

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005092.D
 Acq On : 06 Oct 2018 03:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 06 06:40:40 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	5.67	168	215843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178893	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	147183	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
35) Dibromofluoromethane	5.49	113	126926	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	8.72	98	430745	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	164779	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	148448	50.442	ug/l	95
3) Chloromethane	1.32	50	173686	48.645	ug/l	99
4) Vinyl Chloride	1.40	62	163141	48.716	ug/l	100
5) Bromomethane	1.64	94	117921	59.382	ug/l	97
6) Chloroethane	1.71	64	96474	53.002	ug/l	97
7) Trichlorofluoromethane	1.92	101	214109	51.645	ug/l	94
8) Diethyl Ether	2.19	74	89705	49.807	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122696	51.956	ug/l	98
10) Methyl Iodide	2.51	142	143497	45.409	ug/l	93
11) Tert butyl alcohol	3.09	59	230215	267.032	ug/l	98
12) 1,1-Dichloroethene	2.37	96	118564	50.696	ug/l #	78
13) Acrolein	2.29	56	68656	111.927	ug/l	89
14) Allyl chloride	2.73	41	268826	52.681	ug/l	96
15) Acrylonitrile	3.15	53	507694	267.508	ug/l	99
16) Acetone	2.45	43	454870	252.691	ug/l	90
17) Carbon Disulfide	2.57	76	308017	43.830	ug/l	100
18) Methyl Acetate	2.78	43	290168	63.623	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	437950	54.288	ug/l	93
20) Methylene Chloride	2.85	84	139688	53.429	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	124461	48.614	ug/l	92
22) Diisopropyl ether	3.88	45	482421	56.142	ug/l	92
23) Vinyl Acetate	3.82	43	2102325	267.283	ug/l	97
24) 1,1-Dichloroethane	3.70	63	268637	52.409	ug/l	99
25) 2-Butanone	4.70	43	683183	257.474	ug/l	98
26) 2,2-Dichloropropane	4.58	77	136189	38.155	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	146178	51.110	ug/l	99
28) Bromochloromethane	5.01	49	124981	51.778	ug/l	97
29) Tetrahydrofuran	5.17	42	450895	273.405	ug/l	100
30) Chloroform	5.21	83	258419	53.345	ug/l	96
31) Cyclohexane	5.58	56	218354	55.659	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	205546	51.955	ug/l	98
36) 1,1-Dichloropropene	5.79	75	177193	50.683	ug/l	93
37) Ethyl Acetate	4.86	43	249001	53.656	ug/l	99
38) Carbon Tetrachloride	5.78	117	173028	47.082	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190047	53.236	ug/l	86
40) Benzene	6.15	78	537138	49.076	ug/l	94
41) Methacrylonitrile	5.06	41	139247	54.105	ug/l	97
42) 1,2-Dichloroethane	6.20	62	192674	49.797	ug/l	98
43) Isopropyl Acetate	6.46	43	359883	53.729	ug/l	98
44) Trichloroethene	7.21	130	135423	50.331	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141784	52.824	ug/l	92
46) Dibromomethane	7.66	93	87418	51.823	ug/l	99
47) Bromodichloromethane	7.90	83	170808	54.084	ug/l	98
48) Methyl methacrylate	7.78	41	174736	57.475	ug/l	99
49) 1,4-Dioxane	7.76	88	78836	1043.770	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1204394	285.574	ug/l	100
52) Toluene	8.79	92	314123	52.231	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	181388	50.824	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	196989	52.697	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	133062	50.509	ug/l	95
56) Ethyl methacrylate	9.18	69	209526	49.069	ug/l	98
57) 1,3-Dichloropropane	9.37	76	223175	50.901	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	590422	259.532	ug/l	100
59) 2-Hexanone	9.50	43	962519	273.872	ug/l	95
60) Dibromochloromethane	9.59	129	138069	52.406	ug/l	98
61) 1,2-Dibromoethane	9.67	107	138116	48.954	ug/l	96
64) Tetrachloroethene	9.34	164	141941	50.420	ug/l	96
65) Chlorobenzene	10.14	112	355877	48.520	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	132161	51.254	ug/l	99
67) Ethyl Benzene	10.26	91	605649	52.011	ug/l	96
68) m/p-Xylenes	10.36	106	473993	104.165	ug/l	96
69) o-Xylene	10.70	106	228504	54.672	ug/l	99
70) Styrene	10.71	104	388747	49.743	ug/l	100
71) Bromoform	10.86	173	114606	51.915	ug/l	97
73) Isopropylbenzene	11.02	105	620595	55.037	ug/l	99
74) N-amyl acetate	10.90	43	302612	48.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	223731	48.743	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	252787	63.045	ug/l	85
77) Bromobenzene	11.26	156	166587	50.864	ug/l	100
78) n-propylbenzene	11.36	91	715448	55.299	ug/l	99
79) 2-Chlorotoluene	11.42	91	429728	53.288	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	527952	51.089	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58170	39.982	ug/l	100
82) 4-Chlorotoluene	11.51	91	507224	53.437	ug/l	99
83) tert-Butylbenzene	11.77	119	527905	56.863	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	547330	51.360	ug/l	100
85) sec-Butylbenzene	11.94	105	635788	56.225	ug/l	100
86) p-Isopropyltoluene	12.07	119	567369	55.380	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	309595	50.623	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	314022	49.741	ug/l	99
89) n-Butylbenzene	12.39	91	502254	53.980	ug/l	100
90) Hexachloroethane	12.60	117	89025	52.190	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	317558	49.687	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54281	53.859	ug/l	99

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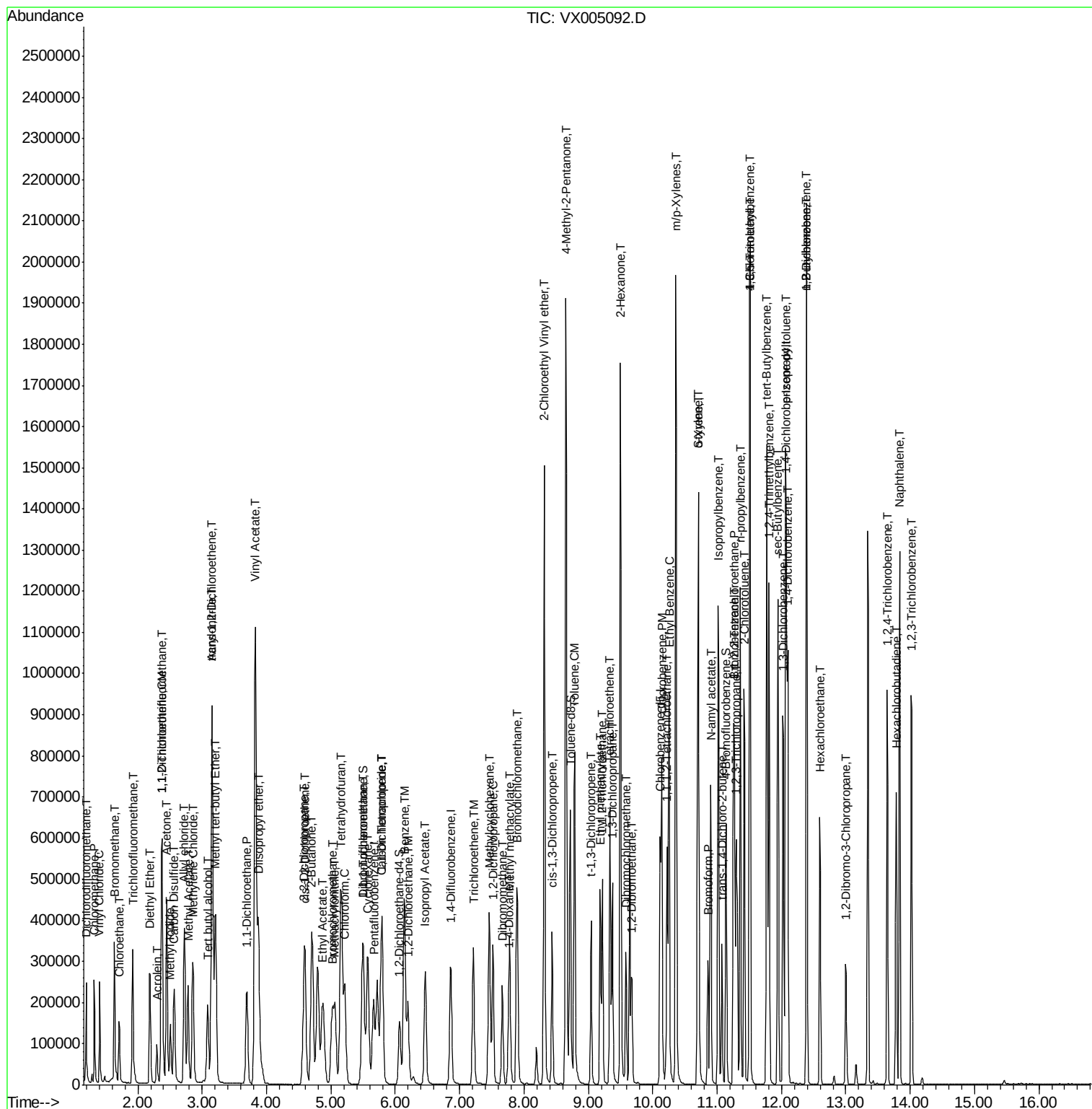
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

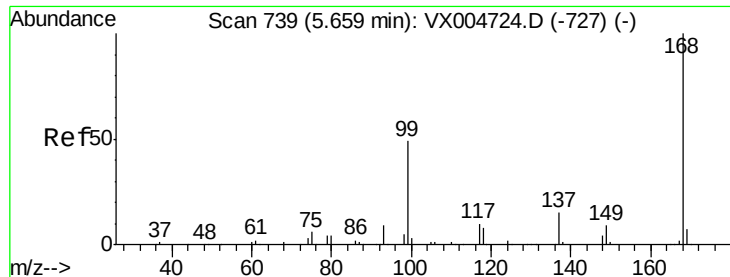
Quant Time: Oct 06 06:40:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	238016	53.090	ug/l	100
94) Hexachlorobutadiene	13.79	225	119299	51.315	ug/l	99
95) Naphthalene	13.83	128	757876	50.918	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246595	53.245	ug/l	99

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

Quant Time: Oct 06 06:40:40 2018
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

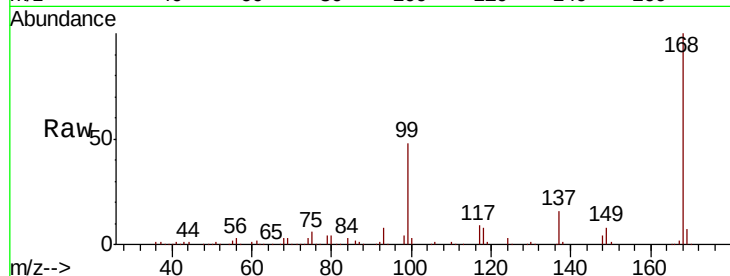
VSTDCCC050

Tot Ion:168 Resp: 215843

Ion Ratio Lower Upper

168 100

99 47.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

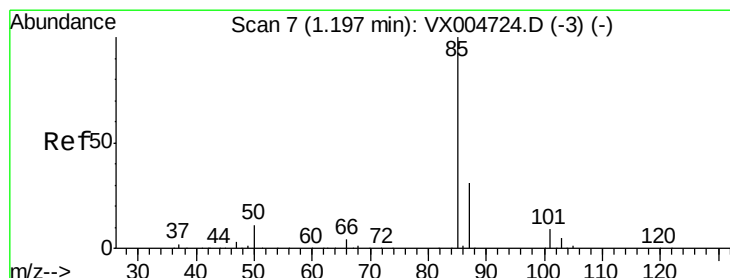
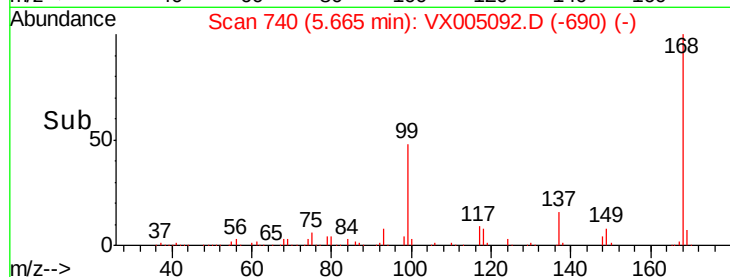
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.442 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005092.D

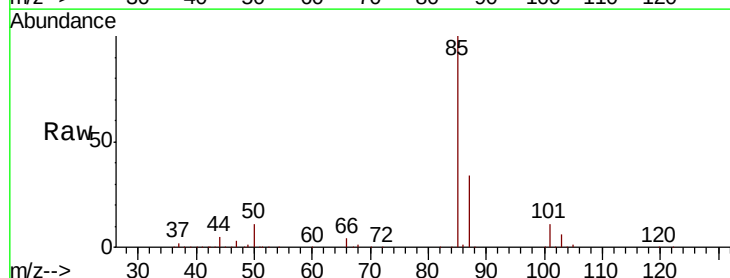
Acq: 06 Oct 2018 03:19

Tgt Ion: 85 Resp: 148448

Ion Ratio Lower Upper

85 100

87 34.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

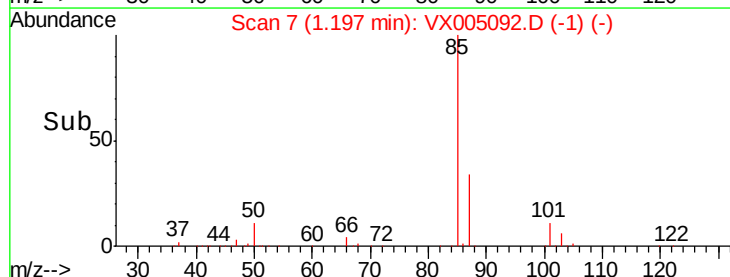
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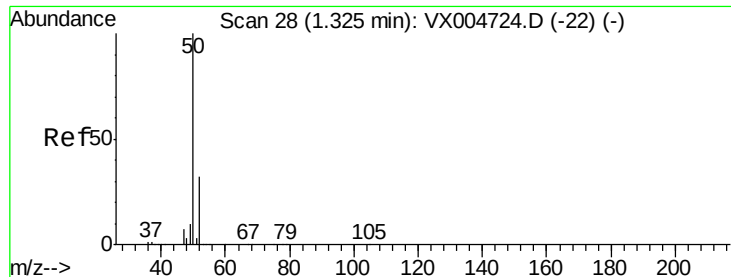
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.645 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

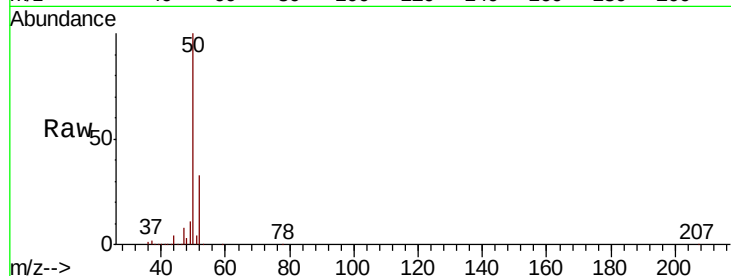
VSTDCCC050

Tot Ion: 50 Resp: 173686

Ion Ratio Lower Upper

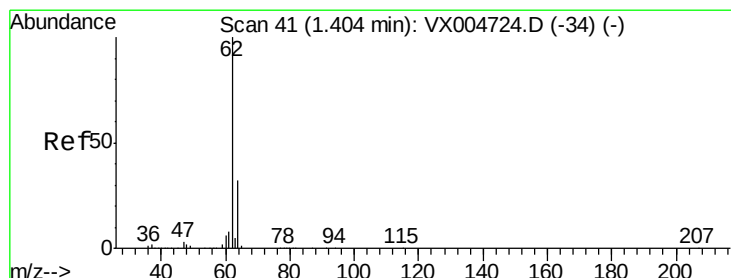
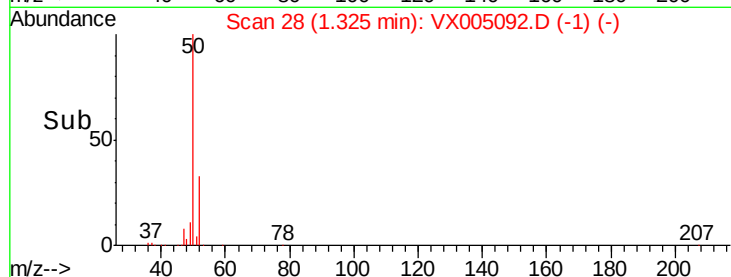
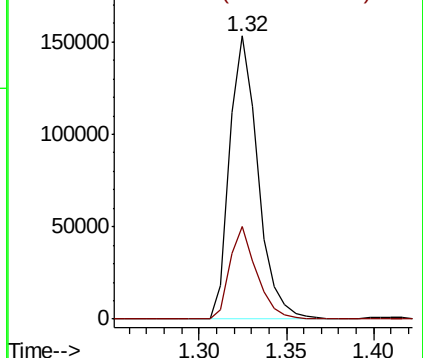
50 100

52 32.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.716 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005092.D

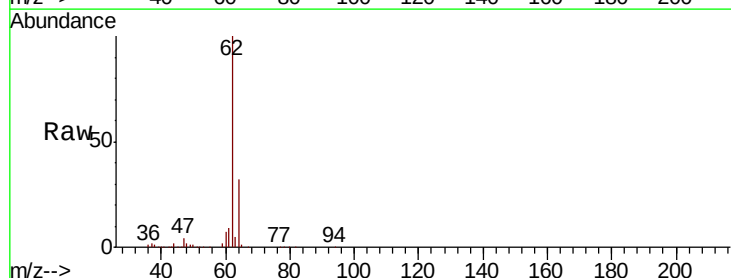
Acq: 06 Oct 2018 03:19

Tgt Ion: 62 Resp: 163141

Ion Ratio Lower Upper

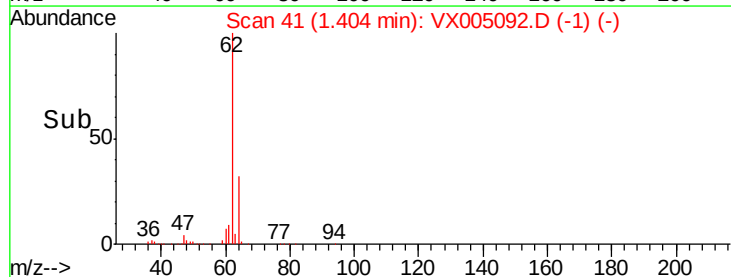
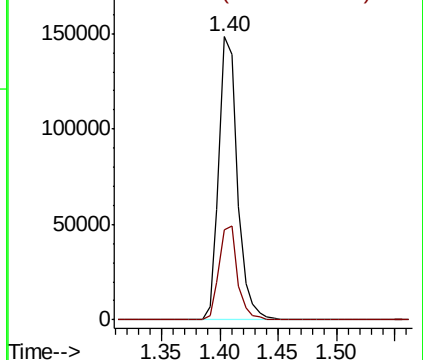
62 100

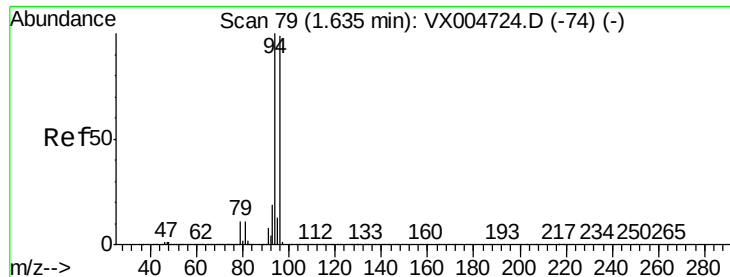
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 59.382 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

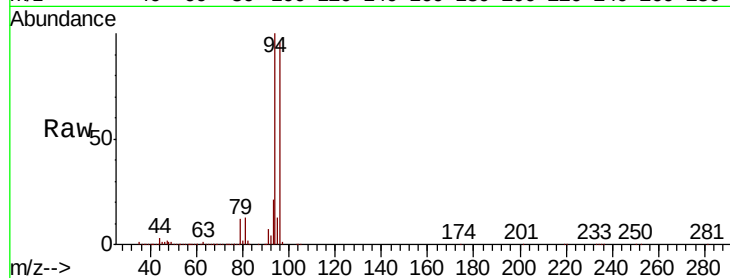
VSTDCCC050

Tot Ion: 94 Resp: 117921

Ion Ratio Lower Upper

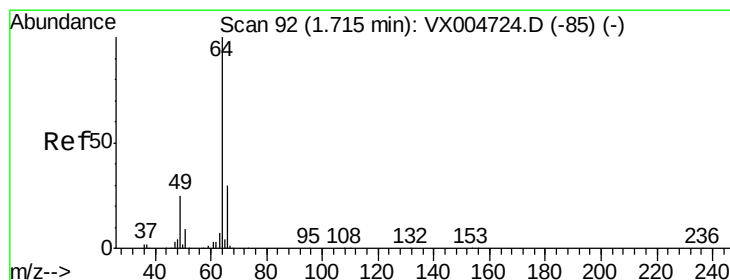
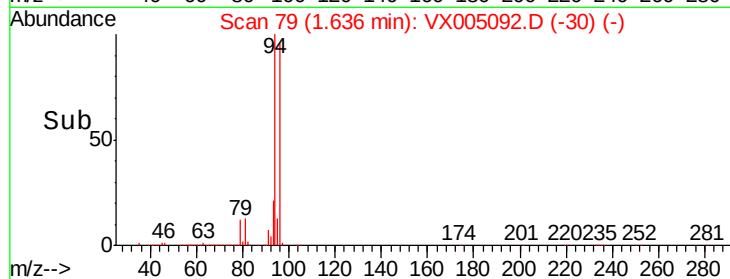
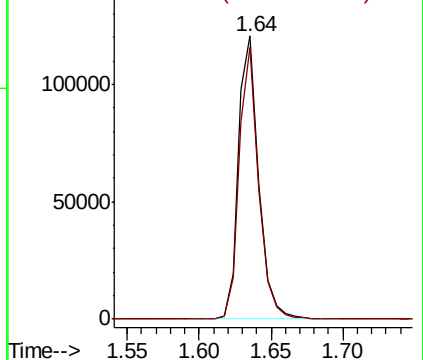
94 100

96 96.0 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: 53.002 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005092.D

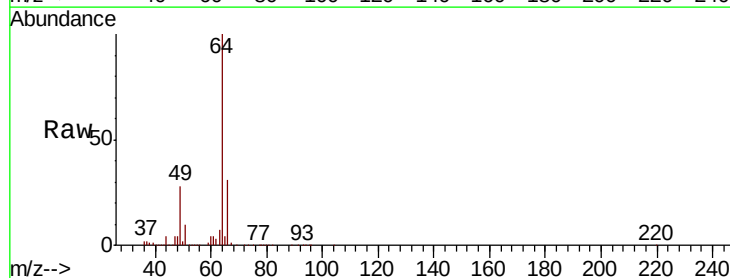
Acq: 06 Oct 2018 03:19

Tgt Ion: 64 Resp: 96474

Ion Ratio Lower Upper

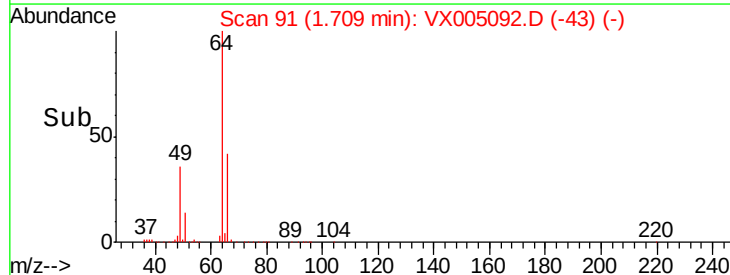
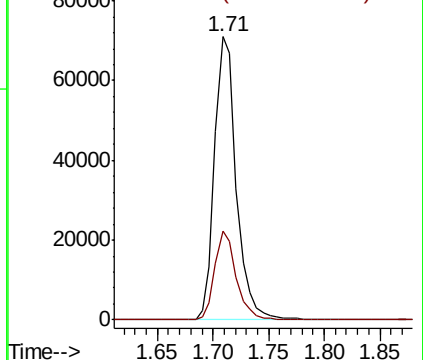
64 100

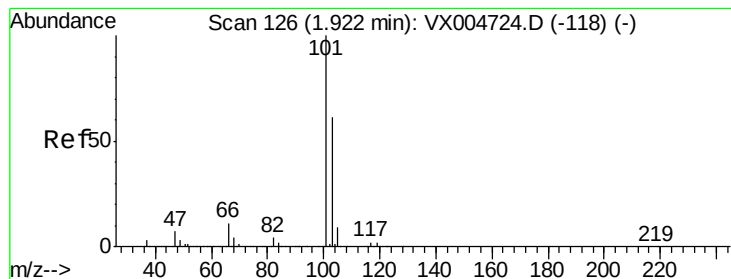
66 31.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



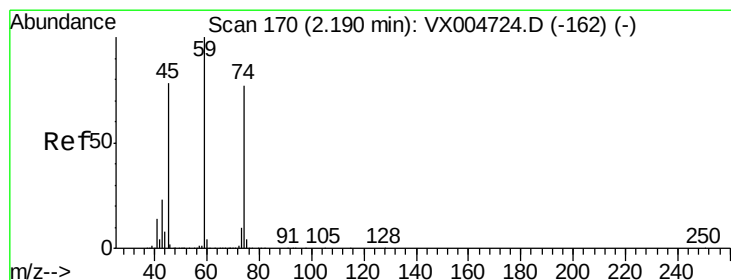
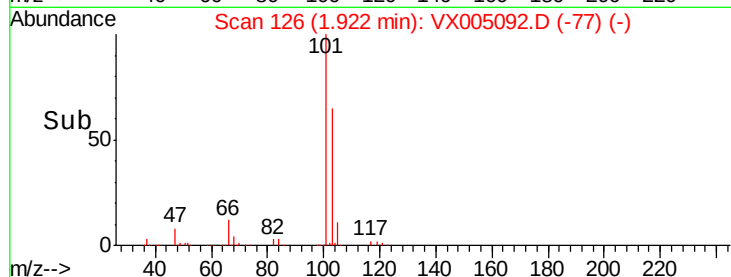
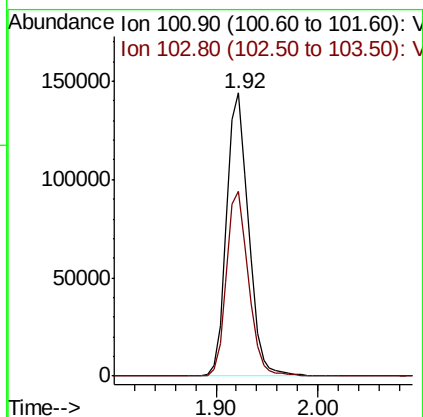
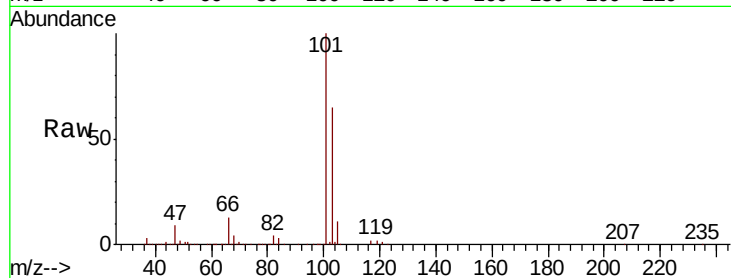


#7

Trichlorofluoromethane
 Concen: 51.645 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

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 VSTDCCC050

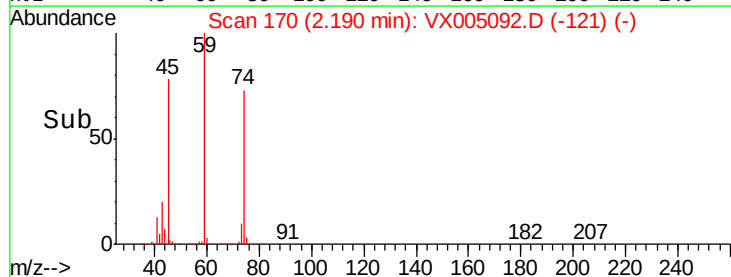
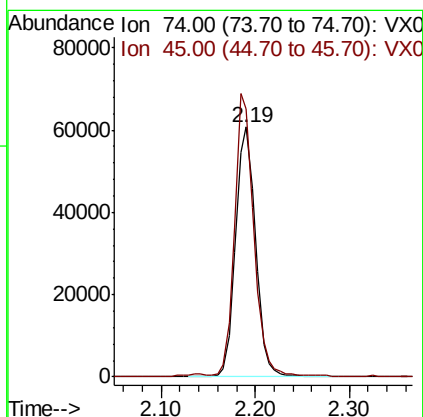
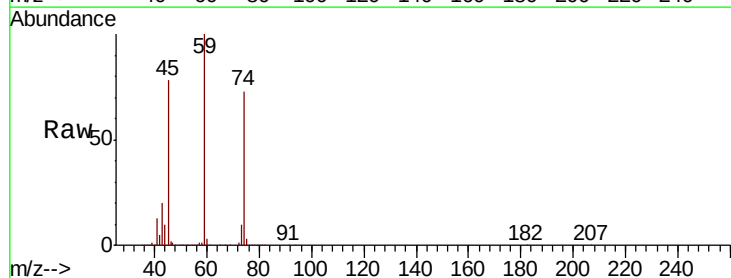
Tot Ion:101 Resp: 214109
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.4 72.6

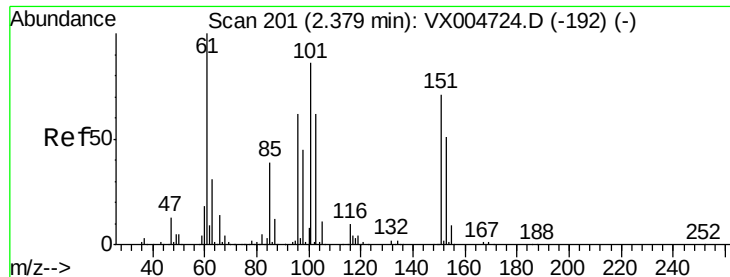


#8

Diethyl Ether
 Concen: 49.807 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion: 74 Resp: 89705
 Ion Ratio Lower Upper
 74 100
 45 106.8 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.956 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

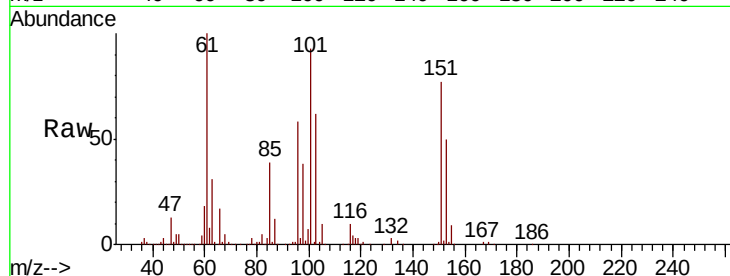
Tot Ion:101 Resp: 122696

Ion Ratio Lower Upper

101 100

85 43.9 35.9 53.9

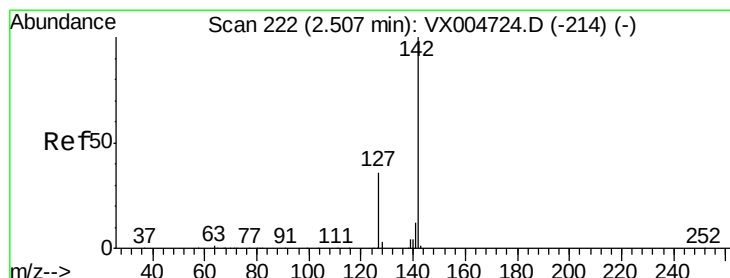
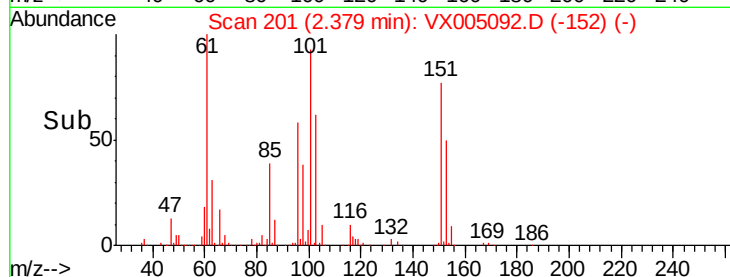
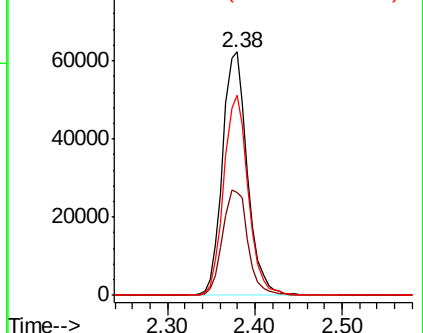
151 81.1 66.6 100.0



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: 45.409 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

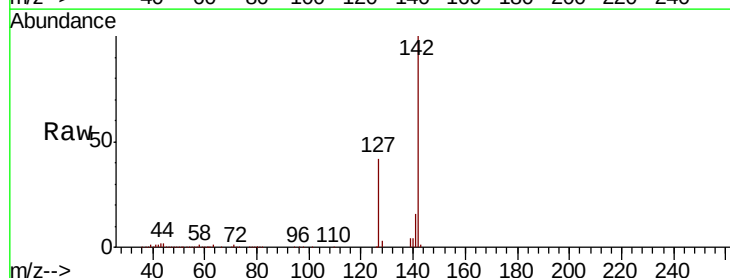
Tgt Ion:142 Resp: 143497

Ion Ratio Lower Upper

142 100

127 42.1 30.1 45.1

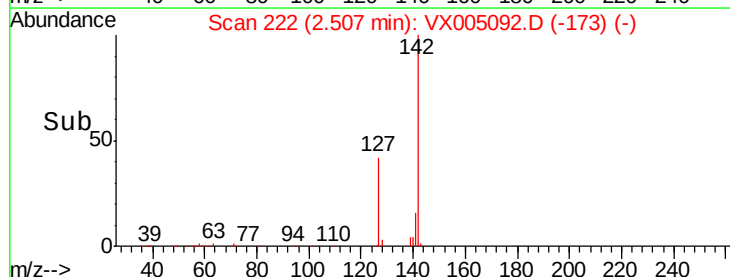
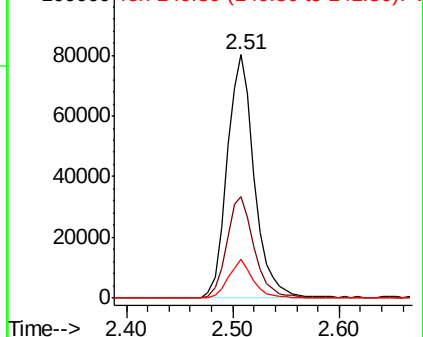
141 14.5 10.1 15.1

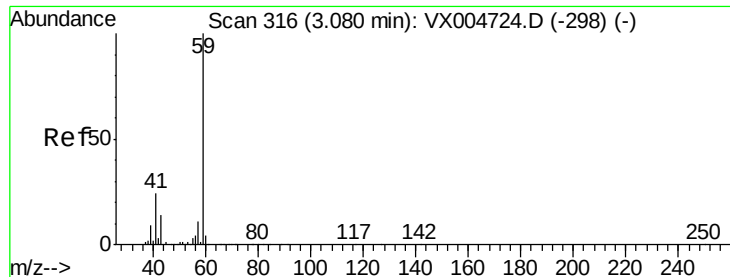


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

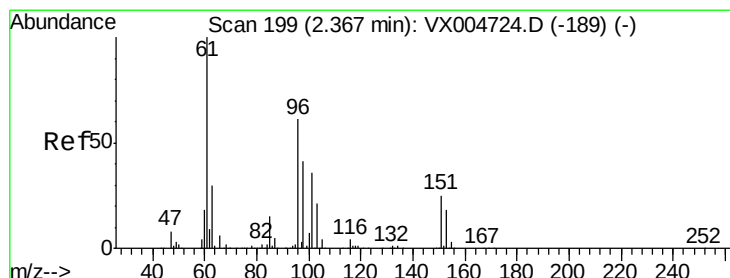
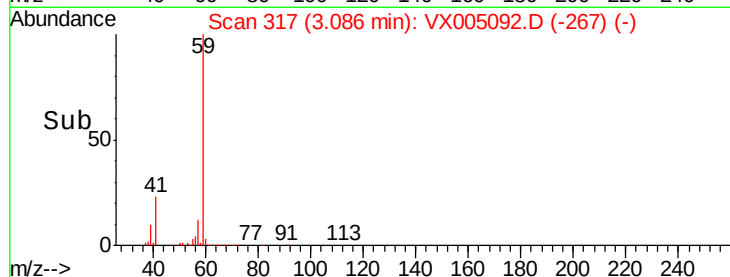
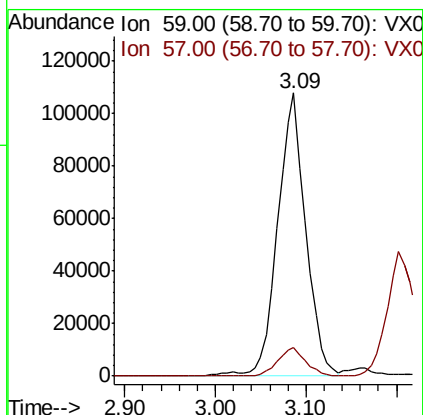
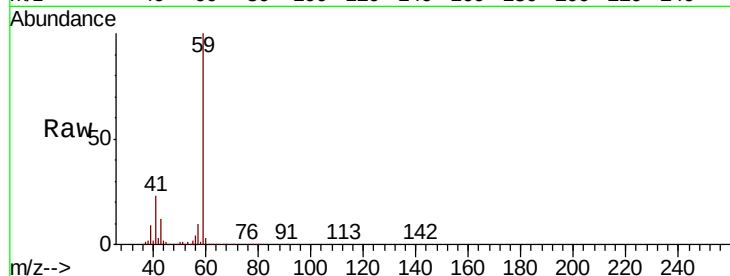




#11
Tert butyl alcohol
Concen: 267.032 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

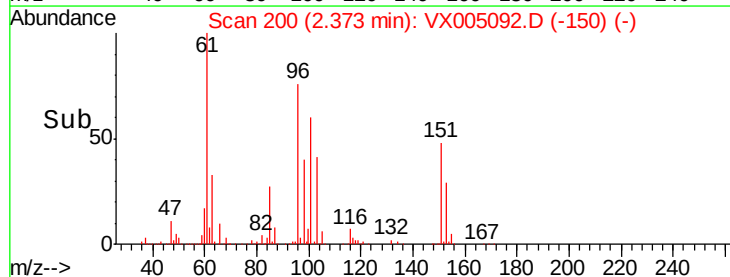
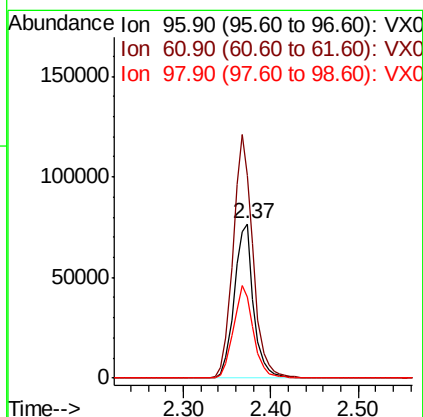
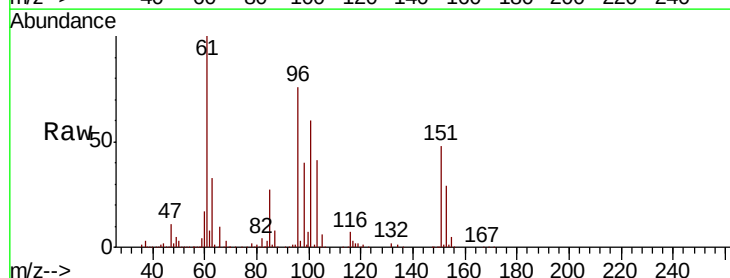
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

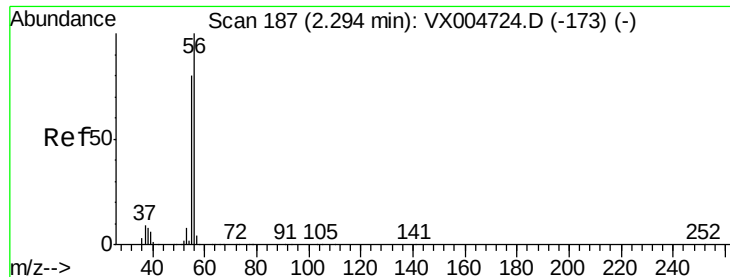
Tot Ion: 59 Resp: 230215
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.696 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 96 Resp: 118564
Ion Ratio Lower Upper
96 100
61 131.4 130.2 195.4
98 52.7 53.4 80.0#





#13

Acrolein

Concen: 111.927 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

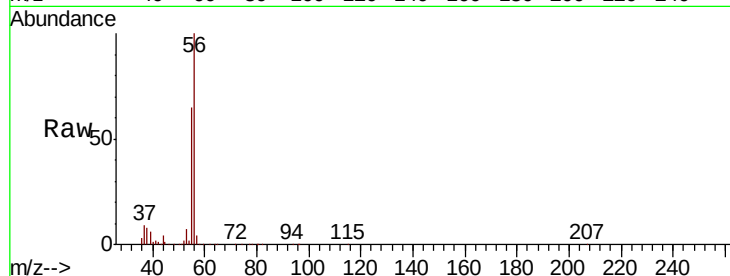
VSTDCCC050

Tot Ion: 56 Resp: 68656

Ion Ratio Lower Upper

56 100

55 69.6 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

50000

40000

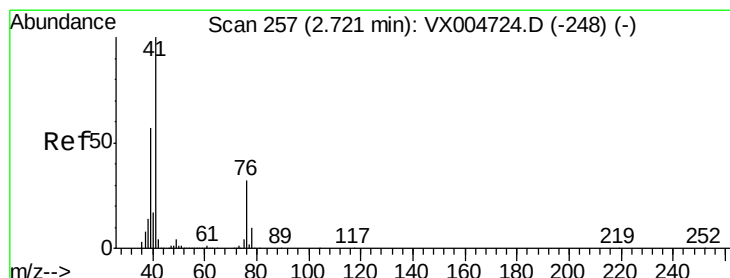
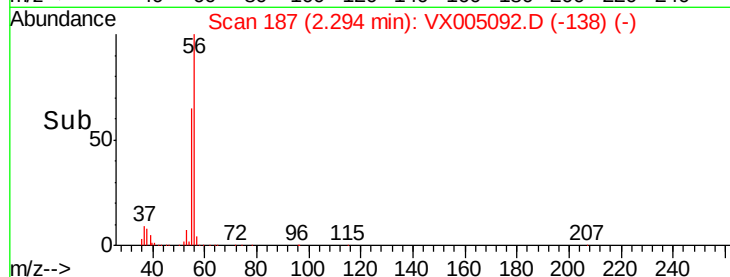
30000

20000

10000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 52.681 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

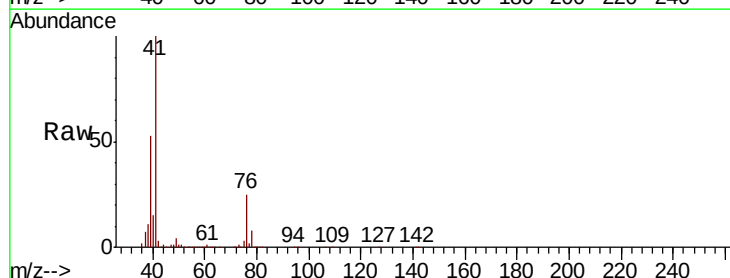
Tgt Ion: 41 Resp: 268826

Ion Ratio Lower Upper

41 100

39 56.8 44.1 66.1

76 26.7 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

200000

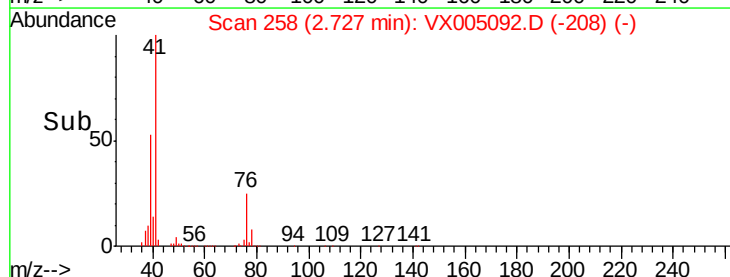
150000

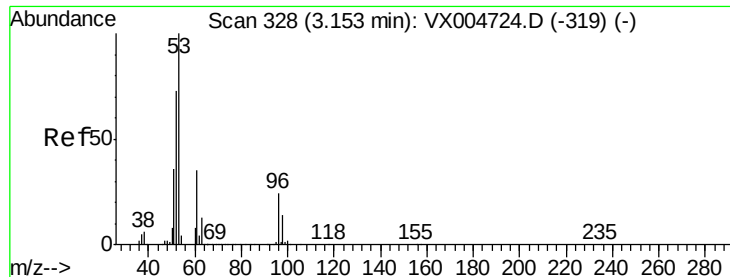
100000

50000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 267.508 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

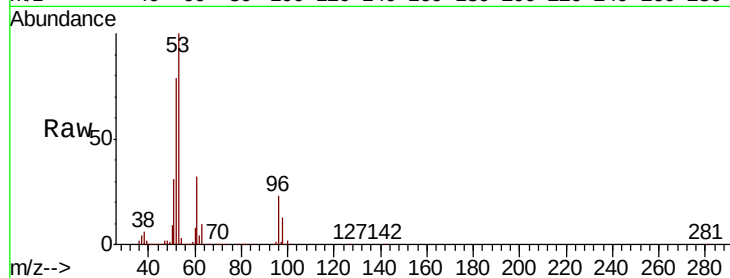
Tot Ion: 53 Resp: 507694

Ion Ratio Lower Upper

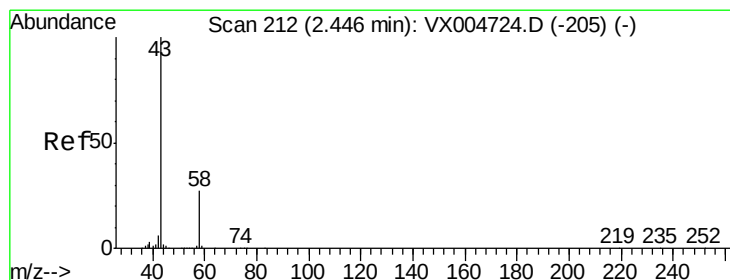
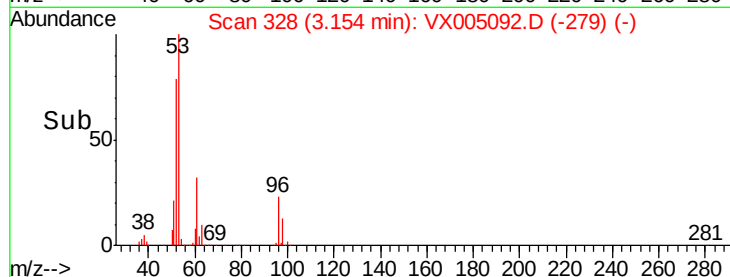
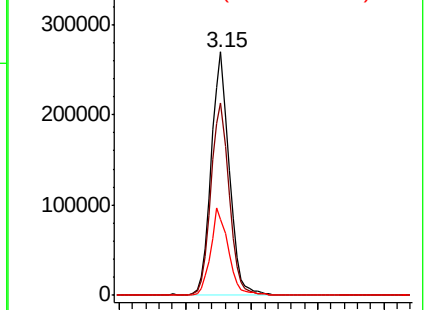
53 100

52 80.3 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: 252.691 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005092.D

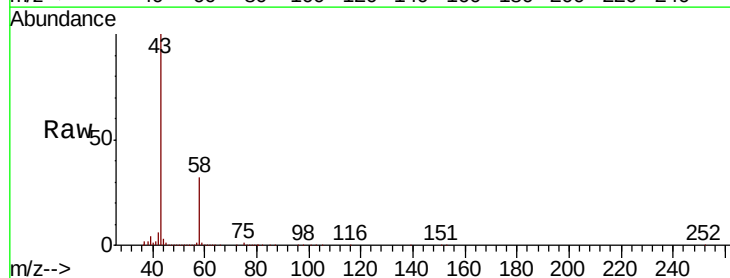
Acq: 06 Oct 2018 03:19

Tgt Ion: 43 Resp: 454870

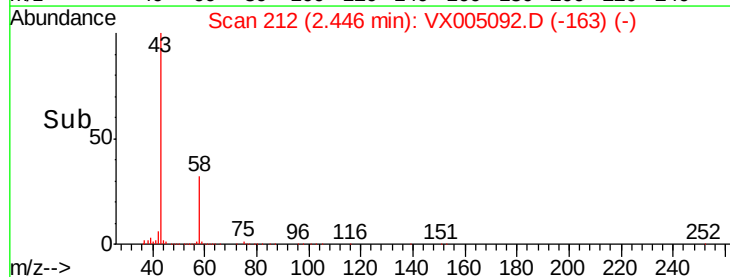
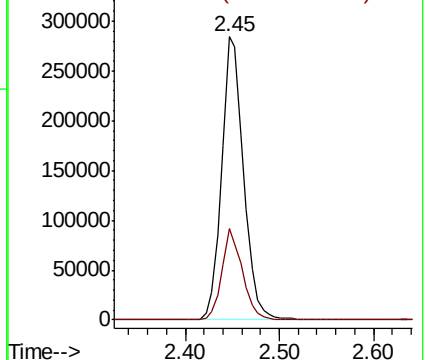
Ion Ratio Lower Upper

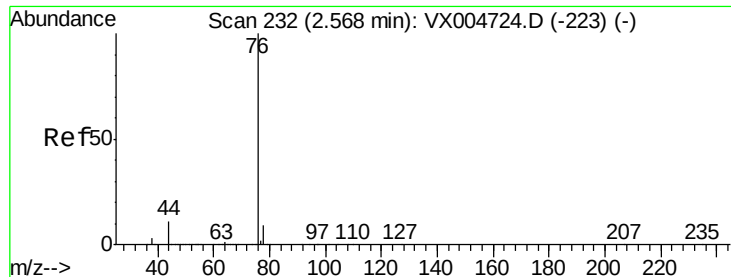
43 100

58 32.3 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: 43.830 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

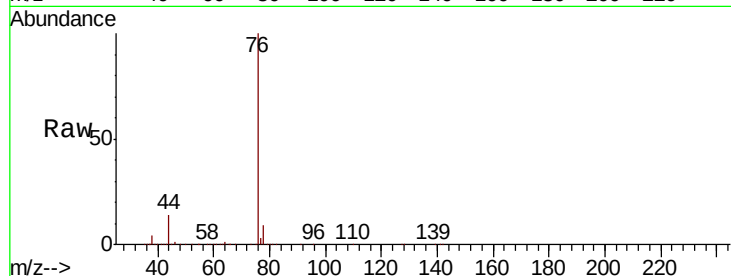
VSTDCCC050

Tot Ion: 76 Resp: 308017

Ion Ratio Lower Upper

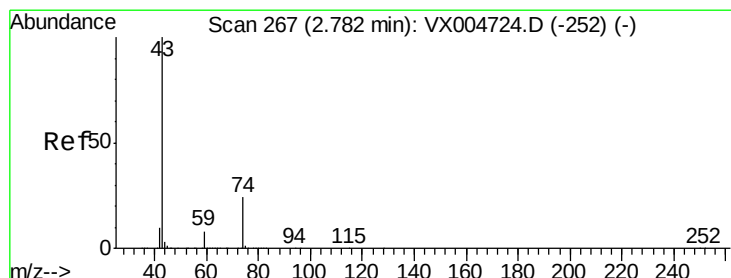
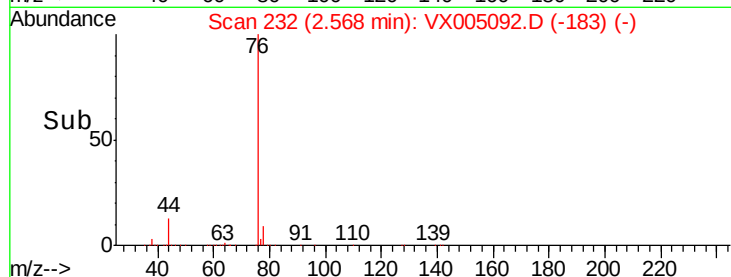
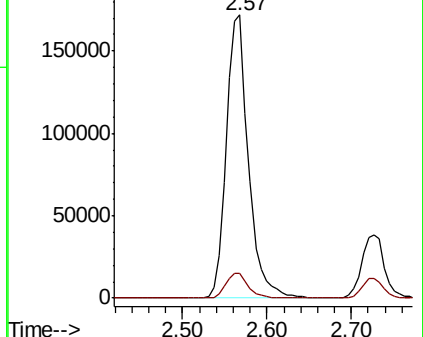
76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 63.623 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005092.D

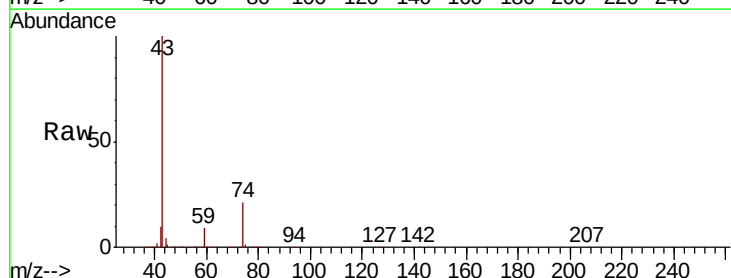
Acq: 06 Oct 2018 03:19

Tgt Ion: 43 Resp: 290168

Ion Ratio Lower Upper

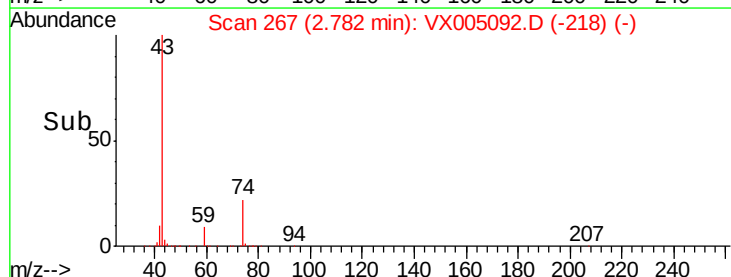
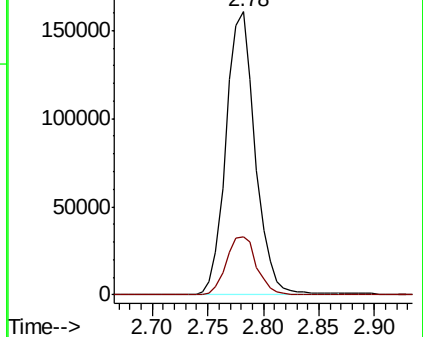
43 100

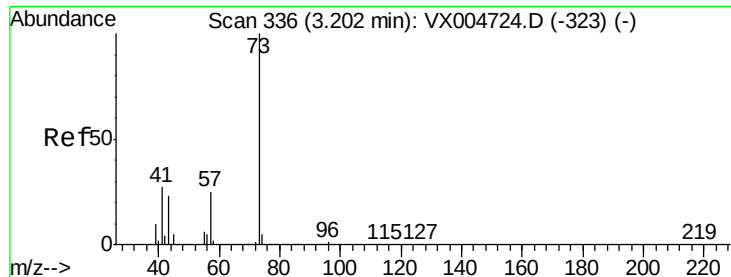
74 21.3 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

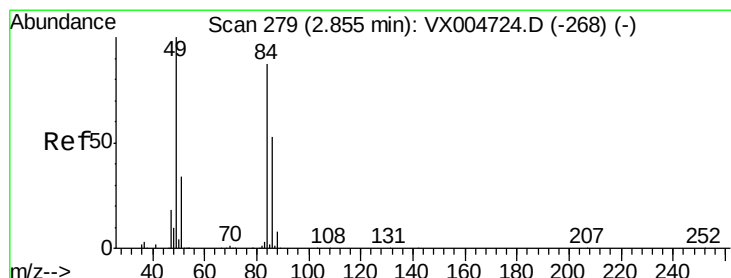
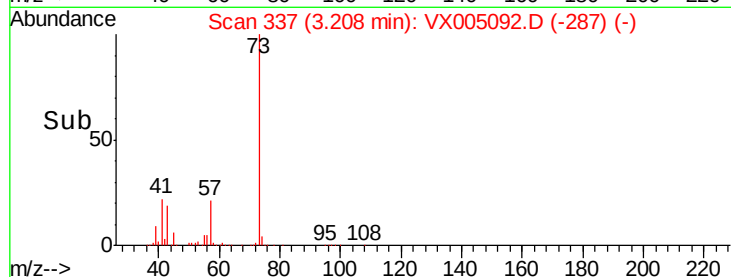
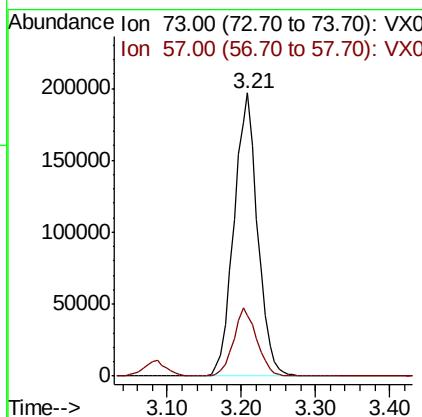
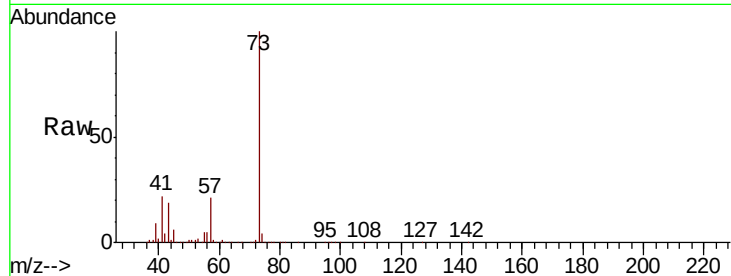




#19
Methyl tert-butyl Ether
Concen: 54.288 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

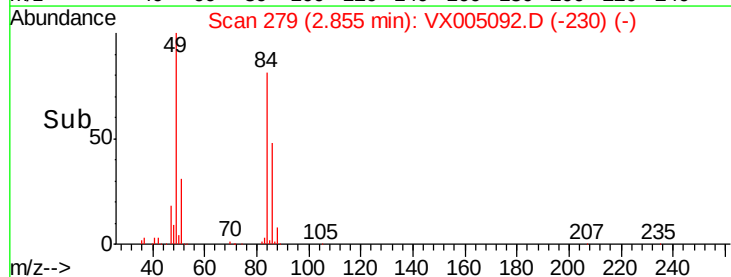
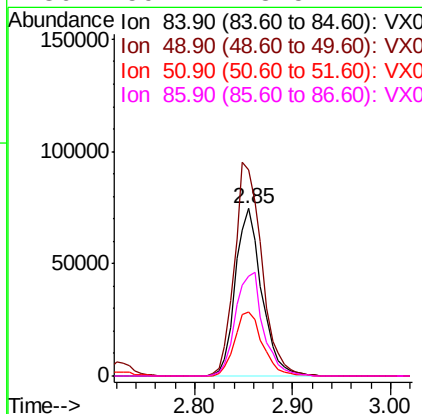
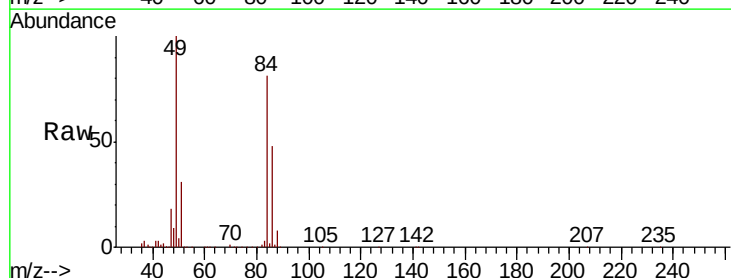
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

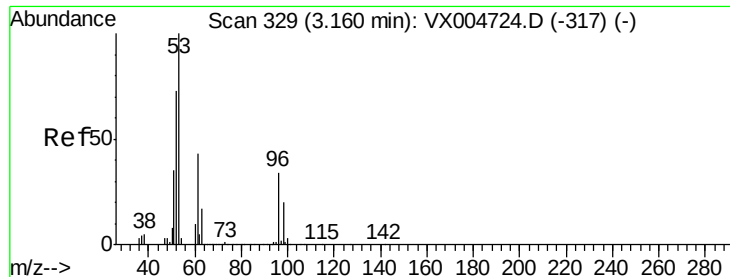
Tot Ion: 73 Resp: 437950
Ion Ratio Lower Upper
73 100
57 21.5 19.9 29.9



#20
Methylene Chloride
Concen: 53.429 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 84 Resp: 139688
Ion Ratio Lower Upper
84 100
49 123.4 92.3 138.5
51 38.1 31.8 47.6
86 59.7 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 48.614 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

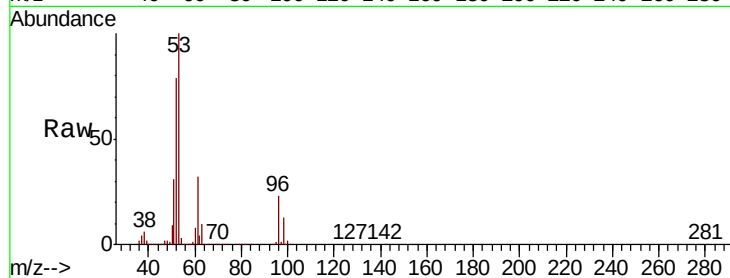
Tot Ion: 96 Resp: 124461

Ion Ratio Lower Upper

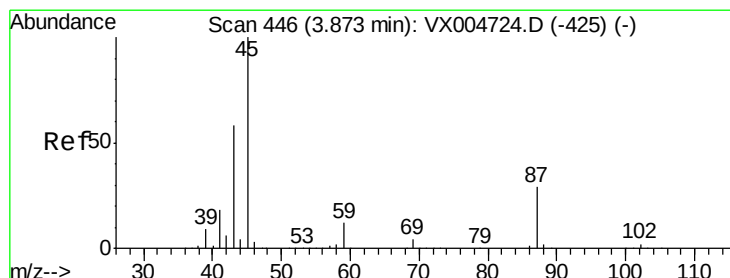
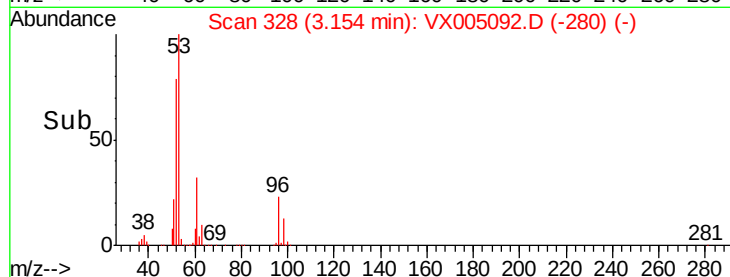
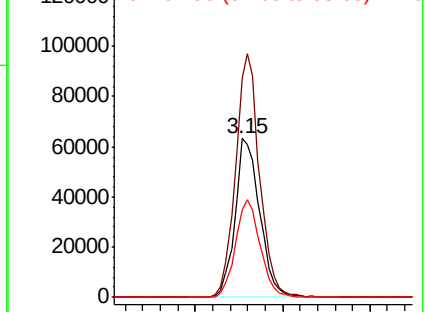
96 100

61 138.0 101.0 151.6

98 55.4 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: 56.142 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Tgt Ion: 45 Resp: 482421

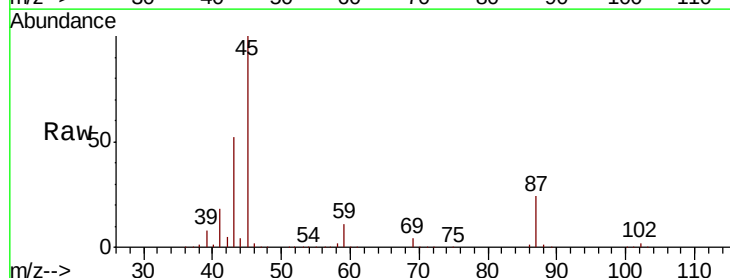
Ion Ratio Lower Upper

45 100

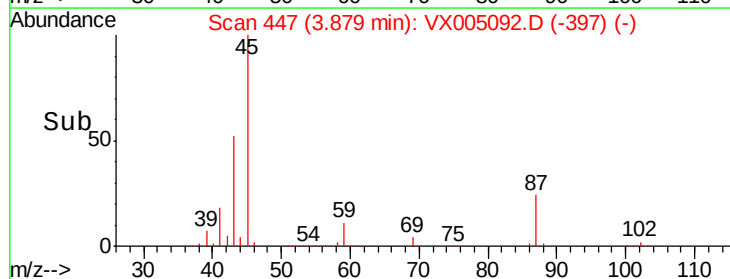
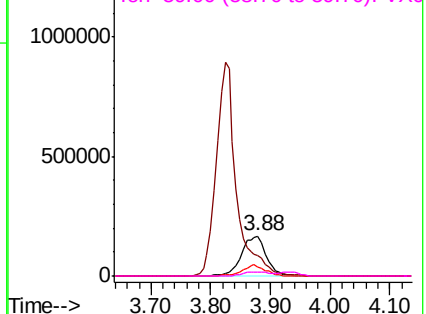
43 52.2 46.7 70.1

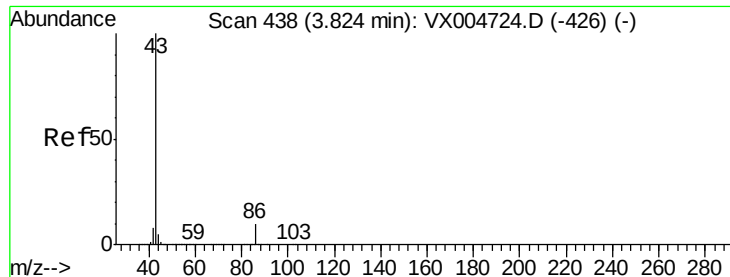
87 23.5 22.9 34.3

59 10.9 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: 267.283 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

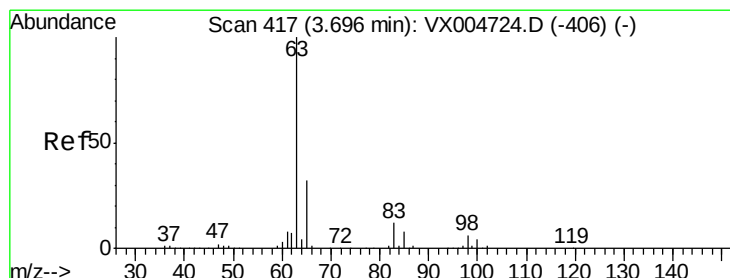
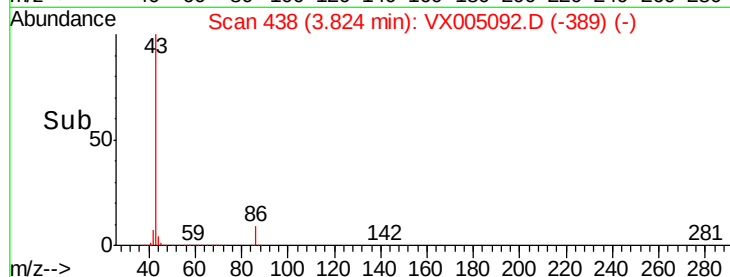
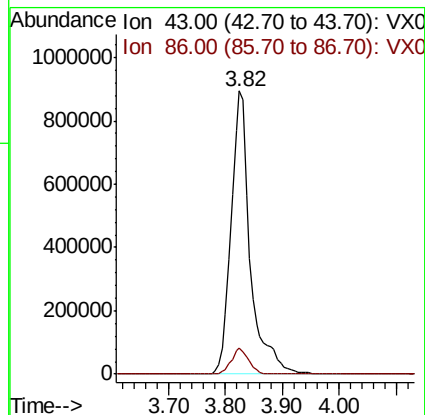
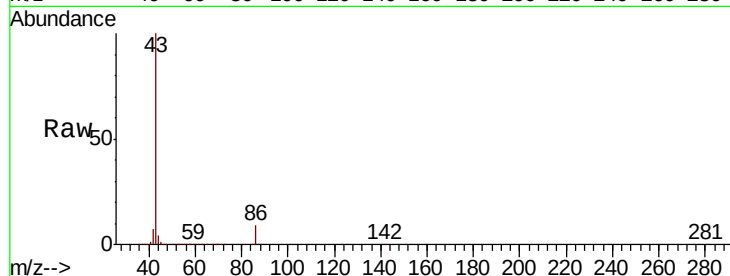
VSTDCCC050

Tot Ion: 43 Resp: 2102325

Ion Ratio Lower Upper

43 100

86 9.2 8.1 12.1



#24

1,1-Dichloroethane

Concen: 52.409 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

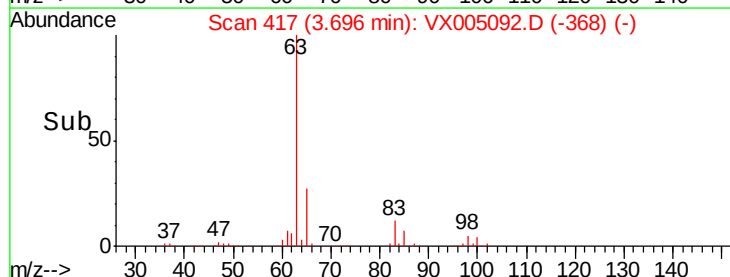
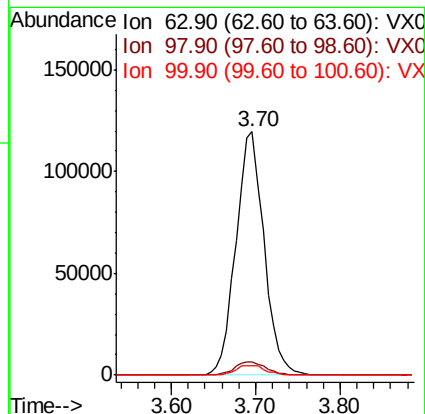
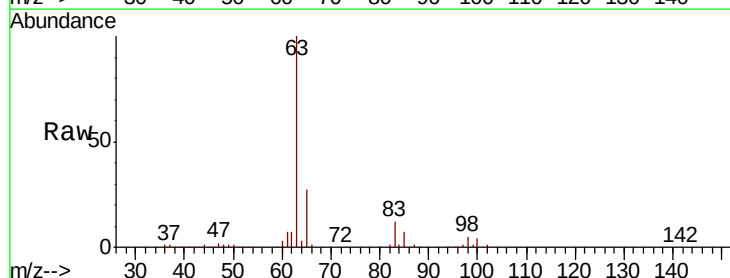
Tgt Ion: 63 Resp: 268637

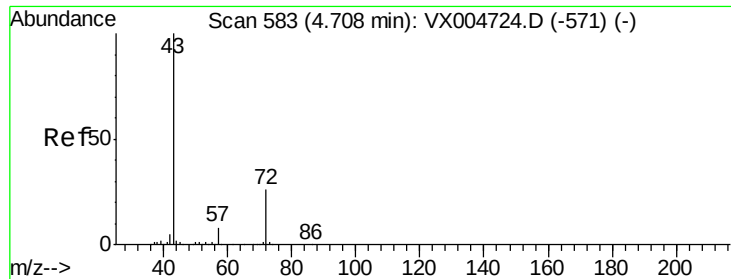
Ion Ratio Lower Upper

63 100

98 5.5 3.0 9.2

100 3.8 2.0 5.8





#25

2-Butanone

Concen: 257.474 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

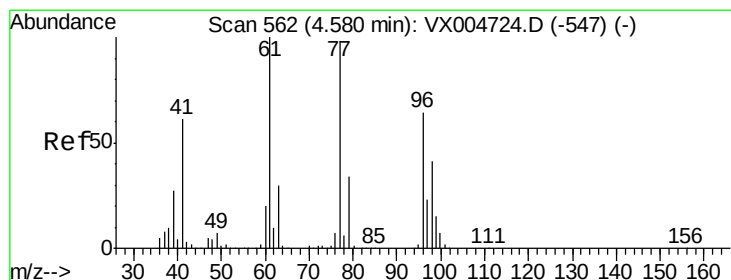
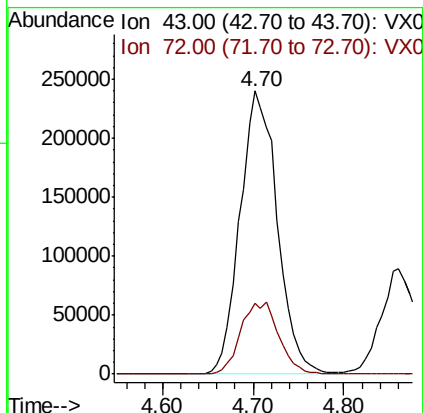
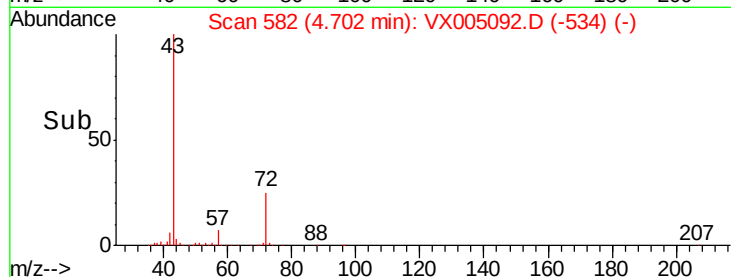
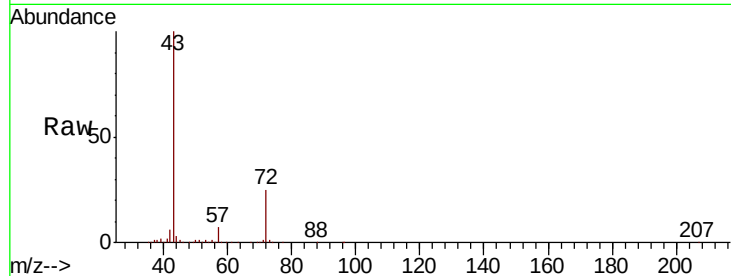
VSTDCCC050

Tot Ion: 43 Resp: 683183

Ion Ratio Lower Upper

43 100

72 24.9 20.8 31.2



#26

2,2-Dichloropropane

Concen: 38.155 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005092.D

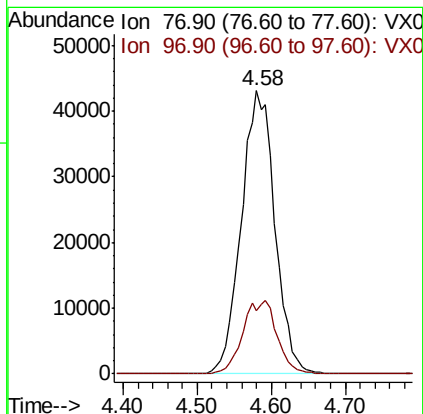
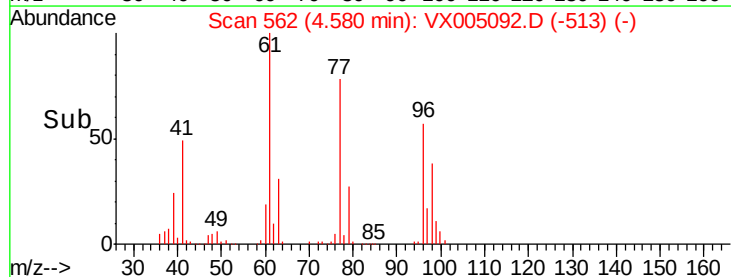
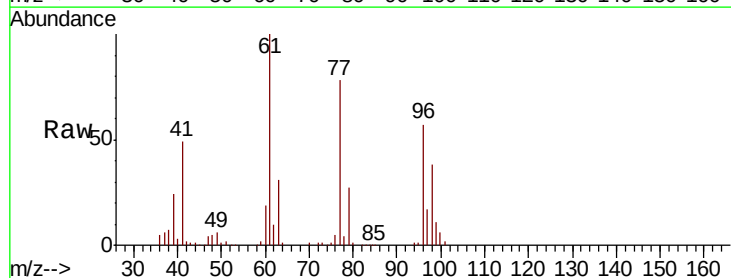
Acq: 06 Oct 2018 03:19

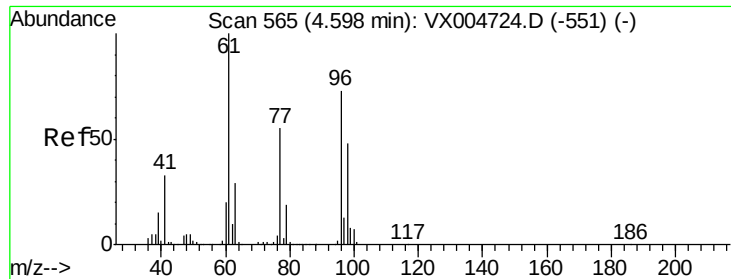
Tgt Ion: 77 Resp: 136189

Ion Ratio Lower Upper

77 100

97 26.3 12.6 37.8



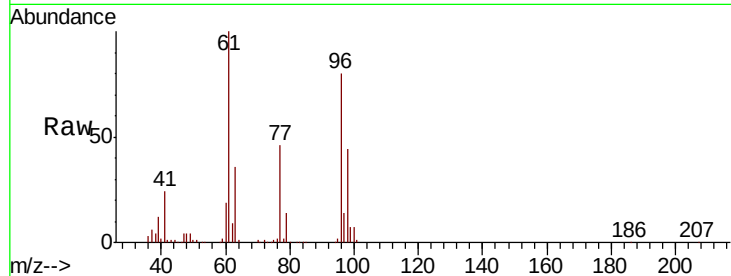


#27

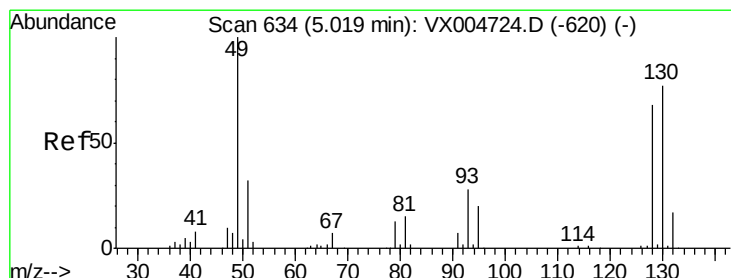
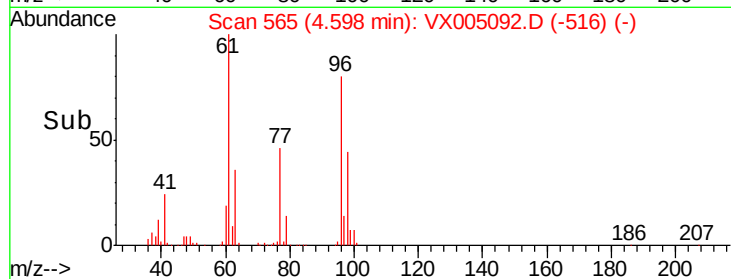
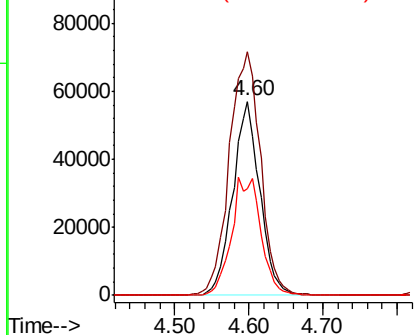
cis-1,2-Dichloroethene
Concen: 51.110 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 146178
Ion Ratio Lower Upper
96 100
61 143.5 0.0 285.8
98 65.3 0.0 136.2



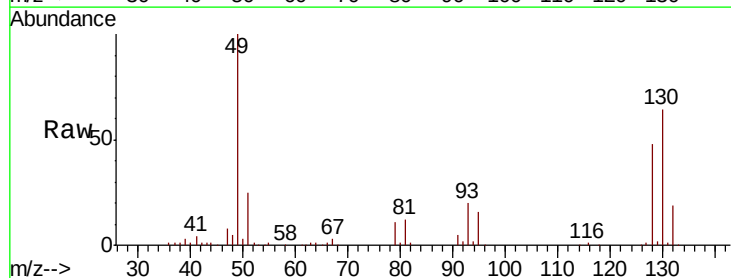
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



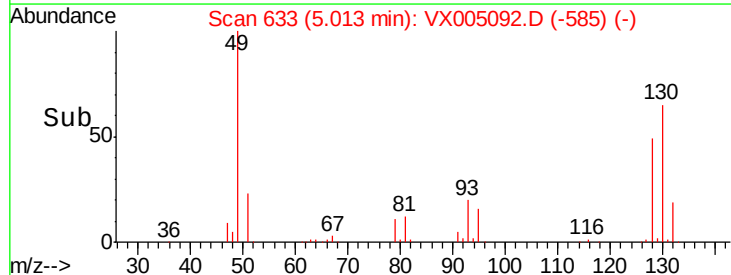
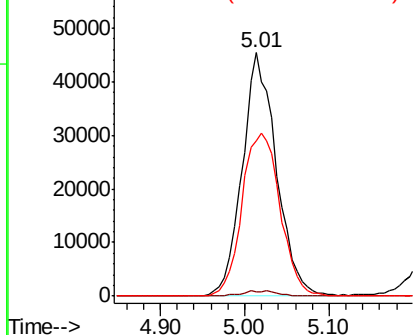
#28

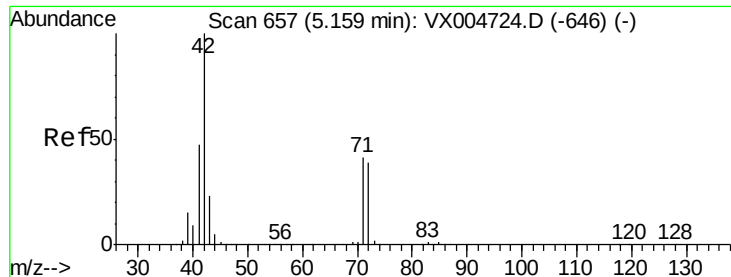
Bromochloromethane
Concen: 51.778 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 49 Resp: 124981
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 74.7 62.0 93.0



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

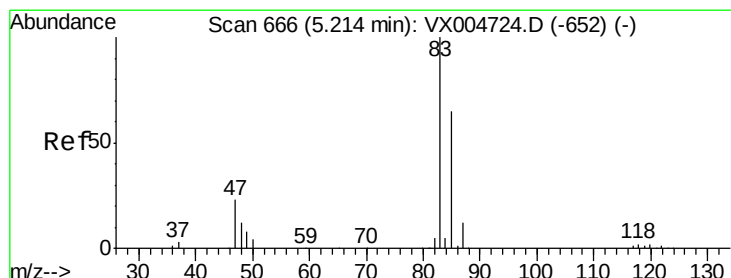
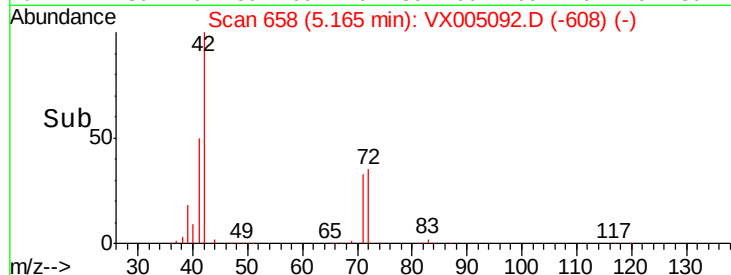
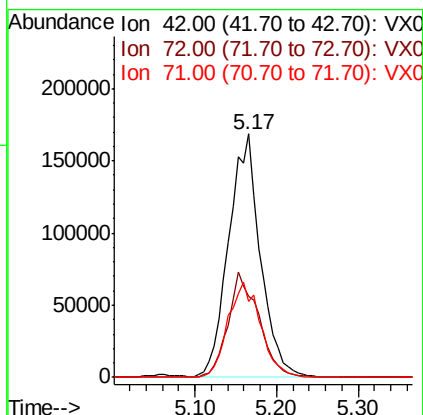
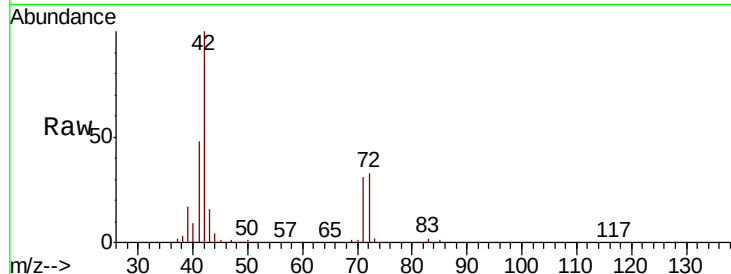




#29
Tetrahydrofuran
Concen: 273.405 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

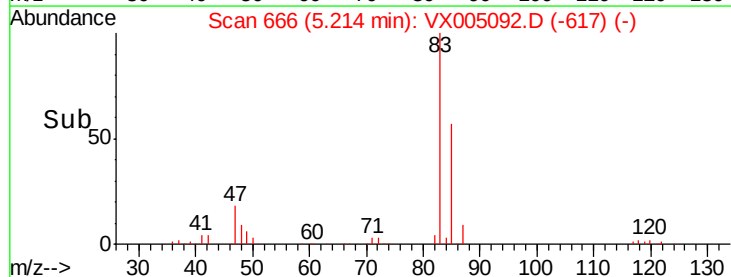
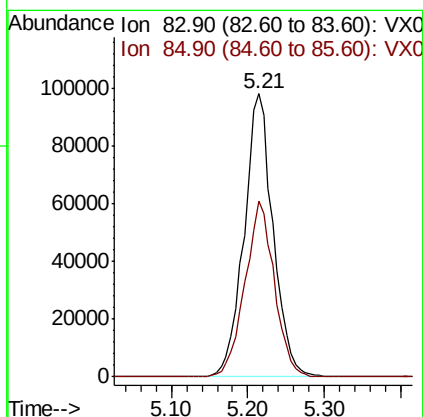
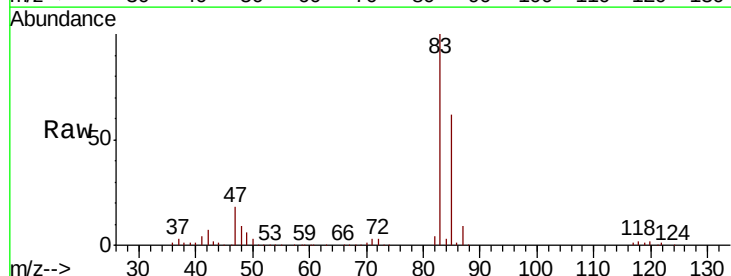
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

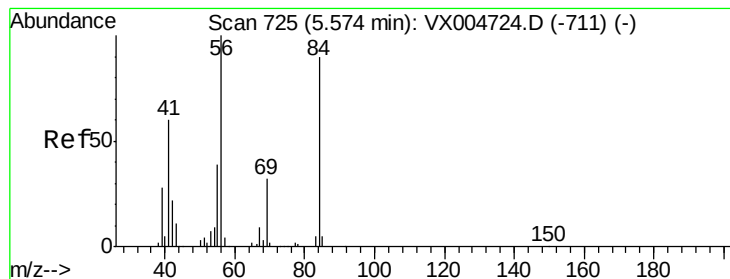
Tot Ion: 42 Resp: 450895
Ion Ratio Lower Upper
42 100
72 42.5 33.7 50.5
71 40.4 32.2 48.4



#30
Chloroform
Concen: 53.345 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 83 Resp: 258419
Ion Ratio Lower Upper
83 100
85 62.1 52.4 78.6





#31

Cyclohexane

Concen: 55.659 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

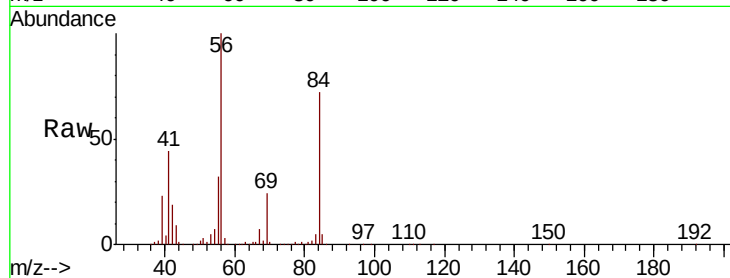
Tot Ion: 56 Resp: 218354

Ion Ratio Lower Upper

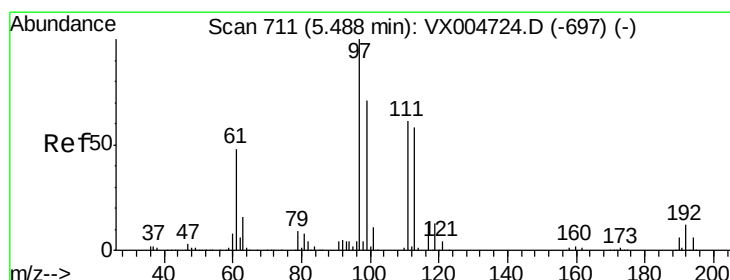
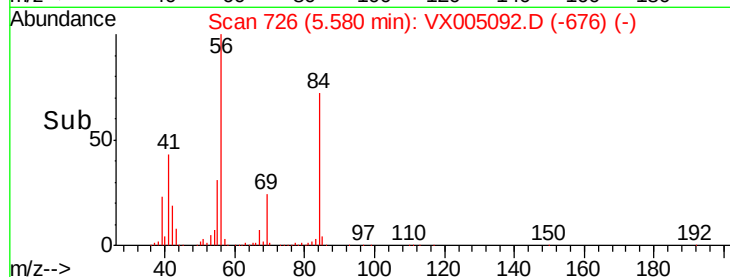
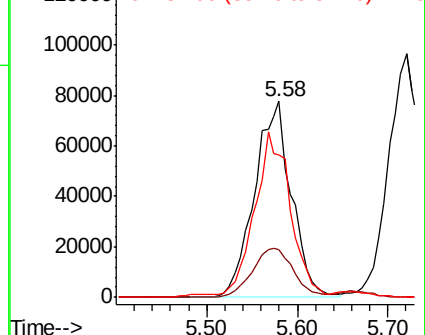
56 100

69 24.1 25.9 38.9#

84 71.3 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: 51.955 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

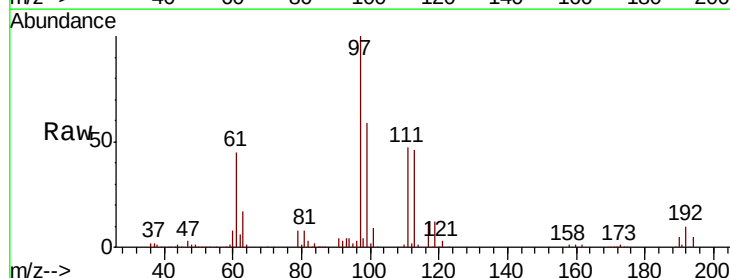
Tgt Ion: 97 Resp: 205546

Ion Ratio Lower Upper

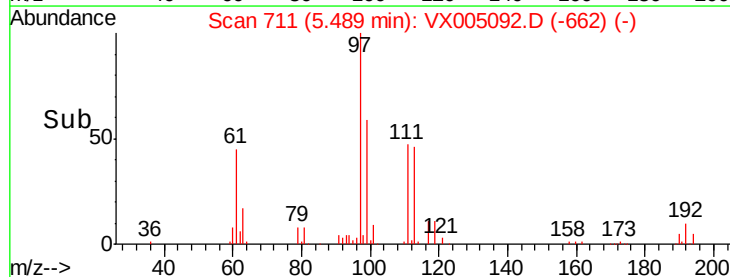
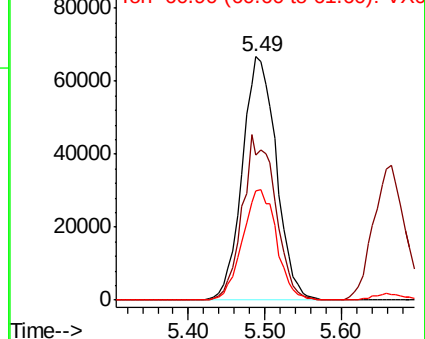
97 100

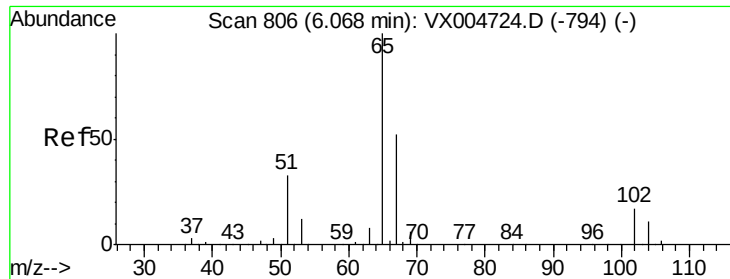
99 66.0 54.6 82.0

61 45.7 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

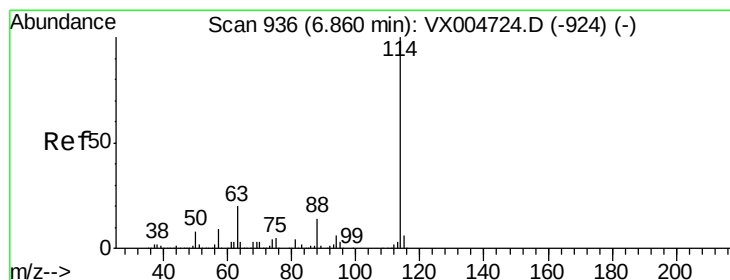
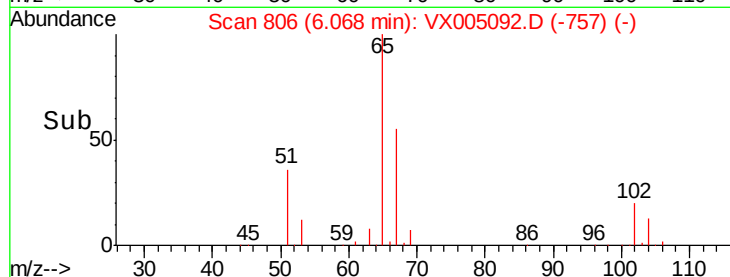
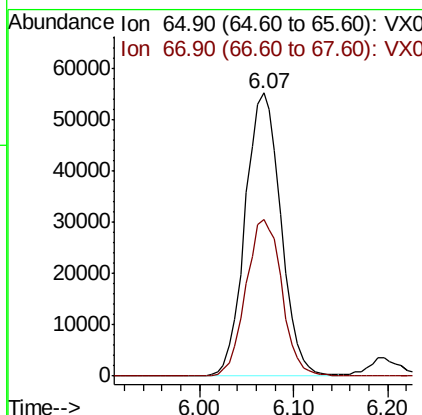
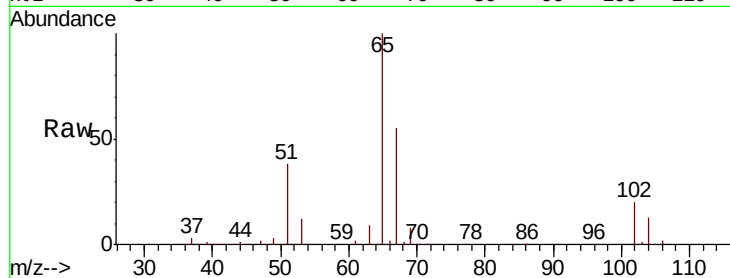




#33
 1,2-Dichloroethane-d4
 Concen: 47.735 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

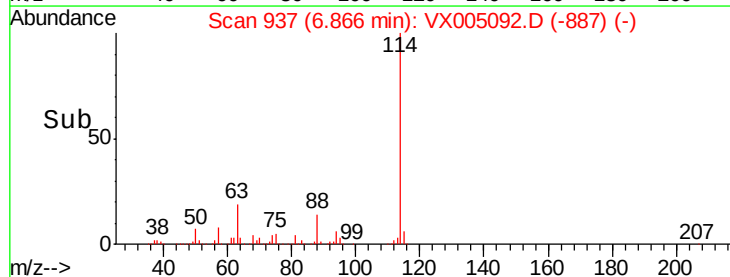
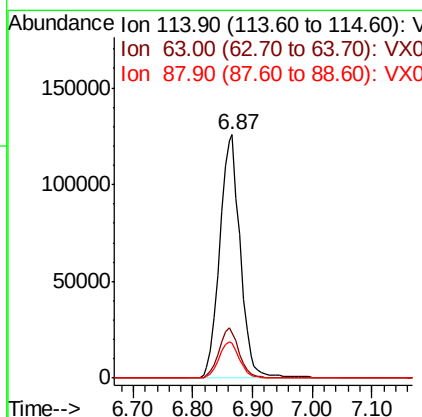
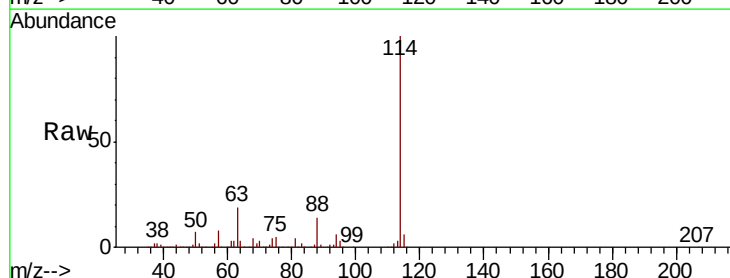
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

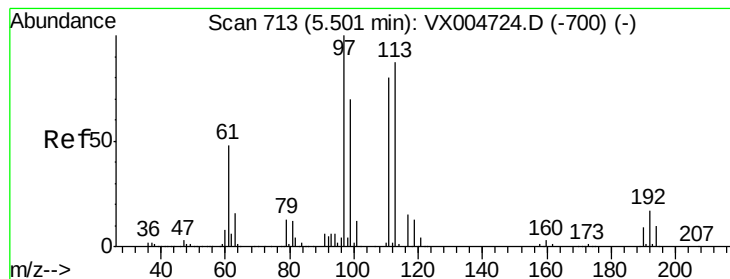
Tot Ion: 65 Resp: 147183
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion: 114 Resp: 302344
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 14.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.534 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

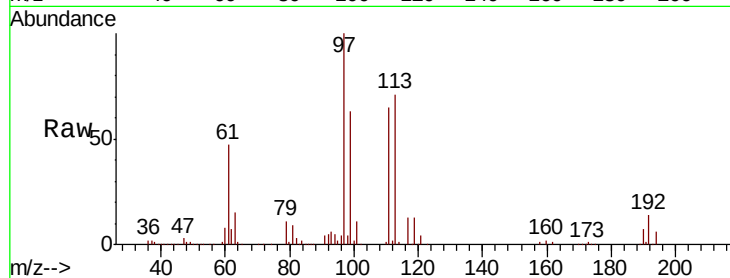
Tot Ion:113 Resp: 126926

Ion Ratio Lower Upper

113 100

111 102.1 77.0 115.4

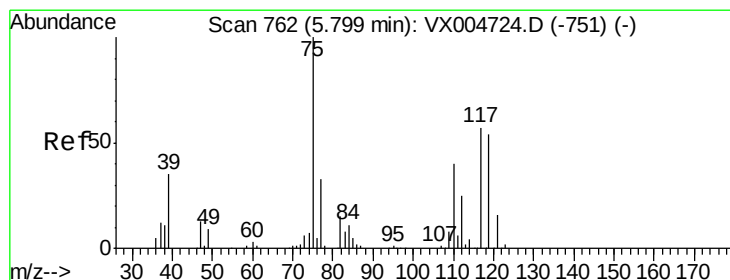
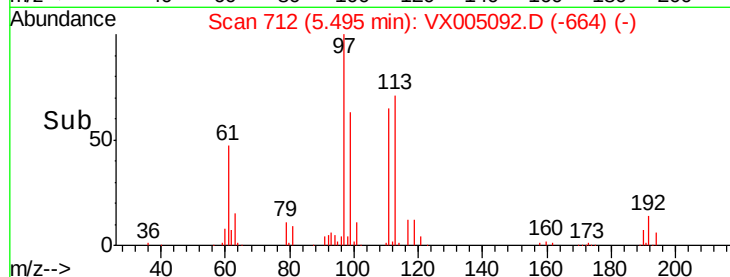
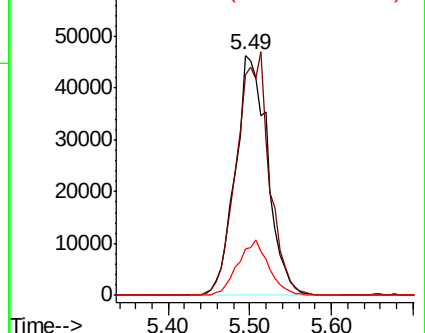
192 22.0 17.0 25.6



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: 50.683 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

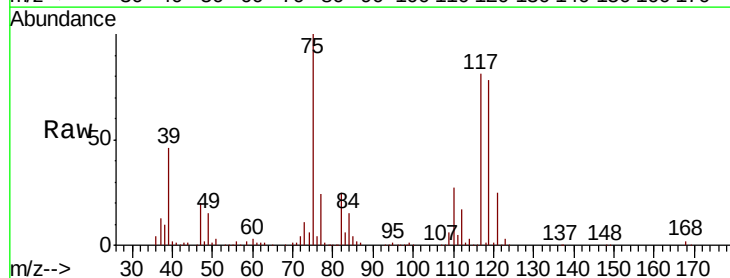
Tgt Ion: 75 Resp: 177193

Ion Ratio Lower Upper

75 100

110 34.4 20.0 59.9

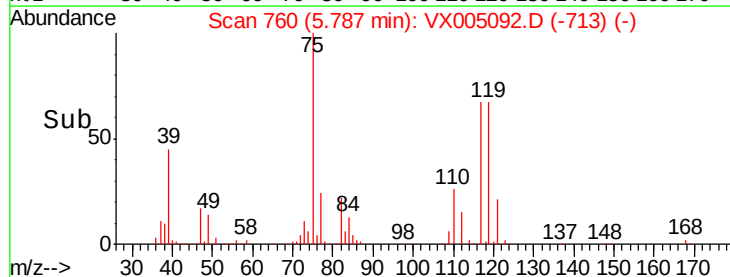
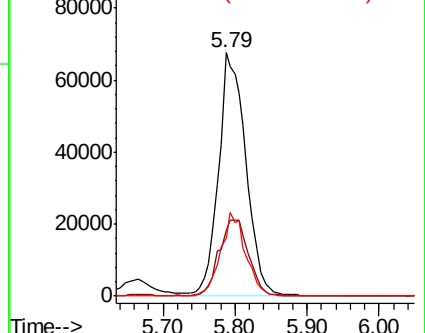
77 31.5 27.1 40.7

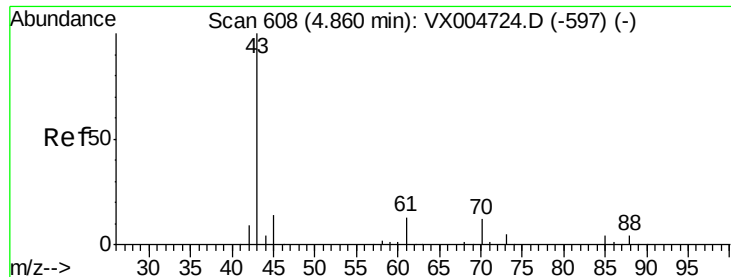


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

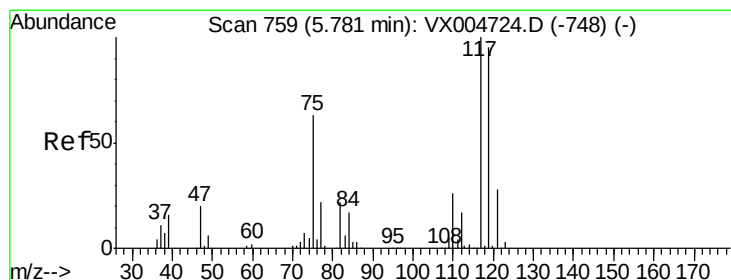
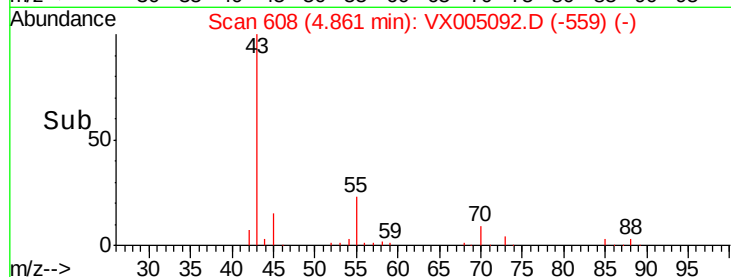
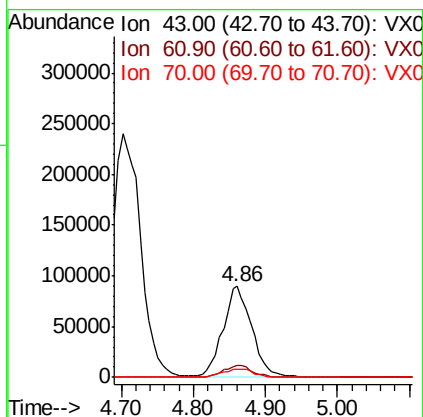
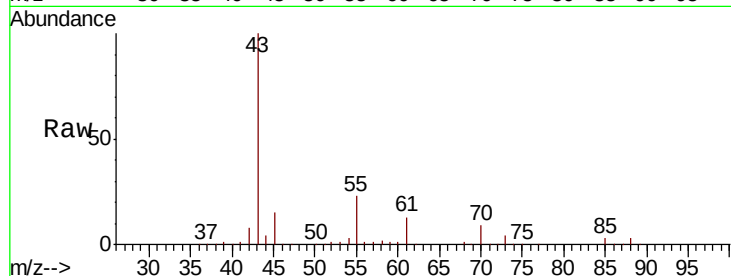




#37
Ethyl Acetate
Concen: 53.656 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

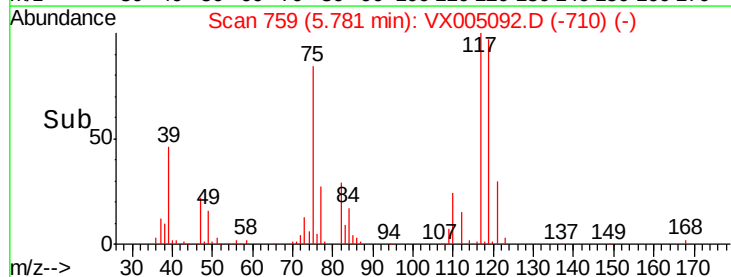
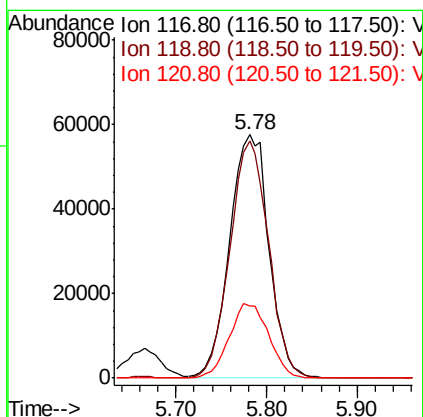
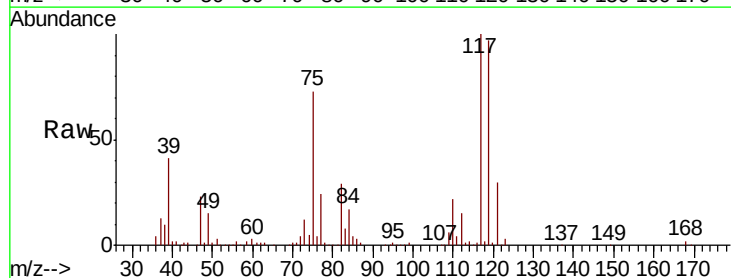
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

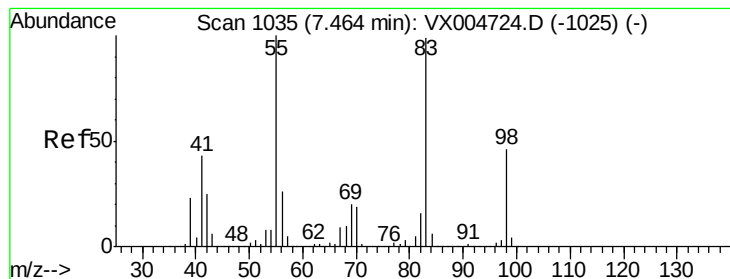
Tot Ion: 43 Resp: 249001
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.082 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 117 Resp: 173028
Ion Ratio Lower Upper
117 100
119 97.5 75.2 112.8
121 29.9 22.5 33.7





#39

Methylvlcyclohexane

Concen: 53.236 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

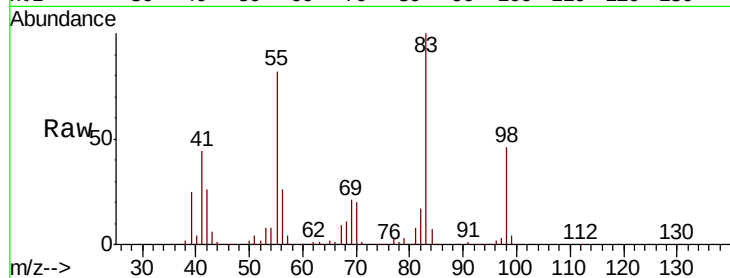
Tot Ion: 83 Resp: 190047

Ion Ratio Lower Upper

83 100

55 81.9 81.1 121.7

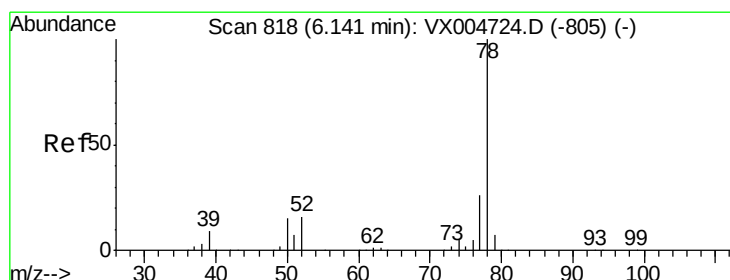
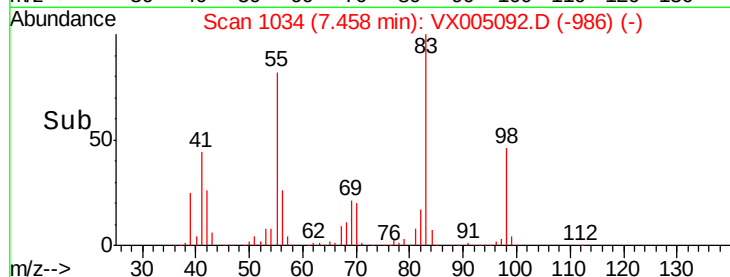
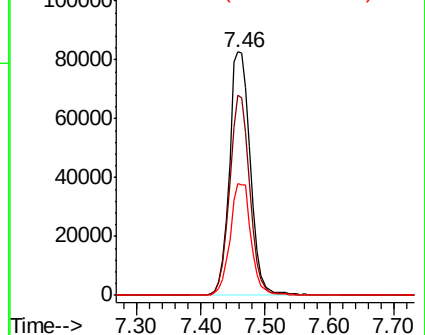
98 45.8 37.3 55.9



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: 49.076 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005092.D

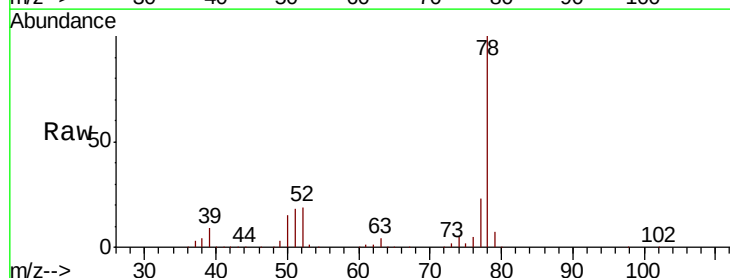
Acq: 06 Oct 2018 03:19

Tgt Ion: 78 Resp: 537138

Ion Ratio Lower Upper

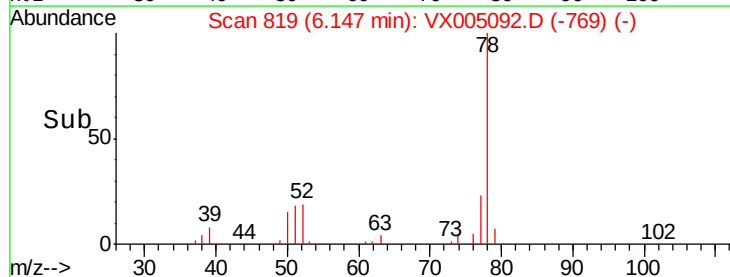
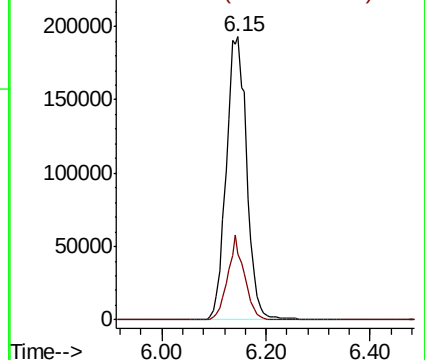
78 100

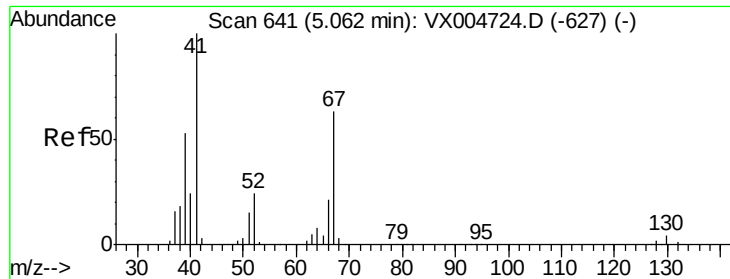
77 23.3 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

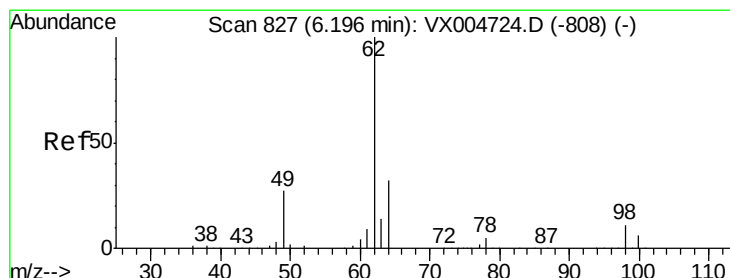
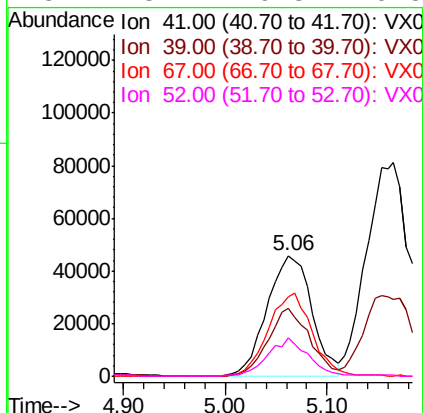
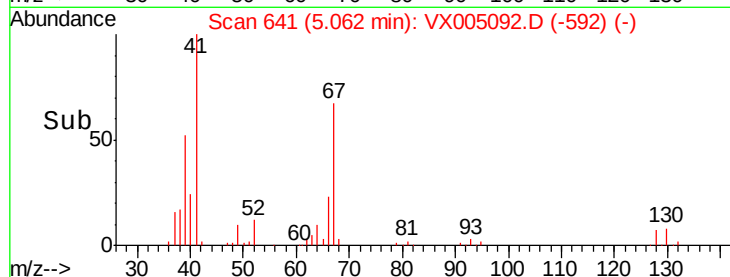
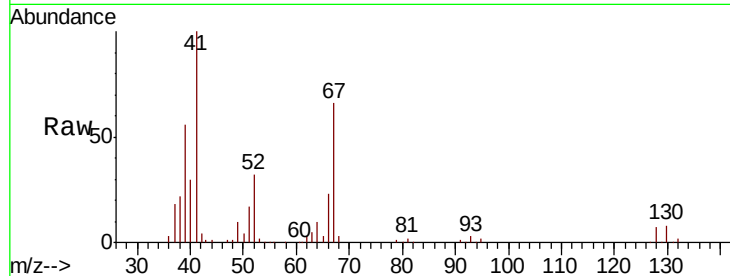




#41
Methacrylonitrile
Concen: 54.105 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

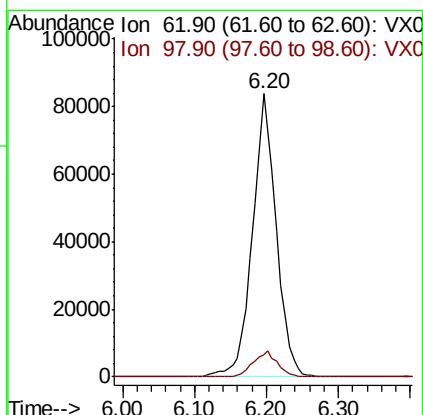
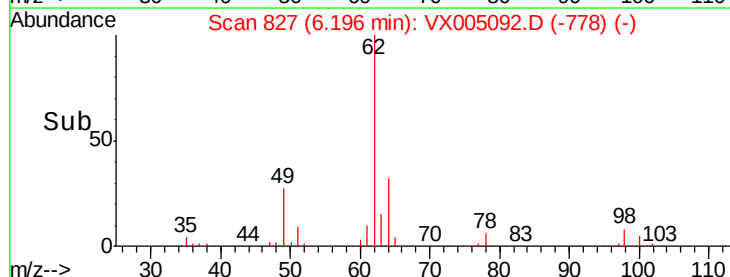
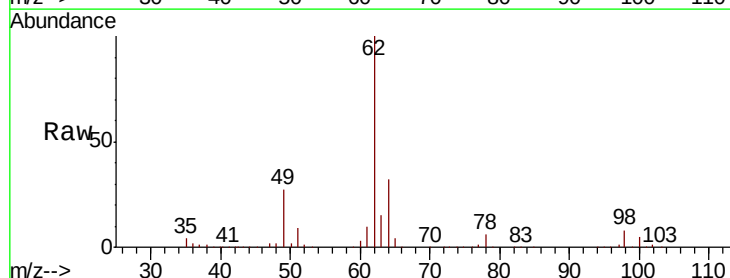
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

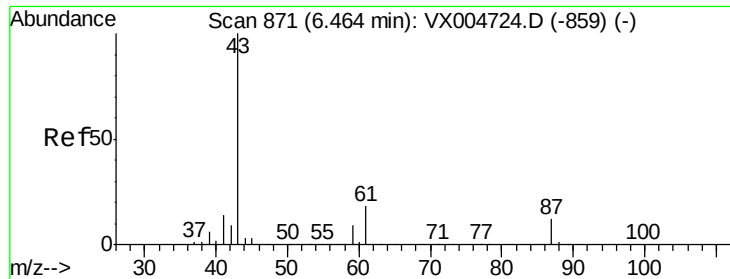
Tot Ion:	41	Resp:	139247
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.5	63.7
67	67.9	53.0	79.6
52	28.4	19.8	29.8



#42
1,2-Dichloroethane
Concen: 49.797 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion:	62	Resp:	192674
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 53.729 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

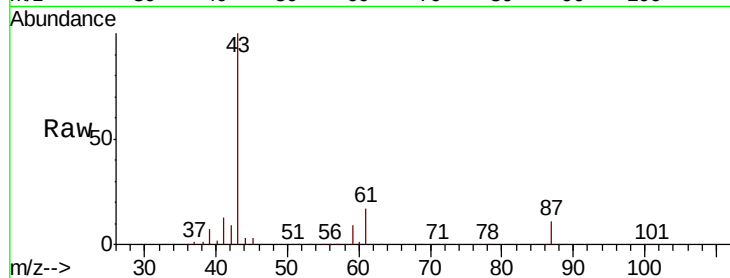
Tot Ion: 43 Resp: 359883

Ion Ratio Lower Upper

43 100

61 19.1 14.2 21.4

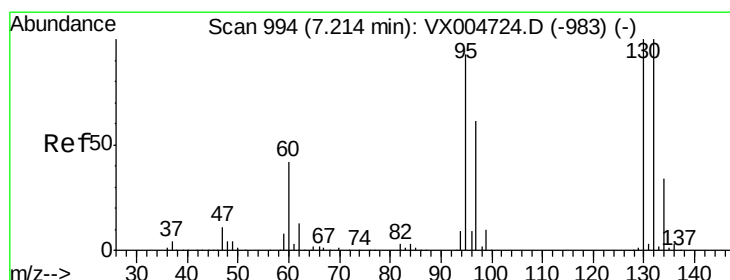
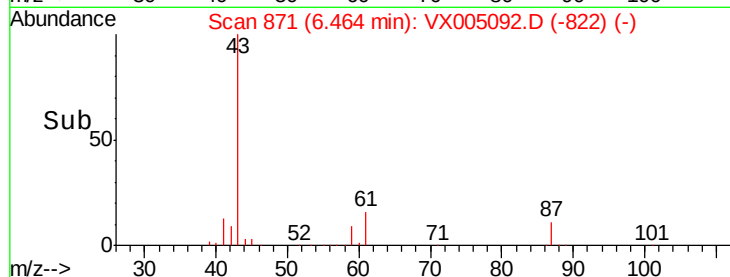
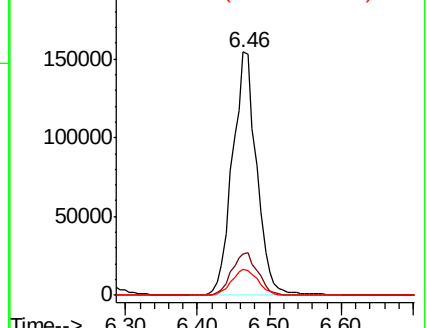
87 11.8 9.3 13.9



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: 50.331 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005092.D

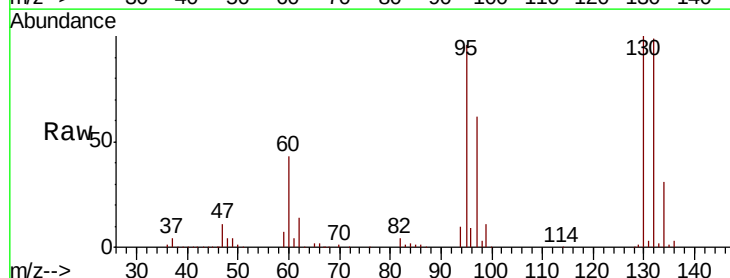
Acq: 06 Oct 2018 03:19

Tgt Ion:130 Resp: 135423

Ion Ratio Lower Upper

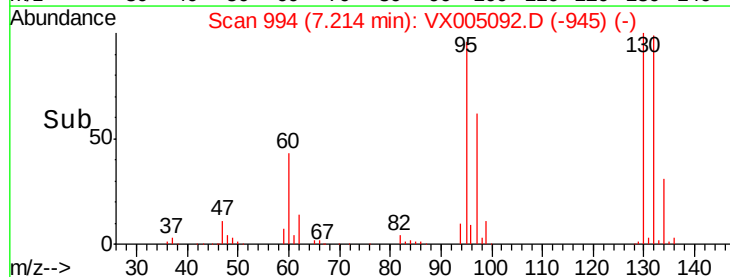
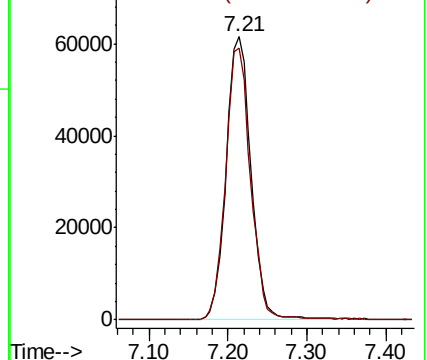
130 100

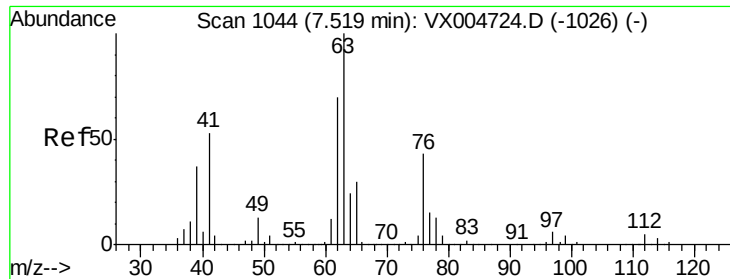
95 96.1 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

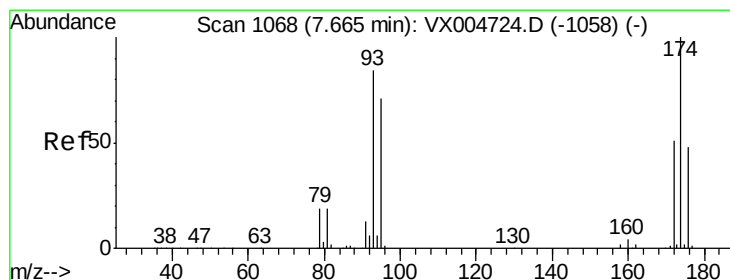
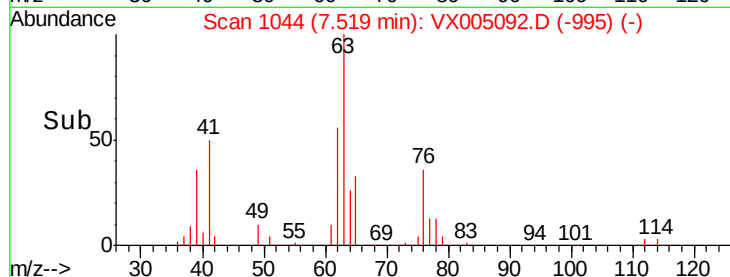
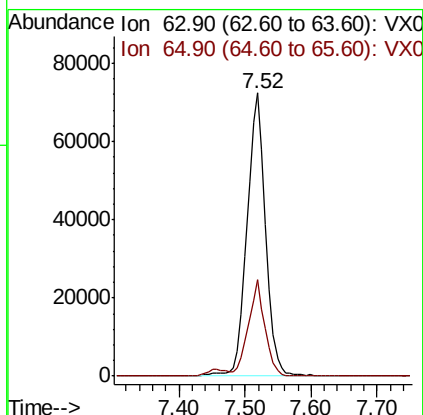
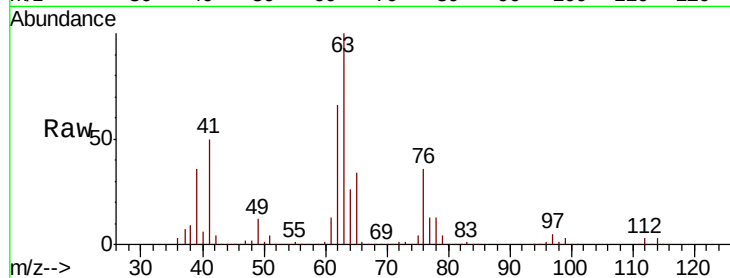




#45
 1,2-Dichloropropane
 Concen: 52.824 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

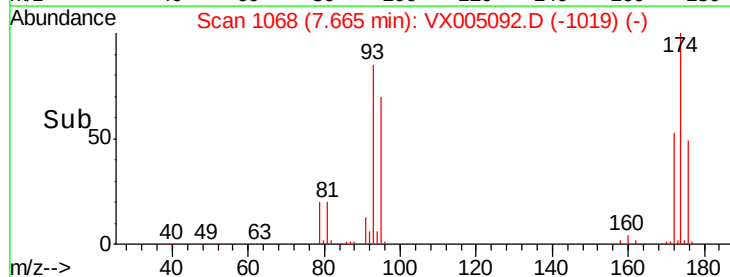
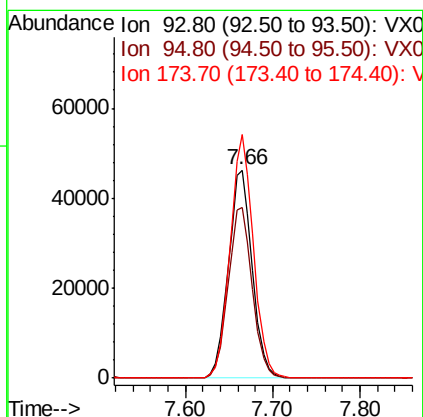
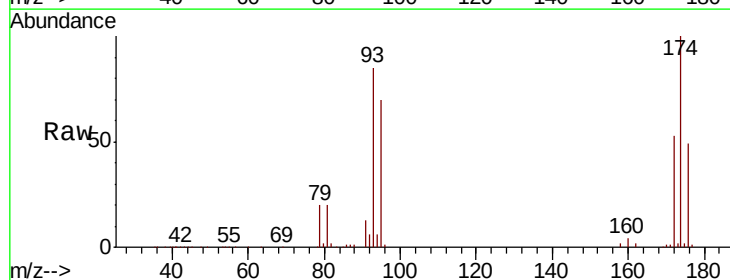
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

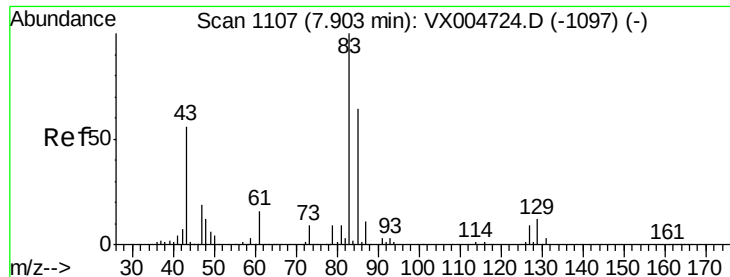
Tot Ion: 63 Resp: 141784
 Ion Ratio Lower Upper
 63 100
 65 34.2 23.9 35.9



#46
 Dibromomethane
 Concen: 51.823 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion: 93 Resp: 87418
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.7 100.1
 174 114.6 92.7 139.1





#47

Bromodichloromethane

Concen: 54.084 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

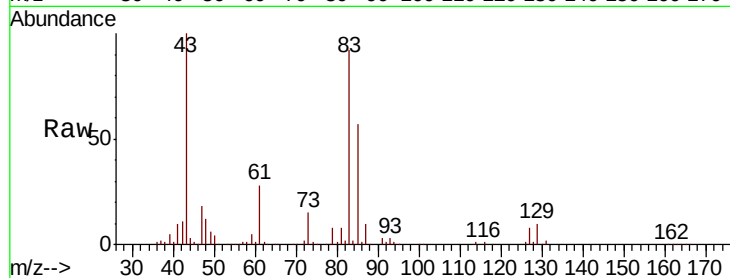
Tot Ion: 83 Resp: 170808

Ion Ratio Lower Upper

83 100

85 62.1 51.2 76.8

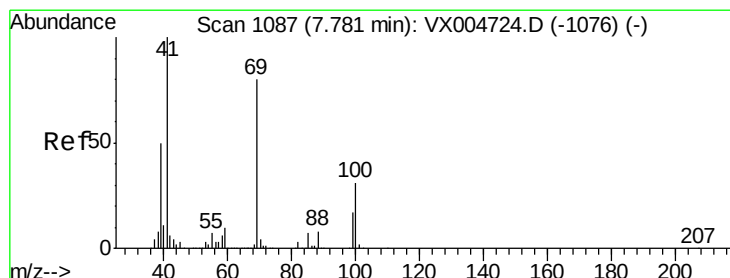
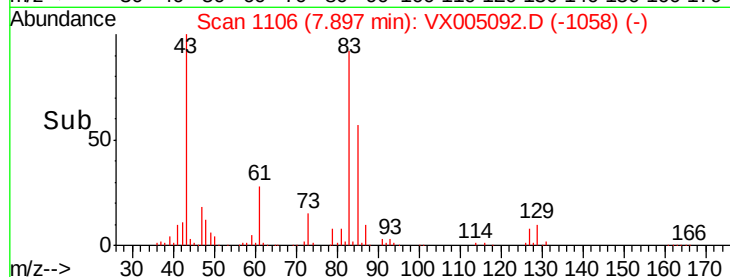
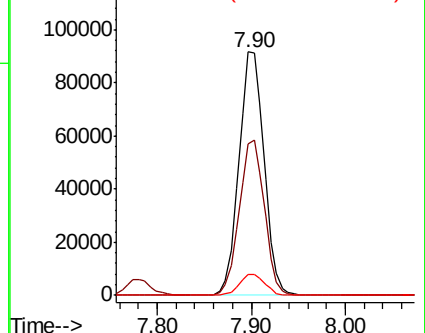
127 8.7 7.0 10.6



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: 57.475 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

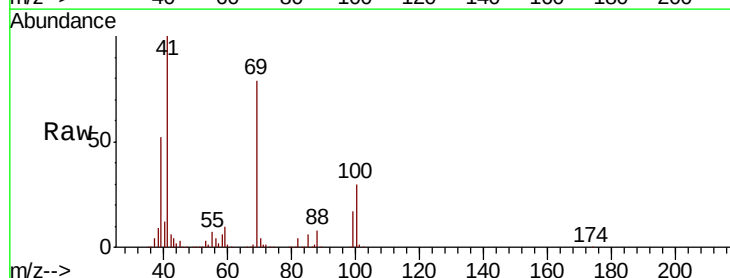
Tgt Ion: 41 Resp: 174736

Ion Ratio Lower Upper

41 100

69 80.5 63.8 95.6

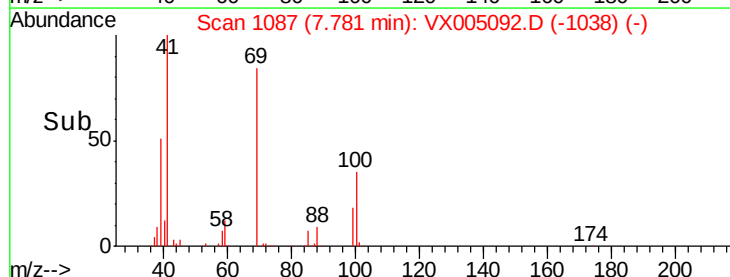
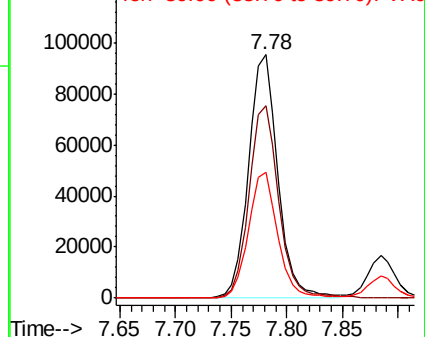
39 51.5 40.7 61.1

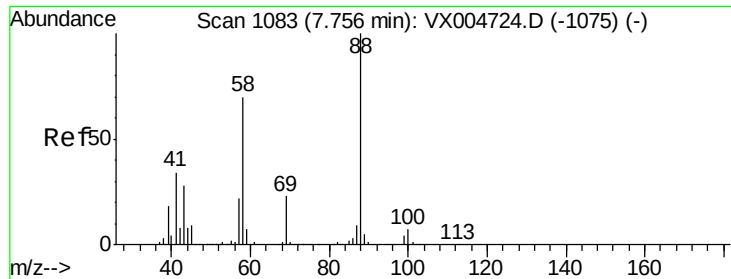


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1043.770 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

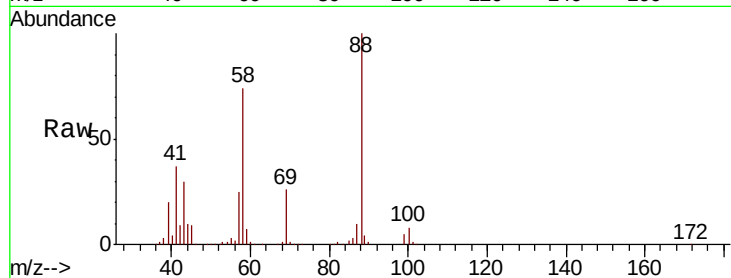
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 78836

Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.1	37.7
58	73.7	56.2	84.2

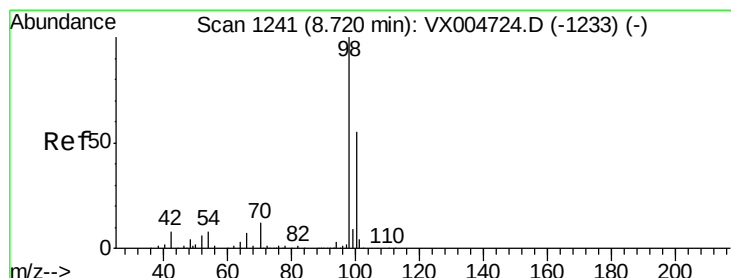
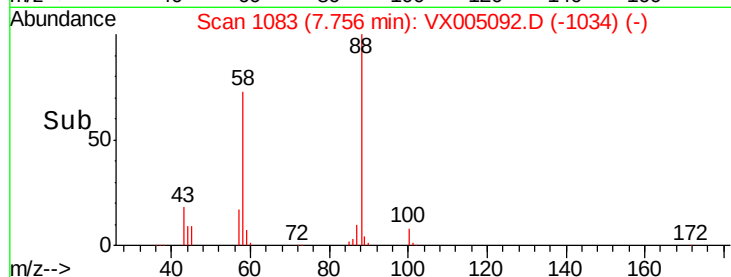
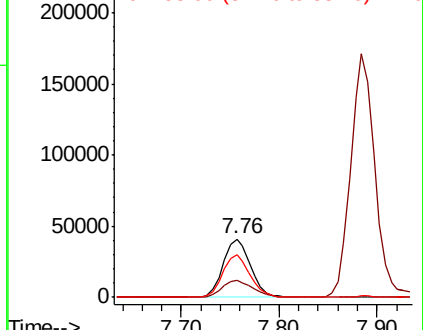


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.565 ug/l

RT: 8.72 min Scan# 1241

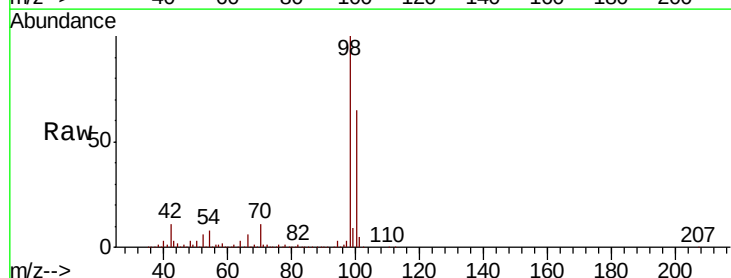
Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Tgt Ion: 98 Resp: 430745

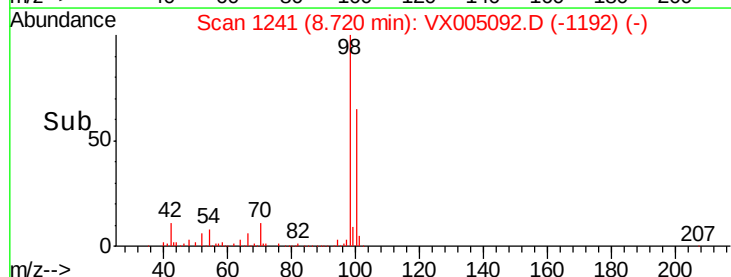
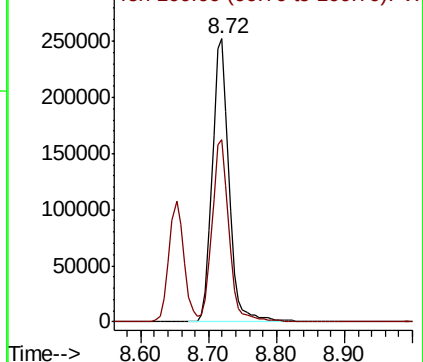
Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.9	77.9

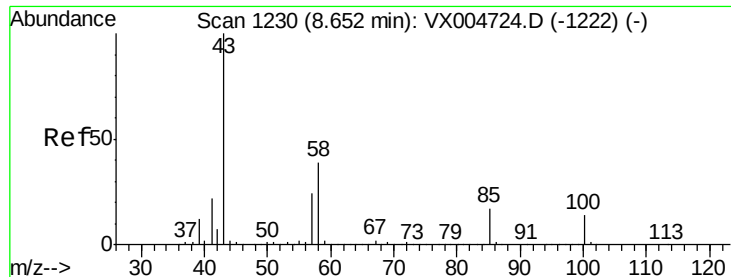


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

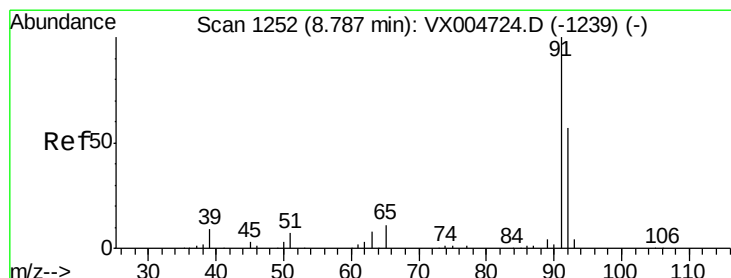
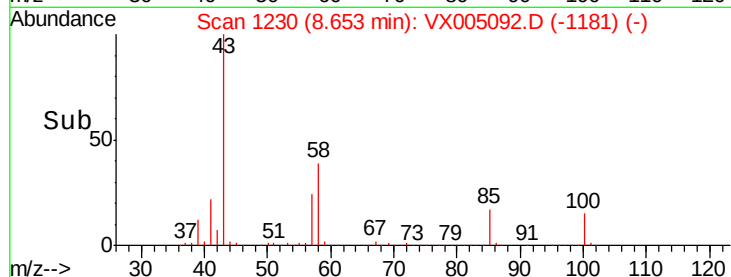
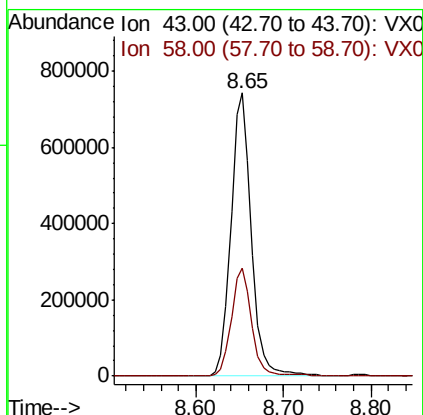
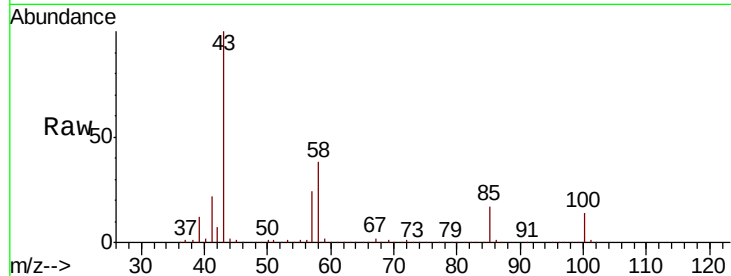




#51
4-Methyl-2-Pentanone
Concen: 285.574 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

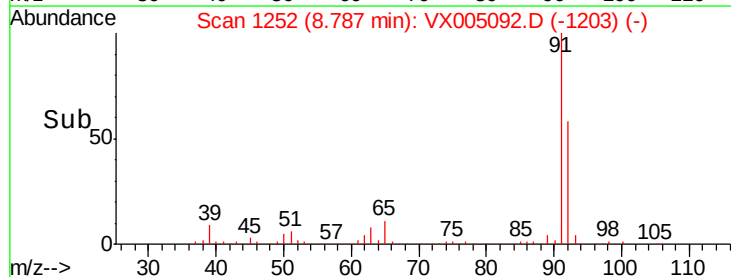
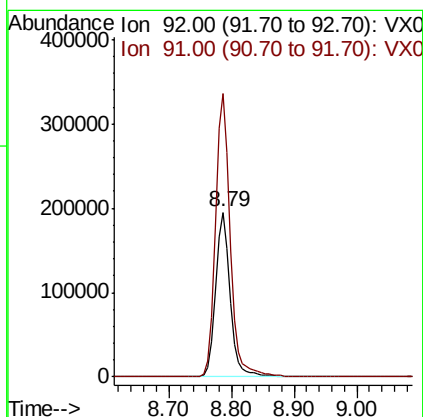
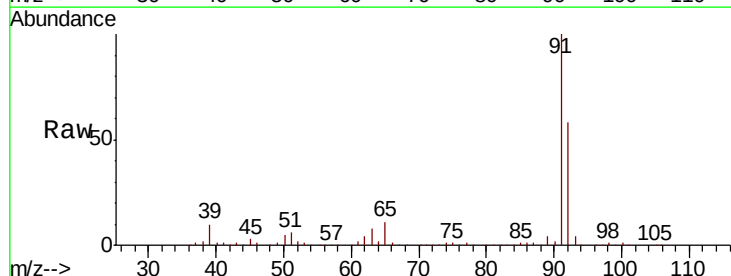
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

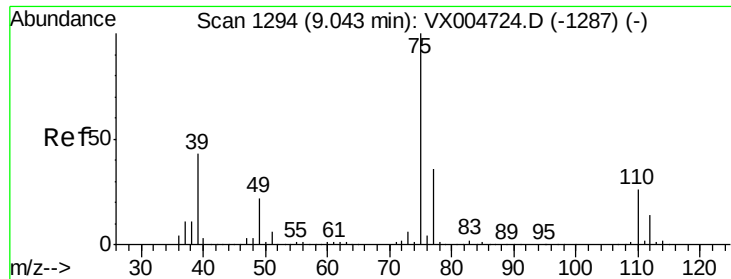
Tot Ion: 43 Resp: 1204394
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7



#52
Toluene
Concen: 52.231 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 92 Resp: 314123
Ion Ratio Lower Upper
92 100
91 173.8 136.7 205.1

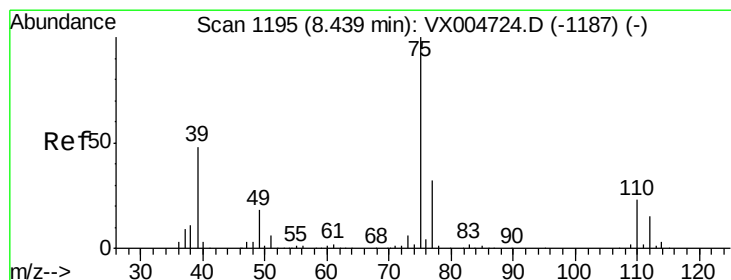
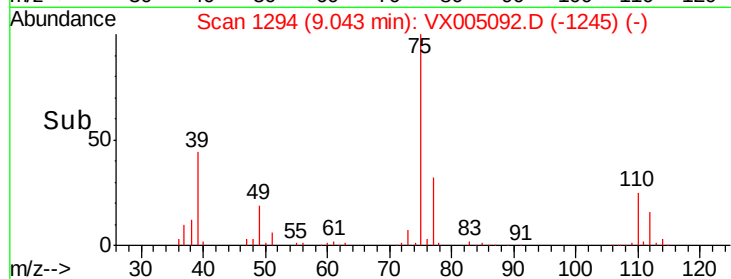
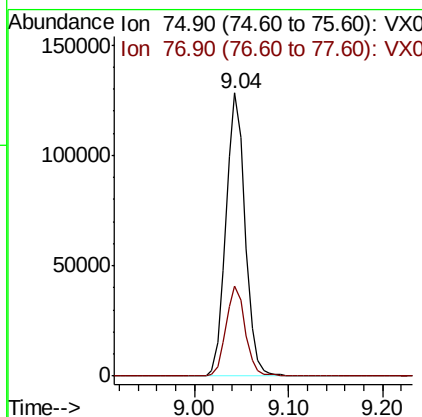
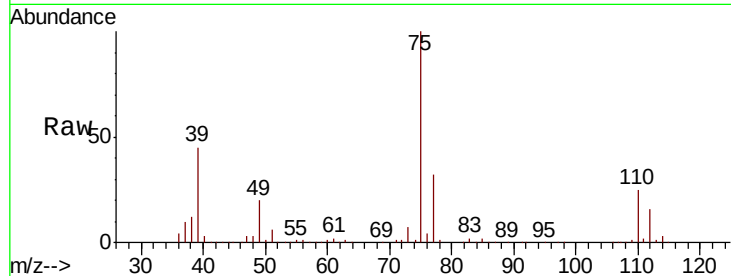




#53
 t-1,3-Dichloropropene
 Concen: 50.824 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

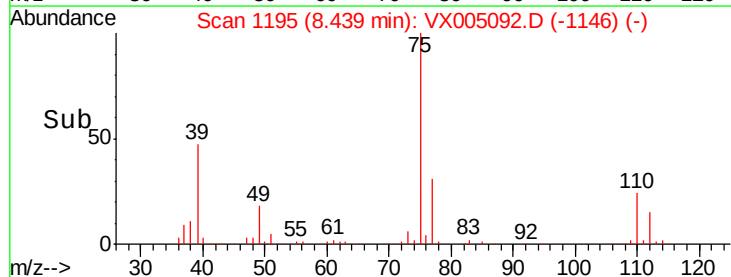
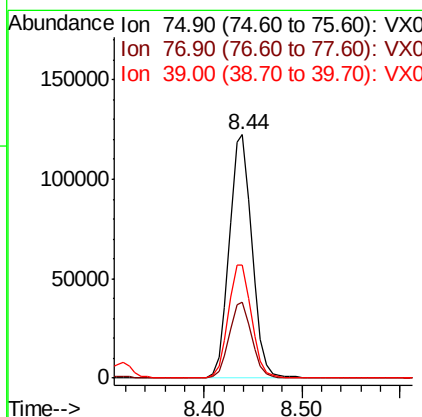
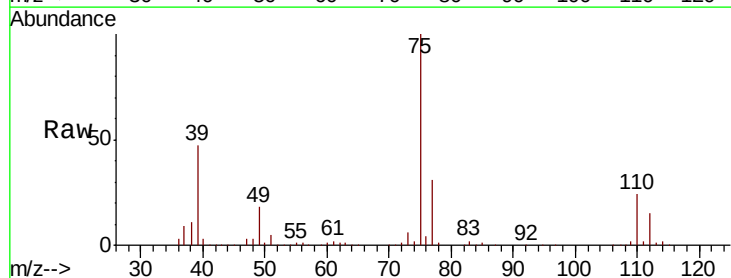
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

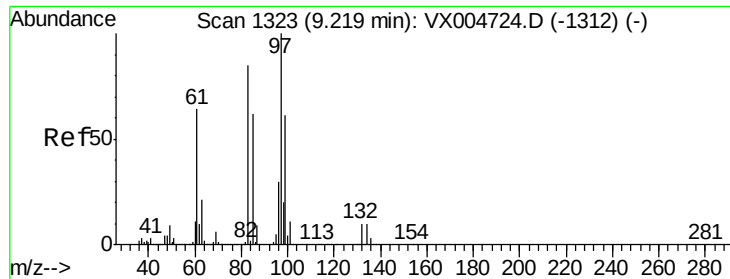
Tot Ion: 75 Resp: 181388
 Ion Ratio Lower Upper
 75 100
 77 31.9 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.697 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion: 75 Resp: 196989
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.7 38.5
 39 46.5 38.3 57.5

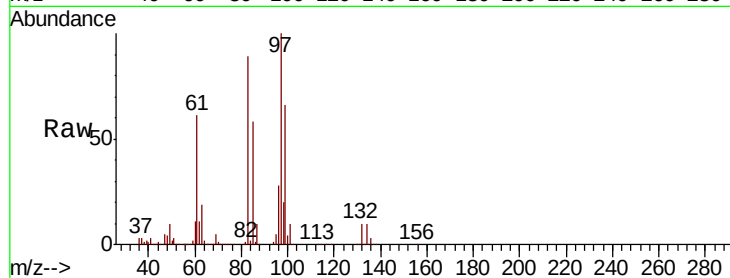




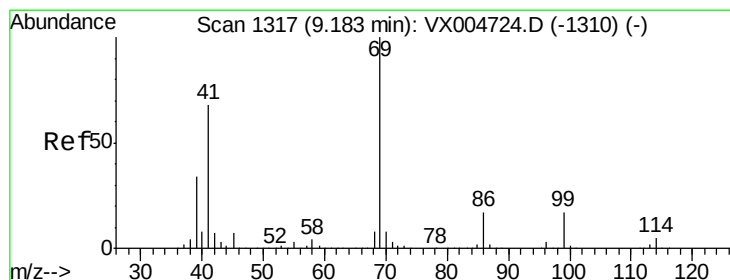
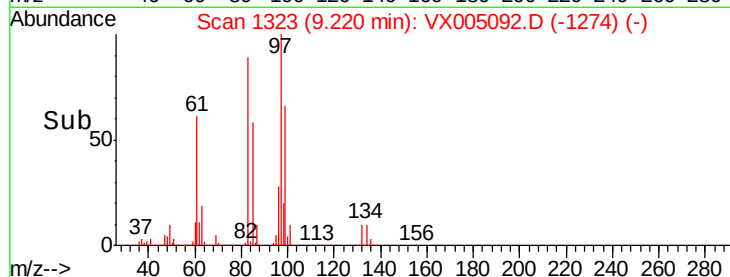
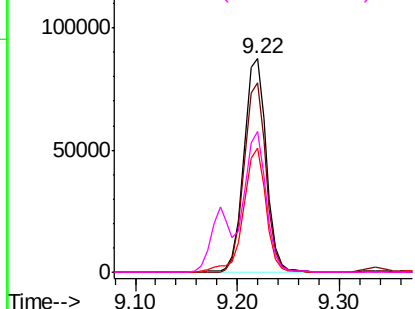
#55
 1,1,2-Trichloroethane
 Concen: 50.509 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 133062
 Ion Ratio Lower Upper
 97 100
 83 88.9 68.2 102.2
 85 57.9 49.9 74.9
 99 65.7 48.9 73.3

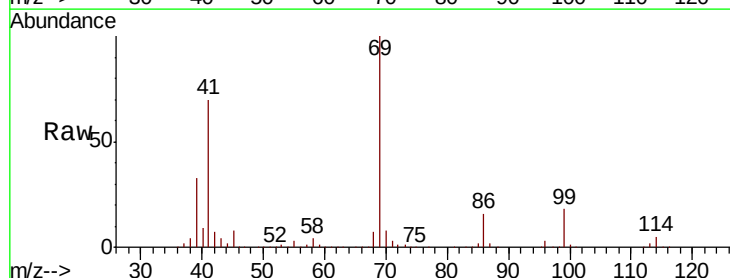


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

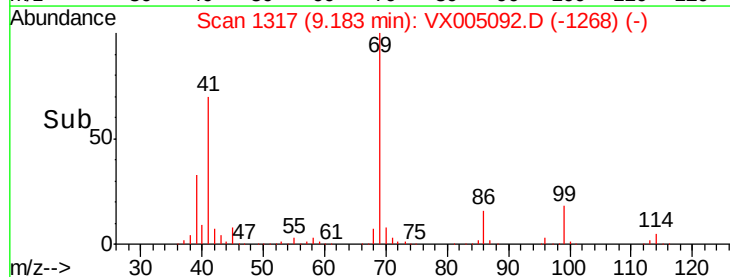
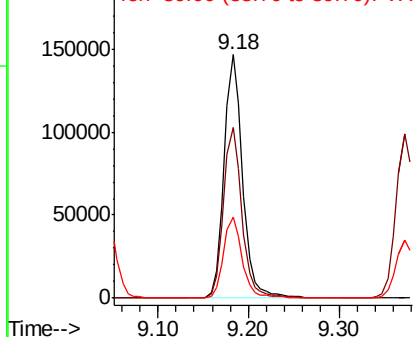


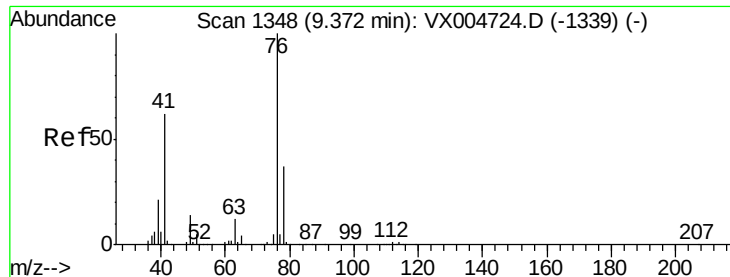
#56
 Ethyl methacrylate
 Concen: 49.069 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion: 69 Resp: 209526
 Ion Ratio Lower Upper
 69 100
 41 69.8 56.9 85.3
 39 33.8 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

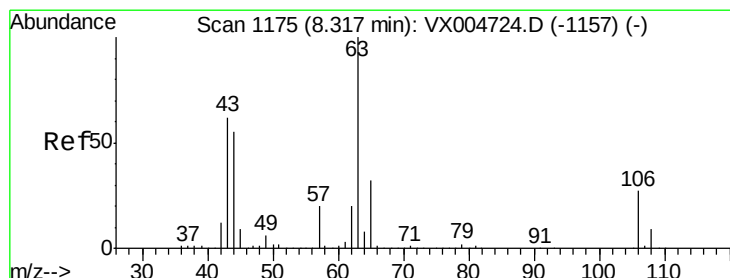
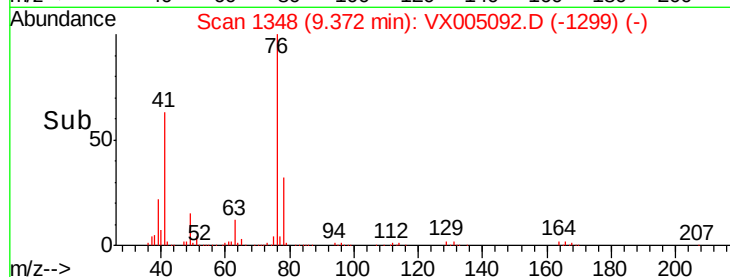
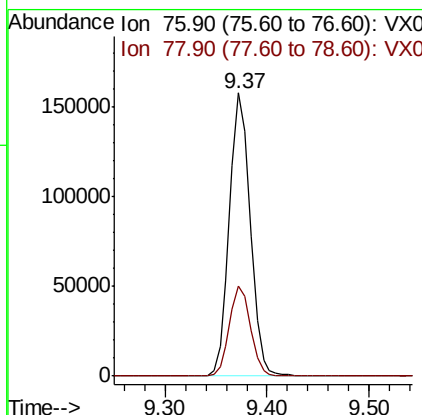
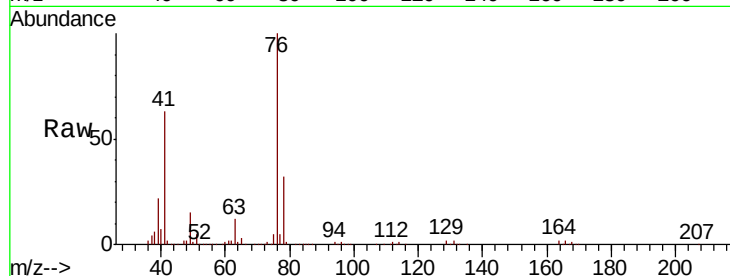




#57
 1,3-Dichloropropane
 Concen: 50.901 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

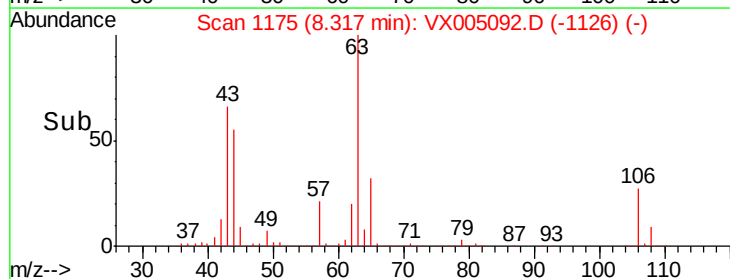
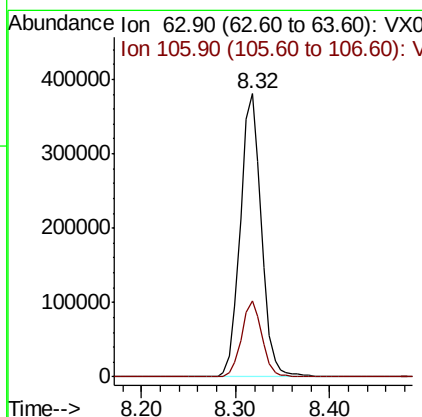
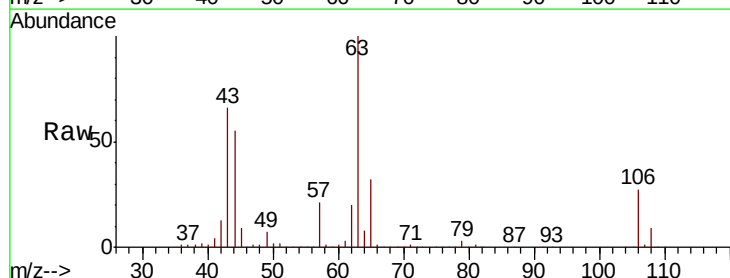
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

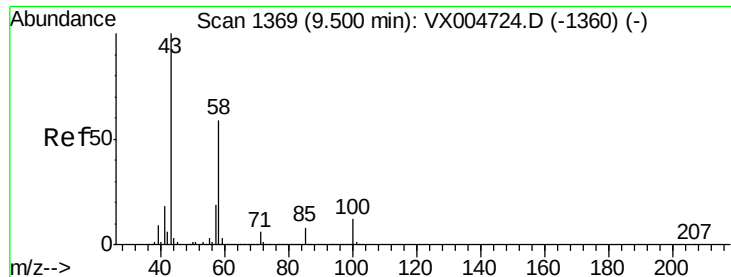
Tot Ion: 76 Resp: 223175
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.532 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion: 63 Resp: 590422
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.0 31.6

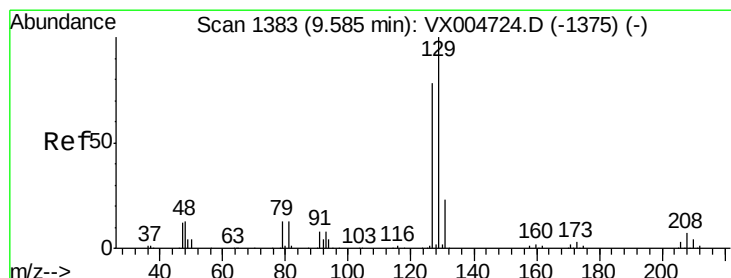
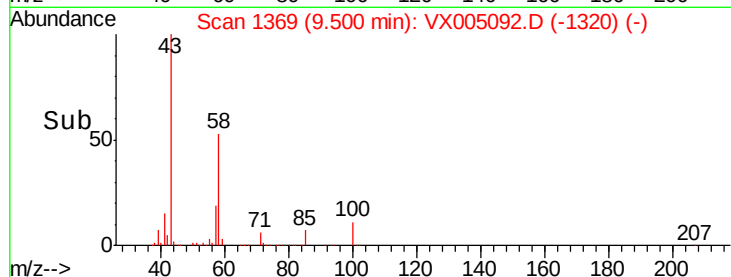
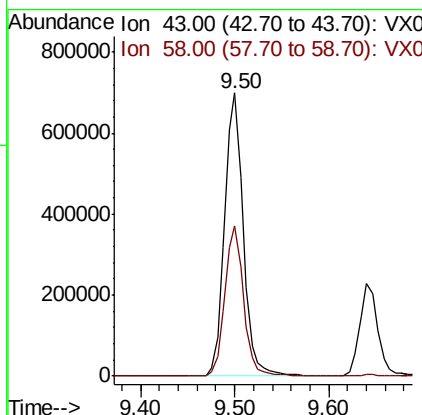
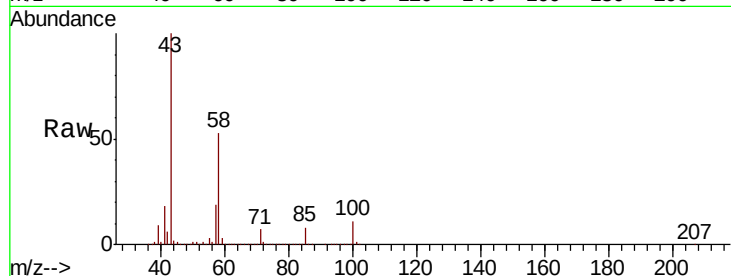




#59
2-Hexanone
Concen: 273.872 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

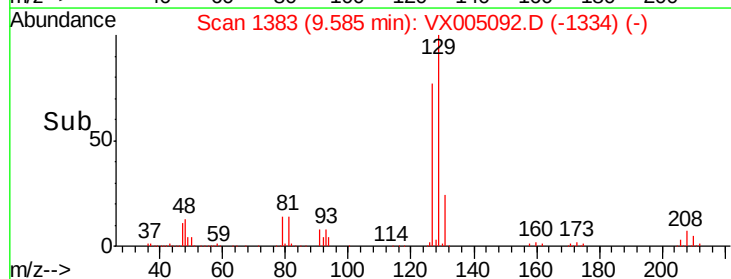
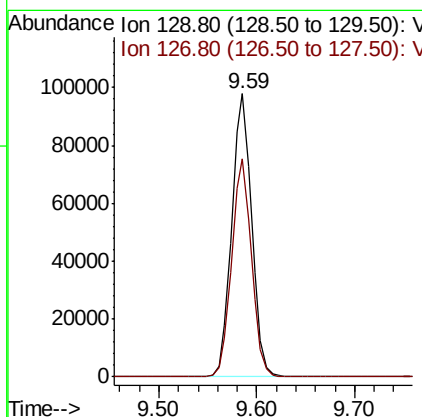
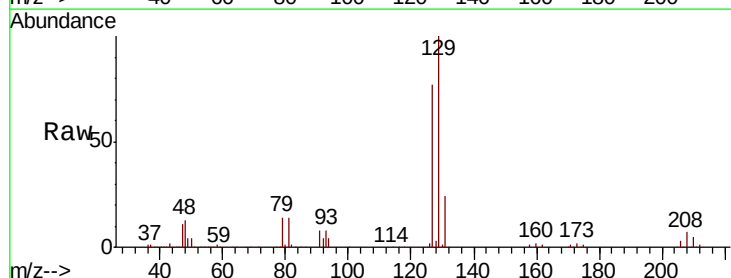
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

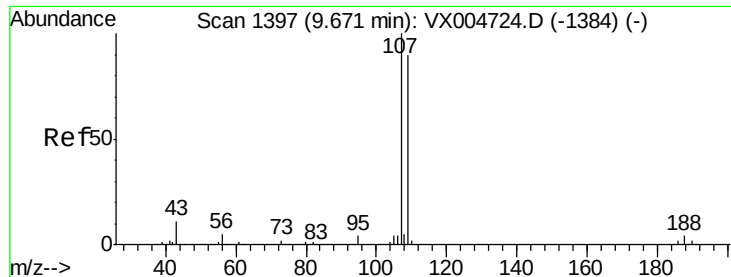
Tot Ion: 43 Resp: 962519
Ion Ratio Lower Upper
43 100
58 53.1 28.4 85.3



#60
Dibromochloromethane
Concen: 52.406 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 129 Resp: 138069
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.954 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

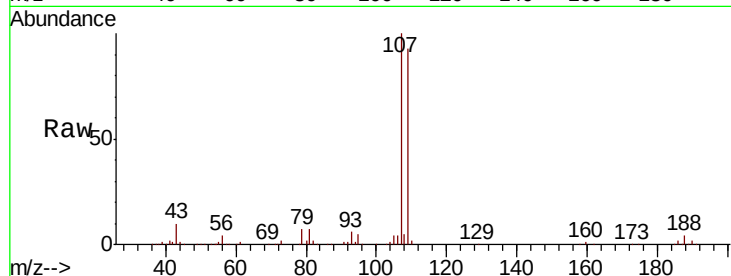
VSTDCCC050

Tot Ion:107 Resp: 138116

Ion Ratio Lower Upper

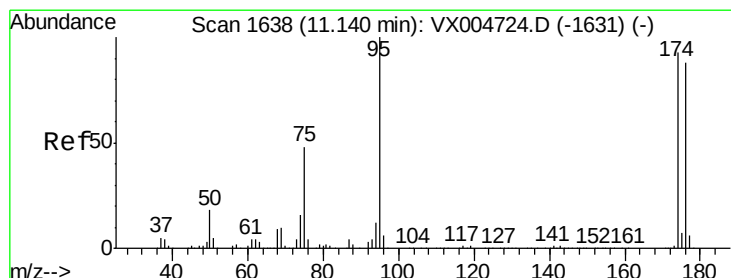
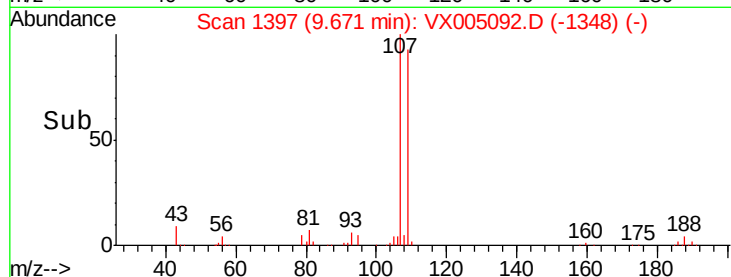
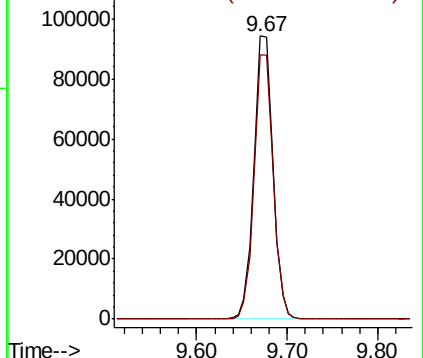
107 100

109 93.8 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: 53.693 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

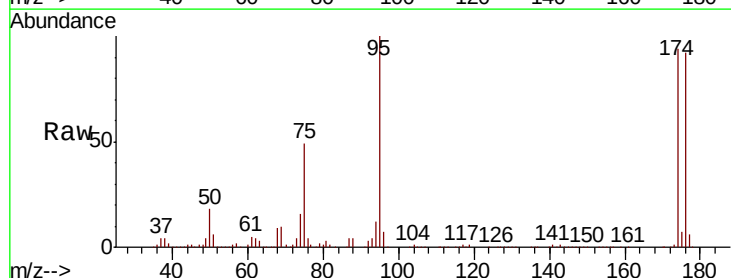
Tgt Ion: 95 Resp: 164779

Ion Ratio Lower Upper

95 100

174 90.5 0.0 185.0

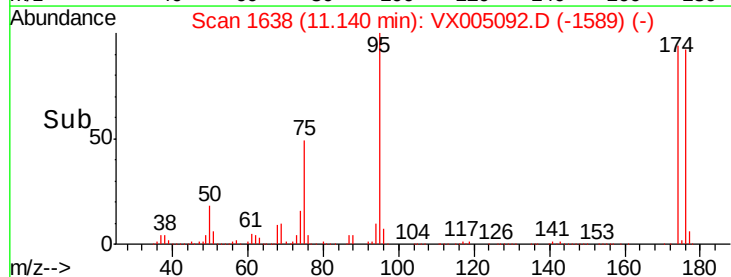
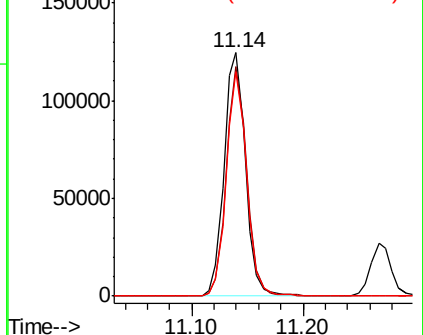
176 88.0 0.0 180.2

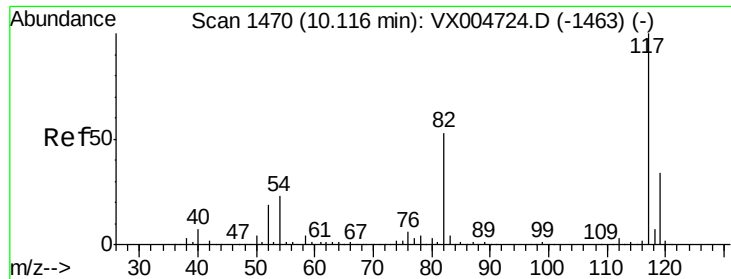


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

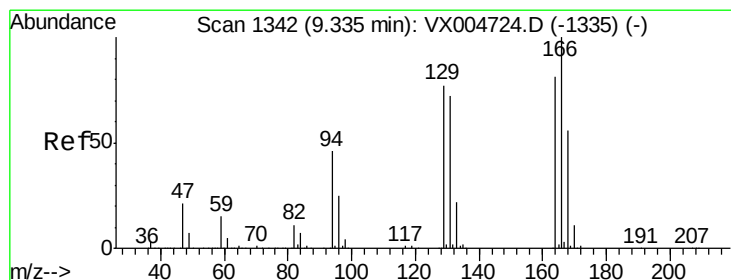
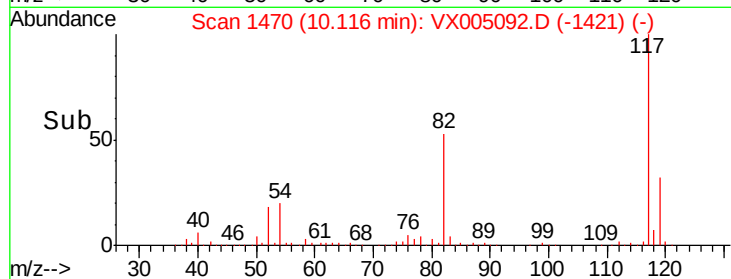
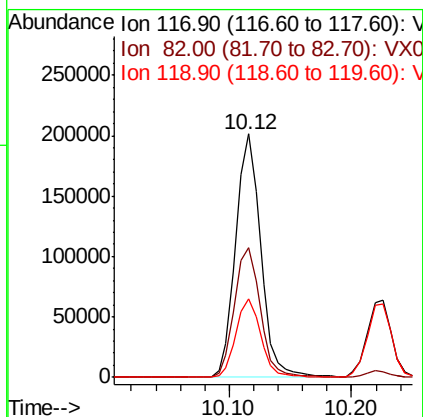
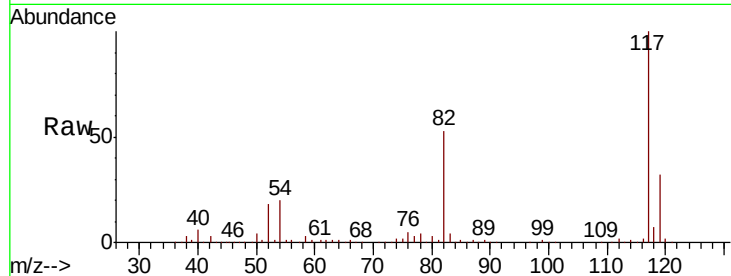




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

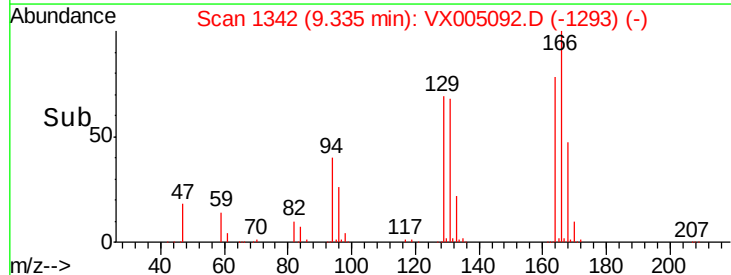
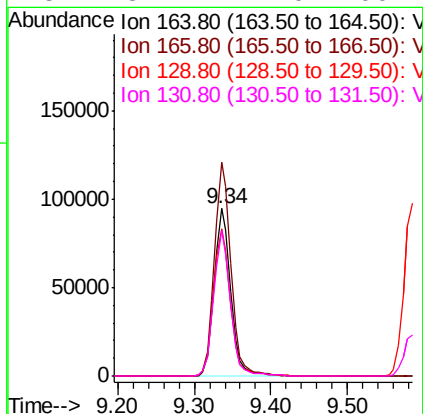
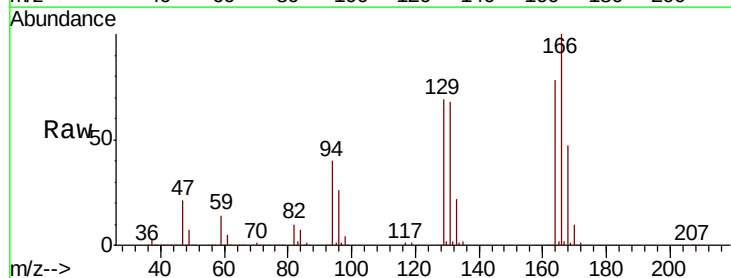
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

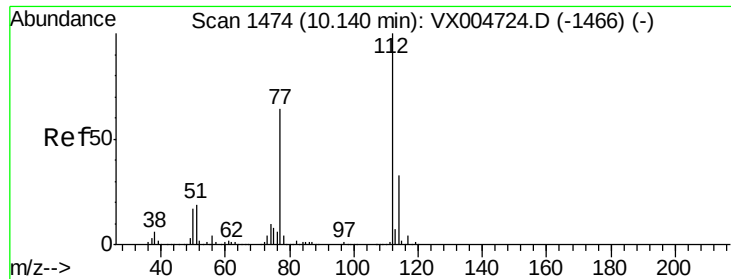
Tot Ion:117 Resp: 286030
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.4
119 32.1 27.4 41.0



#64
Tetrachloroethene
Concen: 50.420 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion:164 Resp: 141941
Ion Ratio Lower Upper
164 100
166 127.4 98.4 147.6
129 87.9 76.1 114.1
131 87.1 71.0 106.4

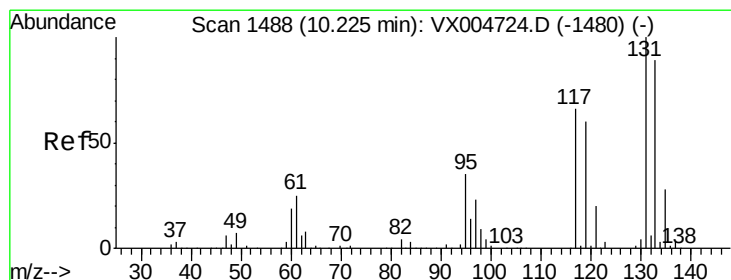
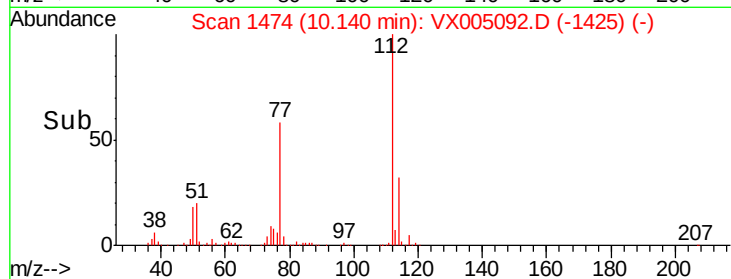
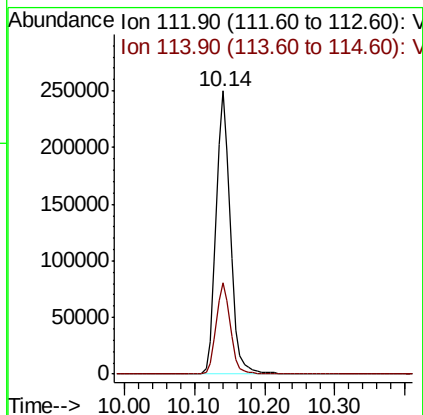
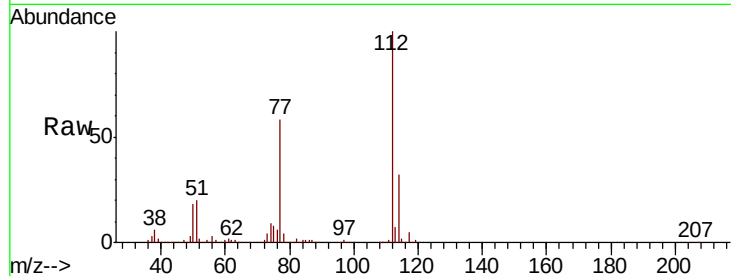




#65
Chlorobenzene
Concen: 48.520 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

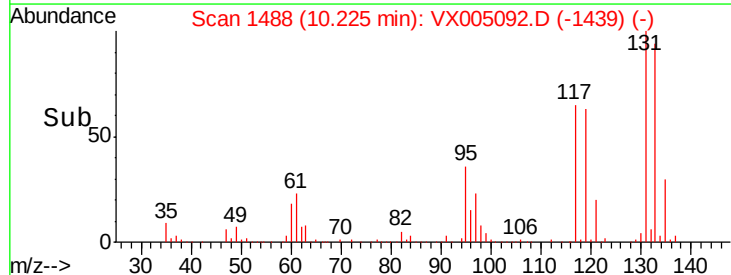
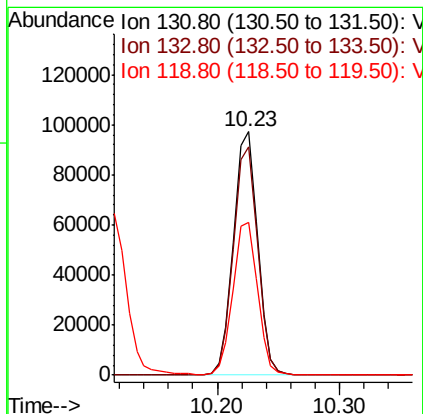
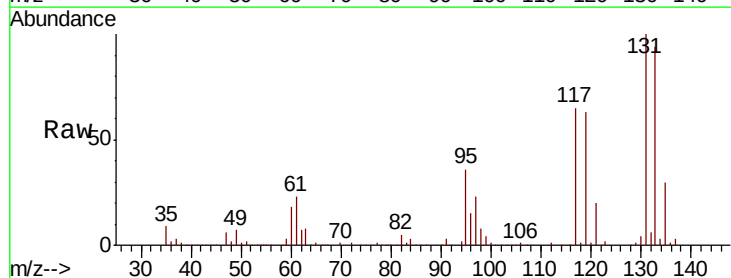
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

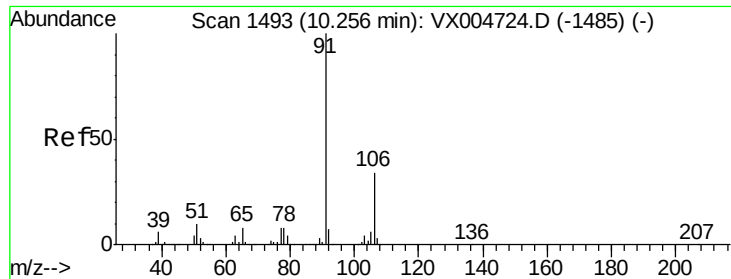
Tot Ion:112 Resp: 355877
Ion Ratio Lower Upper
112 100
114 32.5 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.254 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion:131 Resp: 132161
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.0
119 64.2 32.3 96.8

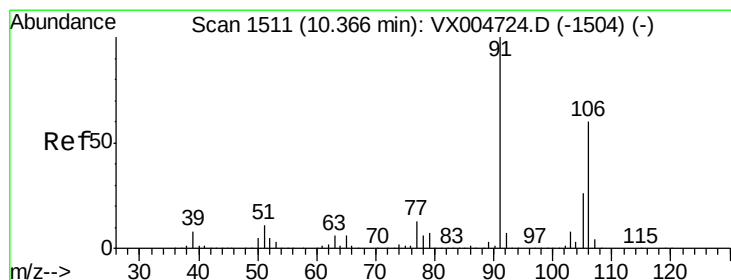
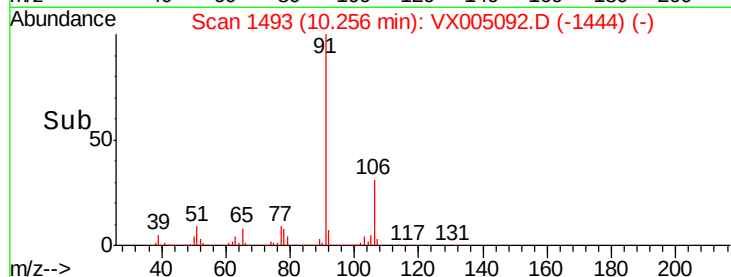
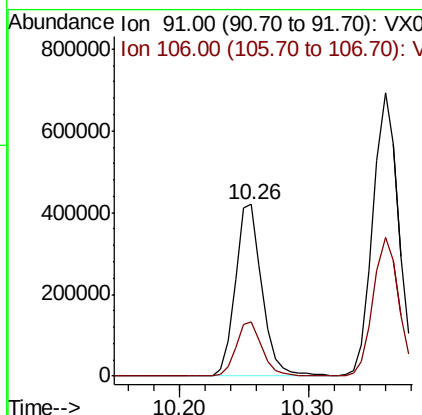
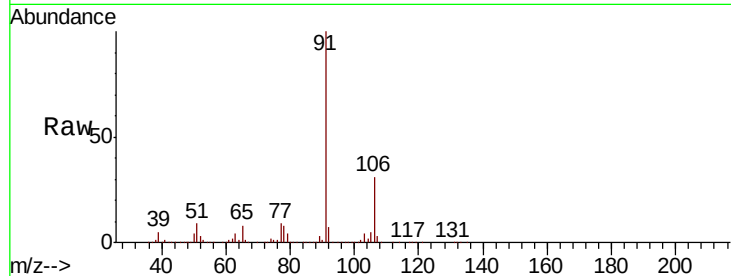




#67
Ethyl Benzene
Concen: 52.011 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

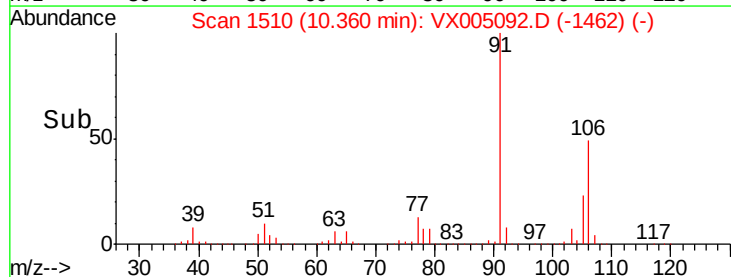
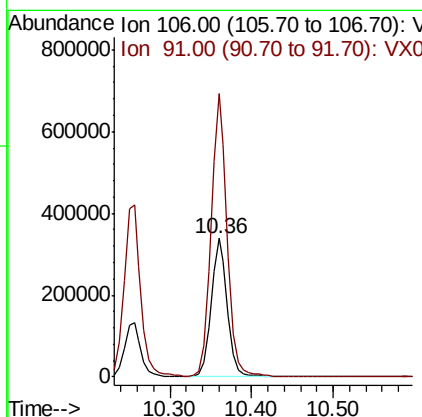
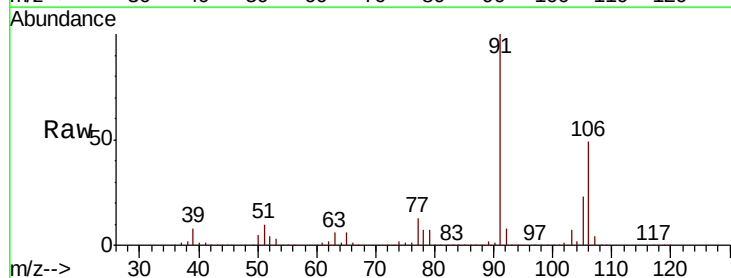
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

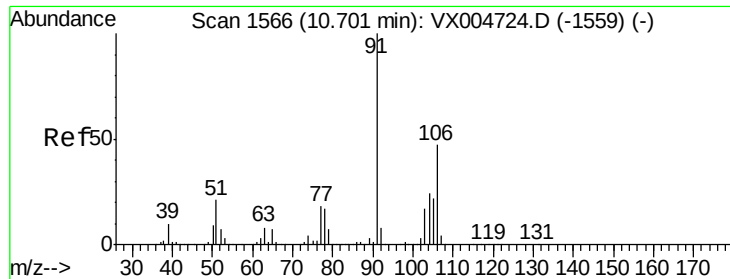
Tot Ion: 91 Resp: 605649
Ion Ratio Lower Upper
91 100
106 31.4 26.9 40.3



#68
m/p-Xylenes
Concen: 104.165 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 106 Resp: 473993
Ion Ratio Lower Upper
106 100
91 203.5 157.5 236.3

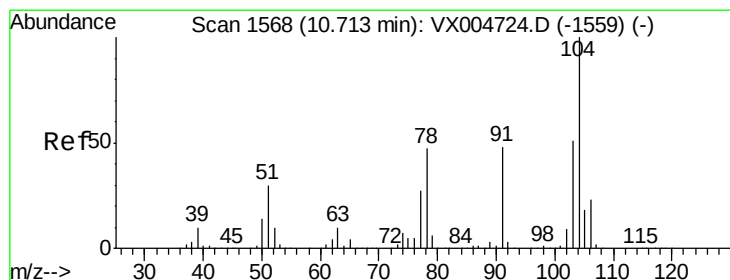
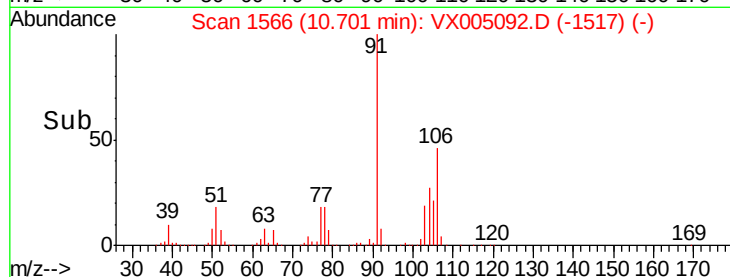
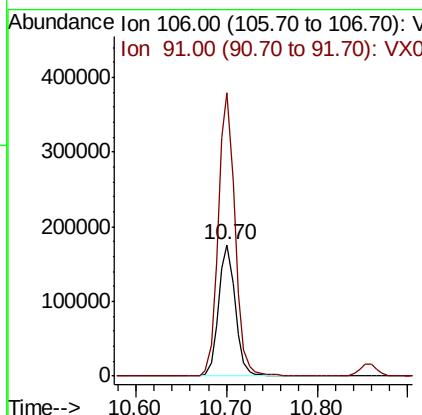
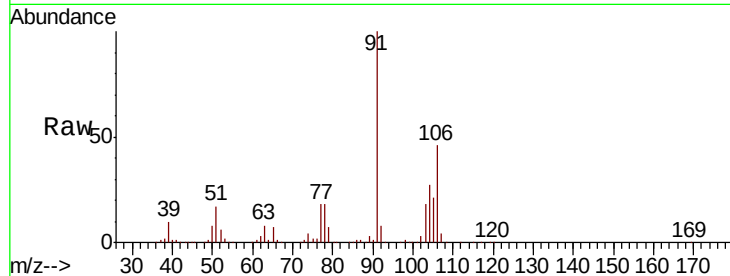




#69
o-Xylene
Concen: 54.672 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

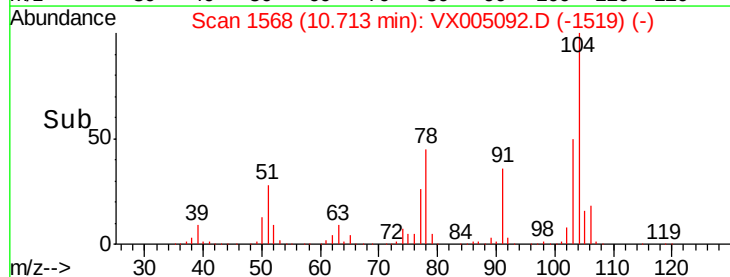
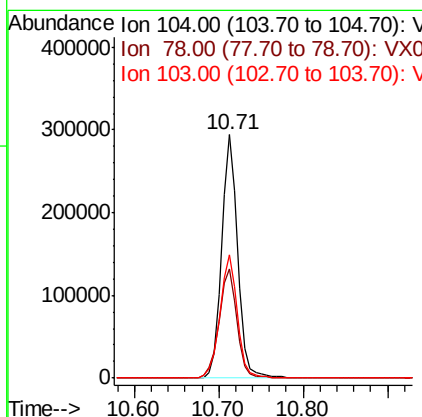
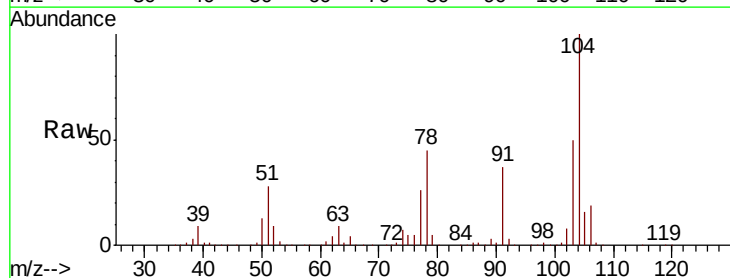
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

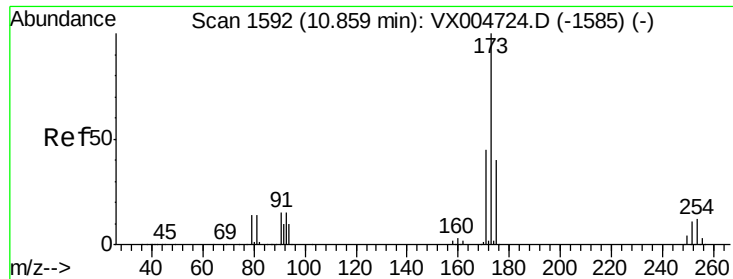
Tot Ion:106 Resp: 228504
Ion Ratio Lower Upper
106 100
91 214.6 108.3 324.8



#70
Styrene
Concen: 49.743 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion:104 Resp: 388747
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 55.1 44.3 66.5





#71

Bromoform

Concen: 51.915 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

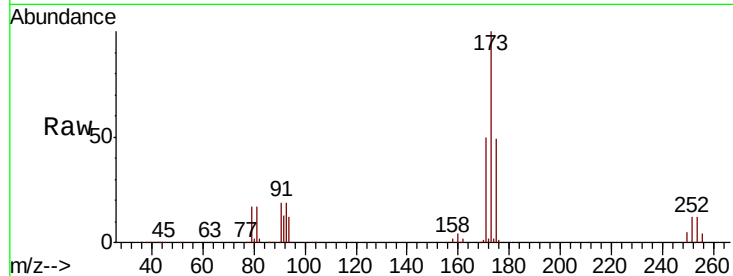
Tot Ion:173 Resp: 114606

Ion Ratio Lower Upper

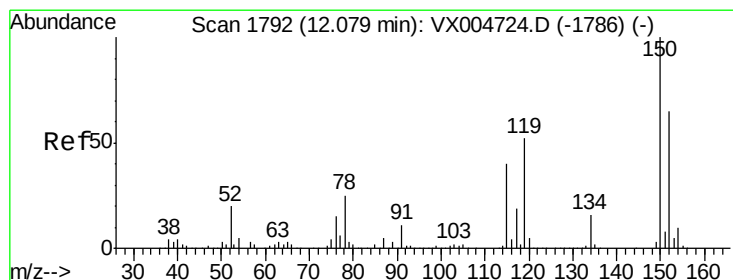
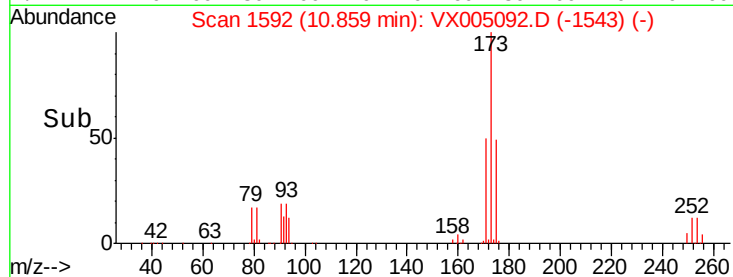
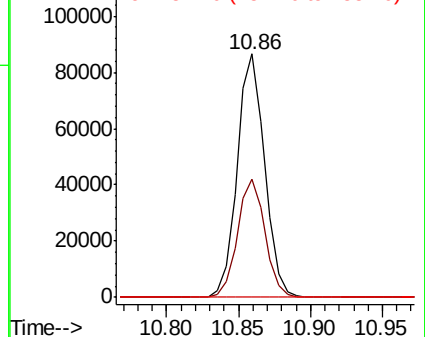
173 100

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: VX005092.D

Acq: 06 Oct 2018 03:19

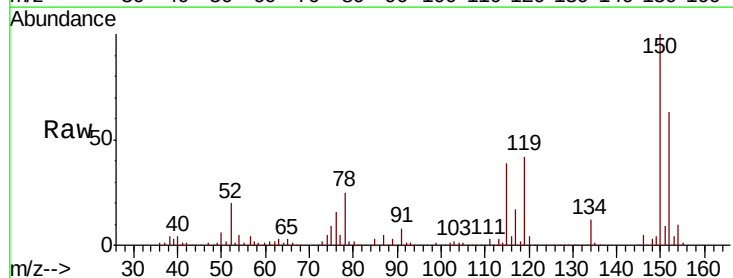
Tgt Ion:152 Resp: 178893

Ion Ratio Lower Upper

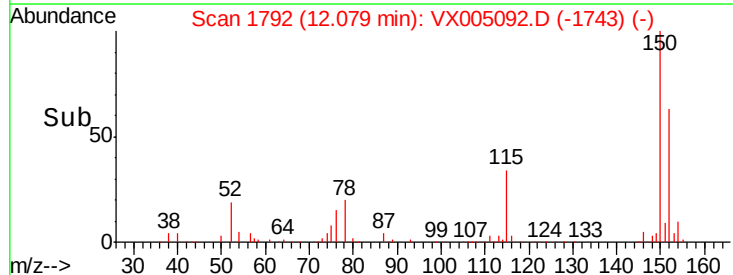
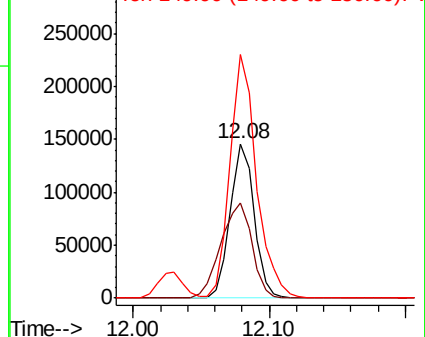
152 100

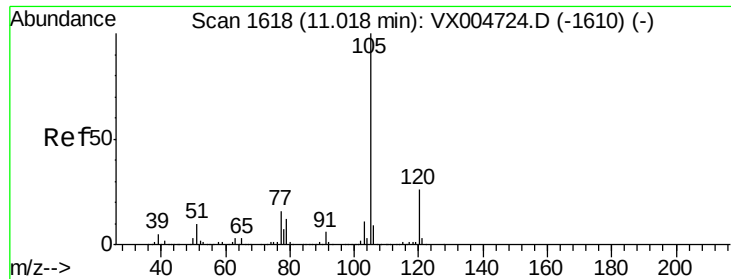
115 79.8 40.2 120.6

150 174.7 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: 55.037 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

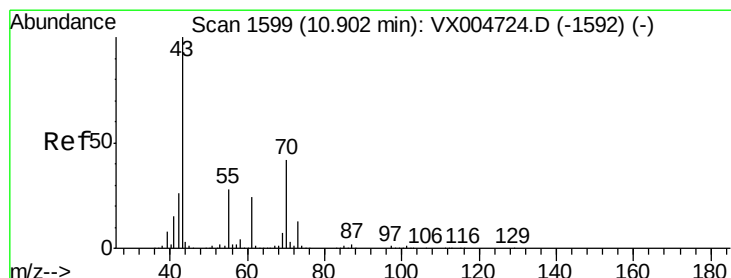
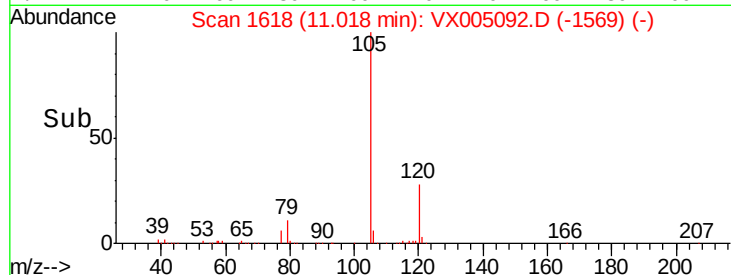
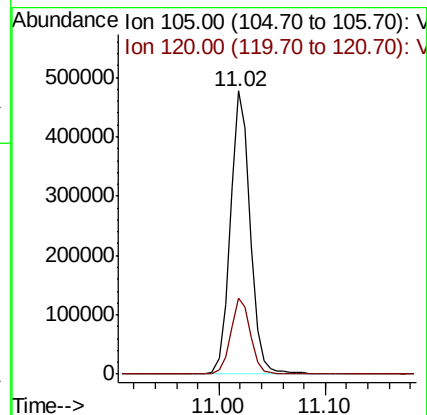
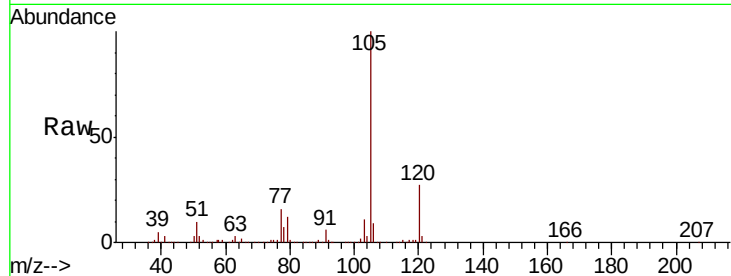
VSTDCCC050

Tot Ion:105 Resp: 620595

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 48.867 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Tgt Ion: 43 Resp: 302612

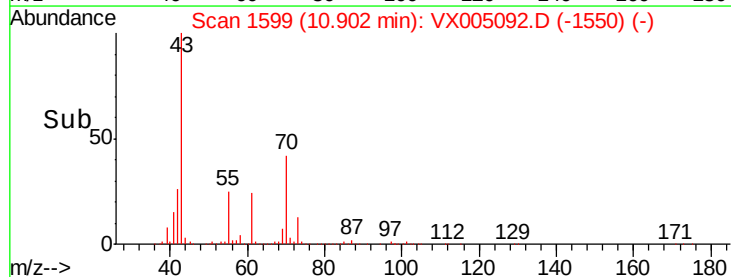
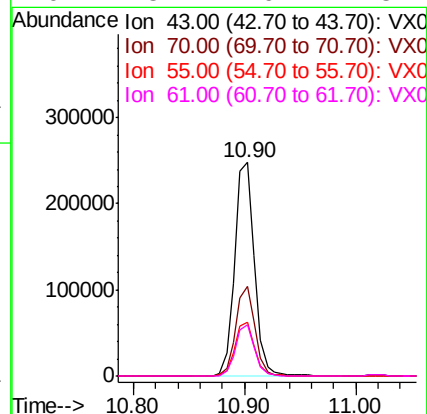
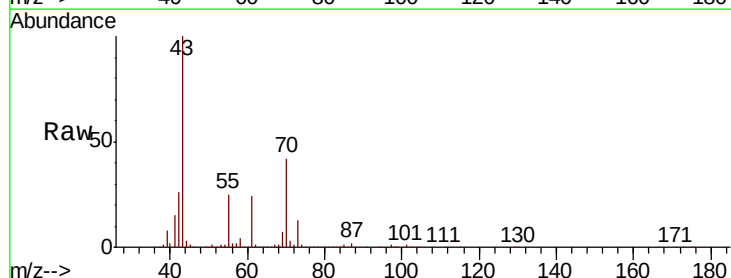
Ion Ratio Lower Upper

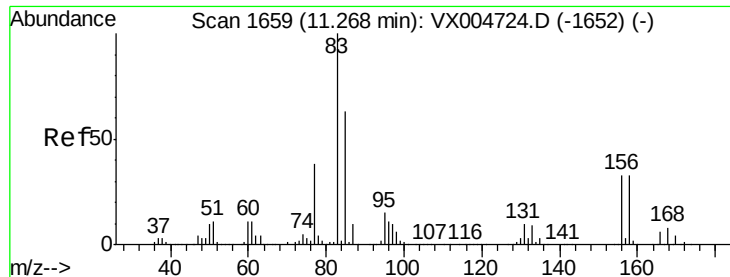
43 100

70 41.1 32.6 48.8

55 25.3 21.6 32.4

61 23.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.743 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

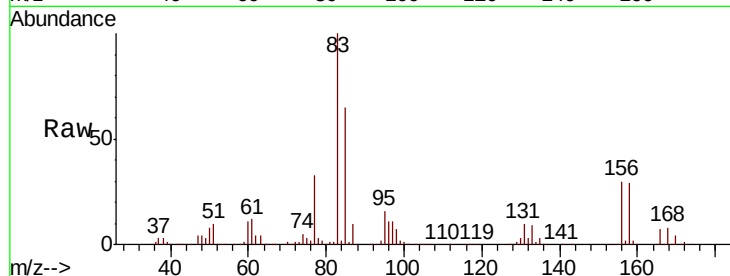
Tot Ion: 83 Resp: 223731

Ion Ratio Lower Upper

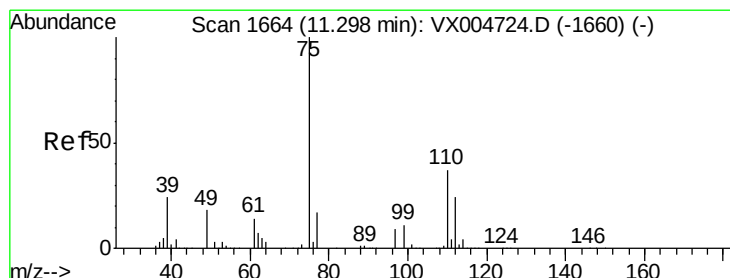
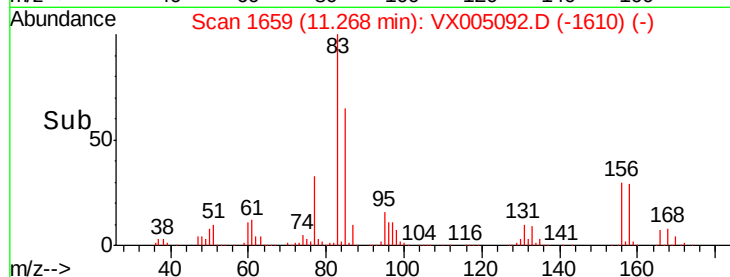
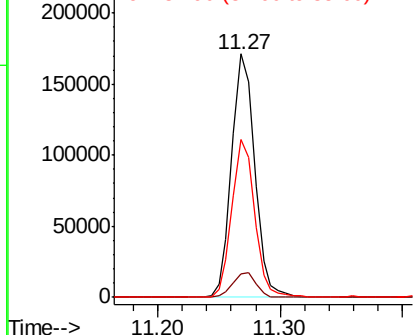
83 100

131 10.3 5.1 15.3

85 64.2 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: 63.045 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005092.D

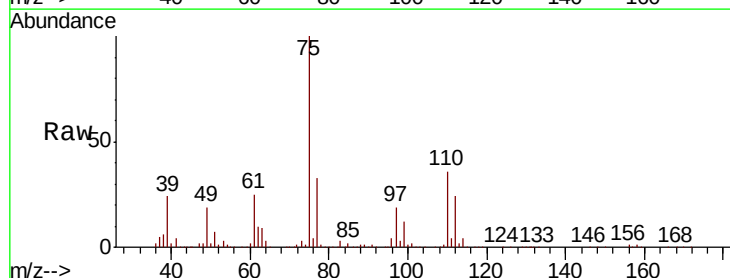
Acq: 06 Oct 2018 03:19

Tgt Ion: 75 Resp: 252787

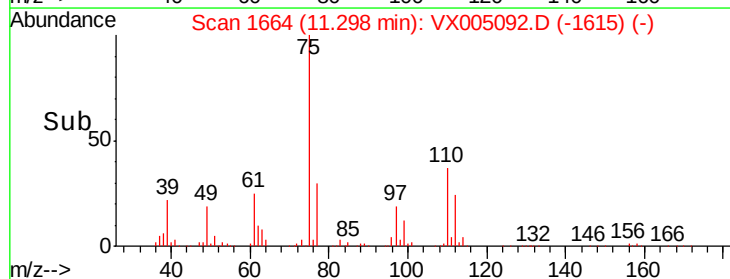
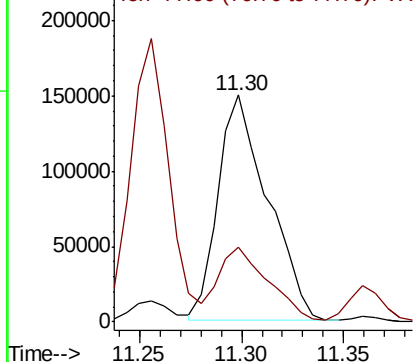
Ion Ratio Lower Upper

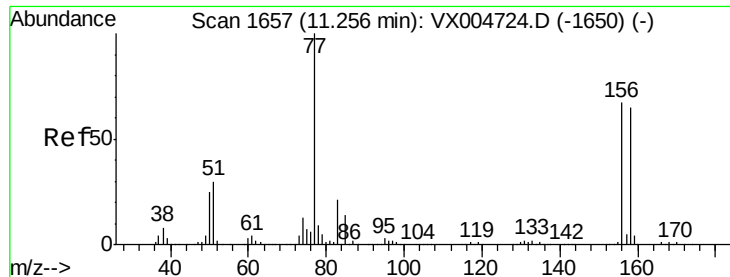
75 100

77 33.3 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: 50.864 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

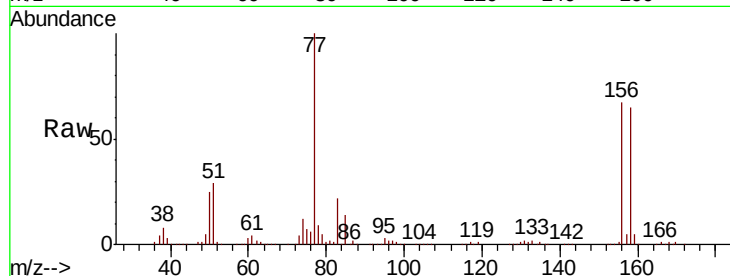
Tot Ion:156 Resp: 166587

Ion Ratio Lower Upper

156 100

77 146.7 73.4 220.2

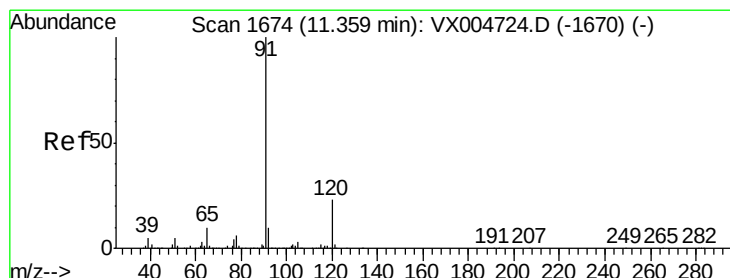
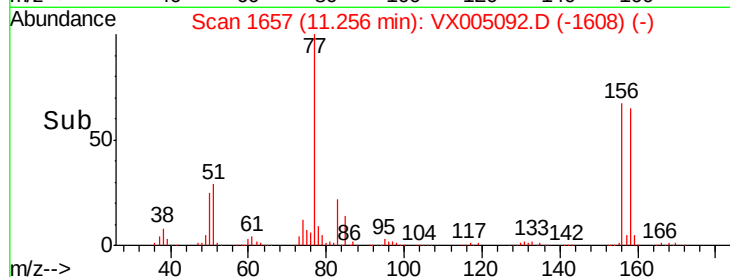
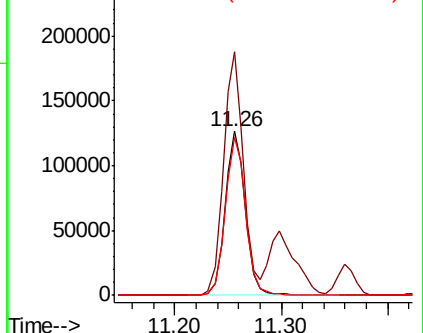
158 97.6 49.1 147.4



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: 55.299 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005092.D

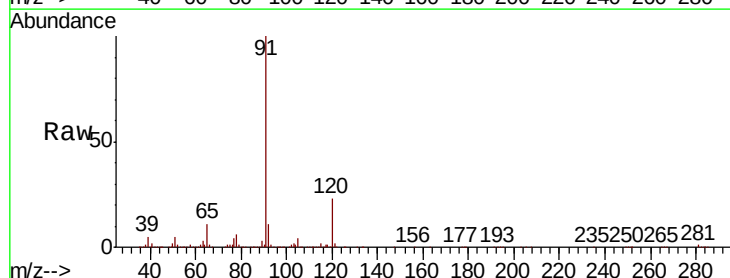
Acq: 06 Oct 2018 03:19

Tgt Ion: 91 Resp: 715448

Ion Ratio Lower Upper

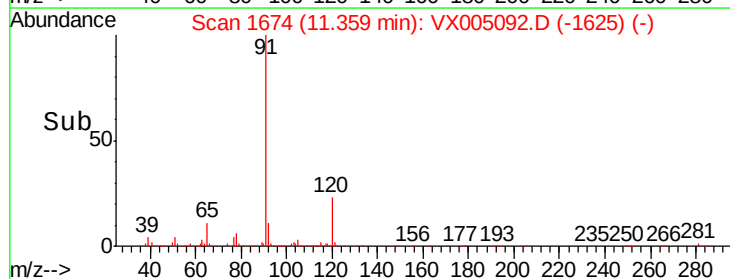
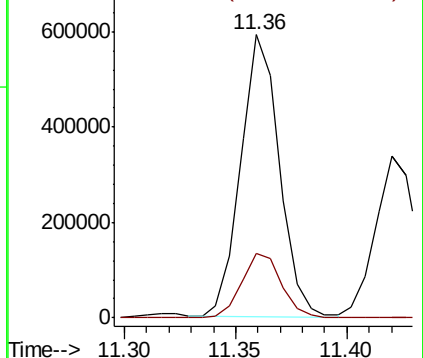
91 100

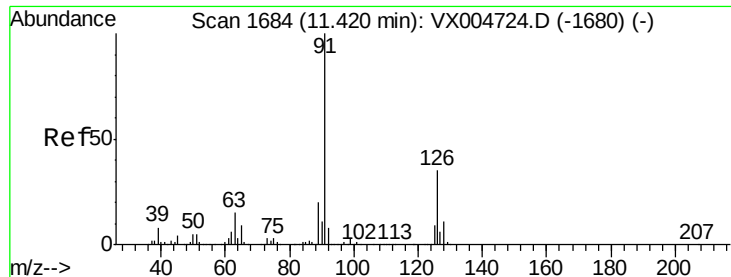
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.288 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

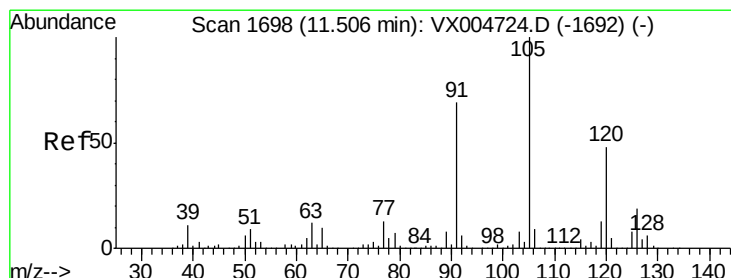
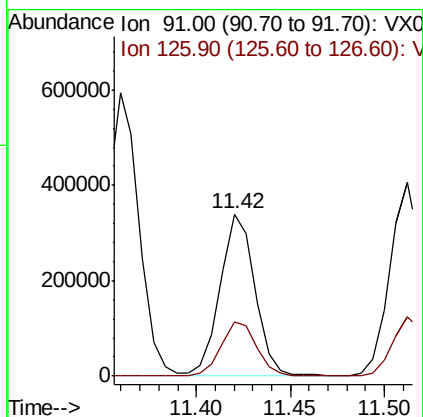
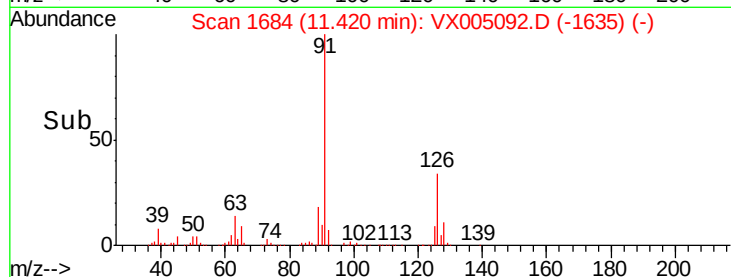
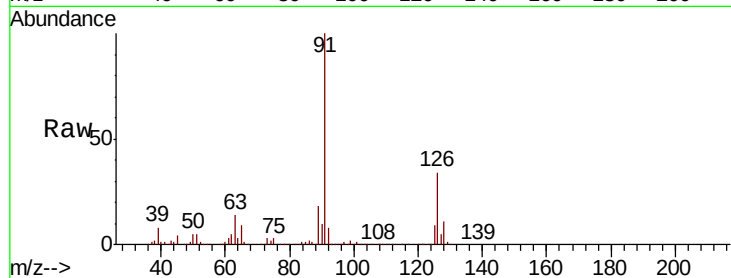
VSTDCCC050

Tot Ion: 91 Resp: 429728

Ion Ratio Lower Upper

91 100

126 34.7 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 51.089 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005092.D

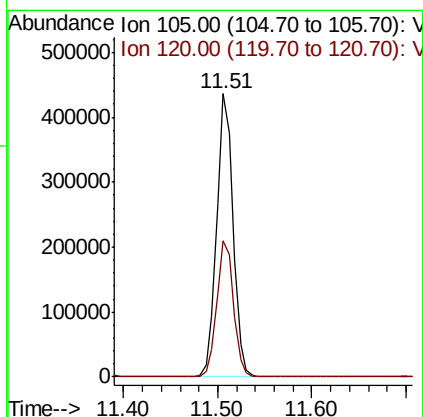
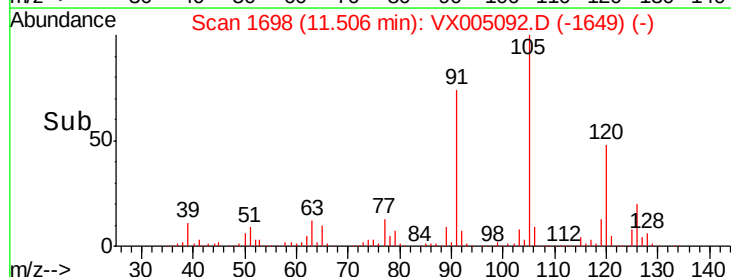
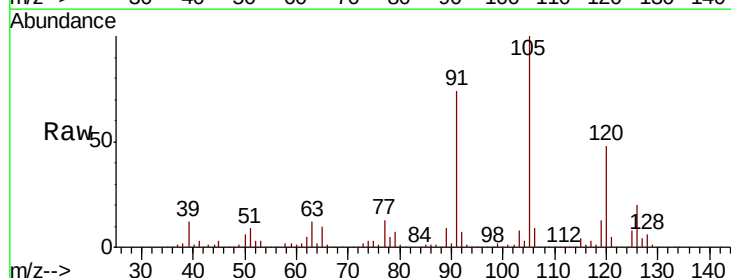
Acq: 06 Oct 2018 03:19

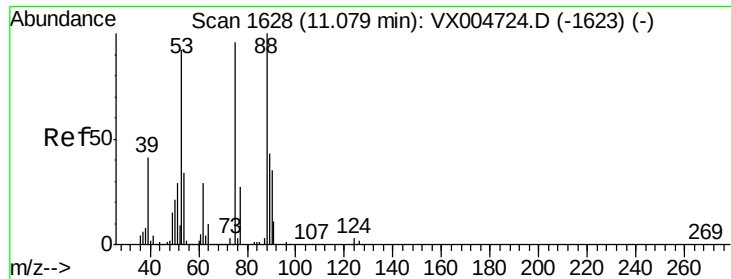
Tgt Ion: 105 Resp: 527952

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

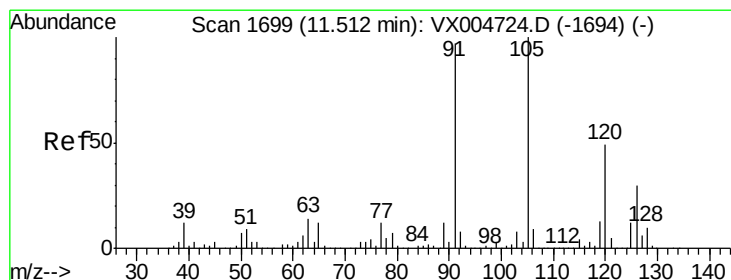
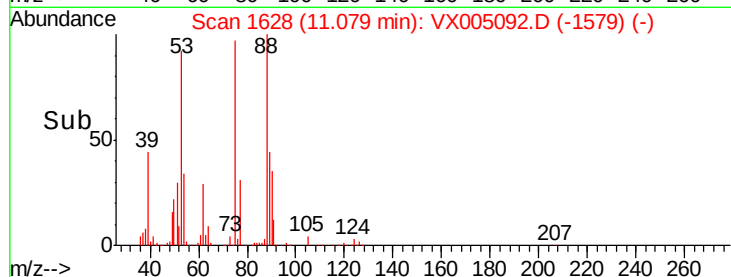
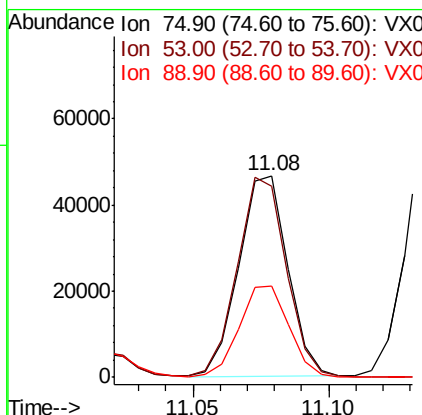
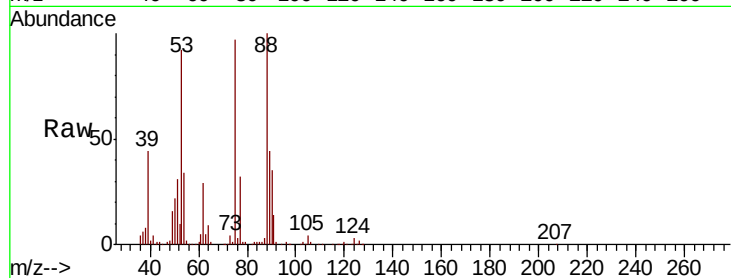




#81
trans-1,4-Dichloro-2-butene
Concen: 39.982 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

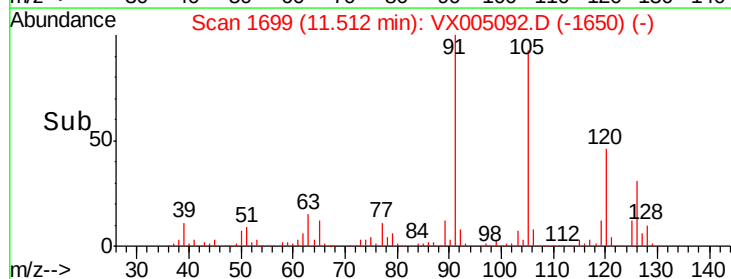
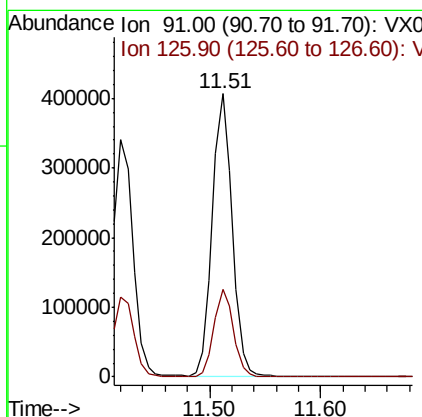
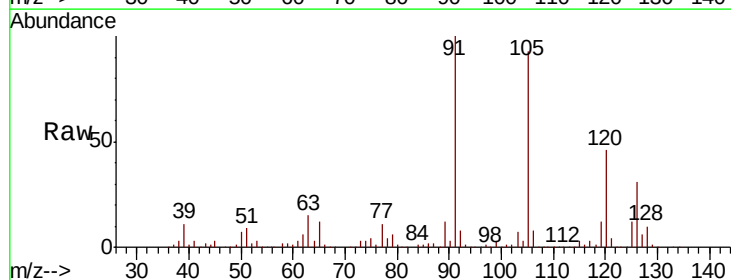
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

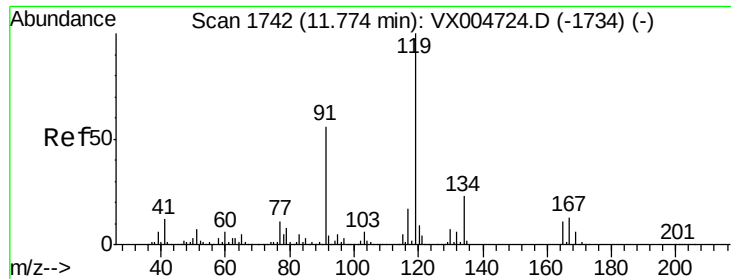
Tot Ion: 75 Resp: 58170
Ion Ratio Lower Upper
75 100
53 100.0 80.2 120.4
89 46.5 37.1 55.7



#82
4-Chlorotoluene
Concen: 53.437 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 91 Resp: 507224
Ion Ratio Lower Upper
91 100
126 30.4 15.5 46.5

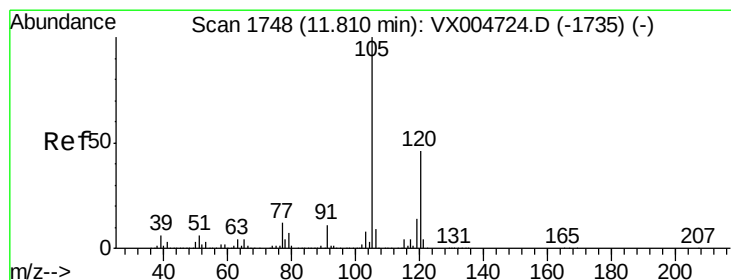
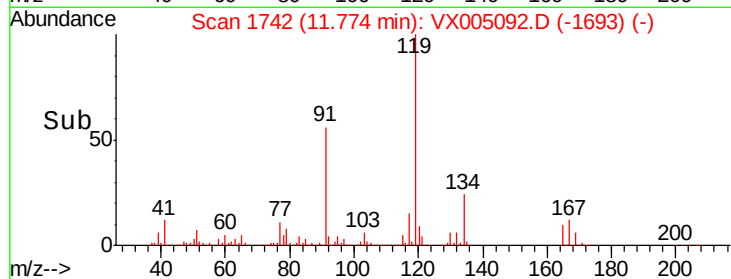
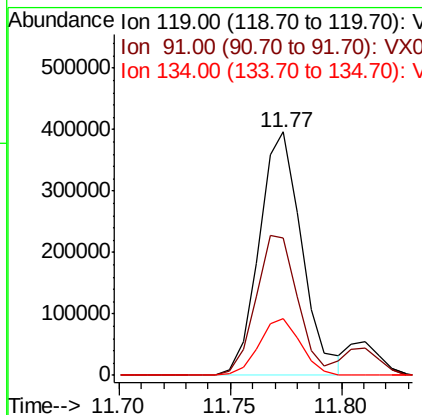
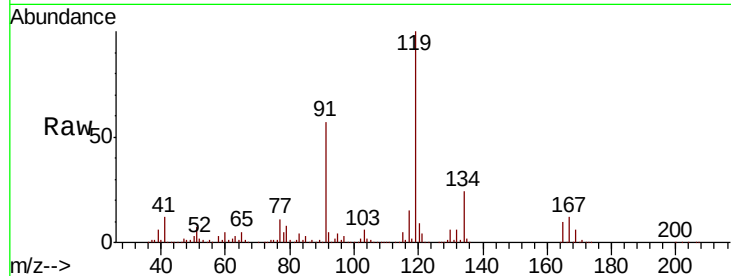




#83
 tert-Butylbenzene
 Concen: 56.863 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

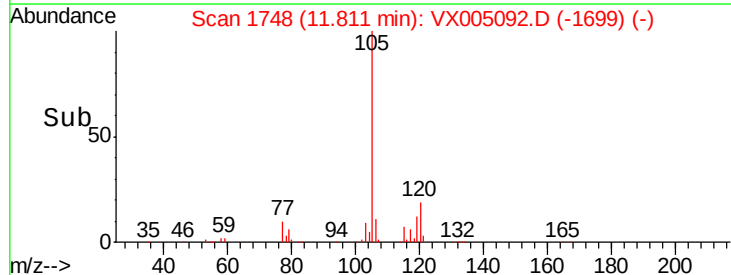
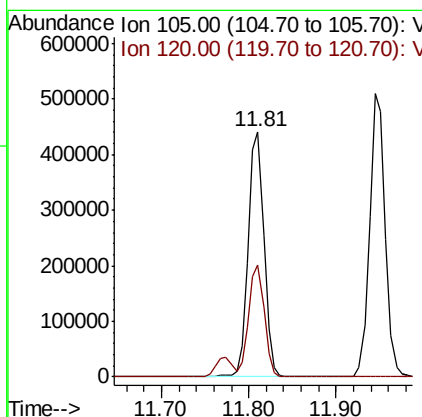
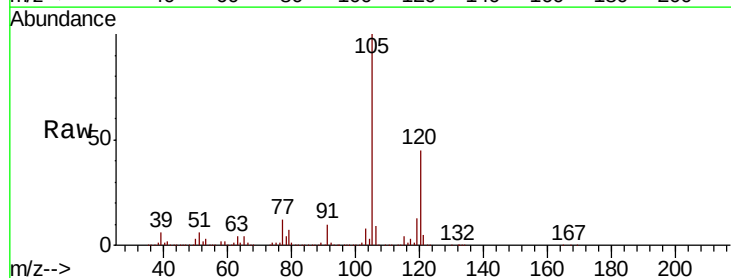
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

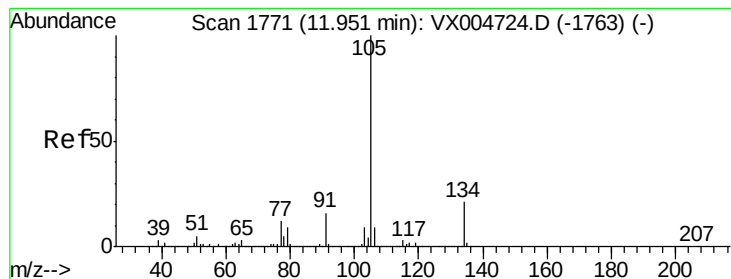
Tot Ion:119 Resp: 527905
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.5 82.5
 134 22.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.360 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion:105 Resp: 547330
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 56.225 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

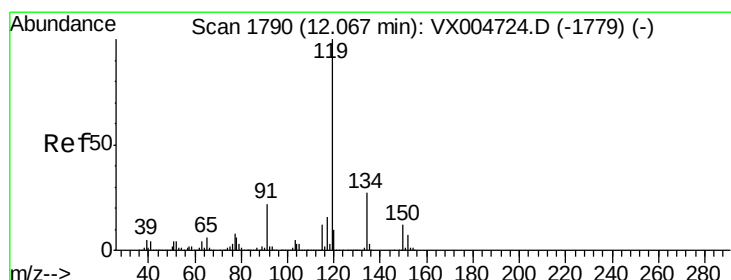
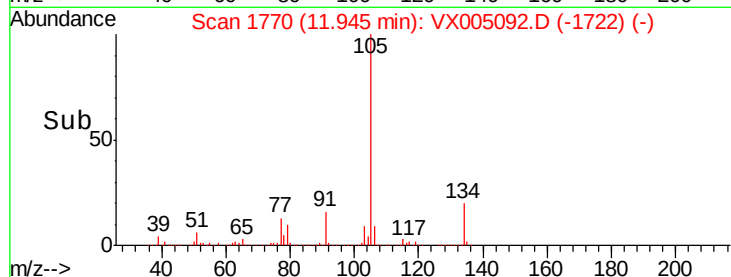
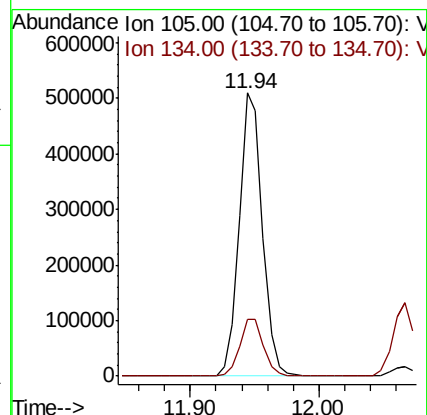
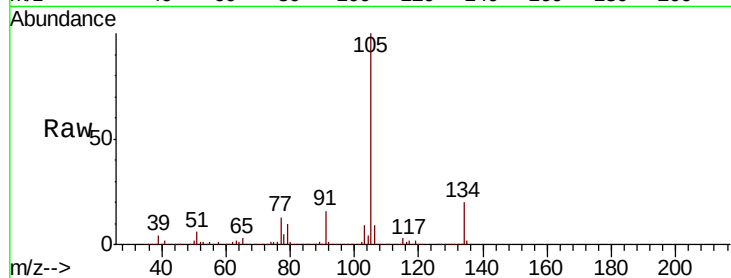
VSTDCCC050

Tot Ion:105 Resp: 635788

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 55.380 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

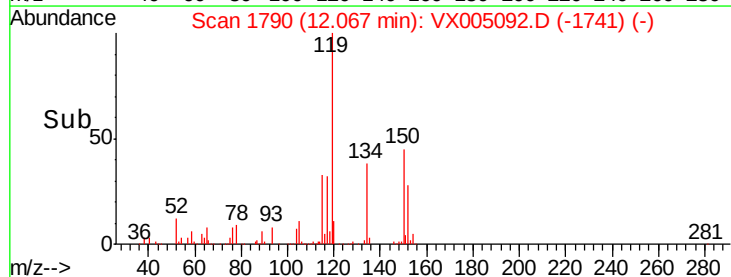
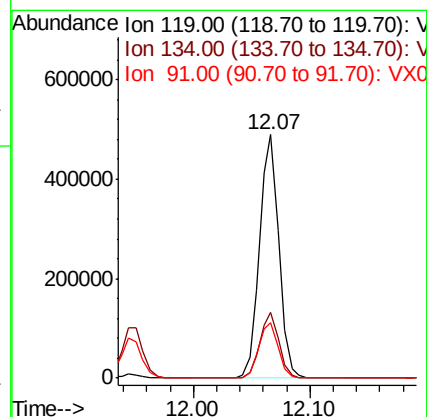
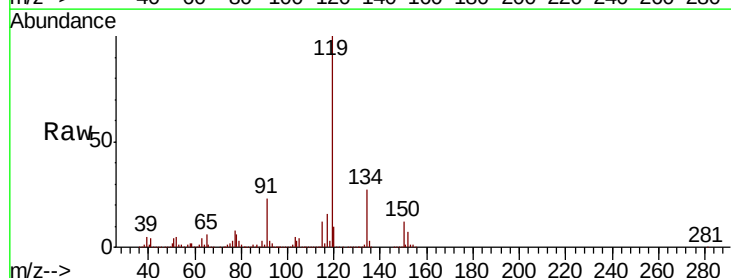
Tgt Ion:119 Resp: 567369

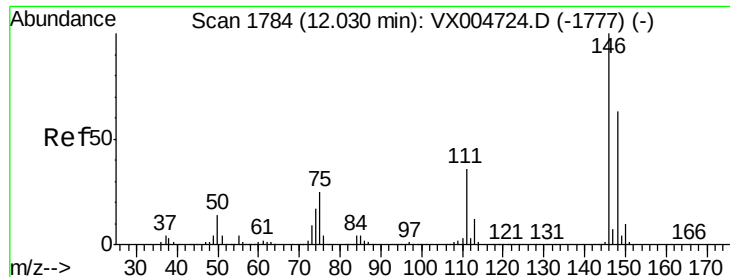
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.0 11.5 34.4

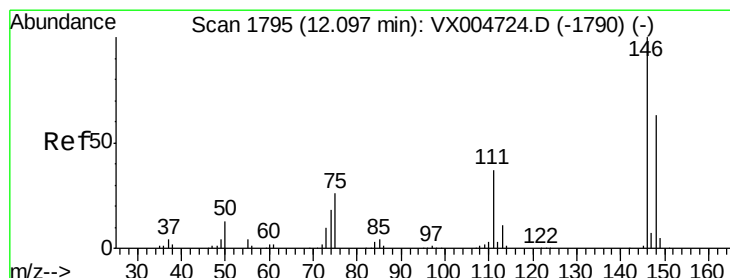
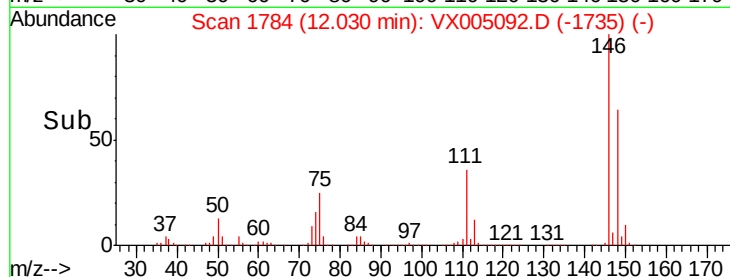
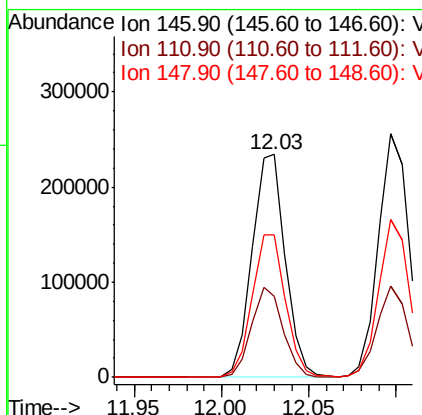
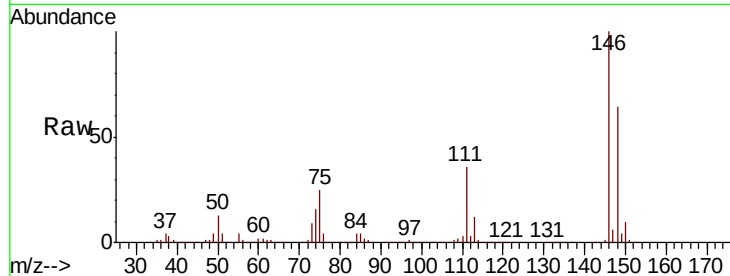




#87
 1,3-Dichlorobenzene
 Concen: 50.623 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

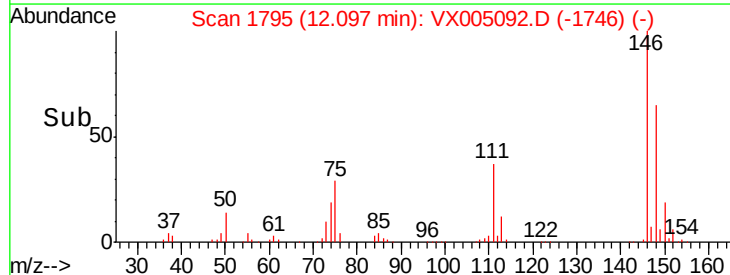
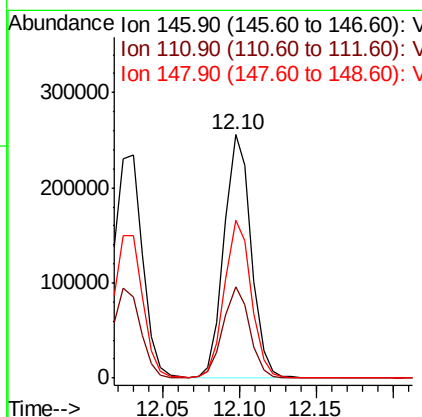
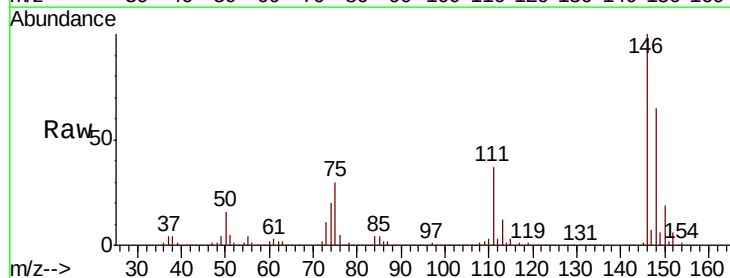
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

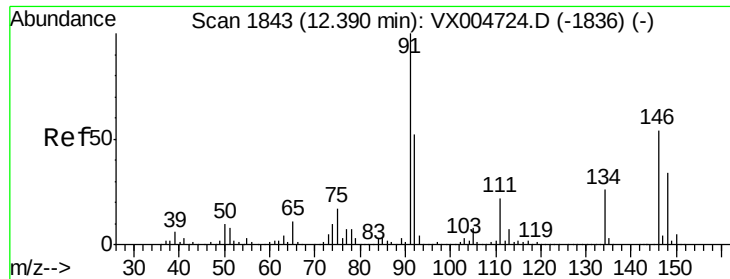
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	64.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.741 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.2
148	64.5	32.0	96.0

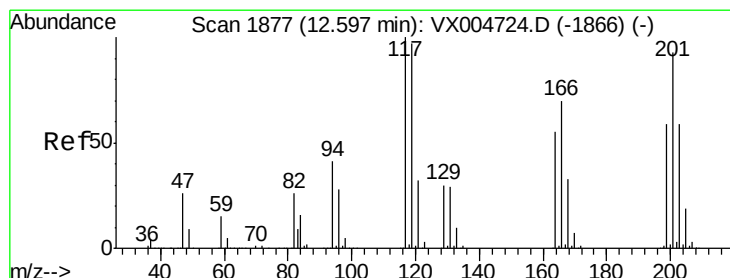
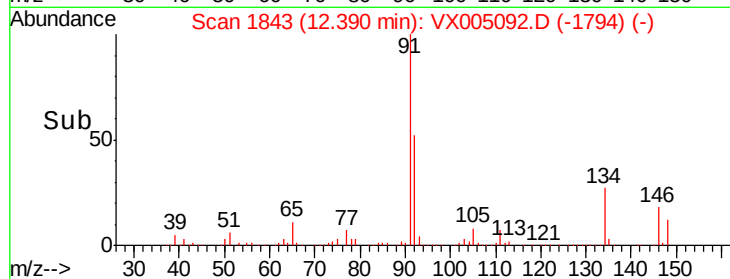
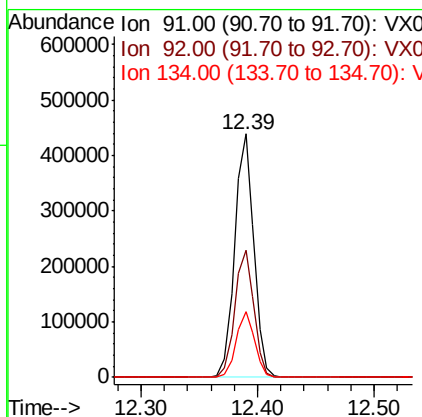
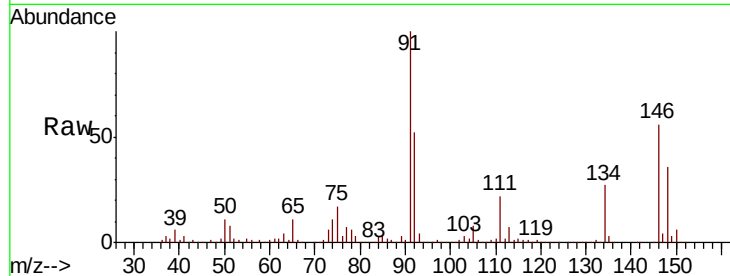




#89
n-Butylbenzene
Concen: 53.980 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

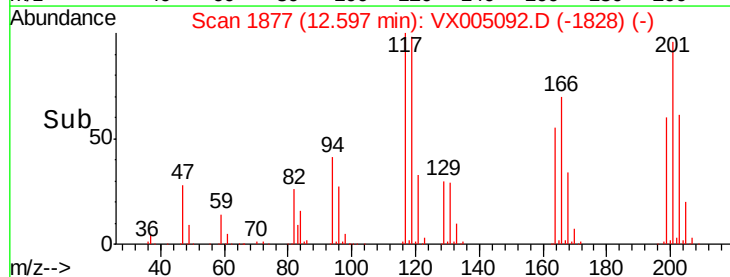
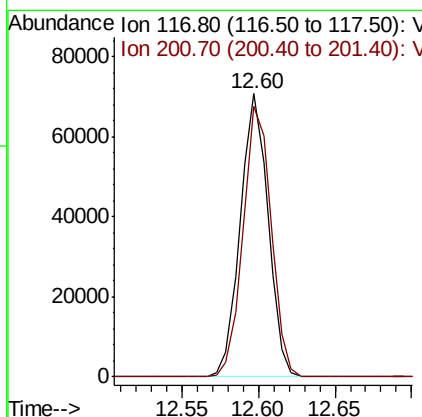
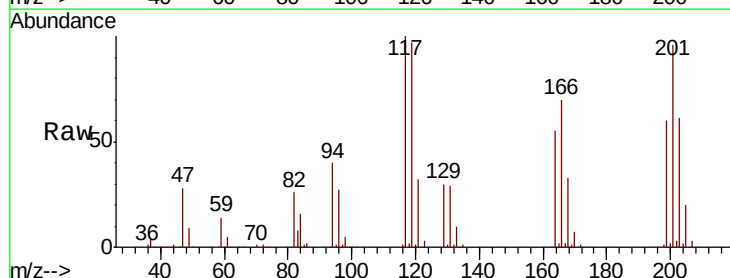
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

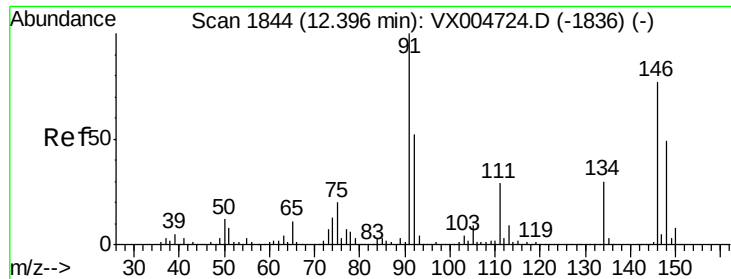
Tot Ion: 91 Resp: 502254
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 26.5 13.2 39.6



#90
Hexachloroethane
Concen: 52.190 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 117 Resp: 89025
Ion Ratio Lower Upper
117 100
201 96.8 48.4 145.0

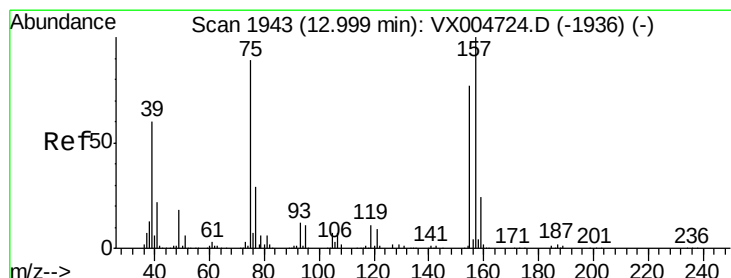
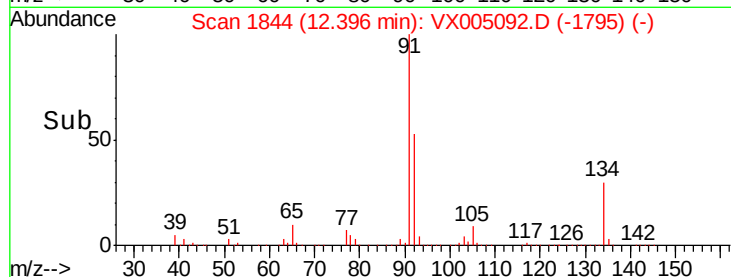
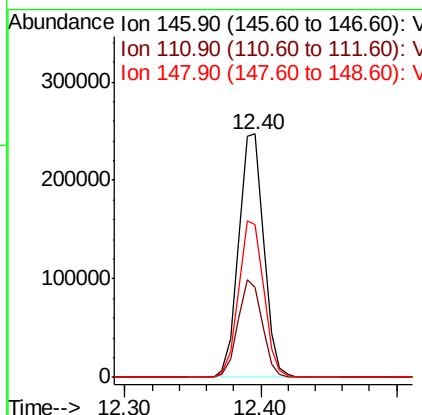
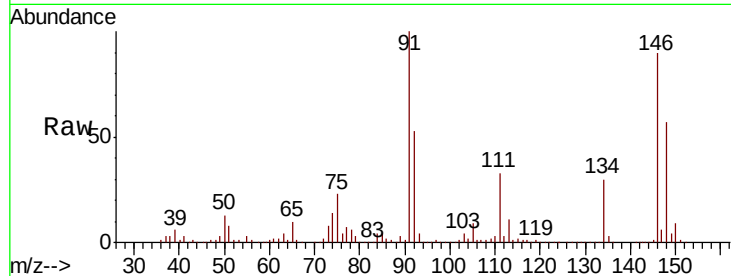




#91
 1,2-Dichlorobenzene
 Concen: 49.687 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

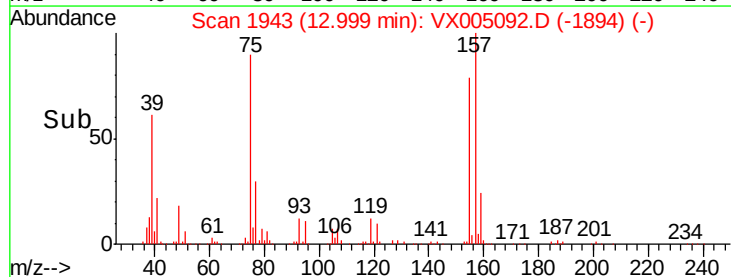
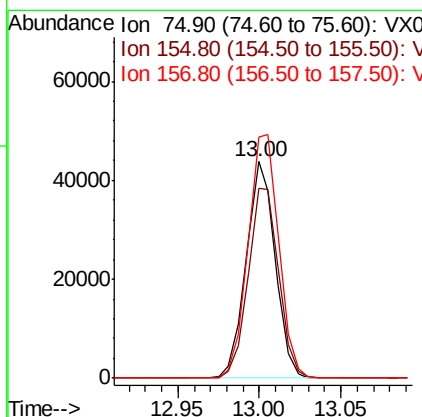
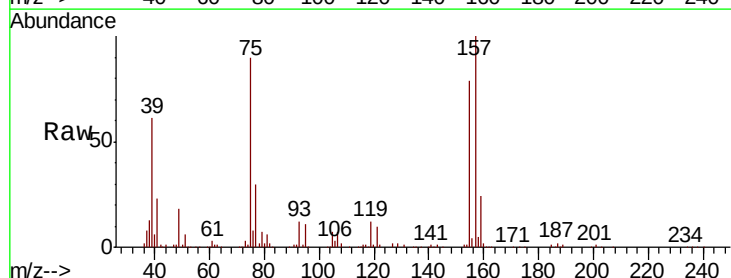
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

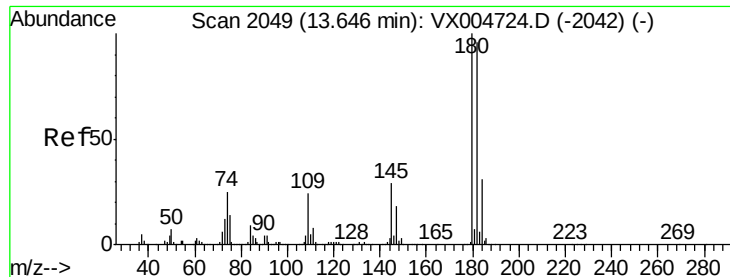
Tot Ion:146 Resp: 317558
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.7
 148 64.3 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.859 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion: 75 Resp: 54281
 Ion Ratio Lower Upper
 75 100
 155 92.1 46.1 138.3
 157 119.3 60.2 180.6

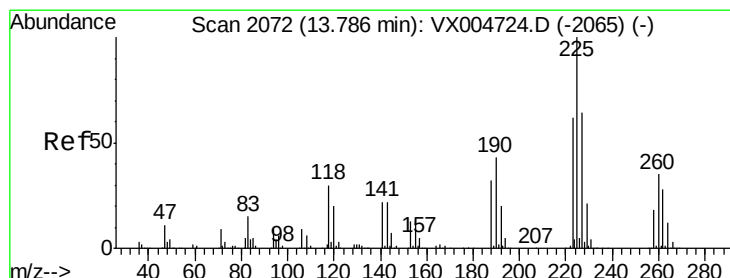
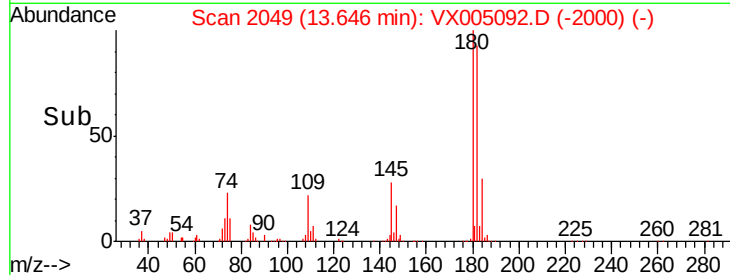
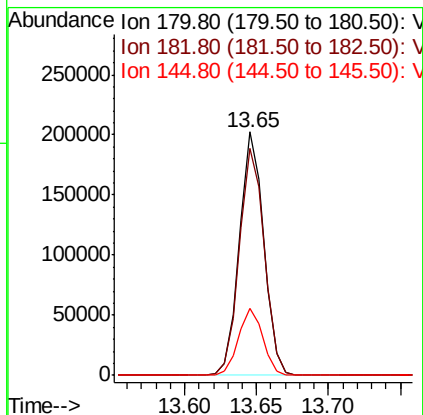
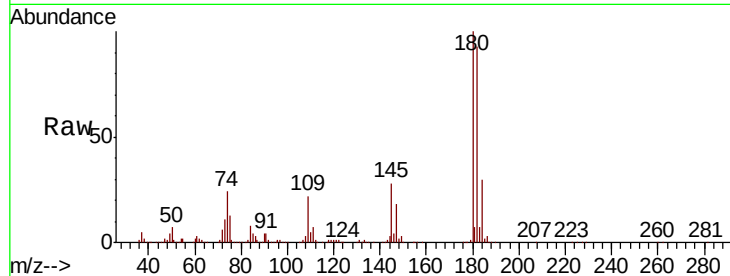




#93
 1,2,4-Trichlorobenzene
 Concen: 53.090 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

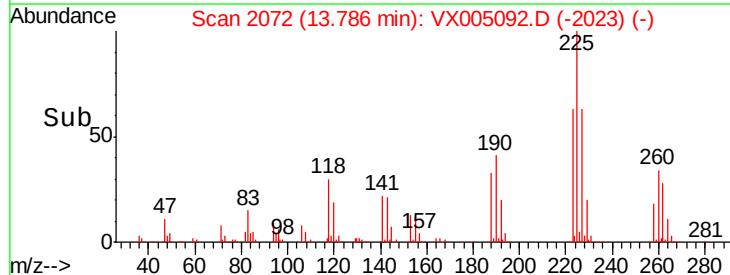
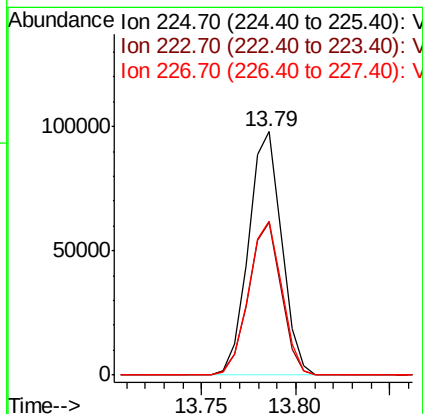
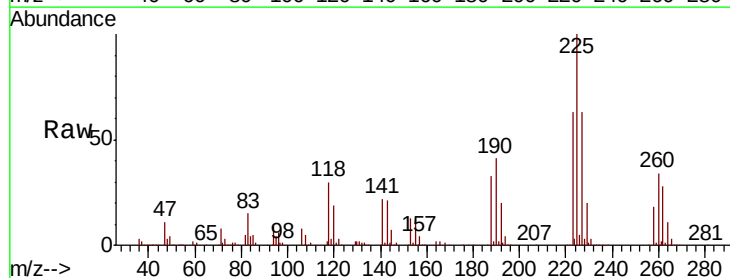
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

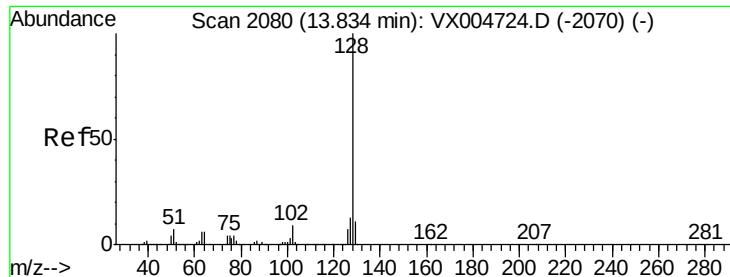
Tot Ion:180 Resp: 238016
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.4
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 51.315 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion:225 Resp: 119299
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.8
 227 63.5 31.9 95.5

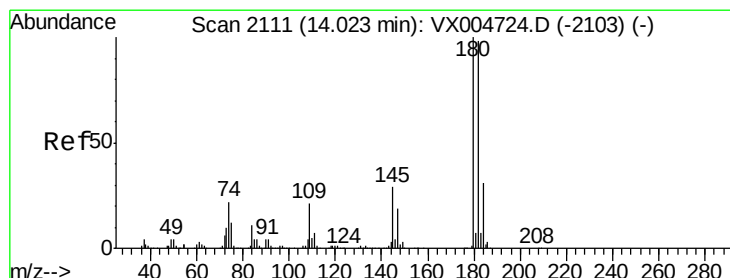
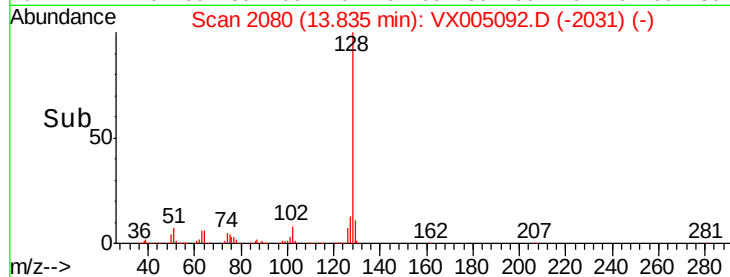
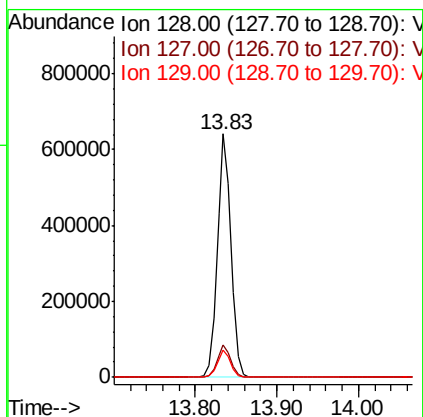
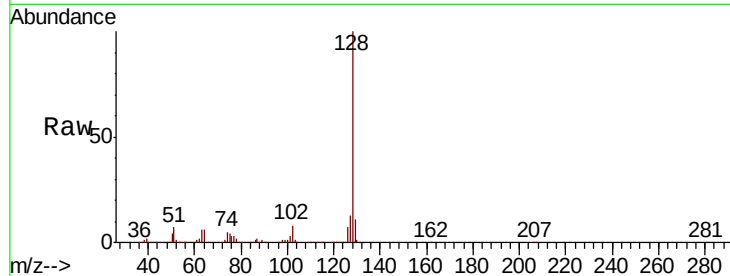




#95
Naphthalene
Concen: 50.918 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 757876
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: 53.245 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion:180 Resp: 246595
Ion Ratio Lower Upper
180 100
182 97.0 47.9 143.8
145 30.0 15.0 45.0

