

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005156.D
 Acq On : 09 Oct 2018 13:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 10 05:51:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144697	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.50	113	119965	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	8.71	98	450240	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.14	95	170891	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	172430	55.800	ug/l	98
3) Chloromethane	1.32	50	182662	48.722	ug/l	99
4) Vinyl Chloride	1.40	62	181596	51.644	ug/l	98
5) Bromomethane	1.64	94	97463	46.742	ug/l	95
6) Chloroethane	1.71	64	103286	54.089	ug/l	96
7) Trichlorofluoromethane	1.92	101	233954	53.744	ug/l	94
8) Diethyl Ether	2.19	74	87773	46.413	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	130246	52.526	ug/l	99
10) Methyl Iodide	2.51	142	152063	45.827	ug/l	91
11) Tert butyl alcohol	3.07	59	214898	237.393	ug/l	99
12) 1,1-Dichloroethene	2.37	96	121459	49.460	ug/l	92
13) Acrolein	2.29	56	146193	226.981	ug/l	91
14) Allyl chloride	2.73	41	273281	51.003	ug/l	95
15) Acrylonitrile	3.15	53	482071	241.908	ug/l	96
16) Acetone	2.45	43	478008	252.897	ug/l	94
17) Carbon Disulfide	2.57	76	370590	50.222	ug/l	98
18) Methyl Acetate	2.78	43	240637	50.249	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	428858	50.629	ug/l	97
20) Methylene Chloride	2.85	84	137829	50.156	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	129745	48.265	ug/l	85
22) Diisopropyl ether	3.87	45	477680	52.943	ug/l	94
23) Vinyl Acetate	3.82	43	2192613	265.484	ug/l	98
24) 1,1-Dichloroethane	3.70	63	256656	47.687	ug/l	100
25) 2-Butanone	4.70	43	653829	234.675	ug/l	97
26) 2,2-Dichloropropane	4.58	77	192062	51.246	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	136068	45.309	ug/l	93
28) Bromochloromethane	5.01	49	112362	44.333	ug/l	99
29) Tetrahydrofuran	5.15	42	414515	239.373	ug/l	98
30) Chloroform	5.21	83	229222	45.064	ug/l	100
31) Cyclohexane	5.57	56	220391	53.502	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	200818	48.342	ug/l	95
36) 1,1-Dichloropropene	5.79	75	181014	49.648	ug/l	94
37) Ethyl Acetate	4.85	43	224778	46.445	ug/l	98
38) Carbon Tetrachloride	5.78	117	180371	47.063	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	218729	58.752	ug/l	86
40) Benzene	6.14	78	522408	45.768	ug/l	95
41) Methacrylonitrile	5.06	41	124341	46.328	ug/l	98
42) 1,2-Dichloroethane	6.20	62	185750	46.034	ug/l	97
43) Isopropyl Acetate	6.46	43	332232	47.562	ug/l	97
44) Trichloroethene	7.21	130	142610	50.823	ug/l	94
45) 1,2-Dichloropropane	7.51	63	145795	52.085	ug/l	100
46) Dibromomethane	7.66	93	89814	51.055	ug/l	100
47) Bromodichloromethane	7.90	83	173062	52.545	ug/l	100
48) Methyl methacrylate	7.77	41	176053	55.528	ug/l	99
49) 1,4-Dioxane	7.76	88	76823	975.308	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1186986	269.877	ug/l	99
52) Toluene	8.79	92	332381	52.995	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	199796	53.681	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	215295	55.226	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134077	48.803	ug/l	95
56) Ethyl methacrylate	9.18	69	212834	47.869	ug/l	97
57) 1,3-Dichloropropane	9.37	76	226687	49.576	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	578577	244.730	ug/l	100
59) 2-Hexanone	9.49	43	971628	265.100	ug/l	95
60) Dibromochloromethane	9.59	129	140812	51.250	ug/l	99
61) 1,2-Dibromoethane	9.67	107	140133	47.628	ug/l	95
64) Tetrachloroethene	9.34	164	142350	48.052	ug/l	96
65) Chlorobenzene	10.14	112	369713	47.901	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	131951	48.629	ug/l	99
67) Ethyl Benzene	10.25	91	637292	52.008	ug/l	95
68) m/p-Xylenes	10.36	106	499401	104.294	ug/l	96
69) o-Xylene	10.70	106	237665	54.038	ug/l	99
70) Styrene	10.71	104	400856	48.786	ug/l	100
71) Bromoform	10.86	173	116289	50.059	ug/l	97
73) Isopropylbenzene	11.02	105	651411	53.593	ug/l	100
74) N-amyl acetate	10.90	43	303069	45.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219149	44.292	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	263358	60.932	ug/l	83
77) Bromobenzene	11.26	156	170754	48.366	ug/l	99
78) n-propylbenzene	11.36	91	764358	54.808	ug/l	99
79) 2-Chlorotoluene	11.42	91	442843	50.943	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	561663	50.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65752	41.829	ug/l	98
82) 4-Chlorotoluene	11.51	91	528492	51.652	ug/l	99
83) tert-Butylbenzene	11.77	119	551716	55.131	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	577644	50.281	ug/l	99
85) sec-Butylbenzene	11.94	105	675932	55.453	ug/l	100
86) p-Isopropyltoluene	12.07	119	614221	55.618	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	320411	48.604	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	325671	47.856	ug/l	99
89) n-Butylbenzene	12.39	91	555061	55.342	ug/l	100
90) Hexachloroethane	12.60	117	94832	51.575	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	319808	46.421	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54216	49.905	ug/l	99

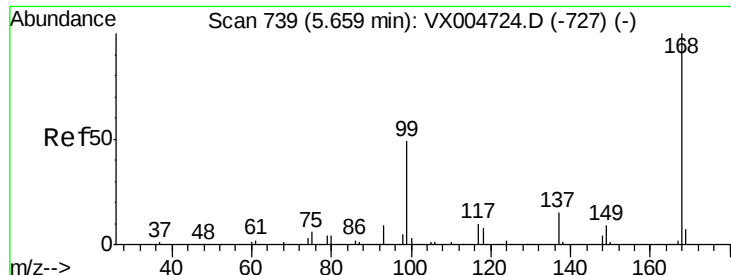
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246674	51.042	ug/l	99
94) Hexachlorobutadiene	13.79	225	131016	52.280	ug/l	100
95) Naphthalene	13.83	128	755938	47.169	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251312	50.340	ug/l	100

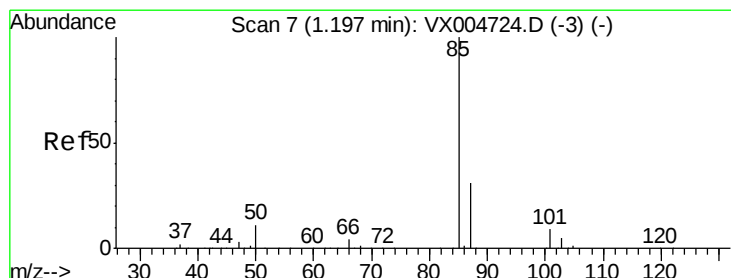
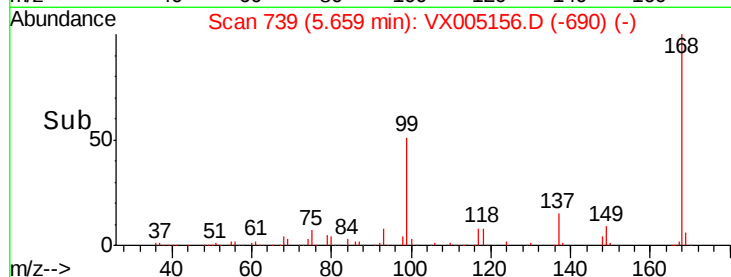
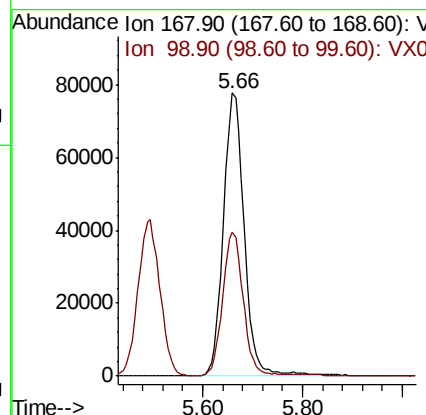
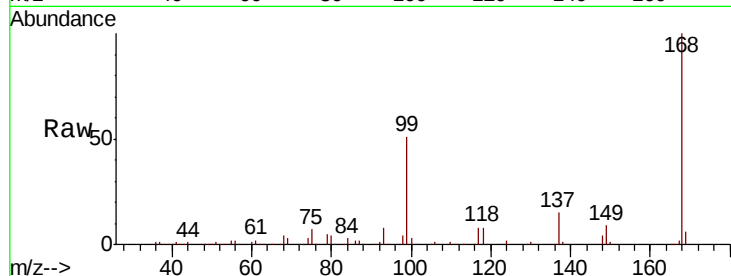
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

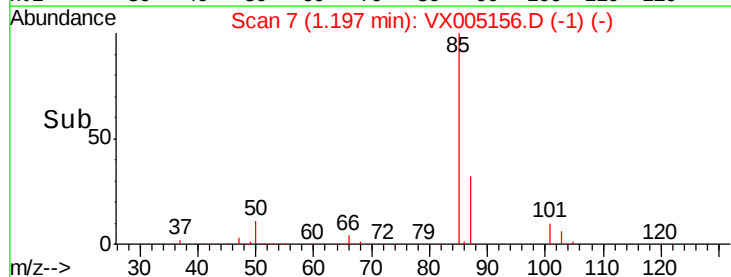
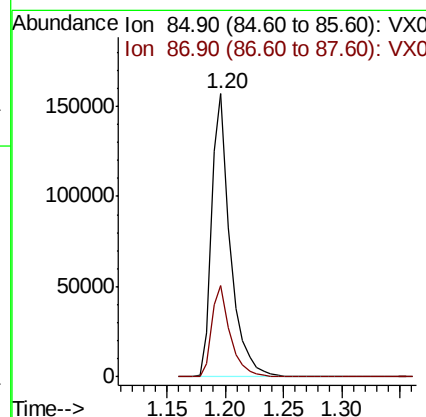
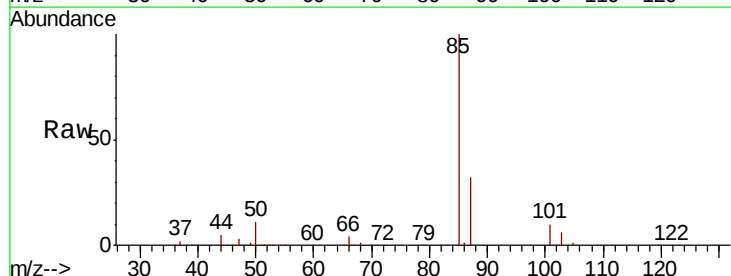
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

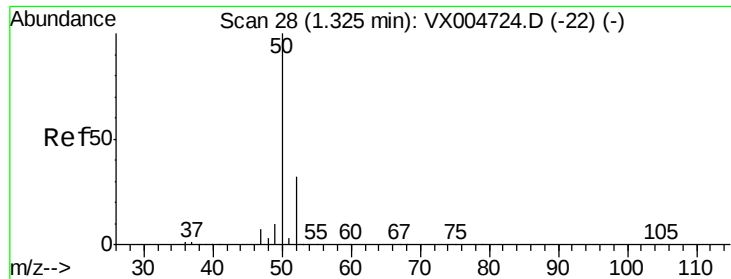
Tot Ion:168 Resp: 226638
Ion Ratio Lower Upper
168 100
99 50.6 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 55.800 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 85 Resp: 172430
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





#3

Chloromethane

Concen: 48.722 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

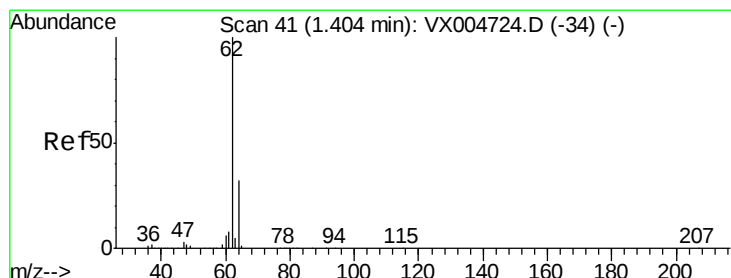
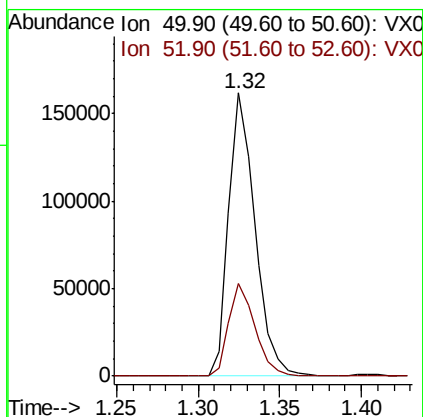
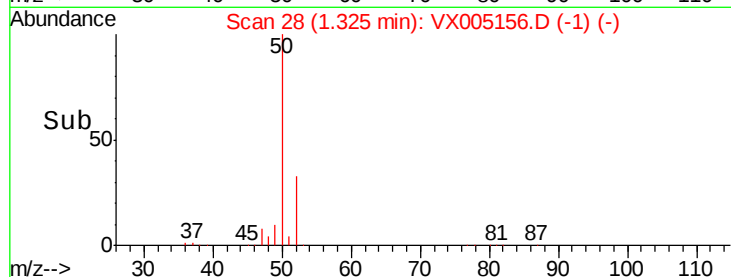
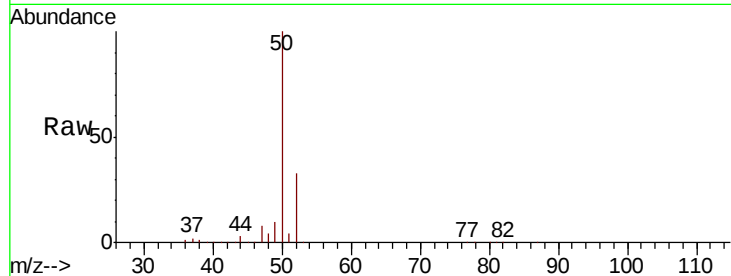
VSTDCCC050

Tot Ion: 50 Resp: 182662

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



#4

Vinyl Chloride

Concen: 51.644 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005156.D

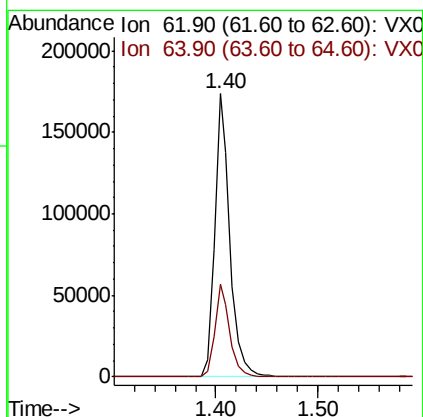
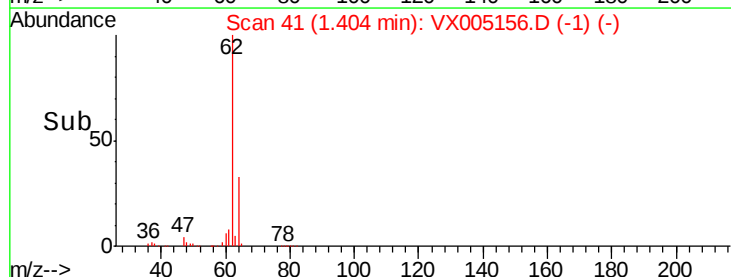
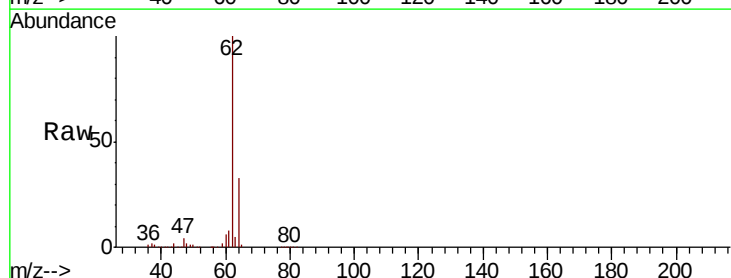
Acq: 09 Oct 2018 13:58

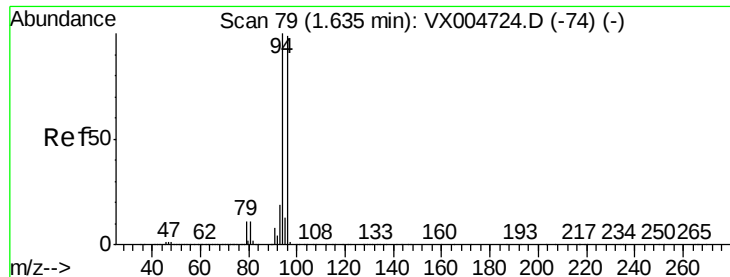
Tgt Ion: 62 Resp: 181596

Ion Ratio Lower Upper

62 100

64 32.8 25.5 38.3





#5

Bromomethane

Concen: 46.742 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

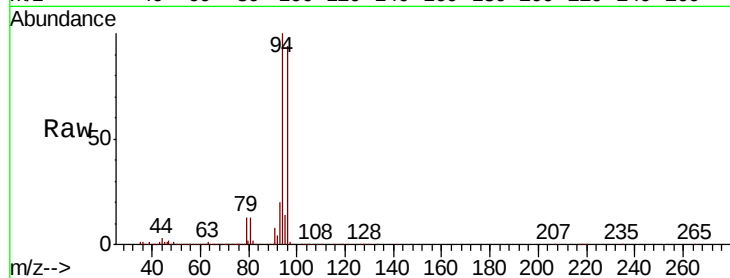
VSTDCCC050

Tot Ion: 94 Resp: 97463

Ion Ratio Lower Upper

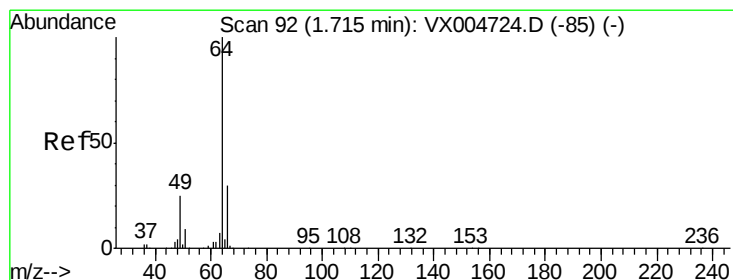
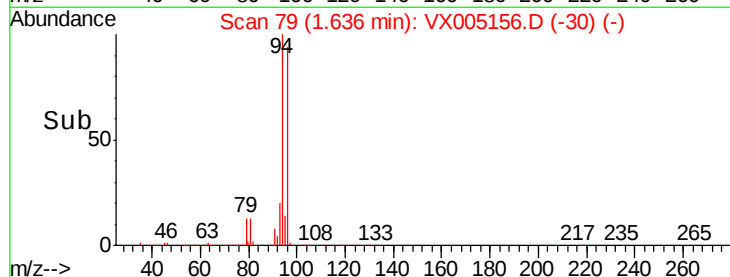
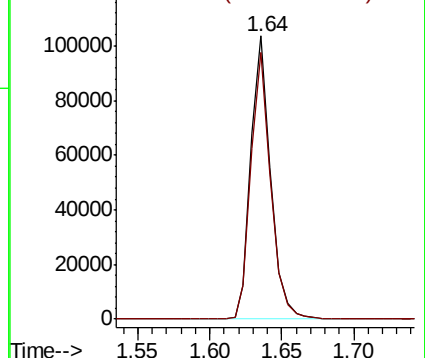
94 100

96 94.2 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.089 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005156.D

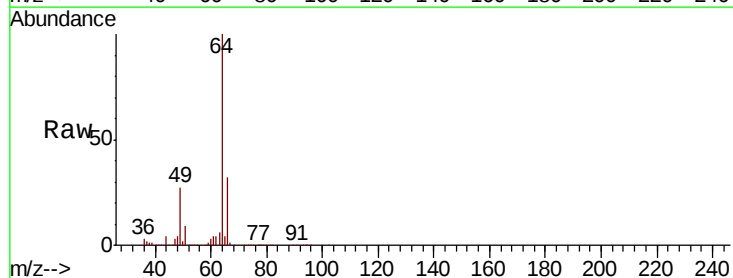
Acq: 09 Oct 2018 13:58

Tgt Ion: 64 Resp: 103286

Ion Ratio Lower Upper

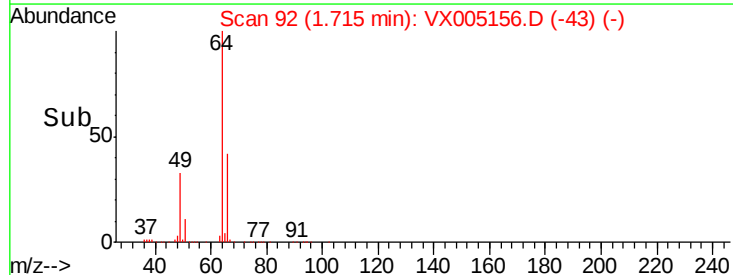
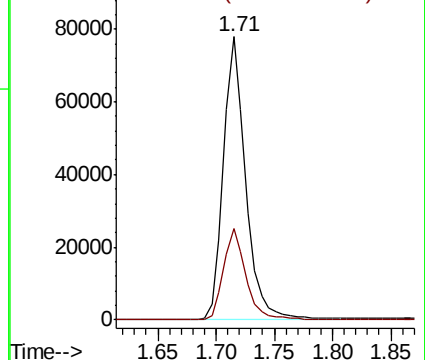
64 100

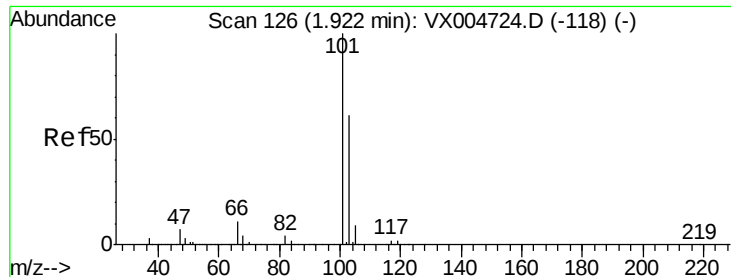
66 32.1 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



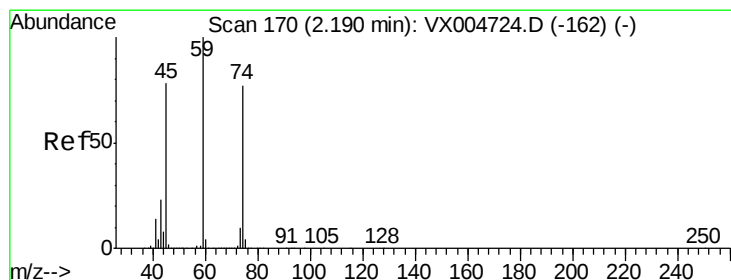
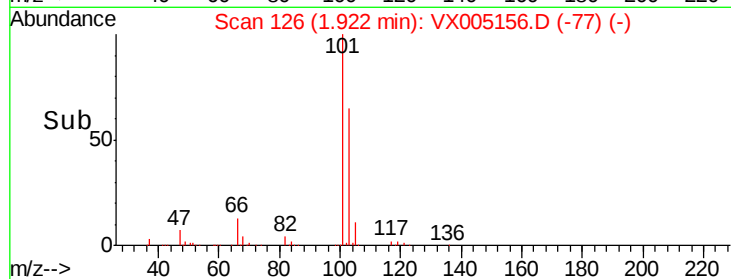
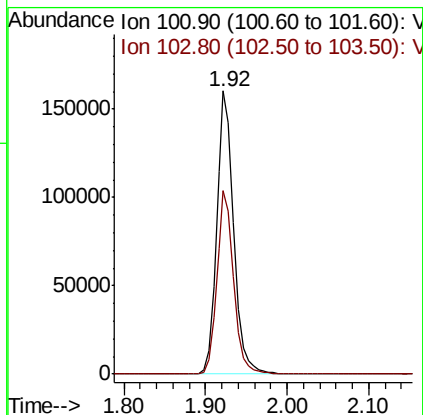
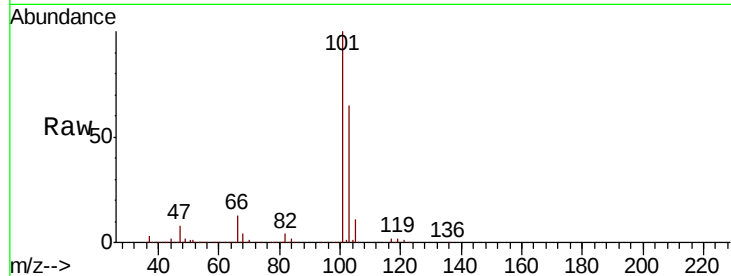


#7

Trichlorofluoromethane
 Concen: 53.744 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Instrument :
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 VSTDCCC050

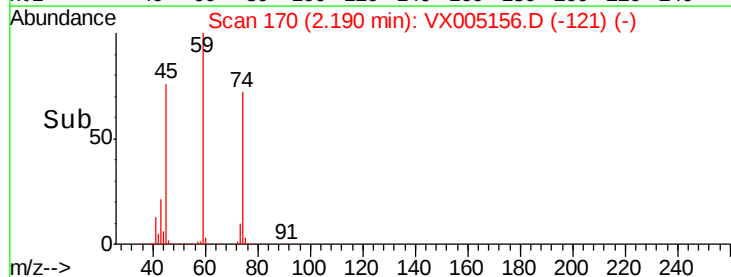
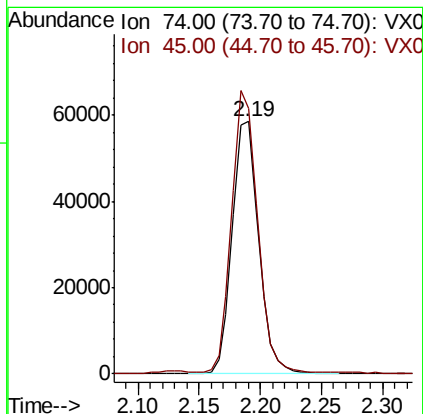
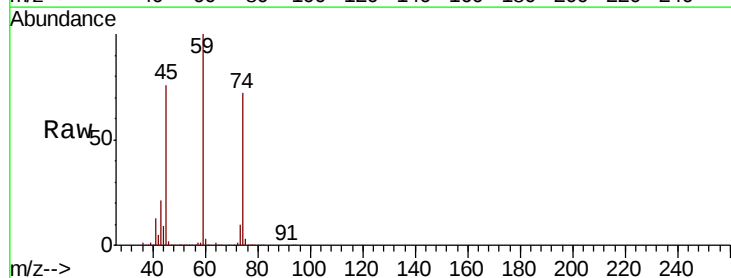
Tot Ion:101 Resp: 233954
 Ion Ratio Lower Upper
 101 100
 103 64.9 48.4 72.6

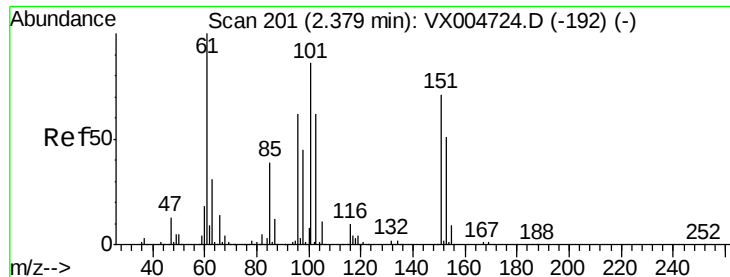


#8

Diethyl Ether
 Concen: 46.413 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion: 74 Resp: 87773
 Ion Ratio Lower Upper
 74 100
 45 110.8 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.526 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

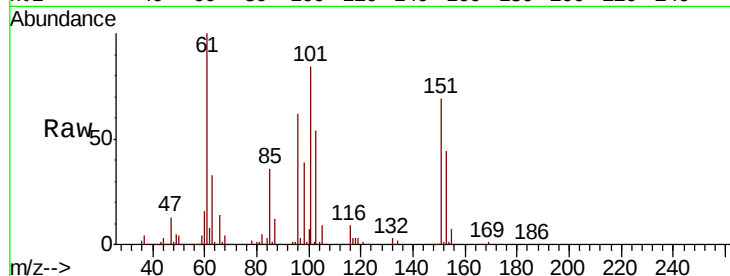
Tot Ion:101 Resp: 130246

Ion Ratio Lower Upper

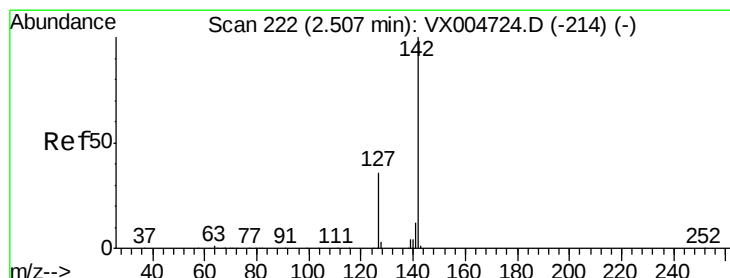
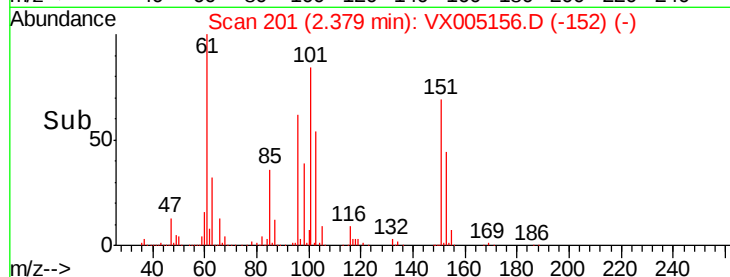
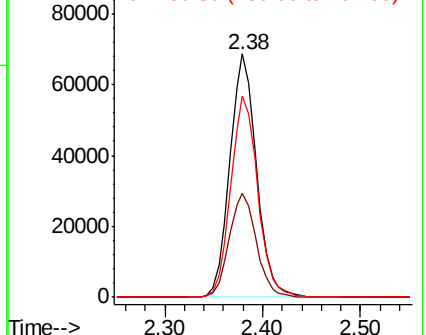
101 100

85 43.6 35.9 53.9

151 83.4 66.6 100.0



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: 45.827 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

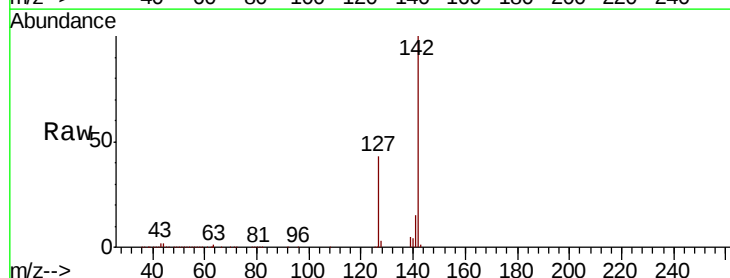
Tgt Ion:142 Resp: 152063

Ion Ratio Lower Upper

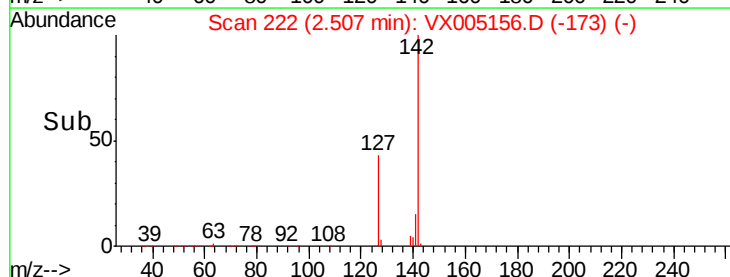
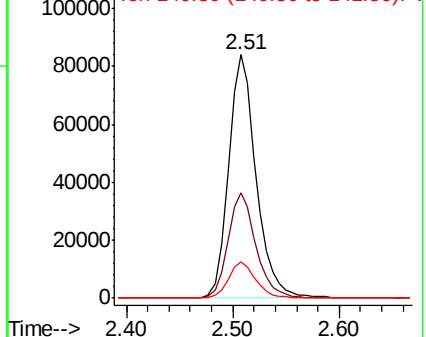
142 100

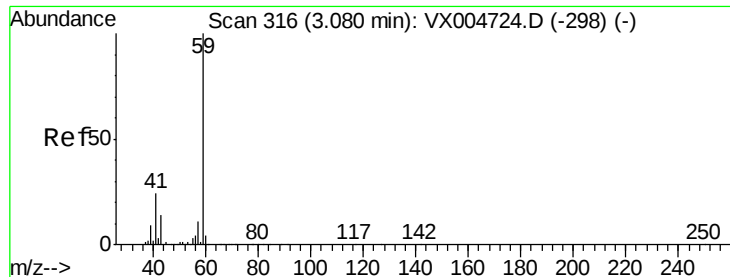
127 43.9 30.1 45.1

141 14.7 10.1 15.1



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



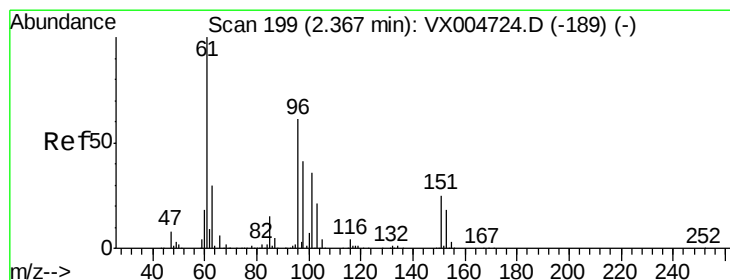
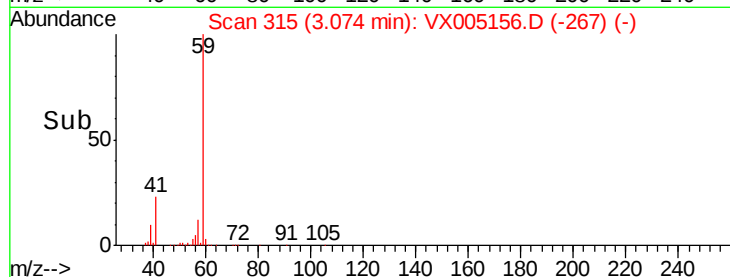
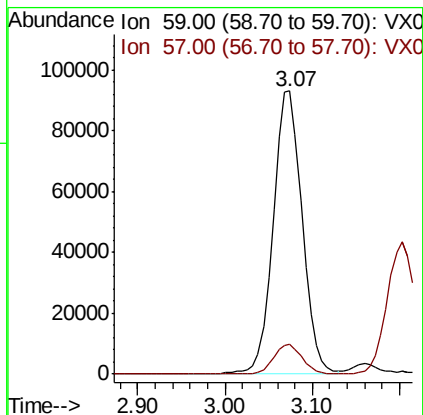
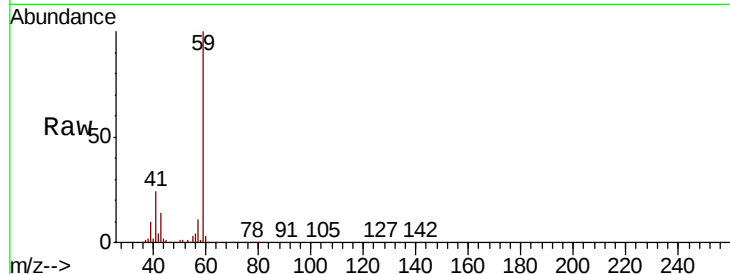


#11

Tert butyl alcohol
Concen: 237.393 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

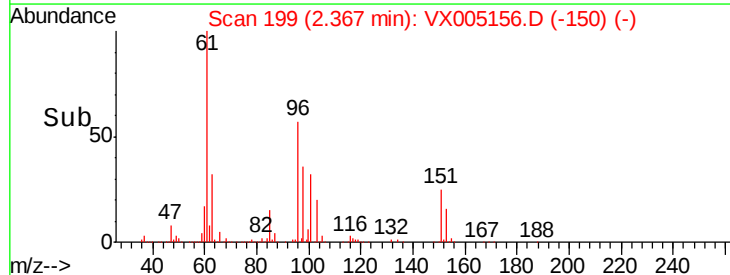
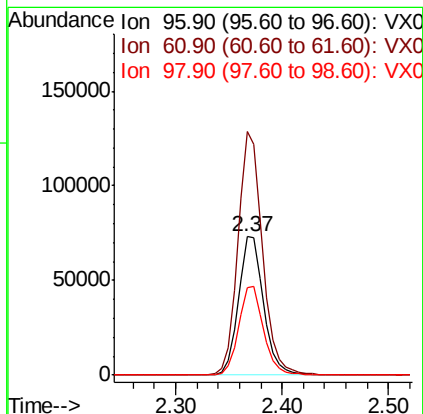
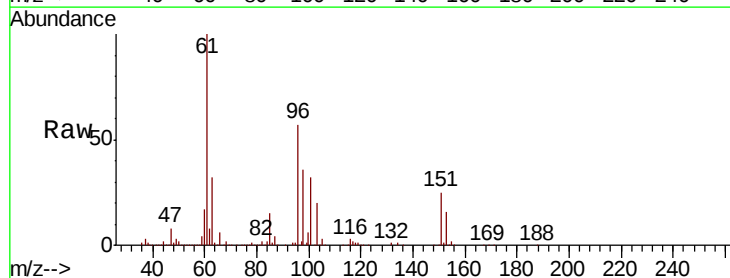
Tot Ion: 59 Resp: 214898
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

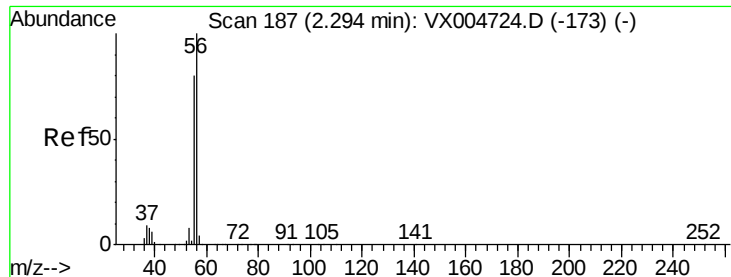


#12

1,1-Dichloroethene
Concen: 49.460 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 96 Resp: 121459
Ion Ratio Lower Upper
96 100
61 176.0 130.2 195.4
98 63.6 53.4 80.0





#13

Acrolein

Concen: 226.981 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

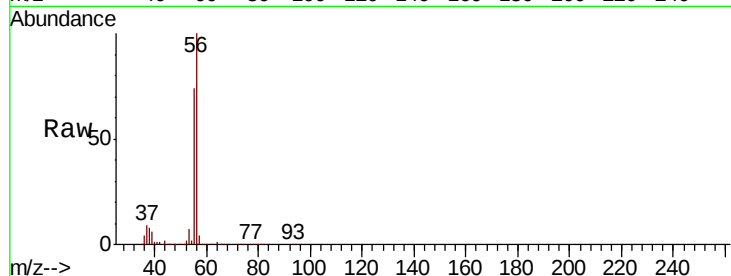
VSTDCCC050

Tot Ion: 56 Resp: 146193

Ion Ratio Lower Upper

56 100

55 71.7 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

100000

80000

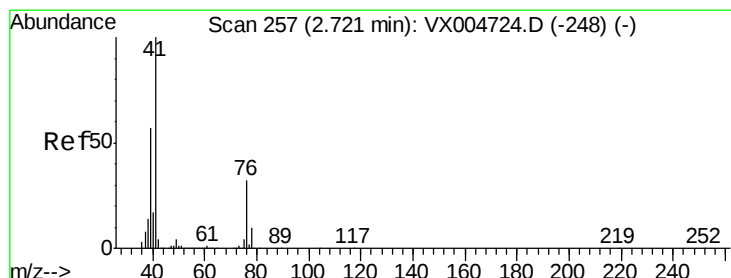
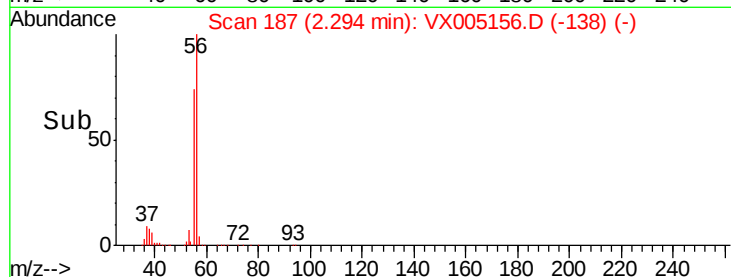
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 51.003 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

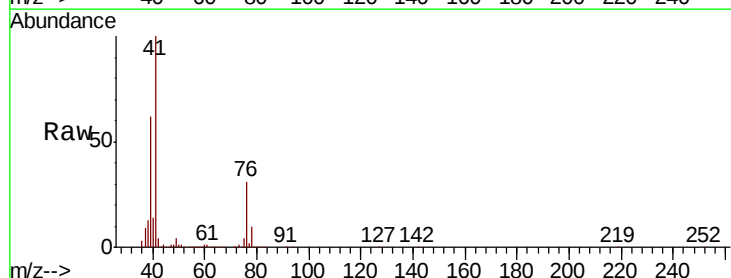
Tgt Ion: 41 Resp: 273281

Ion Ratio Lower Upper

41 100

39 58.5 44.1 66.1

76 28.5 25.0 37.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

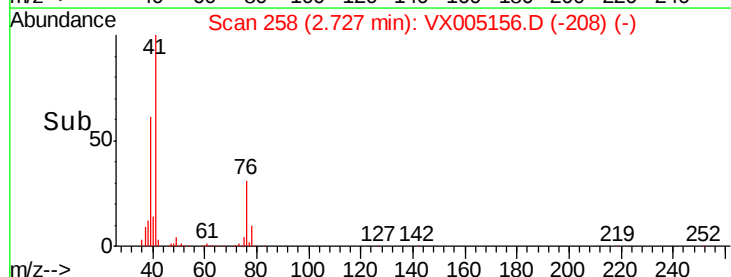
150000

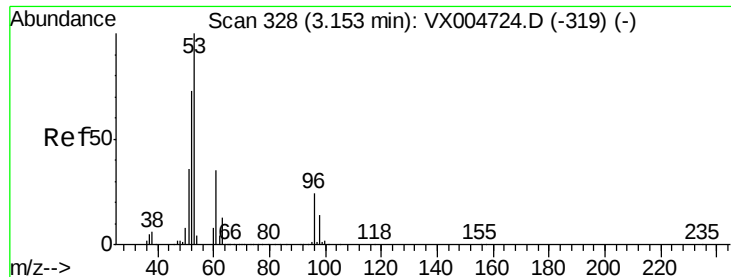
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 241.908 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

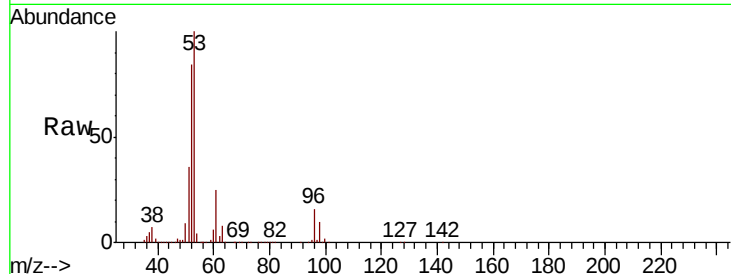
Tot Ion: 53 Resp: 482071

Ion Ratio Lower Upper

53 100

52 83.3 63.0 94.4

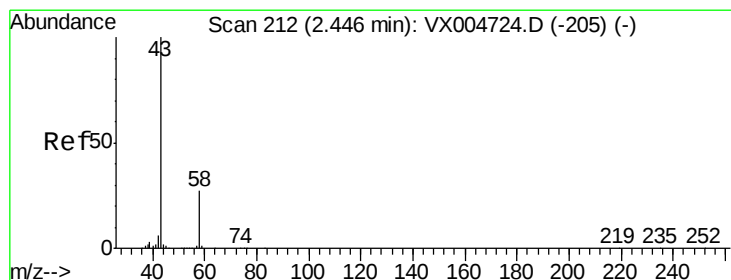
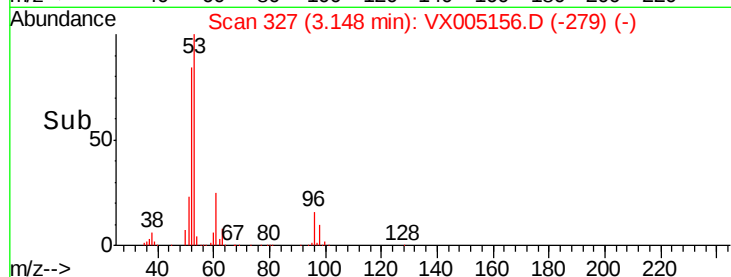
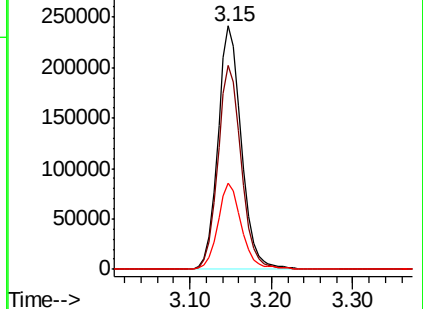
51 35.4 28.6 42.8



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: 252.897 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005156.D

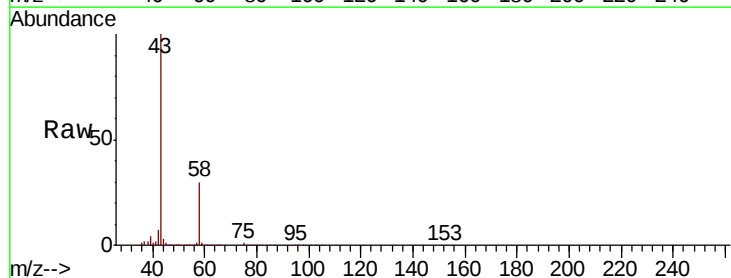
Acq: 09 Oct 2018 13:58

Tgt Ion: 43 Resp: 478008

Ion Ratio Lower Upper

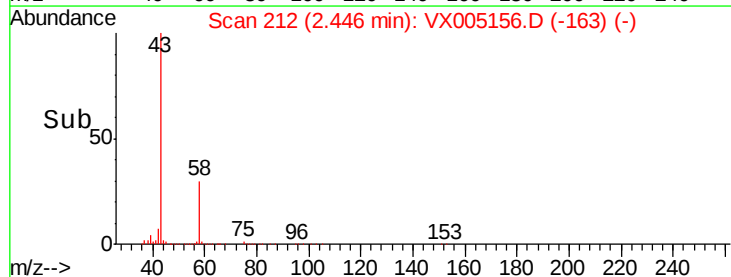
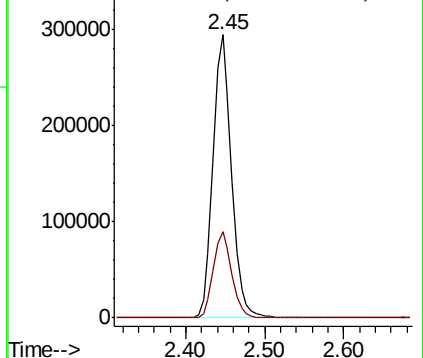
43 100

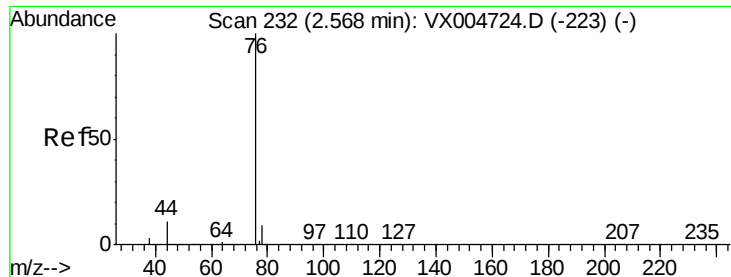
58 30.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

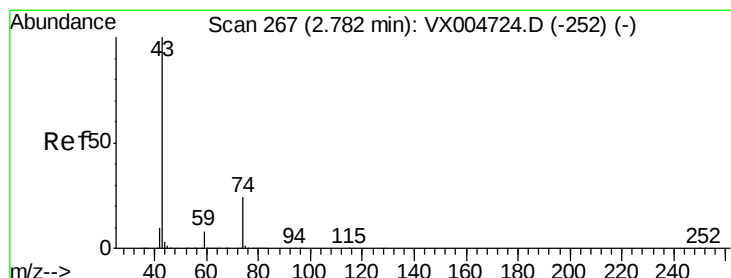
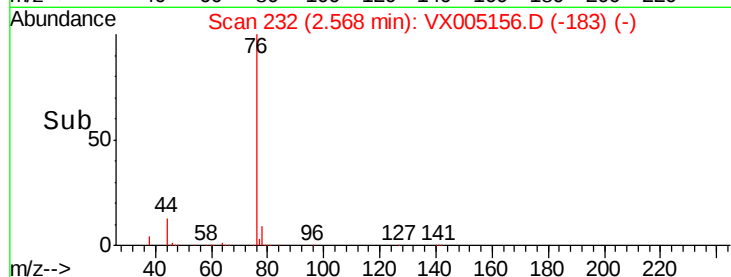
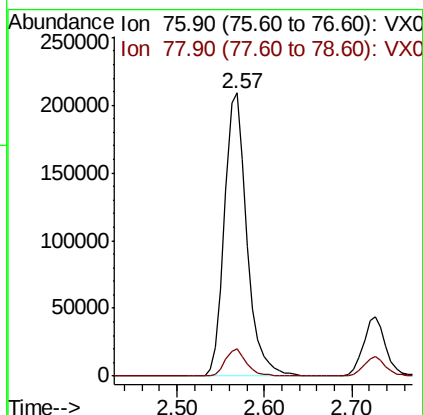
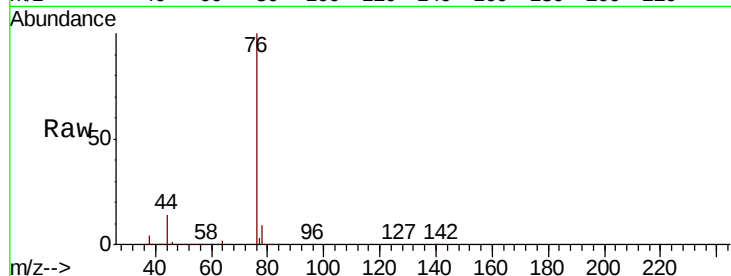




#17
Carbon Disulfide
Concen: 50.222 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

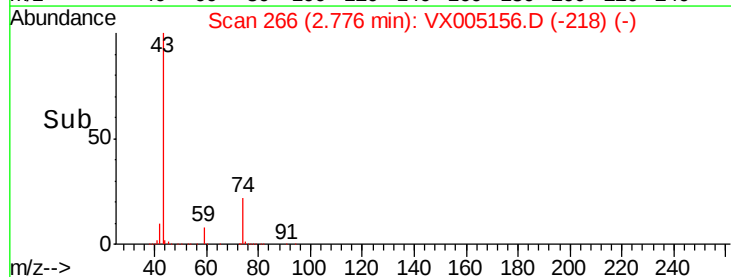
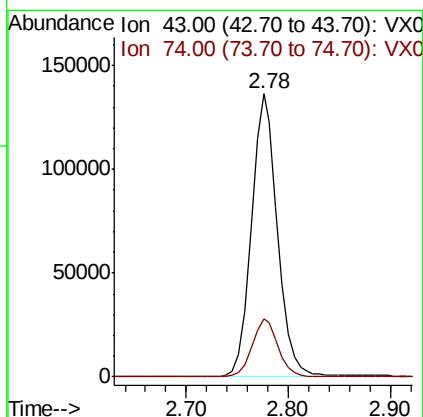
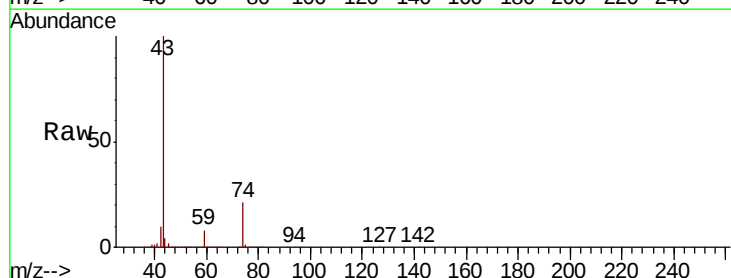
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

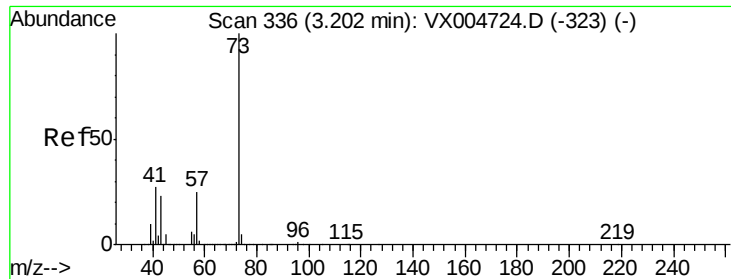
Tot Ion: 76 Resp: 370590
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 50.249 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 43 Resp: 240637
Ion Ratio Lower Upper
43 100
74 20.7 17.8 26.8

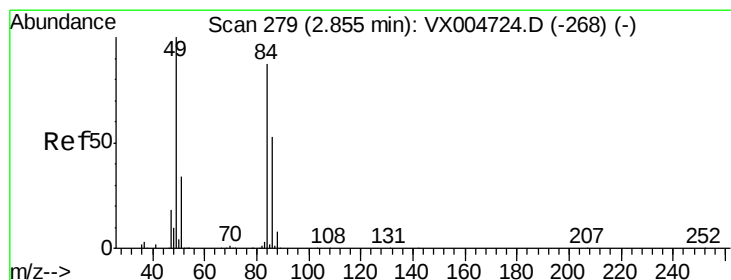
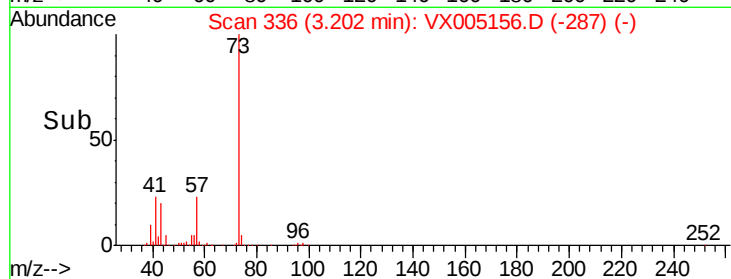
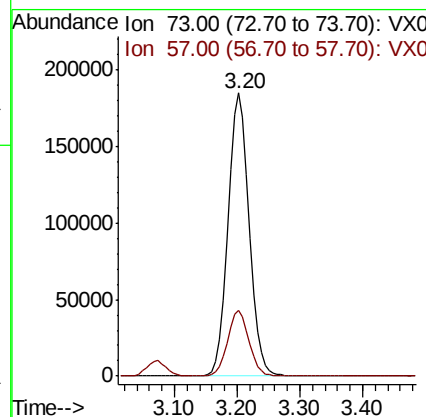
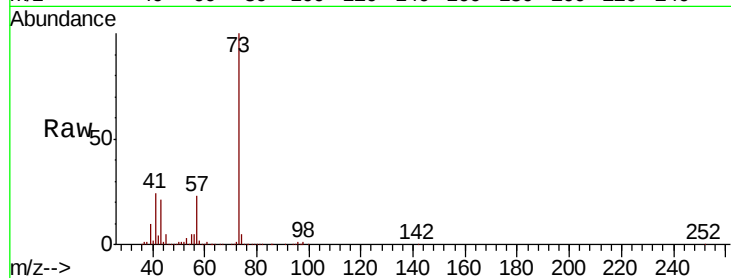




#19
Methvl tert-butvl Ether
Concen: 50.629 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

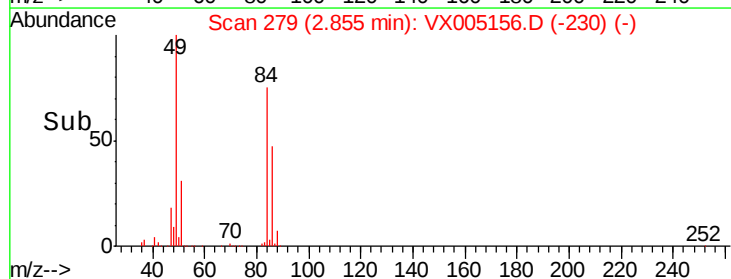
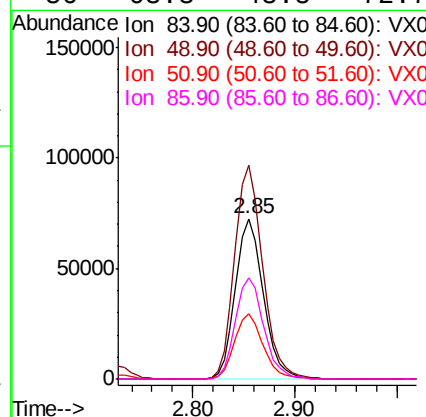
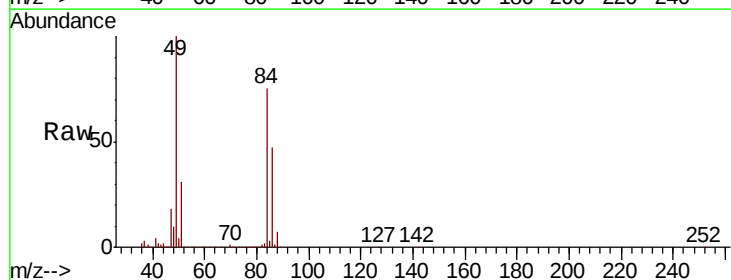
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

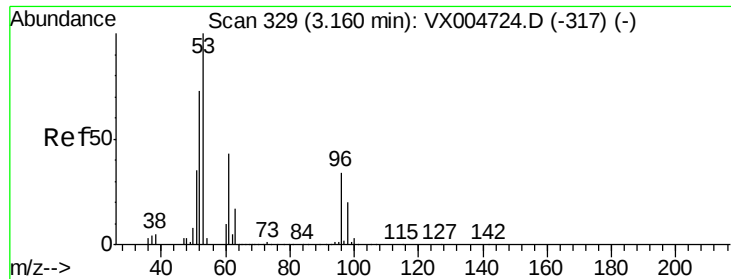
Tot Ion: 73 Resp: 428858
Ion Ratio Lower Upper
73 100
57 23.4 19.9 29.9



#20
Methylene Chloride
Concen: 50.156 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 84 Resp: 137829
Ion Ratio Lower Upper
84 100
49 133.2 92.3 138.5
51 40.8 31.8 47.6
86 63.3 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 48.265 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

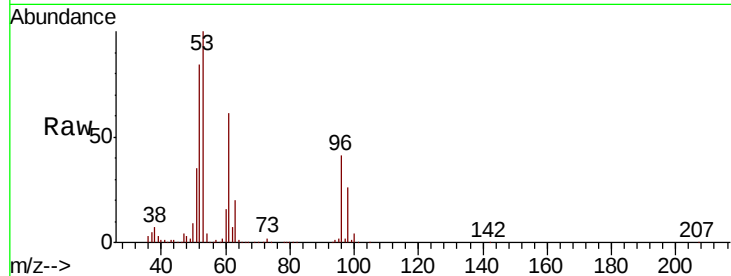
Tot Ion: 96 Resp: 129745

Ion Ratio Lower Upper

96 100

61 149.1 101.0 151.6

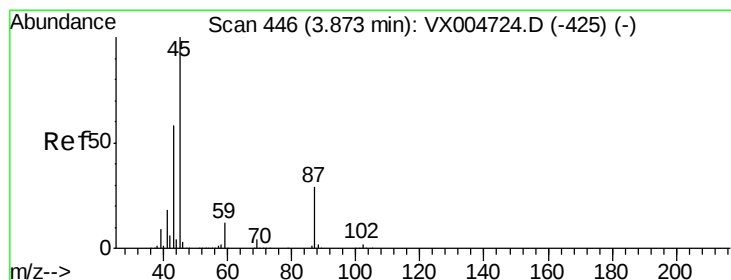
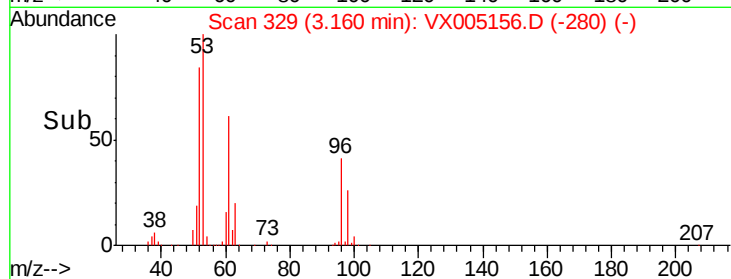
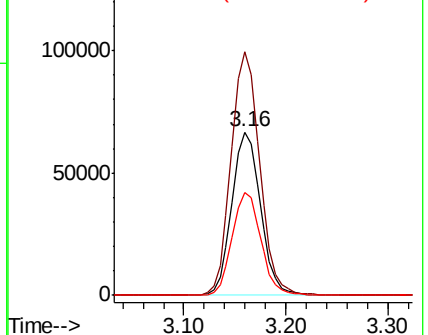
98 62.8 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.943 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion: 45 Resp: 477680

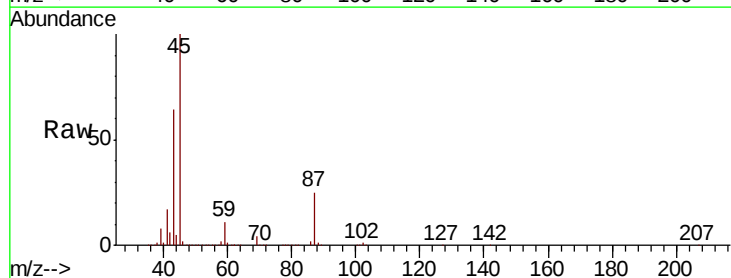
Ion Ratio Lower Upper

45 100

43 63.5 46.7 70.1

87 24.7 22.9 34.3

59 11.4 9.3 13.9

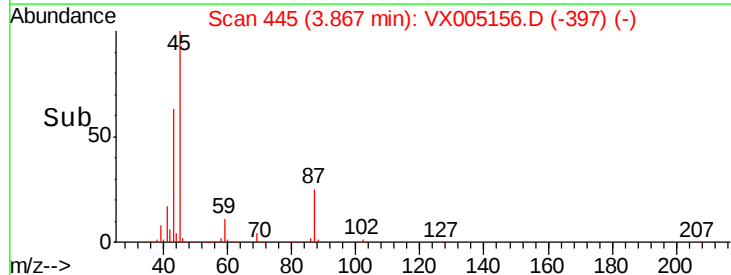
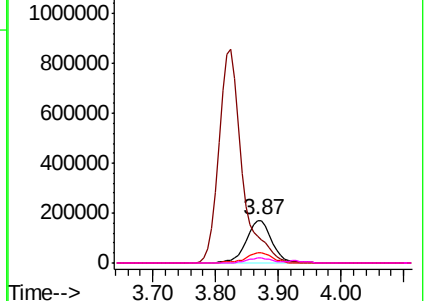


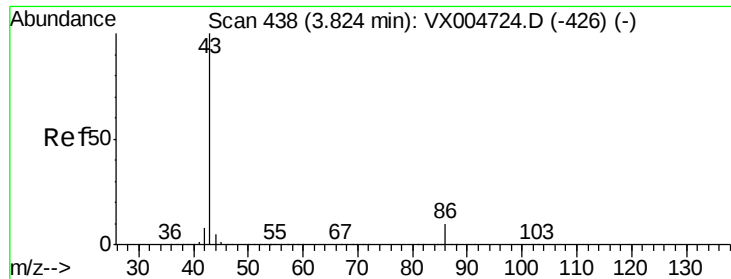
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 265.484 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

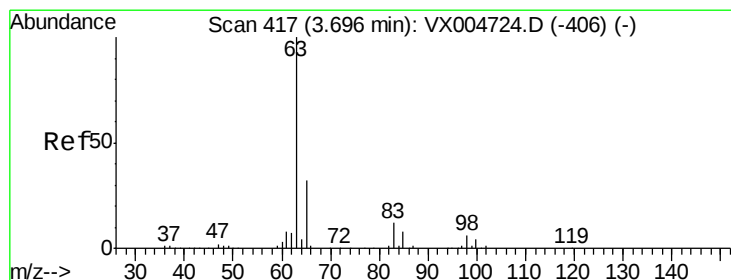
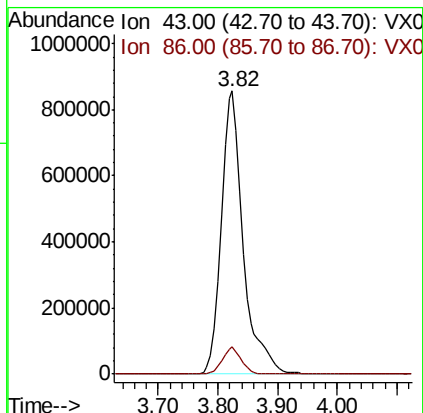
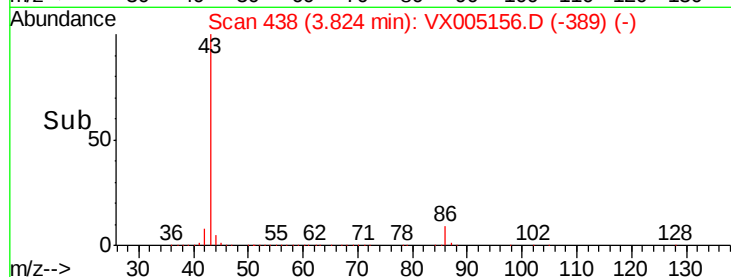
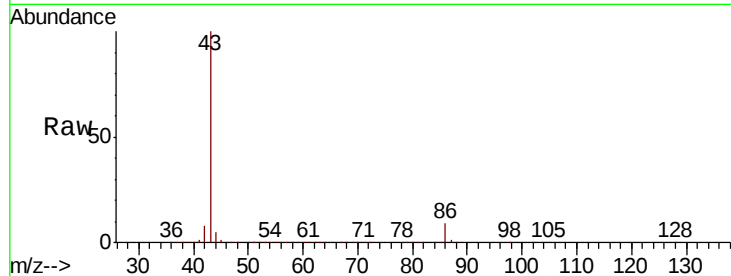
VSTDCCC050

Tot Ion: 43 Resp: 2192613

Ion Ratio Lower Upper

43 100

86 9.5 8.1 12.1



#24

1,1-Dichloroethane

Concen: 47.687 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

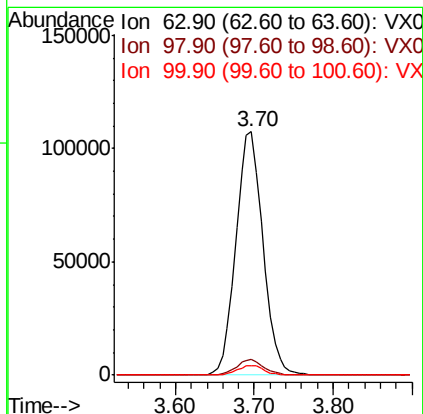
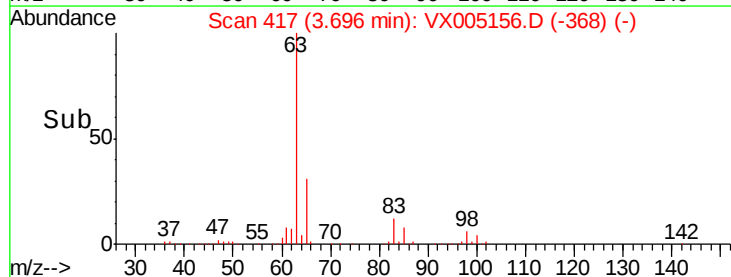
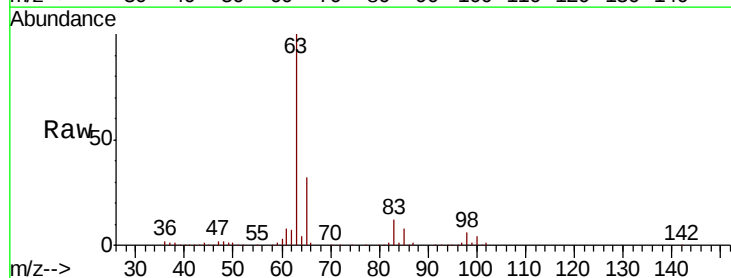
Tgt Ion: 63 Resp: 256656

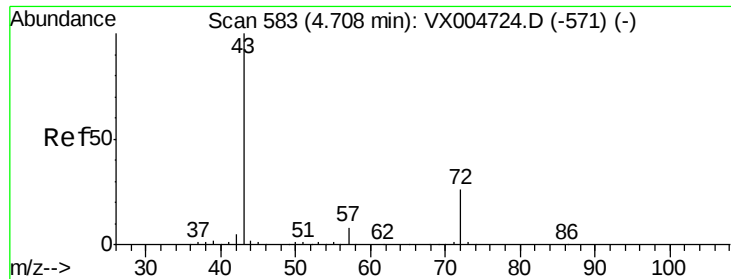
Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 4.0 2.0 5.8





#25

2-Butanone

Concen: 234.675 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

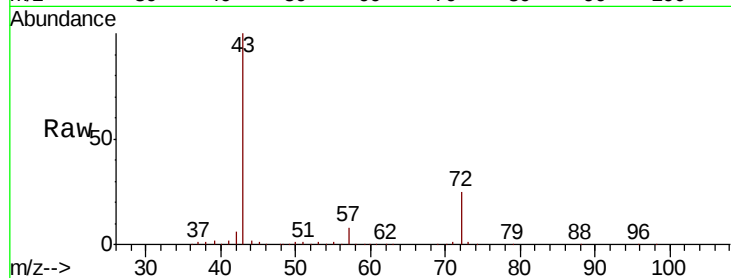
VSTDCCC050

Tot Ion: 43 Resp: 653829

Ion Ratio Lower Upper

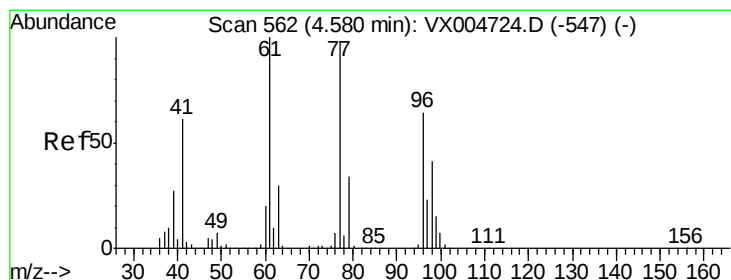
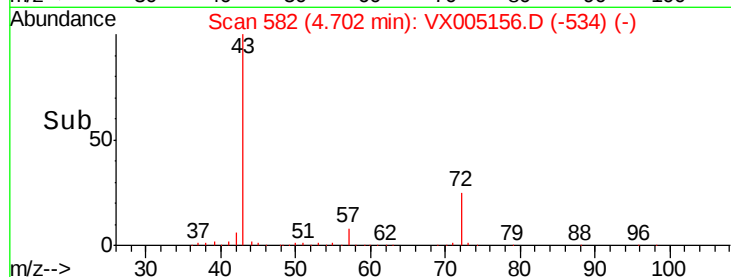
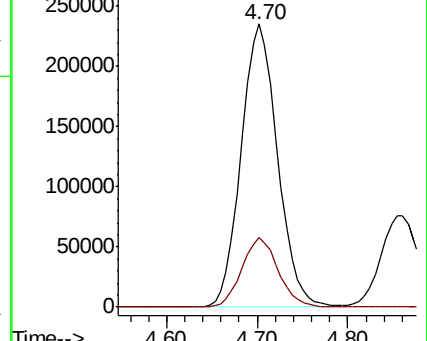
43 100

72 24.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.246 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005156.D

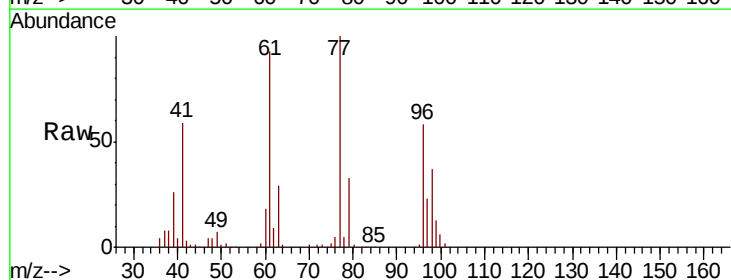
Acq: 09 Oct 2018 13:58

Tgt Ion: 77 Resp: 192062

Ion Ratio Lower Upper

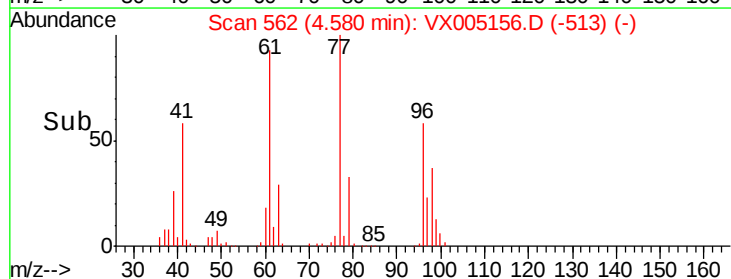
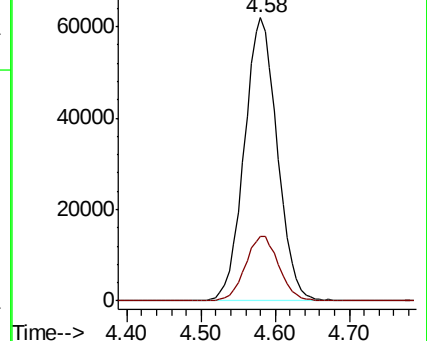
77 100

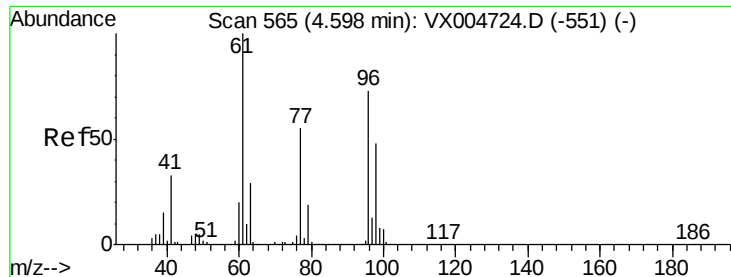
97 23.3 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



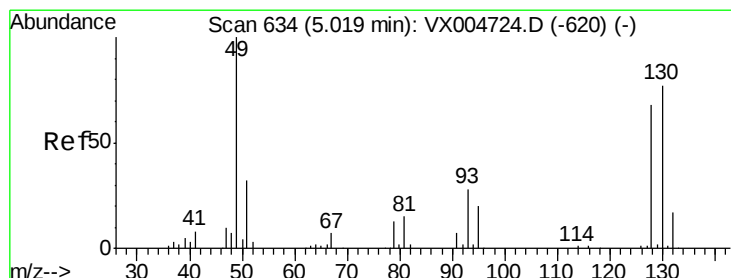
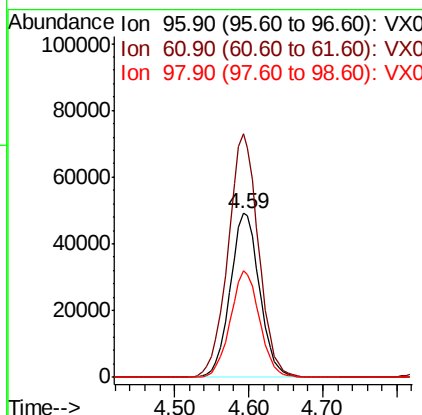
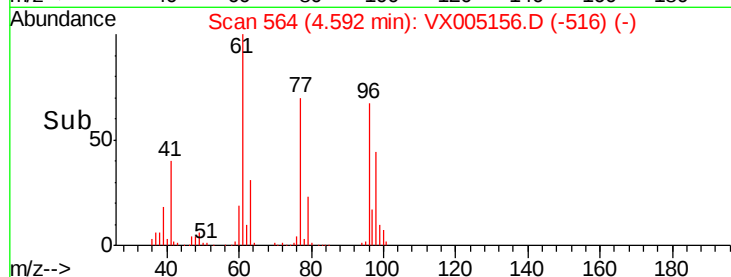
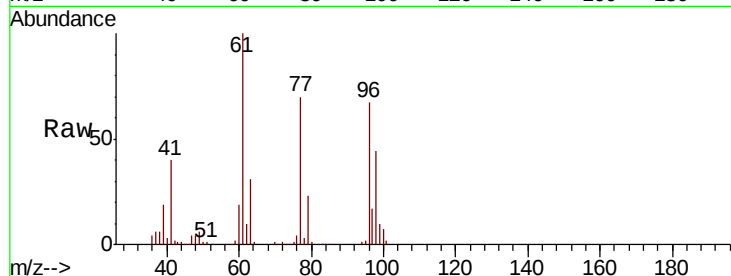


#27

cis-1,2-Dichloroethene
Concen: 45.309 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

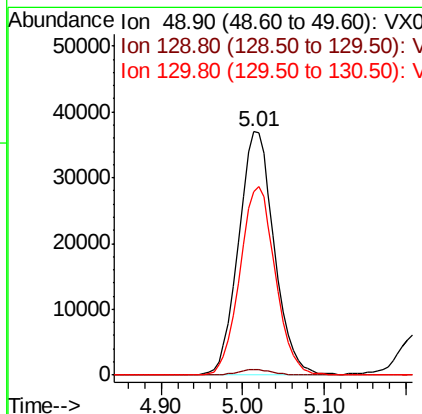
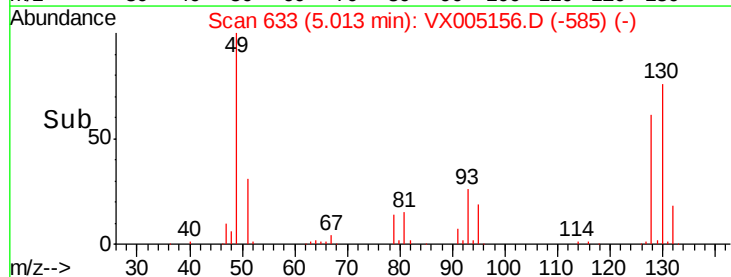
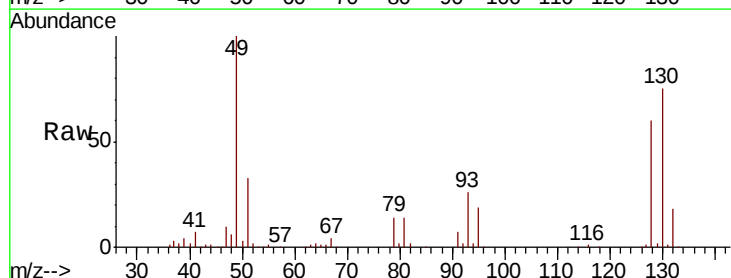
Tot Ion: 96 Resp: 136068
Ion Ratio Lower Upper
96 100
61 153.2 0.0 285.8
98 64.7 0.0 136.2

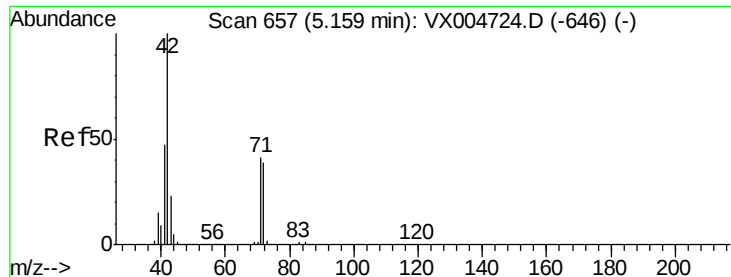


#28

Bromochloromethane
Concen: 44.333 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 49 Resp: 112362
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 76.9 62.0 93.0

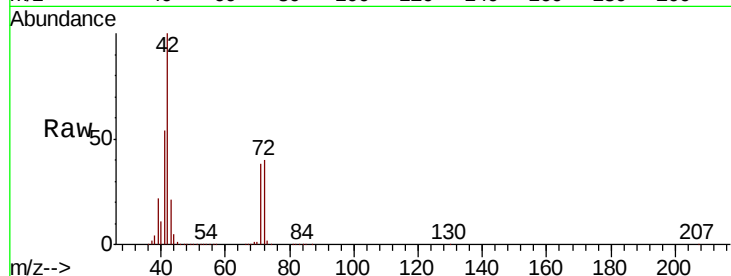




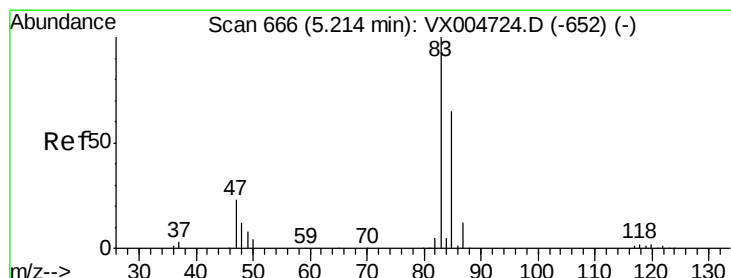
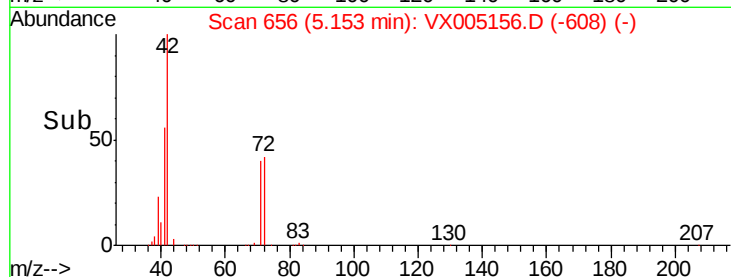
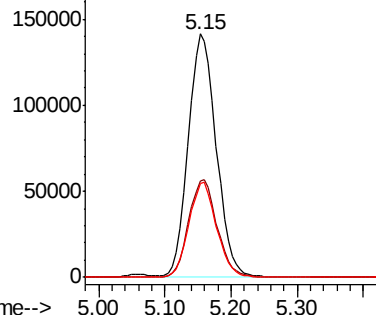
#29
Tetrahydrofuran
Concen: 239.373 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 414515
Ion Ratio Lower Upper
42 100
72 41.1 33.7 50.5
71 38.7 32.2 48.4

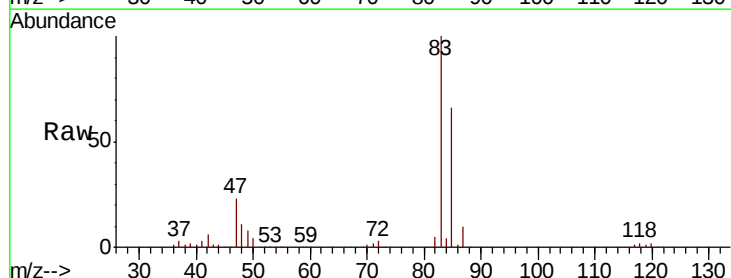


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

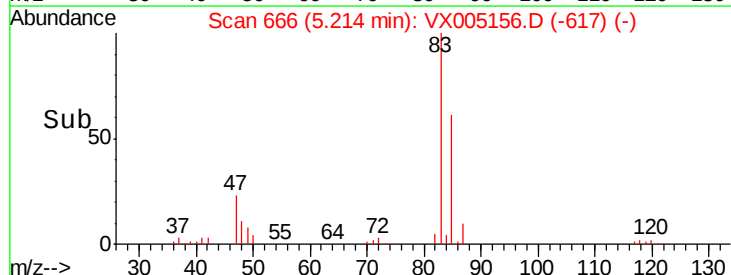
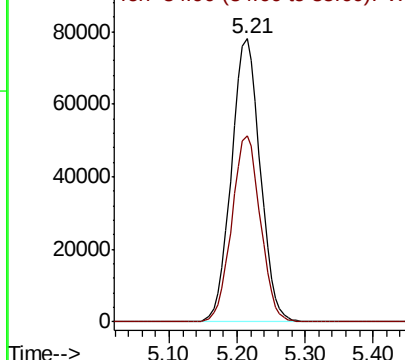


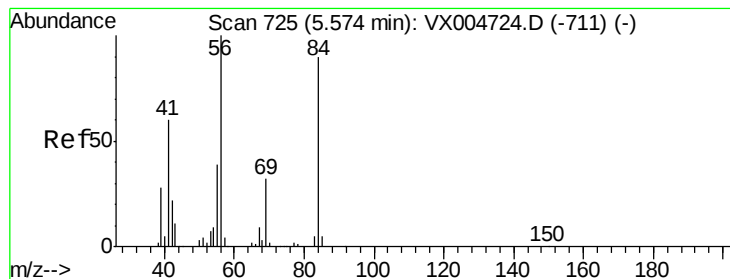
#30
Chloroform
Concen: 45.064 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 83 Resp: 229222
Ion Ratio Lower Upper
83 100
85 65.6 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.502 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

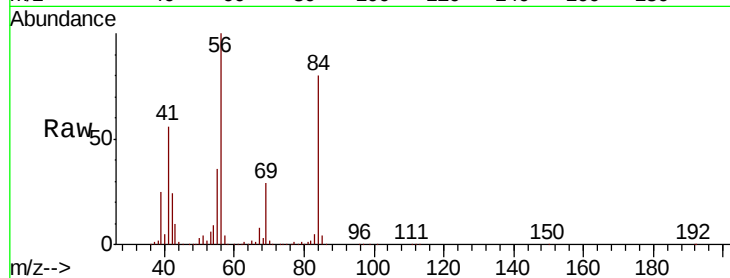
Tot Ion: 56 Resp: 220391

Ion Ratio Lower Upper

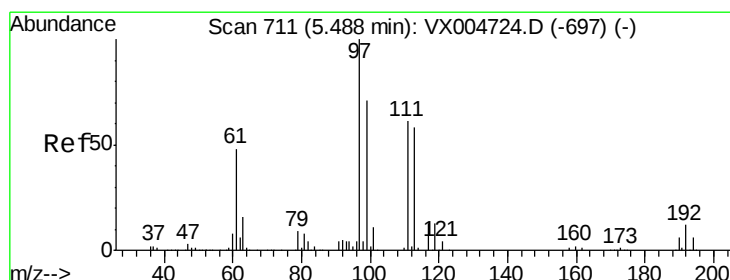
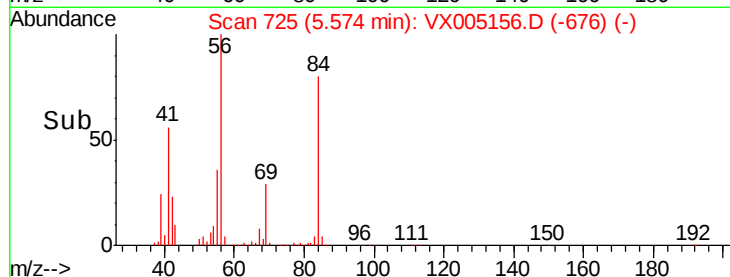
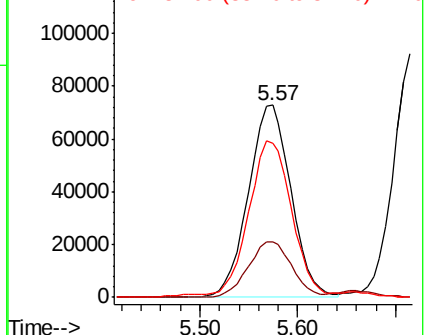
56 100

69 28.7 25.9 38.9

84 79.0 71.9 107.9



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: 48.342 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

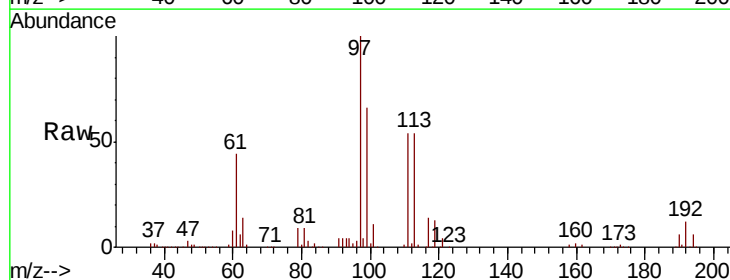
Tgt Ion: 97 Resp: 200818

Ion Ratio Lower Upper

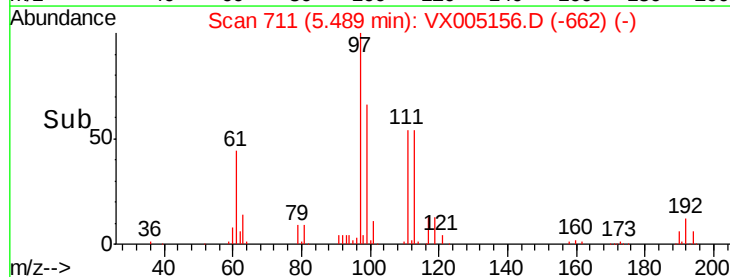
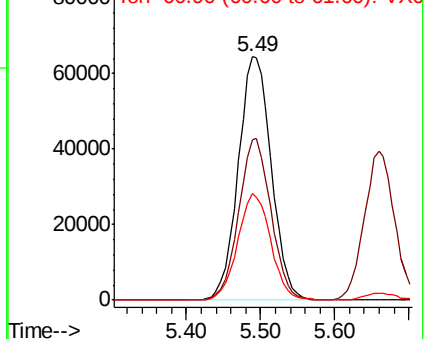
97 100

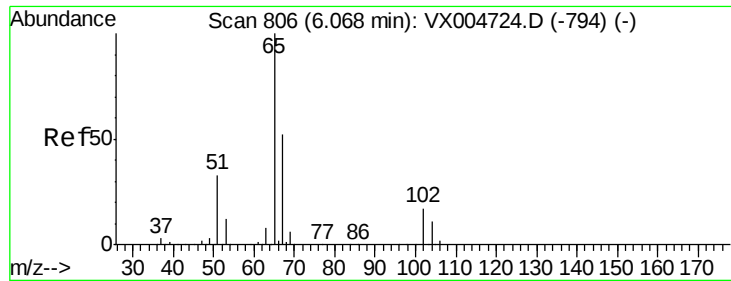
99 64.7 54.6 82.0

61 43.7 37.5 56.3



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

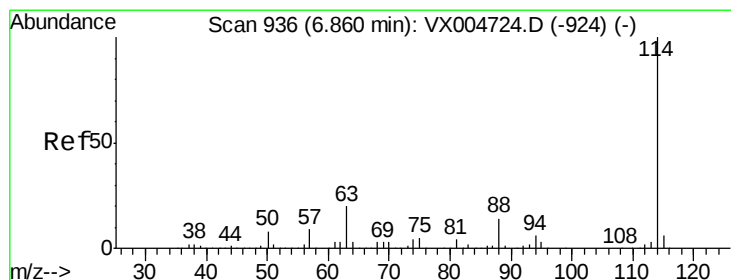
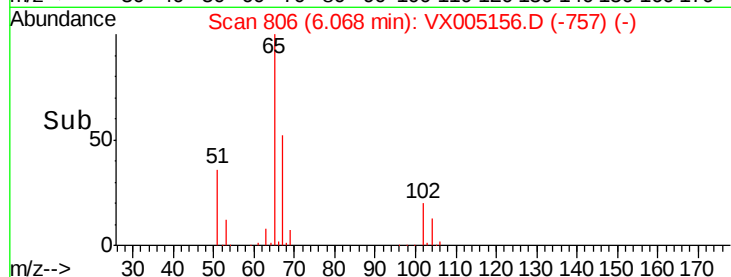
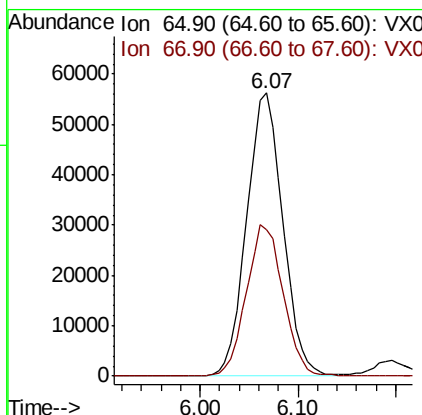
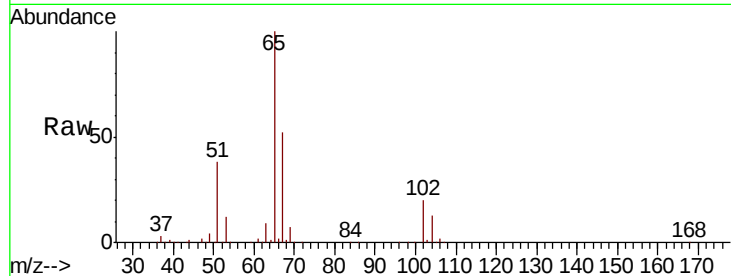




#33
 1,2-Dichloroethane-d4
 Concen: 44.694 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

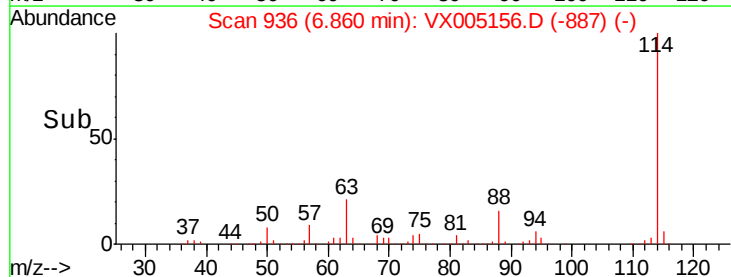
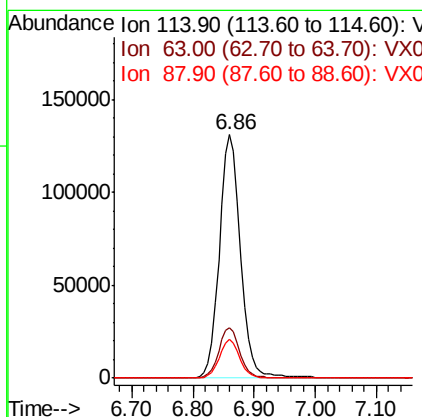
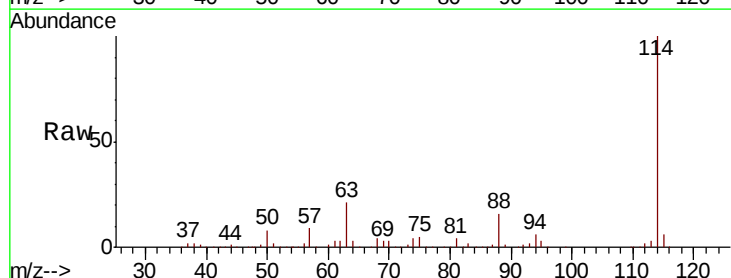
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

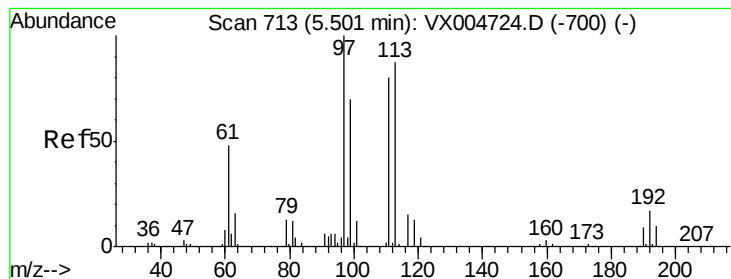
Tot Ion: 65 Resp: 144697
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion: 114 Resp: 315305
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 16.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 44.893 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

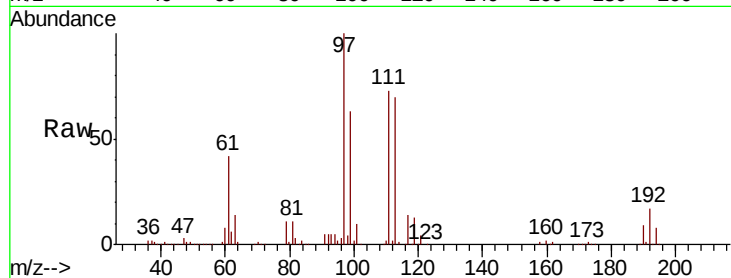
Tot Ion:113 Resp: 119965

Ion Ratio Lower Upper

113 100

111 102.7 77.0 115.4

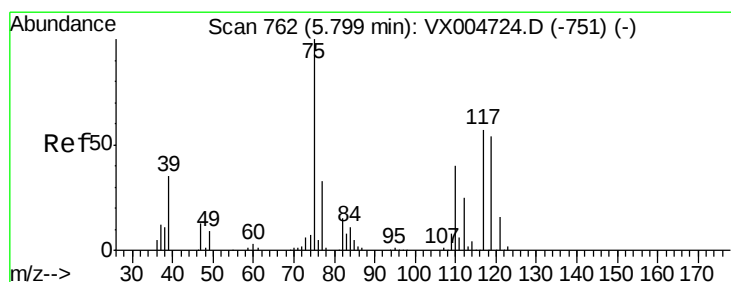
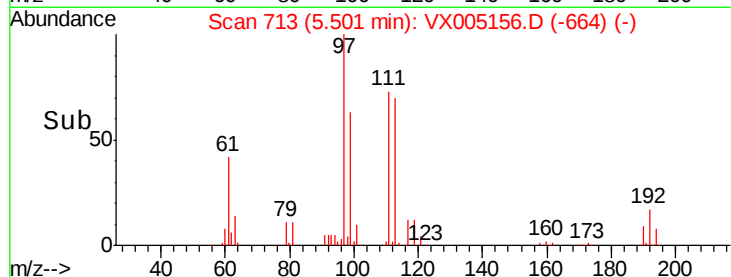
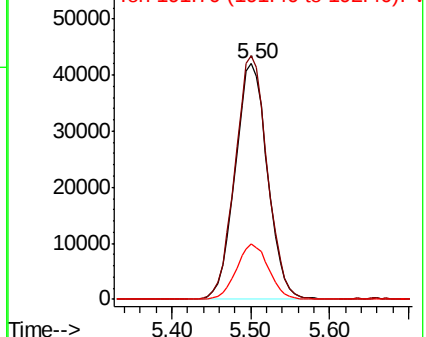
192 23.3 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.648 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

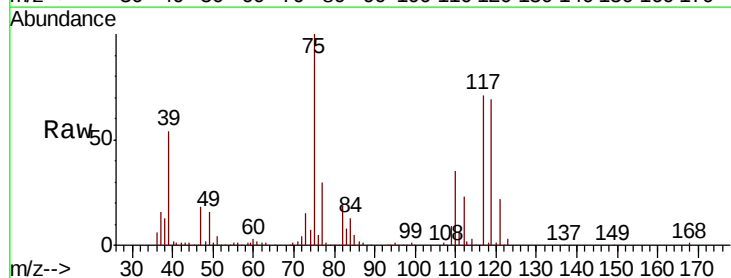
Tgt Ion: 75 Resp: 181014

Ion Ratio Lower Upper

75 100

110 35.4 20.0 59.9

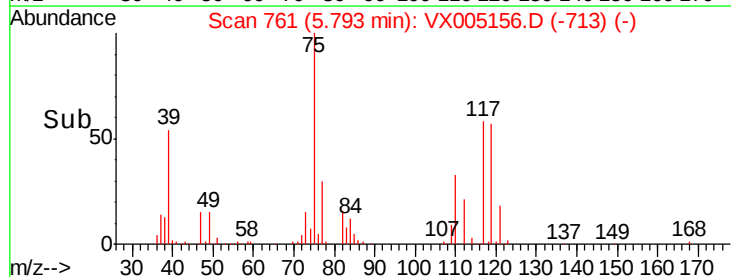
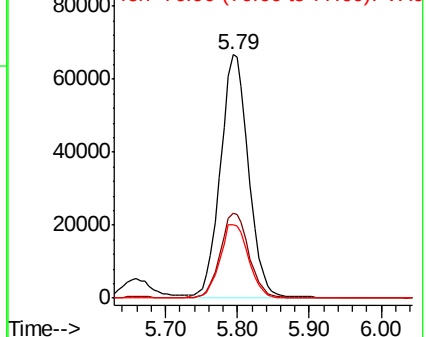
77 31.4 27.1 40.7

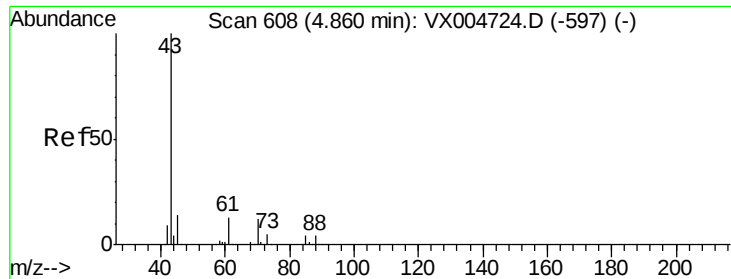


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

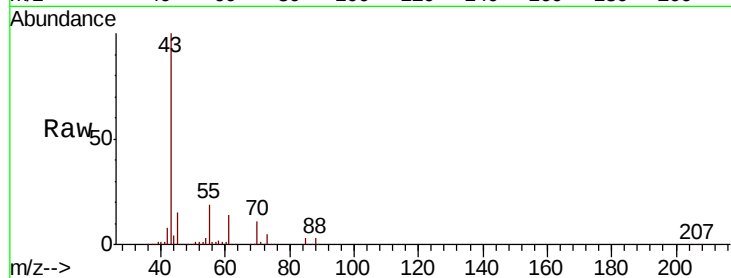




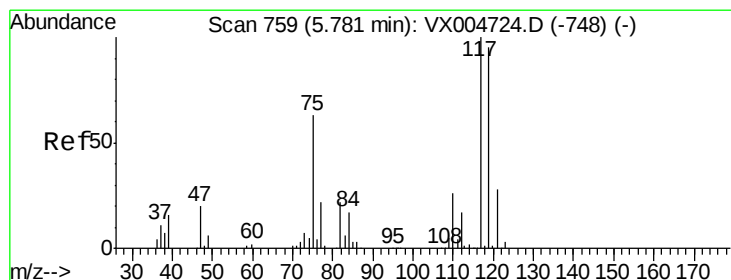
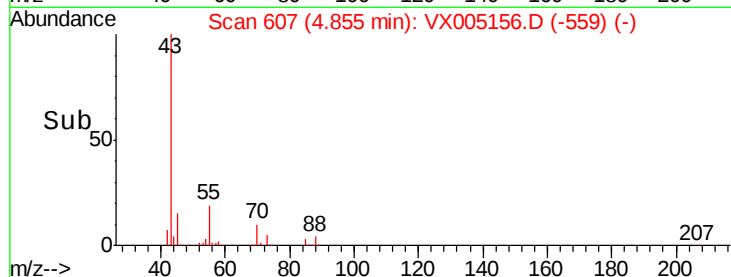
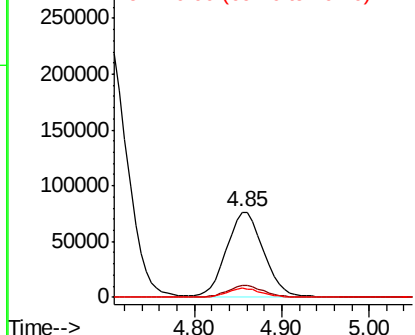
#37
Ethyl Acetate
Concen: 46.445 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 224778
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.0 8.7 13.1

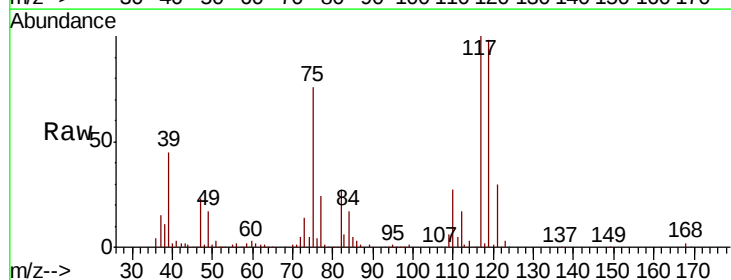


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

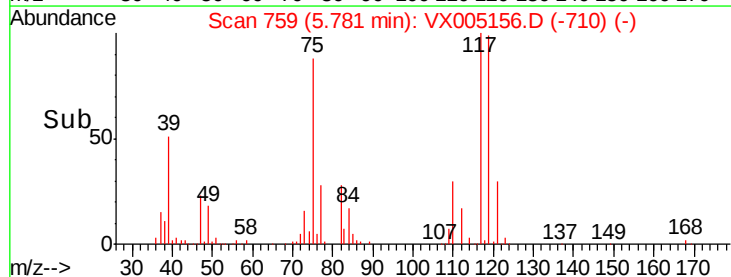
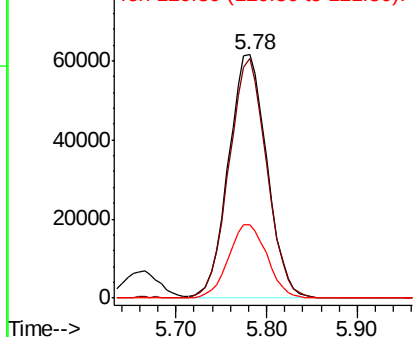


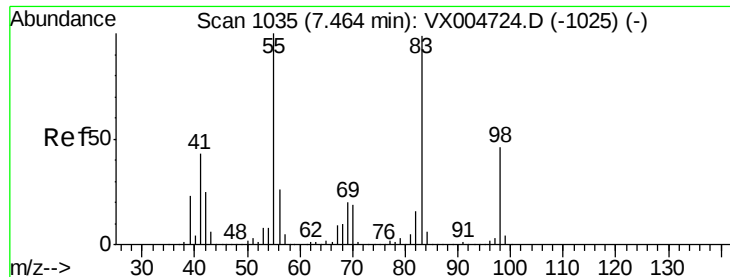
#38
Carbon Tetrachloride
Concen: 47.063 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 117 Resp: 180371
Ion Ratio Lower Upper
117 100
119 98.4 75.2 112.8
121 30.3 22.5 33.7



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

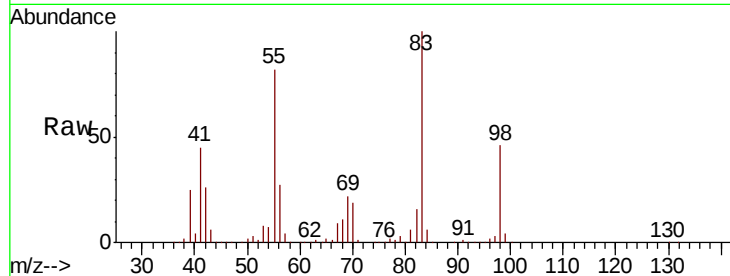




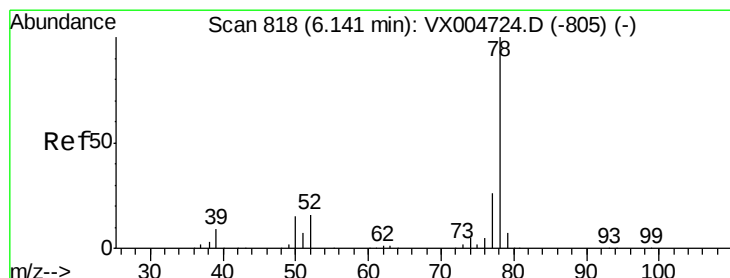
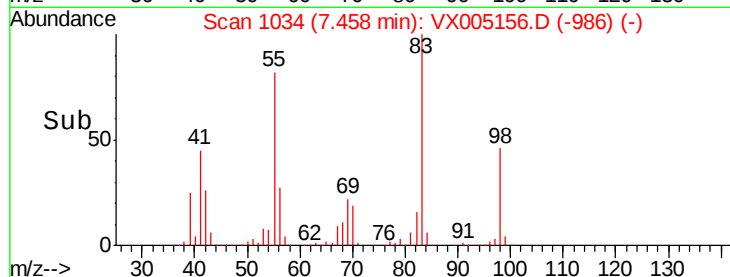
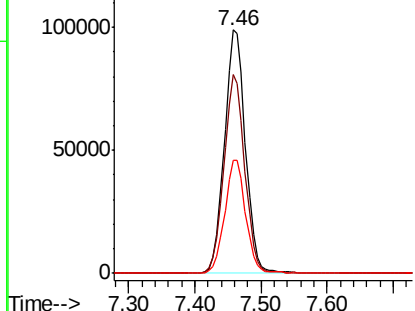
#39
Methvlcvclohexane
Concen: 58.752 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 218729
Ion Ratio Lower Upper
83 100
55 81.5 81.1 121.7
98 46.5 37.3 55.9

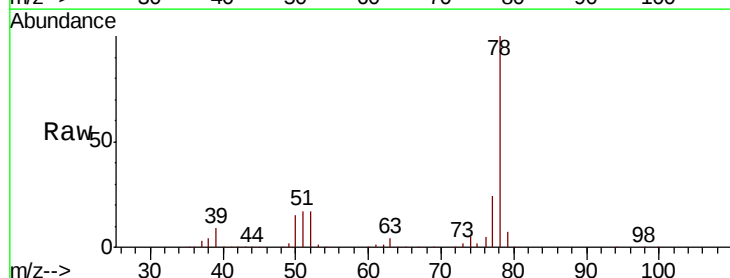


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

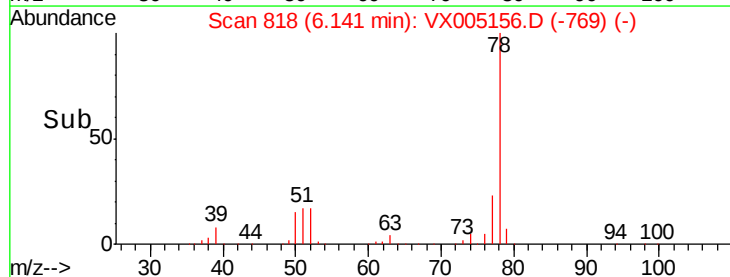
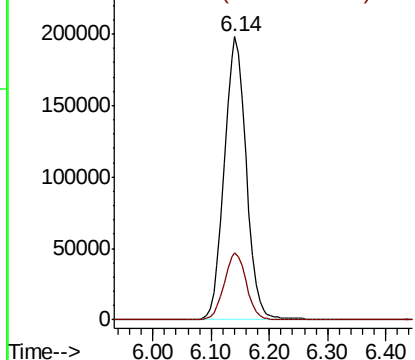


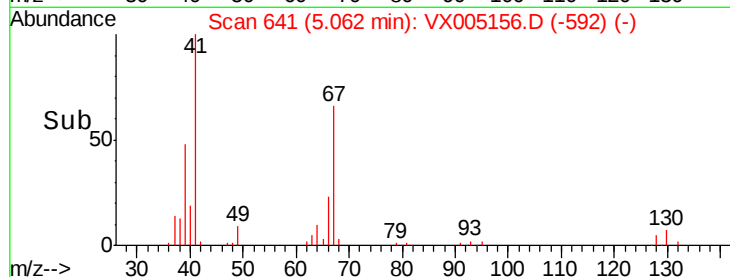
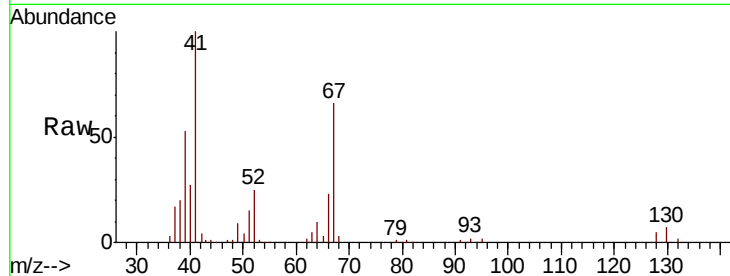
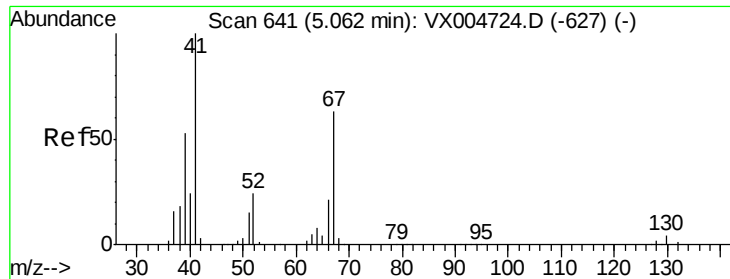
#40
Benzene
Concen: 45.768 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 78 Resp: 522408
Ion Ratio Lower Upper
78 100
77 23.7 21.0 31.4



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





#41

Methacrylonitrile

Concen: 46.328 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 124341

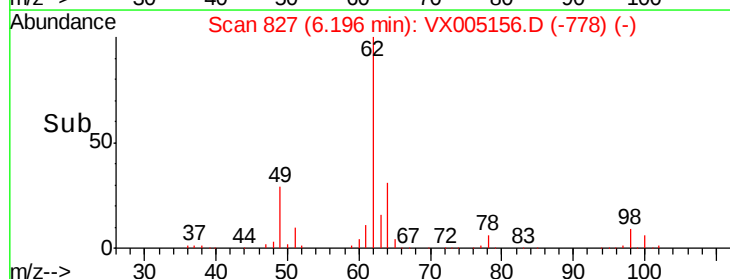
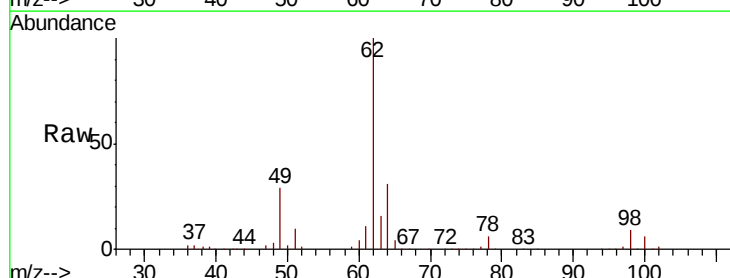
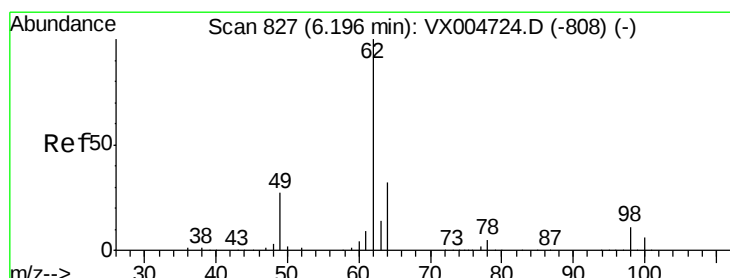
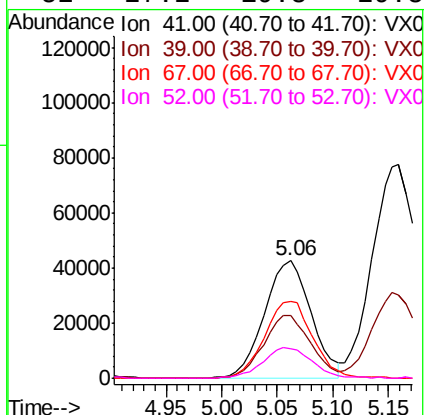
Ion Ratio Lower Upper

41 100

39 54.0 42.5 63.7

67 68.3 53.0 79.6

52 27.2 19.8 29.8



#42

1,2-Dichloroethane

Concen: 46.034 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX005156.D

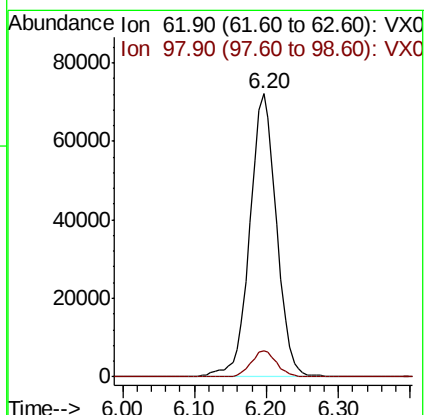
Acq: 09 Oct 2018 13:58

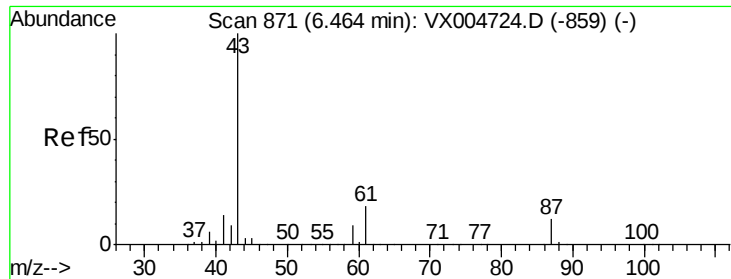
Tgt Ion: 62 Resp: 185750

Ion Ratio Lower Upper

62 100

98 9.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 47.562 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

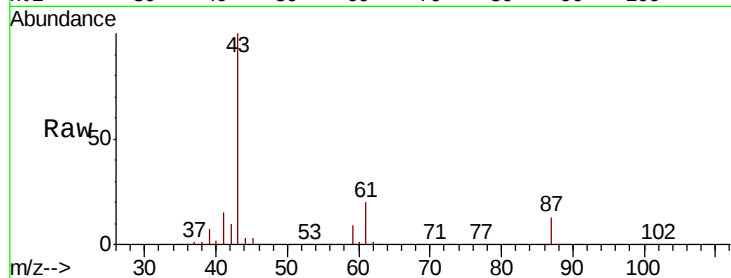
Tot Ion: 43 Resp: 332232

Ion Ratio Lower Upper

43 100

61 19.5 14.2 21.4

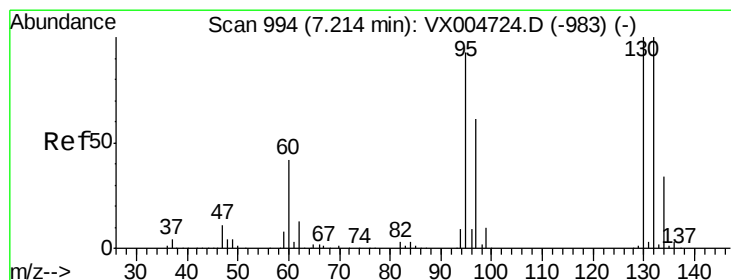
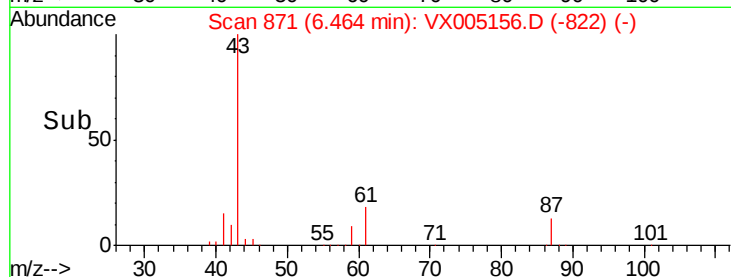
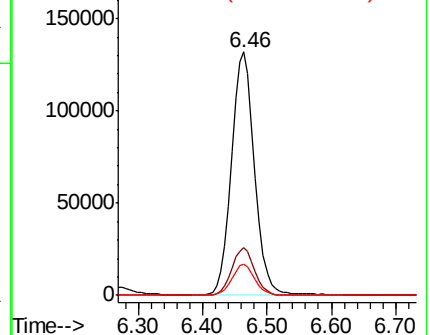
87 12.7 9.3 13.9



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: 50.823 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005156.D

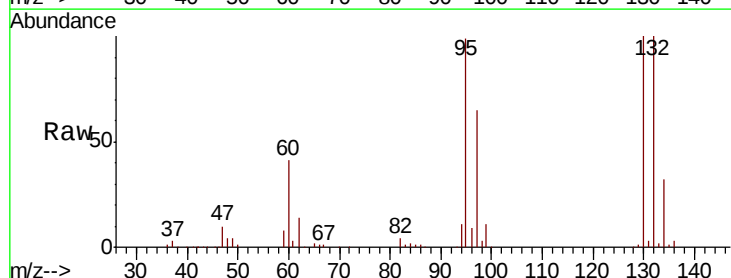
Acq: 09 Oct 2018 13:58

Tgt Ion:130 Resp: 142610

Ion Ratio Lower Upper

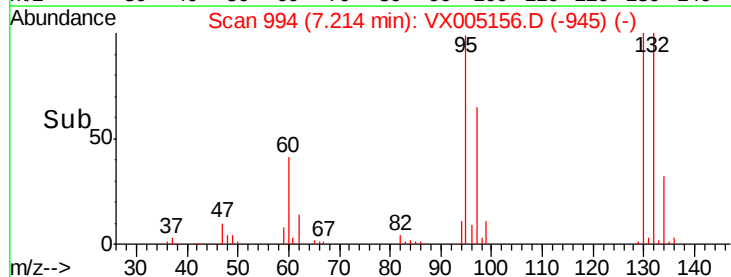
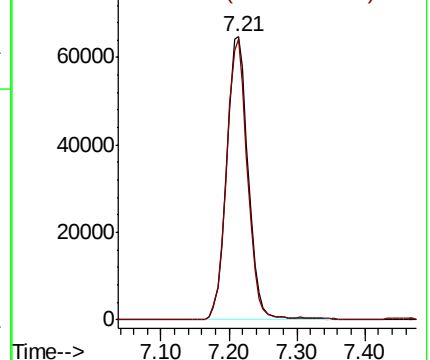
130 100

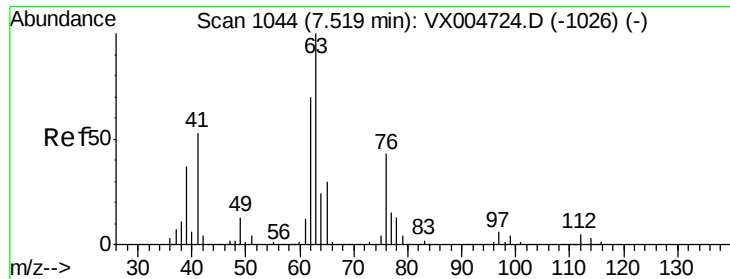
95 99.4 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.085 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

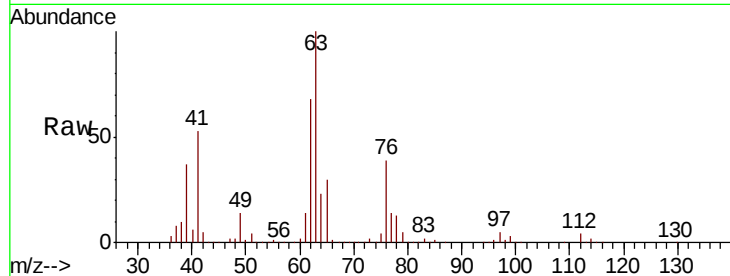
VSTDCCC050

Tot Ion: 63 Resp: 145795

Ion Ratio Lower Upper

63 100

65 29.8 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

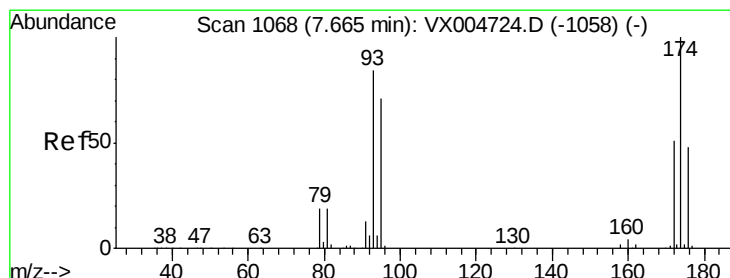
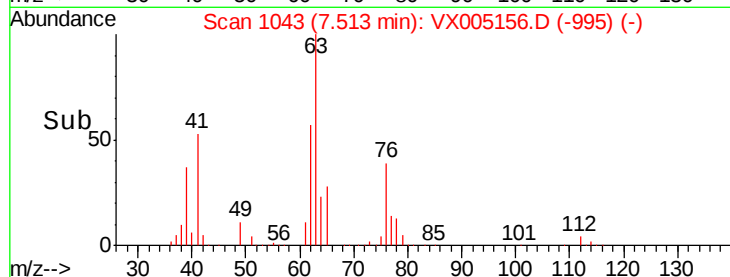
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 51.055 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

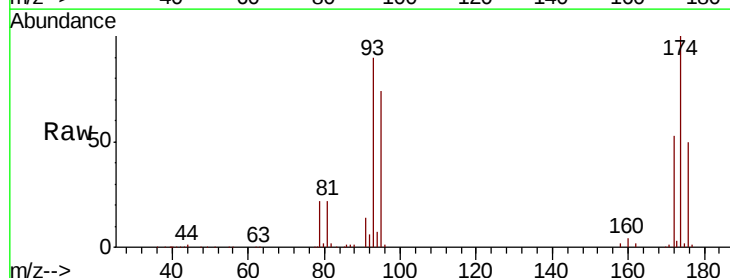
Tgt Ion: 93 Resp: 89814

Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

174 116.0 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

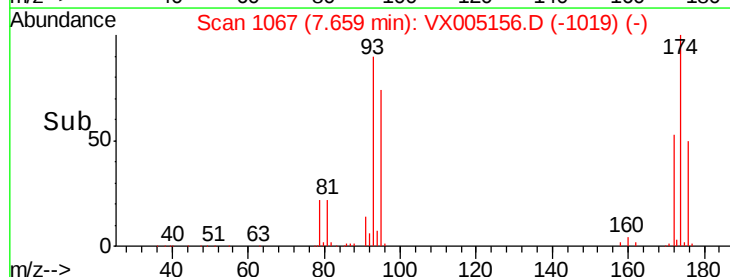
60000

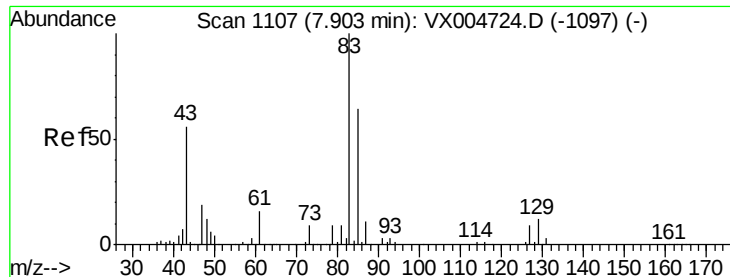
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 52.545 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

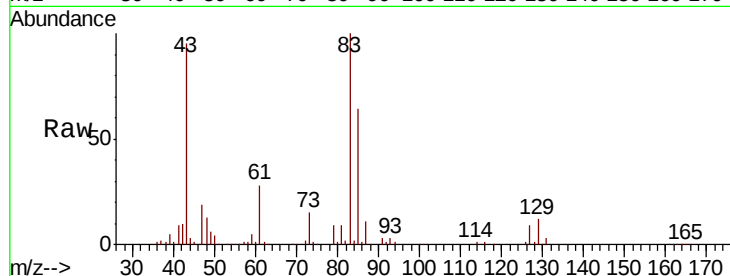
Tot Ion: 83 Resp: 173062

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

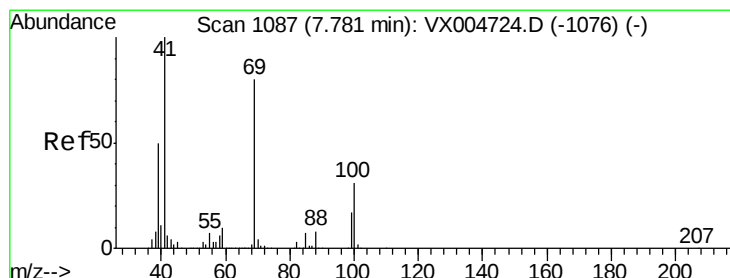
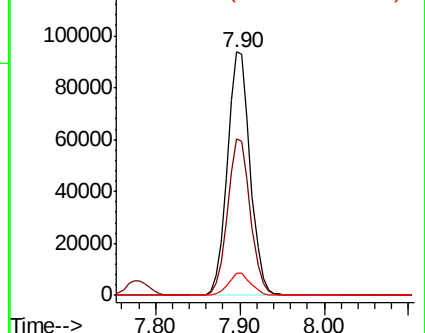
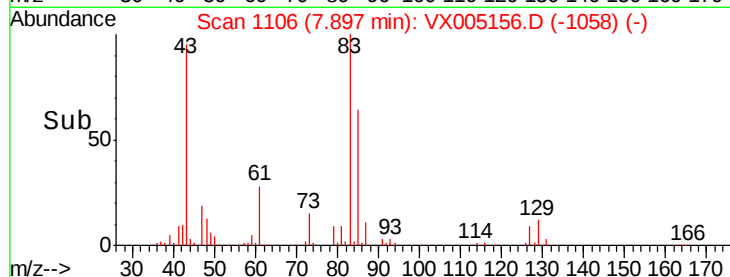
127 9.1 7.0 10.6



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: 55.528 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

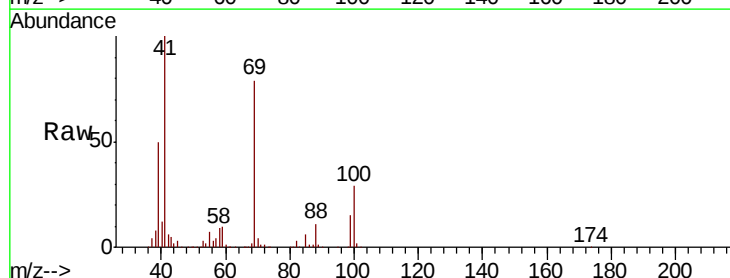
Tgt Ion: 41 Resp: 176053

Ion Ratio Lower Upper

41 100

69 80.8 63.8 95.6

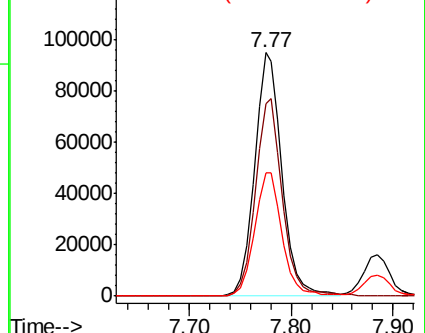
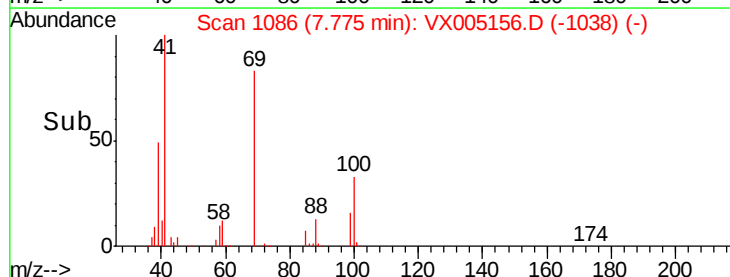
39 50.9 40.7 61.1

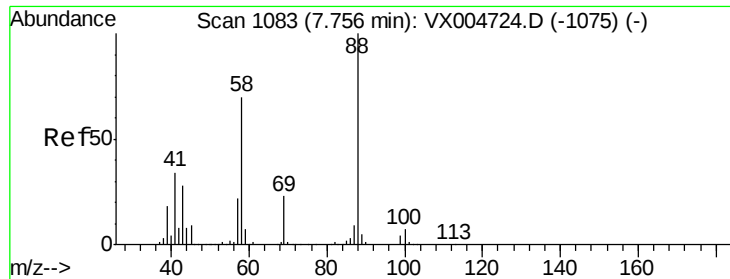


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

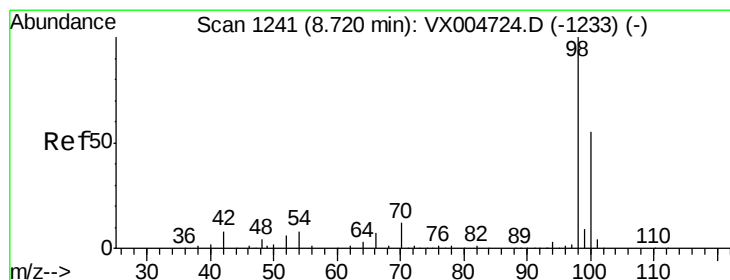
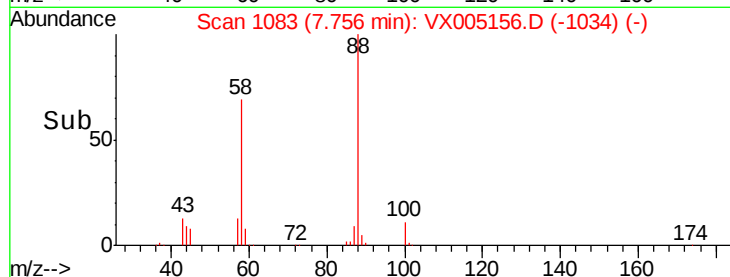
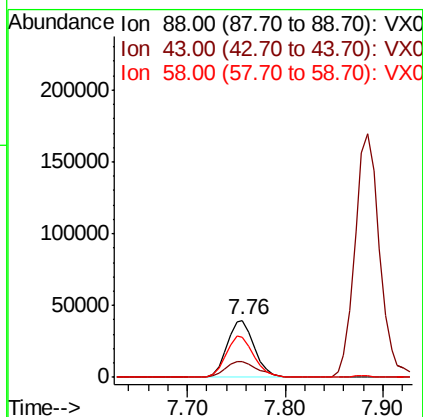
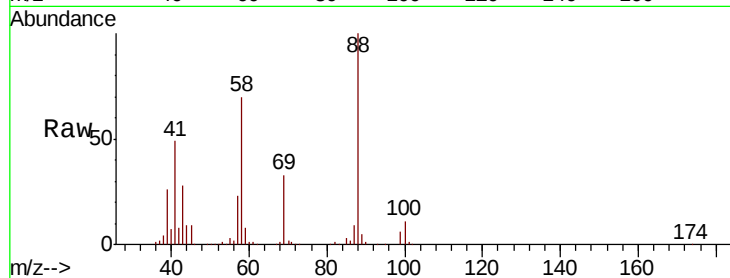




#49
1,4-Dioxane
Concen: 975.308 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

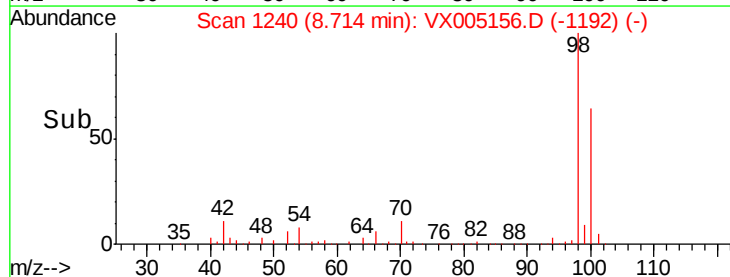
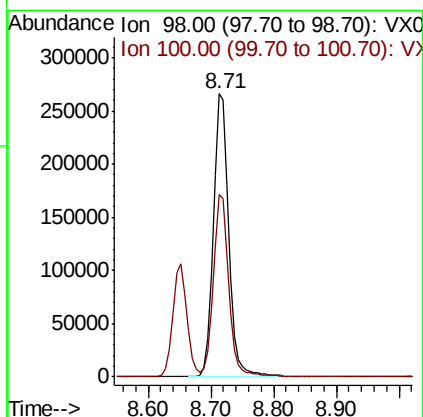
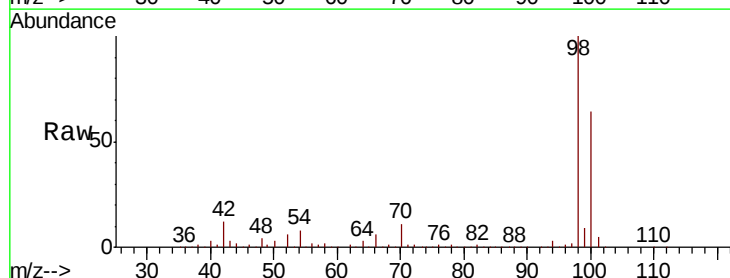
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

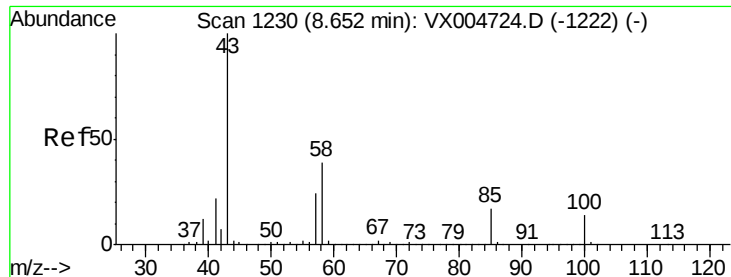
Tot Ion: 88 Resp: 76823
Ion Ratio Lower Upper
88 100
43 33.1 25.1 37.7
58 74.0 56.2 84.2



#50
Toluene-d8
Concen: 50.681 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 98 Resp: 450240
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 269.877 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

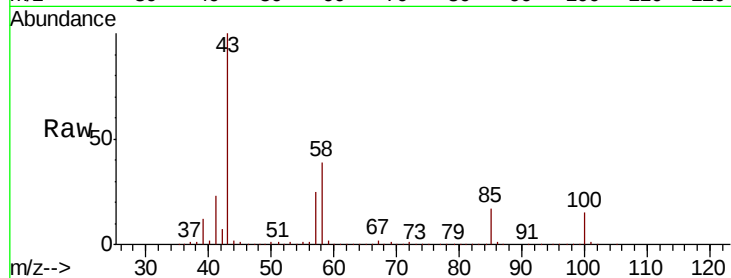
VSTDCCC050

Tot Ion: 43 Resp: 1186986

Ion Ratio Lower Upper

43 100

58 38.7 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

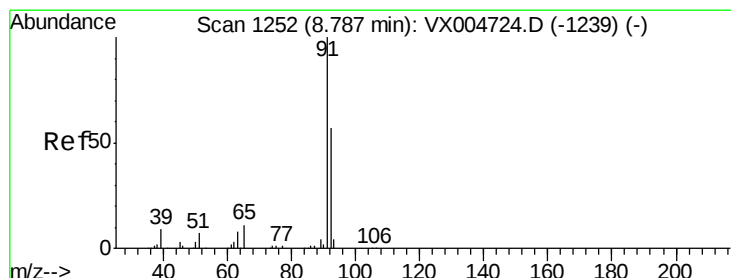
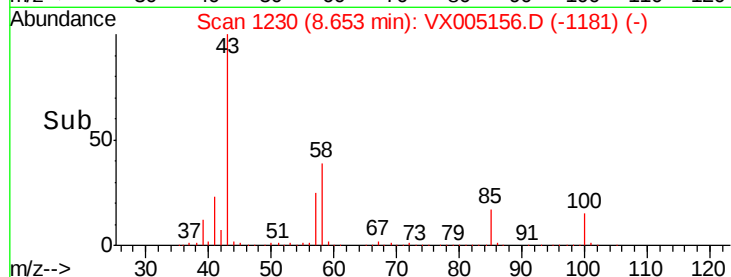
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.995 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005156.D

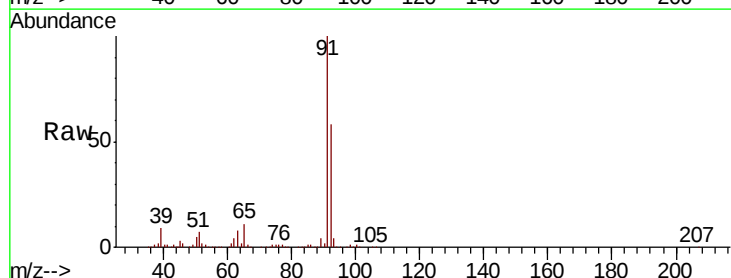
Acq: 09 Oct 2018 13:58

Tgt Ion: 92 Resp: 332381

Ion Ratio Lower Upper

92 100

91 173.9 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

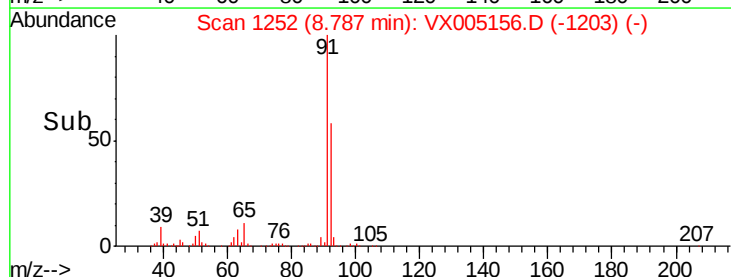
300000

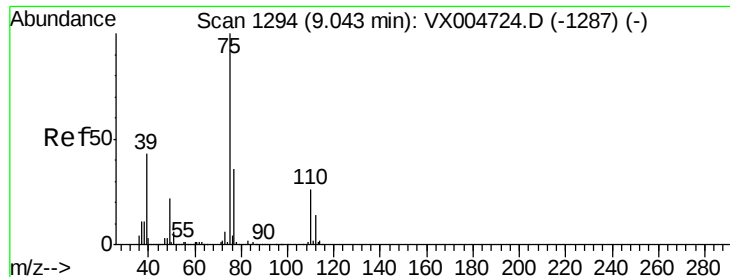
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.681 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

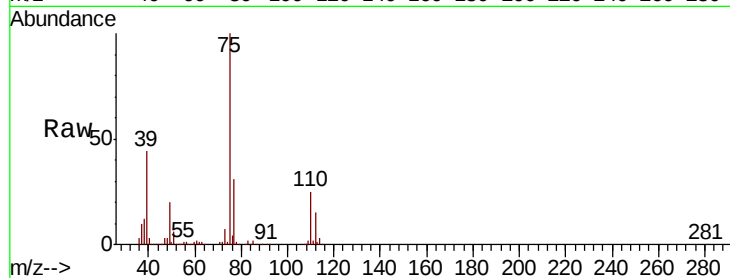
VSTDCCC050

Tot Ion: 75 Resp: 199796

Ion Ratio Lower Upper

75 100

77 31.4 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

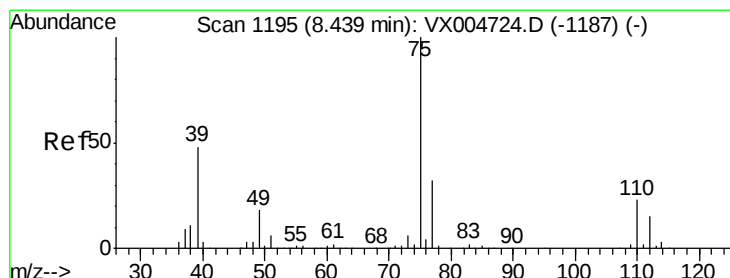
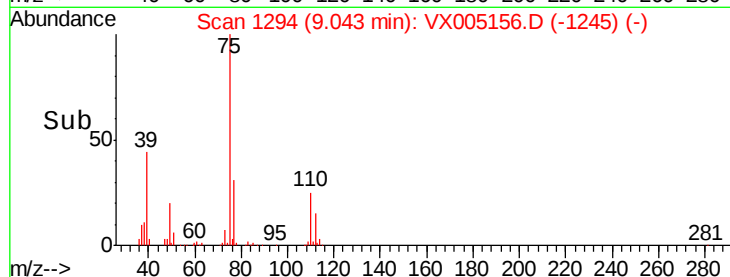
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.226 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

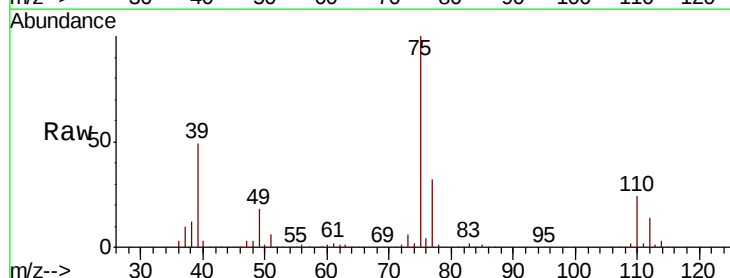
Tgt Ion: 75 Resp: 215295

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

39 49.0 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

150000

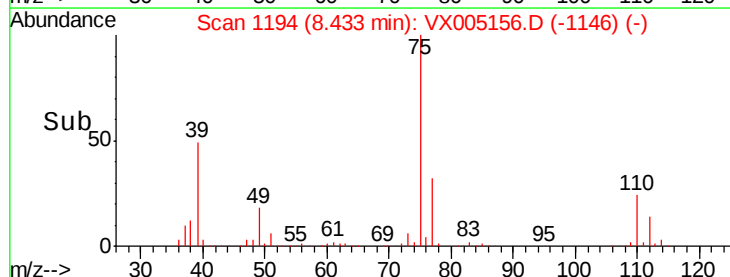
100000

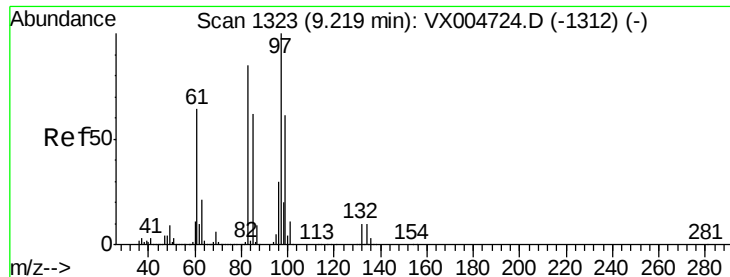
50000

0

8.40 8.50

Time-->

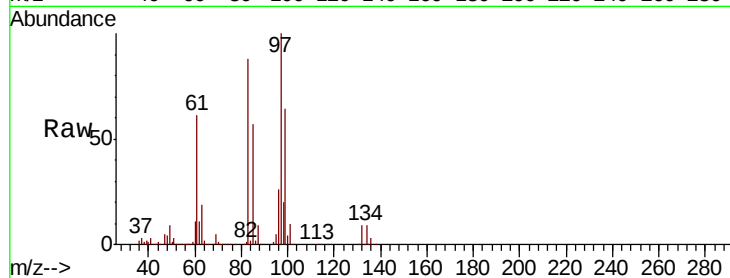




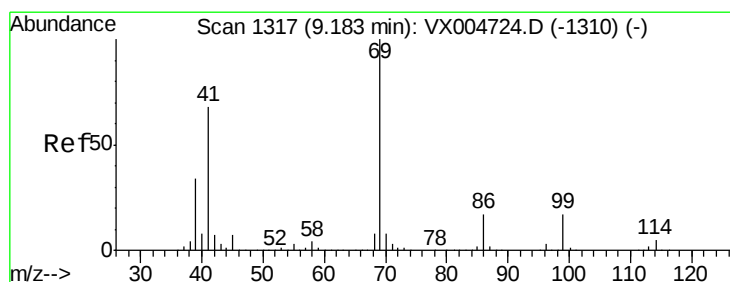
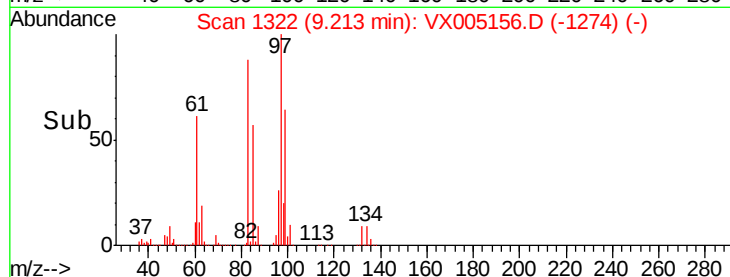
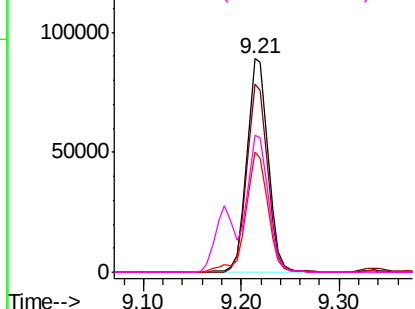
#55
 1,1,2-Trichloroethane
 Concen: 48.803 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	134077
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.2	102.2
85	56.5	49.9	74.9
99	64.4	48.9	73.3

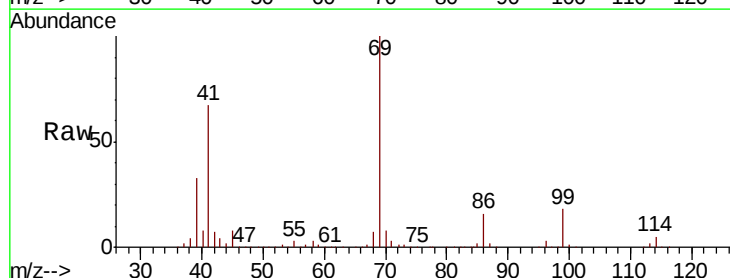


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

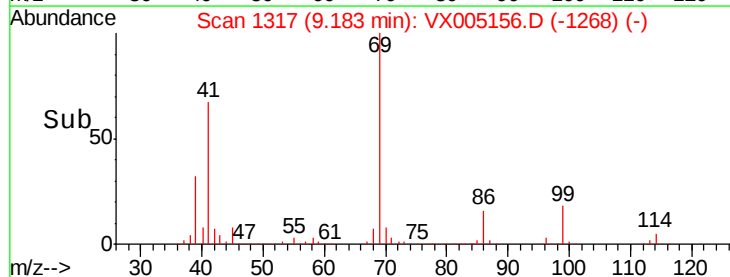
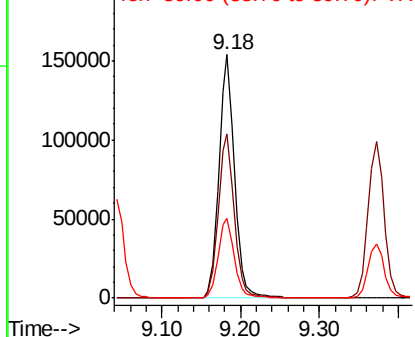


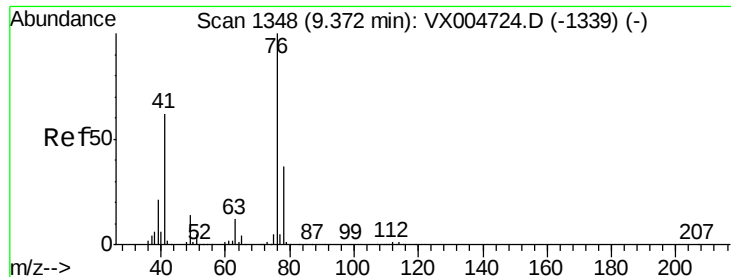
#56
 Ethyl methacrylate
 Concen: 47.869 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion:	69	Resp:	212834
Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.9	85.3
39	33.7	28.4	42.6



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

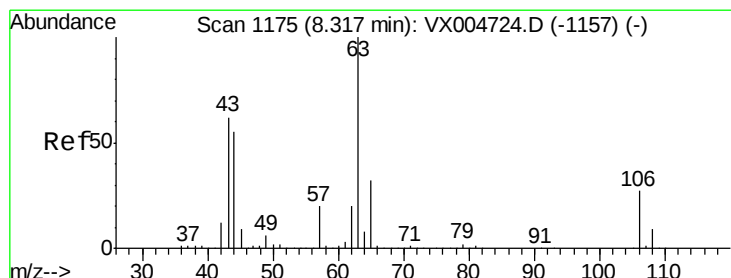
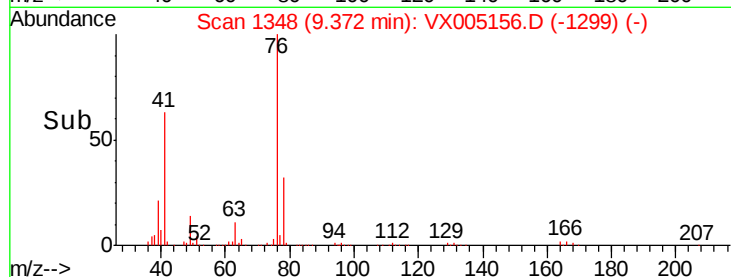
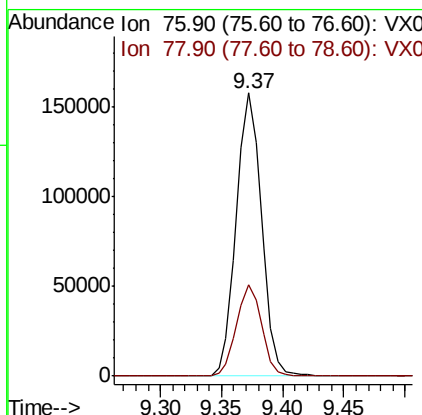
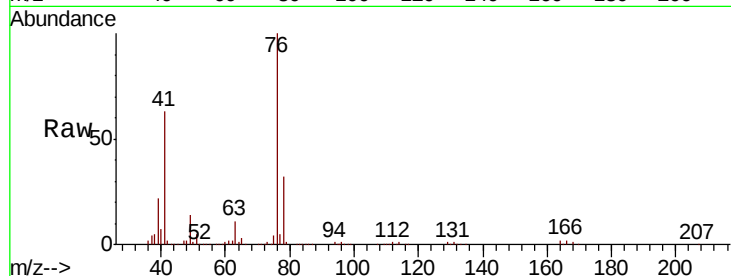




#57
 1,3-Dichloropropane
 Concen: 49.576 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

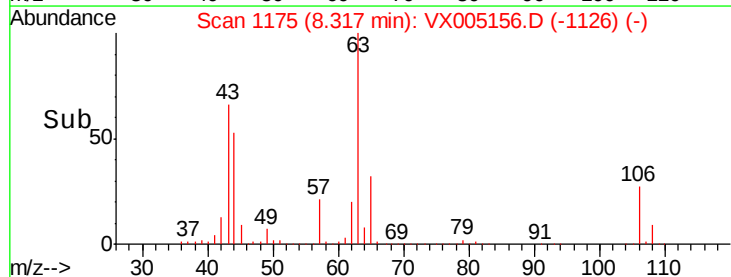
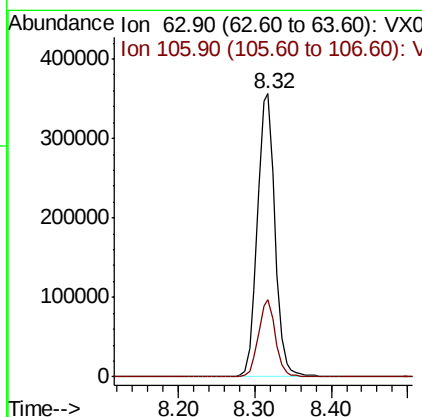
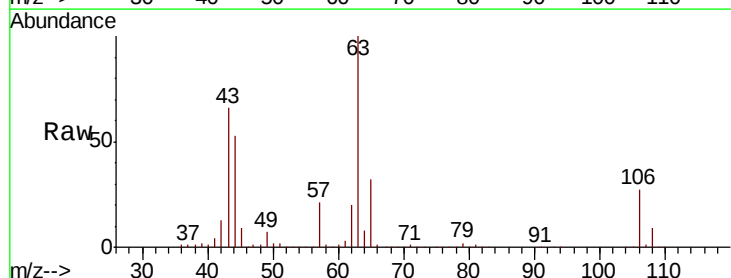
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

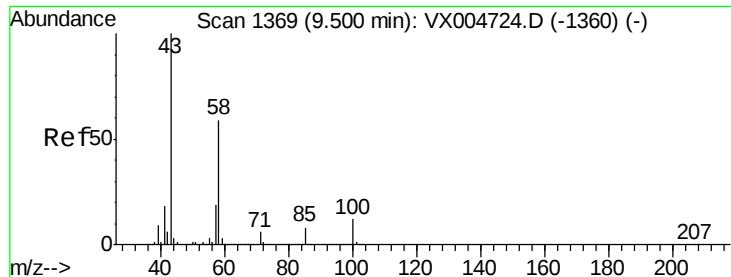
Tot Ion: 76 Resp: 226687
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.730 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion: 63 Resp: 578577
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.0 31.6

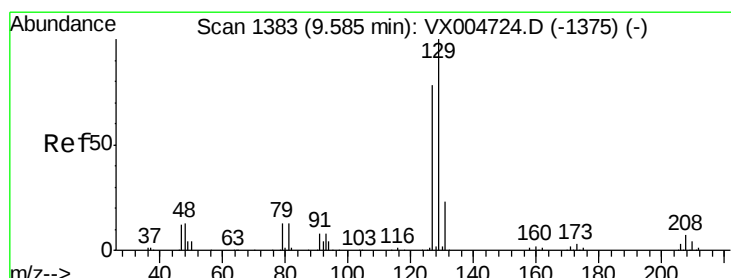
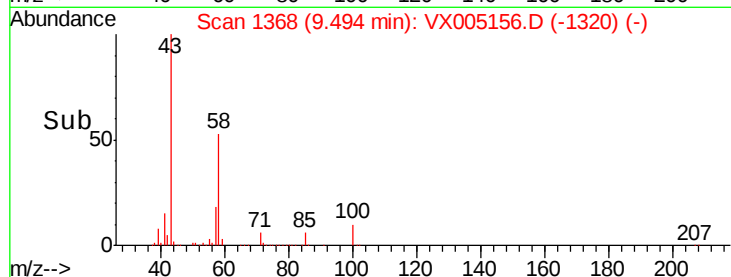
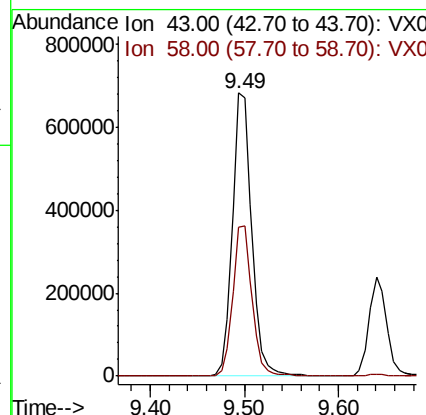
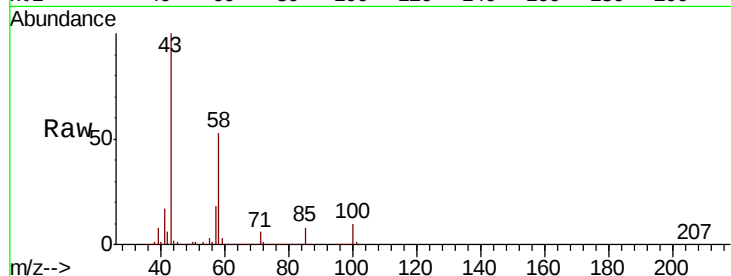




#59
2-Hexanone
Concen: 265.100 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

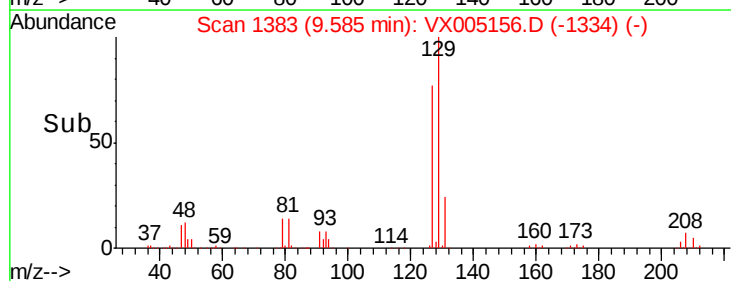
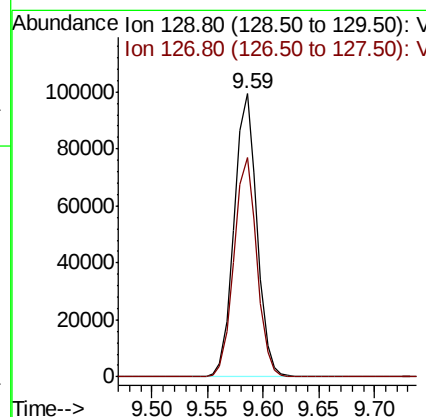
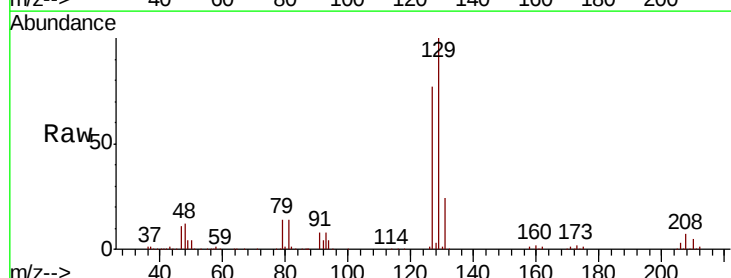
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

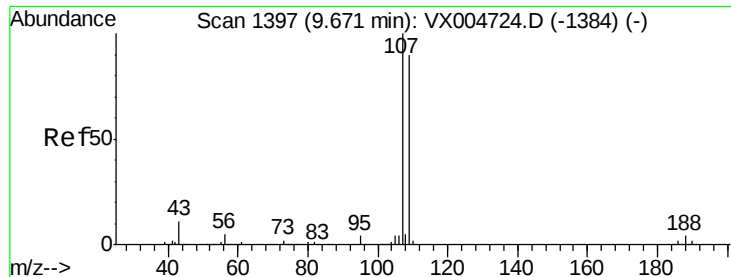
Tot Ion: 43 Resp: 971628
Ion Ratio Lower Upper
43 100
58 53.0 28.4 85.3



#60
Dibromochloromethane
Concen: 51.250 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 129 Resp: 140812
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.628 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

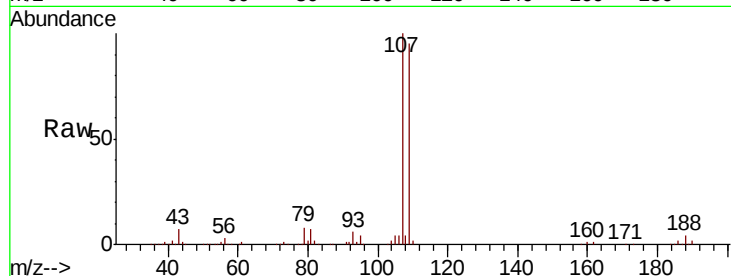
VSTDCCC050

Tot Ion:107 Resp: 140133

Ion Ratio Lower Upper

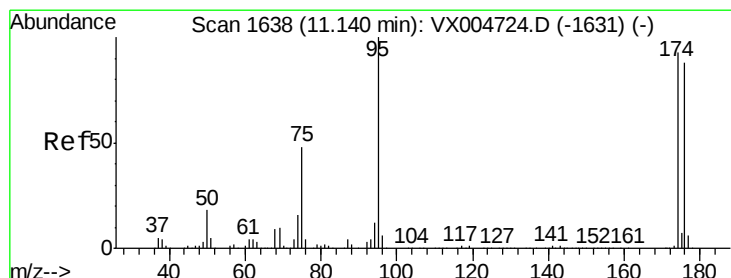
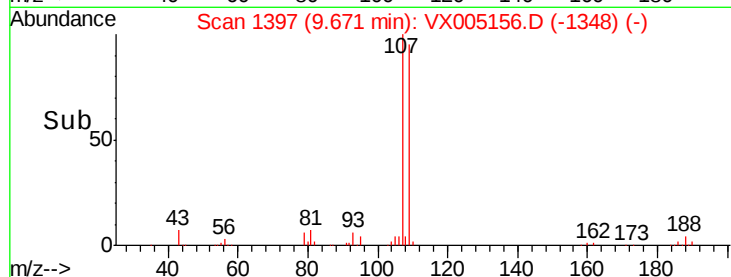
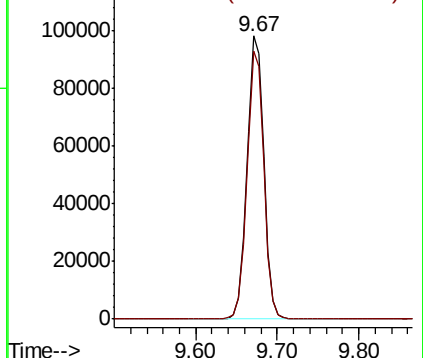
107 100

109 94.8 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.396 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

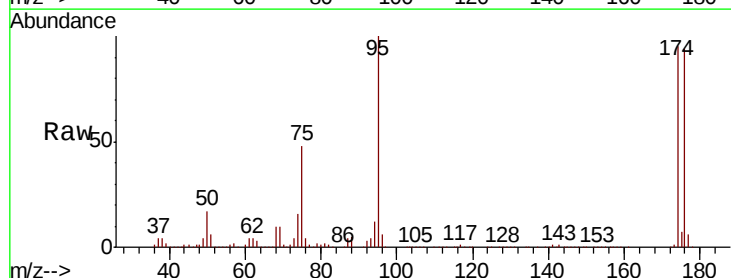
Tgt Ion: 95 Resp: 170891

Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.0

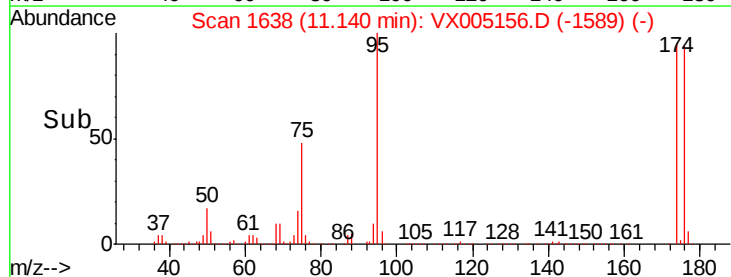
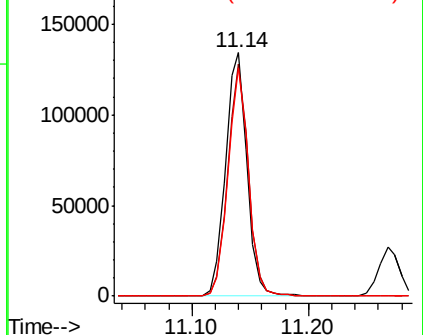
176 90.1 0.0 180.2

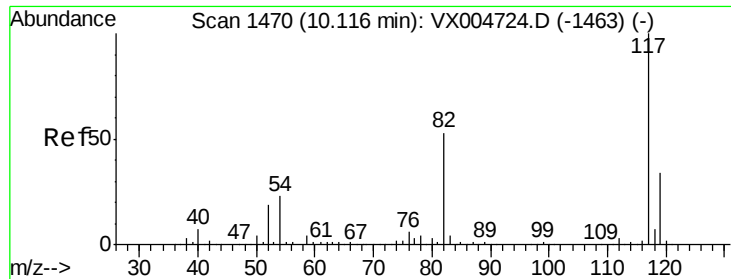


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

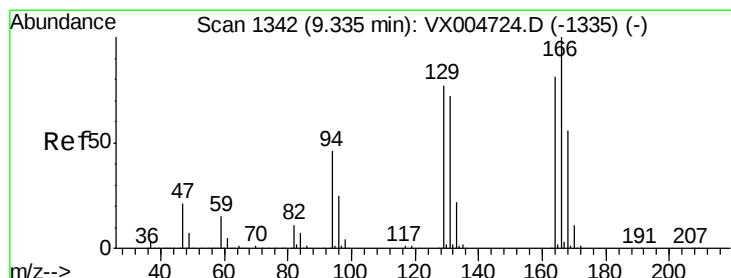
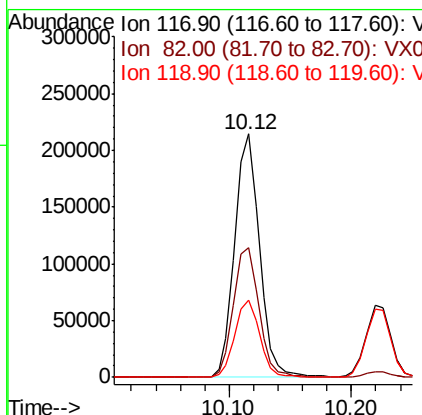
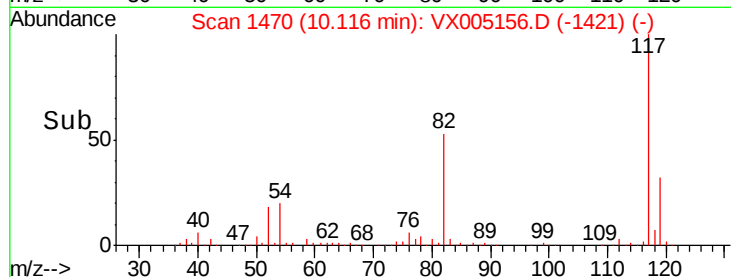
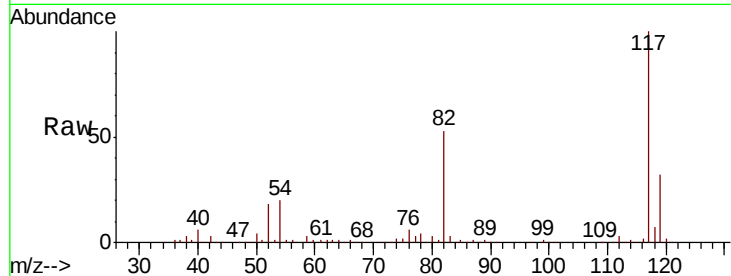




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

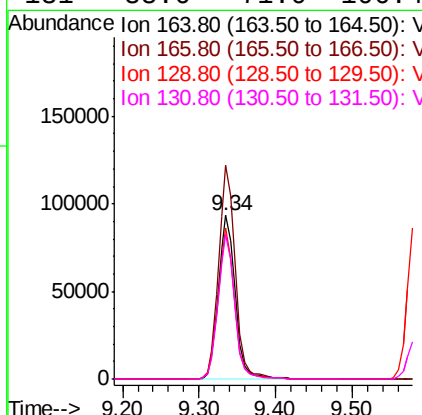
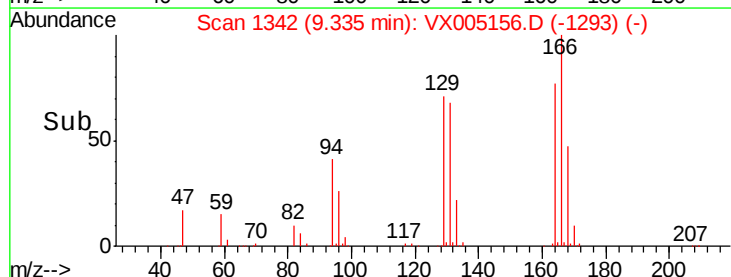
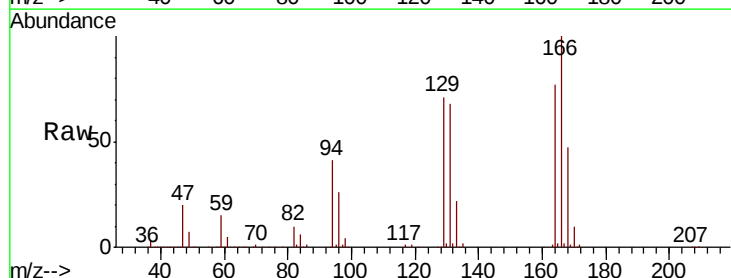
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

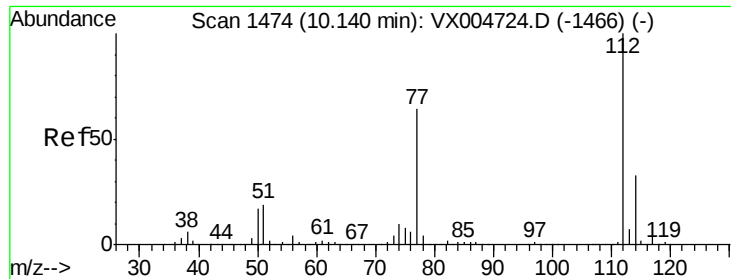
Tot Ion:117 Resp: 300991
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 31.6 27.4 41.0



#64
Tetrachloroethene
Concen: 48.052 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion:164 Resp: 142350
Ion Ratio Lower Upper
164 100
166 130.6 98.4 147.6
129 92.2 76.1 114.1
131 88.6 71.0 106.4

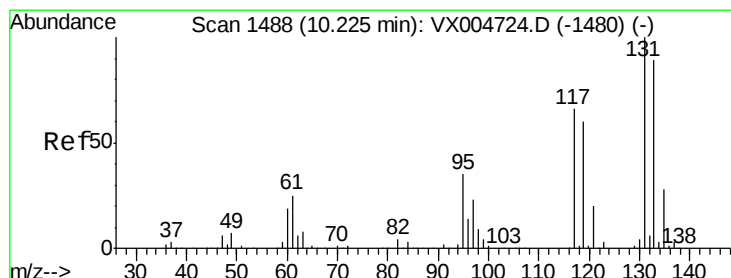
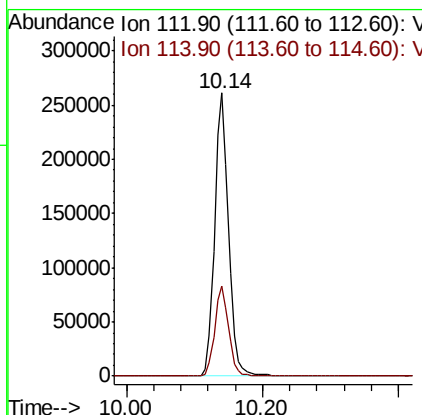
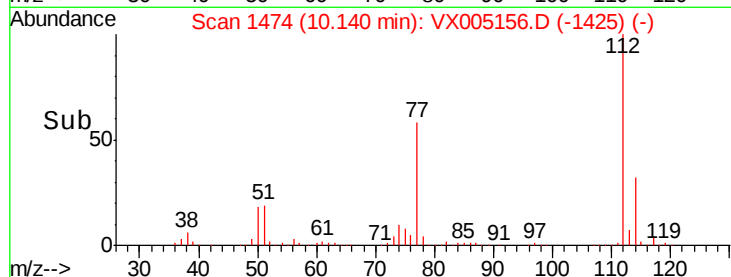
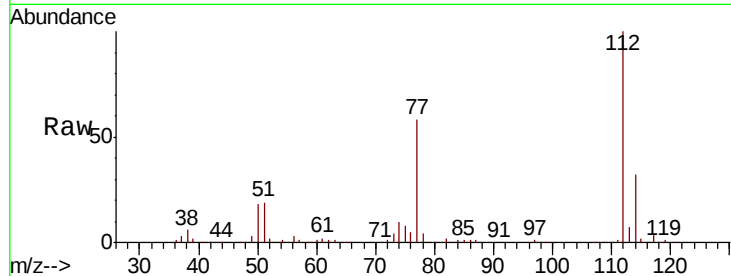




#65
Chlorobenzene
Concen: 47.901 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

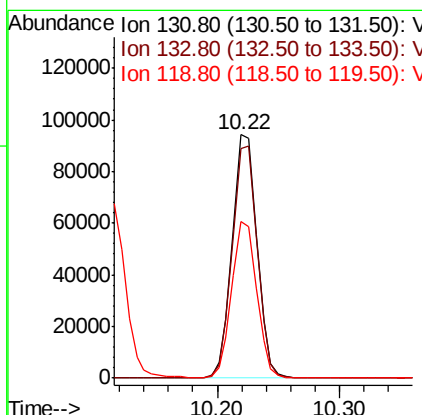
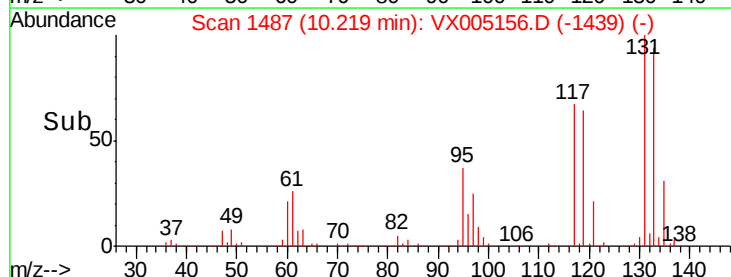
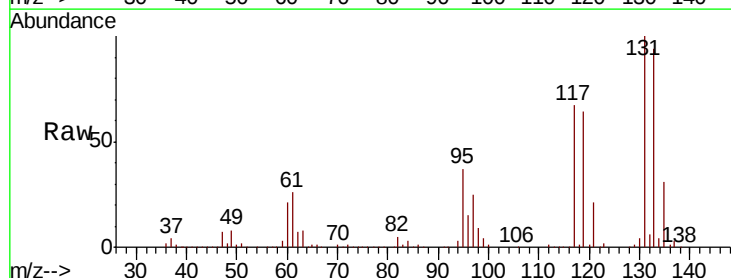
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

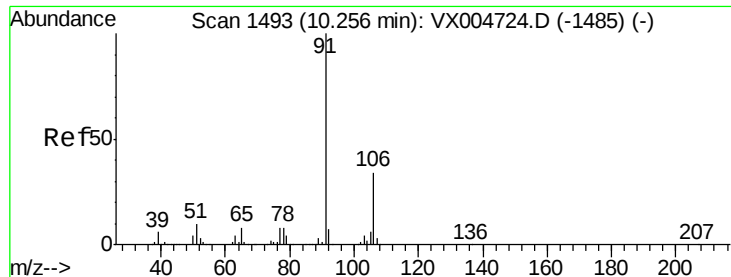
Tot Ion:112 Resp: 369713
Ion Ratio Lower Upper
112 100
114 32.0 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.629 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion:131 Resp: 131951
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.0
119 65.0 32.3 96.8

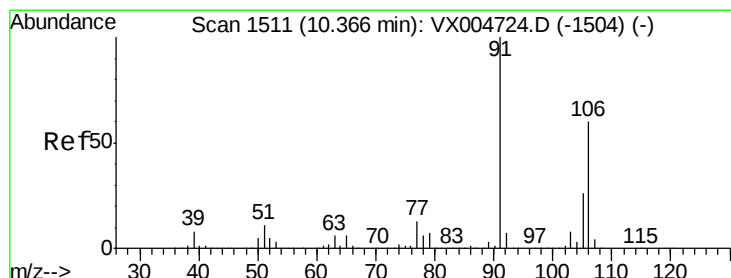
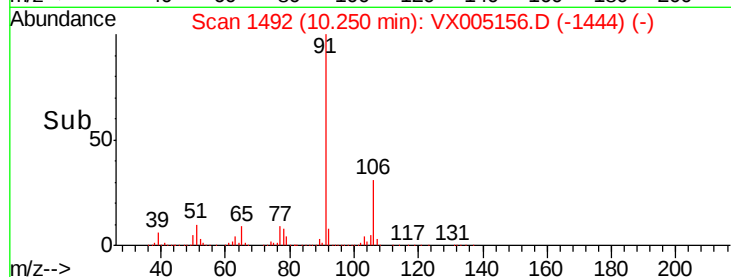
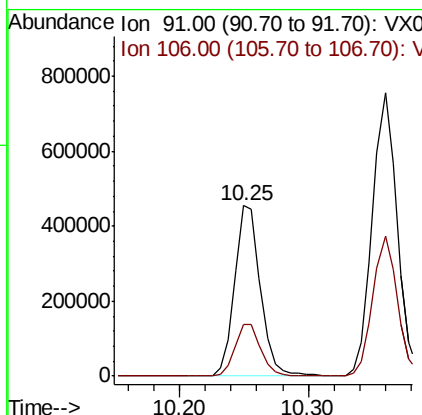
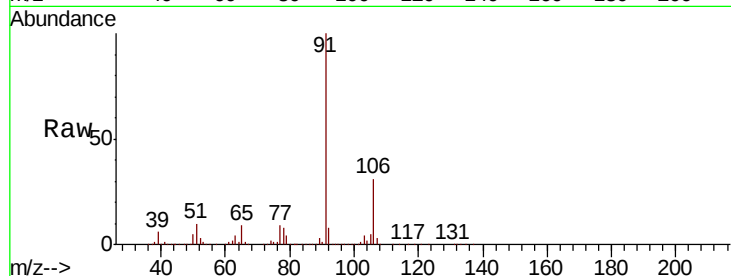




#67
Ethyl Benzene
Concen: 52.008 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

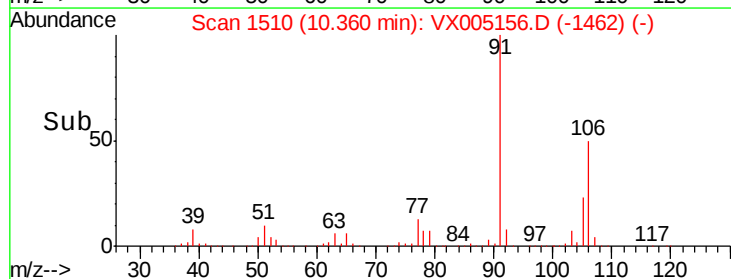
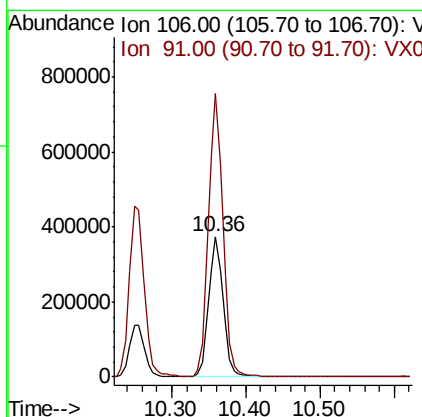
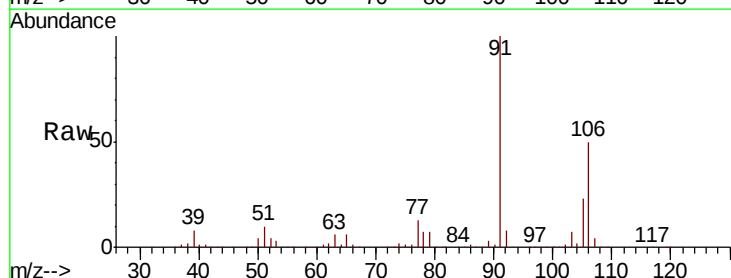
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

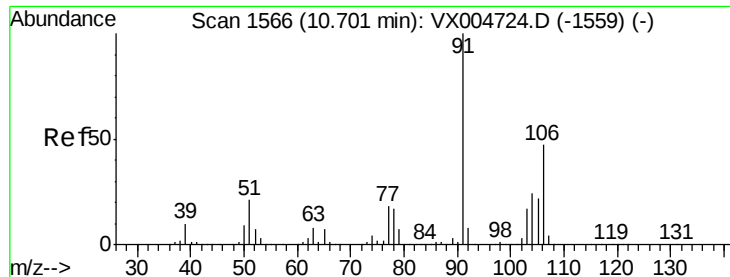
Tot Ion: 91 Resp: 637292
Ion Ratio Lower Upper
91 100
106 30.5 26.9 40.3



#68
m/p-Xylenes
Concen: 104.294 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 106 Resp: 499401
Ion Ratio Lower Upper
106 100
91 202.4 157.5 236.3

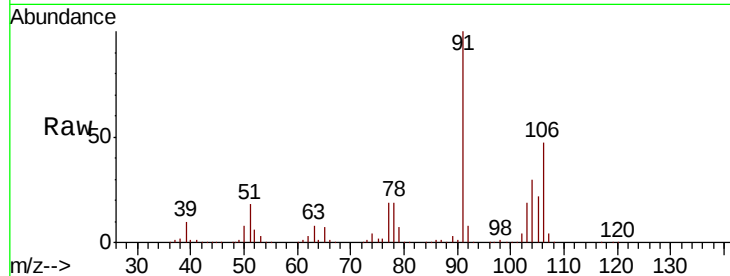




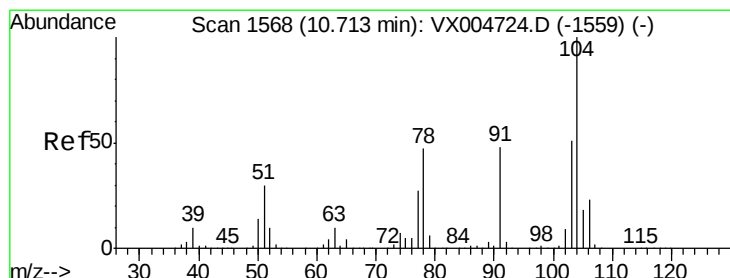
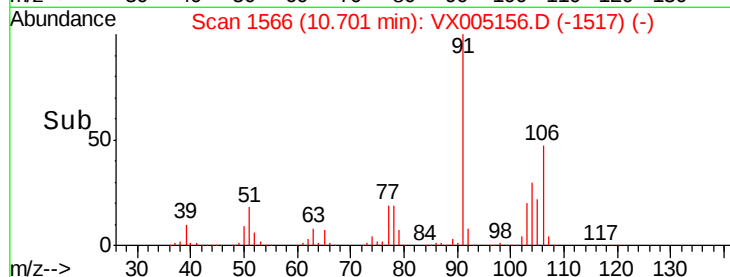
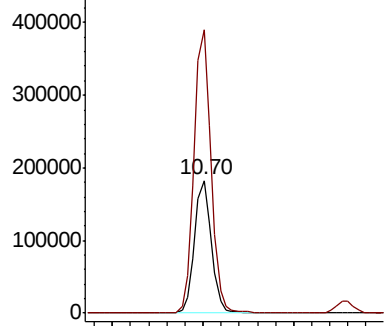
#69
o-Xylene
Concen: 54.038 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 237665
Ion Ratio Lower Upper
106 100
91 215.2 108.3 324.8

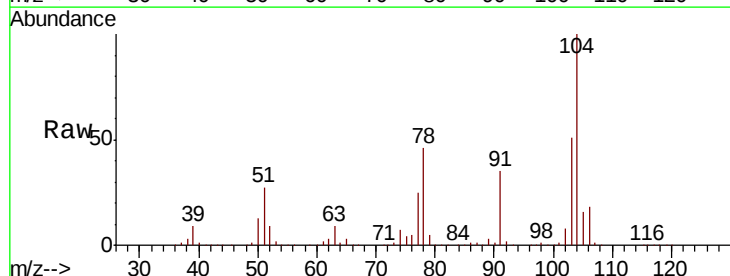


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

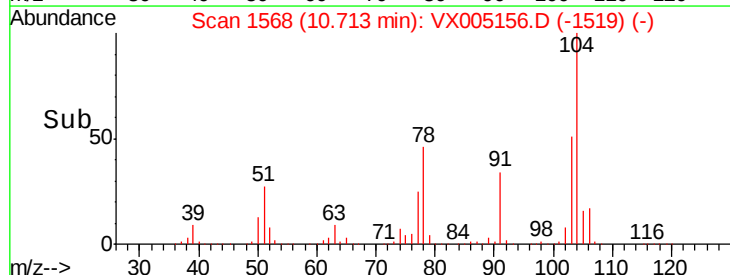
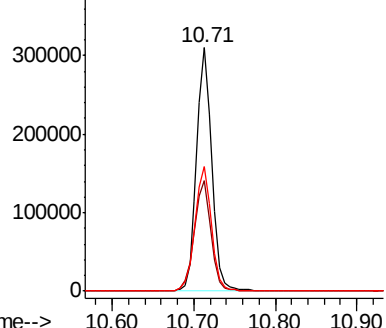


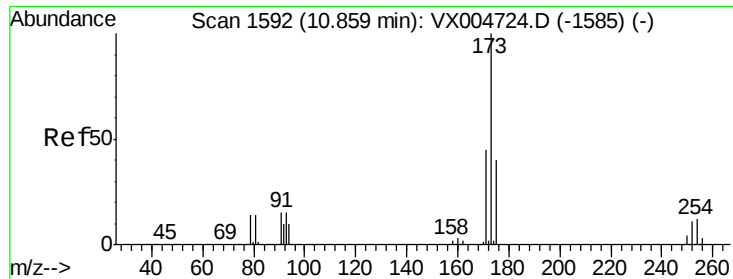
#70
Styrene
Concen: 48.786 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion:104 Resp: 400856
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 55.6 44.3 66.5



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





#71

Bromoform

Concen: 50.059 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

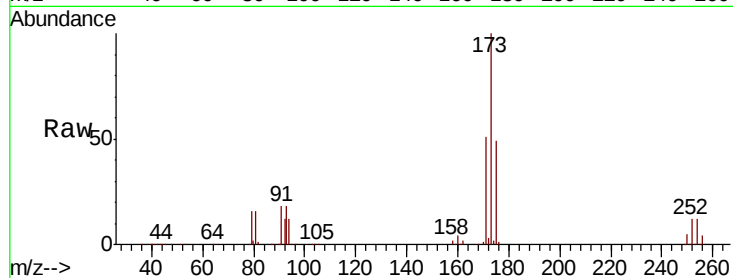
Tot Ion:173 Resp: 116289

Ion Ratio Lower Upper

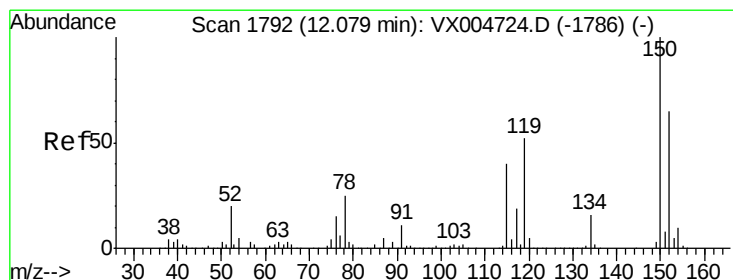
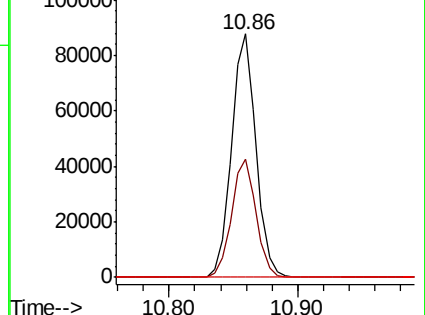
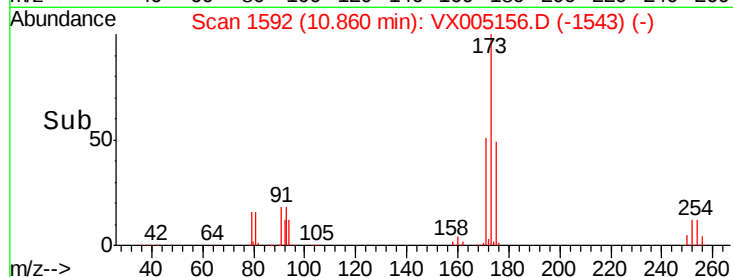
173 100

175 48.8 23.3 69.8

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

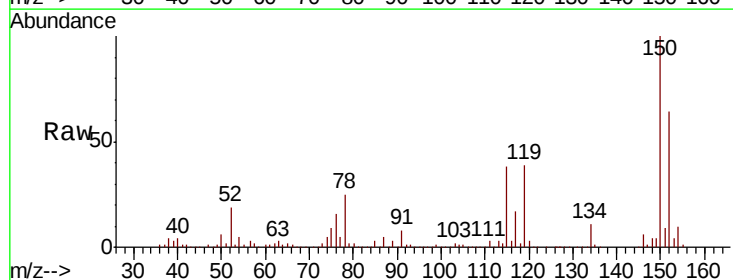
Tgt Ion:152 Resp: 192836

Ion Ratio Lower Upper

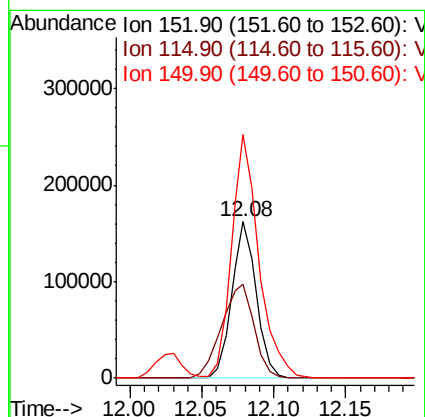
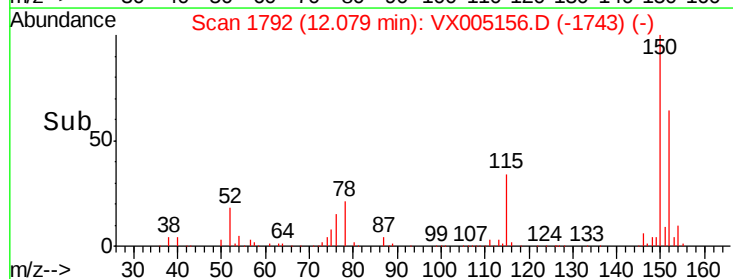
152 100

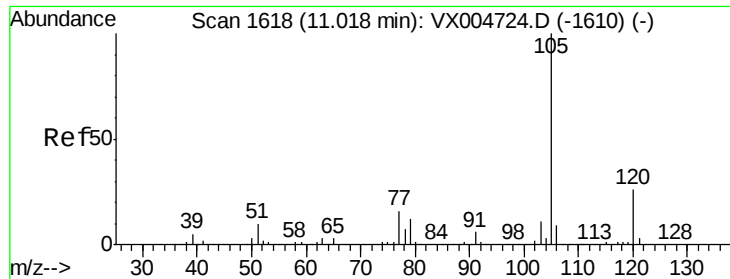
115 79.5 40.2 120.6

150 173.8 0.0 351.0



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: 53.593 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

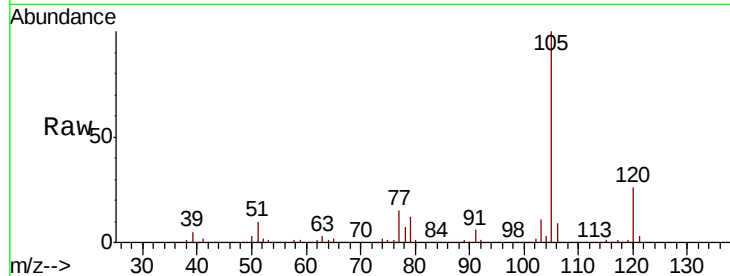
VSTDCCC050

Tot Ion:105 Resp: 651411

Ion Ratio Lower Upper

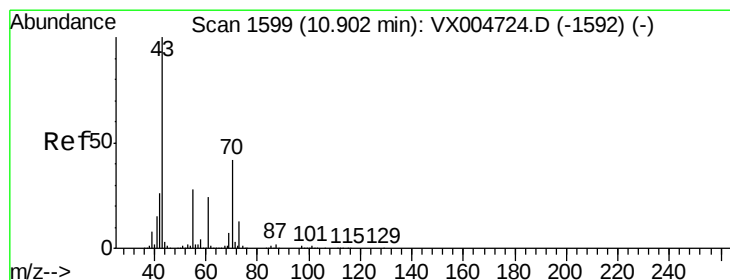
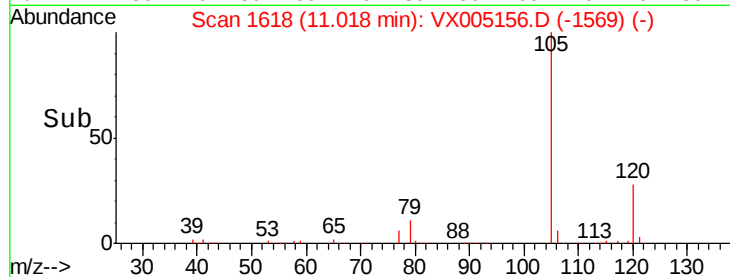
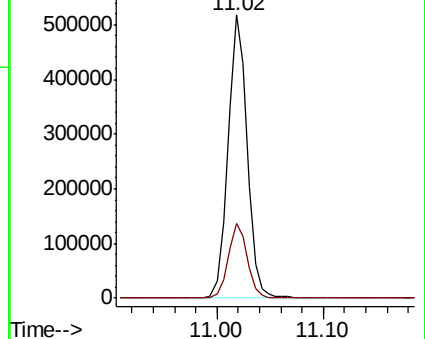
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.527 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion: 43 Resp: 303069

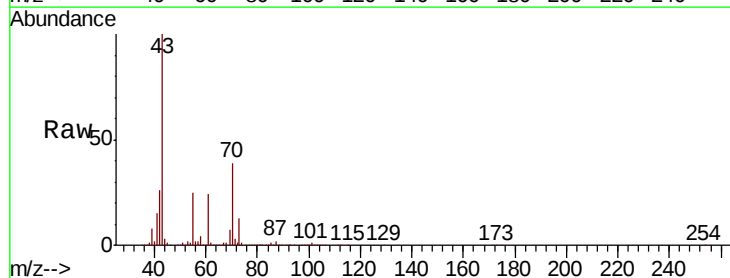
Ion Ratio Lower Upper

43 100

70 40.7 32.6 48.8

55 25.1 21.6 32.4

61 23.8 19.1 28.7

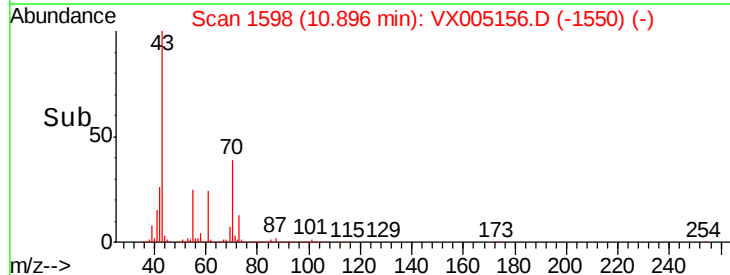
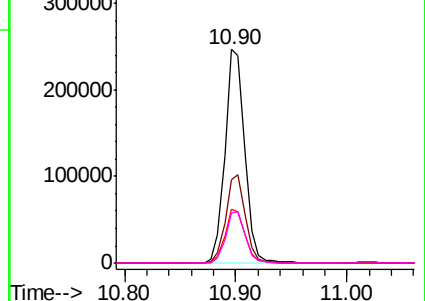


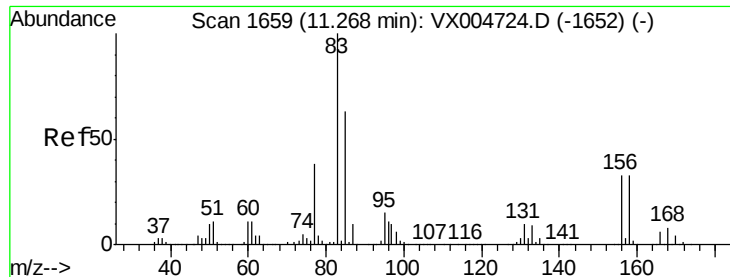
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.292 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

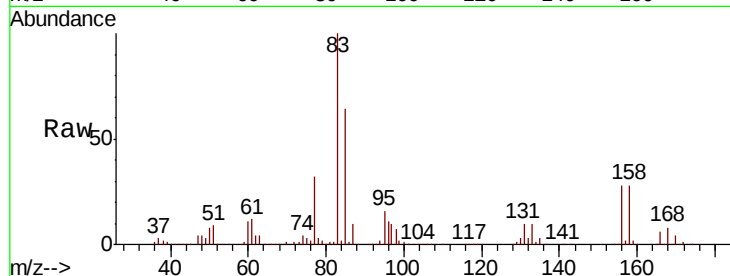
Tot Ion: 83 Resp: 219149

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

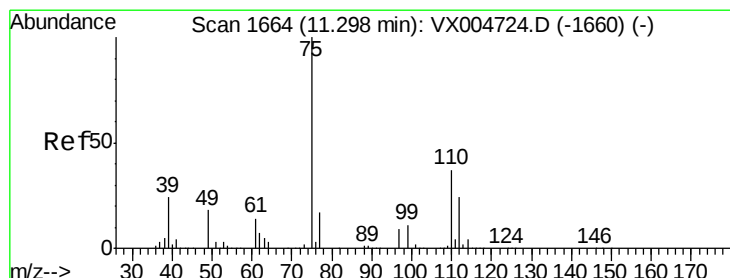
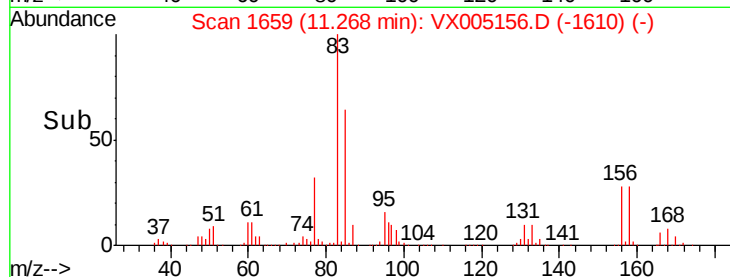
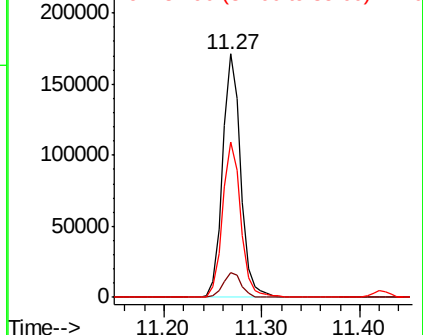
85 64.3 31.9 95.9



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: 60.932 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005156.D

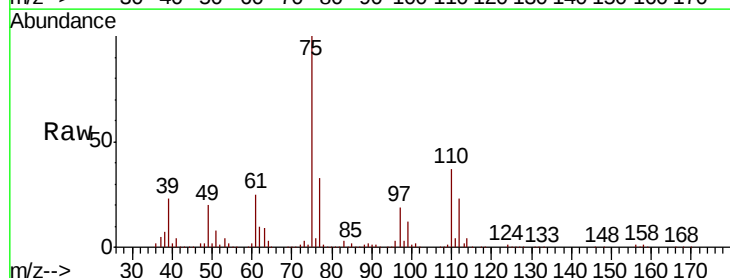
Acq: 09 Oct 2018 13:58

Tgt Ion: 75 Resp: 263358

Ion Ratio Lower Upper

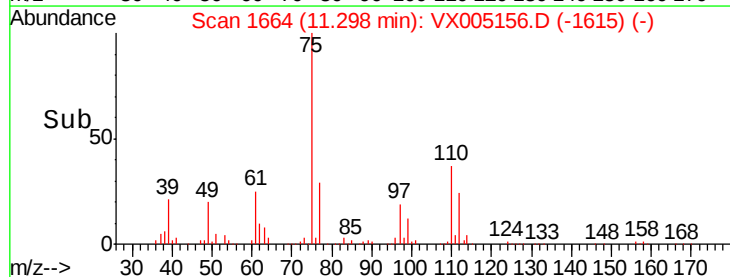
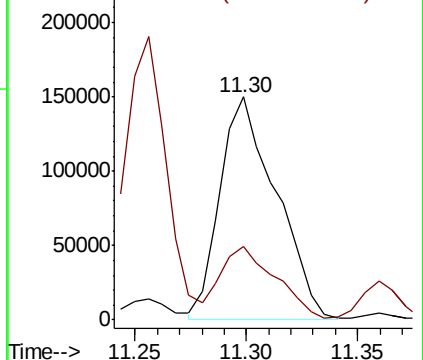
75 100

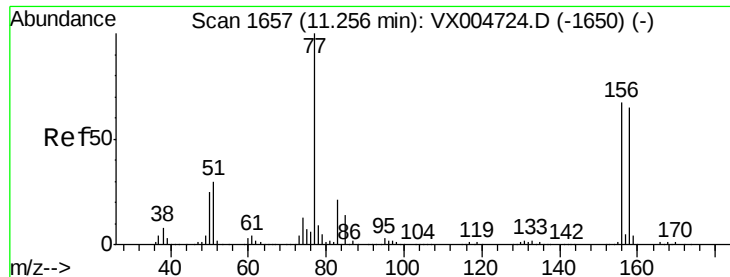
77 32.1 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.366 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

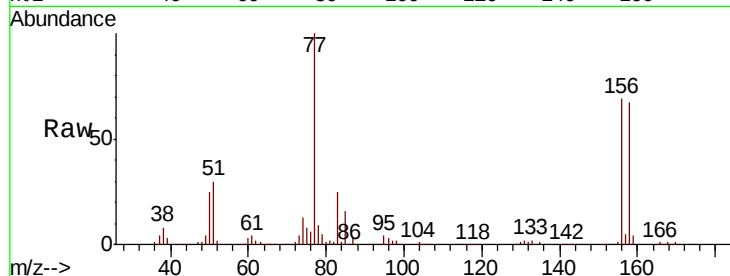
Tot Ion:156 Resp: 170754

Ion Ratio Lower Upper

156 100

77 146.4 73.4 220.2

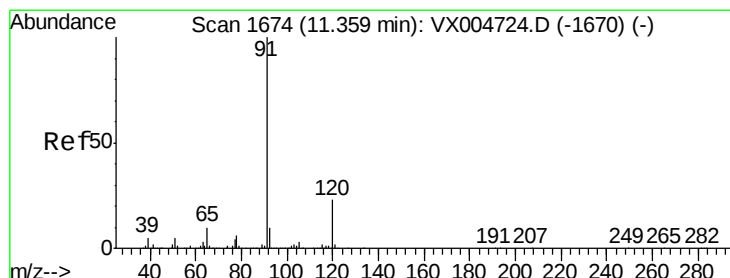
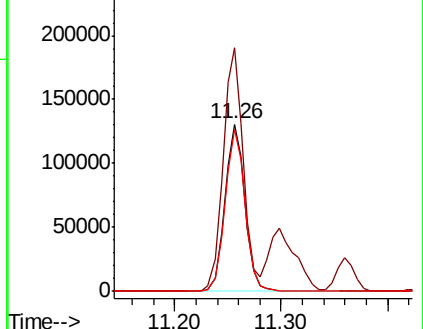
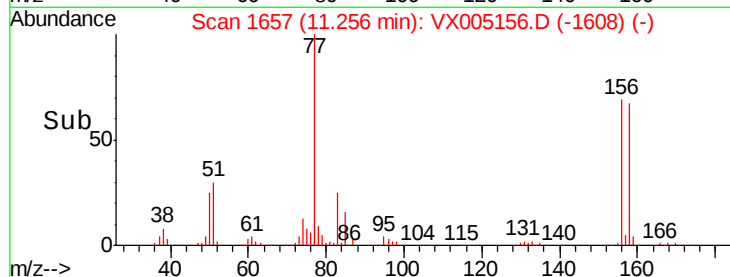
158 97.5 49.1 147.4



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: 54.808 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005156.D

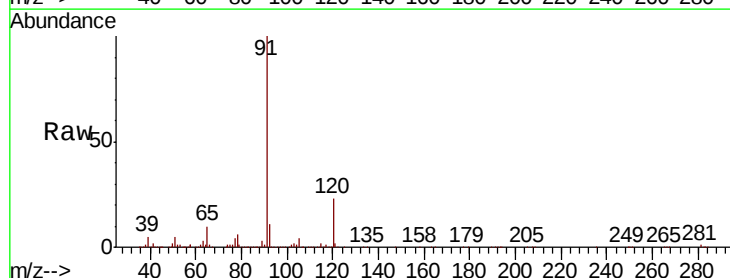
Acq: 09 Oct 2018 13:58

Tgt Ion: 91 Resp: 764358

Ion Ratio Lower Upper

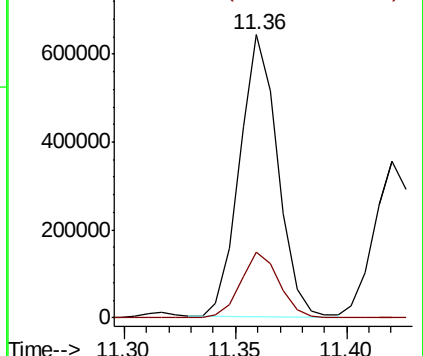
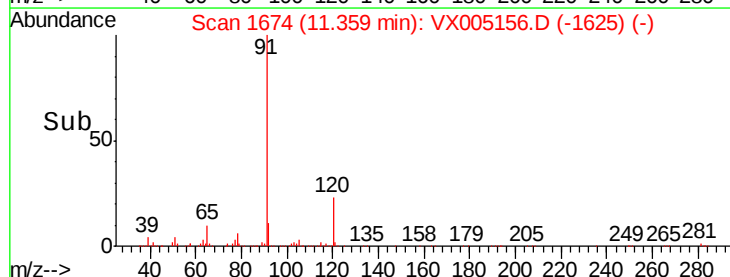
91 100

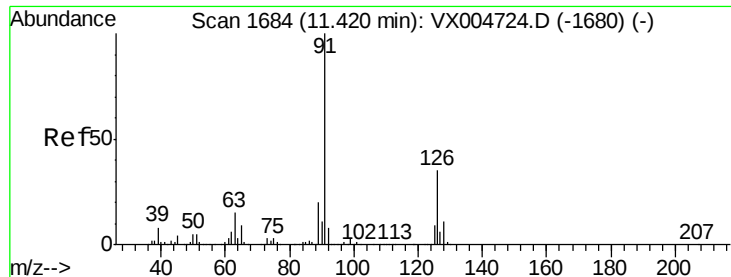
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.943 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

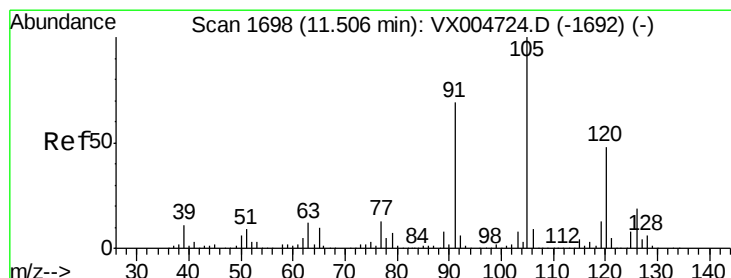
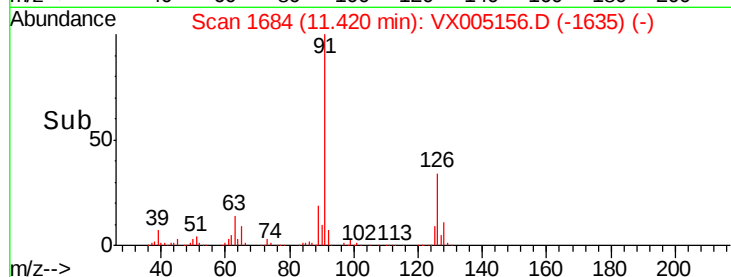
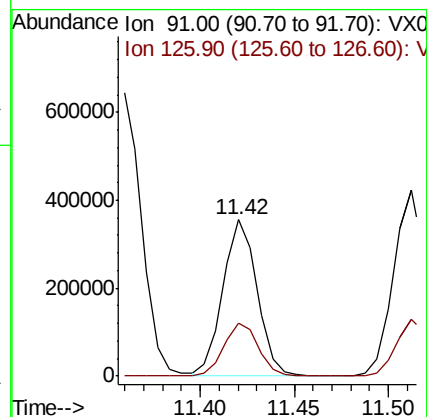
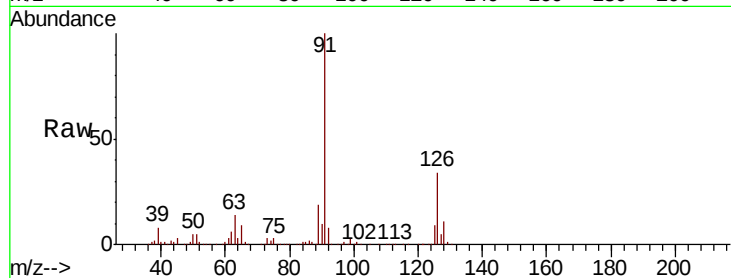
VSTDCCC050

Tot Ion: 91 Resp: 442843

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 50.419 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005156.D

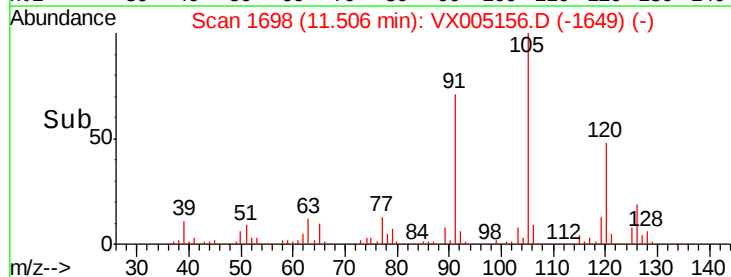
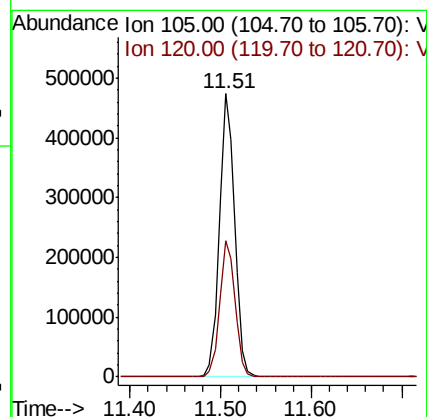
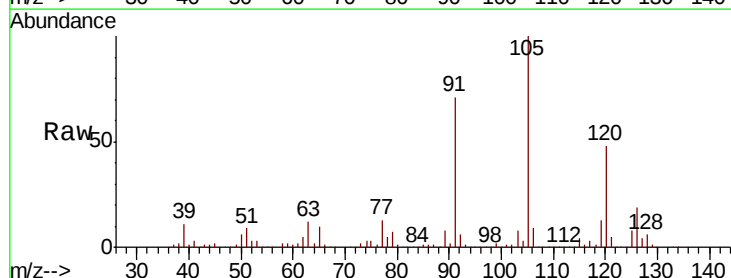
Acq: 09 Oct 2018 13:58

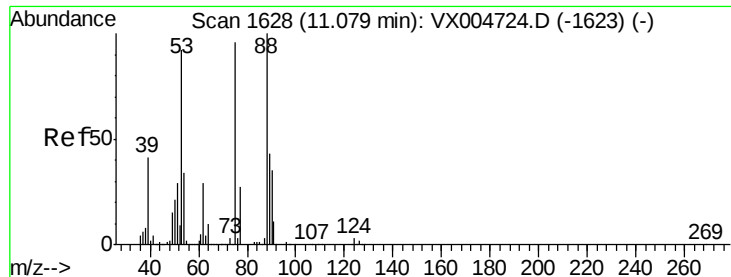
Tgt Ion: 105 Resp: 561663

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 41.829 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

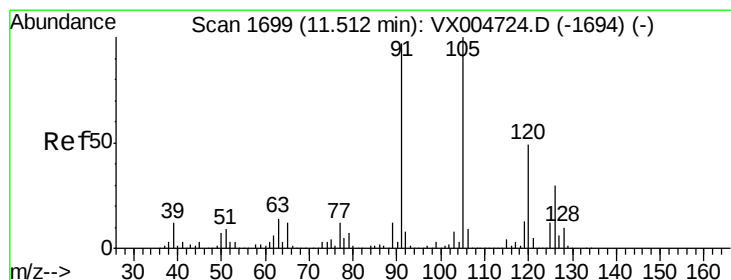
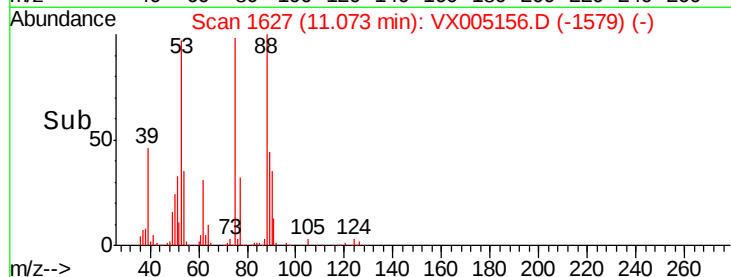
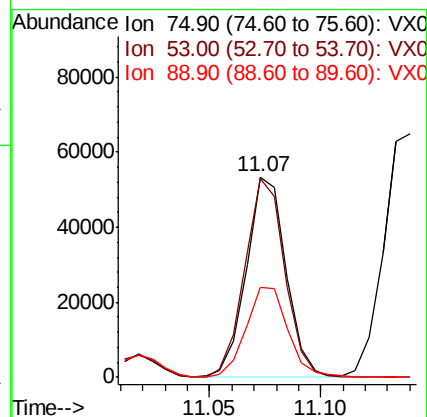
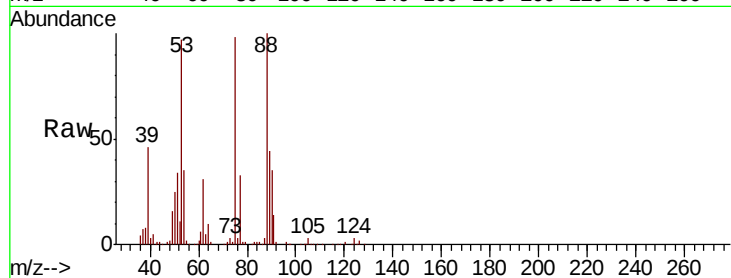
Tot Ion: 75 Resp: 65752

Ion Ratio Lower Upper

75 100

53 101.6 80.2 120.4

89 48.1 37.1 55.7



#82

4-Chlorotoluene

Concen: 51.652 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005156.D

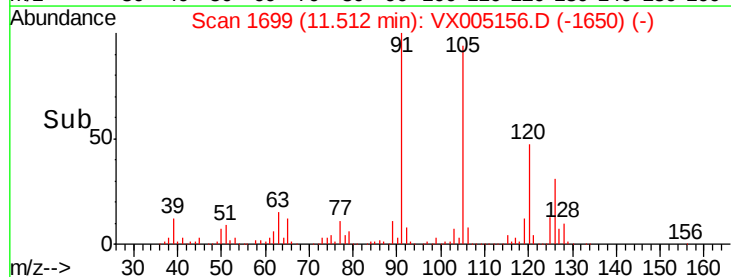
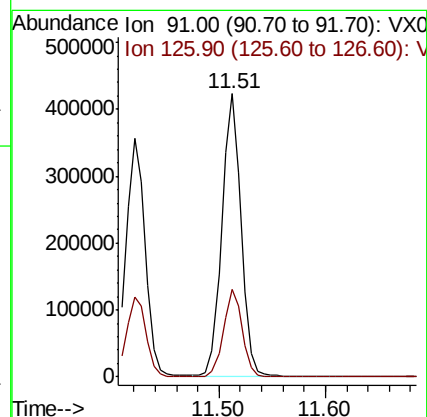
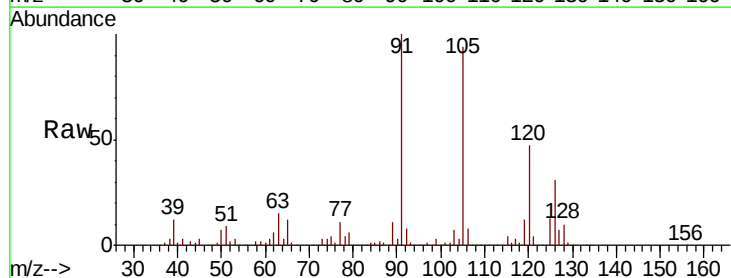
Acq: 09 Oct 2018 13:58

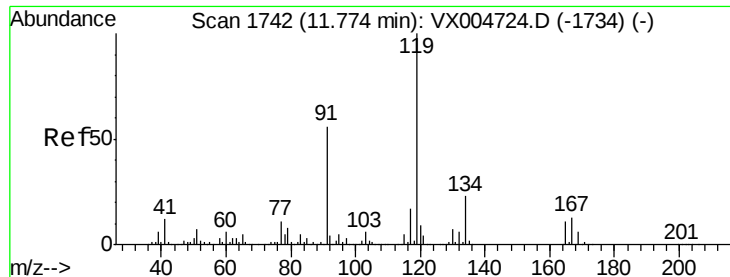
Tgt Ion: 91 Resp: 528492

Ion Ratio Lower Upper

91 100

126 30.3 15.5 46.5

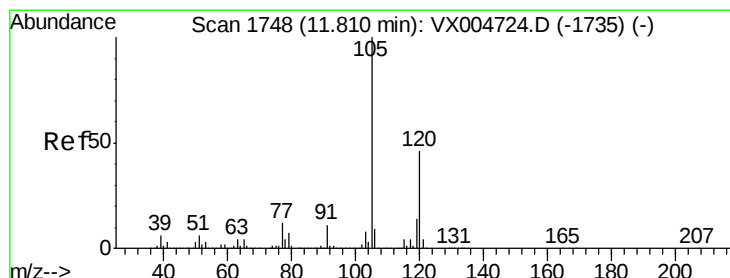
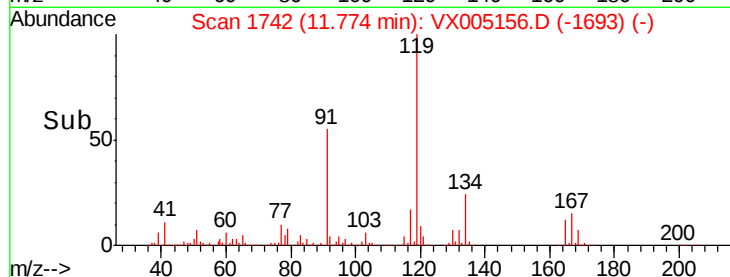
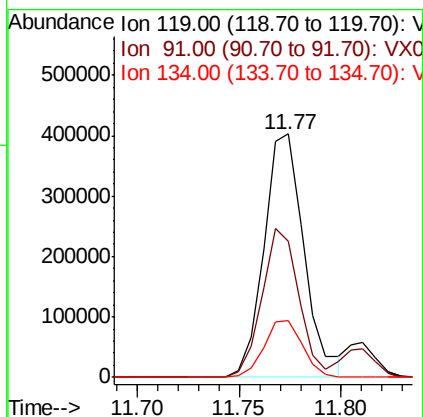
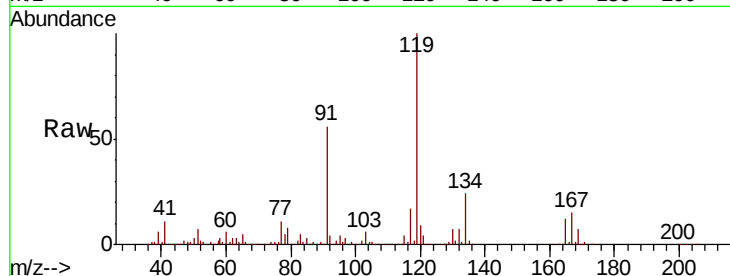




#83
tert-Butylbenzene
Concen: 55.131 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

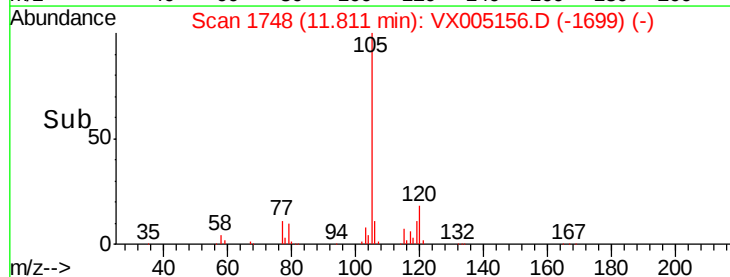
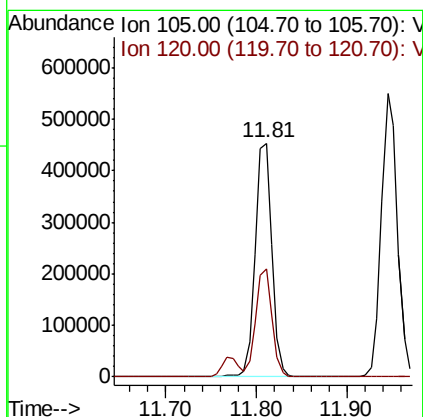
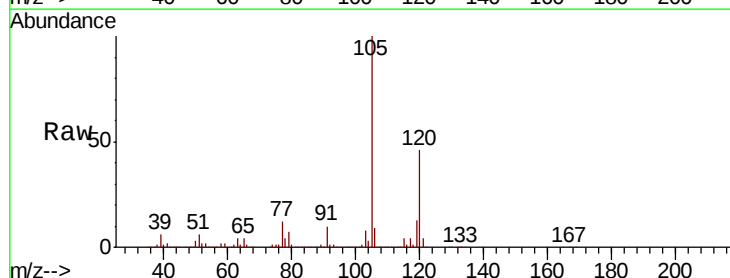
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

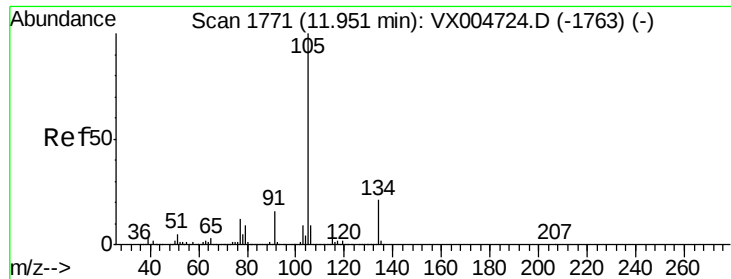
Tot Ion:119 Resp: 551716
Ion Ratio Lower Upper
119 100
91 56.2 27.5 82.5
134 22.5 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 50.281 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion:105 Resp: 577644
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 55.453 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

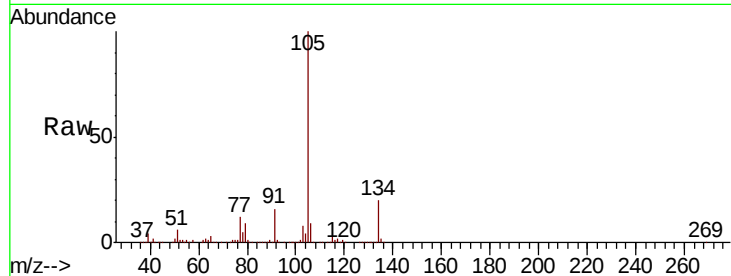
VSTDCCC050

Tot Ion:105 Resp: 675932

Ion Ratio Lower Upper

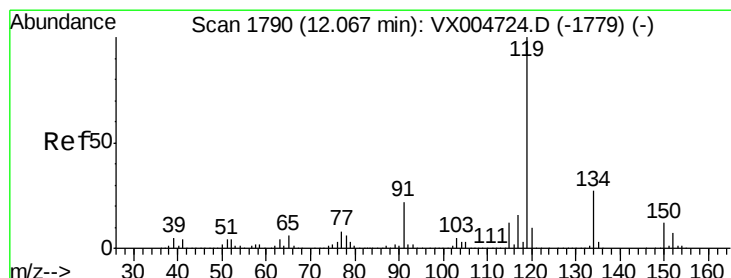
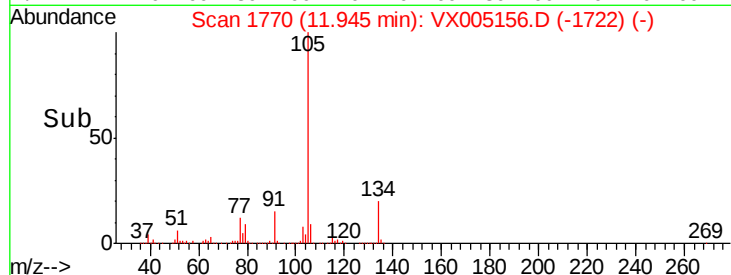
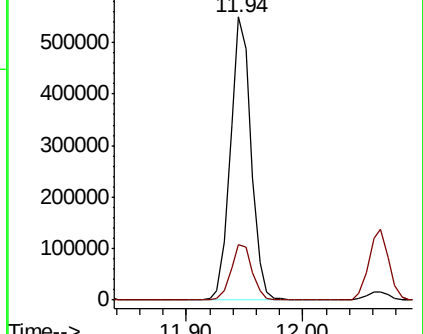
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.618 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

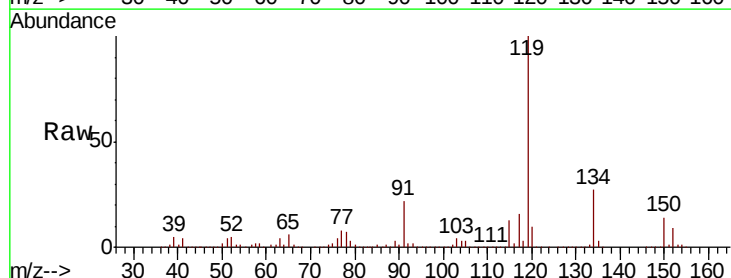
Tgt Ion:119 Resp: 614221

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

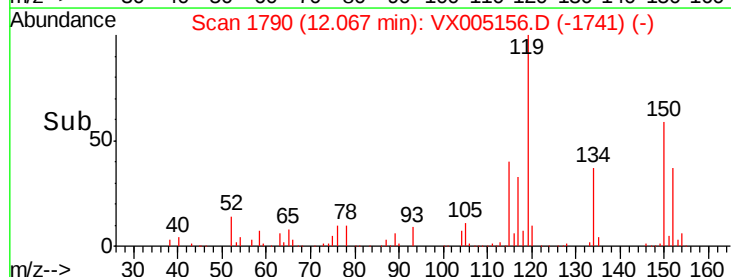
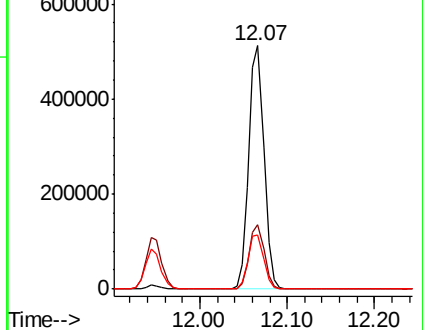
91 22.9 11.5 34.4

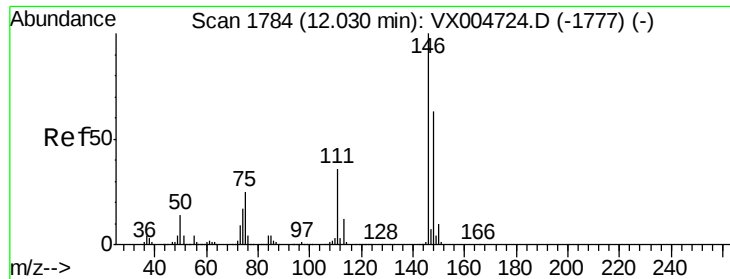


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

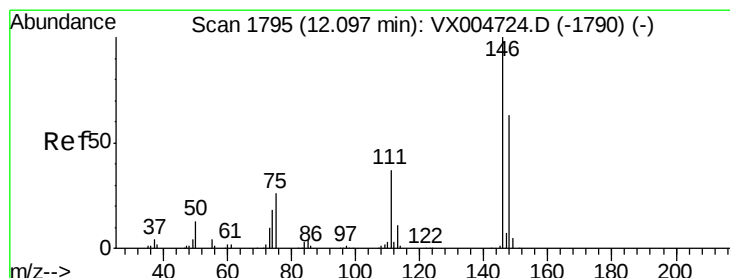
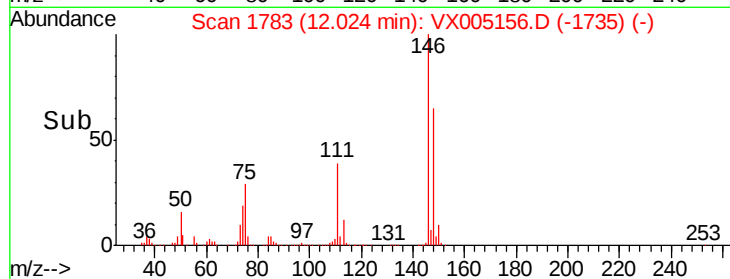
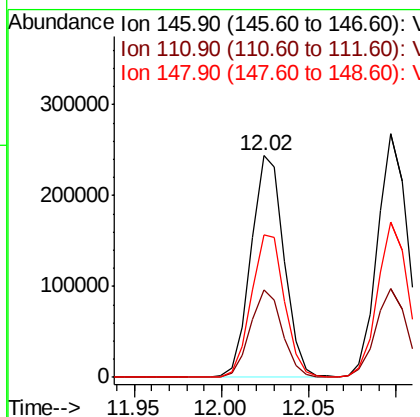
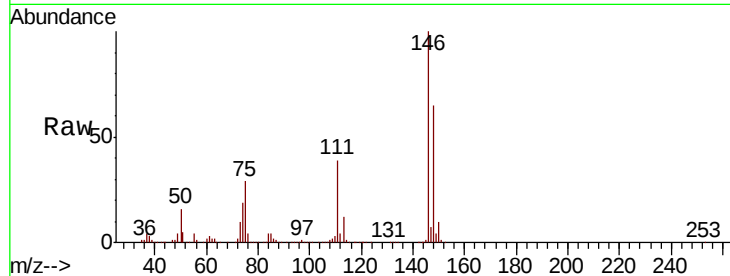




#87
 1,3-Dichlorobenzene
 Concen: 48.604 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

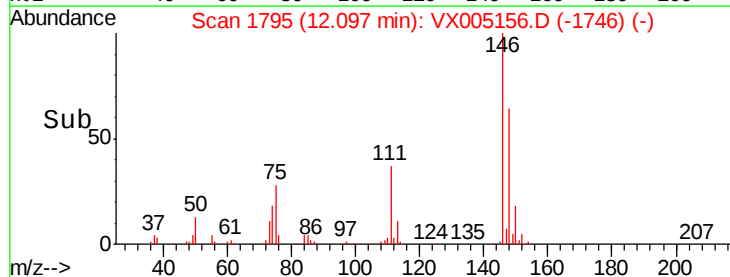
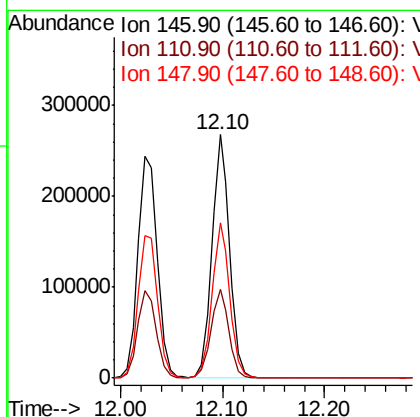
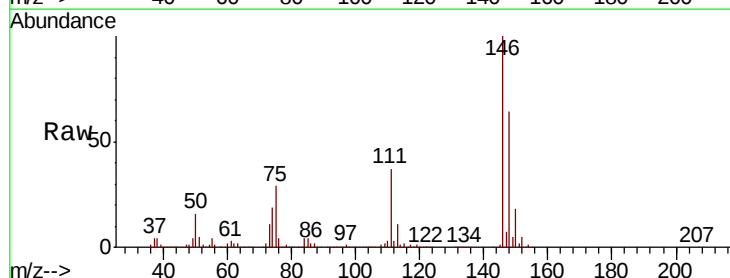
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

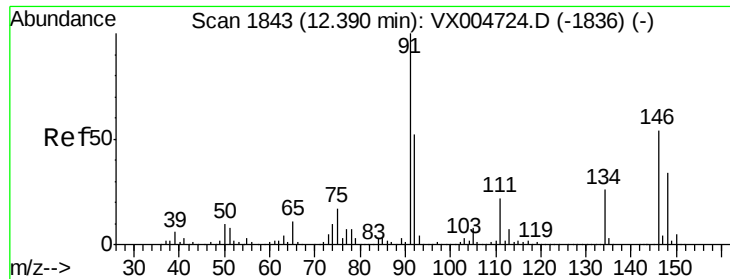
Tot Ion:146 Resp: 320411
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 64.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.856 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion:146 Resp: 325671
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.4 55.2
 148 64.2 32.0 96.0

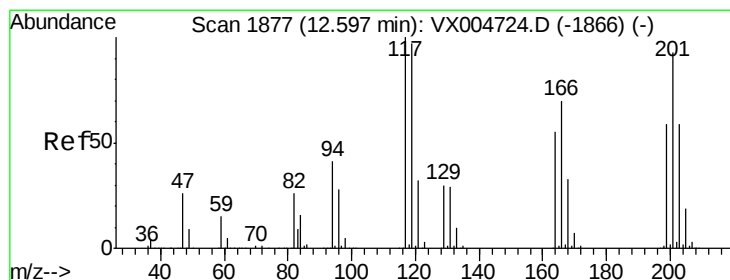
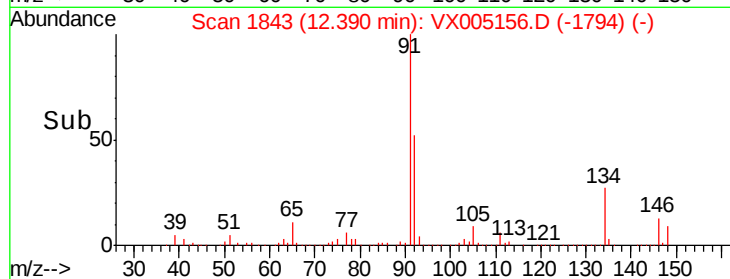
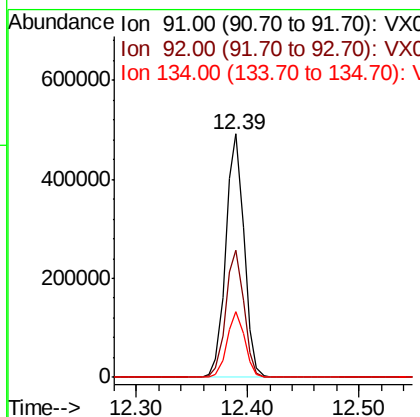
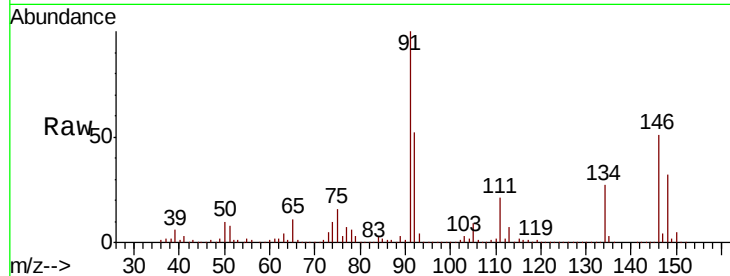




#89
n-Butylbenzene
Concen: 55.342 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

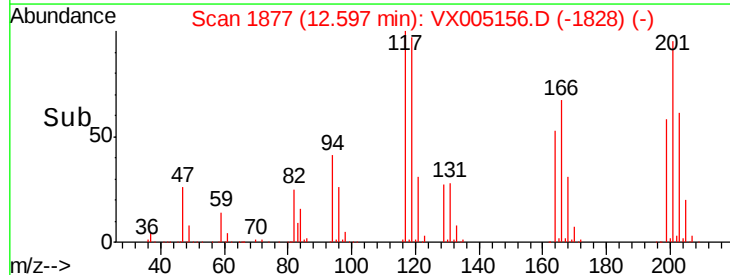
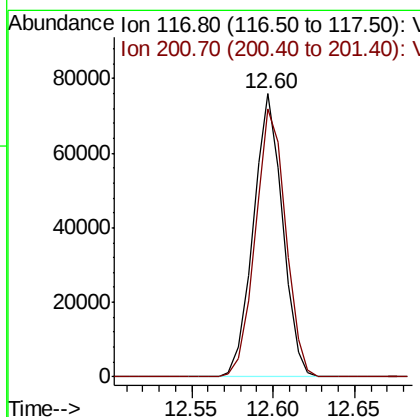
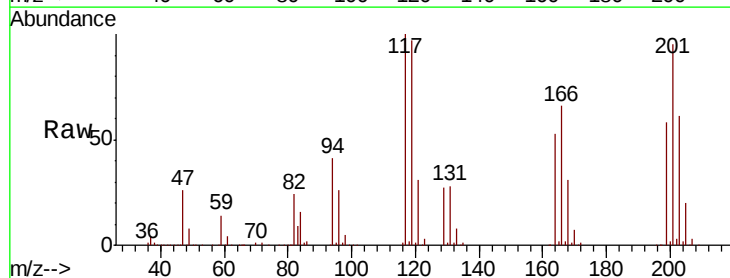
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

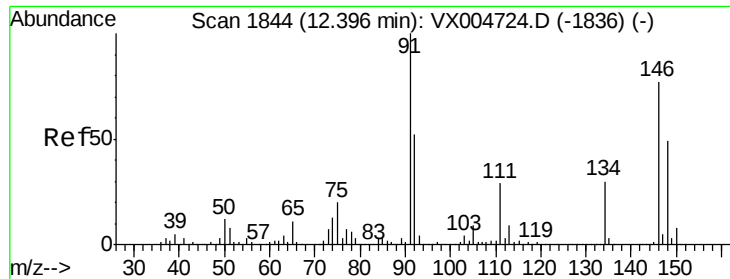
Tot Ion: 91 Resp: 555061
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 26.4 13.2 39.6



#90
Hexachloroethane
Concen: 51.575 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 117 Resp: 94832
Ion Ratio Lower Upper
117 100
201 98.0 48.4 145.0

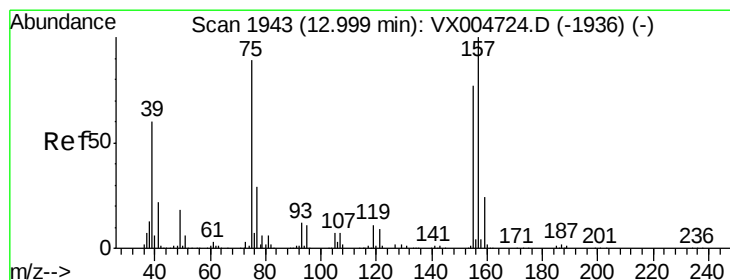
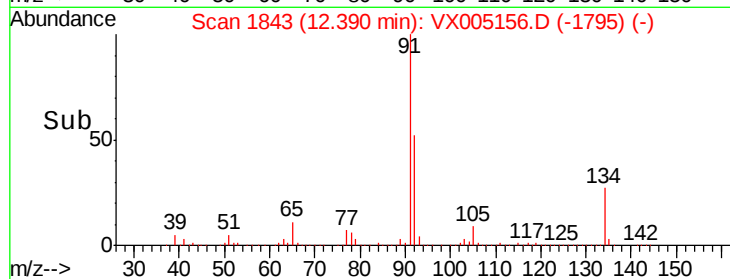
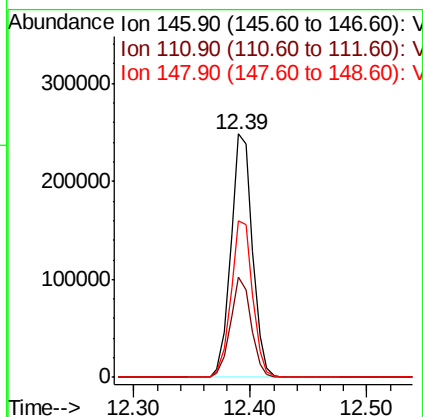
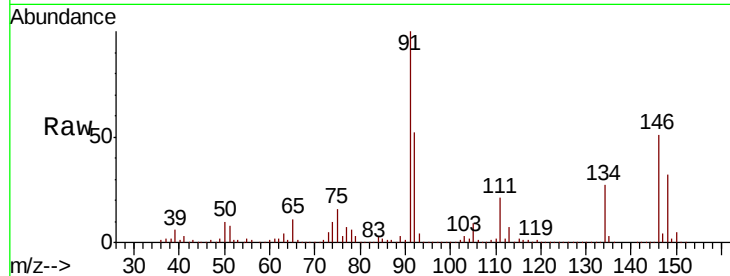




#91
 1,2-Dichlorobenzene
 Concen: 46.421 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

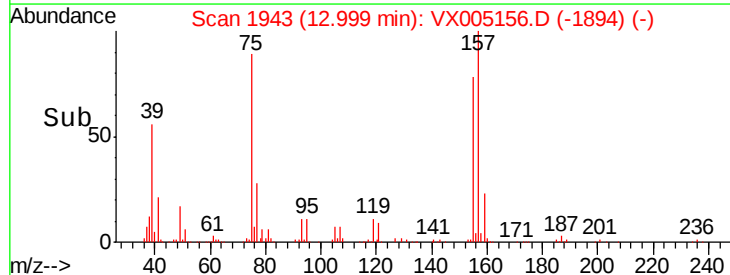
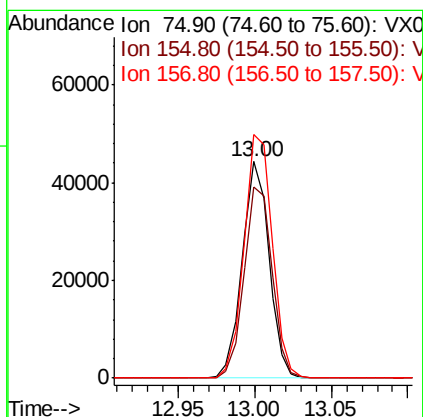
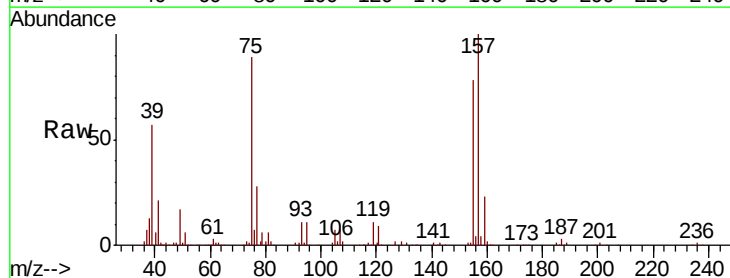
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

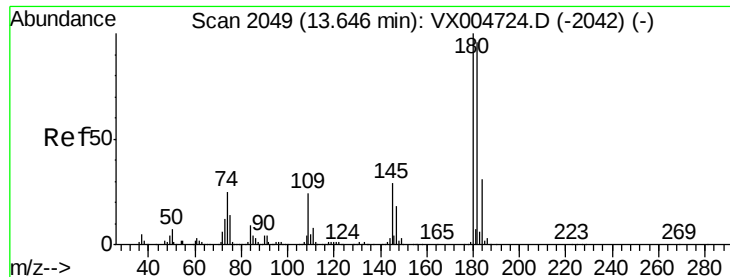
Tot Ion:146 Resp: 319808
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 64.5 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.905 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion: 75 Resp: 54216
 Ion Ratio Lower Upper
 75 100
 155 91.7 46.1 138.3
 157 118.2 60.2 180.6

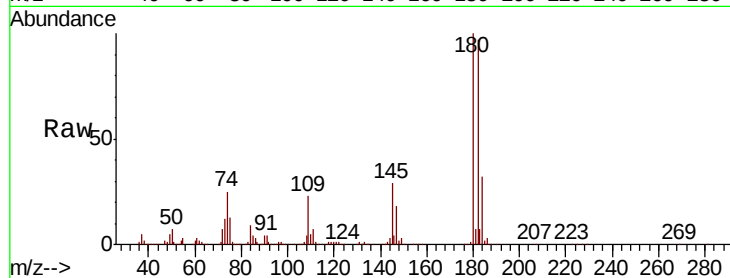




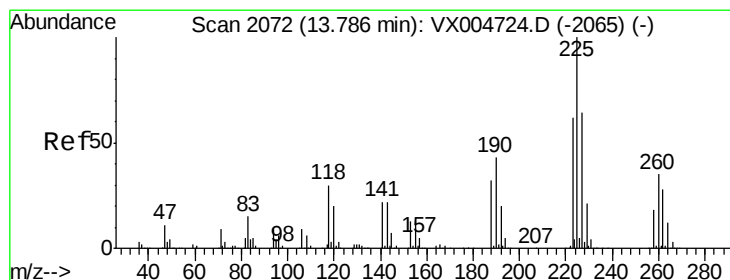
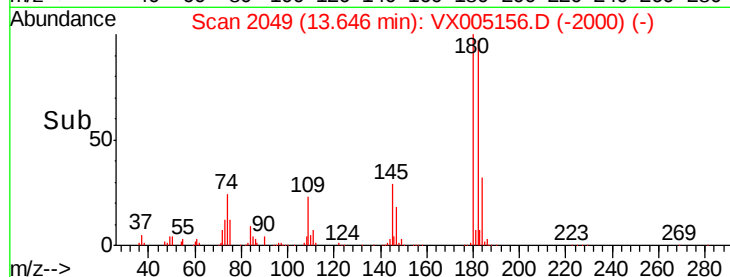
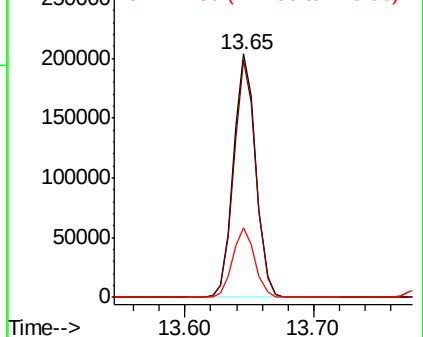
#93
 1,2,4-Trichlorobenzene
 Concen: 51.042 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 246674
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.8 143.4
 145 28.2 14.1 42.4

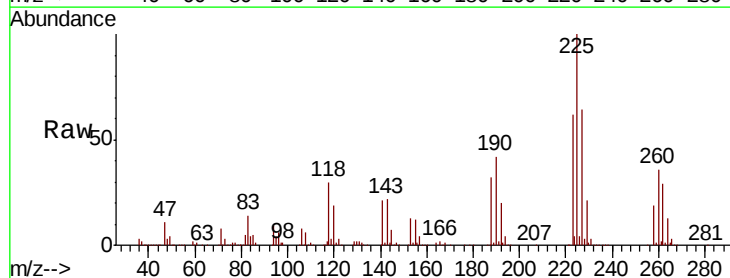


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

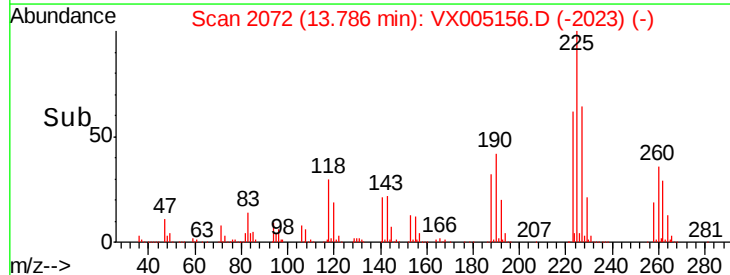
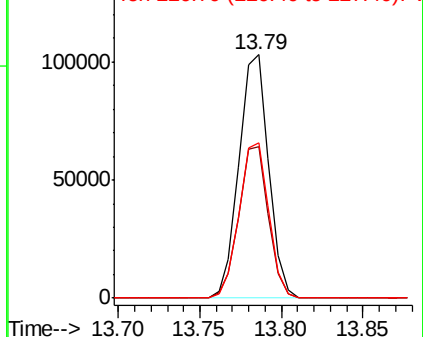


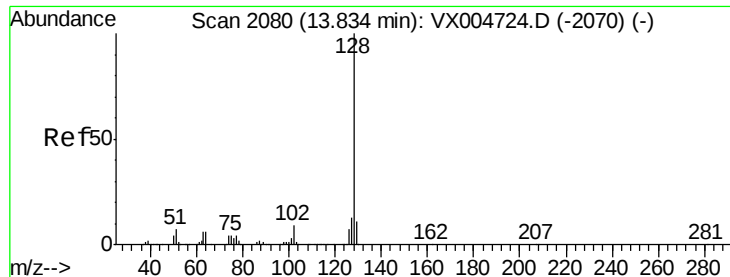
#94
 Hexachlorobutadiene
 Concen: 52.280 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion:225 Resp: 131016
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.3 93.8
 227 63.9 31.9 95.5



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

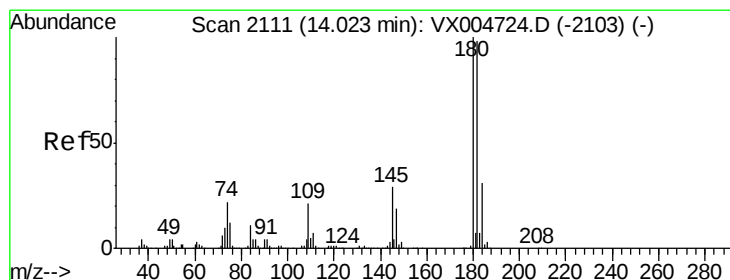
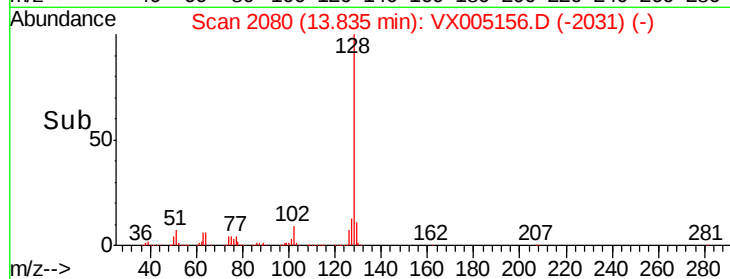
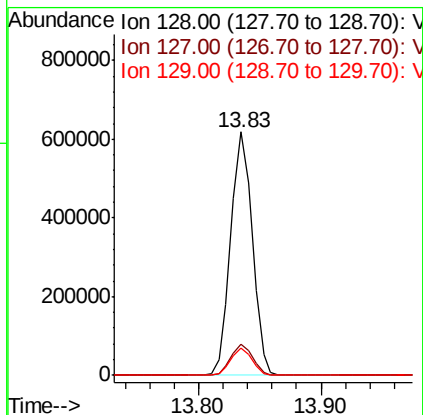
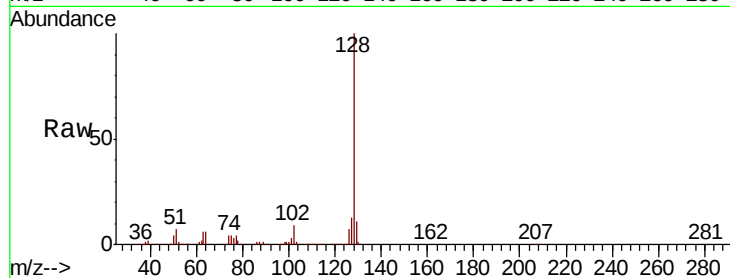




#95
Naphthalene
Concen: 47.169 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 755938
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.340 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion:180 Resp: 251312
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.8
145 29.7 15.0 45.0

