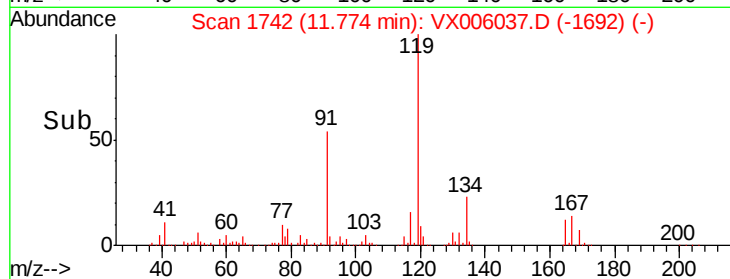
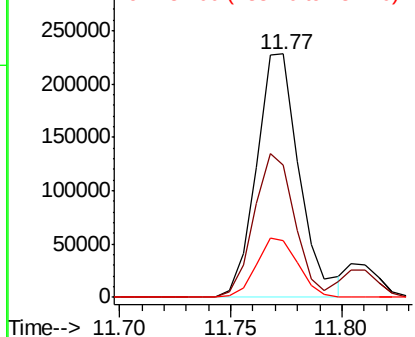
#83
 tert-Butylbenzene
 Concen: 53.688 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 307383
 Ion Ratio Lower Upper
 119 100
 91 55.9 28.5 85.5
 134 23.6 11.3 33.8

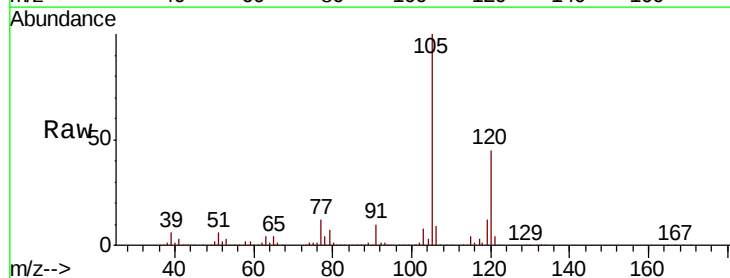


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

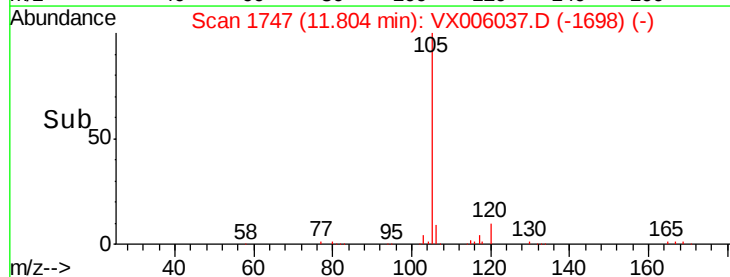
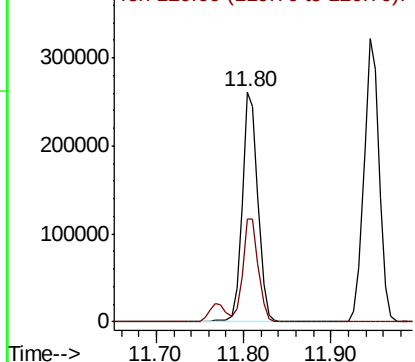


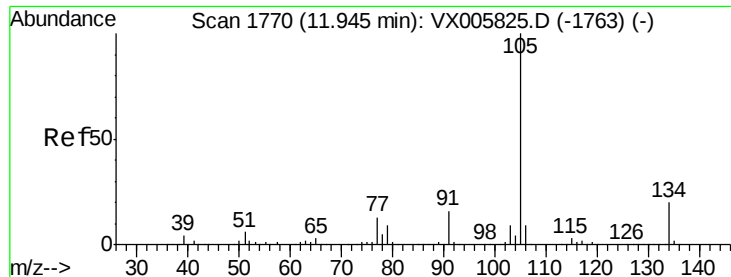
#84
 1,2,4-Trimethylbenzene
 Concen: 51.890 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion:105 Resp: 324052
 Ion Ratio Lower Upper
 105 100
 120 44.4 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: 55.904 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

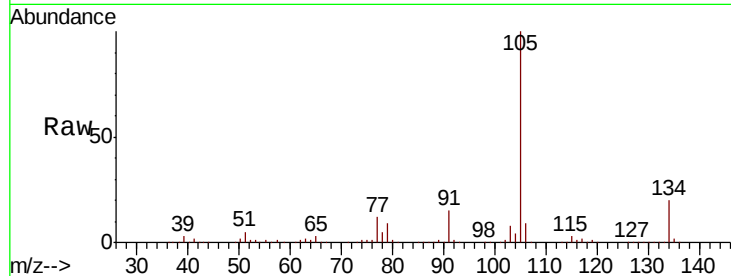
VSTDCCC050

Tot Ion:105 Resp: 391398

Ion Ratio Lower Upper

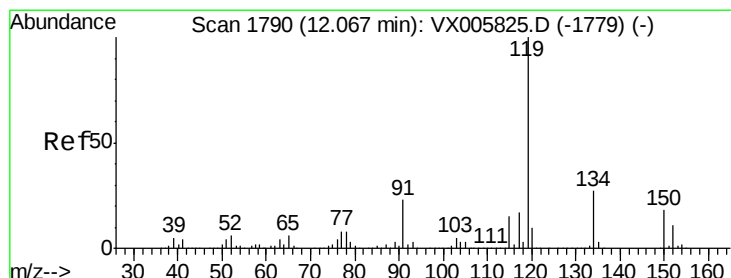
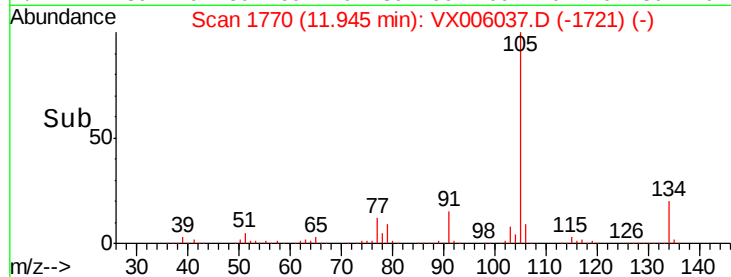
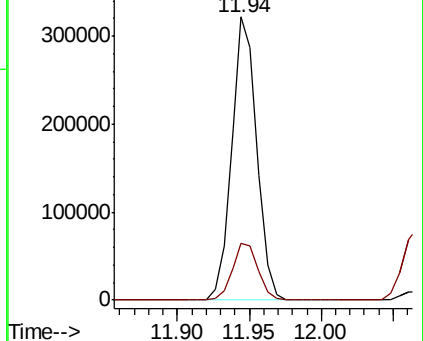
105 100

134 20.6 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.210 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

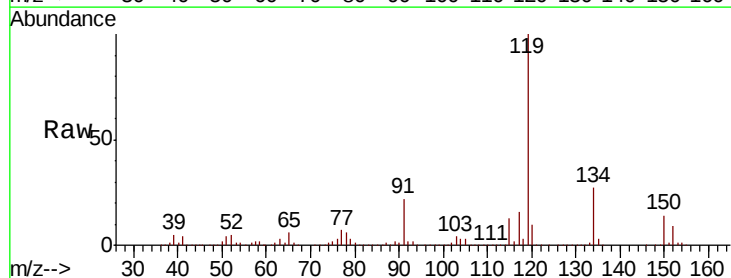
Tgt Ion:119 Resp: 354790

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

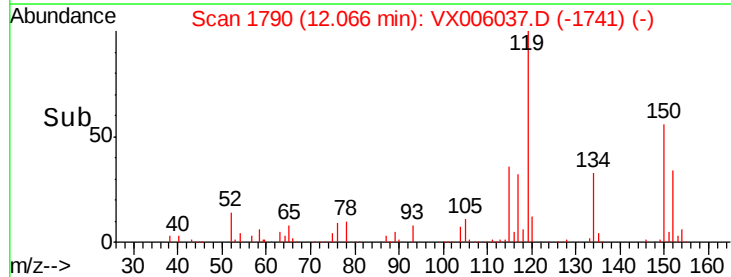
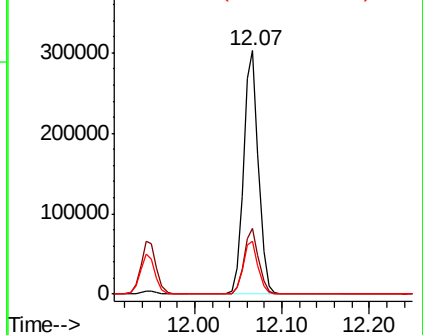
91 22.1 11.4 34.2



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

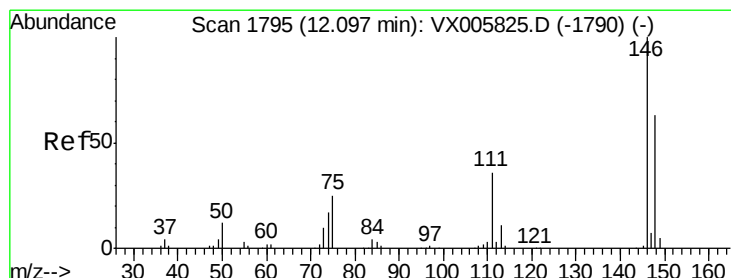
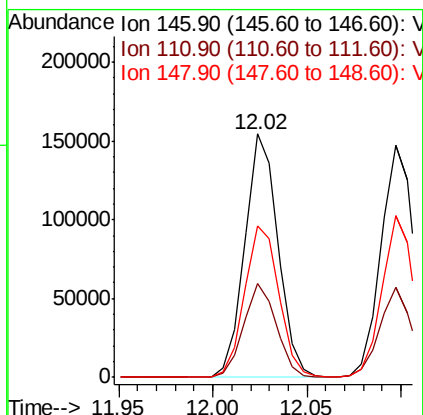
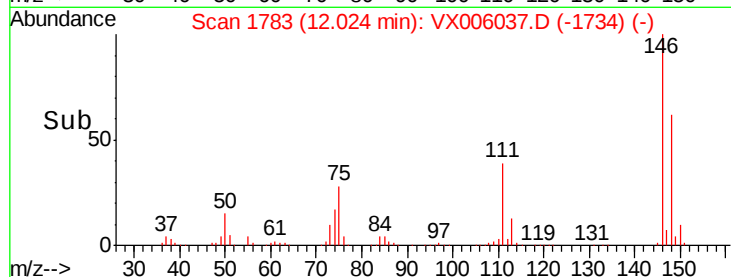
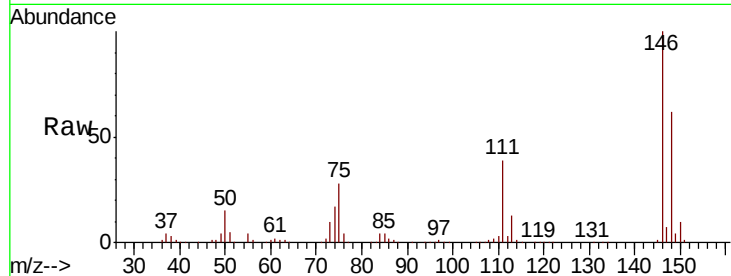




#87
 1,3-Dichlorobenzene
 Concen: 52.647 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

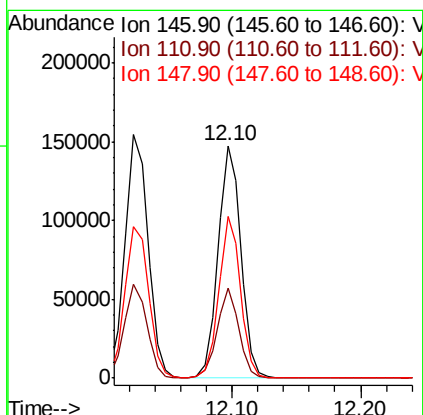
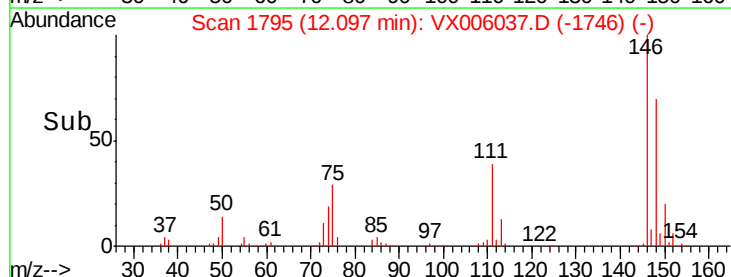
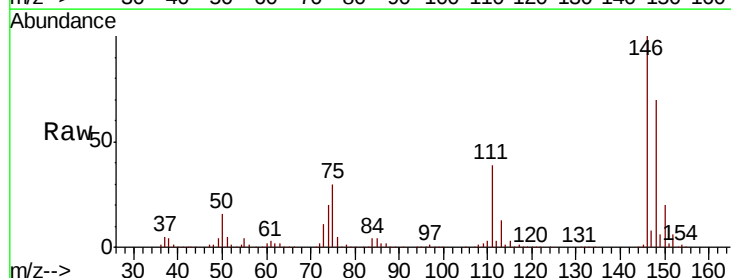
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

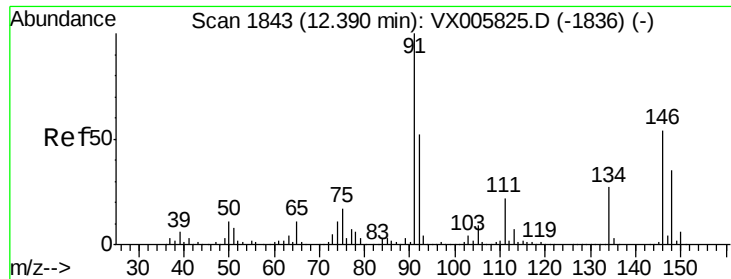
Tot Ion:146 Resp: 189656
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 50.058 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion:146 Resp: 184603
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 66.0 32.1 96.3

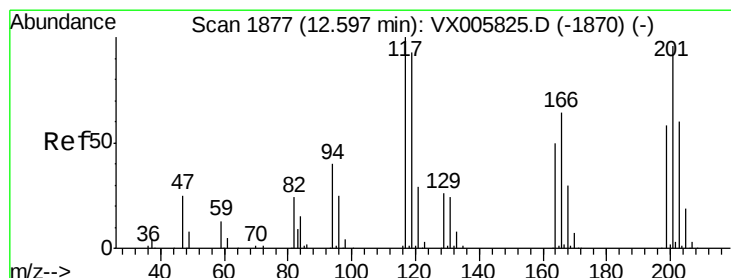
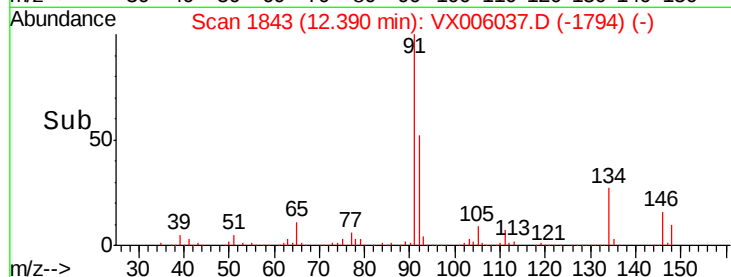
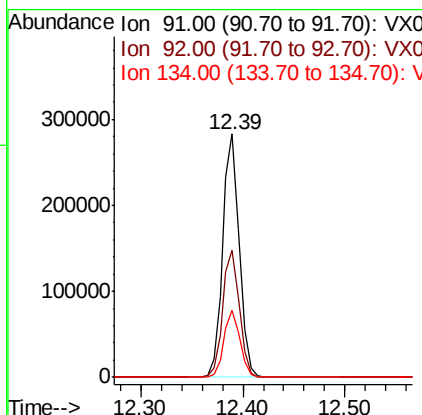
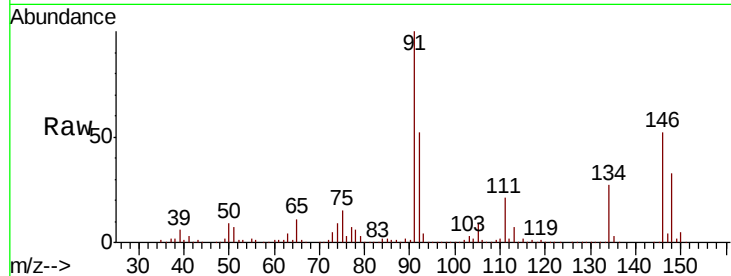




#89
n-Butylbenzene
Concen: 55.813 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

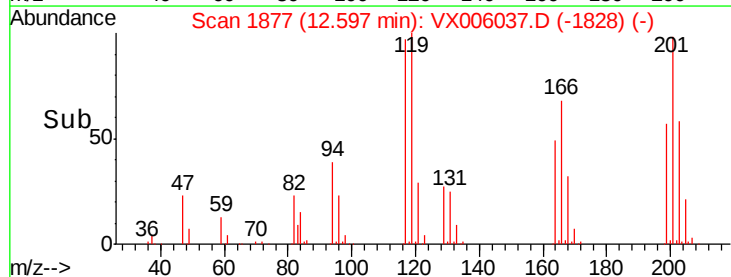
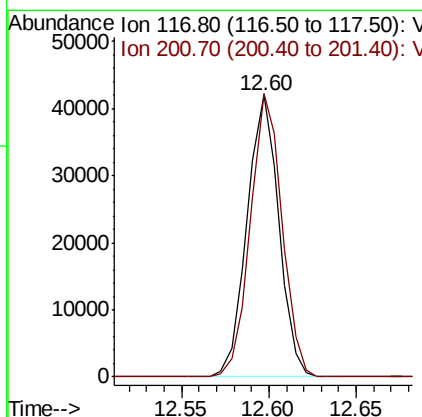
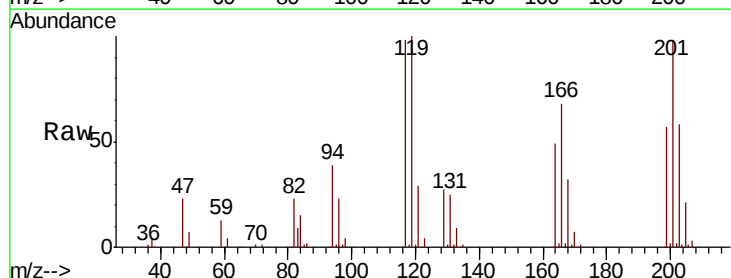
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

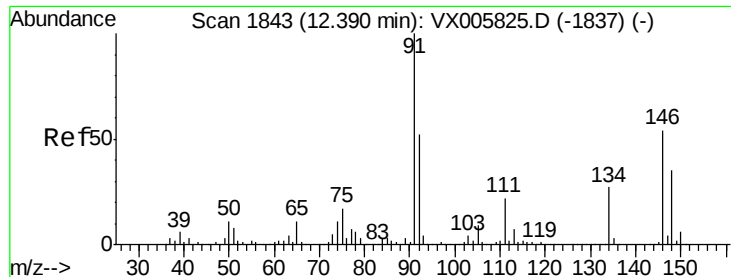
Tot Ion: 91 Resp: 320797
Ion Ratio Lower Upper
91 100
92 52.9 26.1 78.2
134 26.8 13.1 39.3



#90
Hexachloroethane
Concen: 51.070 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006037.D
Acq: 16 Nov 2018 08:51

Tgt Ion: 117 Resp: 52877
Ion Ratio Lower Upper
117 100
201 100.5 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 52.399 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

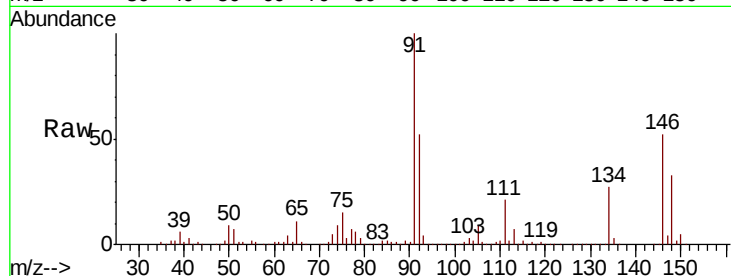
Tot Ion:146 Resp: 189097

Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

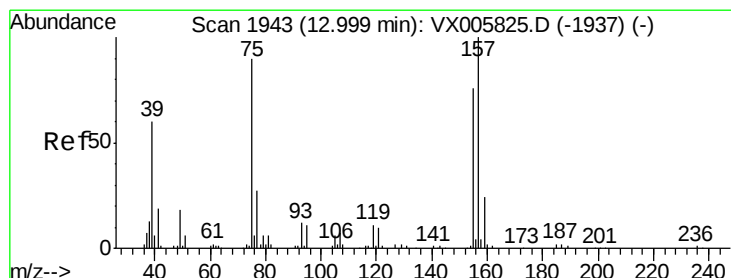
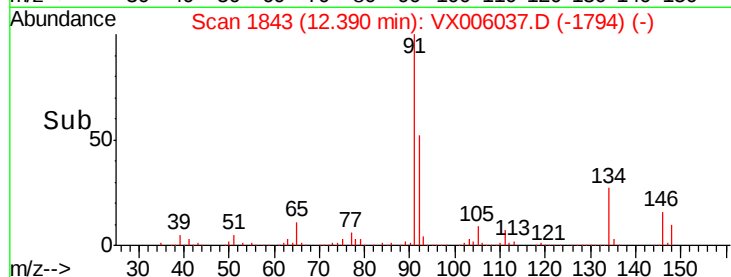
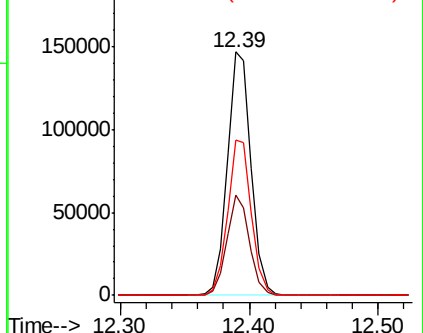
148 63.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.526 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

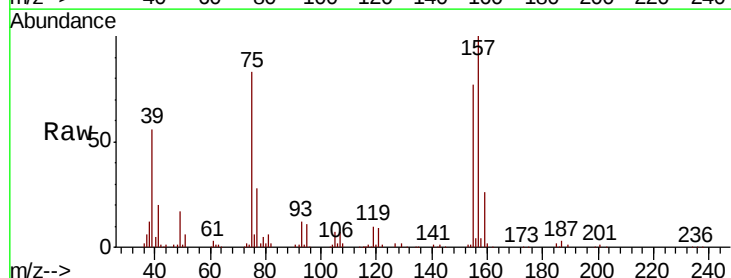
Tgt Ion: 75 Resp: 29542

Ion Ratio Lower Upper

75 100

155 97.6 45.4 136.1

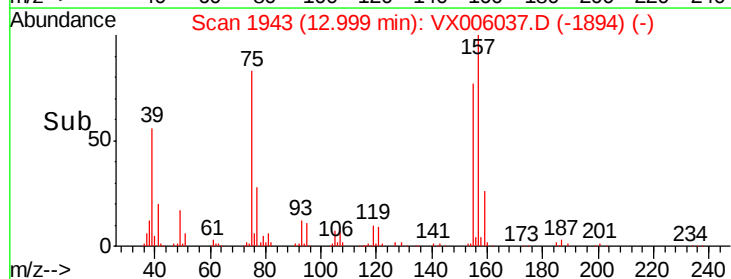
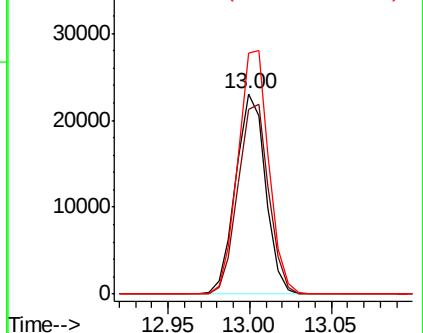
157 124.9 57.4 172.0

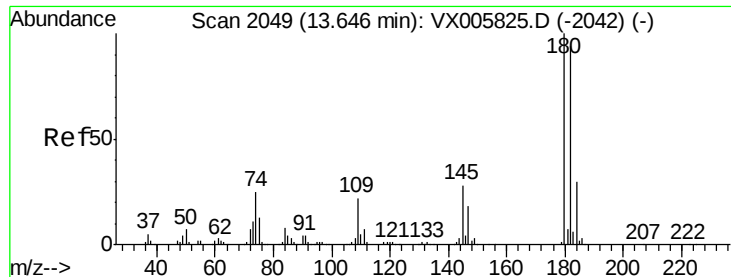


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

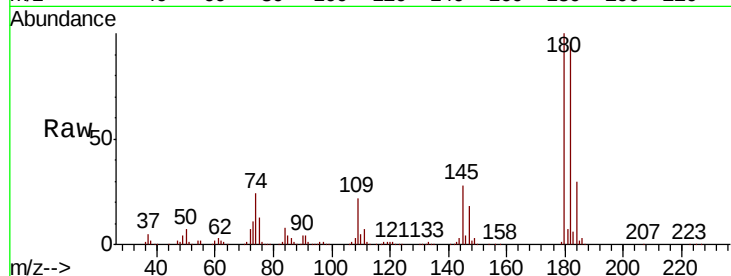




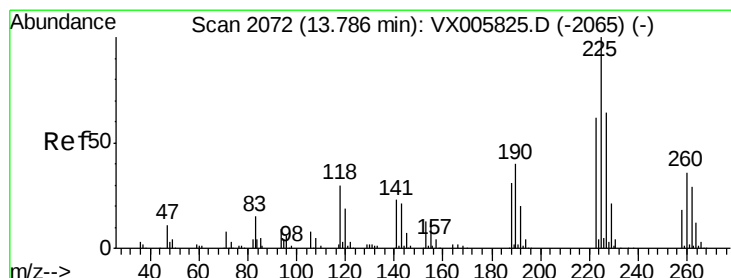
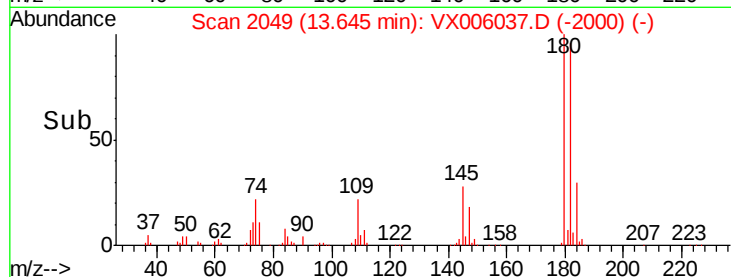
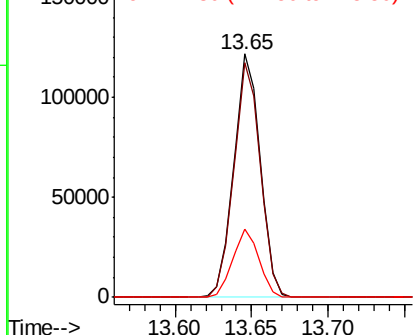
#93
 1,2,4-Trichlorobenzene
 Concen: 57.257 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 145462
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.8
 145 27.7 14.1 42.2

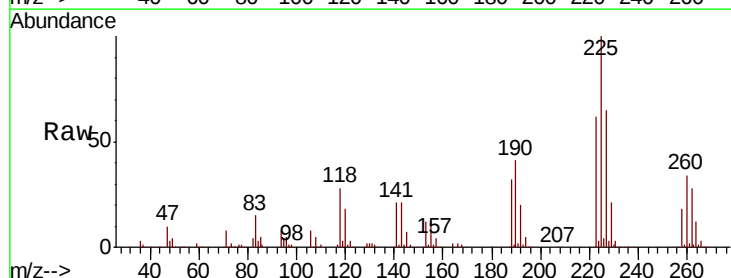


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

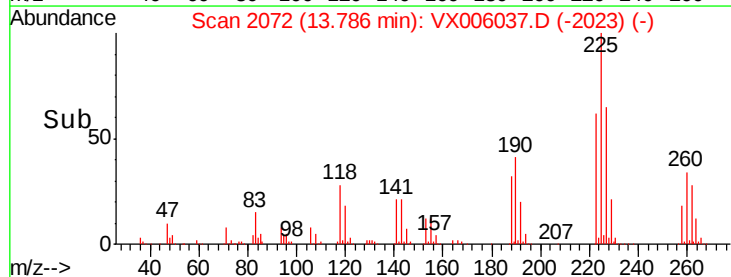
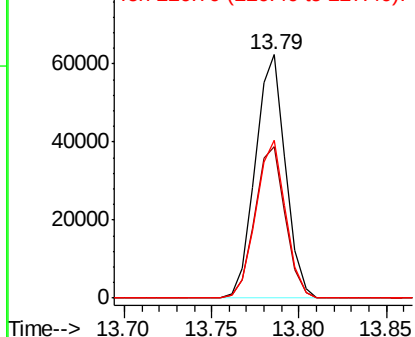


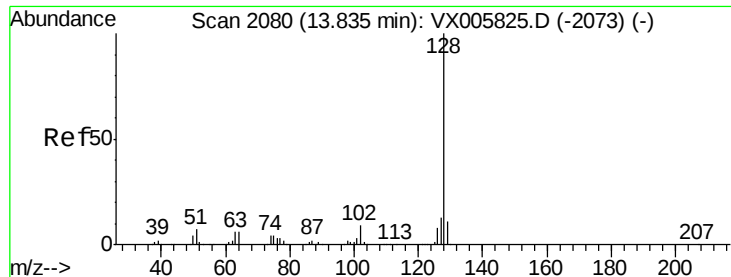
#94
 Hexachlorobutadiene
 Concen: 56.443 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006037.D
 Acq: 16 Nov 2018 08:51

Tgt Ion:225 Resp: 75323
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.7 95.1
 227 63.9 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: 51.937 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

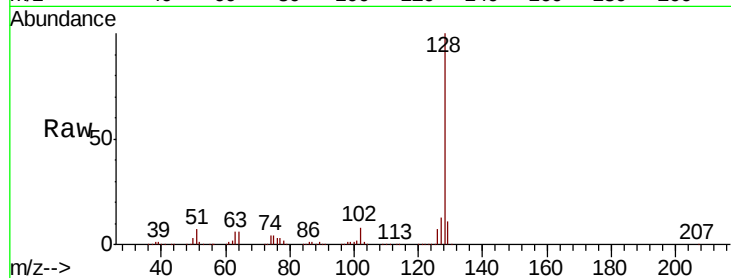
Tot Ion:128 Resp: 430694

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.7 13.1

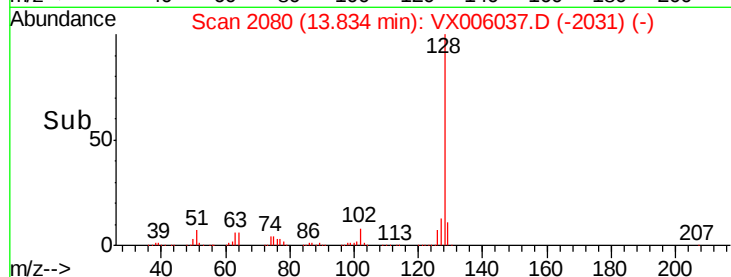


Abundance Ion 128.00 (127.70 to 128.70): V

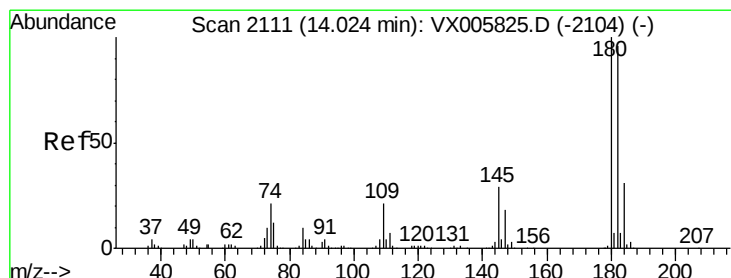
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 55.831 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006037.D

Acq: 16 Nov 2018 08:51

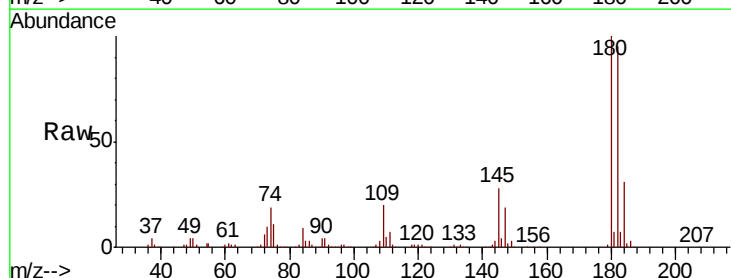
Tgt Ion:180 Resp: 144501

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.2

145 29.7 15.1 45.3

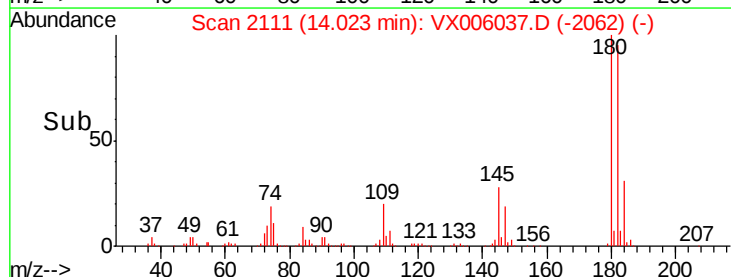


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02



Time-->