

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005744.D
 Acq On : 02 Nov 2018 09:37
 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 03 01:23:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	161413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	243925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	215939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117238	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	114604	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	86782	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	8.72	98	317555	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	11.14	95	116484	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97090	52.068	ug/l	93
3) Chloromethane	1.32	50	100258	45.584	ug/l	98
4) Vinyl Chloride	1.41	62	108026	47.208	ug/l	98
5) Bromomethane	1.64	94	110266	38.834	ug/l	96
6) Chloroethane	1.71	64	68000	46.395	ug/l	94
7) Trichlorofluoromethane	1.92	101	141939	48.325	ug/l	94
8) Diethyl Ether	2.19	74	57814	43.791	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84956	47.618	ug/l	93
10) Methyl Iodide	2.51	142	89519	51.489	ug/l	99
11) Tert butyl alcohol	3.07	59	145086	226.386	ug/l	98
12) 1,1-Dichloroethene	2.37	96	82599	47.511	ug/l	87
13) Acrolein	2.29	56	72675	162.950	ug/l	93
14) Allyl chloride	2.72	41	168213	46.793	ug/l	96
15) Acrylonitrile	3.15	53	324456	230.228	ug/l	99
16) Acetone	2.45	43	304622	251.083	ug/l	98
17) Carbon Disulfide	2.57	76	245045	45.869	ug/l	99
18) Methyl Acetate	2.78	43	158533	46.809	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	290921	48.344	ug/l	100
20) Methylene Chloride	2.85	84	91859	45.139	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	82896	45.062	ug/l	92
22) Diisopropyl ether	3.87	45	315785	47.355	ug/l	94
23) Vinyl Acetate	3.82	43	1389851	239.287	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167148	44.328	ug/l	99
25) 2-Butanone	4.70	43	462266	232.213	ug/l	99
26) 2,2-Dichloropropane	4.58	77	134602	47.753	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	92137	44.573	ug/l	94
28) Bromochloromethane	5.02	49	82610	44.906	ug/l	93
29) Tetrahydrofuran	5.15	42	290741	239.283	ug/l	96
30) Chloroform	5.21	83	167080	45.321	ug/l	91
31) Cyclohexane	5.57	56	151608	48.081	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	139082	47.139	ug/l	95
36) 1,1-Dichloropropene	5.79	75	124455	47.889	ug/l	99
37) Ethyl Acetate	4.85	43	159252	48.032	ug/l	98
38) Carbon Tetrachloride	5.77	117	117427	50.012	ug/l	97

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Quant Time: Nov 03 01:23:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150125	55.389	ug/l	98
40) Benzene	6.14	78	371913	48.103	ug/l #	89
41) Methacrylonitrile	5.06	41	85696	47.835	ug/l	96
42) 1,2-Dichloroethane	6.20	62	138233	48.370	ug/l	100
43) Isopropyl Acetate	6.46	43	242723	50.438	ug/l	97
44) Trichloroethene	7.21	130	87658	49.022	ug/l	90
45) 1,2-Dichloropropane	7.52	63	101219	51.087	ug/l	93
46) Dibromomethane	7.66	93	64063	50.594	ug/l #	85
47) Bromodichloromethane	7.90	83	120439	50.709	ug/l	94
48) Methyl methacrylate	7.78	41	127888	54.908	ug/l	98
49) 1,4-Dioxane	7.76	88	54934	1059.192	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	819251	249.672	ug/l	93
52) Toluene	8.79	92	214809	51.366	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	135704	52.722	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	142333	51.613	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	94225	51.882	ug/l	97
56) Ethyl methacrylate	9.18	69	154006	49.958	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165637	53.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	468249	266.704	ug/l	96
59) 2-Hexanone	9.50	43	700627	262.374	ug/l	99
60) Dibromochloromethane	9.58	129	97323	55.456	ug/l	100
61) 1,2-Dibromoethane	9.67	107	96807	52.311	ug/l	99
64) Tetrachloroethene	9.33	164	87335	55.359	ug/l	92
65) Chlorobenzene	10.14	112	227612	49.603	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	80069	50.971	ug/l	98
67) Ethyl Benzene	10.26	91	413513	52.802	ug/l	99
68) m/p-Xylenes	10.36	106	310825	106.812	ug/l	95
69) o-Xylene	10.70	106	147122	52.860	ug/l	96
70) Styrene	10.71	104	253221	54.778	ug/l	98
71) Bromoform	10.86	173	67181	52.783	ug/l #	98
73) Isopropylbenzene	11.02	105	406611	52.570	ug/l	99
74) N-amyl acetate	10.90	43	208861	50.719	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	154754	48.226	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	178134	61.006	ug/l	88
77) Bromobenzene	11.26	156	95952	50.009	ug/l	87
78) n-propylbenzene	11.36	91	500905	53.235	ug/l	97
79) 2-Chlorotoluene	11.42	91	288506	51.338	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	352701	53.705	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46434	51.379	ug/l	98
82) 4-Chlorotoluene	11.51	91	348343	51.920	ug/l	97
83) tert-Butylbenzene	11.77	119	331826	52.955	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	364025	54.892	ug/l	97
85) sec-Butylbenzene	11.95	105	426016	53.000	ug/l	97
86) p-Isopropyltoluene	12.07	119	370942	54.261	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	185946	50.121	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	189388	47.519	ug/l	98
89) n-Butylbenzene	12.39	91	371780	53.901	ug/l	98
90) Hexachloroethane	12.60	117	60608	49.971	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	190172	49.066	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36988	49.145	ug/l	88

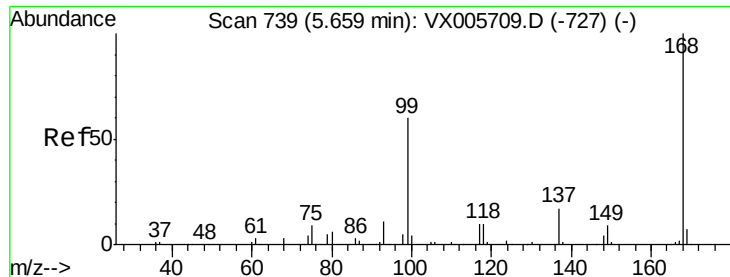
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131534	52.913	ug/l	99
94) Hexachlorobutadiene	13.79	225	62865	52.275	ug/l	98
95) Naphthalene	13.83	128	450216	55.071	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132867	52.502	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

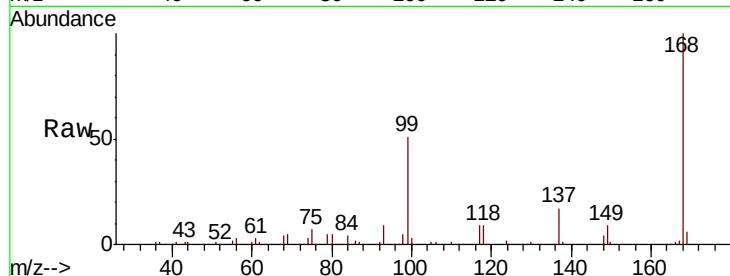
VSTDCCC050

Tot Ion:168 Resp: 161413

Ion Ratio Lower Upper

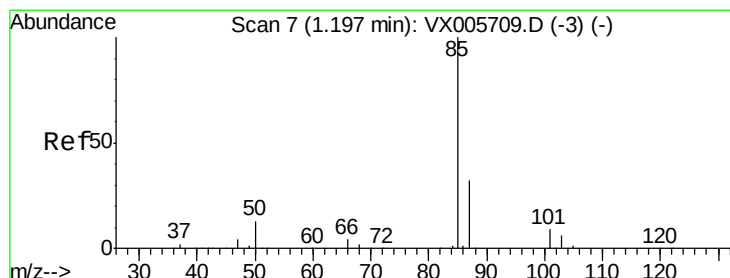
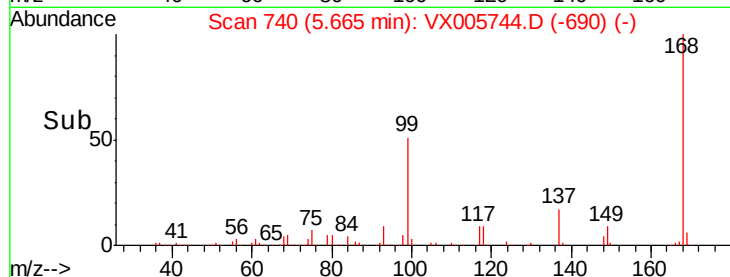
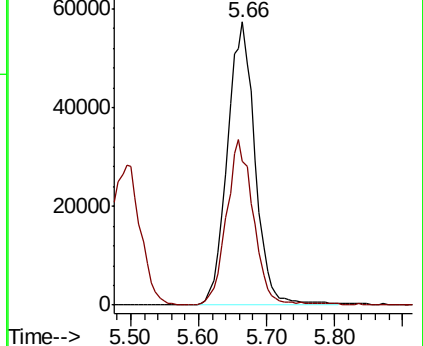
168 100

99 50.9 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: 52.068 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005744.D

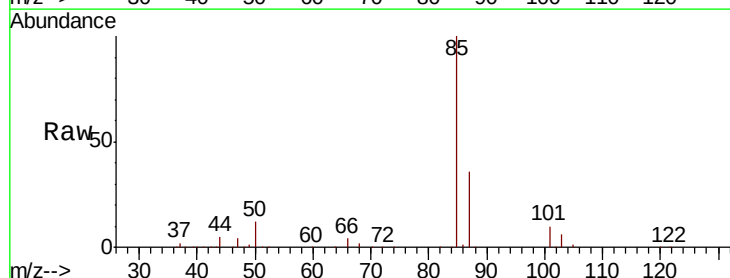
Acq: 02 Nov 2018 09:37

Tgt Ion: 85 Resp: 97090

Ion Ratio Lower Upper

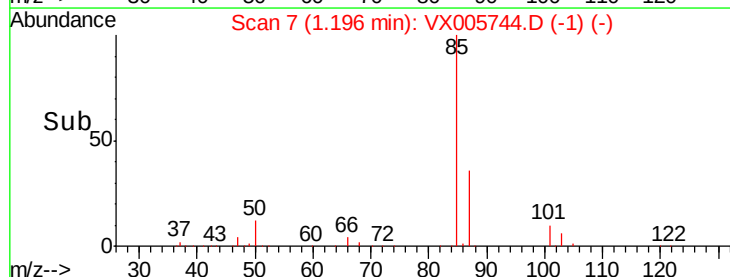
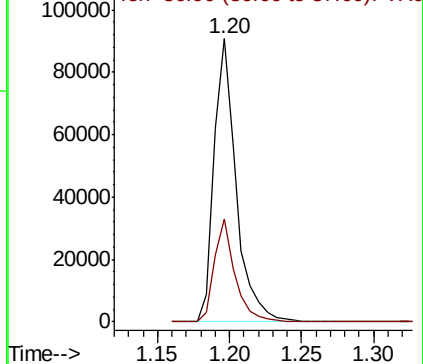
85 100

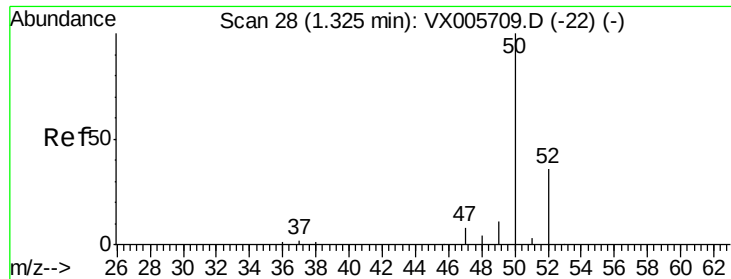
87 36.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.584 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

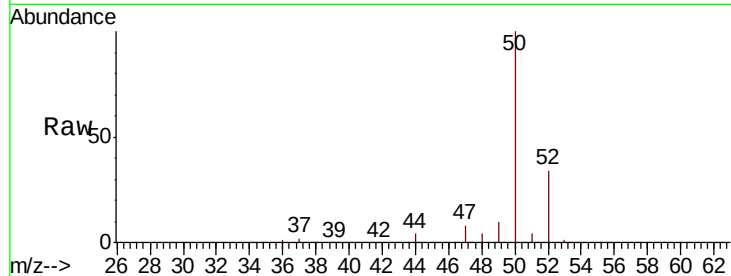
VSTDCCC050

Tot Ion: 50 Resp: 100258

Ion Ratio Lower Upper

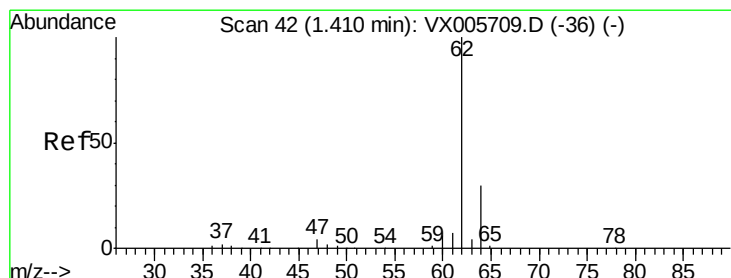
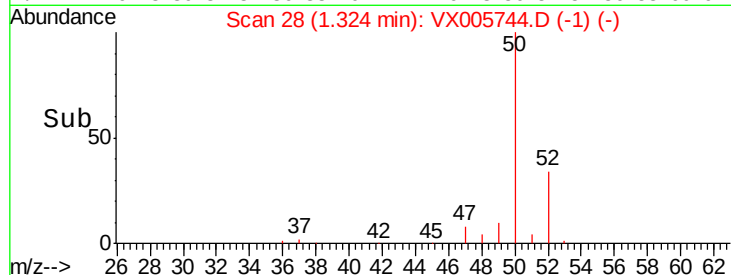
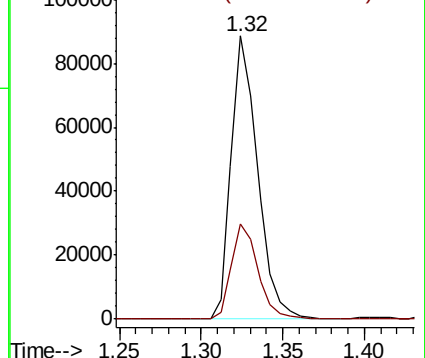
50 100

52 33.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.208 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX005744.D

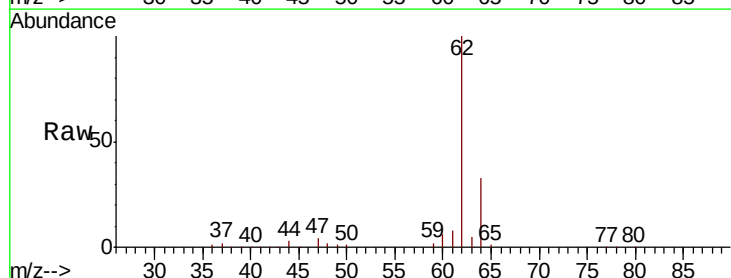
Acq: 02 Nov 2018 09:37

Tgt Ion: 62 Resp: 108026

Ion Ratio Lower Upper

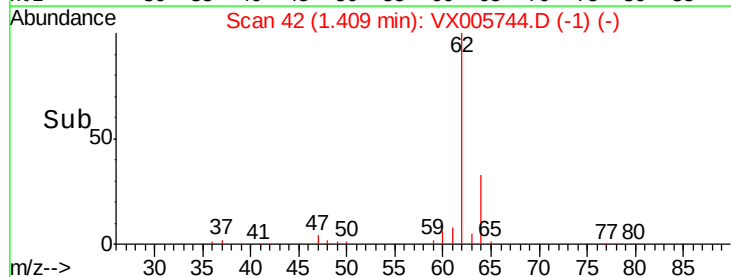
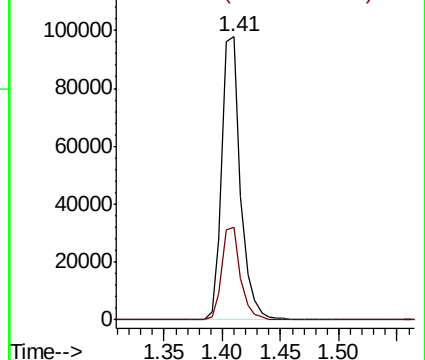
62 100

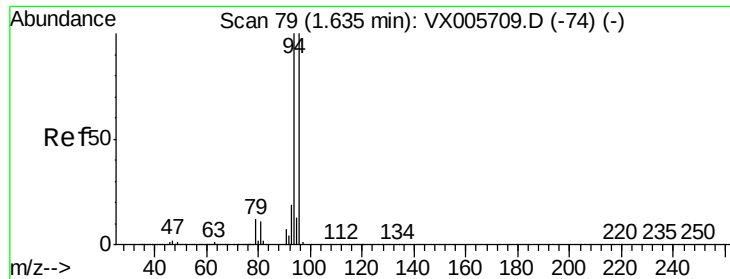
64 32.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 38.834 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

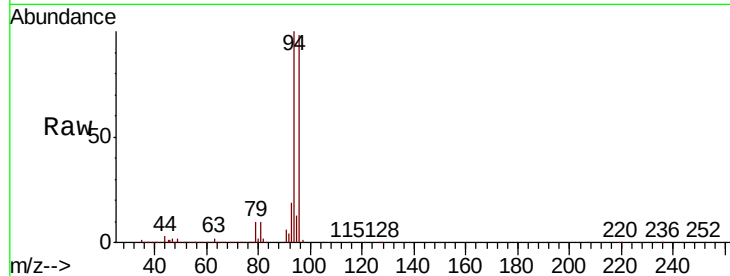
VSTDCCC050

Tot Ion: 94 Resp: 110266

Ion Ratio Lower Upper

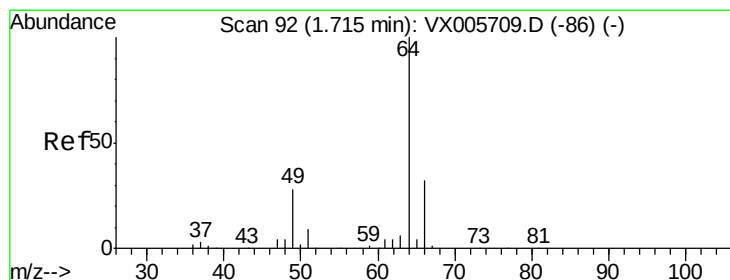
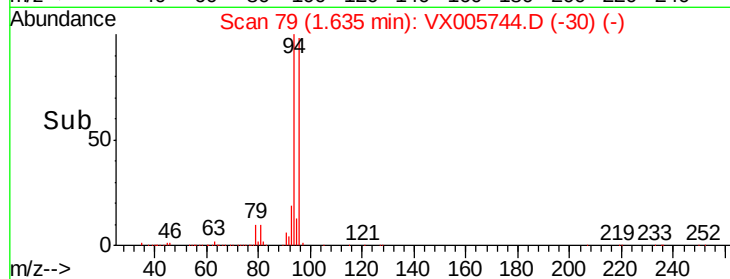
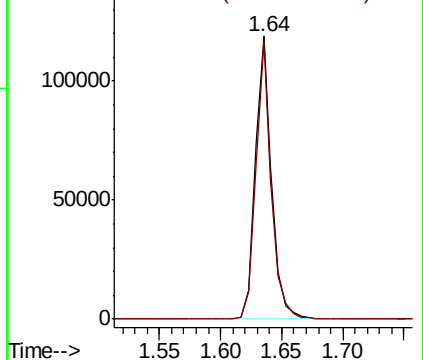
94 100

96 98.3 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: 46.395 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005744.D

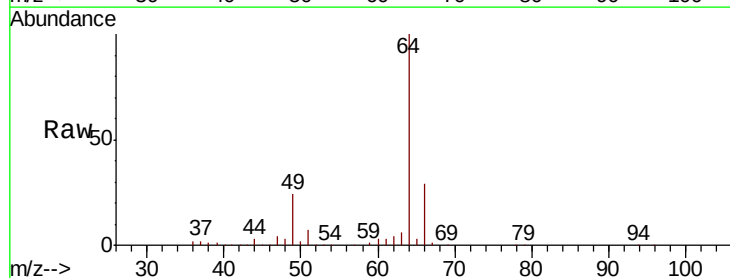
Acq: 02 Nov 2018 09:37

Tgt Ion: 64 Resp: 68000

Ion Ratio Lower Upper

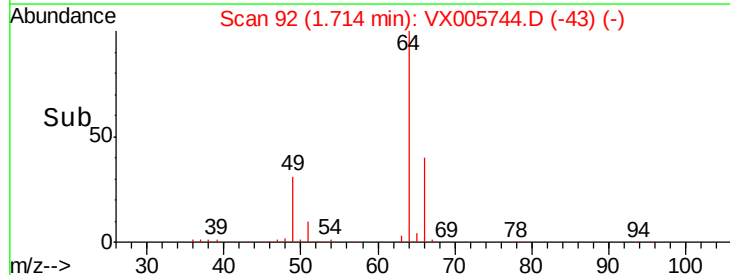
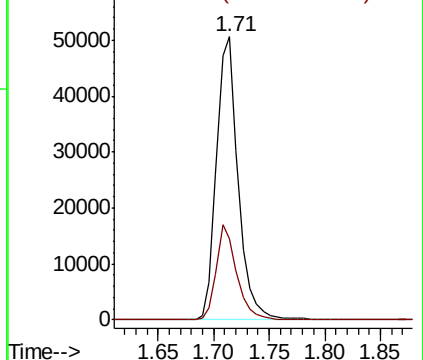
64 100

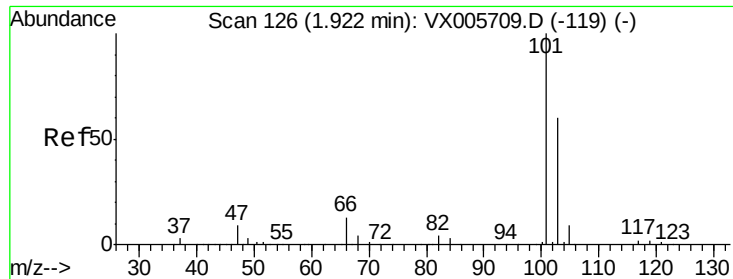
66 28.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



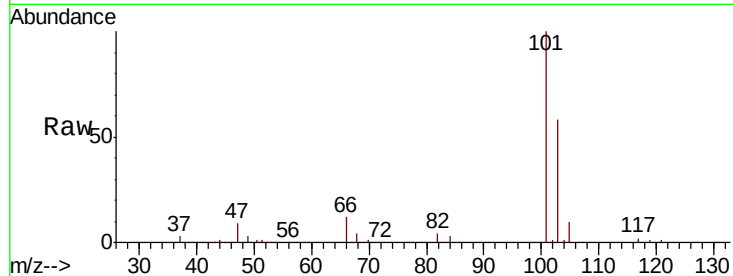


#7

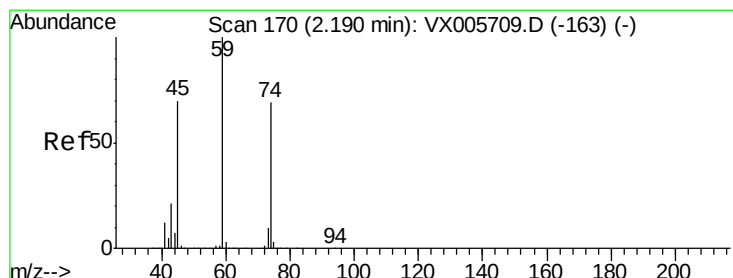
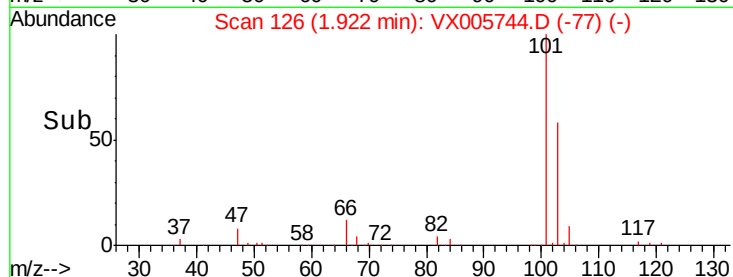
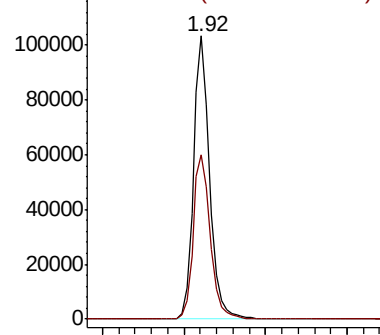
Trichlorofluoromethane
Concen: 48.325 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 141939
Ion Ratio Lower Upper
101 100
103 58.1 50.0 75.0



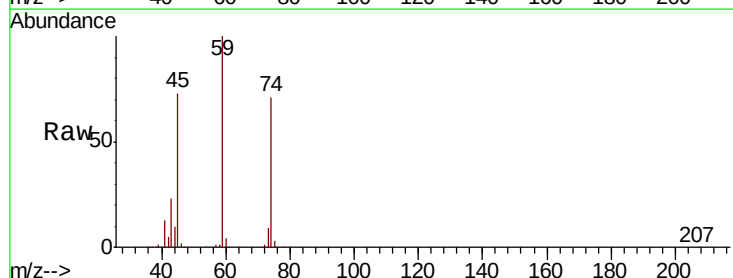
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



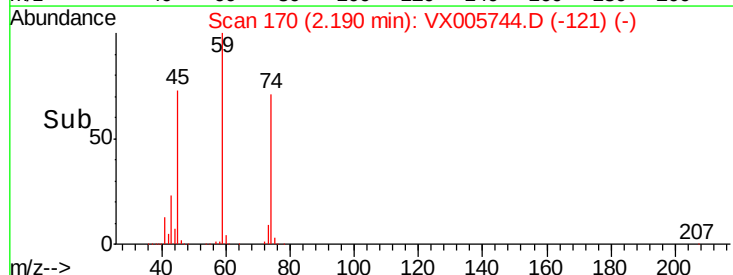
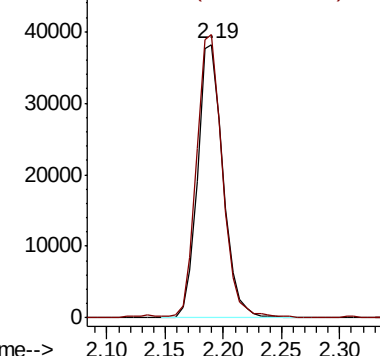
#8

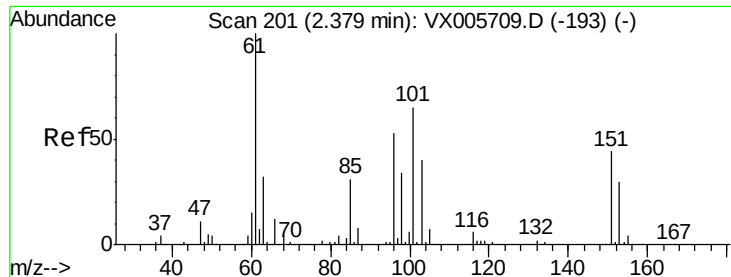
Diethyl Ether
Concen: 43.791 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion: 74 Resp: 57814
Ion Ratio Lower Upper
74 100
45 104.8 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: 47.618 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

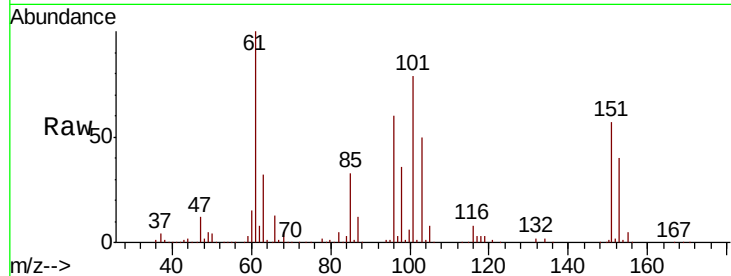
Tot Ion:101 Resp: 84956

Ion Ratio Lower Upper

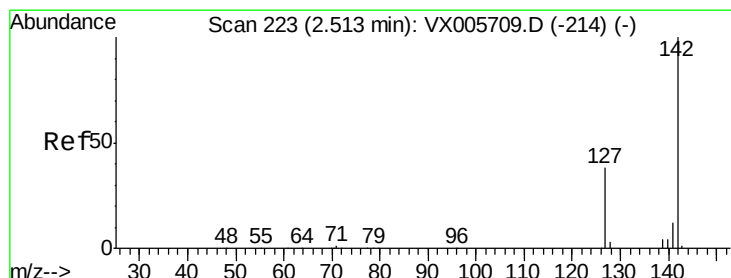
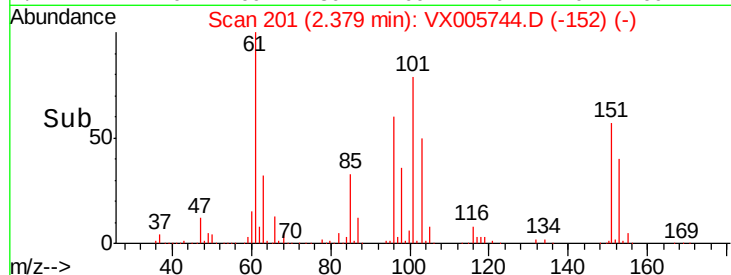
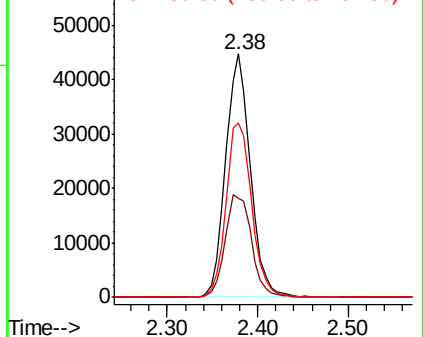
101 100

85 45.0 35.0 52.4

151 74.4 66.2 99.2



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



#10

Methyl Iodide

Concen: 51.489 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

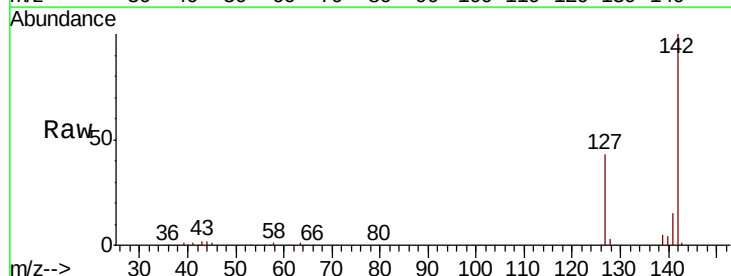
Tgt Ion:142 Resp: 89519

Ion Ratio Lower Upper

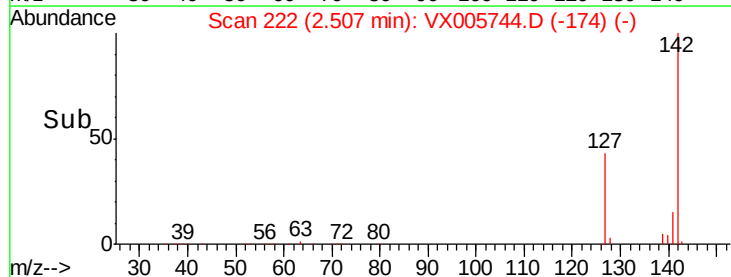
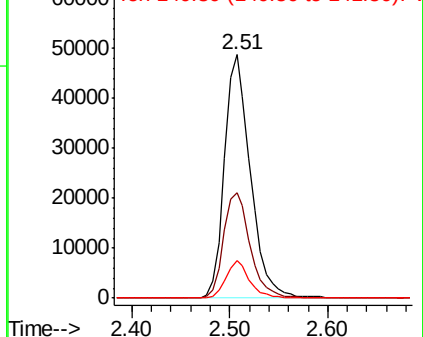
142 100

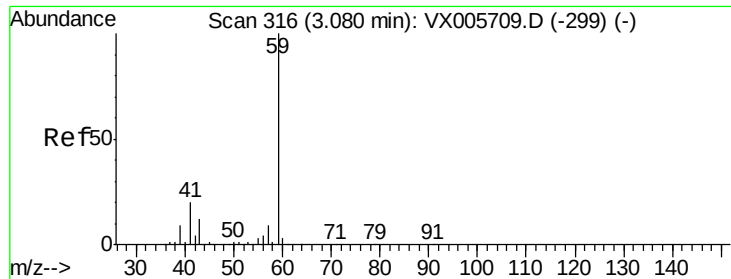
127 44.4 36.0 54.0

141 14.1 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



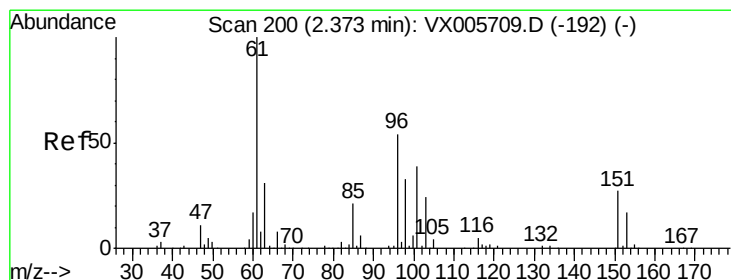
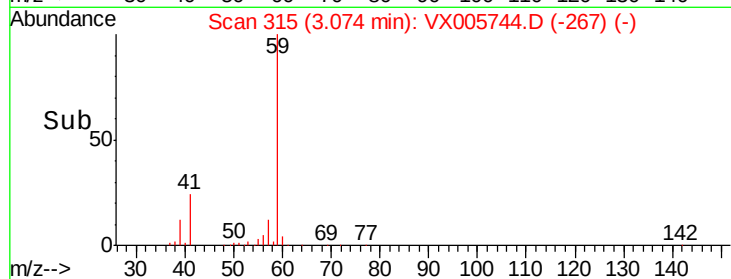
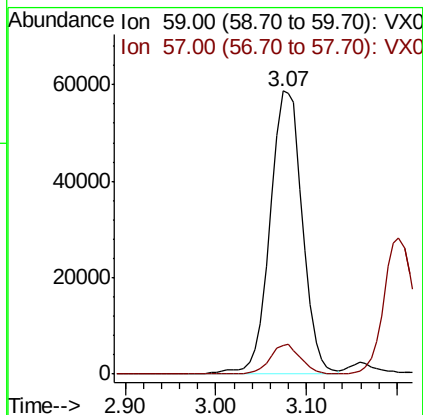
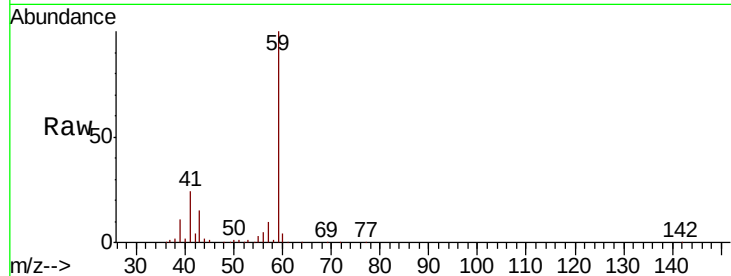


#11

Tert butyl alcohol
 Concen: 226.386 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

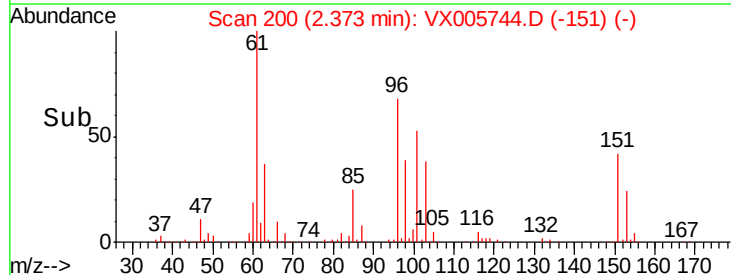
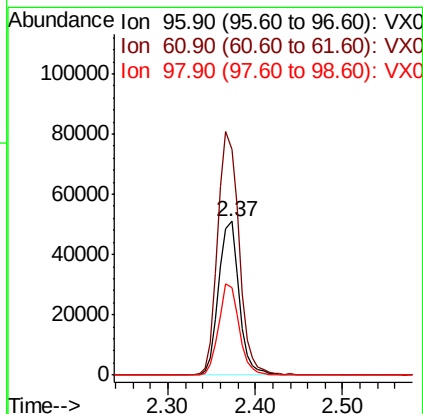
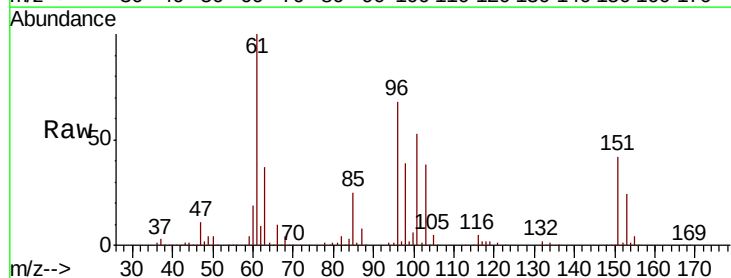
Tot Ion: 59 Resp: 145086
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

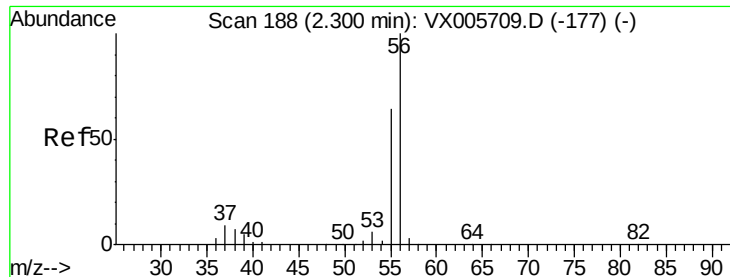


#12

1,1-Dichloroethene
 Concen: 47.511 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion: 96 Resp: 82599
 Ion Ratio Lower Upper
 96 100
 61 146.8 131.8 197.8
 98 57.1 53.4 80.2

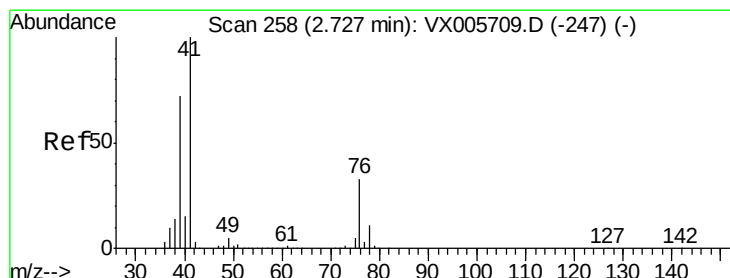
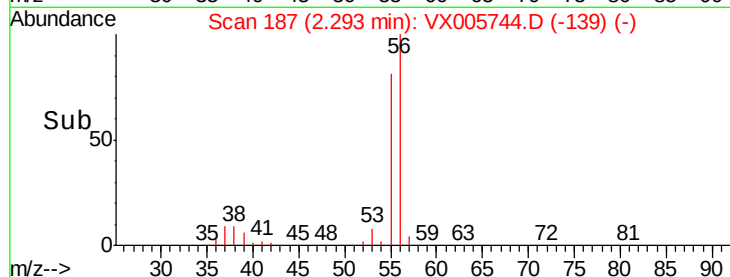
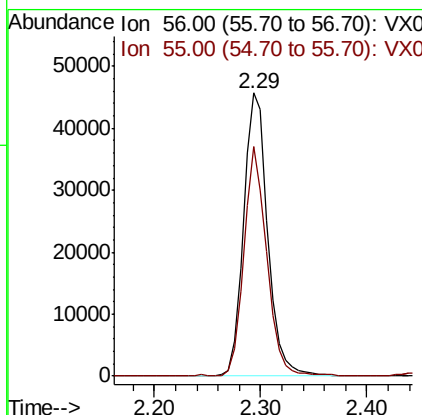
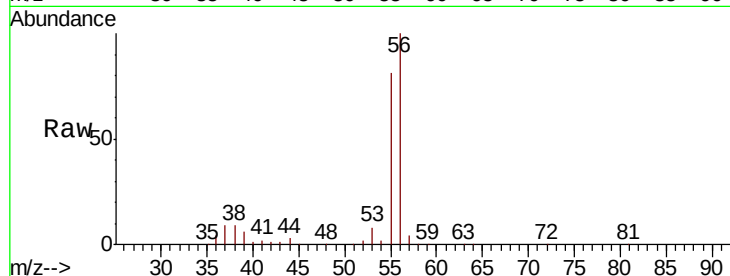




#13
Acrolein
Concen: 162.950 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

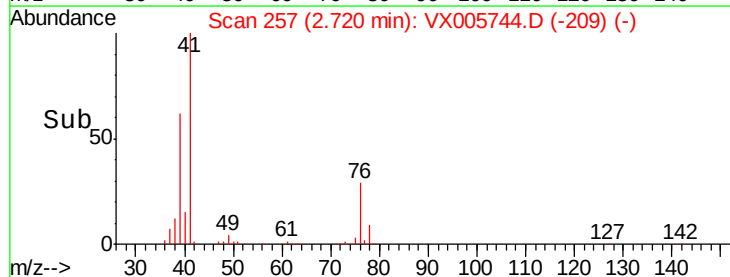
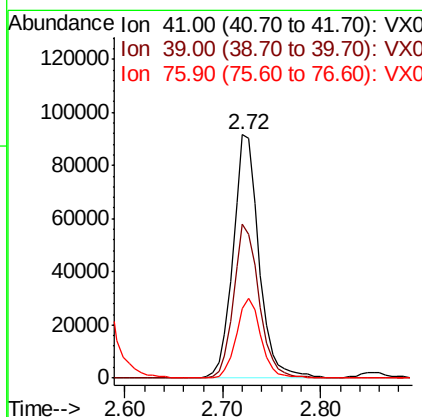
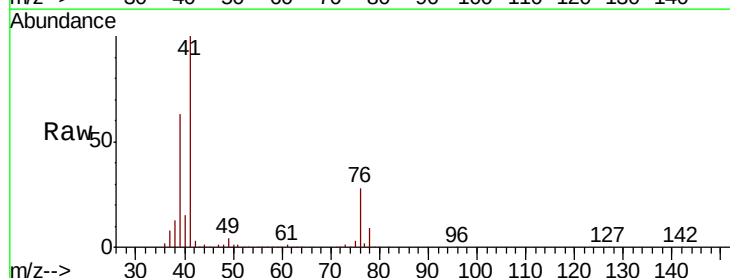
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

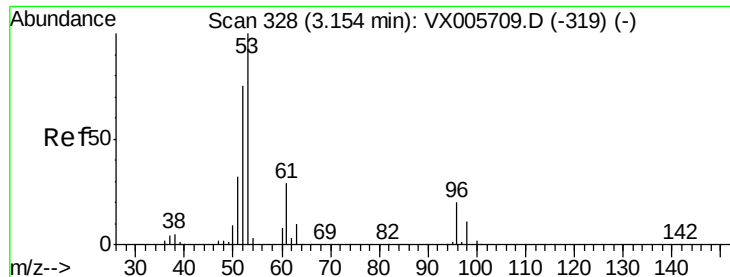
Tot Ion: 56 Resp: 72675
Ion Ratio Lower Upper
56 100
55 77.2 57.3 85.9



#14
Allyl chloride
Concen: 46.793 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion: 41 Resp: 168213
Ion Ratio Lower Upper
41 100
39 62.1 48.2 72.4
76 31.3 21.9 32.9





#15

Acrylonitrile

Concen: 230.228 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

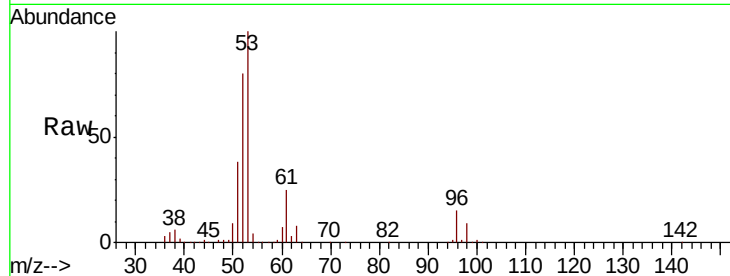
Tot Ion: 53 Resp: 324456

Ion Ratio Lower Upper

53 100

52 82.1 66.6 99.8

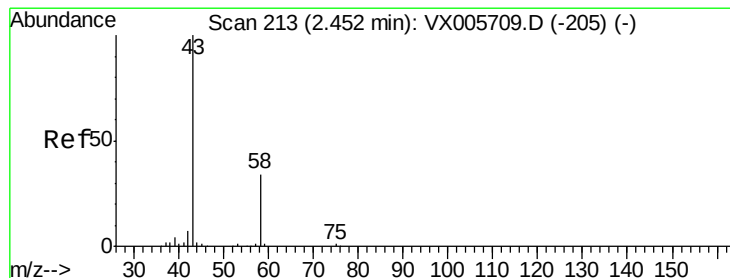
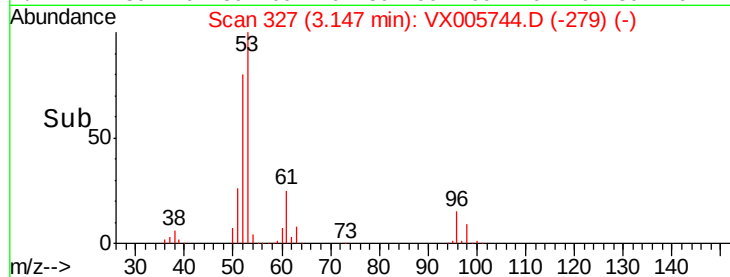
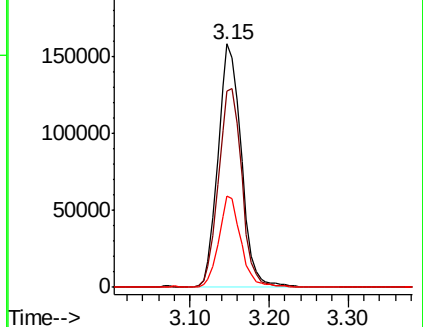
51 35.9 28.4 42.6



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: 251.083 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005744.D

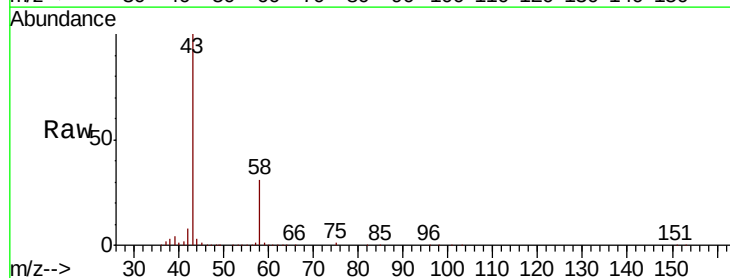
Acq: 02 Nov 2018 09:37

Tgt Ion: 43 Resp: 304622

Ion Ratio Lower Upper

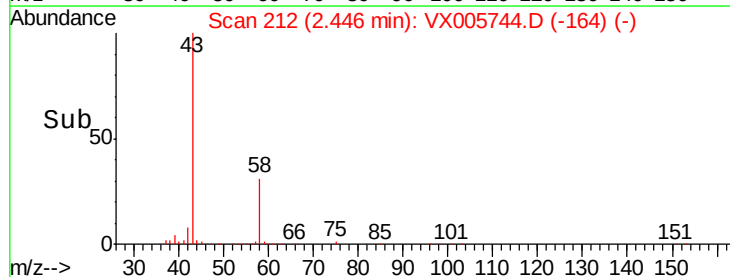
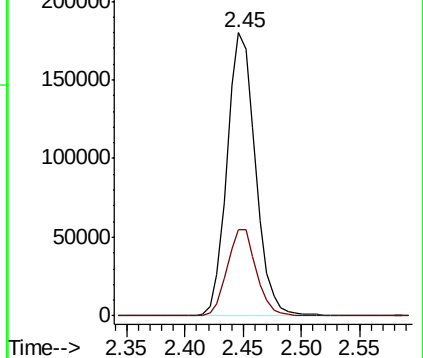
43 100

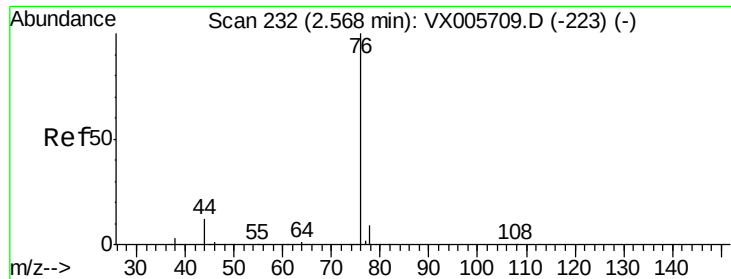
58 30.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

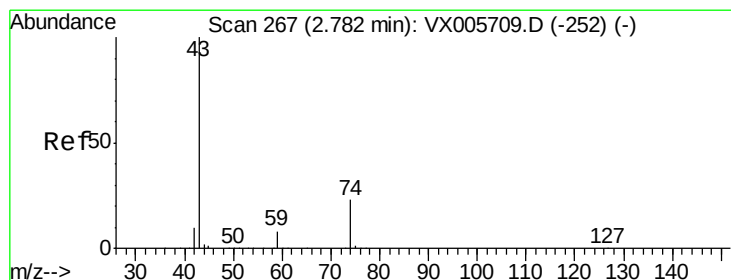
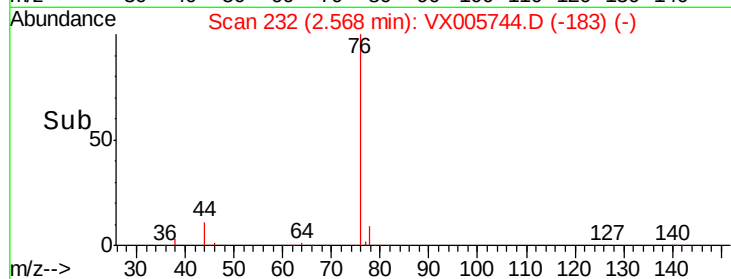
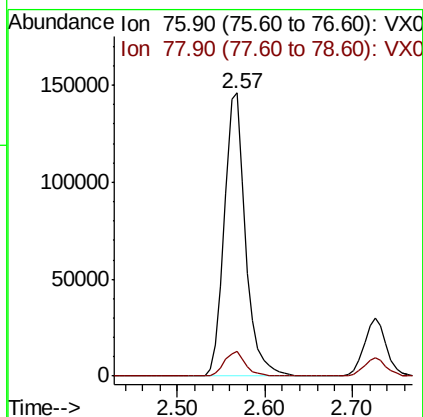
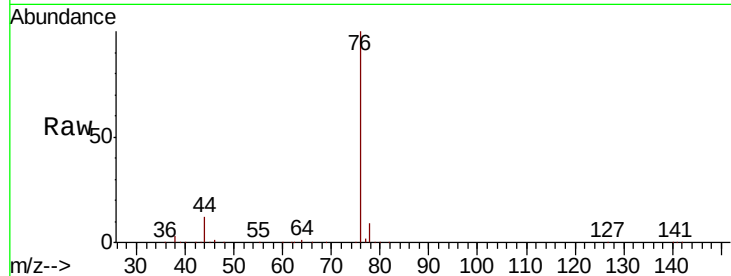




#17
Carbon Disulfide
Concen: 45.869 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

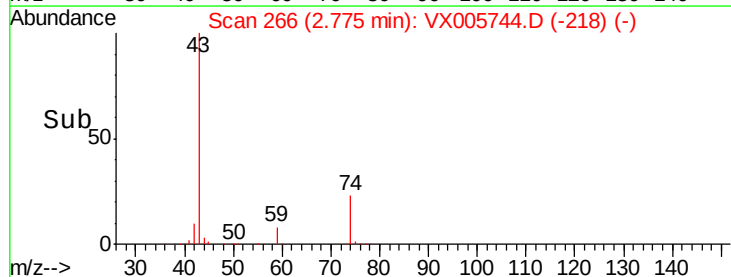
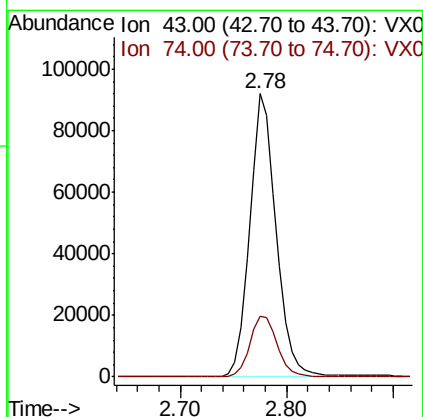
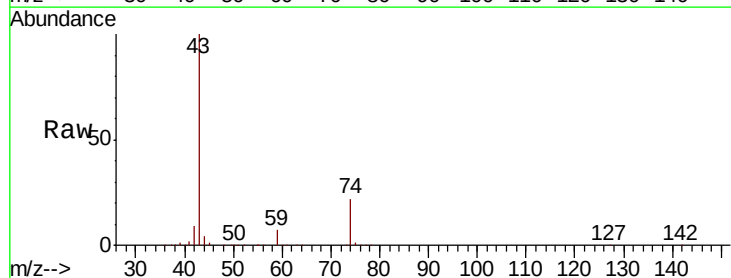
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

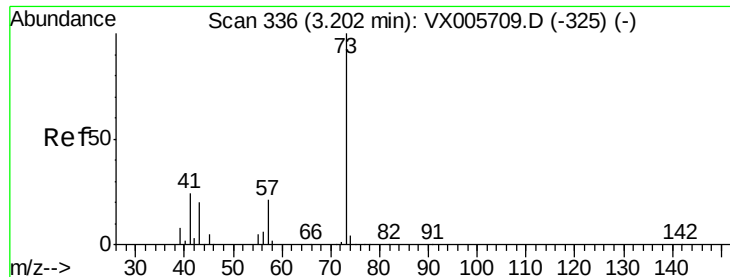
Tot Ion: 76 Resp: 245045
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 46.809 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion: 43 Resp: 158533
Ion Ratio Lower Upper
43 100
74 22.7 16.8 25.2



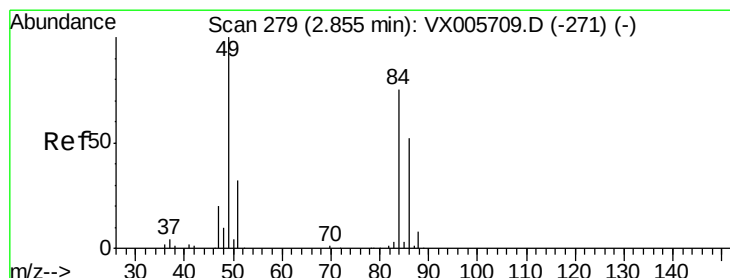
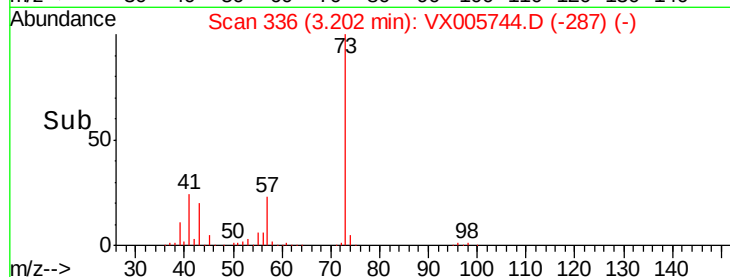
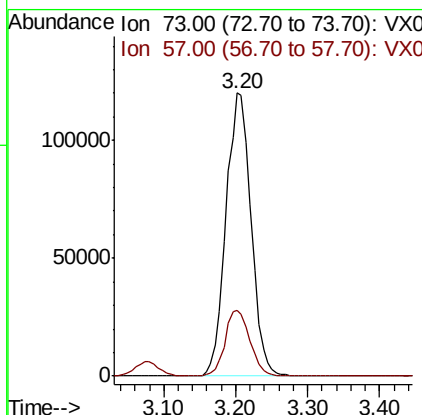
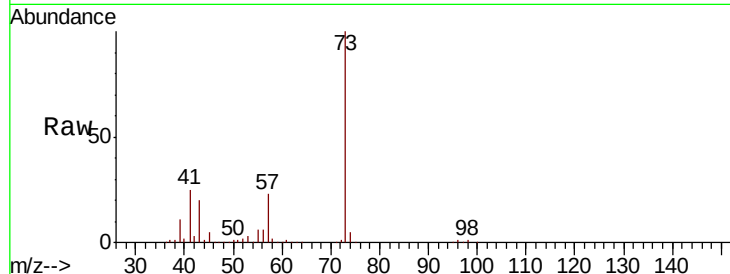


#19

Methyl tert-butyl Ether
 Concen: 48.344 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

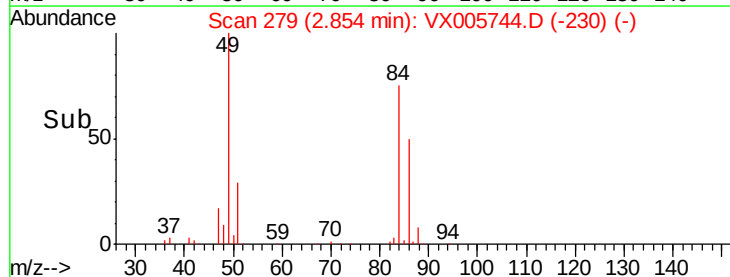
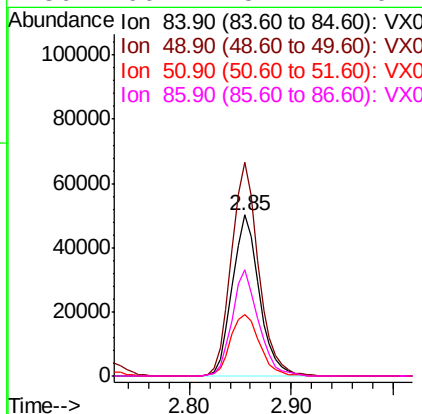
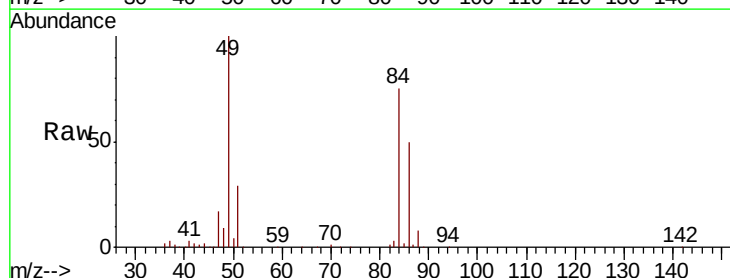
Tot Ion: 73 Resp: 290921
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.8 28.2

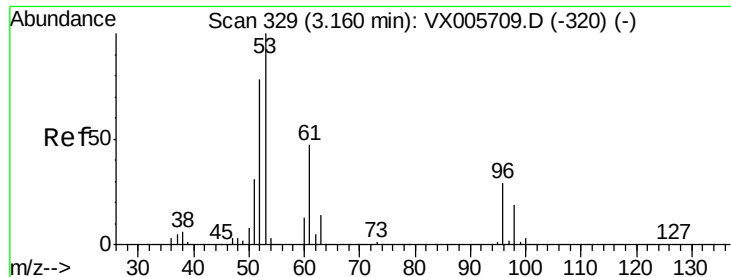


#20

Methylene Chloride
 Concen: 45.139 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion: 84 Resp: 91859
 Ion Ratio Lower Upper
 84 100
 49 132.6 109.5 164.3
 51 37.8 33.3 49.9
 86 66.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 45.062 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

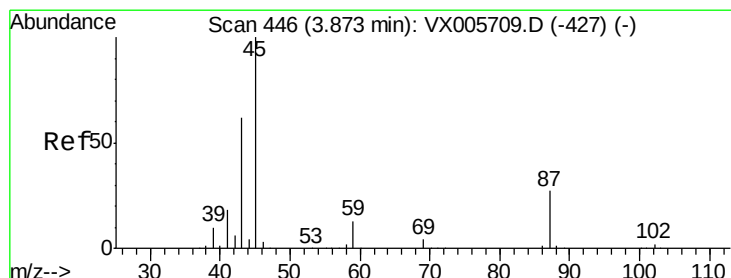
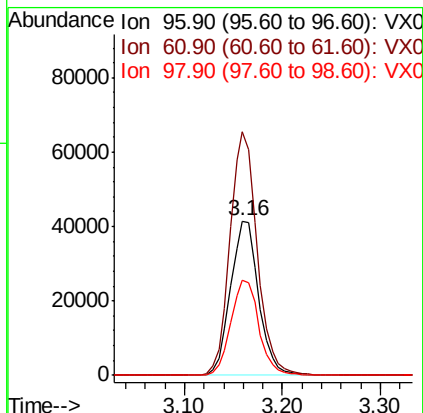
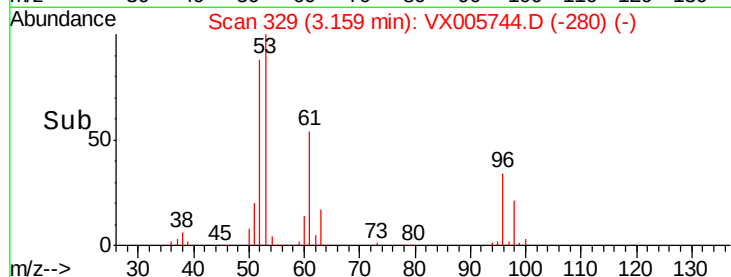
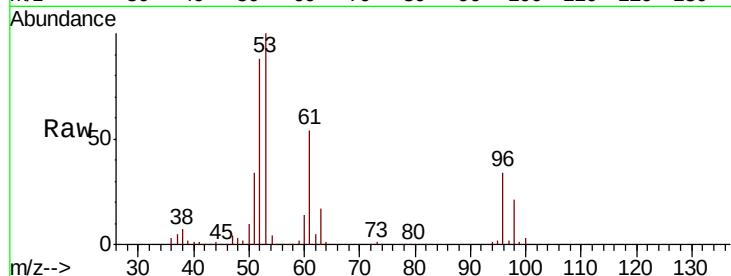
Tot Ion: 96 Resp: 82896

Ion Ratio Lower Upper

96 100

61 157.4 115.6 173.4

98 62.0 50.2 75.2



#22

Diisopropyl ether

Concen: 47.355 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Tgt Ion: 45 Resp: 315785

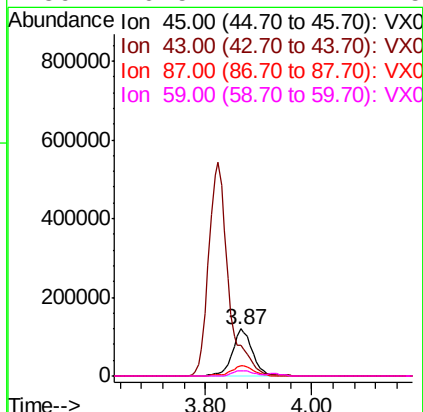
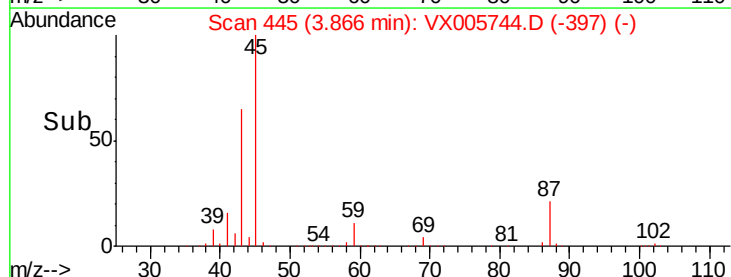
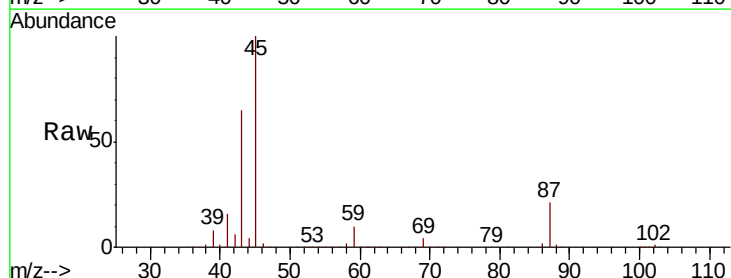
Ion Ratio Lower Upper

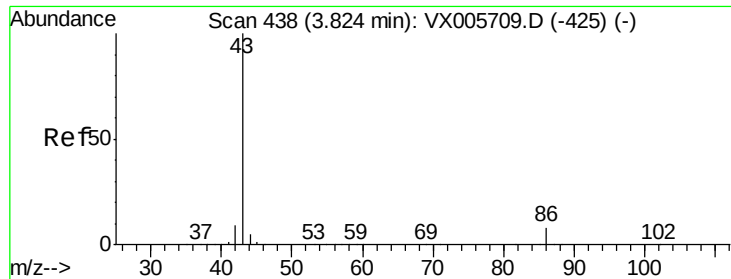
45 100

43 65.3 47.4 71.2

87 20.6 15.9 23.9

59 10.5 7.7 11.5





#23

Vinyl Acetate

Concen: 239.287 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

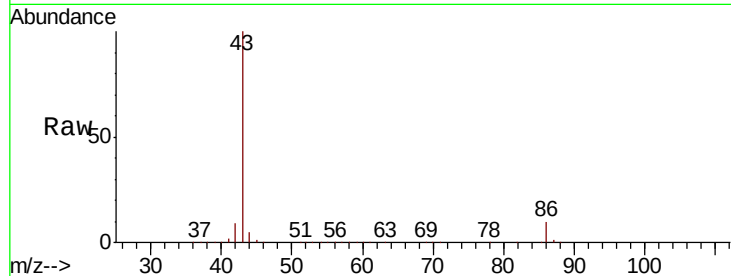
VSTDCCC050

Tot Ion: 43 Resp: 1389851

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX005709.D (-425) (-)

3.82

600000

500000

400000

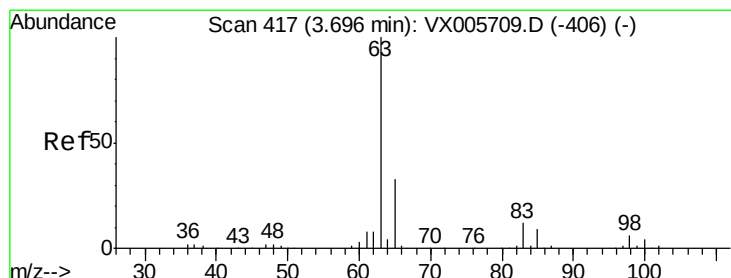
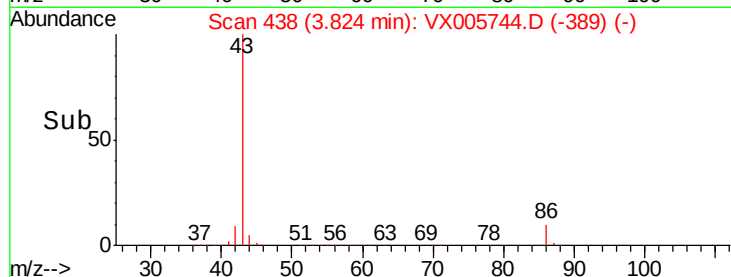
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.328 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

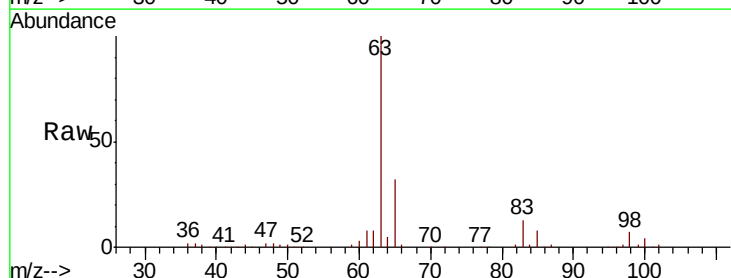
Tgt Ion: 63 Resp: 167148

Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

100 4.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005744.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX005744.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX005744.D (-368) (-)

3.70

80000

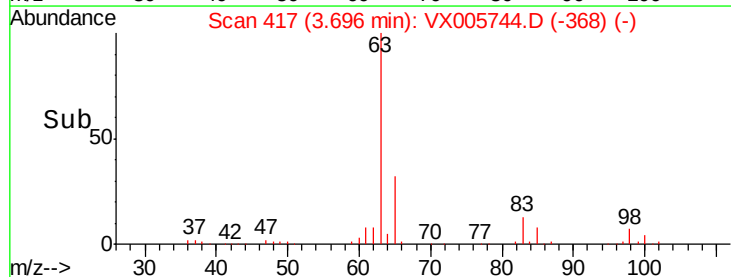
60000

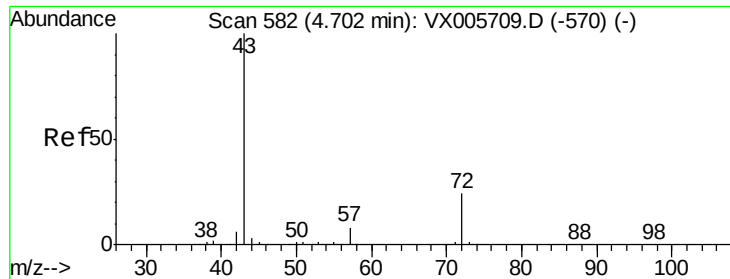
40000

20000

0

Time-->





#25

2-Butanone

Concen: 232.213 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

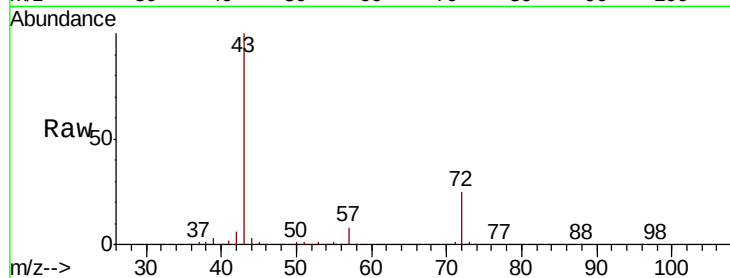
VSTDCCC050

Tot Ion: 43 Resp: 462266

Ion Ratio Lower Upper

43 100

72 24.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

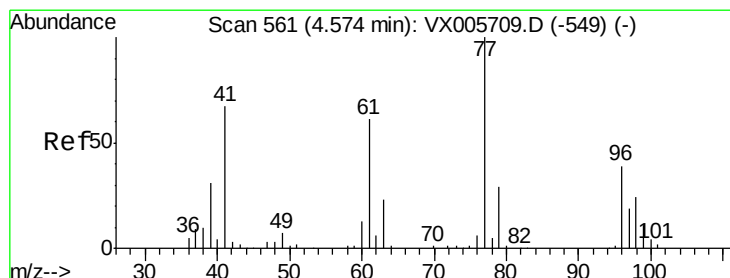
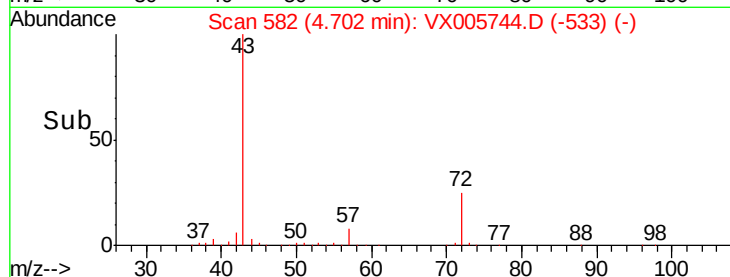
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.753 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005744.D

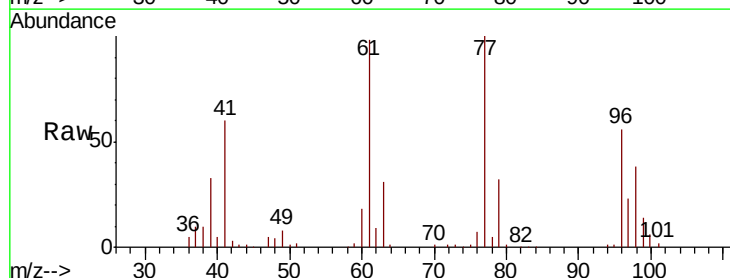
Acq: 02 Nov 2018 09:37

Tgt Ion: 77 Resp: 134602

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

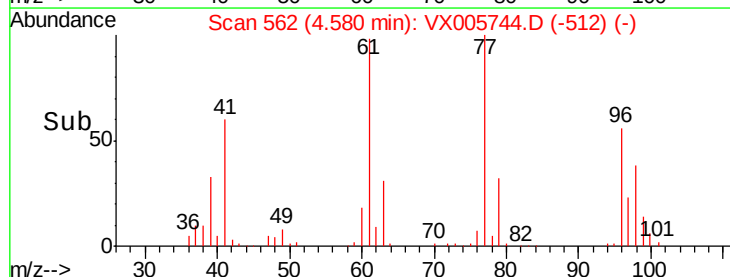
30000

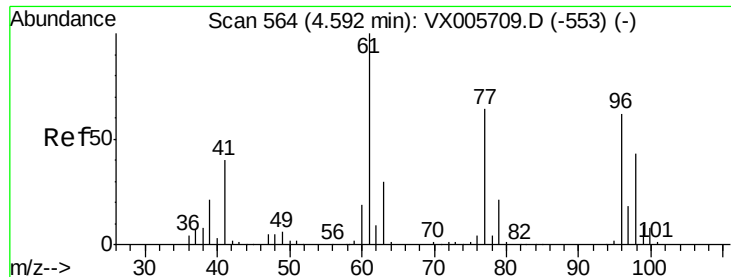
20000

10000

0

Time-->



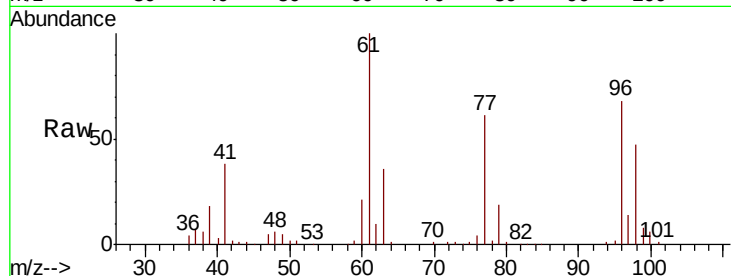


#27

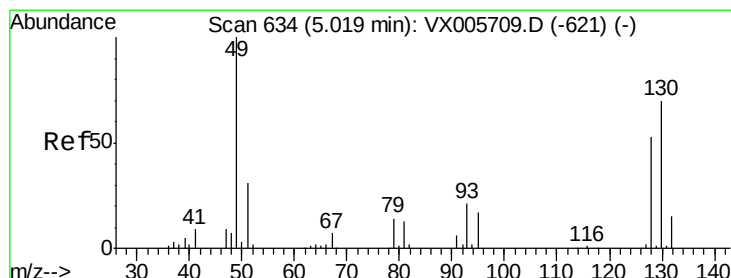
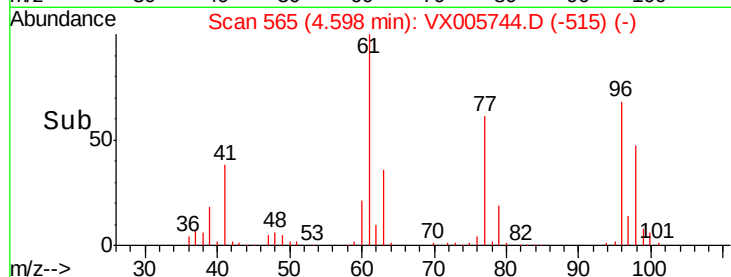
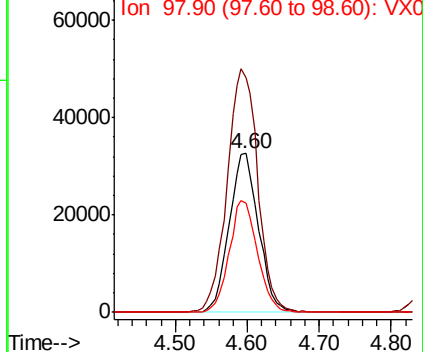
cis-1,2-Dichloroethene
Concen: 44.573 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 92137
Ion Ratio Lower Upper
96 100
61 160.0 0.0 304.6
98 68.2 0.0 127.4



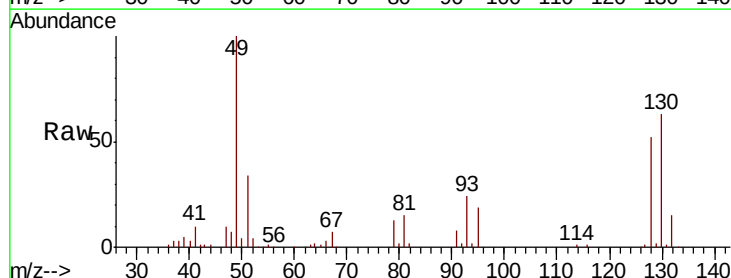
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



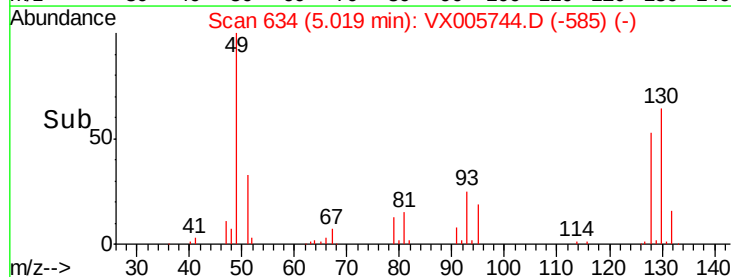
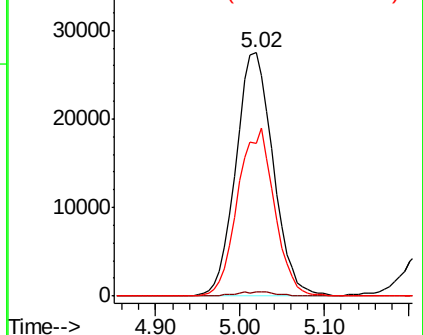
#28

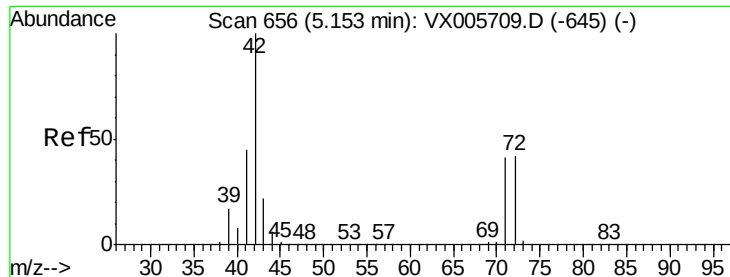
Bromochloromethane
Concen: 44.906 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion: 49 Resp: 82610
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 67.8 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: 239.283 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

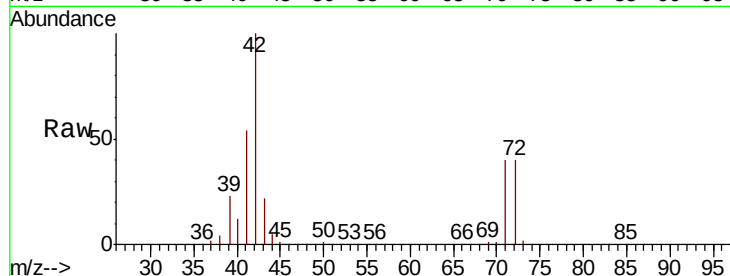
Tot Ion: 42 Resp: 290741

Ion Ratio Lower Upper

42 100

72 41.8 32.0 48.0

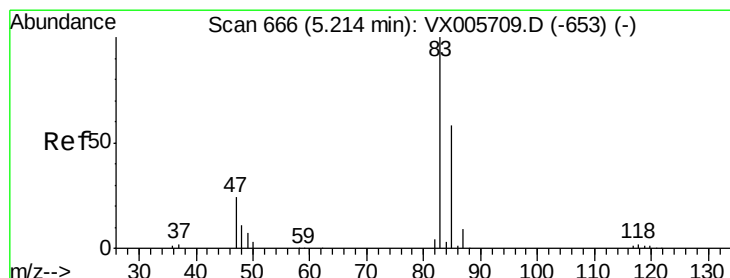
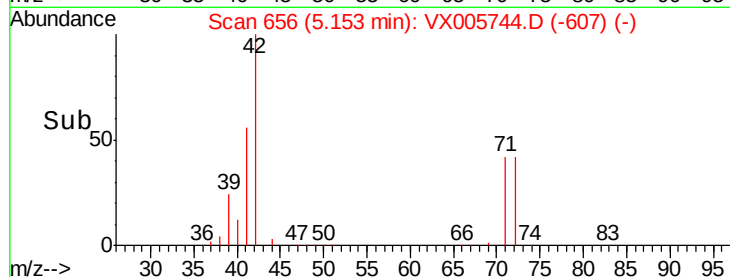
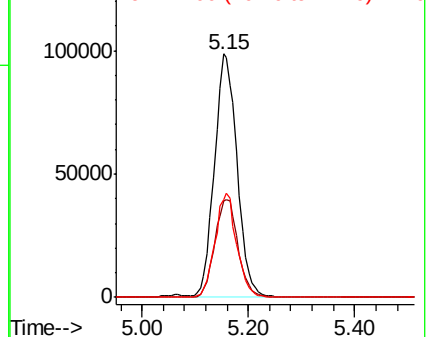
71 41.0 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.321 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005744.D

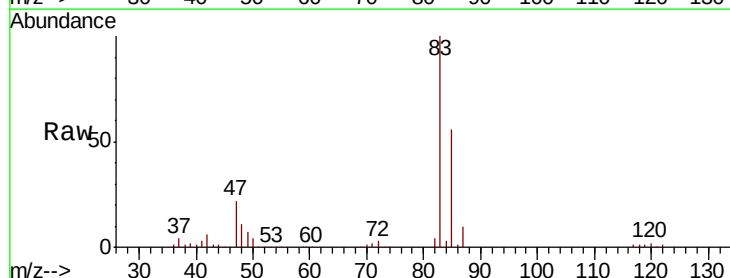
Acq: 02 Nov 2018 09:37

Tgt Ion: 83 Resp: 167080

Ion Ratio Lower Upper

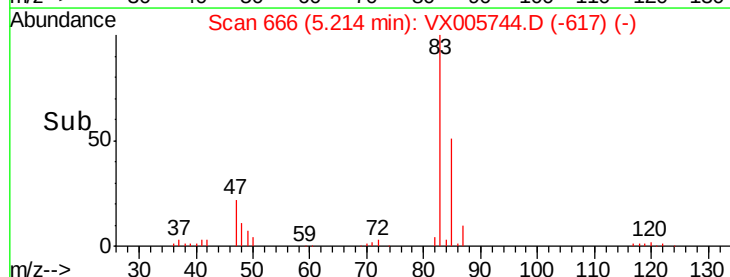
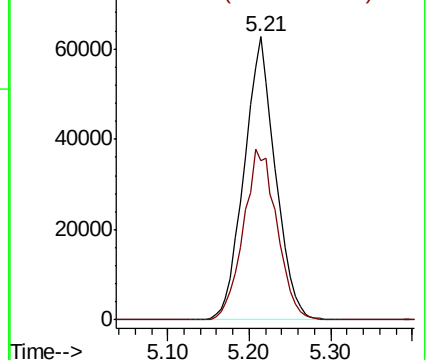
83 100

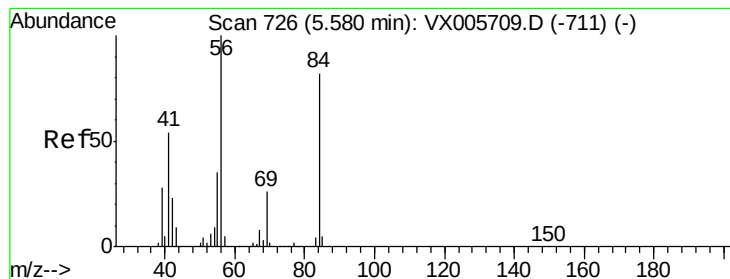
85 56.1 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.081 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

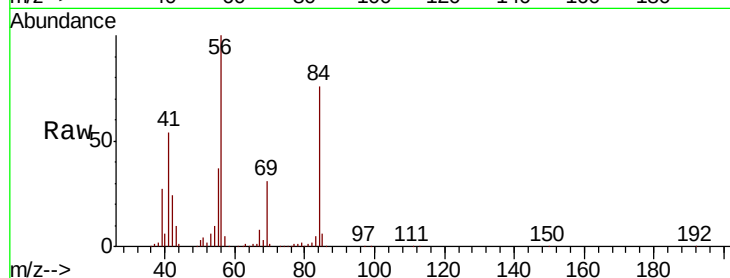
Tot Ion: 56 Resp: 151608

Ion Ratio Lower Upper

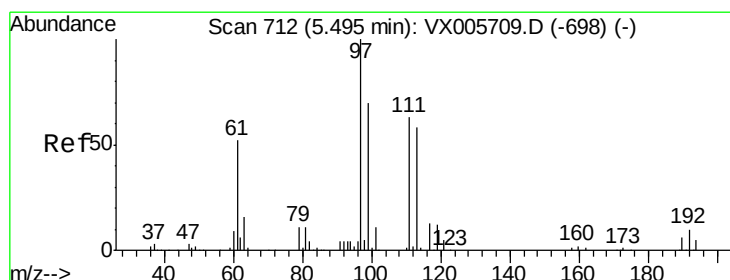
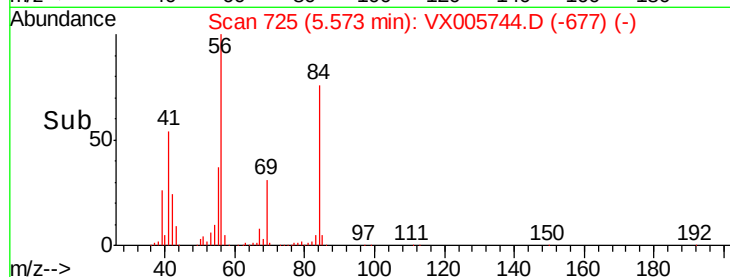
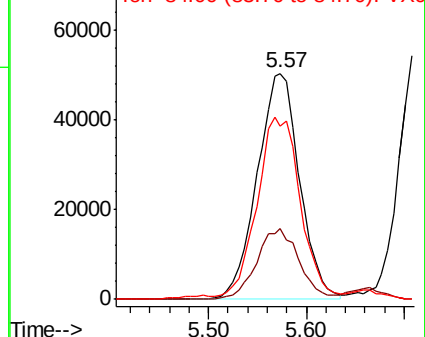
56 100

69 31.4 22.6 34.0

84 75.2 62.7 94.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.139 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

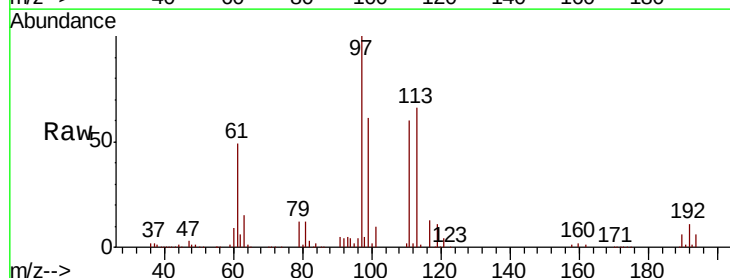
Tgt Ion: 97 Resp: 139082

Ion Ratio Lower Upper

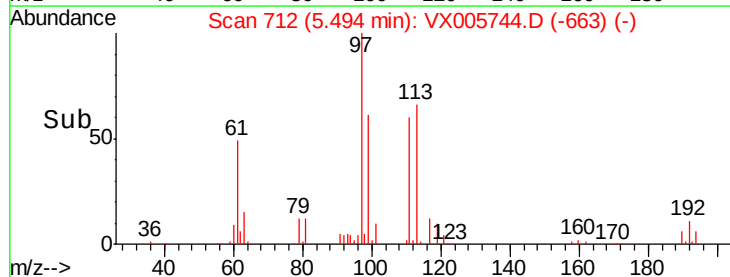
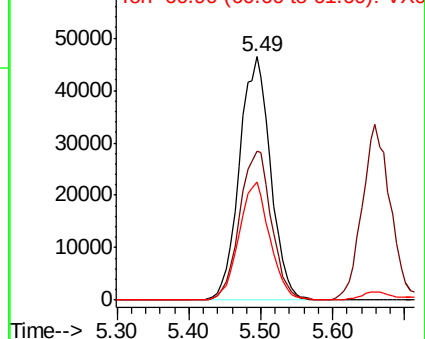
97 100

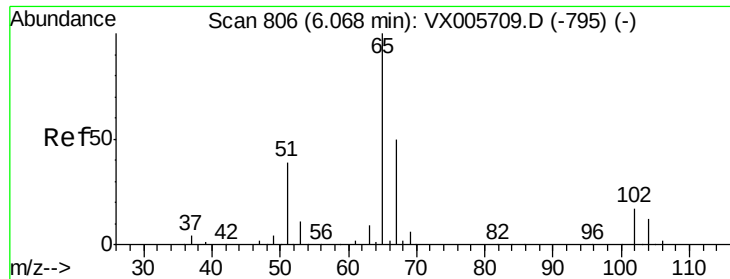
99 62.6 52.3 78.5

61 48.4 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

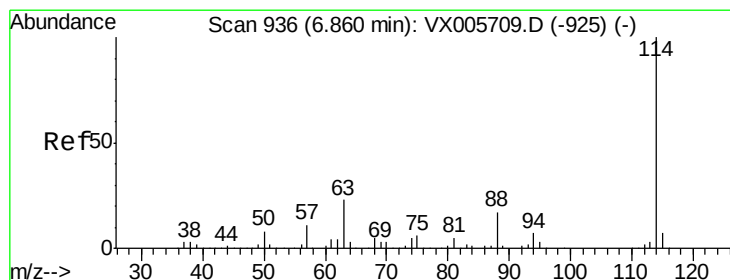
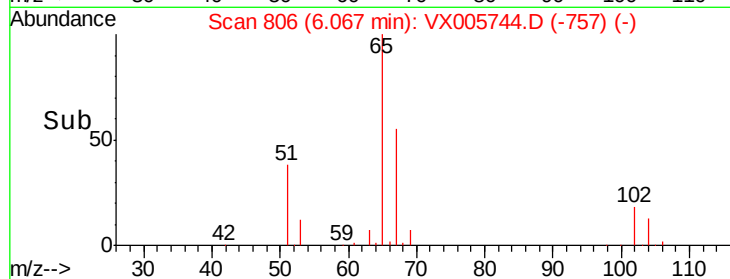
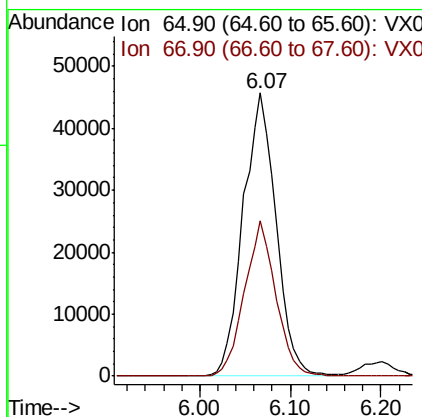
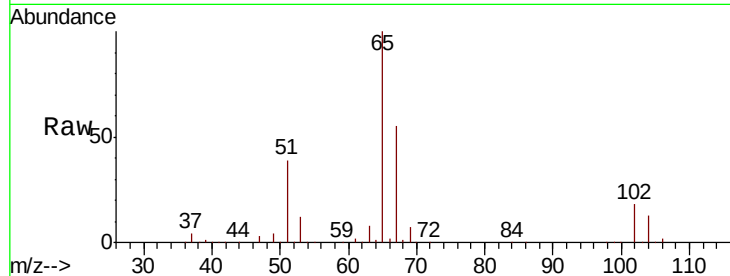




#33
 1,2-Dichloroethane-d4
 Concen: 48.563 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

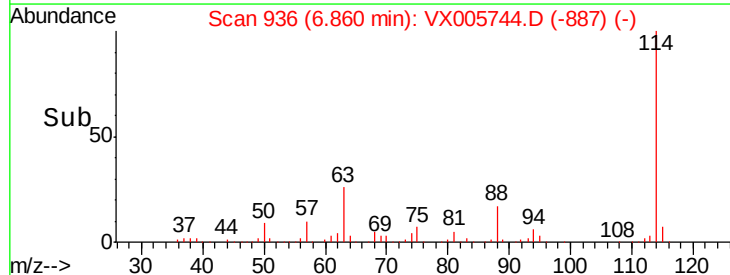
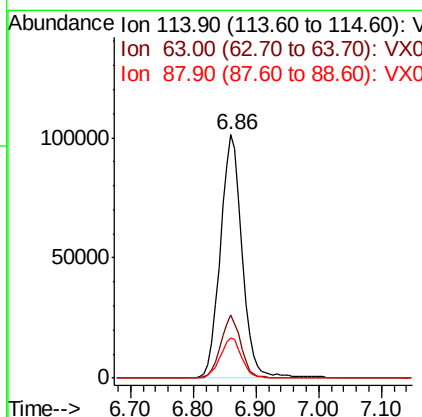
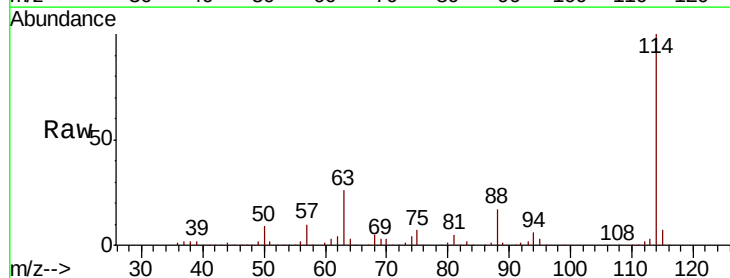
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

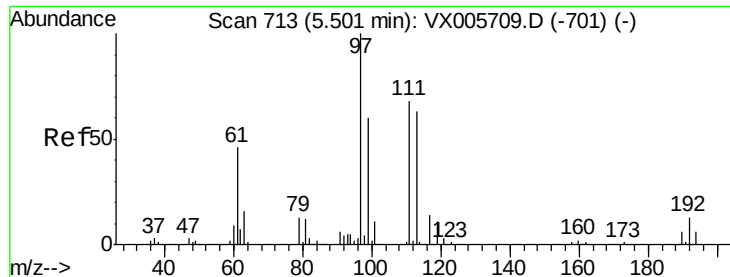
Tot Ion: 65 Resp: 114604
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion: 114 Resp: 243925
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 42.8
 88 16.6 0.0 31.2

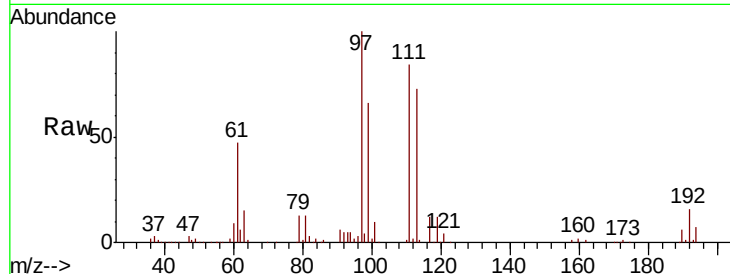




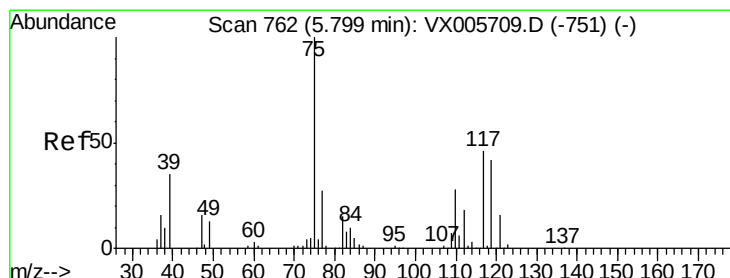
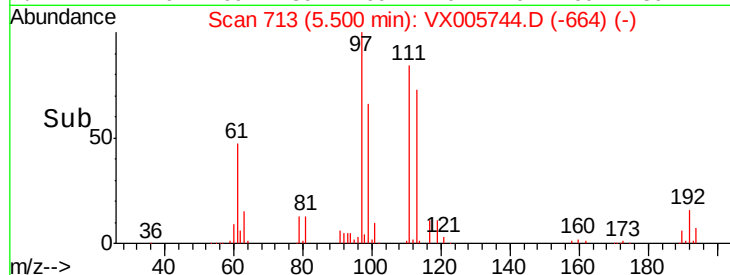
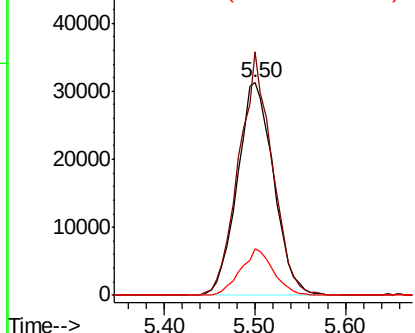
#35
 Dibromofluoromethane
 Concen: 51.382 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 86782
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.3 123.5
 192 19.9 17.9 26.9

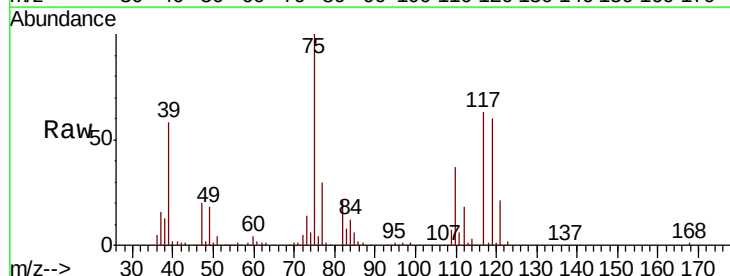


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

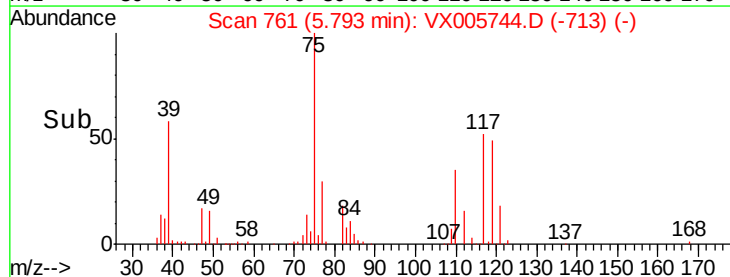
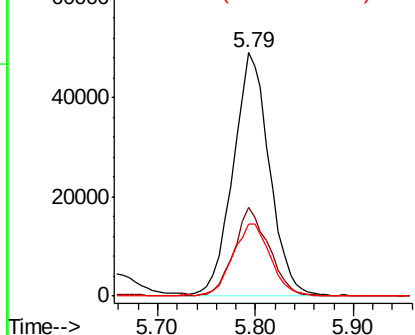


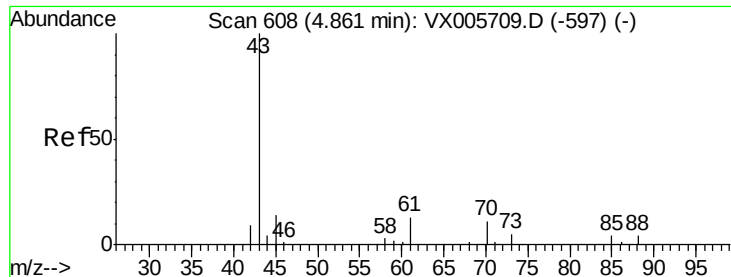
#36
 1,1-Dichloropropene
 Concen: 47.889 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion: 75 Resp: 124455
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.4 52.2
 77 31.9 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: 48.032 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

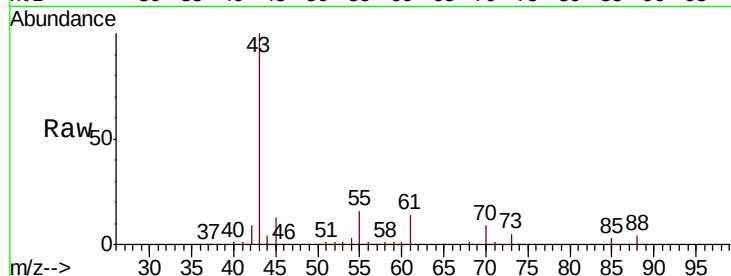
Tot Ion: 43 Resp: 159252

Ion Ratio Lower Upper

43 100

61 14.5 10.8 16.2

70 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX005709.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005709.D (-597) (-)

200000

150000

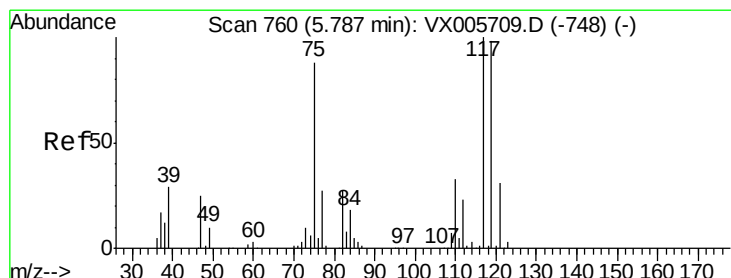
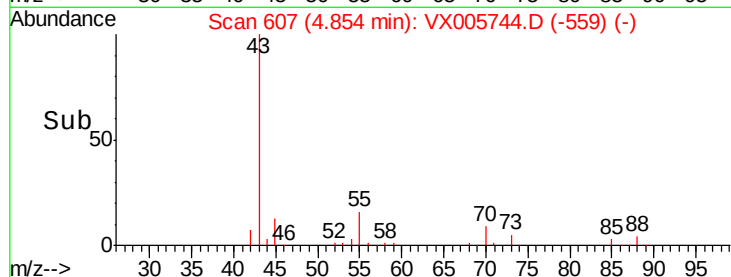
100000

50000

0

4.70 4.80 4.90 5.00

Time-->



#38

Carbon Tetrachloride

Concen: 50.012 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

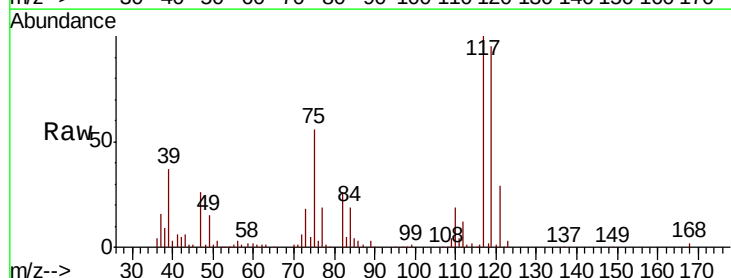
Tgt Ion: 117 Resp: 117427

Ion Ratio Lower Upper

117 100

119 94.5 78.1 117.1

121 29.2 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): VX005709.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005709.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005709.D (-748) (-)

50000

40000

30000

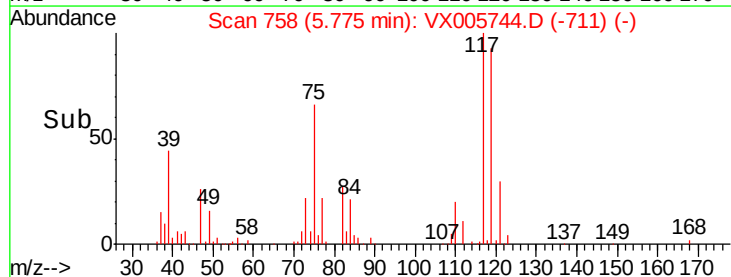
20000

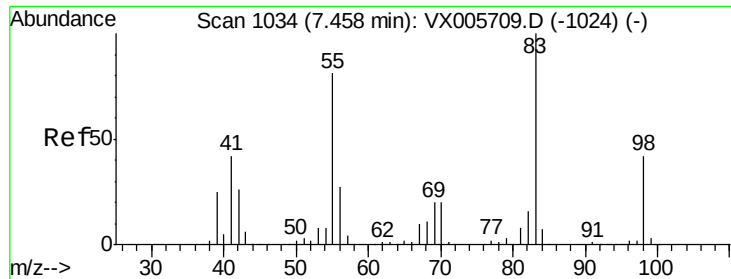
10000

0

5.70 5.80 5.90

Time-->

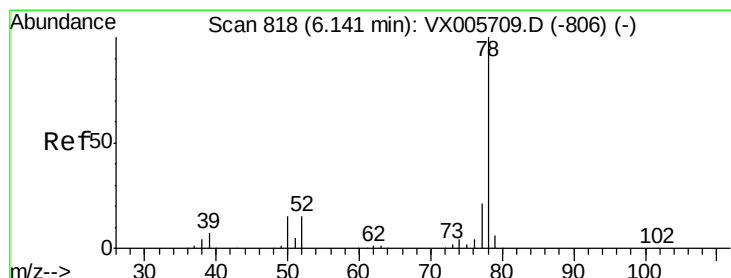
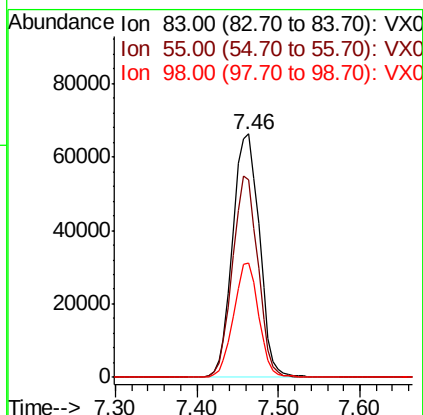
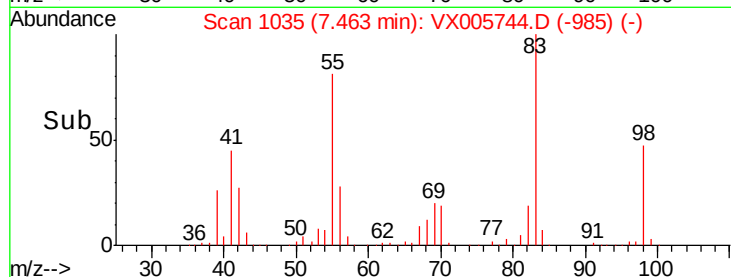
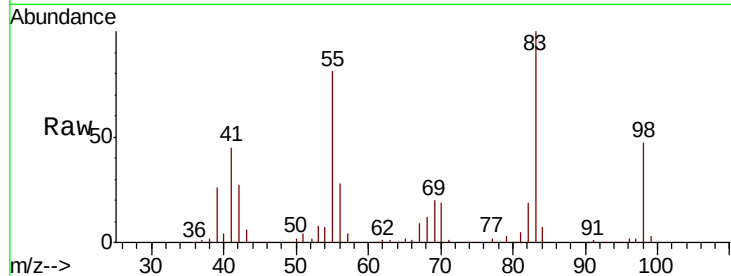




#39
Methylvlcyclohexane
Concen: 55.389 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

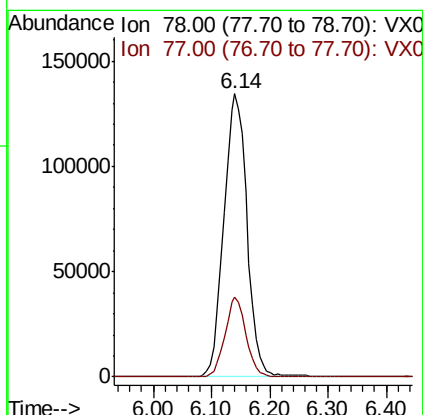
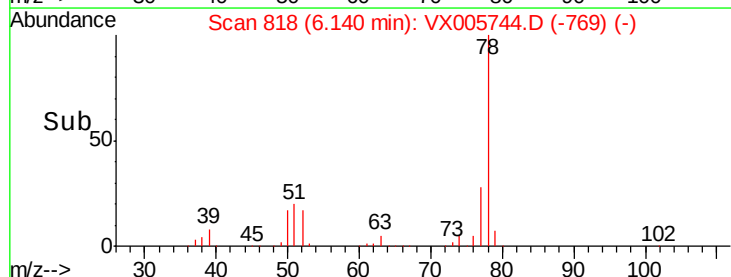
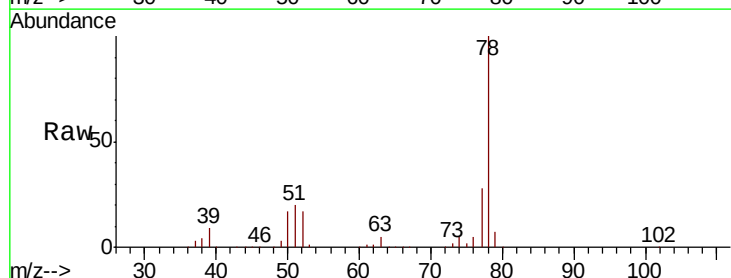
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

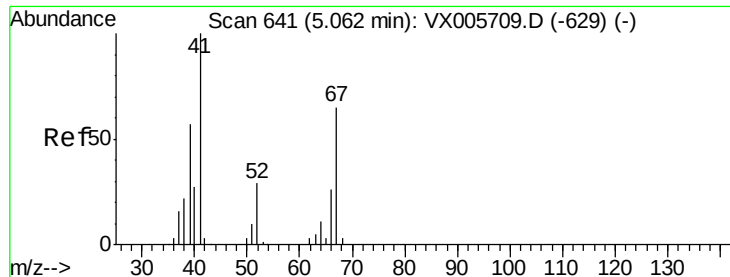
Tot Ion: 83 Resp: 150125
Ion Ratio Lower Upper
83 100
55 81.4 63.7 95.5
98 47.0 36.2 54.2



#40
Benzene
Concen: 48.103 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion: 78 Resp: 371913
Ion Ratio Lower Upper
78 100
77 28.4 18.4 27.6#

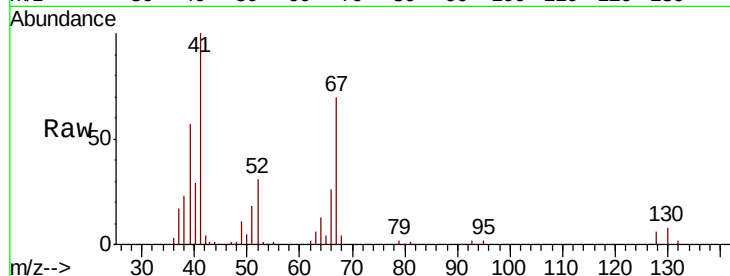




#41
Methacrylonitrile
Concen: 47.835 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	85696
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.2	63.2
67	71.2	53.4	80.0
52	30.9	23.4	35.2



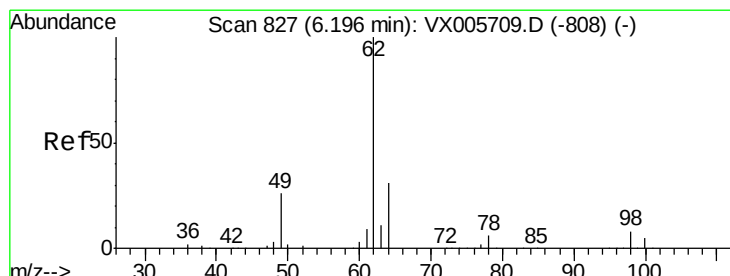
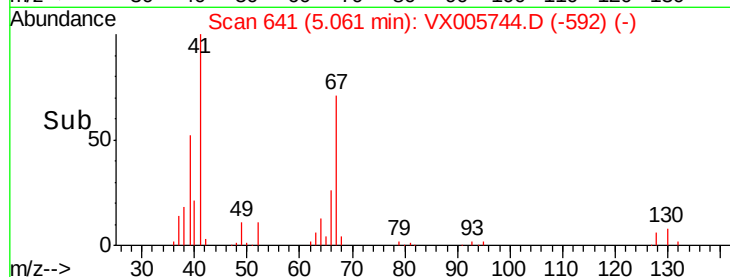
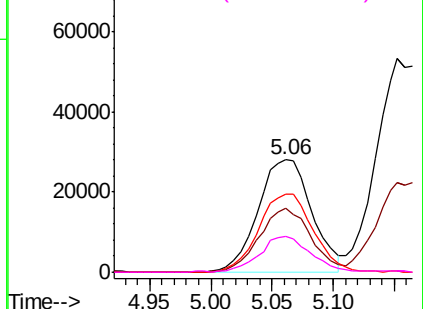
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

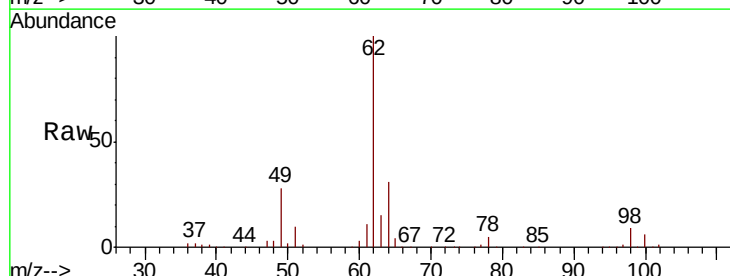
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.370 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

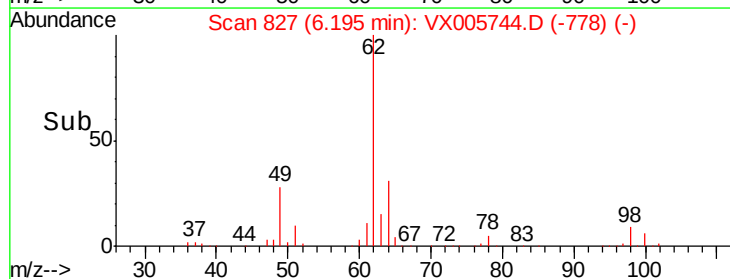
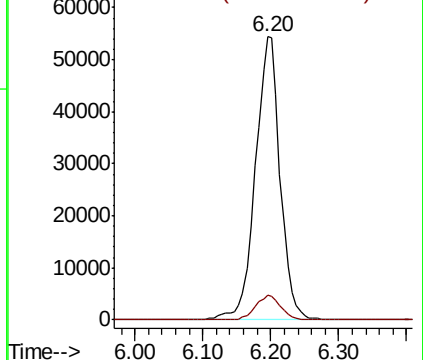
Tgt Ion:	62	Resp:	138233
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8

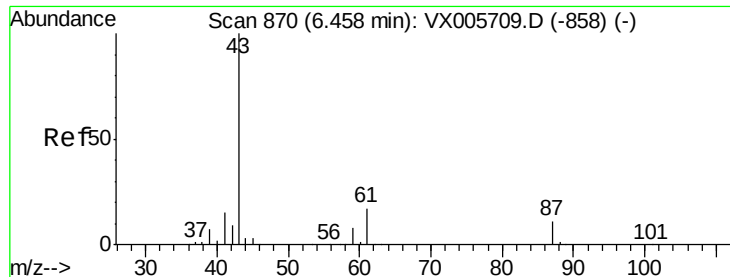


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.438 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

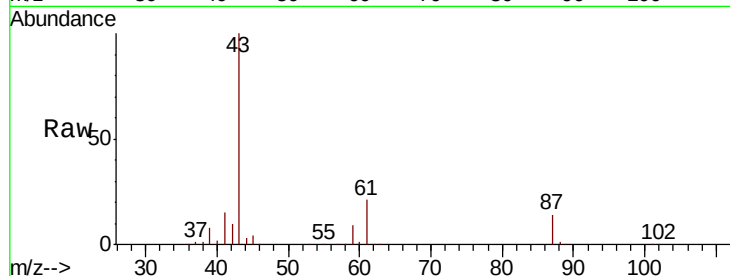
Tot Ion: 43 Resp: 242723

Ion Ratio Lower Upper

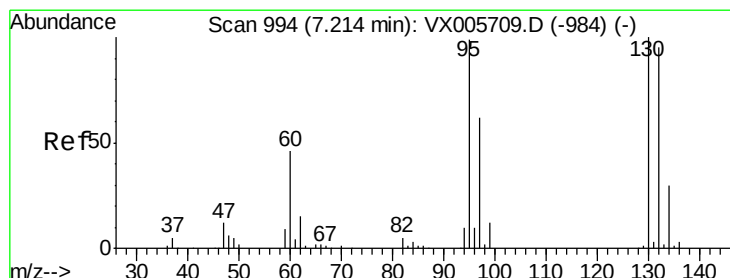
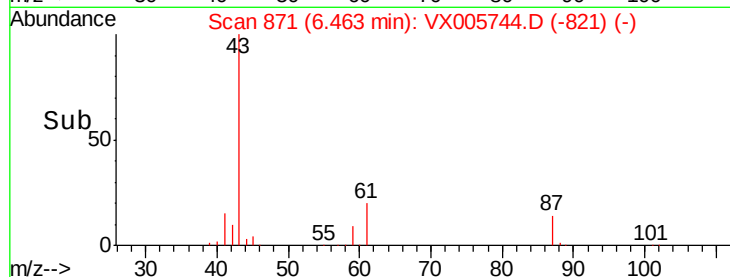
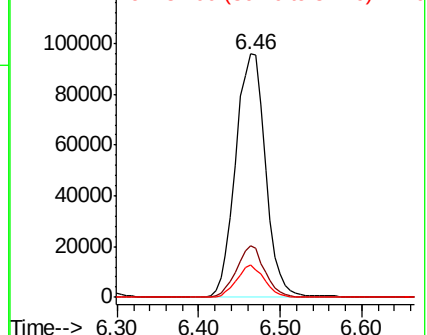
43 100

61 19.9 14.6 22.0

87 12.3 9.6 14.4



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



#44

Trichloroethene

Concen: 49.022 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005744.D

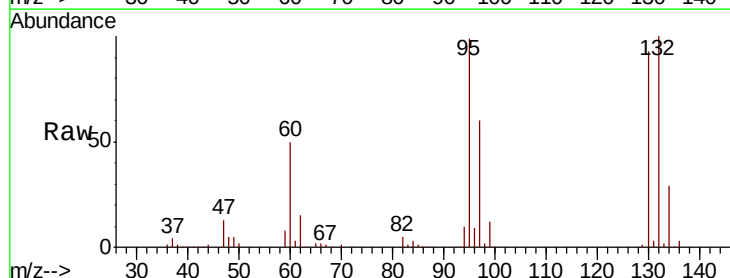
Acq: 02 Nov 2018 09:37

Tgt Ion:130 Resp: 87658

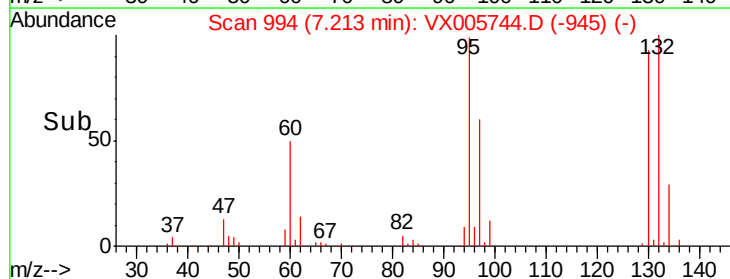
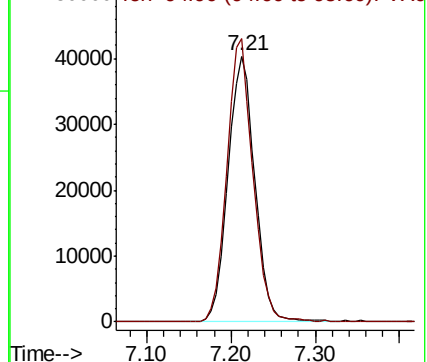
Ion Ratio Lower Upper

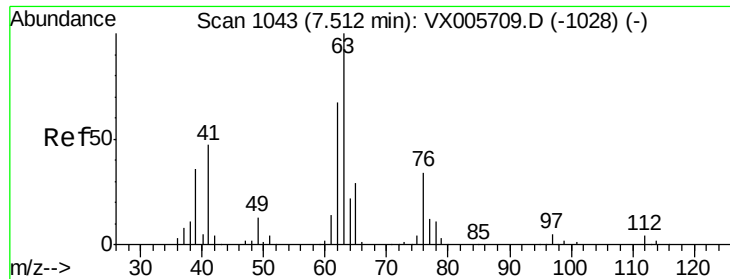
130 100

95 106.5 0.0 194.2



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

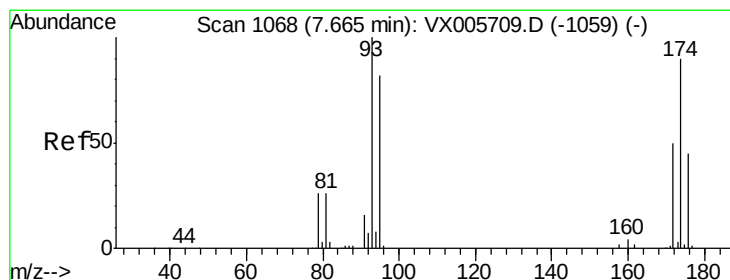
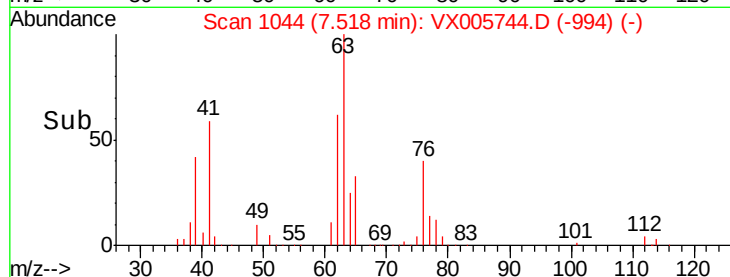
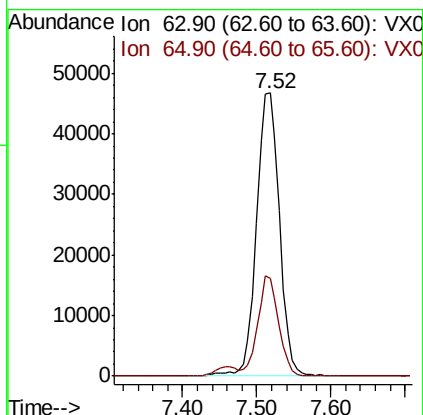
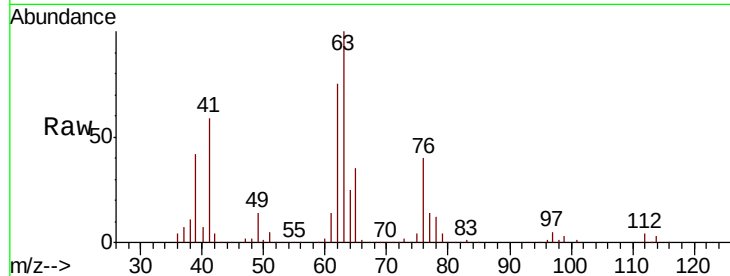




#45
 1,2-Dichloropropane
 Concen: 51.087 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

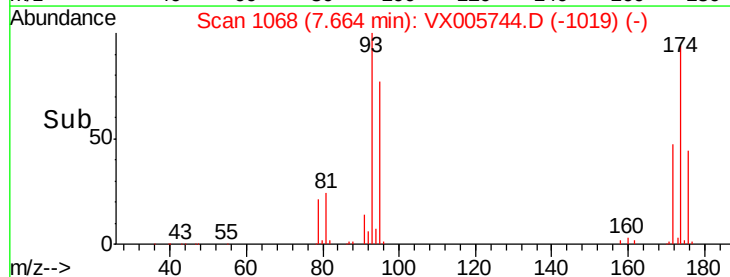
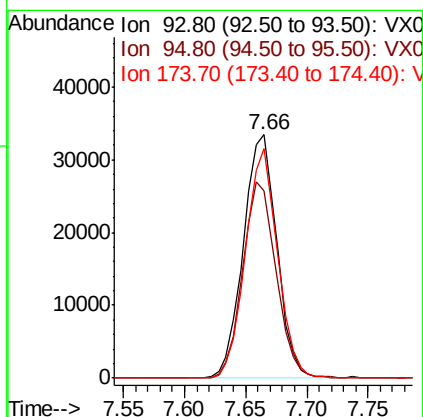
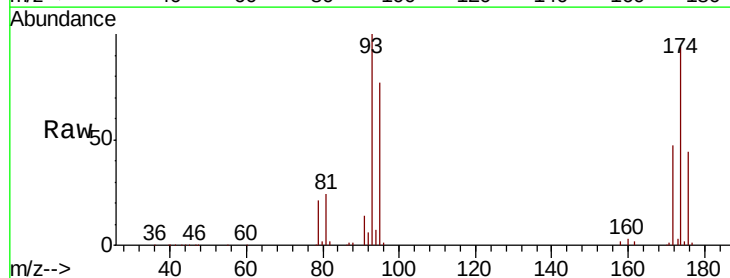
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

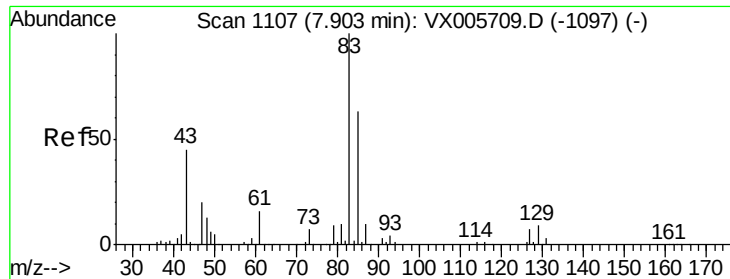
Tot Ion: 63 Resp: 101219
 Ion Ratio Lower Upper
 63 100
 65 34.7 24.8 37.2



#46
 Dibromomethane
 Concen: 50.594 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion: 93 Resp: 64063
 Ion Ratio Lower Upper
 93 100
 95 80.5 67.4 101.0
 174 90.4 91.5 137.3#





#47

Bromodichloromethane

Concen: 50.709 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

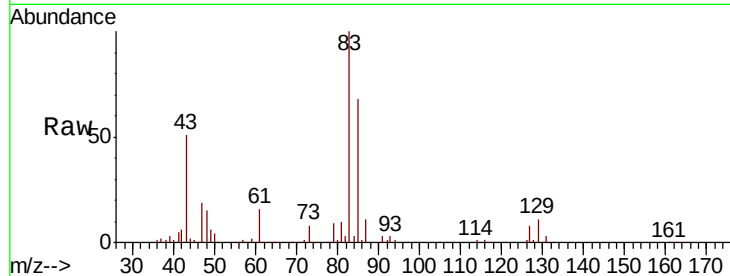
Tot Ion: 83 Resp: 120439

Ion Ratio Lower Upper

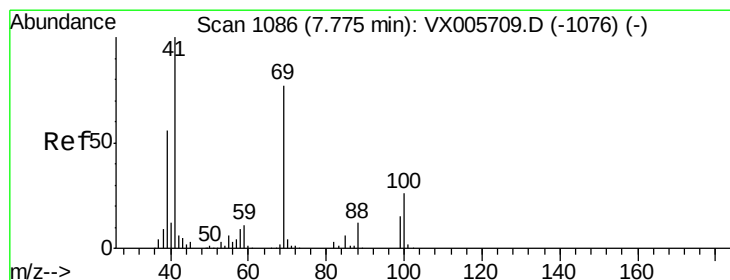
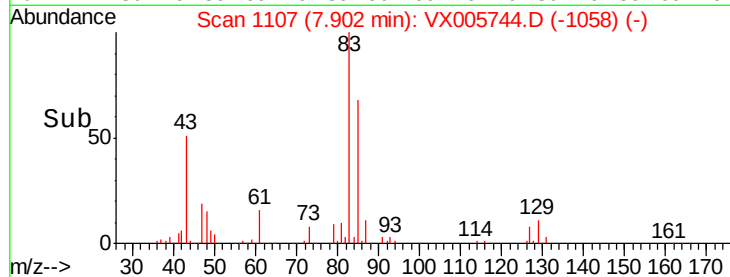
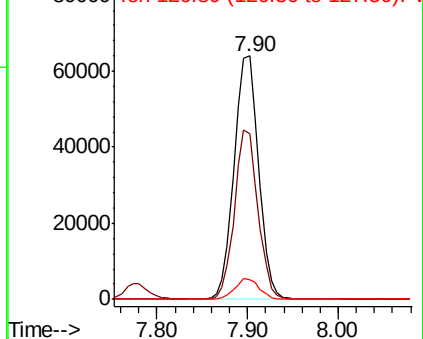
83 100

85 67.9 50.2 75.4

127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.908 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

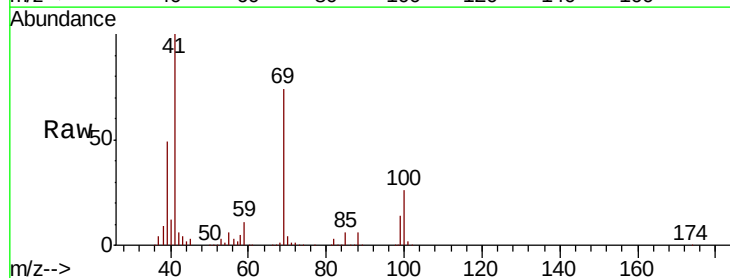
Tgt Ion: 41 Resp: 127888

Ion Ratio Lower Upper

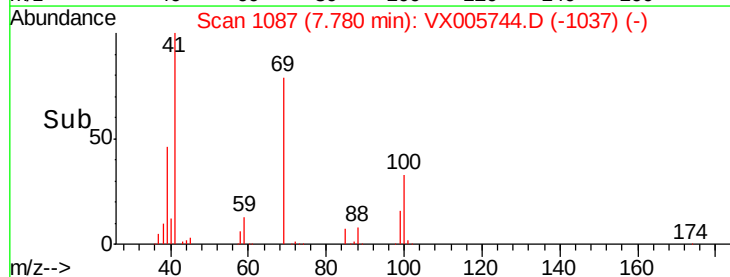
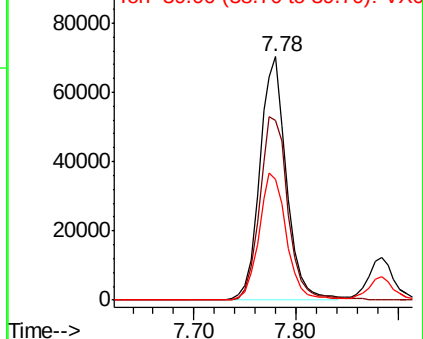
41 100

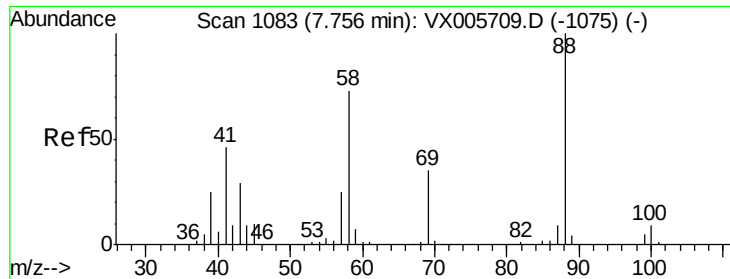
69 80.7 63.2 94.8

39 53.8 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

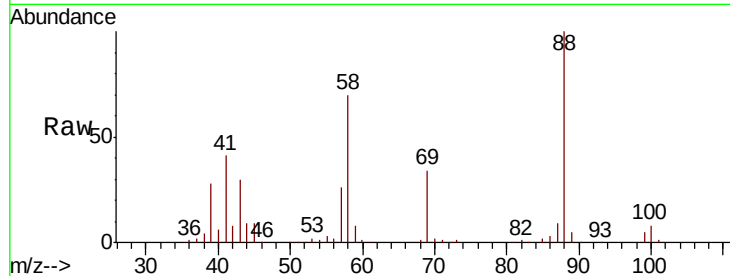




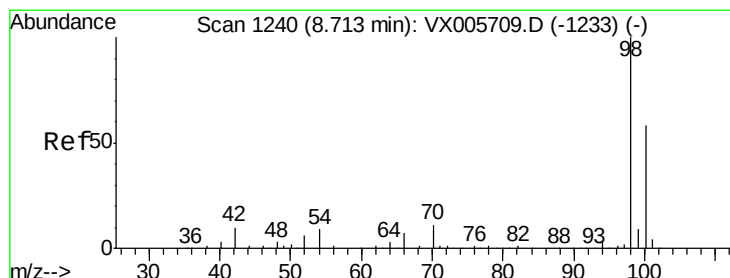
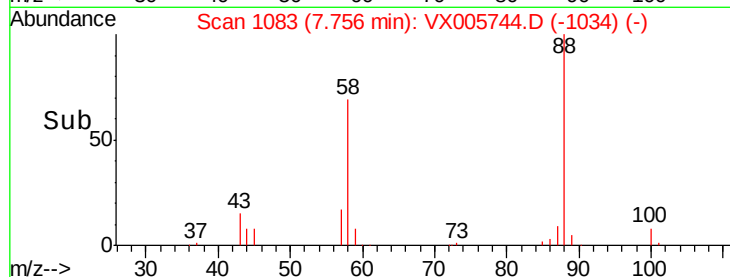
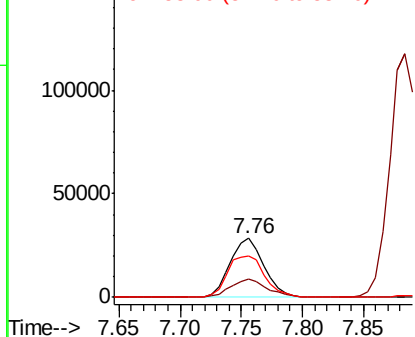
#49
1,4-Dioxane
Concen: 1059.192 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 54934
Ion Ratio Lower Upper
88 100
43 33.0 27.4 41.0
58 76.7 59.4 89.2

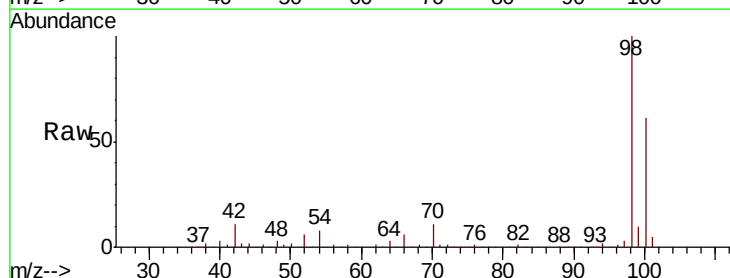


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

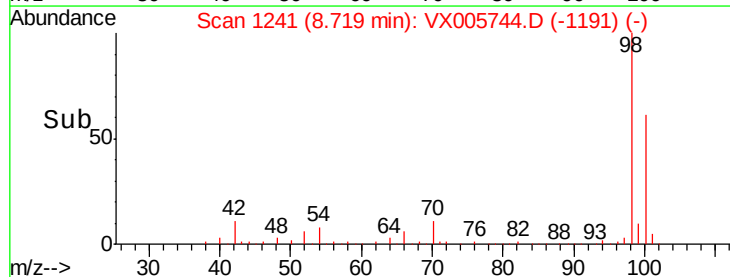
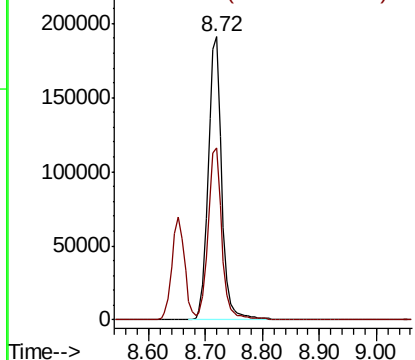


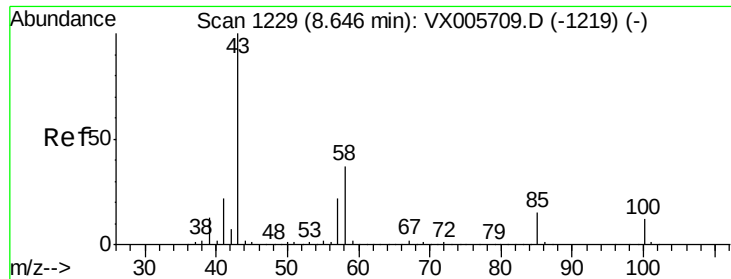
#50
Toluene-d8
Concen: 53.607 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion: 98 Resp: 317555
Ion Ratio Lower Upper
98 100
100 61.8 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: 249.672 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

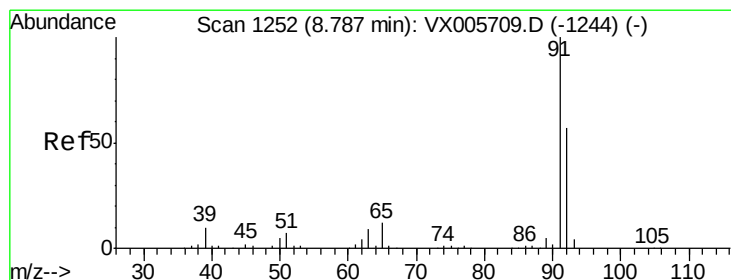
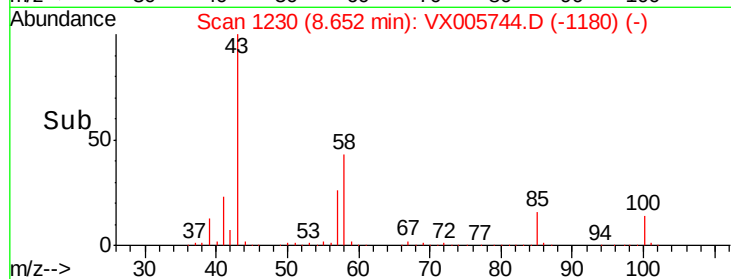
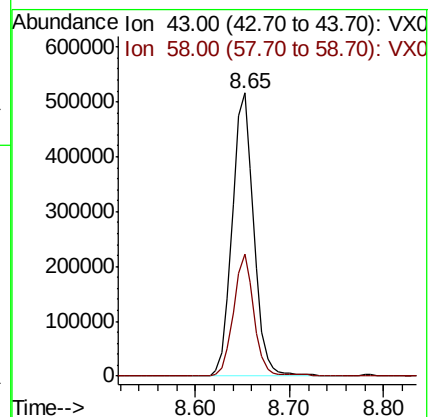
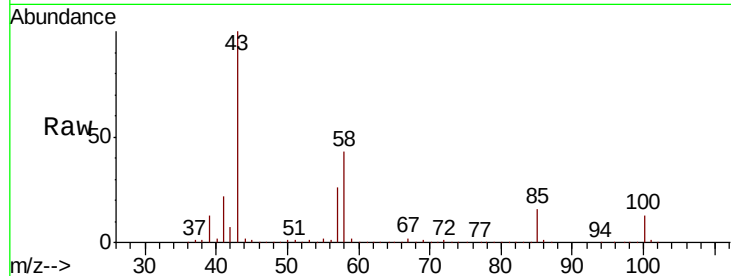
VSTDCCC050

Tot Ion: 43 Resp: 819251

Ion Ratio Lower Upper

43 100

58 41.2 29.7 44.5



#52

Toluene

Concen: 51.366 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005744.D

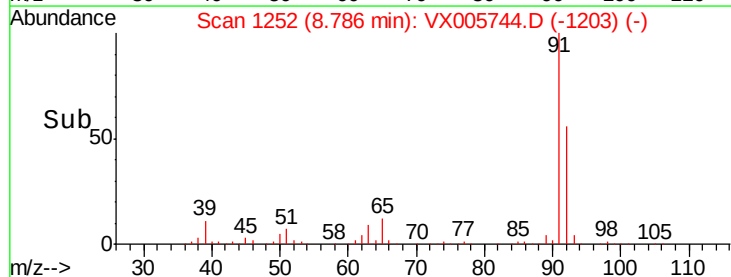
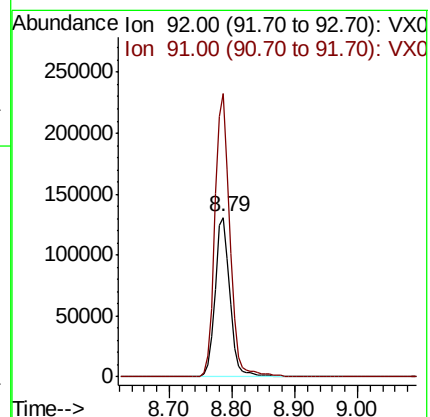
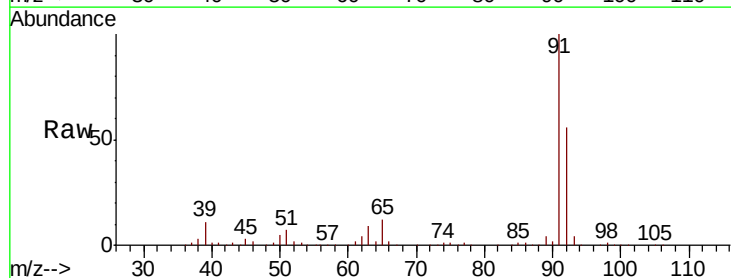
Acq: 02 Nov 2018 09:37

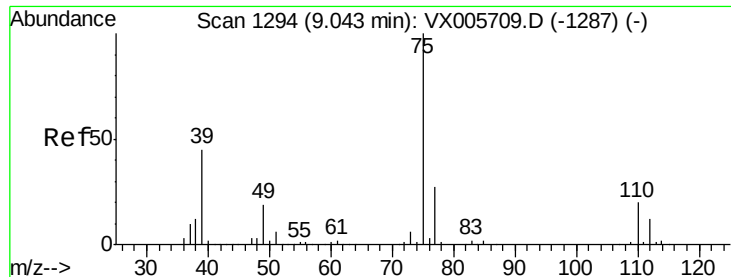
Tgt Ion: 92 Resp: 214809

Ion Ratio Lower Upper

92 100

91 179.7 140.4 210.6

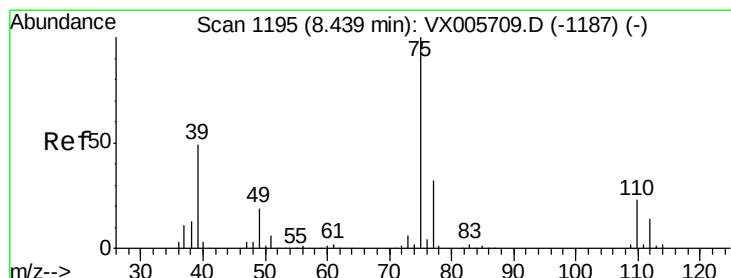
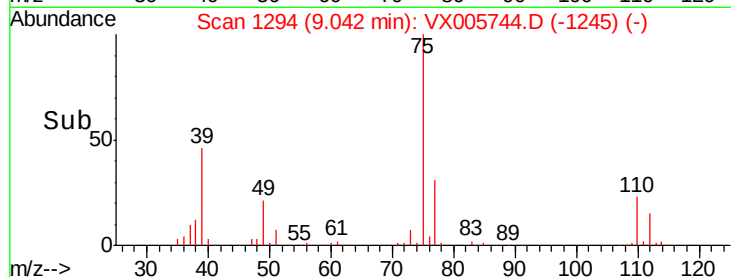
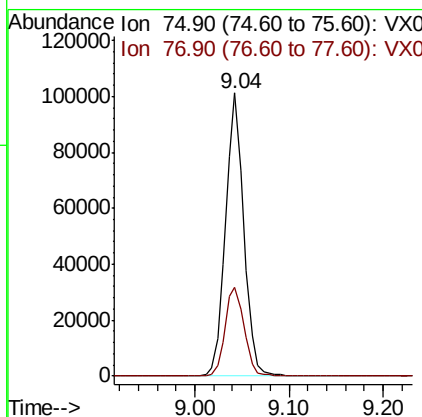
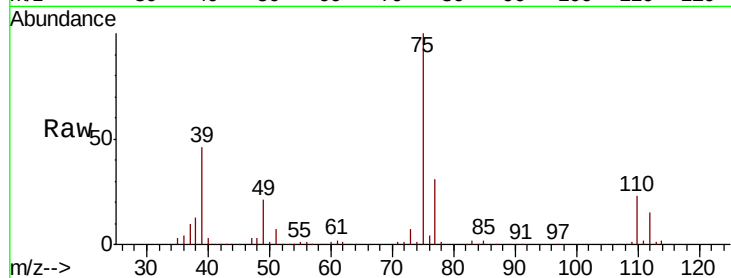




#53
 t-1,3-Dichloropropene
 Concen: 52.722 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

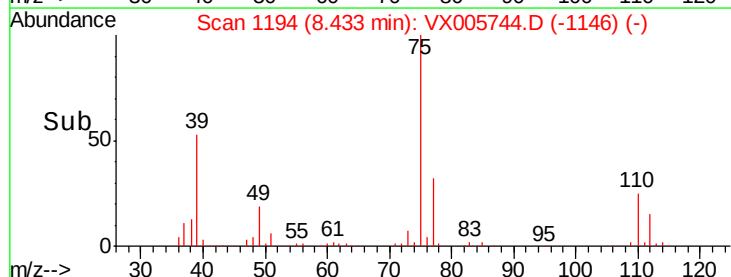
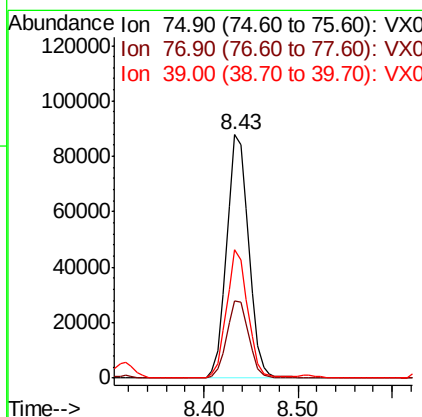
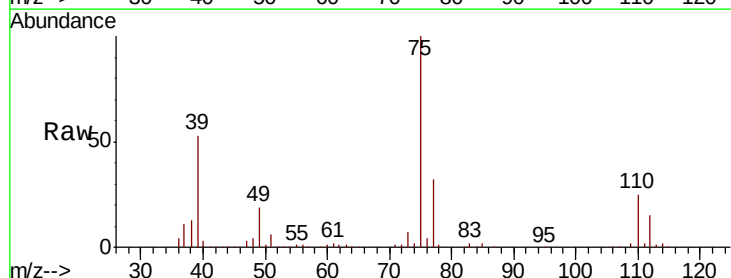
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

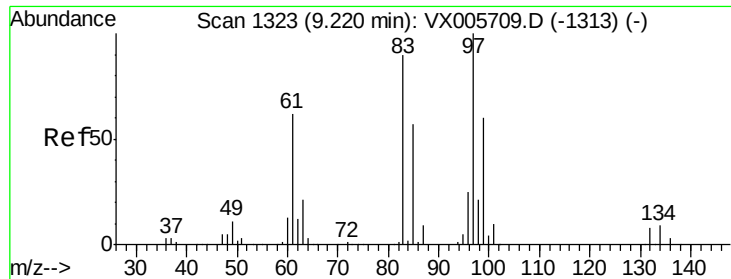
Tot Ion: 75 Resp: 135704
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.613 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion: 75 Resp: 142333
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8
 39 52.6 38.2 57.2

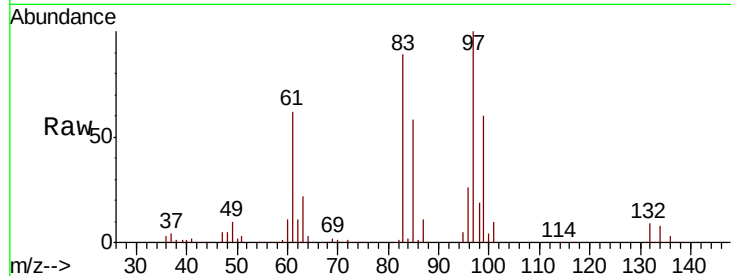




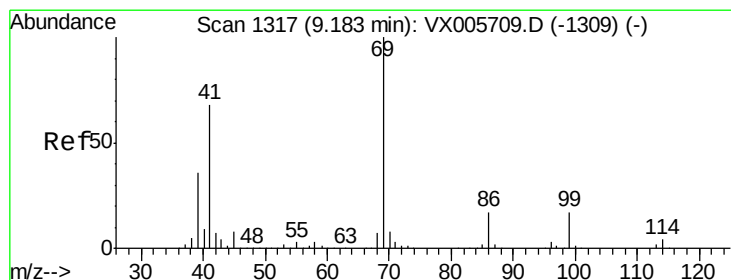
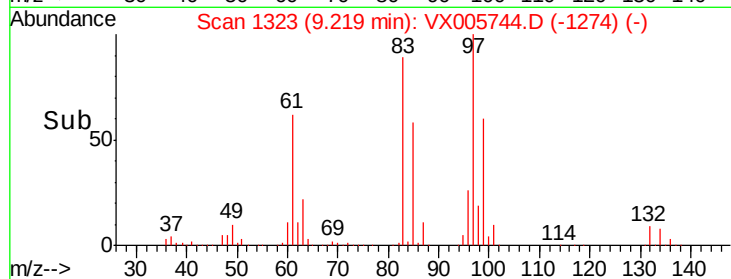
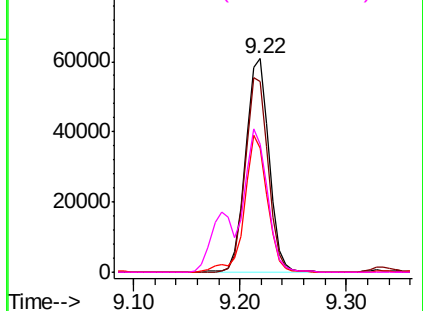
#55
 1,1,2-Trichloroethane
 Concen: 51.882 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	94225
Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.7	106.1
85	58.3	45.8	68.6
99	59.6	51.8	77.8

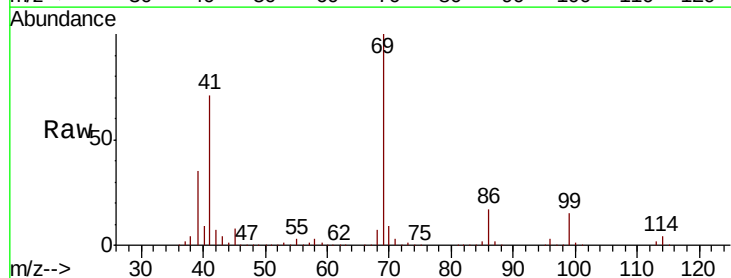


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

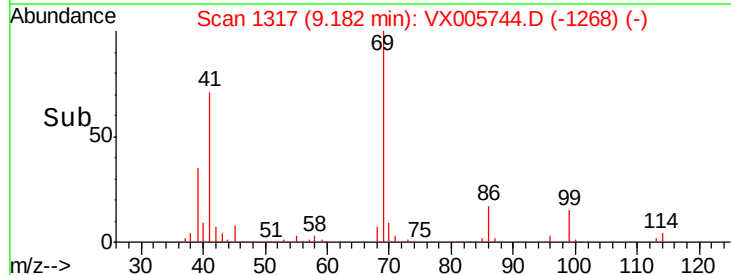
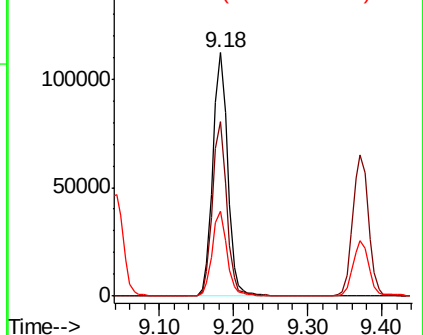


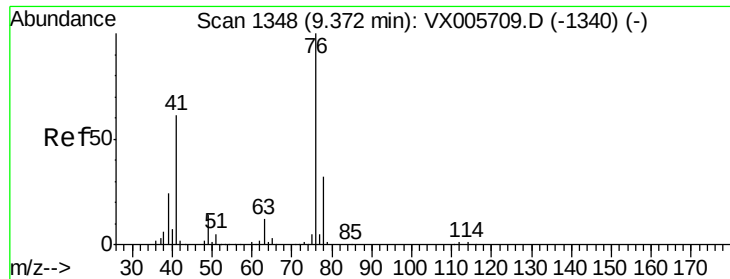
#56
 Ethyl methacrylate
 Concen: 49.958 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion:	69	Resp:	154006
Ion	Ratio	Lower	Upper
69	100		
41	68.9	57.0	85.6
39	34.5	28.3	42.5



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





#57

1,3-Dichloropropane

Concen: 53.094 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

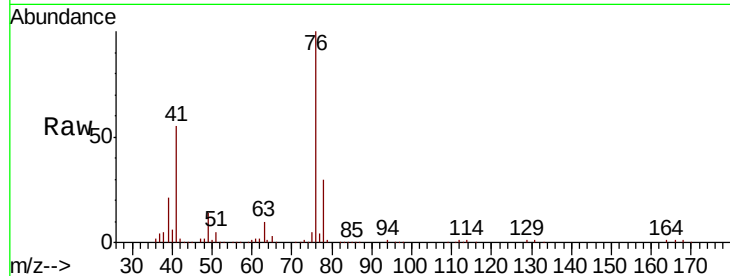
VSTDCCC050

Tot Ion: 76 Resp: 165637

Ion Ratio Lower Upper

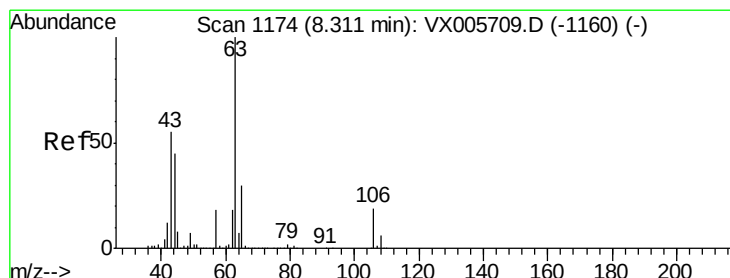
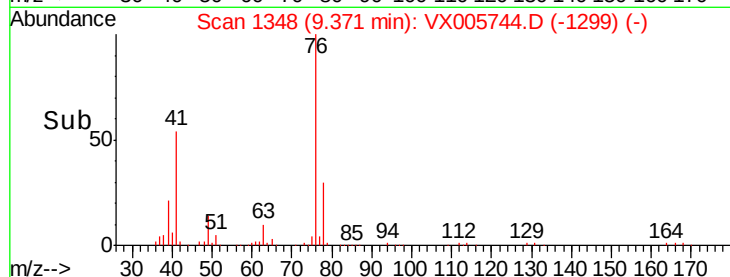
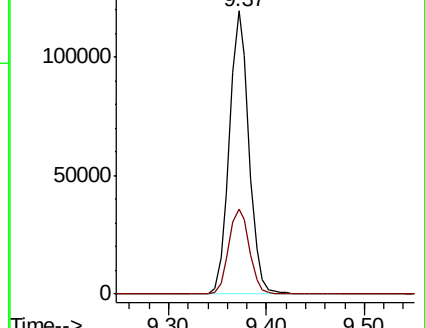
76 100

78 31.8 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 266.704 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005744.D

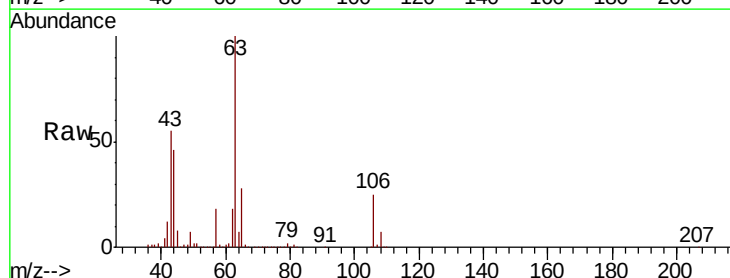
Acq: 02 Nov 2018 09:37

Tgt Ion: 63 Resp: 468249

Ion Ratio Lower Upper

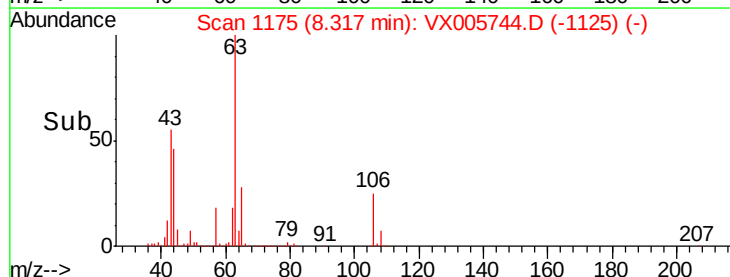
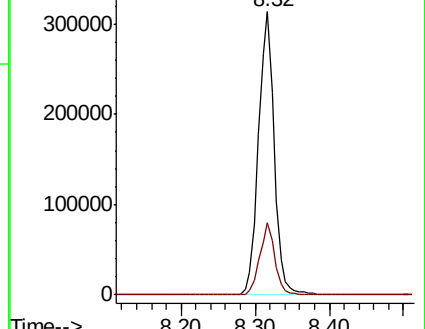
63 100

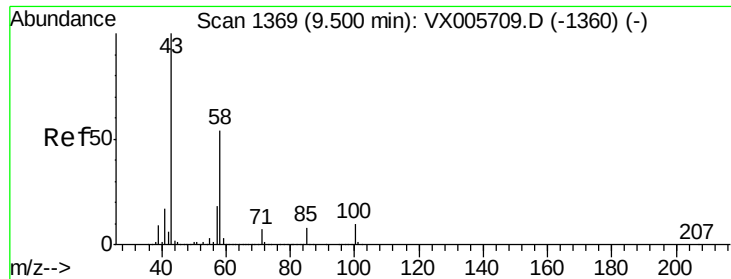
106 24.5 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

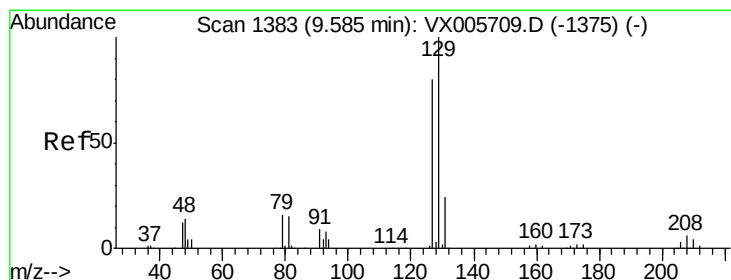
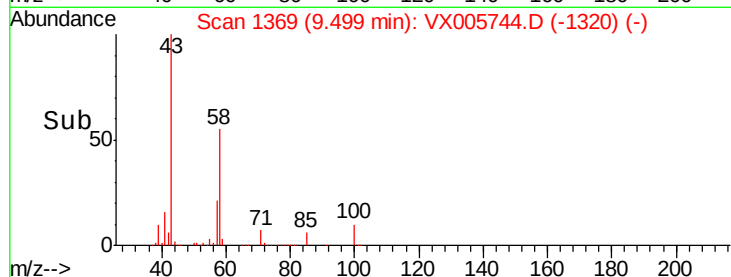
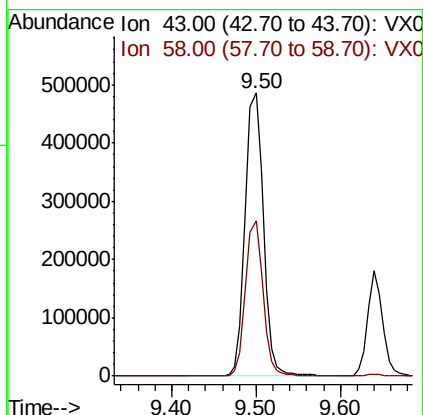
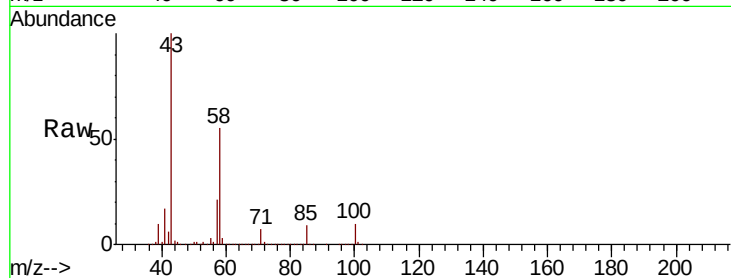




#59
2-Hexanone
Concen: 262.374 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

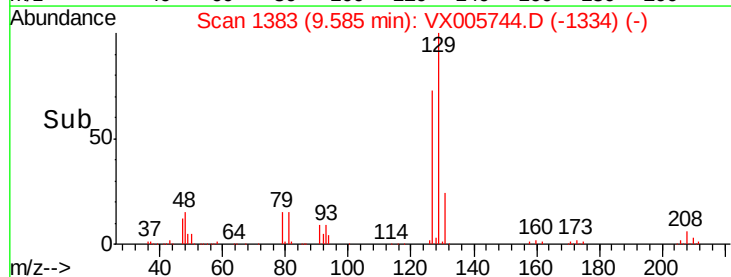
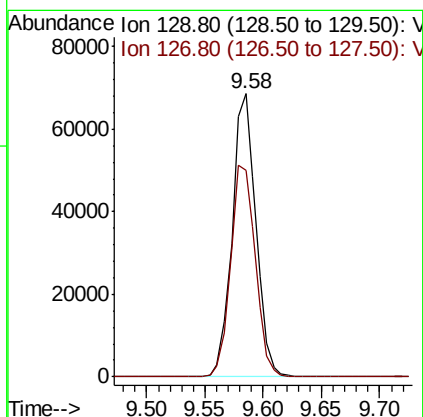
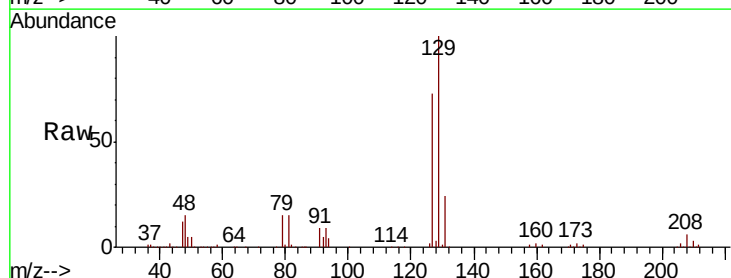
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

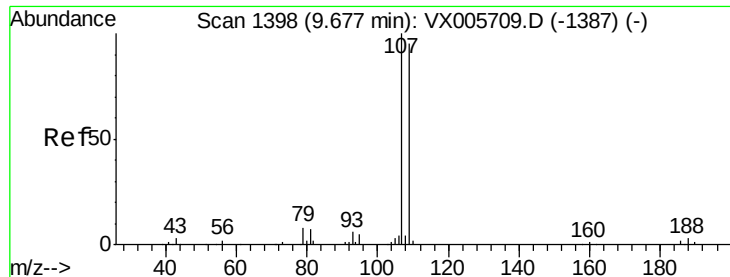
Tot Ion: 43 Resp: 700627
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.8



#60
Dibromochloromethane
Concen: 55.456 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion:129 Resp: 97323
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.311 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

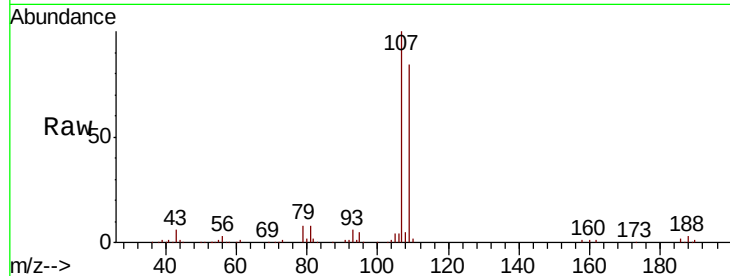
VSTDCCC050

Tot Ion:107 Resp: 96807

Ion Ratio Lower Upper

107 100

109 94.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

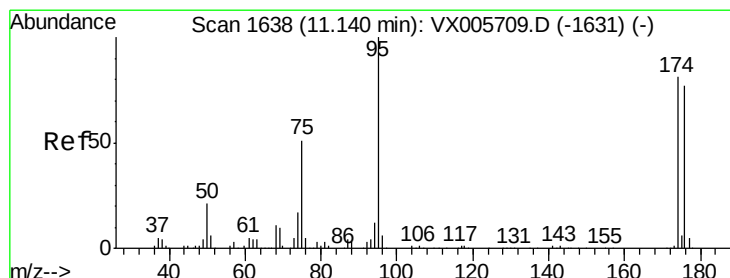
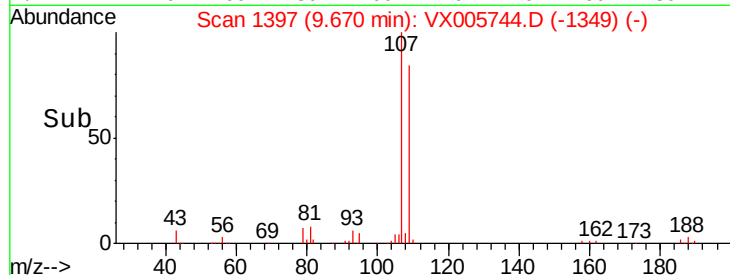
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 53.280 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

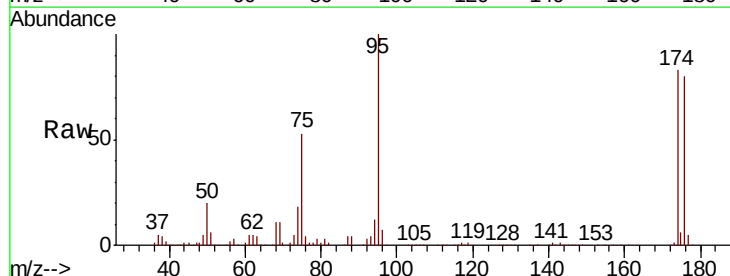
Tgt Ion: 95 Resp: 116484

Ion Ratio Lower Upper

95 100

174 78.3 0.0 184.4

176 76.7 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

120000

100000

80000

60000

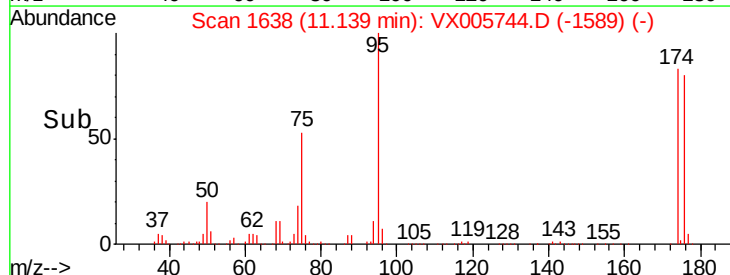
40000

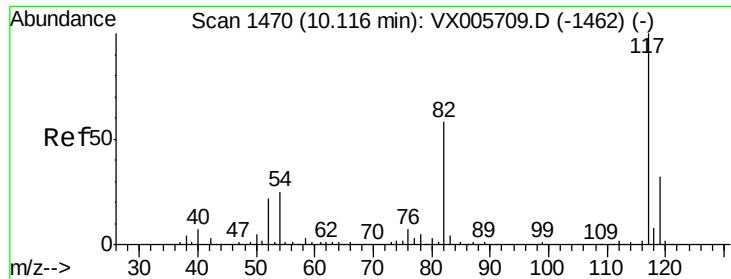
20000

0

11.10 11.20

Time-->

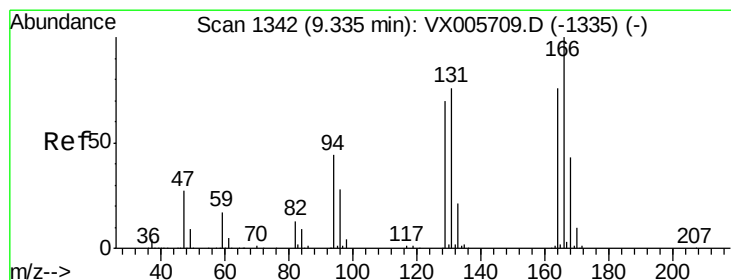
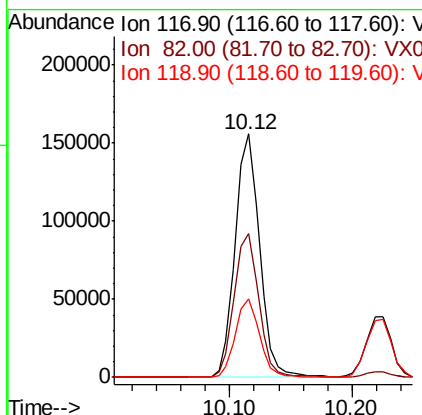
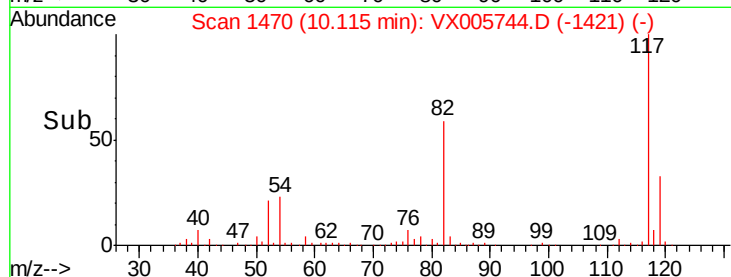
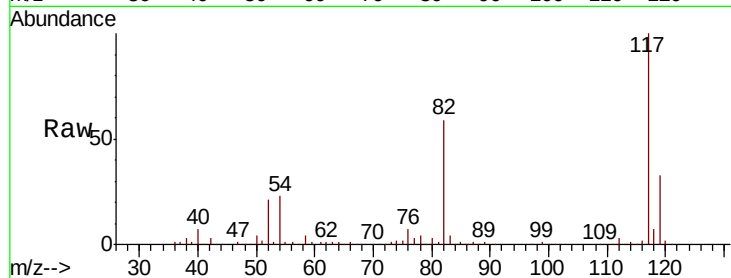




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

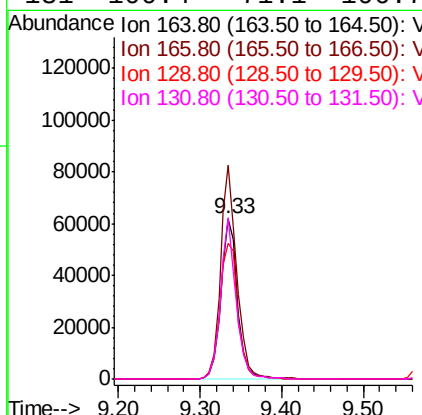
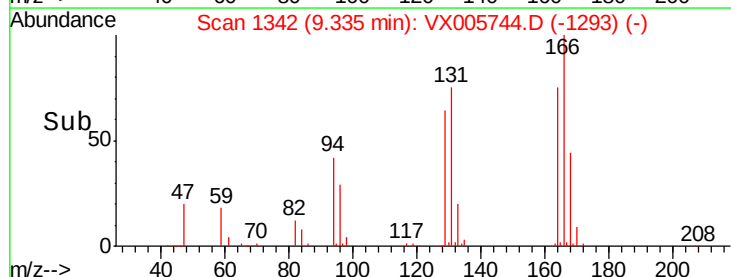
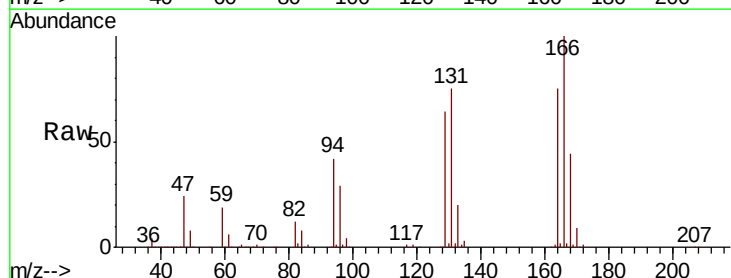
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

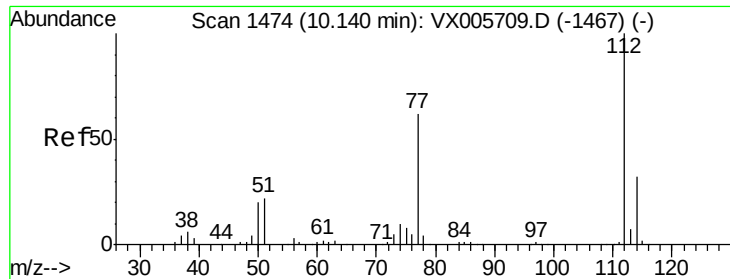
Tot Ion:117 Resp: 215939
Ion Ratio Lower Upper
117 100
82 59.0 44.1 66.1
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 55.359 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion:164 Resp: 87335
Ion Ratio Lower Upper
164 100
166 133.2 101.9 152.9
129 84.9 72.6 109.0
131 100.4 71.1 106.7

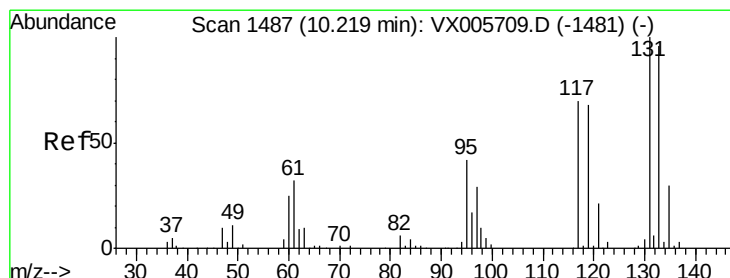
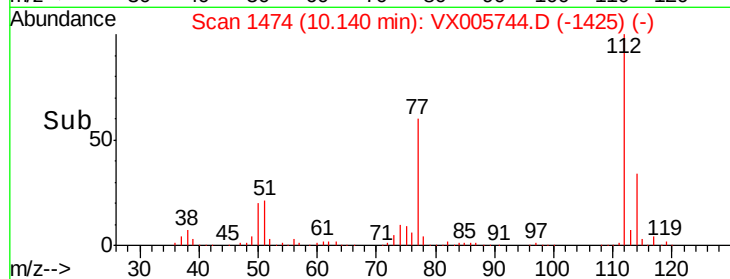
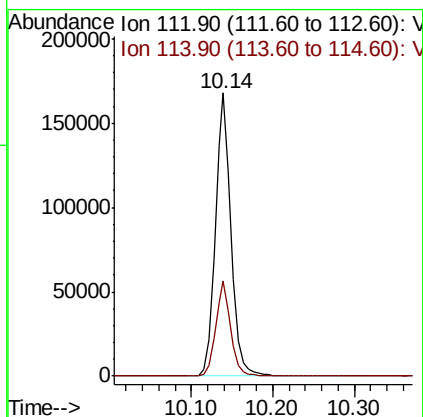
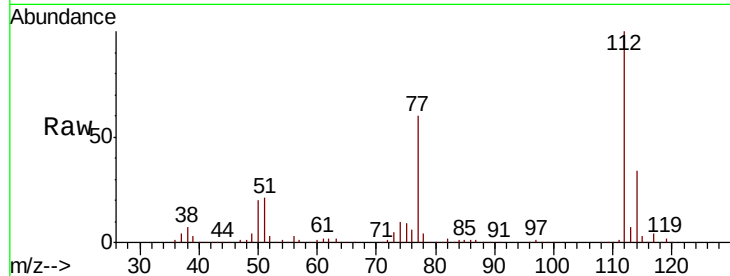




#65
Chlorobenzene
Concen: 49.603 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

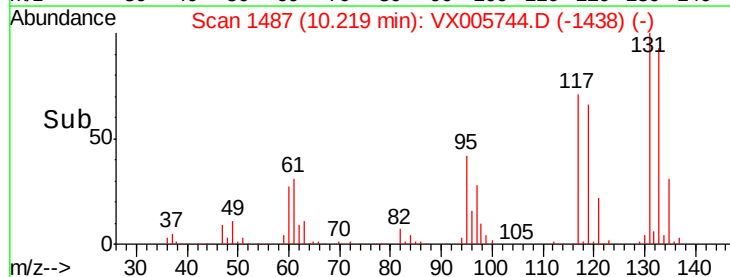
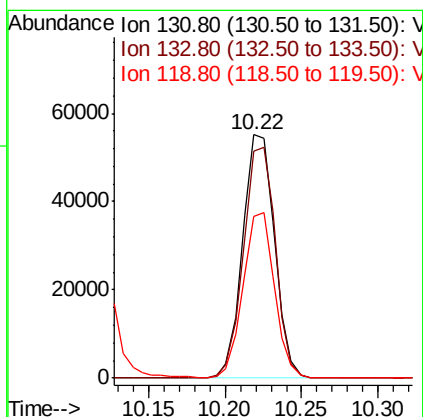
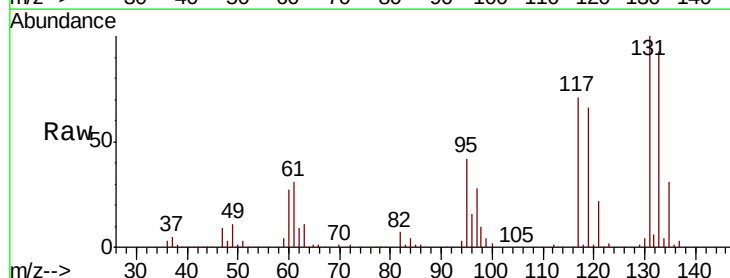
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

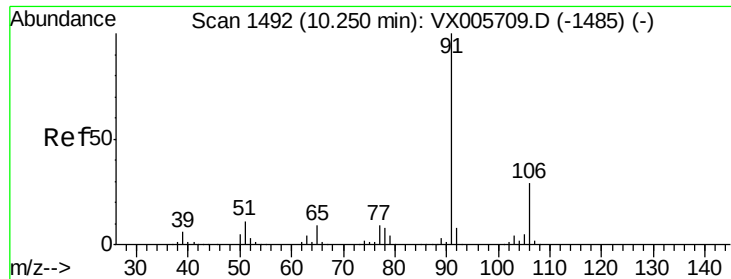
Tot Ion:112 Resp: 227612
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.971 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion:131 Resp: 80069
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 67.1 31.8 95.3

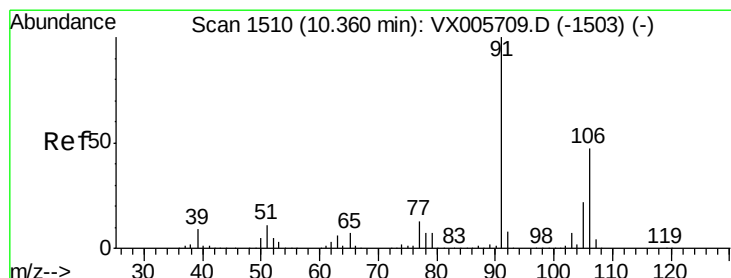
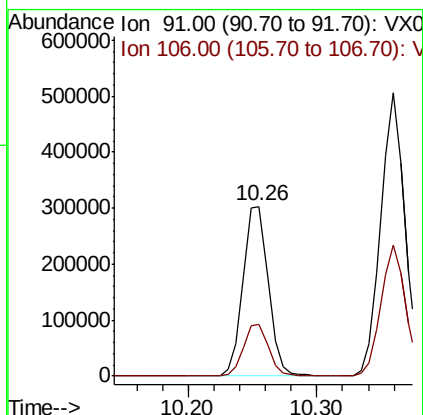
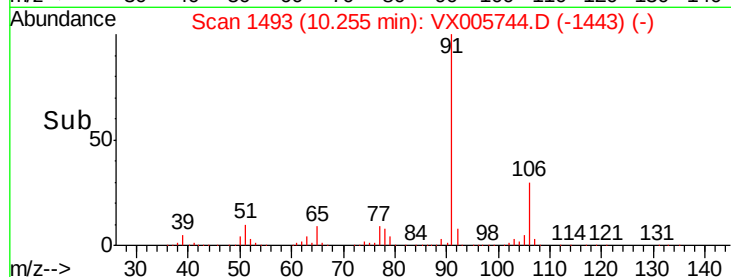
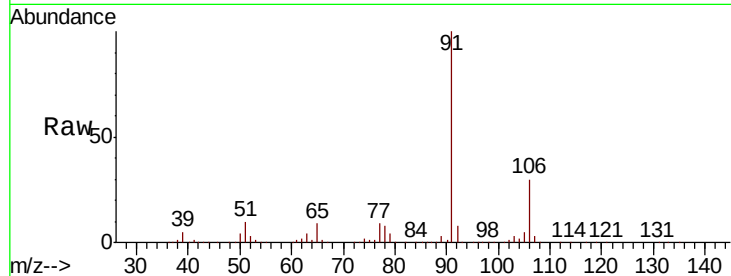




#67
Ethyl Benzene
Concen: 52.802 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

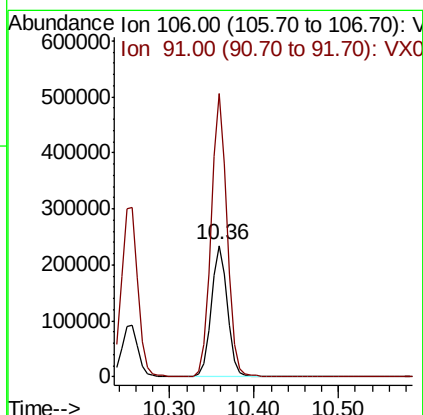
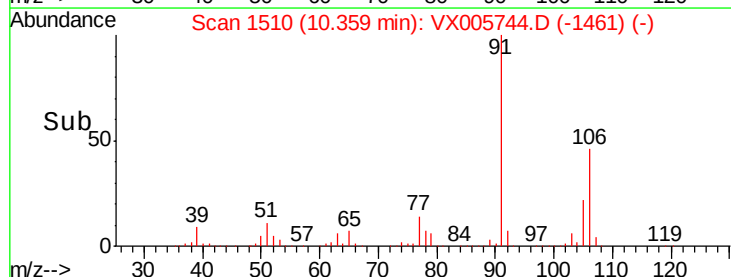
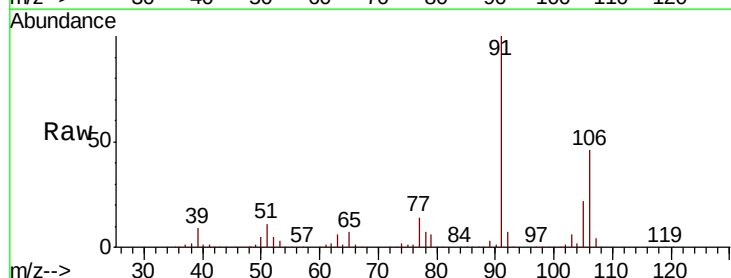
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

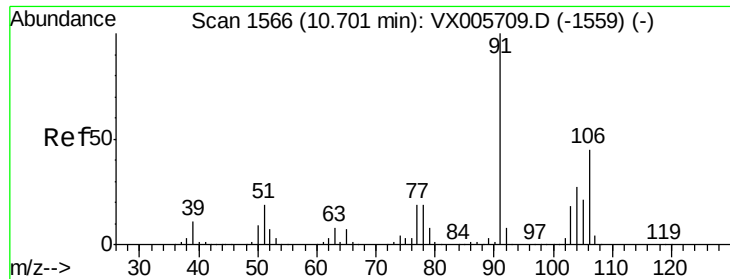
Tot Ion: 91 Resp: 413513
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#68
m/p-Xylenes
Concen: 106.812 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion: 106 Resp: 310825
Ion Ratio Lower Upper
106 100
91 212.6 164.2 246.4

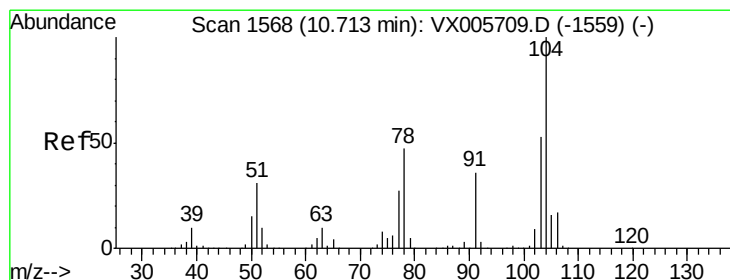
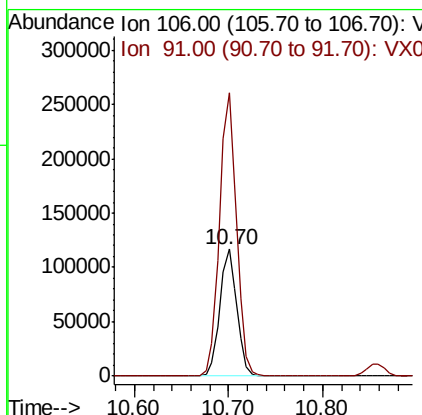
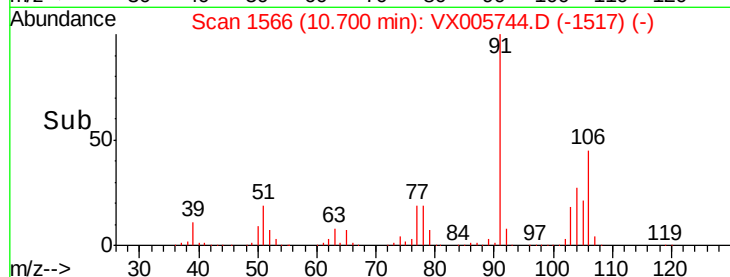
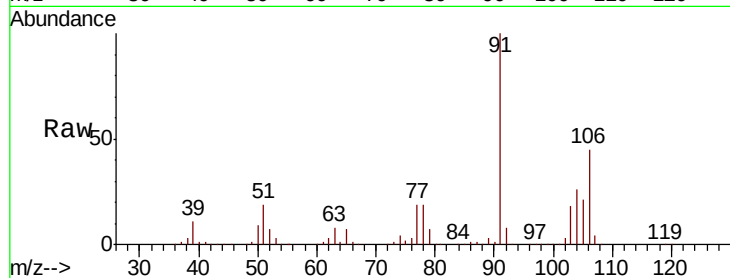




#69
o-Xylene
Concen: 52.860 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

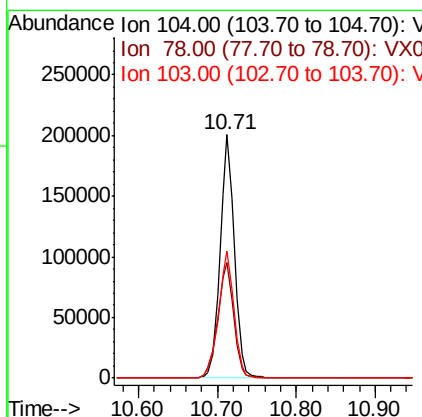
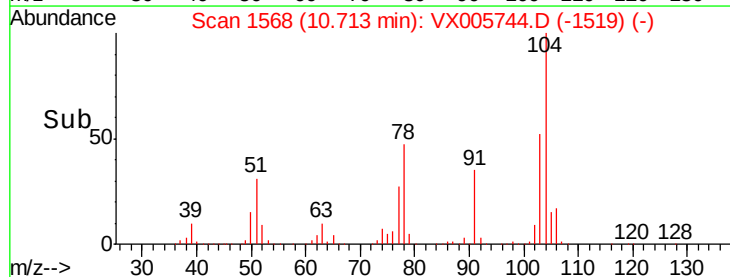
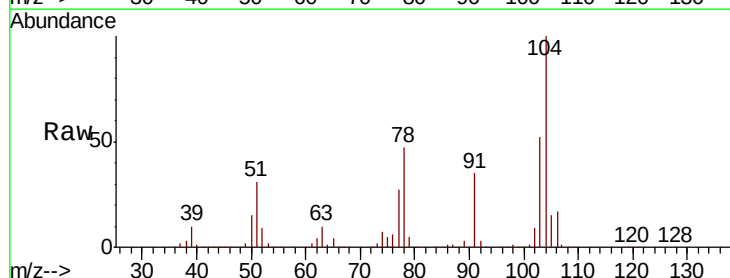
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

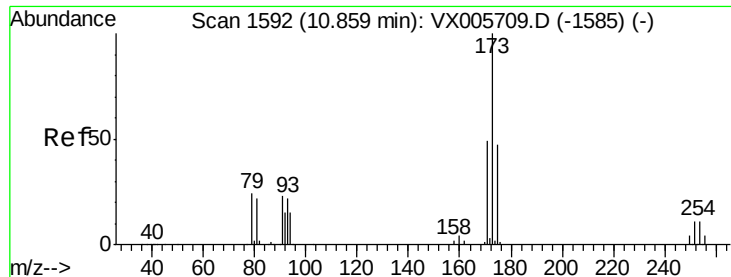
Tot Ion:106 Resp: 147122
Ion Ratio Lower Upper
106 100
91 222.7 108.5 325.5



#70
Styrene
Concen: 54.778 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005744.D
Acq: 02 Nov 2018 09:37

Tgt Ion:104 Resp: 253221
Ion Ratio Lower Upper
104 100
78 53.0 40.2 60.4
103 56.4 44.9 67.3





#71

Bromoform

Concen: 52.783 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

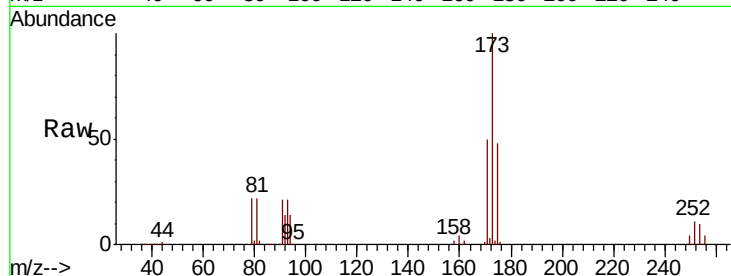
Tot Ion:173 Resp: 67181

Ion Ratio Lower Upper

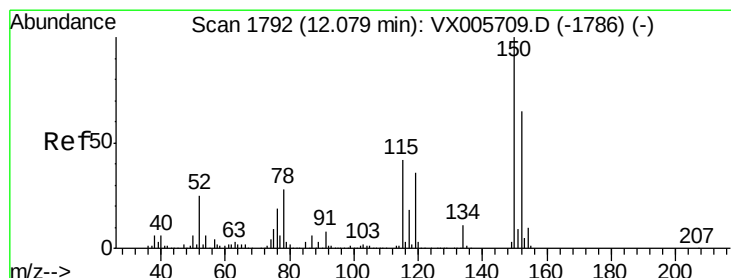
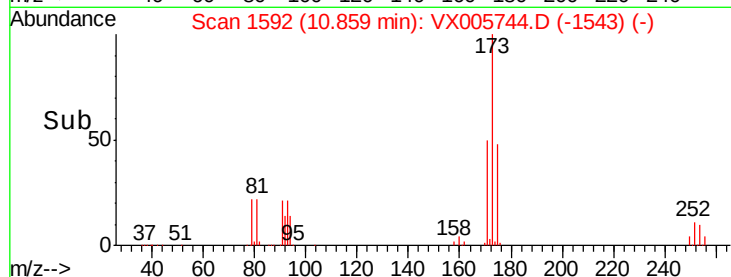
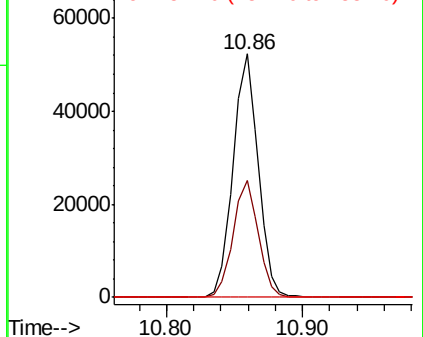
173 100

175 48.2 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: VX005744.D

Acq: 02 Nov 2018 09:37

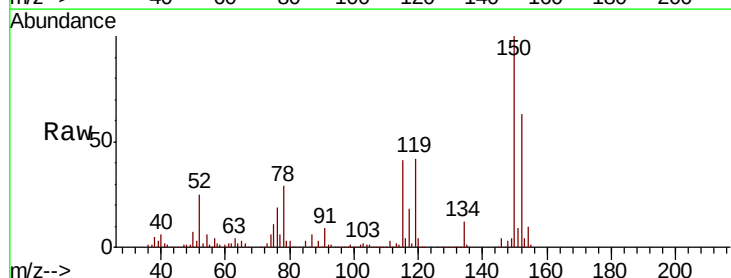
Tgt Ion:152 Resp: 117238

Ion Ratio Lower Upper

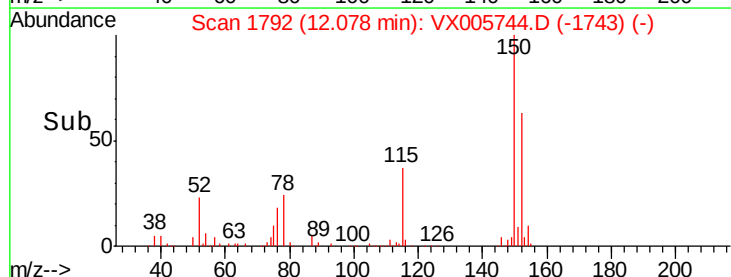
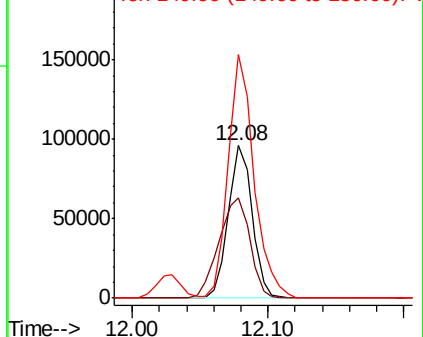
152 100

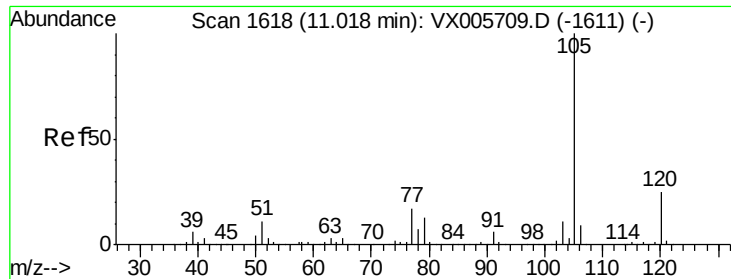
115 85.2 39.4 118.1

150 173.4 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: 52.570 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

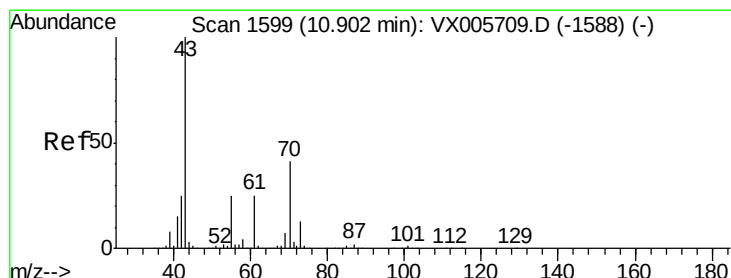
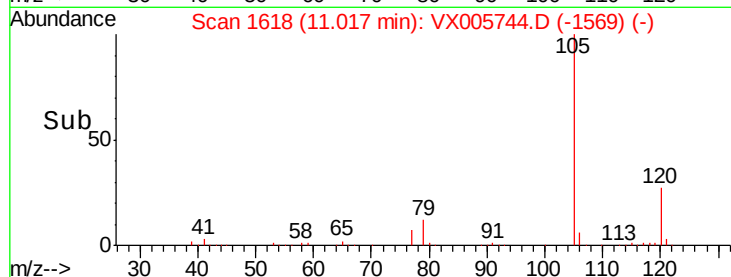
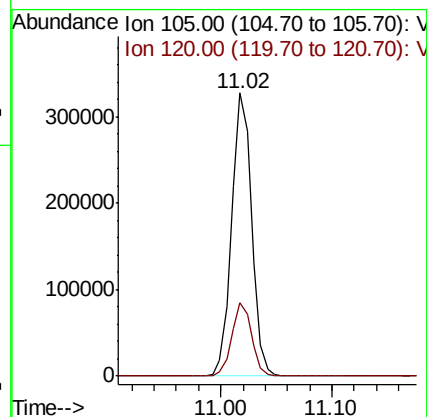
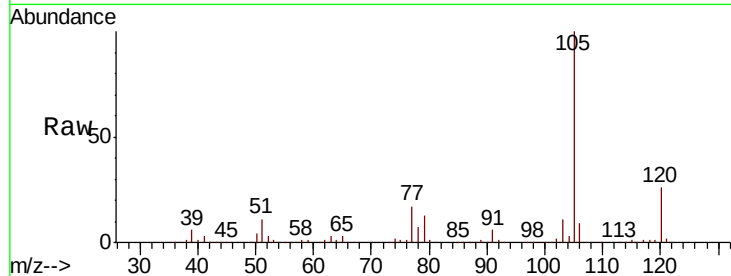
VSTDCCC050

Tot Ion:105 Resp: 406611

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.3



#74

N-ethyl acetate

Concen: 50.719 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Tgt Ion: 43 Resp: 208861

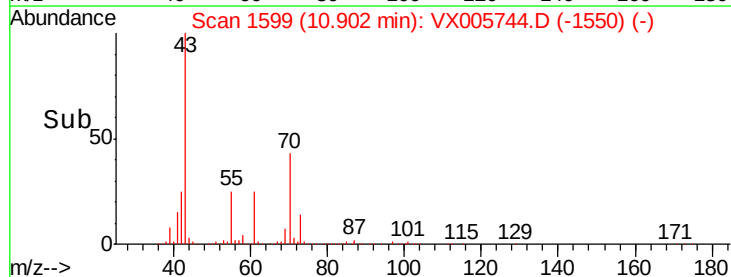
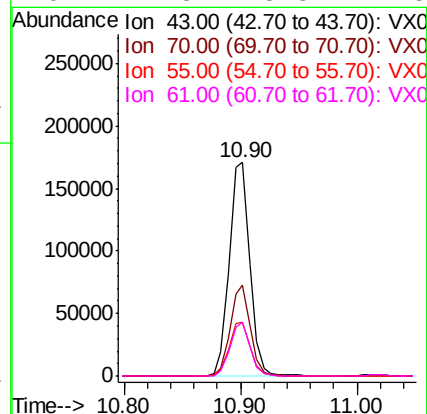
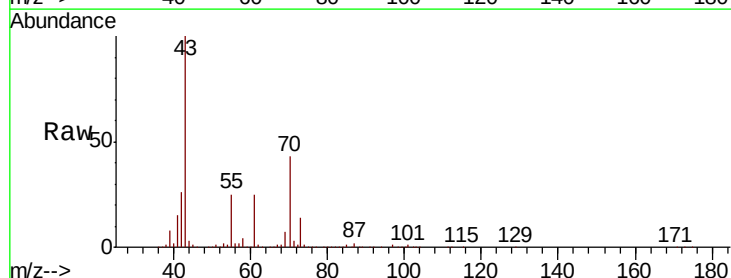
Ion Ratio Lower Upper

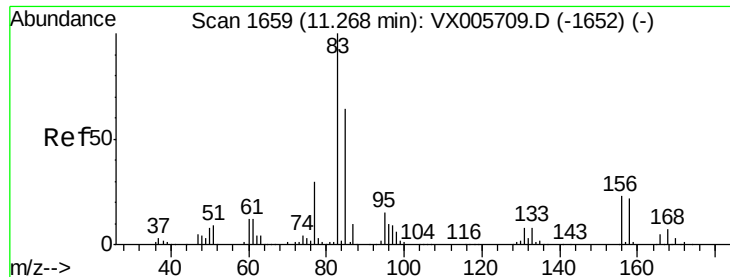
43 100

70 41.1 31.6 47.4

55 25.7 19.7 29.5

61 24.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.226 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

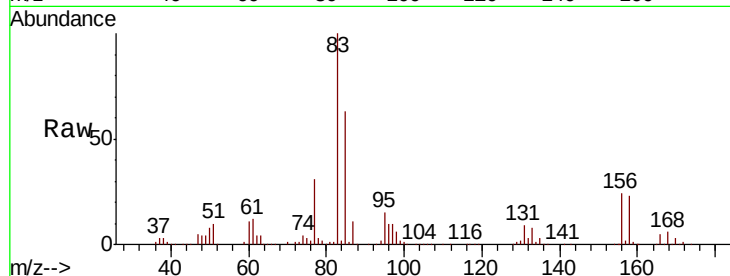
Tot Ion: 83 Resp: 154754

Ion Ratio Lower Upper

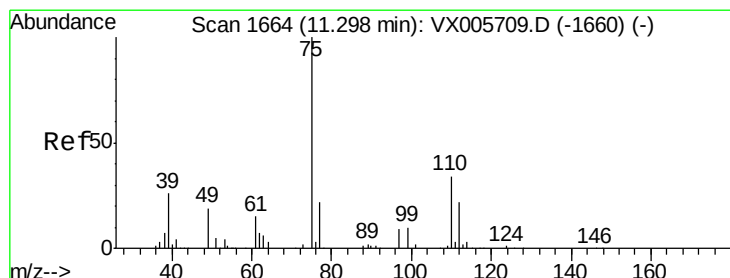
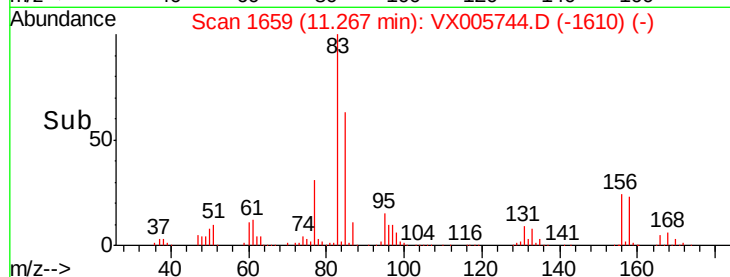
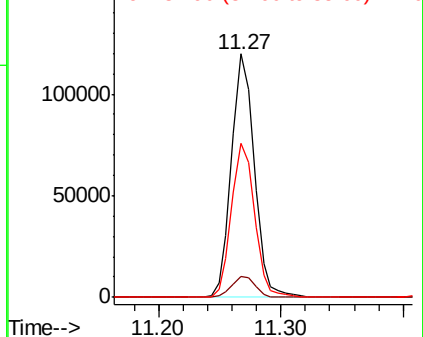
83 100

131 9.1 5.3 15.9

85 64.2 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: 61.006 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005744.D

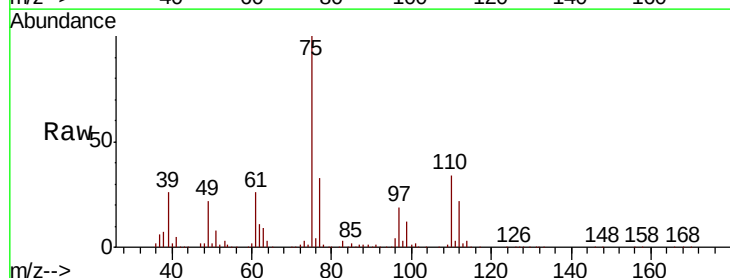
Acq: 02 Nov 2018 09:37

Tgt Ion: 75 Resp: 178134

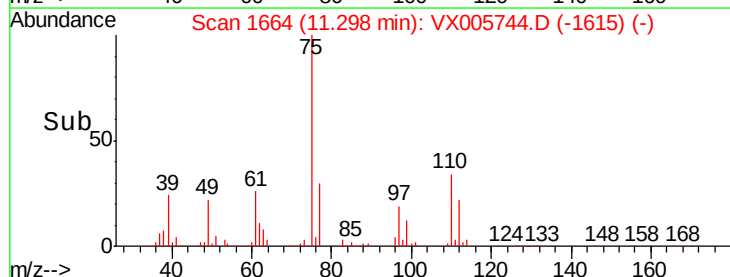
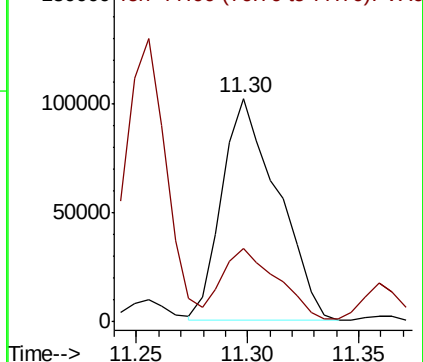
Ion Ratio Lower Upper

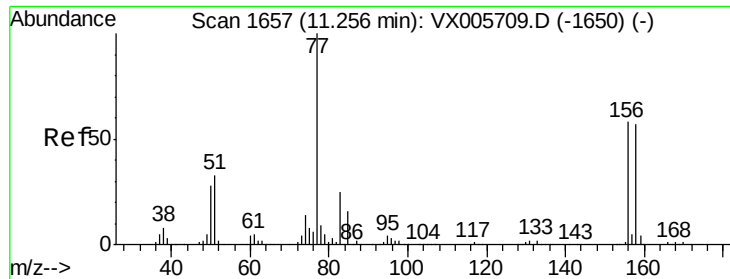
75 100

77 33.4 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: 50.009 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

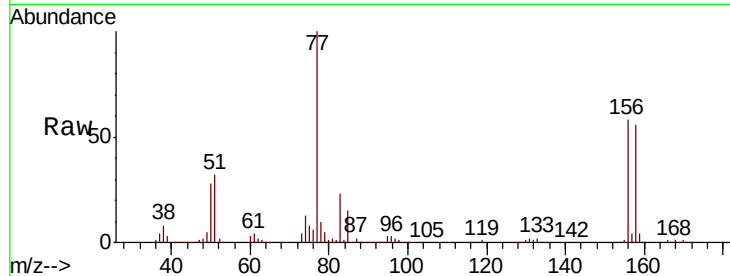
Tot Ion:156 Resp: 95952

Ion Ratio Lower Upper

156 100

77 175.4 74.8 224.4

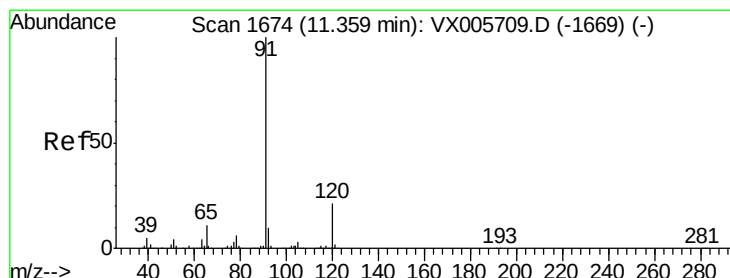
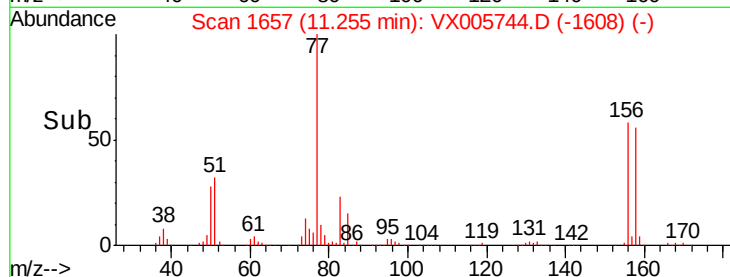
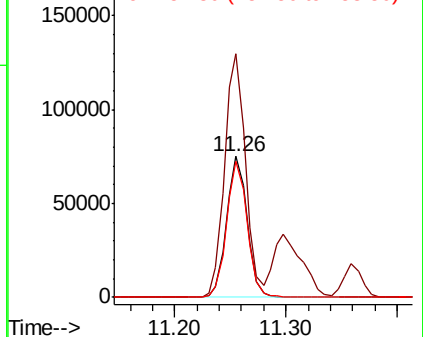
158 96.6 49.1 147.3



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: 53.235 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005744.D

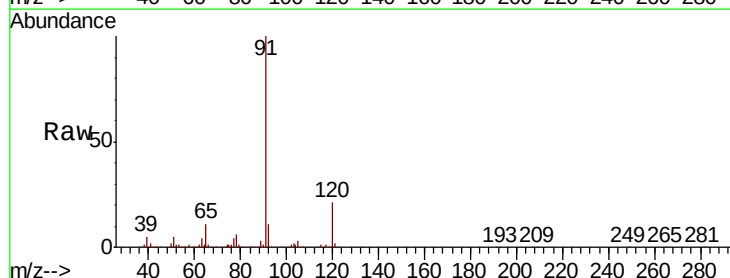
Acq: 02 Nov 2018 09:37

Tgt Ion: 91 Resp: 500905

Ion Ratio Lower Upper

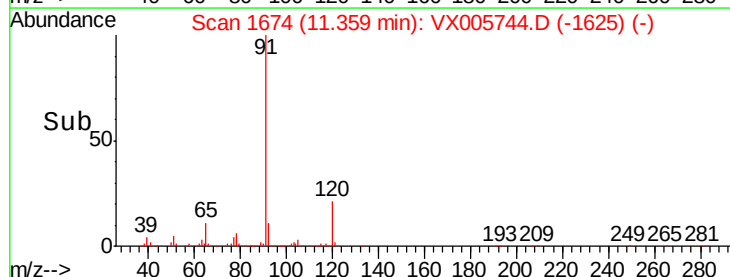
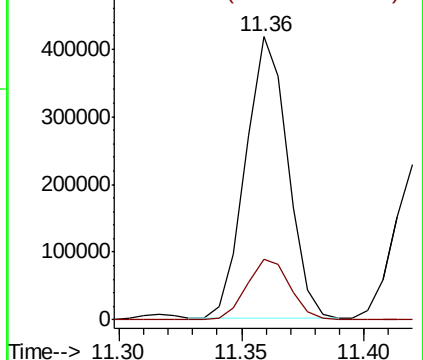
91 100

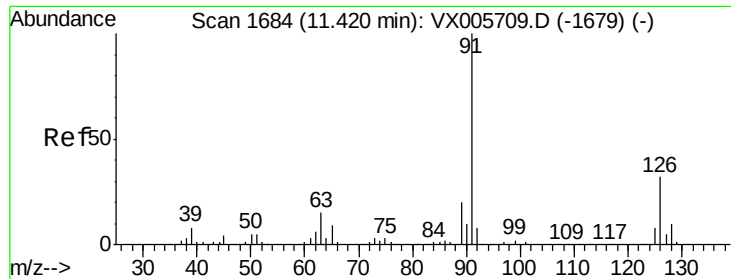
120 22.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

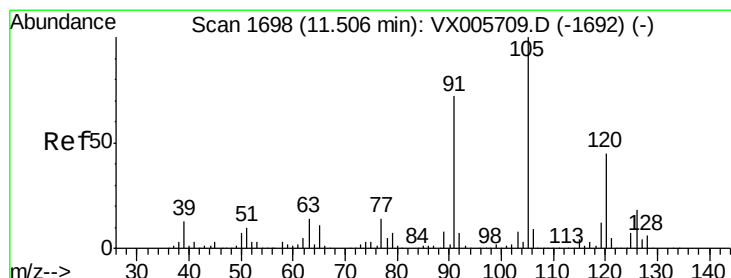
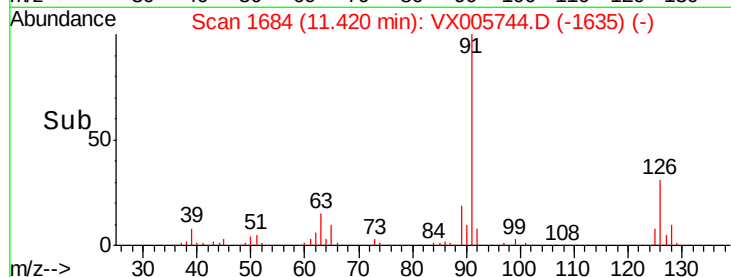
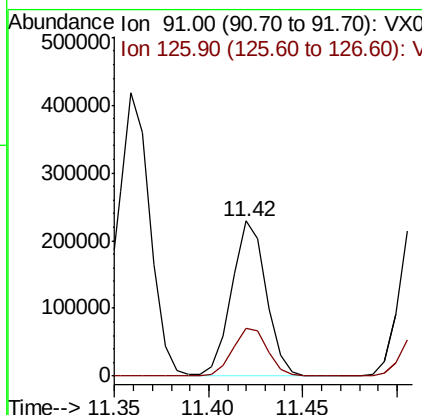
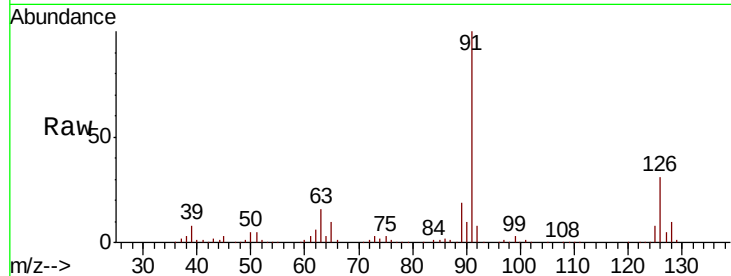




#79
 2-Chlorotoluene
 Concen: 51.338 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

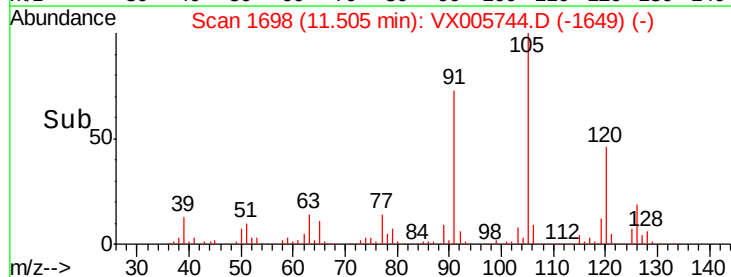
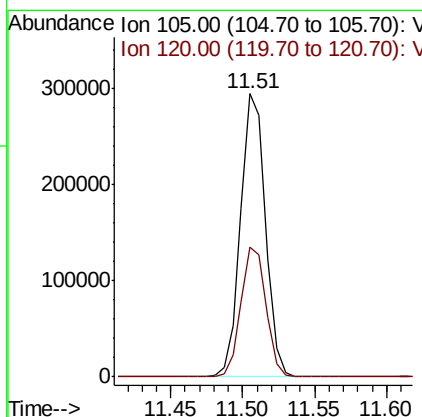
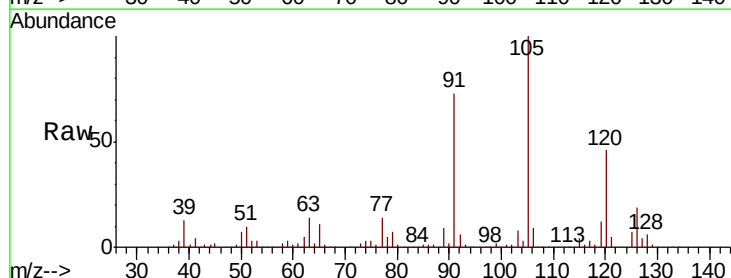
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

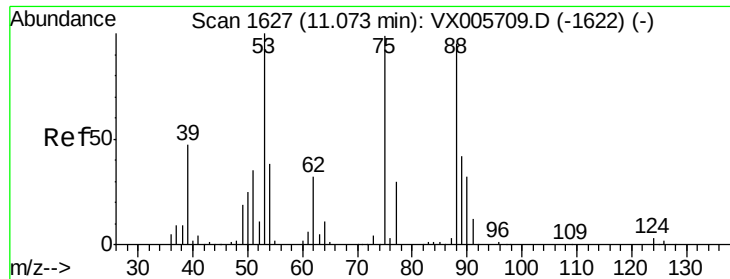
Tot Ion: 91 Resp: 288506
 Ion Ratio Lower Upper
 91 100
 126 32.1 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 53.705 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion: 105 Resp: 352701
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.379 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

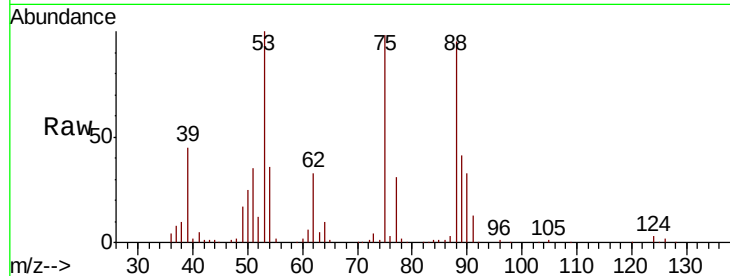
Tot Ion: 75 Resp: 46434

Ion Ratio Lower Upper

75 100

53 100.1 80.2 120.2

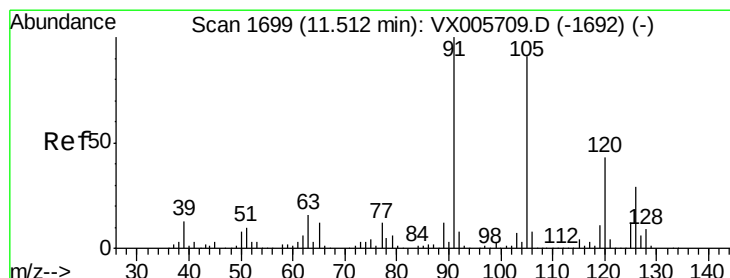
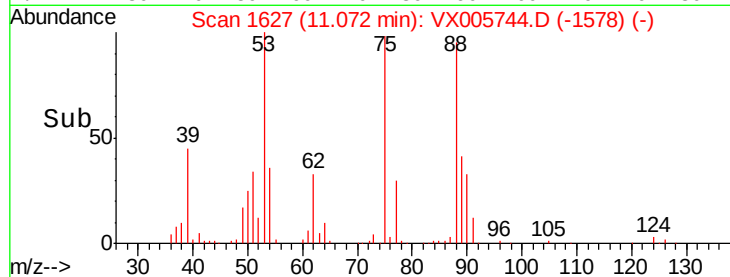
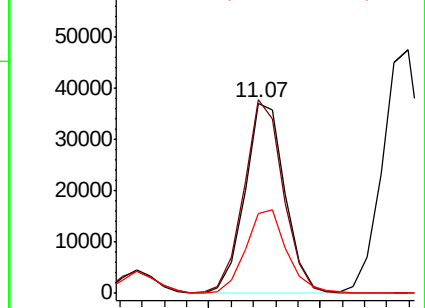
89 45.5 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.920 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005744.D

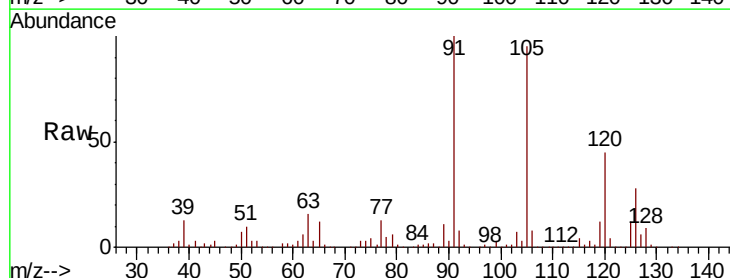
Acq: 02 Nov 2018 09:37

Tgt Ion: 91 Resp: 348343

Ion Ratio Lower Upper

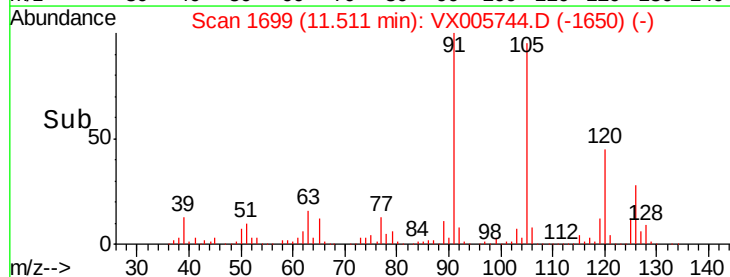
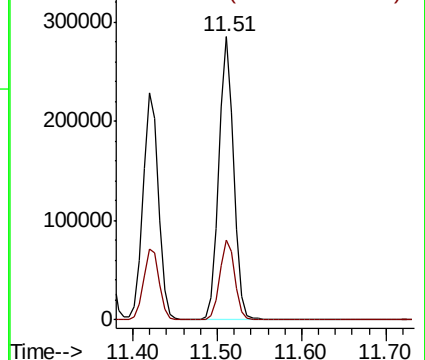
91 100

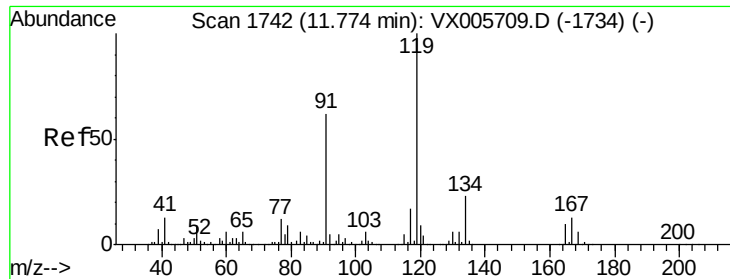
126 28.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

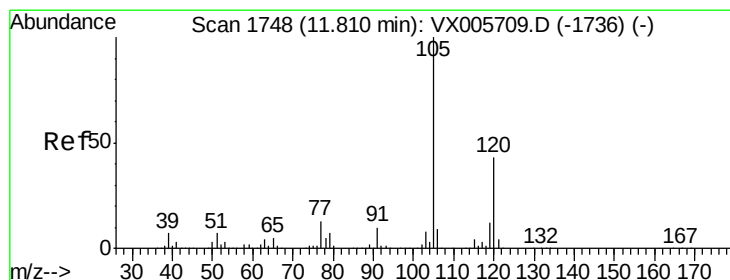
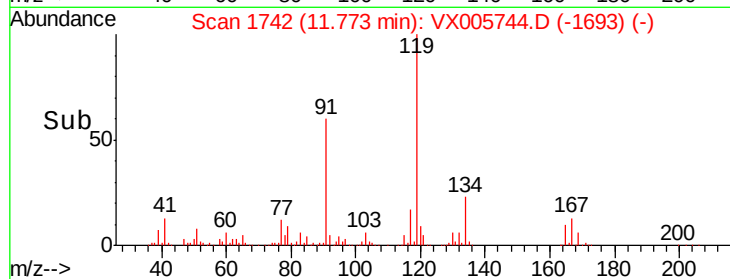
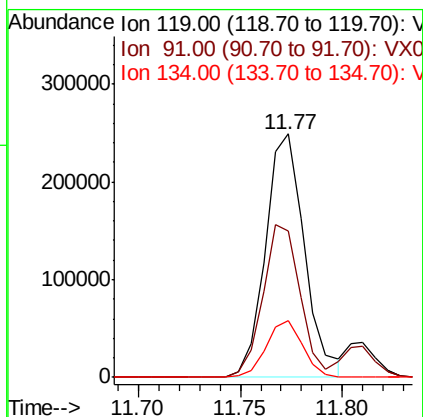
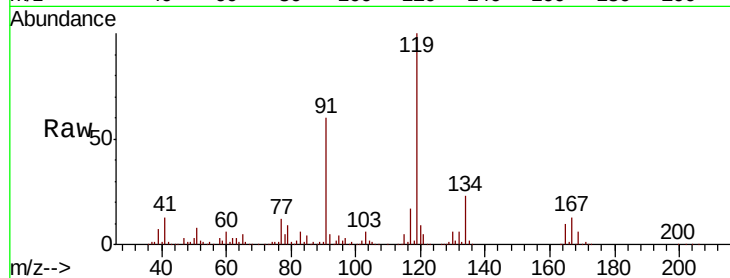




#83
 tert-Butylbenzene
 Concen: 52.955 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

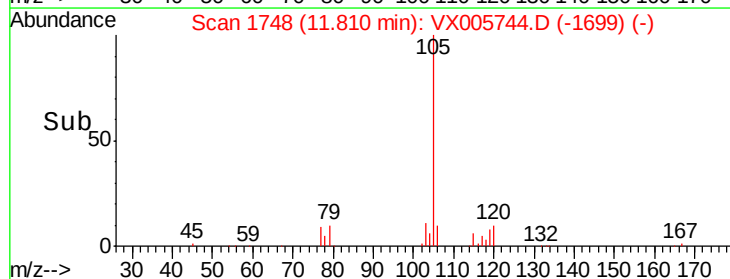
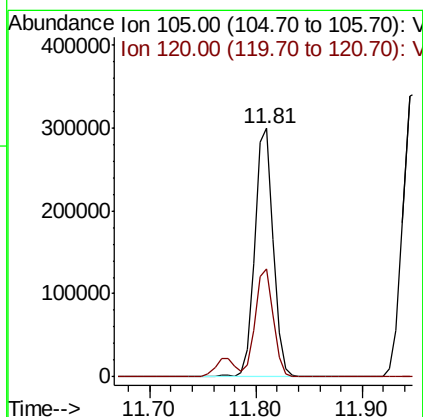
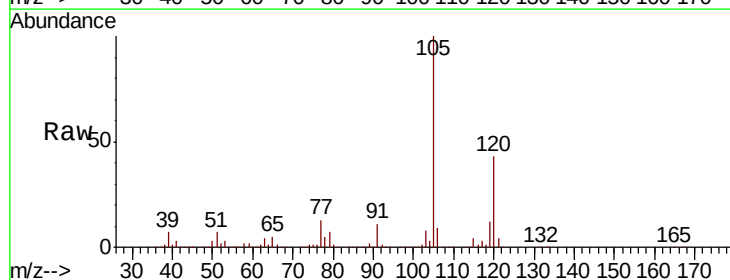
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

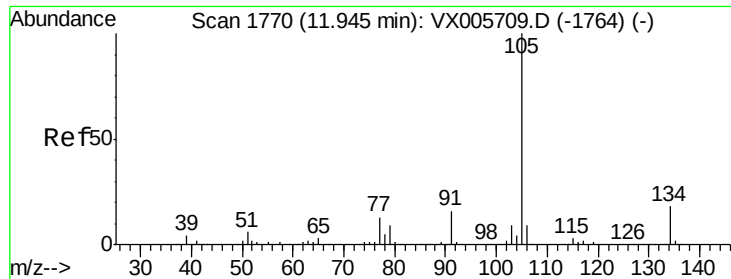
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	28.5	85.5
134	22.0	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 54.892 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.4	67.0





#85

sec-Butylbenzene

Concen: 53.000 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

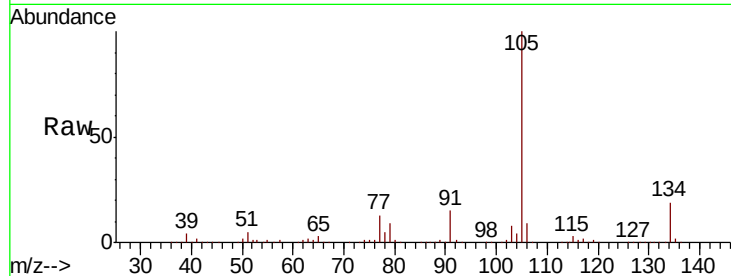
VSTDCCC050

Tot Ion:105 Resp: 426016

Ion Ratio Lower Upper

105 100

134 19.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

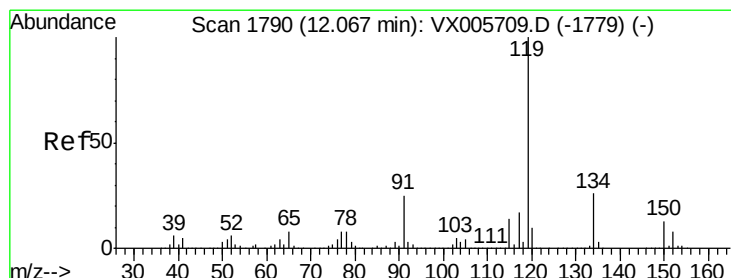
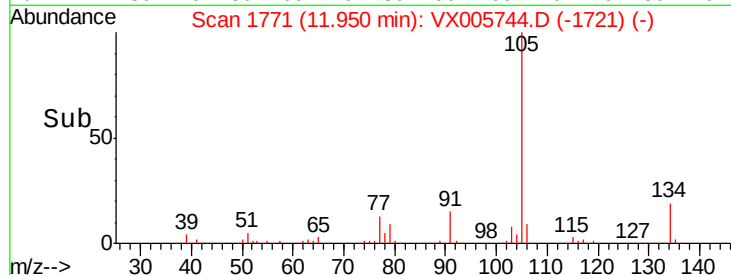
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.261 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

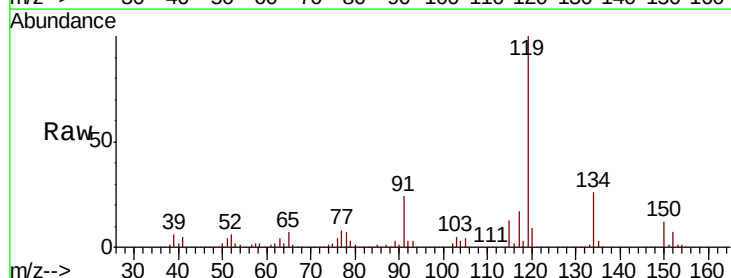
Tgt Ion:119 Resp: 370942

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

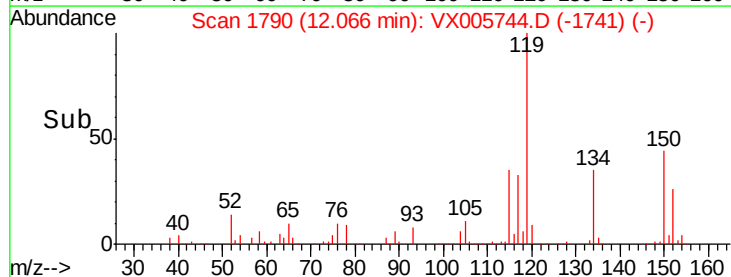
300000

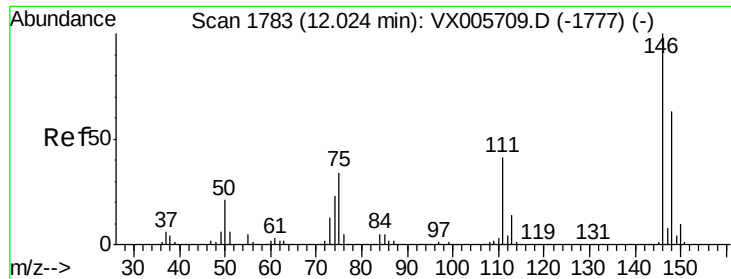
200000

100000

0

Time-->

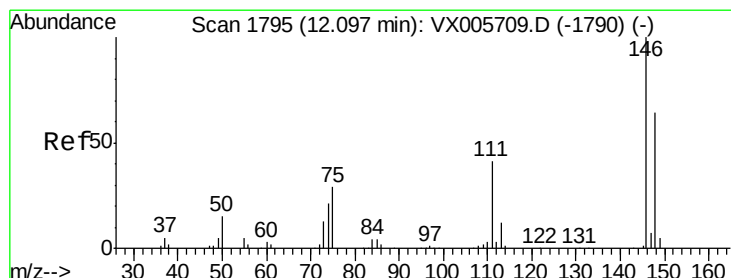
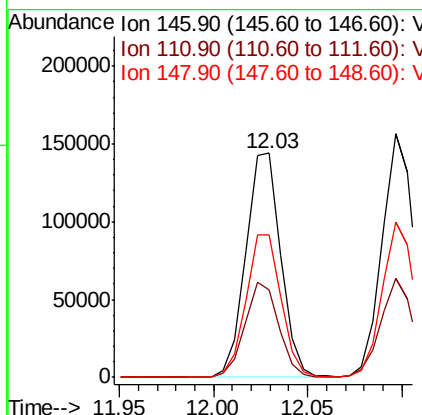
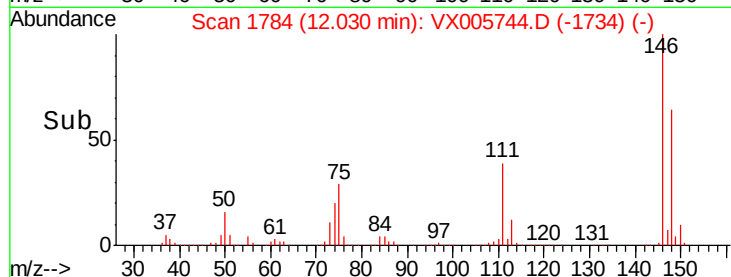
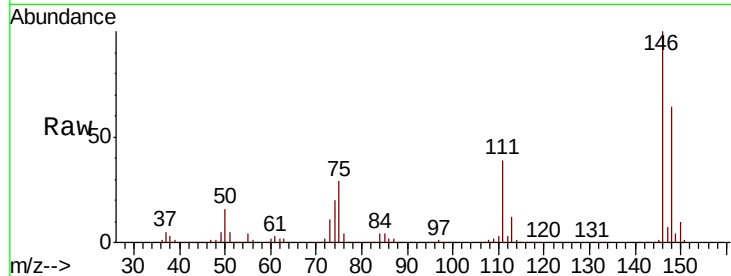




#87
 1,3-Dichlorobenzene
 Concen: 50.121 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

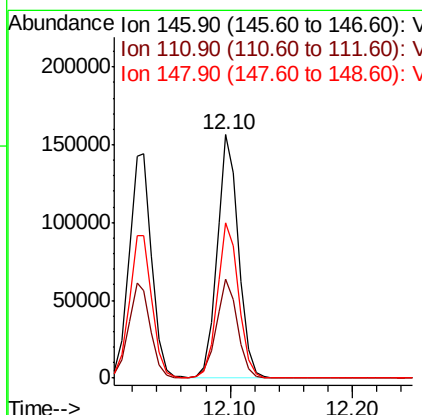
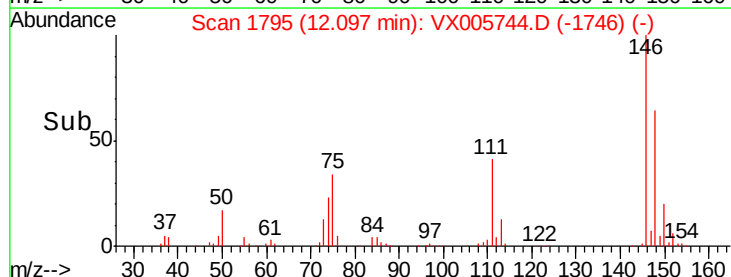
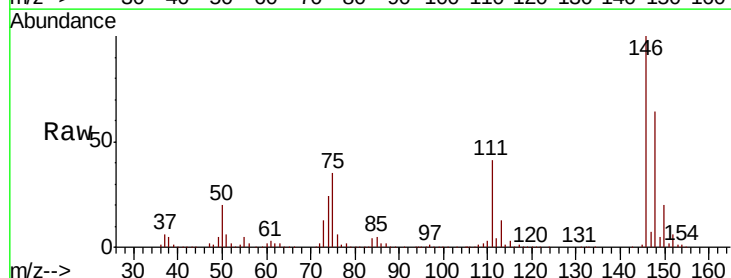
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

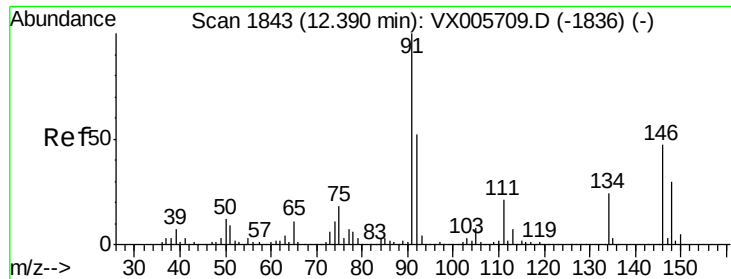
Tot Ion:146 Resp: 185946
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.0 57.0
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.519 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion:146 Resp: 189388
 Ion Ratio Lower Upper
 146 100
 111 40.5 18.6 55.8
 148 64.1 32.1 96.3





#89

n-Butylbenzene

Concen: 53.901 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

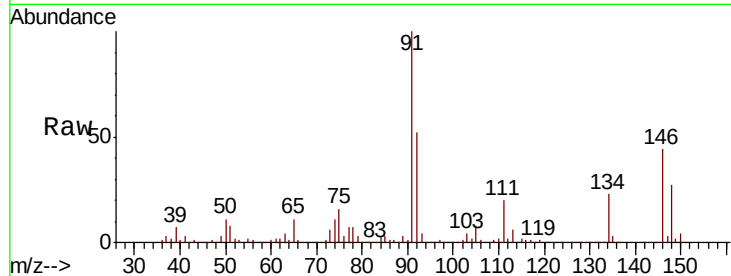
Tot Ion: 91 Resp: 371780

Ion Ratio Lower Upper

91 100

92 51.5 26.1 78.2

134 23.4 13.1 39.3

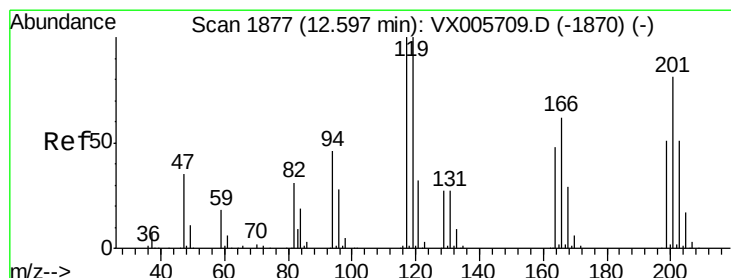
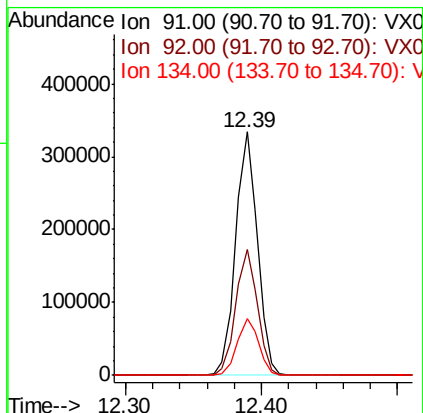
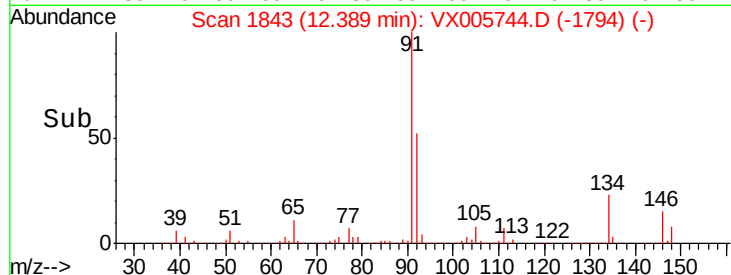


Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005709.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005709.D (-1836) (-)

Time--> 12.30 12.40



#90

Hexachloroethane

Concen: 49.971 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005744.D

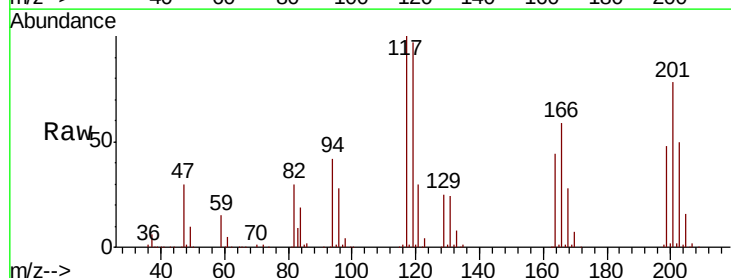
Acq: 02 Nov 2018 09:37

Tgt Ion: 117 Resp: 60608

Ion Ratio Lower Upper

117 100

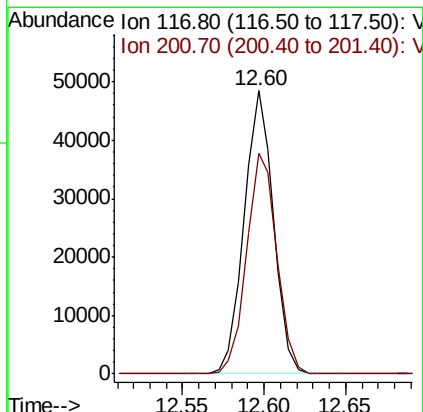
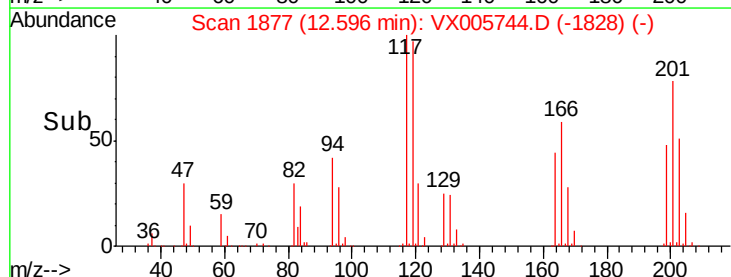
201 80.5 47.9 143.6

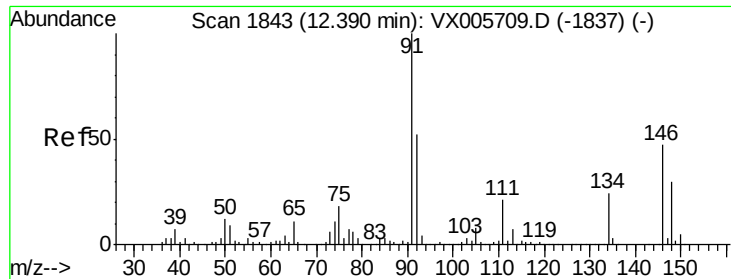


Abundance Ion 116.80 (116.50 to 117.50): VX005709.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005709.D (-1870) (-)

Time--> 12.55 12.60 12.65

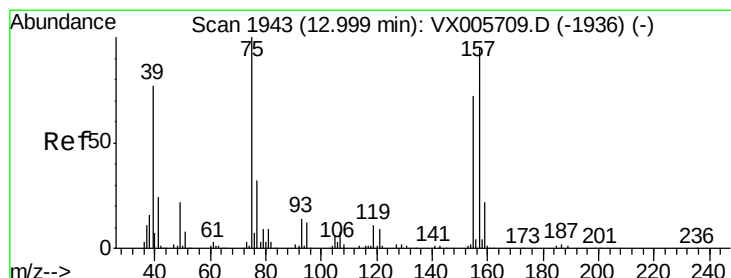
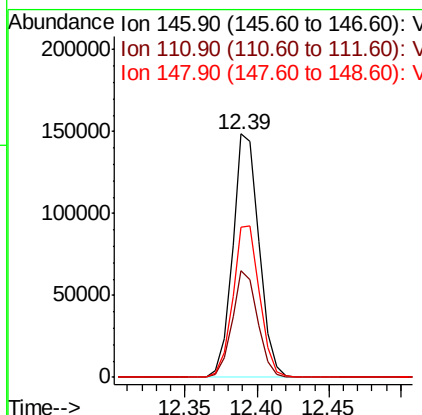
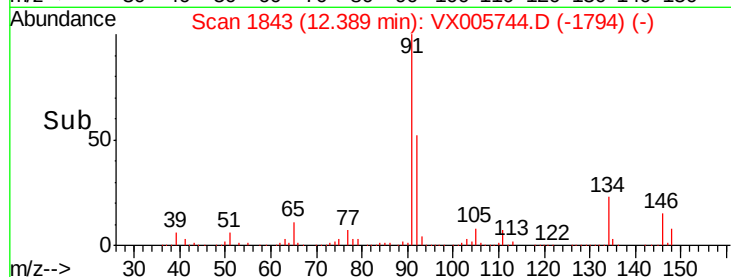
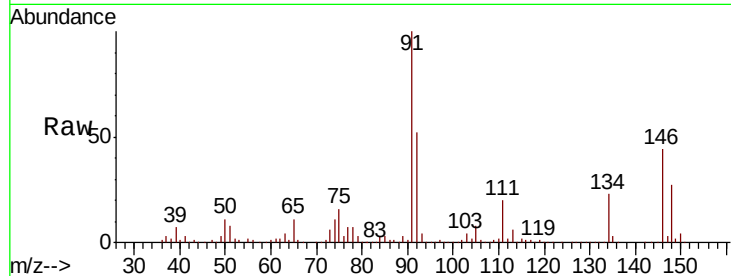




#91
 1,2-Dichlorobenzene
 Concen: 49.066 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

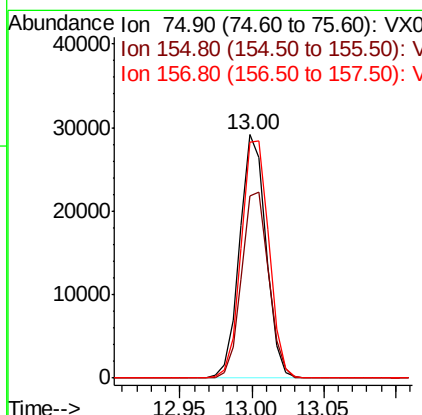
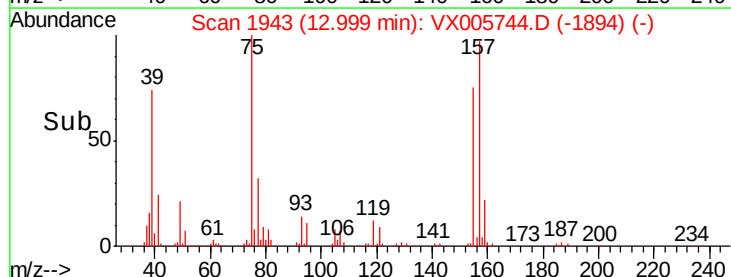
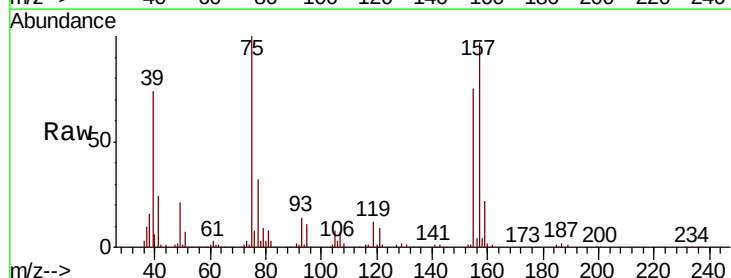
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

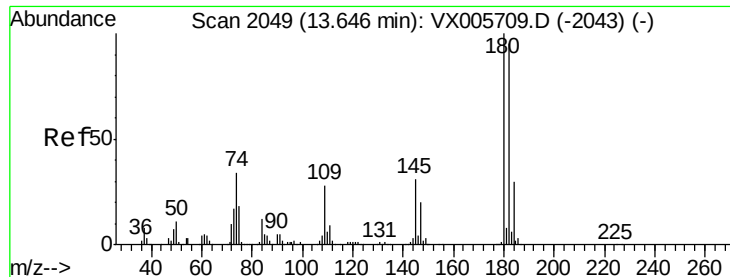
Tot Ion:146 Resp: 190172
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.0 59.9
 148 63.0 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.145 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion: 75 Resp: 36988
 Ion Ratio Lower Upper
 75 100
 155 78.3 45.4 136.1
 157 102.3 57.4 172.0

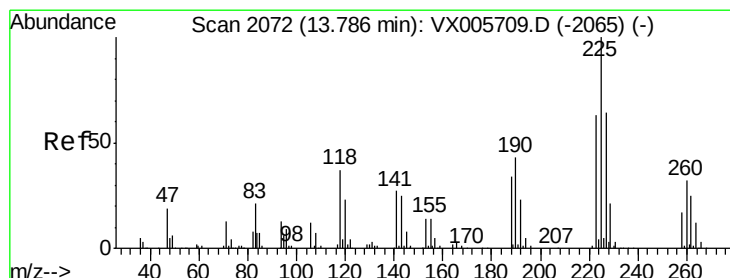
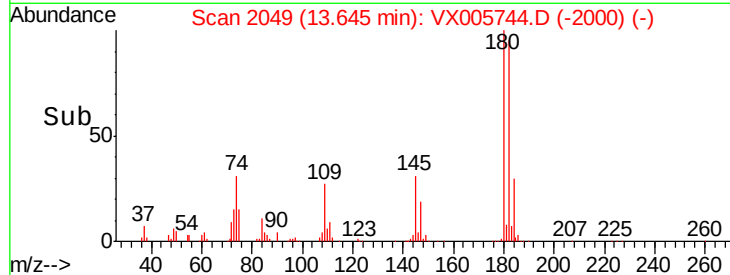
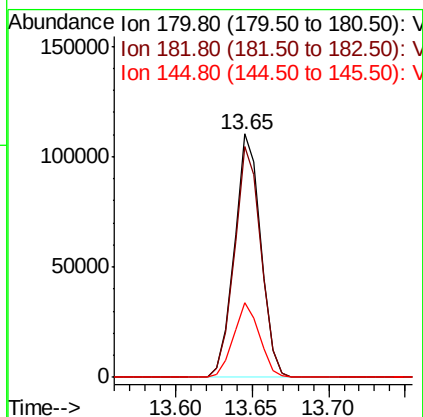
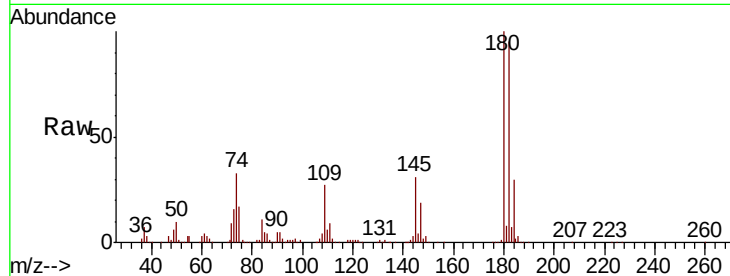




#93
 1,2,4-Trichlorobenzene
 Concen: 52.913 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

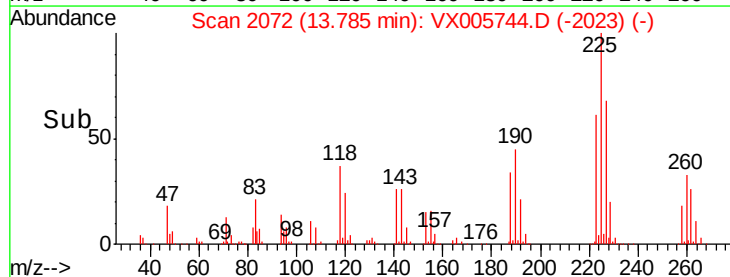
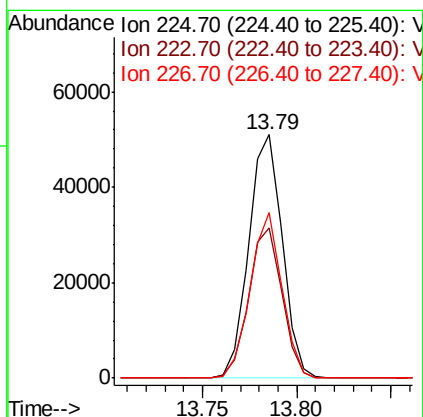
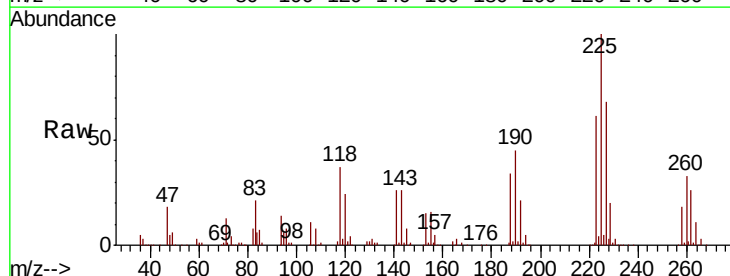
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

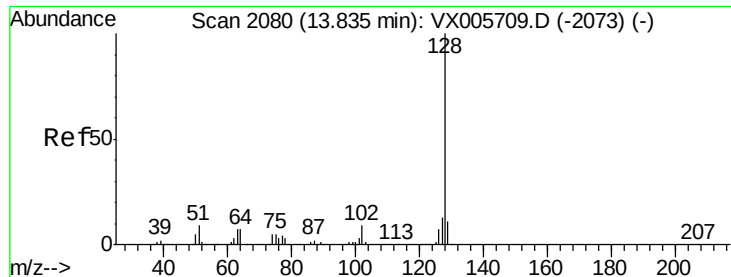
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	30.1	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 52.275 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005744.D
 Acq: 02 Nov 2018 09:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.7	95.1
227	64.2	32.3	96.9





#95

Naphthalene

Concen: 55.071 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

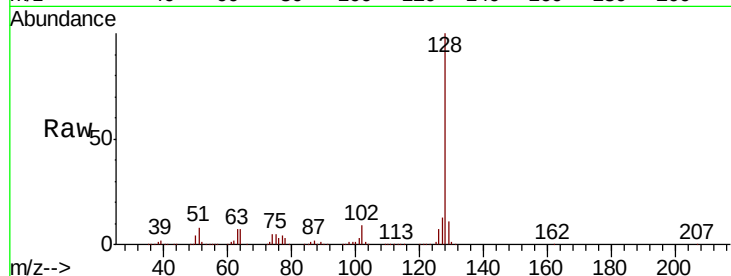
Tot Ion:128 Resp: 450216

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

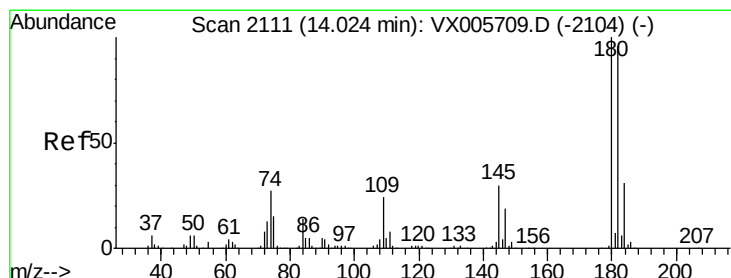
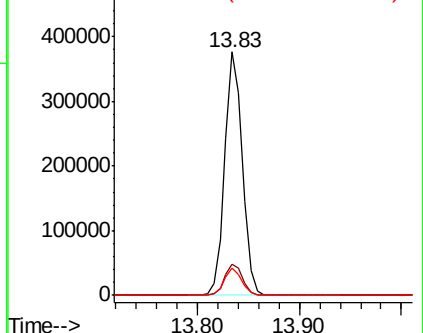
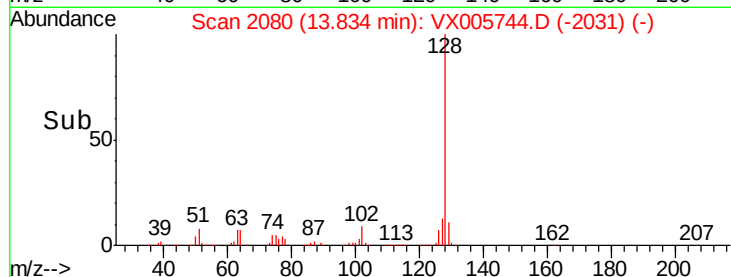
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.502 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005744.D

Acq: 02 Nov 2018 09:37

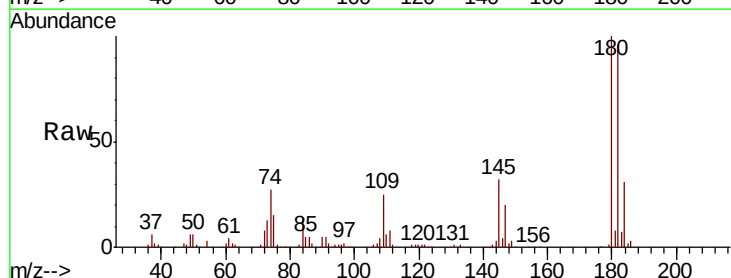
Tgt Ion:180 Resp: 132867

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.2

145 32.3 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

