

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006190.D
 Acq On : 26 Nov 2018 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 27 04:02:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215826	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	166267	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
35) Dibromofluoromethane	5.51	113	133907	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
50) Toluene-d8	8.71	98	506272	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.14	95	188353	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	100730	49.181	ug/l	99
3) Chloromethane	1.32	50	116825	45.153	ug/l	96
4) Vinyl Chloride	1.41	62	121485	46.162	ug/l	98
5) Bromomethane	1.64	94	91583	45.600	ug/l	96
6) Chloroethane	1.71	64	72052	58.390	ug/l	99
7) Trichlorofluoromethane	1.93	101	167604	48.683	ug/l	100
8) Diethyl Ether	2.19	74	69412	47.696	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106940	52.384	ug/l	99
10) Methyl Iodide	2.51	142	147859	57.769	ug/l	98
11) Tert butyl alcohol	3.07	59	174399	256.700	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95416	47.944	ug/l	98
13) Acrolein	2.29	56	102506	252.143	ug/l	100
14) Allyl chloride	2.73	41	248096	60.932	ug/l	96
15) Acrylonitrile	3.15	53	375307	250.103	ug/l	98
16) Acetone	2.45	43	435157	307.055	ug/l	100
17) Carbon Disulfide	2.57	76	340932	63.444	ug/l	98
18) Methyl Acetate	2.78	43	243800	67.083	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	340718	49.530	ug/l	100
20) Methylene Chloride	2.85	84	132337	61.776	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	102785	49.362	ug/l	94
22) Diisopropyl ether	3.87	45	457668	52.508	ug/l	99
23) Vinyl Acetate	3.82	43	1981350	273.997	ug/l	100
24) 1,1-Dichloroethane	3.70	63	225743	54.974	ug/l	99
25) 2-Butanone	4.70	43	671472	255.263	ug/l	100
26) 2,2-Dichloropropane	4.58	77	167257	49.419	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	139547	47.950	ug/l	99
28) Bromochloromethane	5.02	49	120799	50.474	ug/l	99
29) Tetrahydrofuran	5.16	42	436356	265.916	ug/l	100
30) Chloroform	5.21	83	246870	49.610	ug/l	99
31) Cyclohexane	5.57	56	206117	48.054	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	208428	51.873	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177426	49.417	ug/l	99
37) Ethyl Acetate	4.85	43	240099	51.977	ug/l	99
38) Carbon Tetrachloride	5.78	117	181672	53.833	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	202540	49.516	ug/l	98
40) Benzene	6.14	78	537695	50.832	ug/l	100
41) Methacrylonitrile	5.06	41	130384	51.219	ug/l	99
42) 1,2-Dichloroethane	6.20	62	201841	51.038	ug/l	100
43) Isopropyl Acetate	6.46	43	355512	53.292	ug/l	99
44) Trichloroethene	7.21	130	145995	49.658	ug/l	99
45) 1,2-Dichloropropane	7.52	63	142885	51.041	ug/l	100
46) Dibromomethane	7.66	93	98071	51.155	ug/l	99
47) Bromodichloromethane	7.90	83	190252	53.656	ug/l	98
48) Methyl methacrylate	7.77	41	191428	56.581	ug/l	99
49) 1,4-Dioxane	7.75	88	82379	1026.307	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1316364	275.250	ug/l	100
52) Toluene	8.79	92	346026	52.887	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	200886	54.291	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	217894	53.270	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	145577	51.376	ug/l	98
56) Ethyl methacrylate	9.18	69	221094	50.100	ug/l	99
57) 1,3-Dichloropropane	9.37	76	239909	51.366	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	620293	251.831	ug/l	100
59) 2-Hexanone	9.49	43	1053135	277.478	ug/l	99
60) Dibromochloromethane	9.59	129	153439	55.232	ug/l	99
61) 1,2-Dibromoethane	9.67	107	154749	53.011	ug/l	100
64) Tetrachloroethene	9.34	164	152997	49.359	ug/l	99
65) Chlorobenzene	10.14	112	393153	50.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	141858	53.481	ug/l	99
67) Ethyl Benzene	10.25	91	669303	52.908	ug/l	99
68) m/p-Xylenes	10.36	106	523580	106.289	ug/l	99
69) o-Xylene	10.70	106	247501	52.601	ug/l	99
70) Styrene	10.71	104	420593	54.822	ug/l	99
71) Bromoform	10.86	173	127751	53.806	ug/l	98
73) Isopropylbenzene	11.02	105	685921	52.526	ug/l	100
74) N-amyl acetate	10.90	43	330175	49.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	243198	49.418	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	288605	64.951	ug/l	87
77) Bromobenzene	11.26	156	183131	50.060	ug/l	100
78) n-propylbenzene	11.36	91	801918	52.730	ug/l	100
79) 2-Chlorotoluene	11.42	91	469320	51.010	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	584057	53.048	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69256	52.716	ug/l	98
82) 4-Chlorotoluene	11.51	91	555078	51.698	ug/l	100
83) tert-Butylbenzene	11.77	119	567420	52.791	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	600982	53.512	ug/l	100
85) sec-Butylbenzene	11.94	105	695949	52.935	ug/l	99
86) p-Isopropyltoluene	12.07	119	625211	53.338	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	335702	49.770	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	342088	48.924	ug/l	99
89) n-Butylbenzene	12.39	91	552611	52.070	ug/l	99
90) Hexachloroethane	12.60	117	100475	53.714	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	342087	49.607	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60441	52.928	ug/l	98

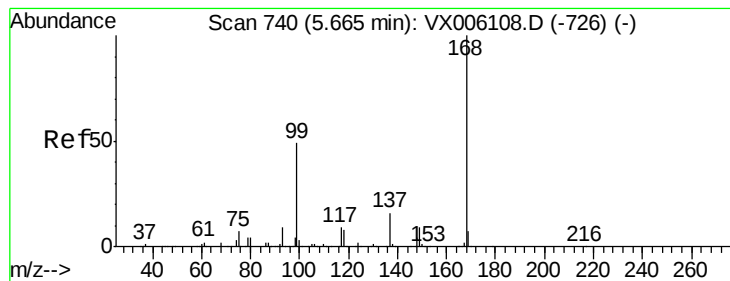
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	244586	50.348	ug/l	99
94) Hexachlorobutadiene	13.79	225	115232	48.671	ug/l	99
95) Naphthalene	13.83	128	784201	54.898	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251520	50.787	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

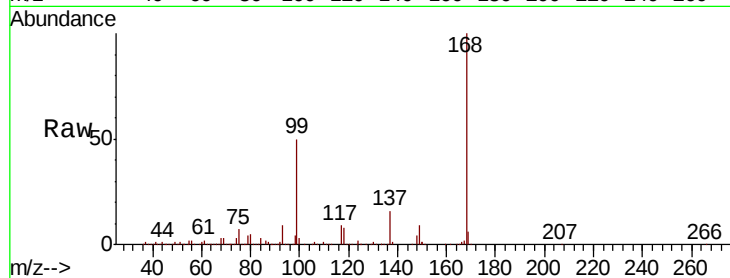
VSTDCCC050

Tot Ion:168 Resp: 275617

Ion Ratio Lower Upper

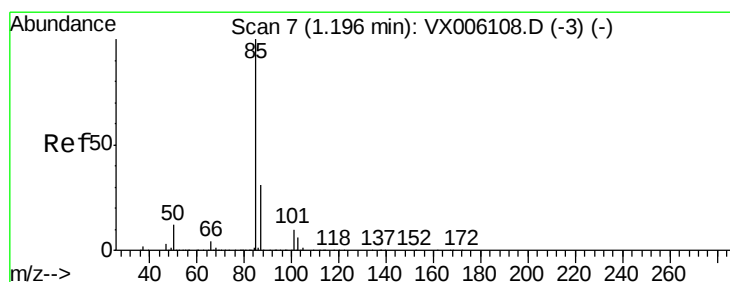
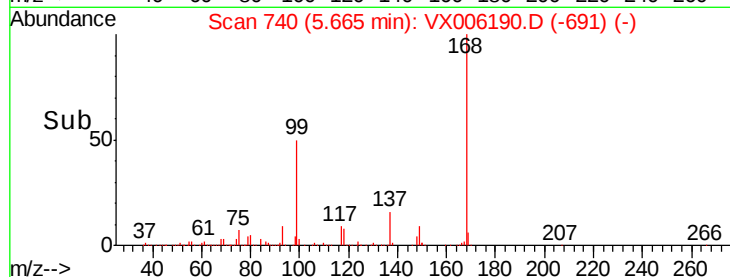
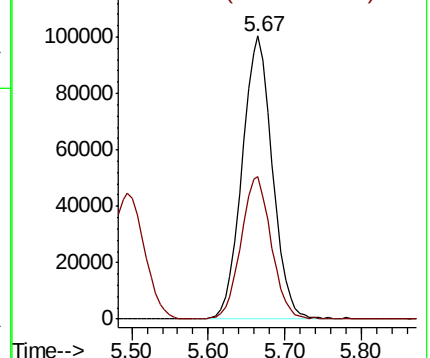
168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.181 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006190.D

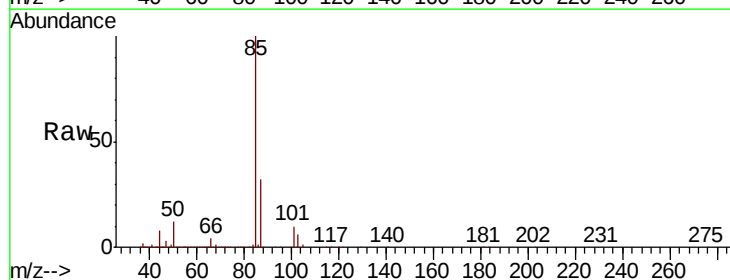
Acq: 26 Nov 2018 22:17

Tgt Ion: 85 Resp: 100730

Ion Ratio Lower Upper

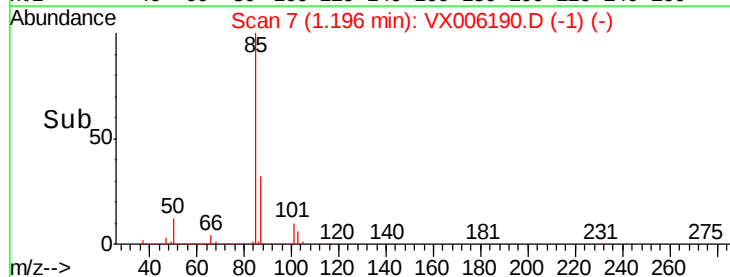
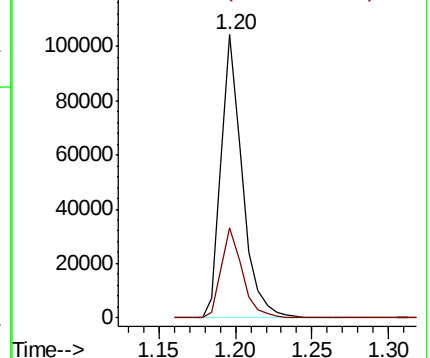
85 100

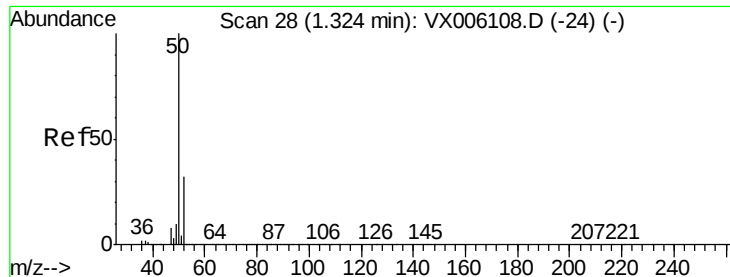
87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.153 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

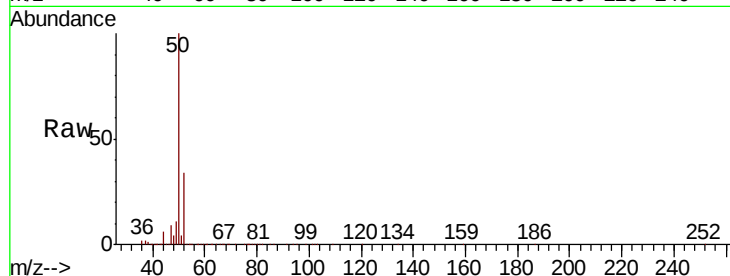
VSTDCCC050

Tot Ion: 50 Resp: 116825

Ion Ratio Lower Upper

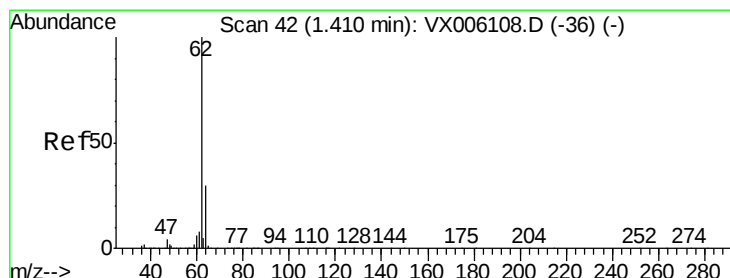
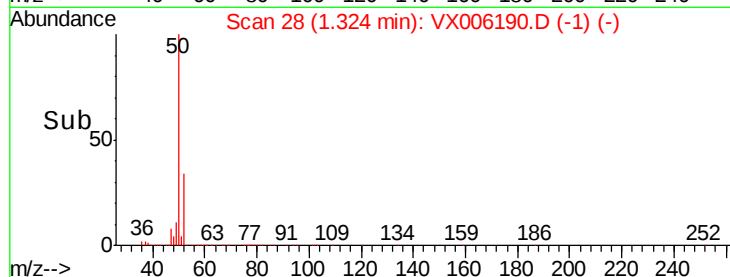
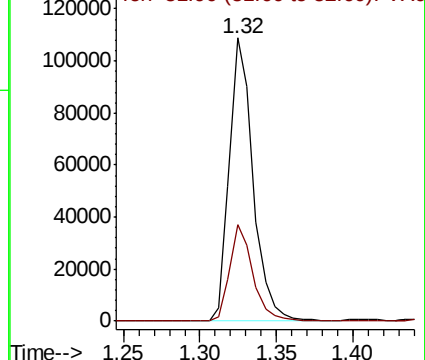
50 100

52 34.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.162 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006190.D

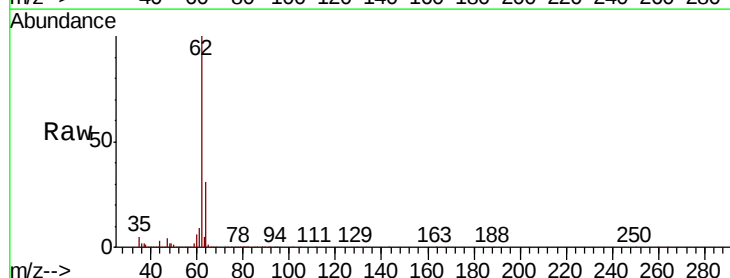
Acq: 26 Nov 2018 22:17

Tgt Ion: 62 Resp: 121485

Ion Ratio Lower Upper

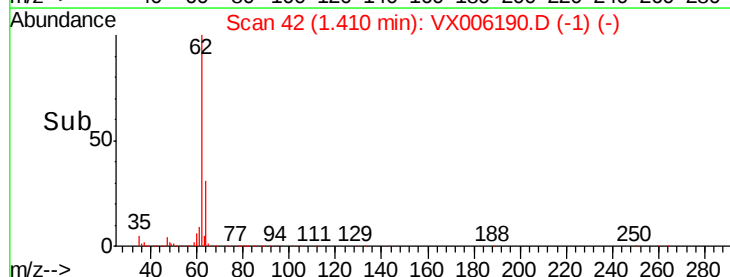
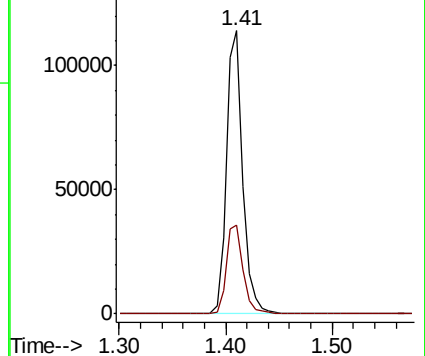
62 100

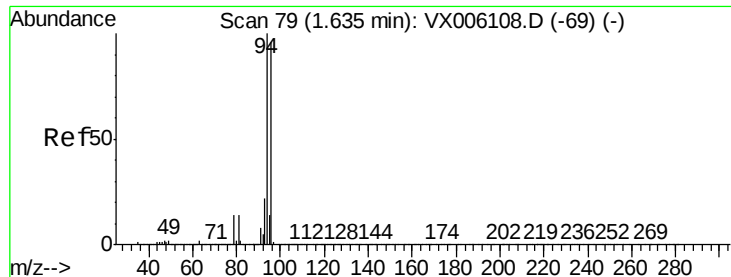
64 31.3 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.600 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

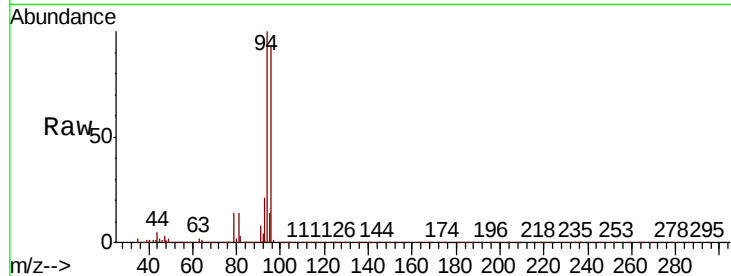
VSTDCCC050

Tot Ion: 94 Resp: 91583

Ion Ratio Lower Upper

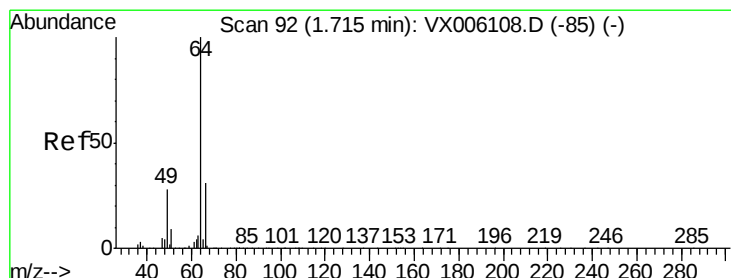
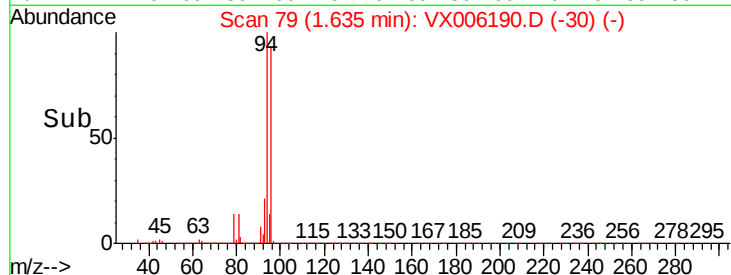
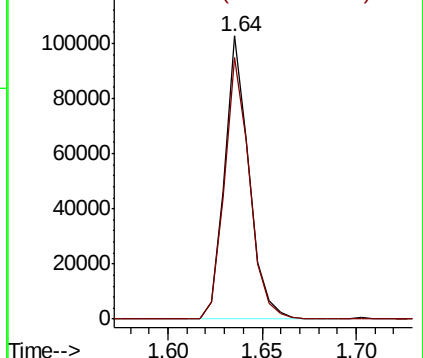
94 100

96 92.5 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.390 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006190.D

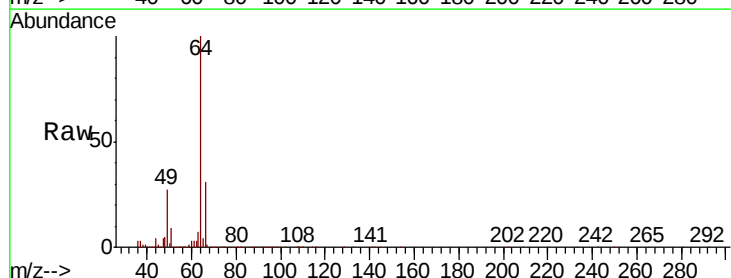
Acq: 26 Nov 2018 22:17

Tgt Ion: 64 Resp: 72052

Ion Ratio Lower Upper

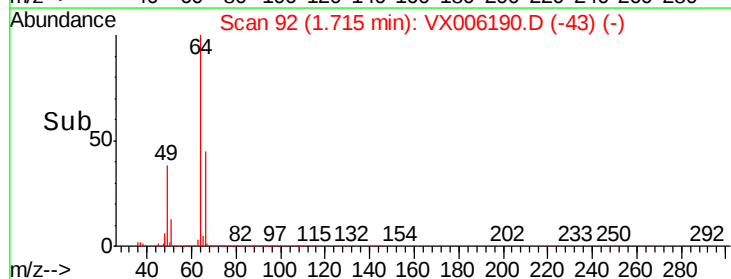
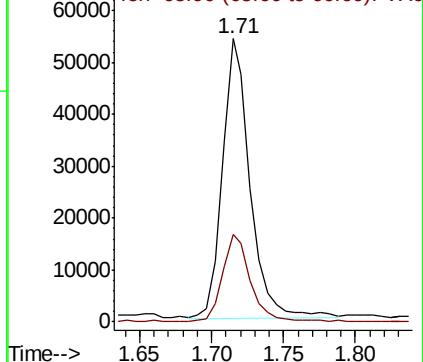
64 100

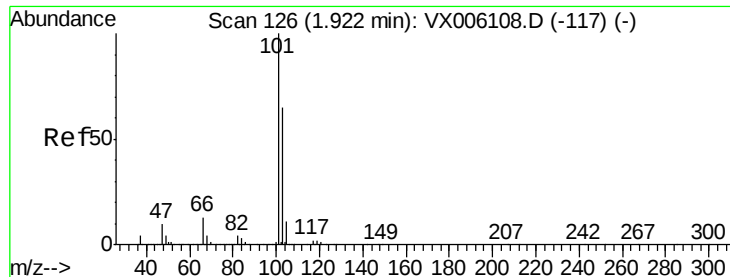
66 31.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



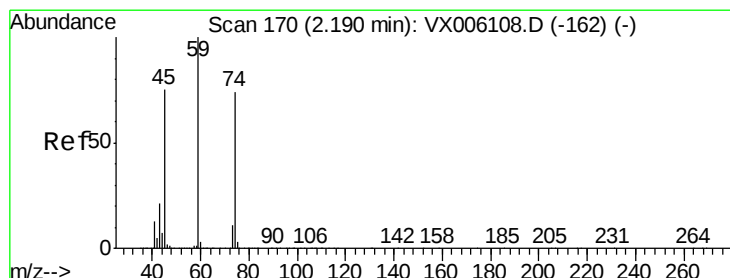
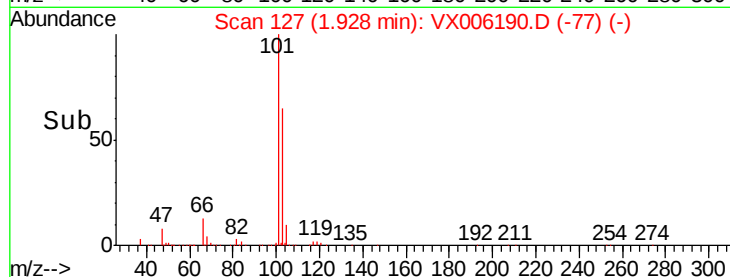
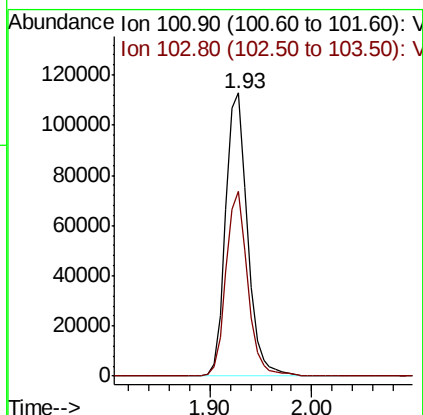
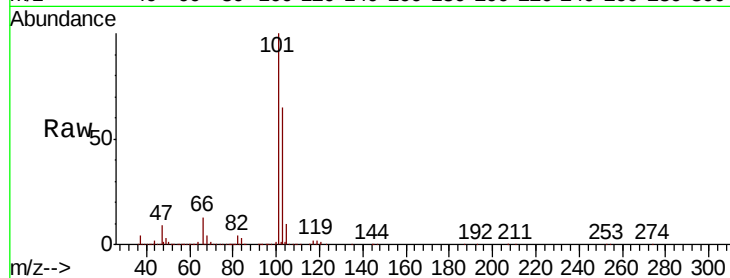


#7

Trichlorofluoromethane
Concen: 48.683 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

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VSTDCCC050

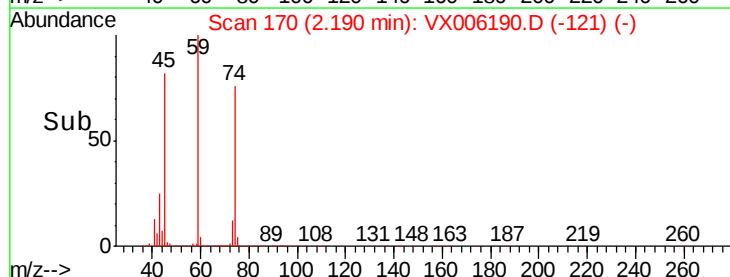
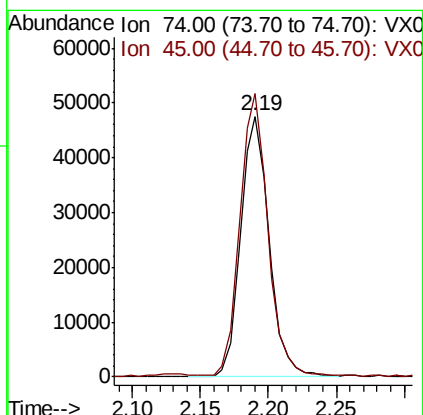
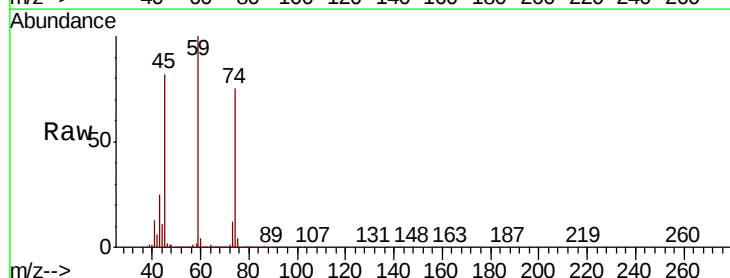
Tot Ion:101 Resp: 167604
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1

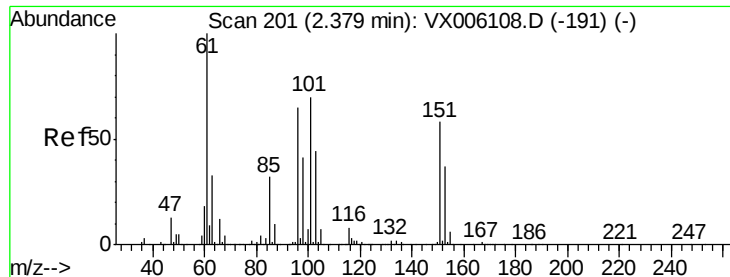


#8

Diethyl Ether
Concen: 47.696 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion: 74 Resp: 69412
Ion Ratio Lower Upper
74 100
45 105.9 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.384 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

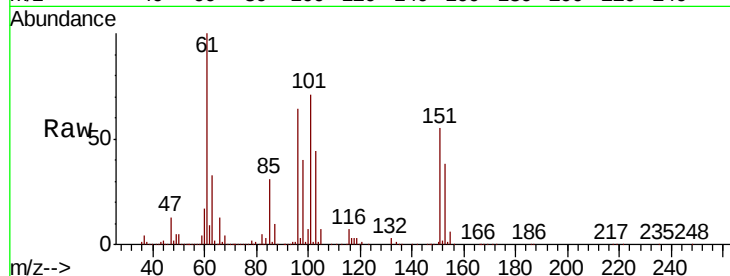
Tot Ion:101 Resp: 106940

Ion Ratio Lower Upper

101 100

85 43.9 36.0 54.0

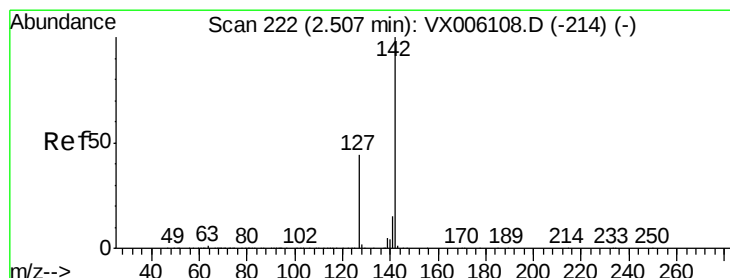
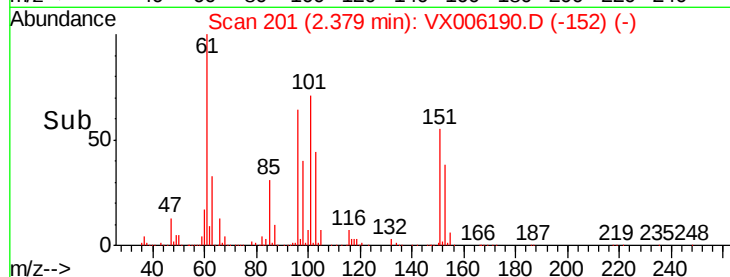
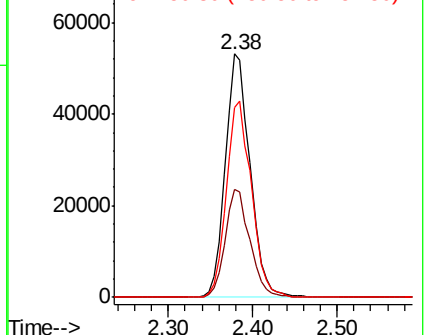
151 81.1 65.8 98.6



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: 57.769 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

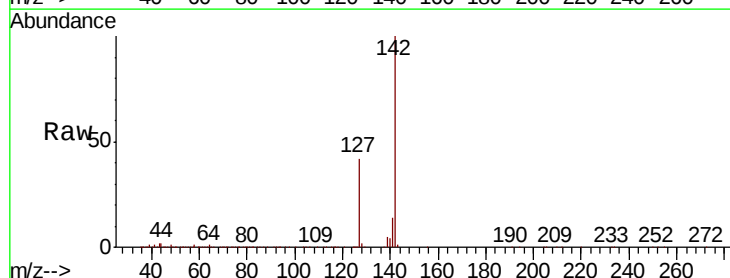
Tgt Ion:142 Resp: 147859

Ion Ratio Lower Upper

142 100

127 42.9 36.0 54.0

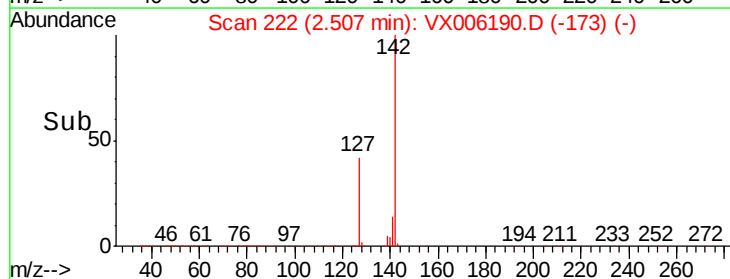
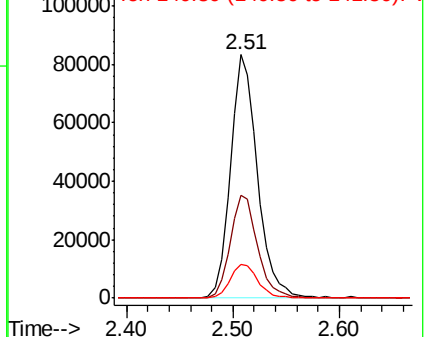
141 14.6 11.7 17.5

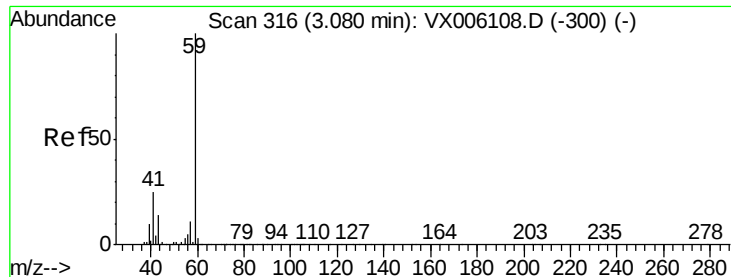


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



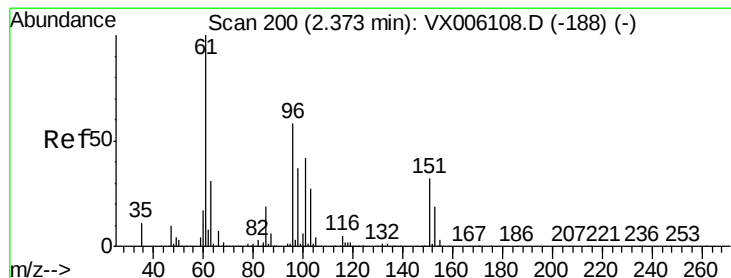
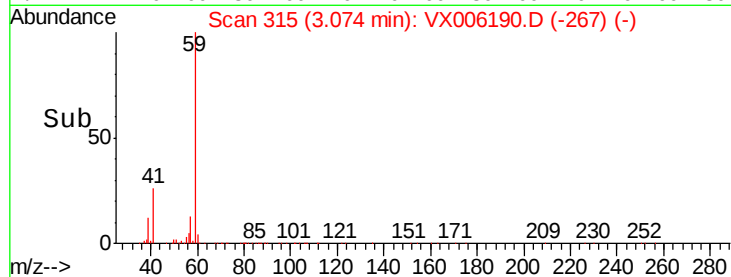
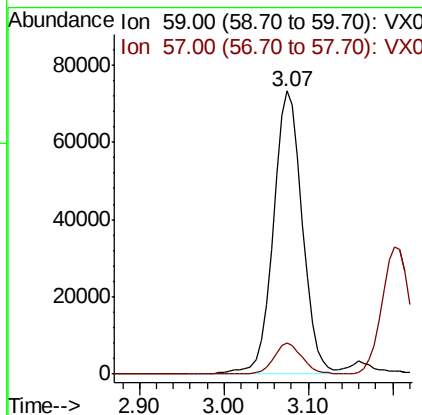
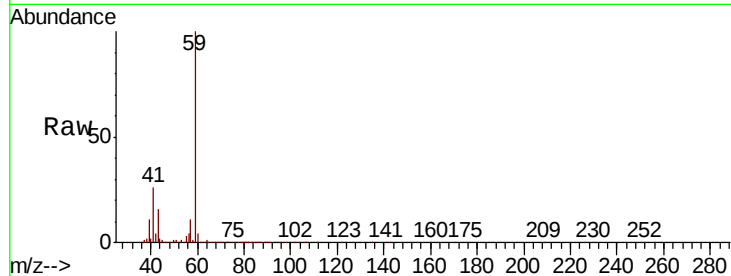


#11

Tert butyl alcohol
 Concen: 256.700 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

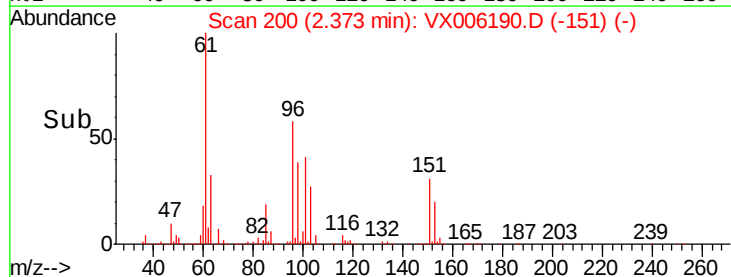
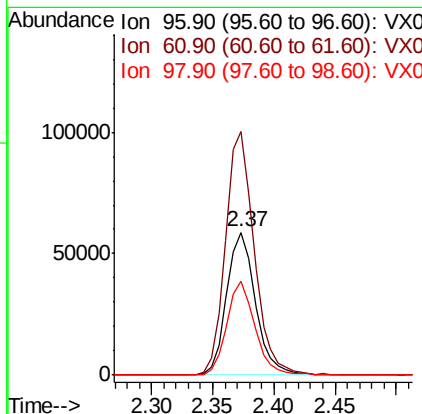
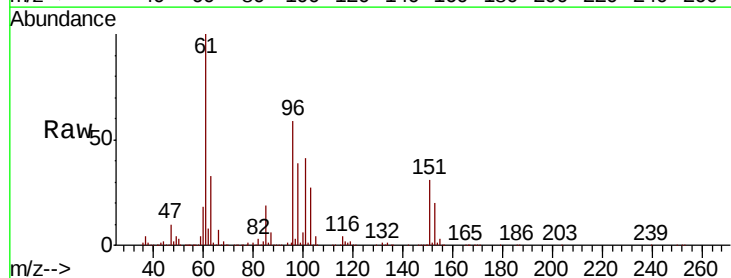
Tot Ion: 59 Resp: 174399
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.7 13.1

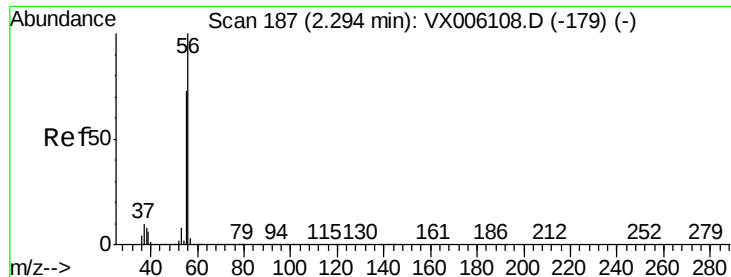


#12

1,1-Dichloroethene
 Concen: 47.944 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion: 96 Resp: 95416
 Ion Ratio Lower Upper
 96 100
 61 170.6 138.2 207.4
 98 65.9 51.3 76.9





#13

Acrolein

Concen: 252.143 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

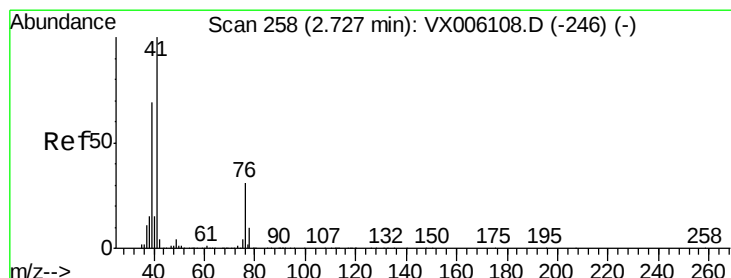
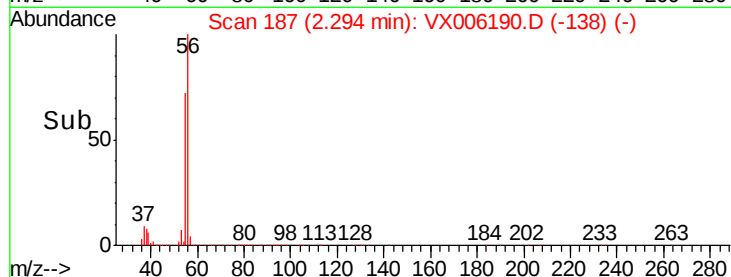
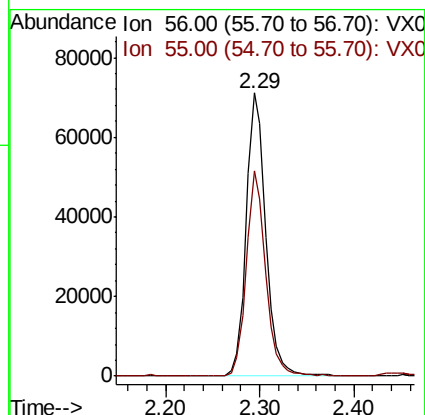
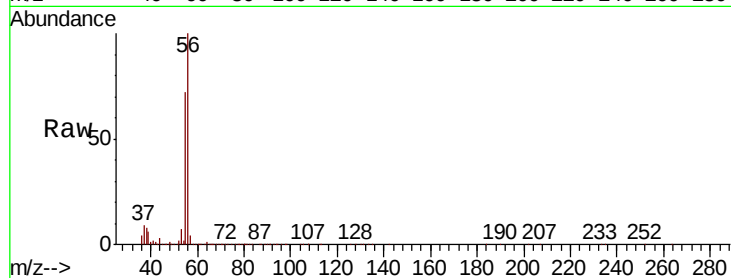
VSTDCCC050

Tot Ion: 56 Resp: 102506

Ion Ratio Lower Upper

56 100

55 72.5 57.8 86.6



#14

Allyl chloride

Concen: 60.932 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

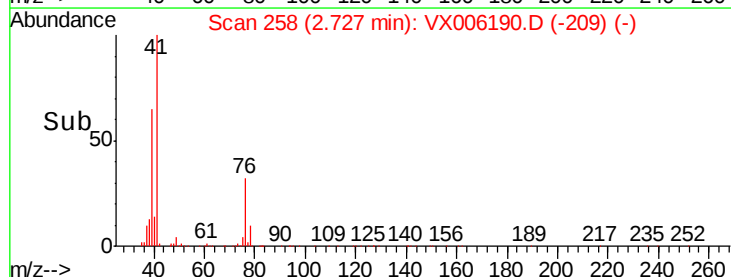
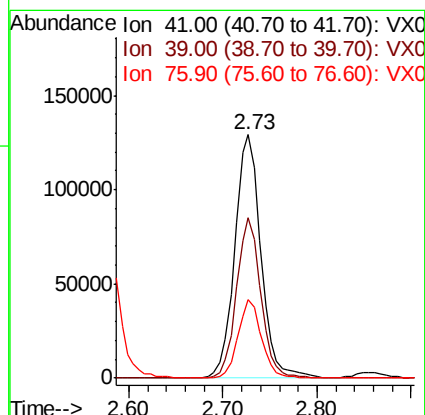
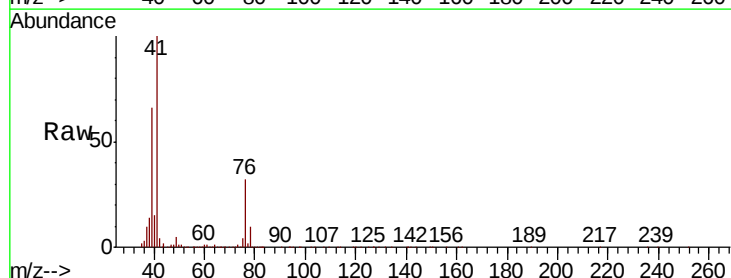
Tgt Ion: 41 Resp: 248096

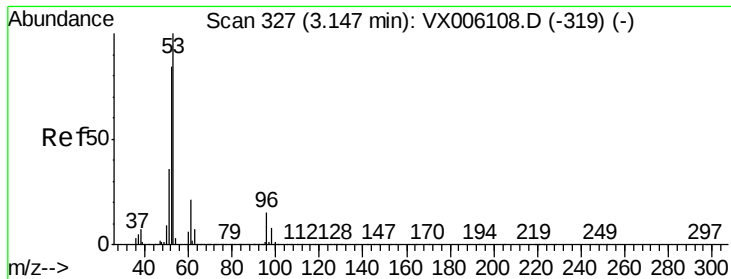
Ion Ratio Lower Upper

41 100

39 61.2 52.5 78.7

76 28.9 23.4 35.2





#15

Acrylonitrile

Concen: 250.103 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

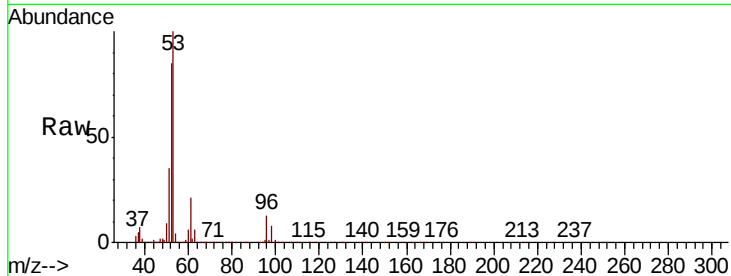
Tot Ion: 53 Resp: 375307

Ion Ratio Lower Upper

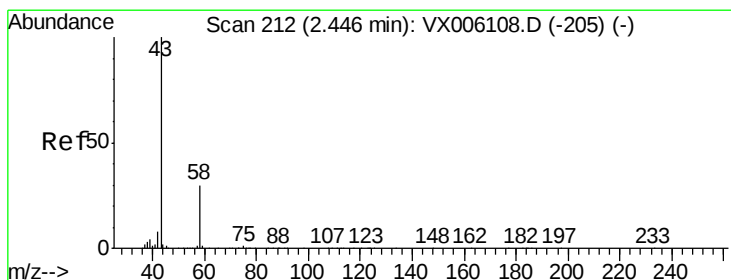
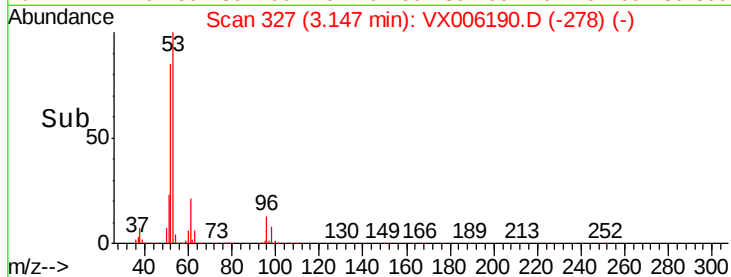
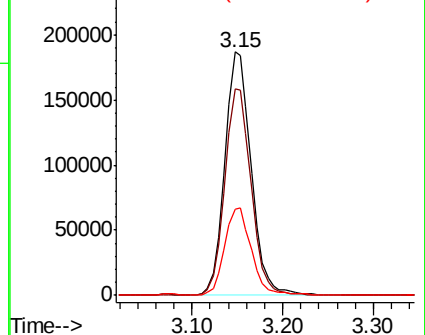
53 100

52 85.1 66.4 99.6

51 36.7 29.4 44.0



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: 307.055 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006190.D

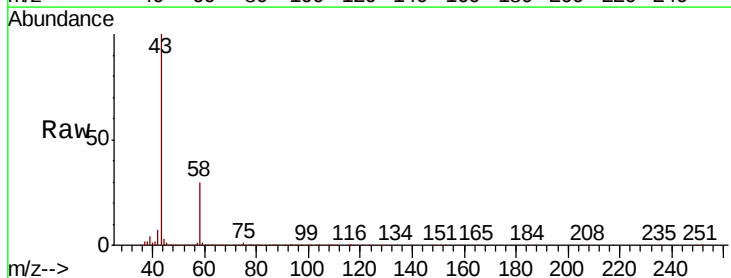
Acq: 26 Nov 2018 22:17

Tgt Ion: 43 Resp: 435157

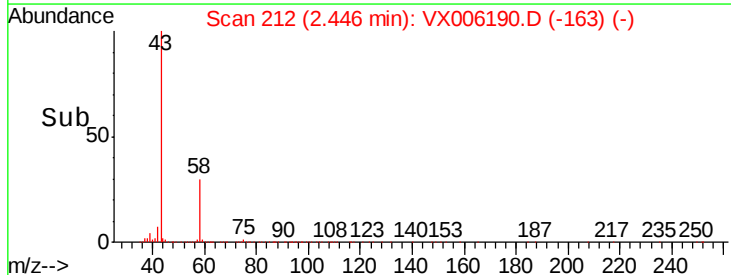
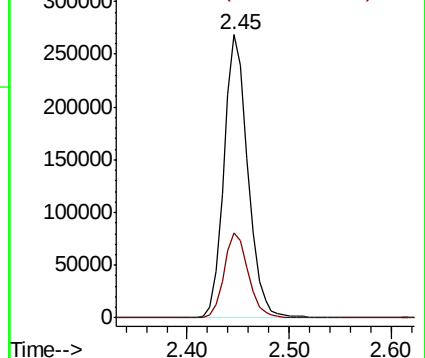
Ion Ratio Lower Upper

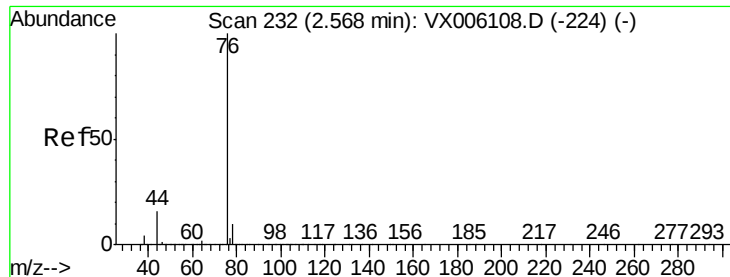
43 100

58 30.0 23.8 35.8



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





#17

Carbon Disulfide

Concen: 63.444 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

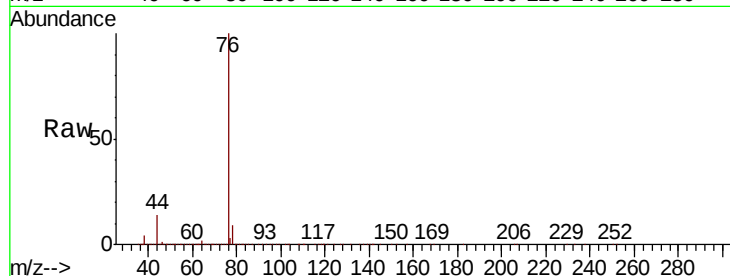
VSTDCCC050

Tot Ion: 76 Resp: 340932

Ion Ratio Lower Upper

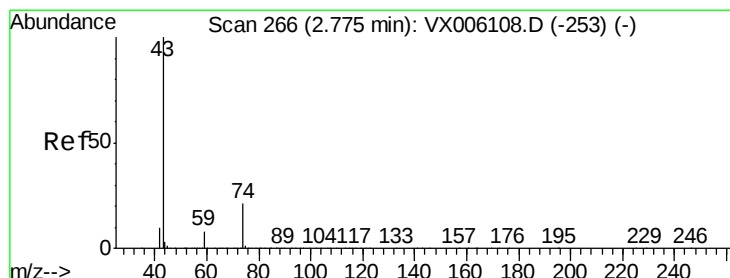
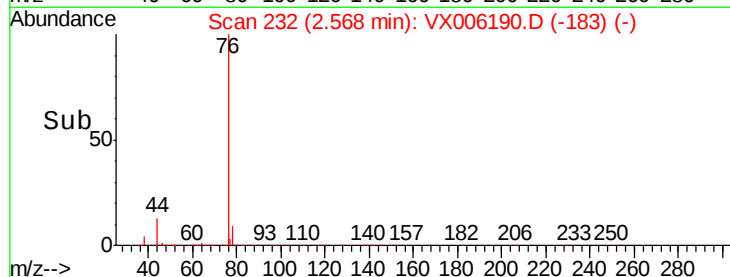
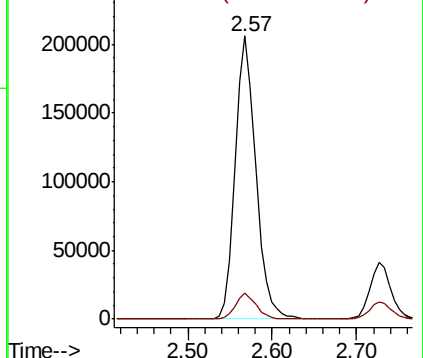
76 100

78 9.0 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 67.083 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006190.D

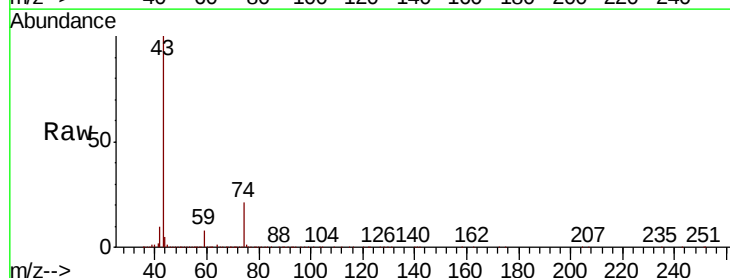
Acq: 26 Nov 2018 22:17

Tgt Ion: 43 Resp: 243800

Ion Ratio Lower Upper

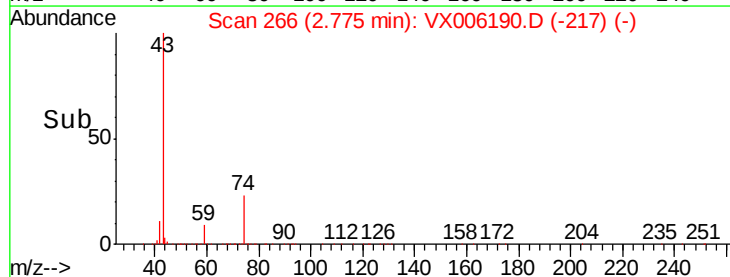
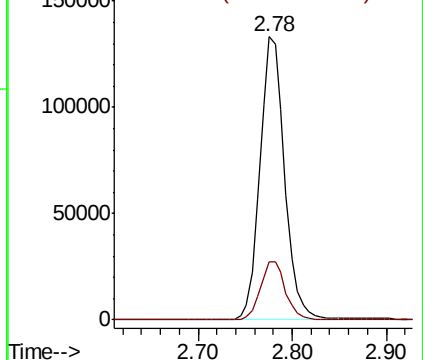
43 100

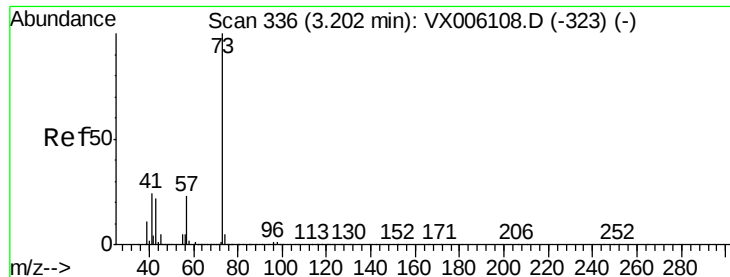
74 21.5 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

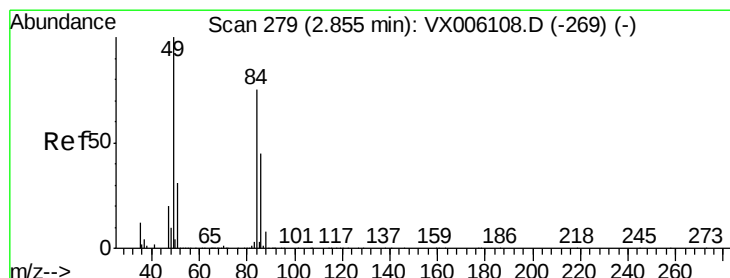
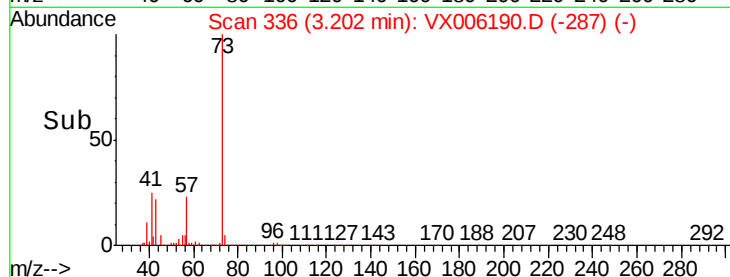
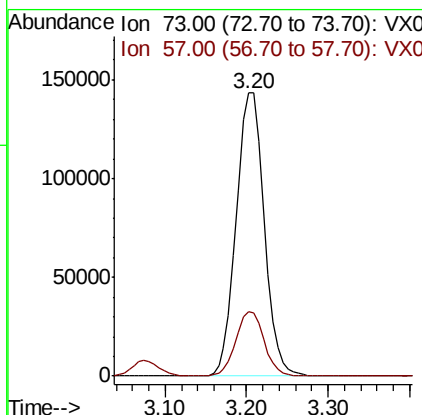
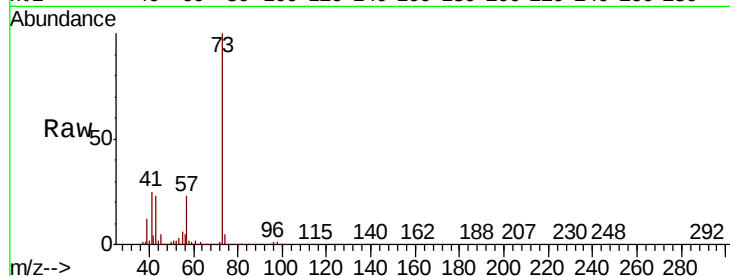




#19
Methyl tert-butyl Ether
Concen: 49.530 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

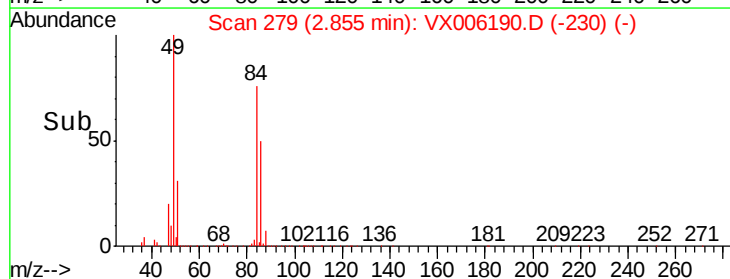
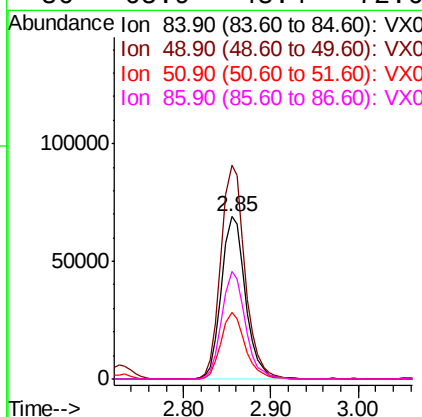
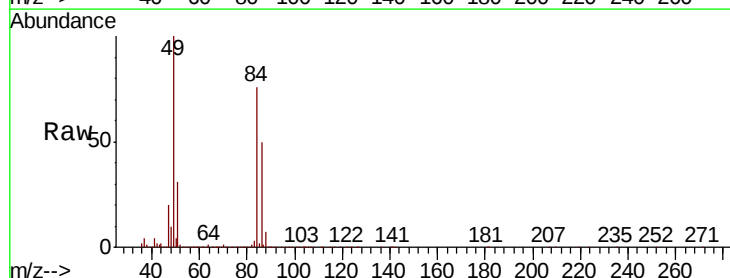
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

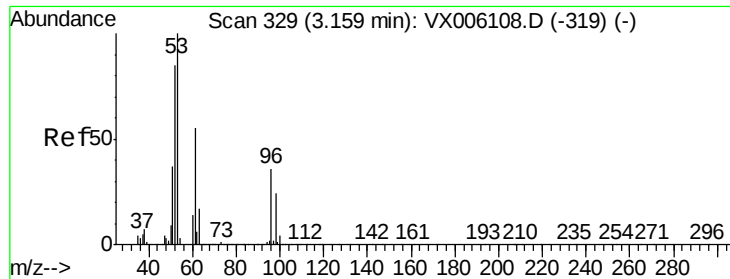
Tot Ion: 73 Resp: 340718
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 61.776 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion: 84 Resp: 132337
Ion Ratio Lower Upper
84 100
49 131.4 106.6 159.8
51 41.1 32.6 49.0
86 65.9 48.4 72.6

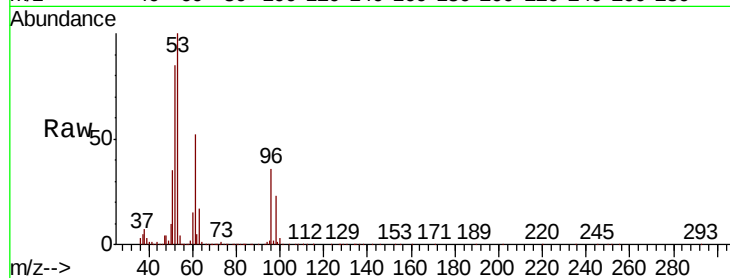




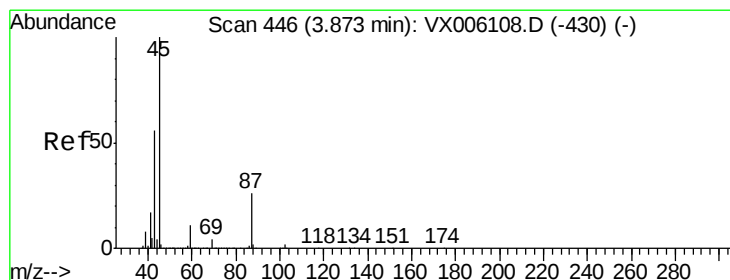
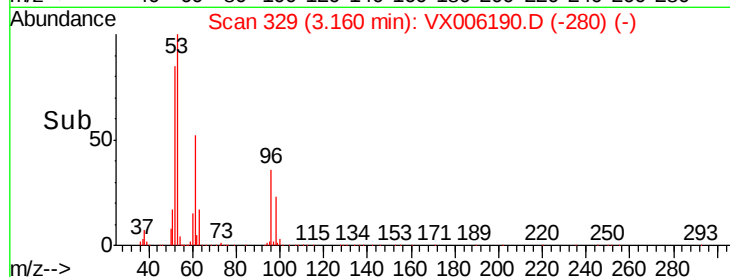
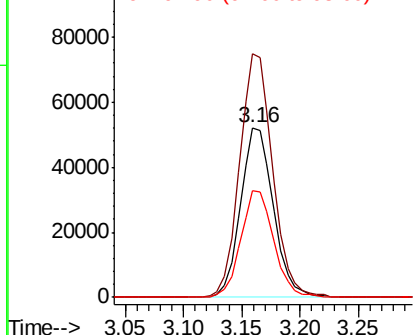
#21
trans-1,2-Dichloroethene
Concen: 49.362 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 102785
Ion Ratio Lower Upper
96 100
61 143.1 122.0 183.0
98 62.8 52.7 79.1

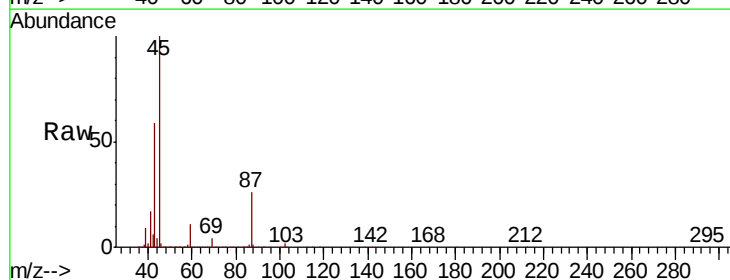


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

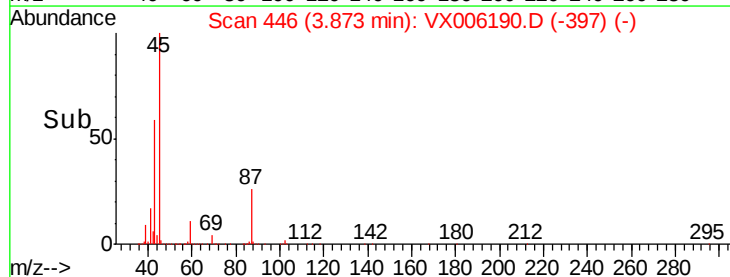
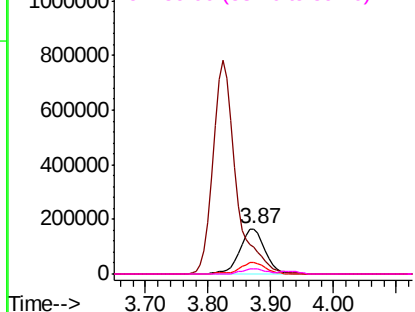


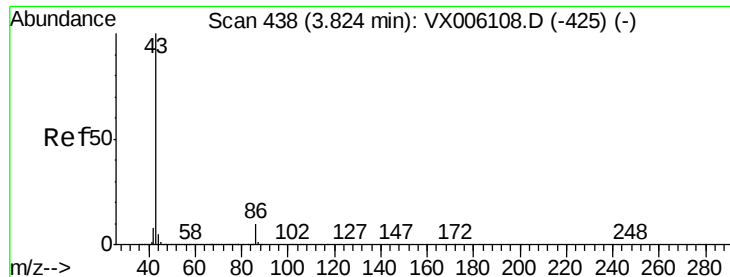
#22
Diisopropyl ether
Concen: 52.508 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion: 45 Resp: 457668
Ion Ratio Lower Upper
45 100
43 58.7 45.8 68.8
87 26.1 21.0 31.4
59 11.1 8.6 12.8



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: 273.997 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

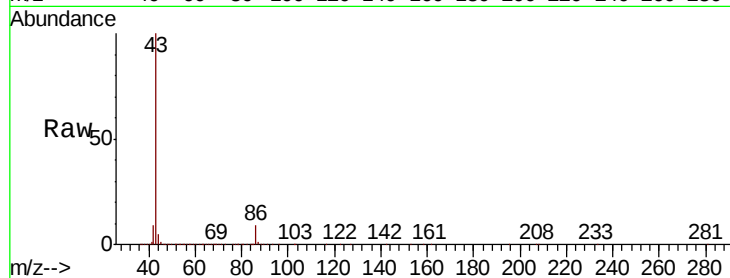
VSTDCCC050

Tot Ion: 43 Resp: 1981350

Ion Ratio Lower Upper

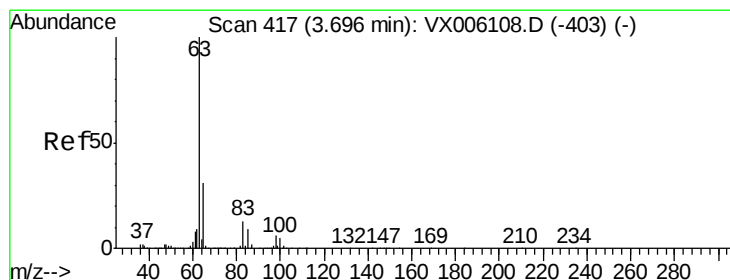
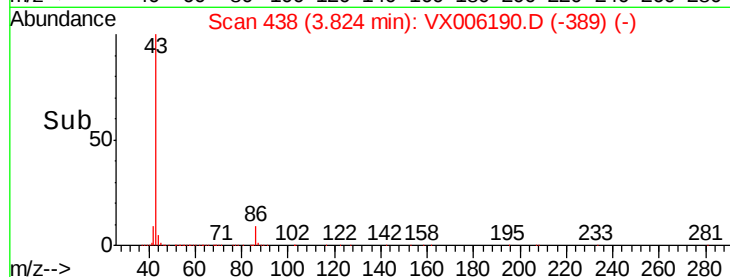
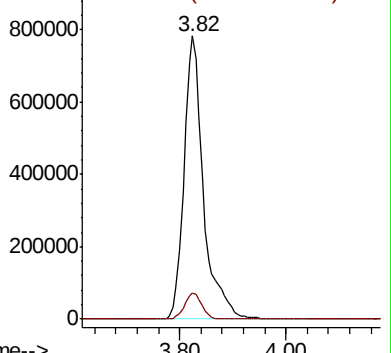
43 100

86 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.974 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

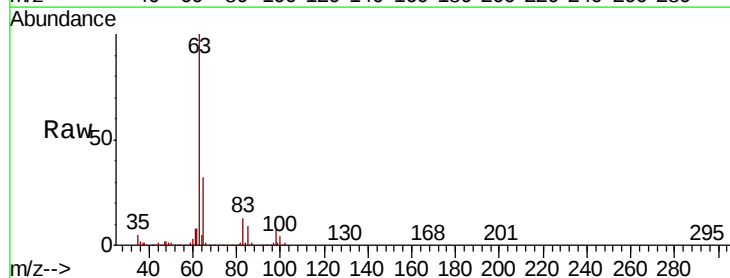
Tgt Ion: 63 Resp: 225743

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

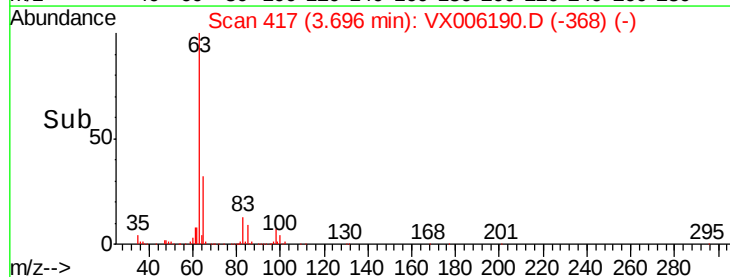
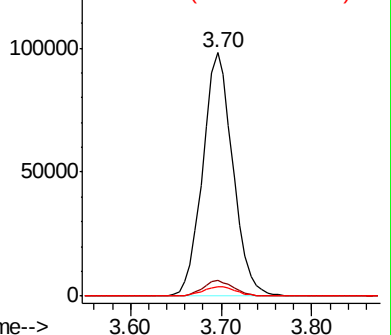
100 3.9 2.4 7.1

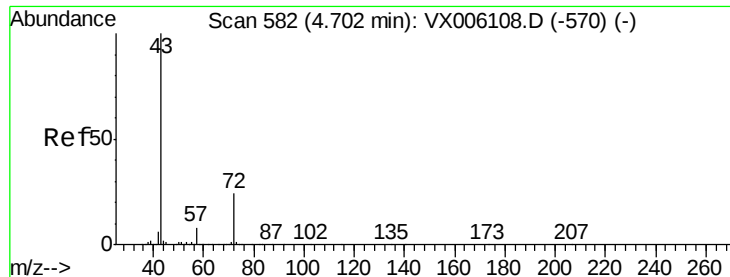


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.263 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampled :

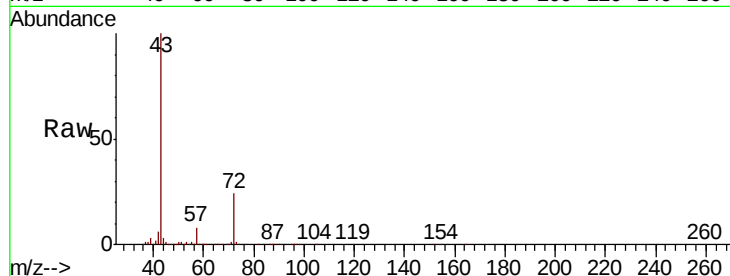
VSTDCCC050

Tot Ion: 43 Resp: 671472

Ion Ratio Lower Upper

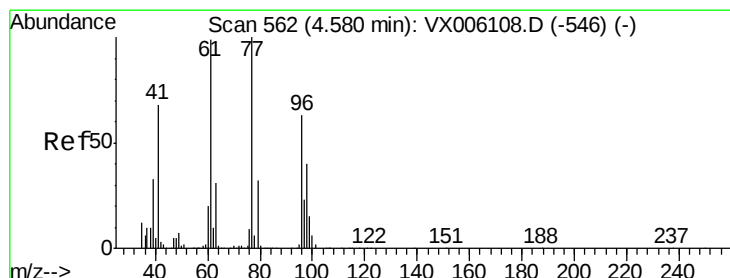
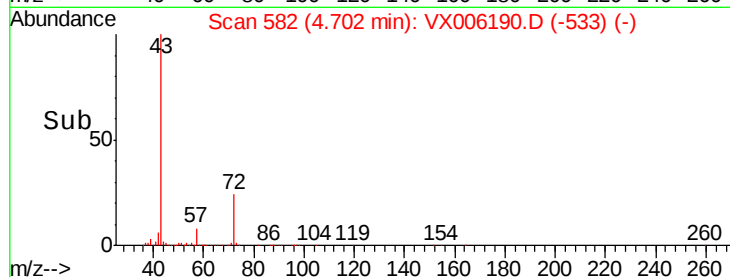
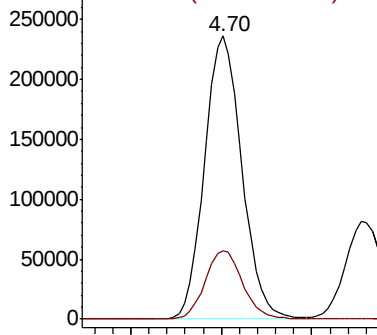
43 100

72 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.419 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006190.D

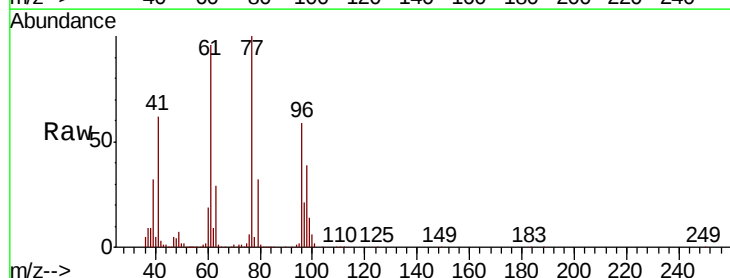
Acq: 26 Nov 2018 22:17

Tgt Ion: 77 Resp: 167257

Ion Ratio Lower Upper

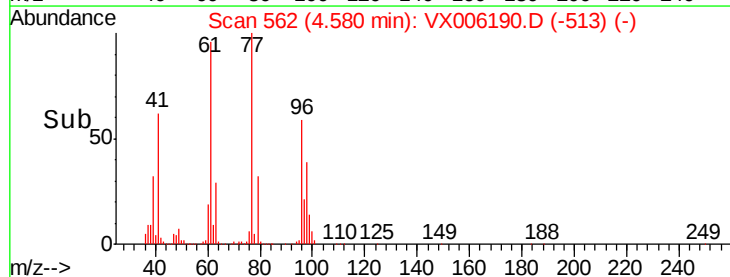
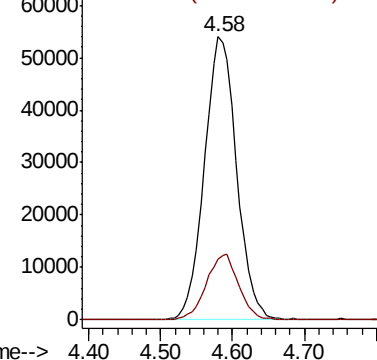
77 100

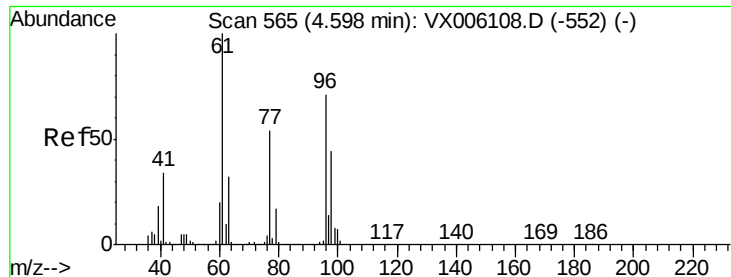
97 23.5 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



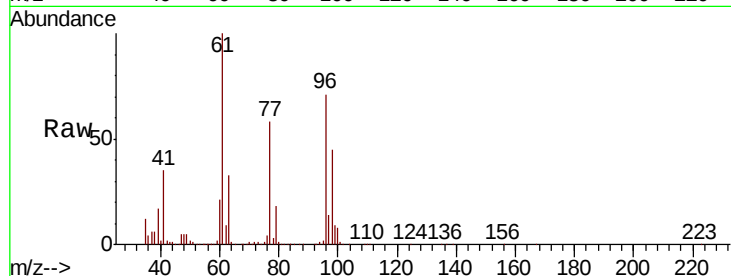


#27

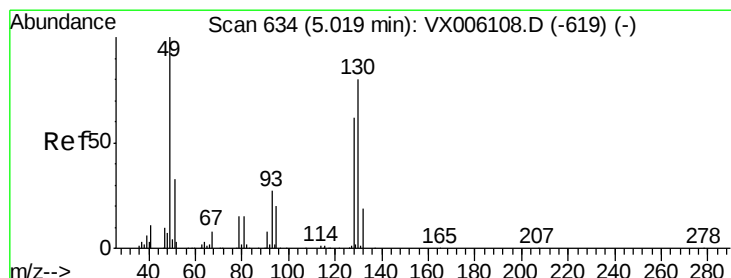
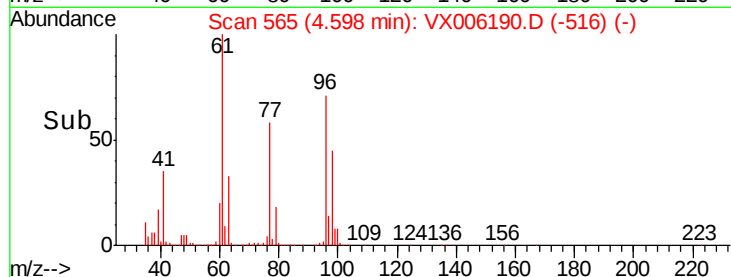
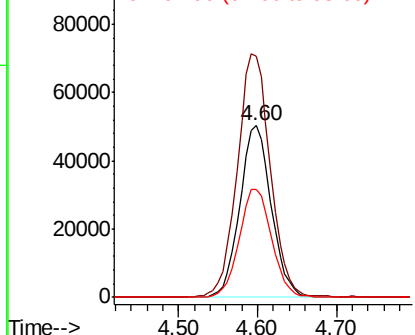
cis-1,2-Dichloroethene
Concen: 47.950 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	291.6
98	65.1	0.0	128.2



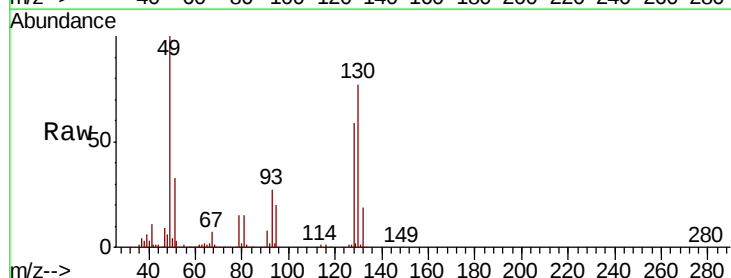
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



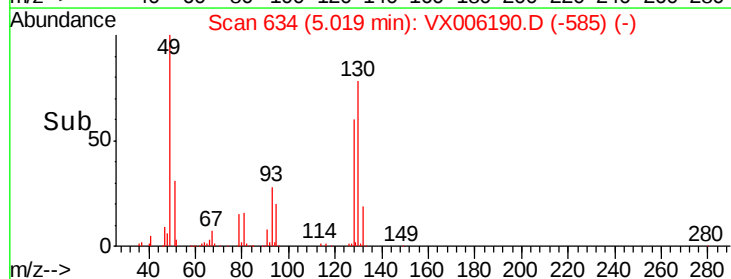
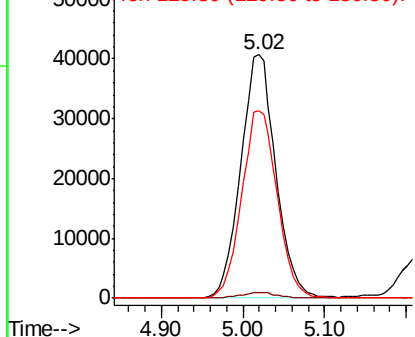
#28

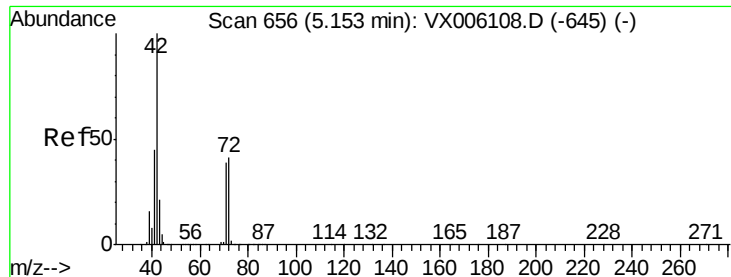
Bromochloromethane
Concen: 50.474 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	78.2	61.6	92.4



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: 265.916 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

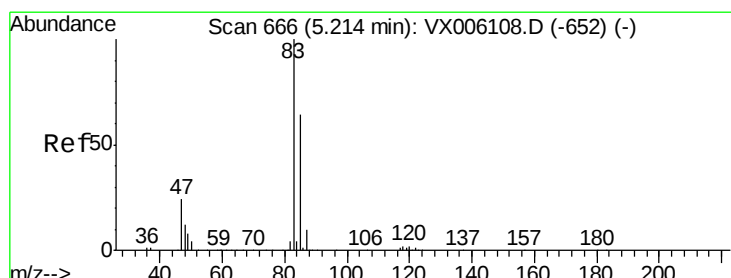
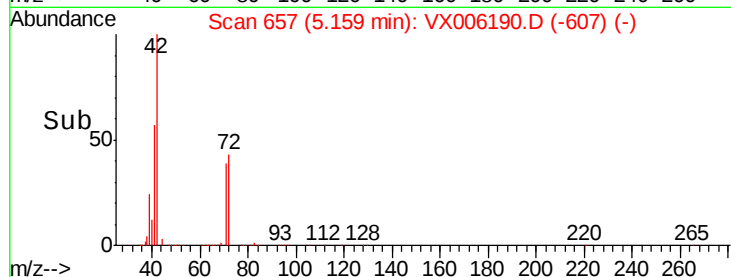
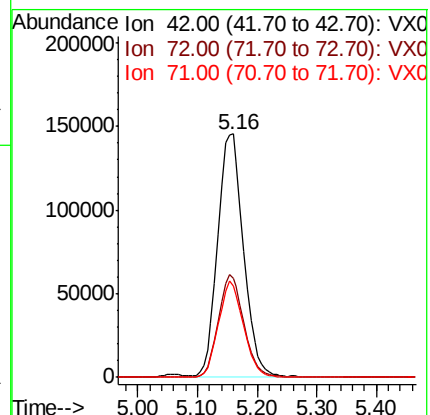
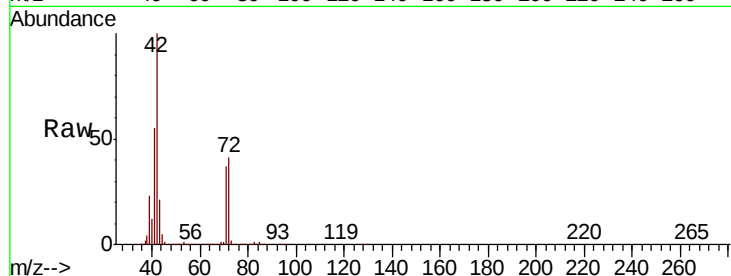
Tot Ion: 42 Resp: 436356

Ion Ratio Lower Upper

42 100

72 41.6 33.0 49.6

71 38.6 31.0 46.4



#30

Chloroform

Concen: 49.610 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006190.D

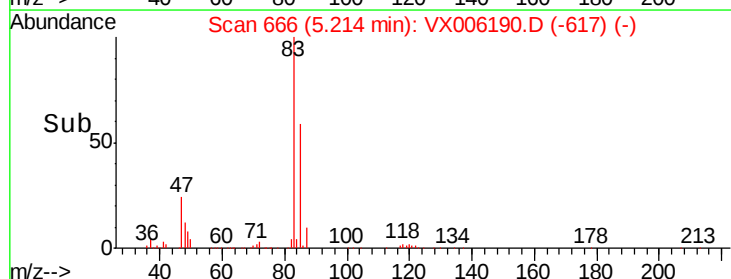
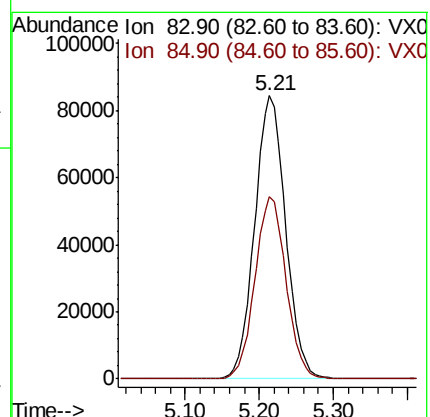
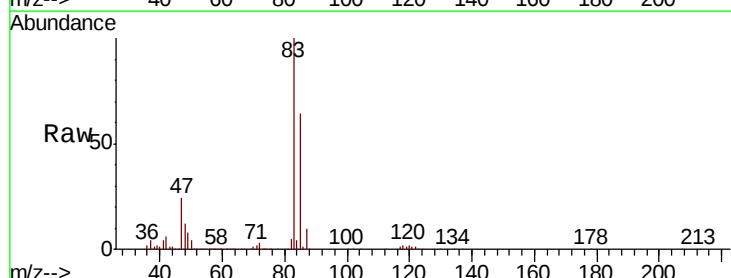
Acq: 26 Nov 2018 22:17

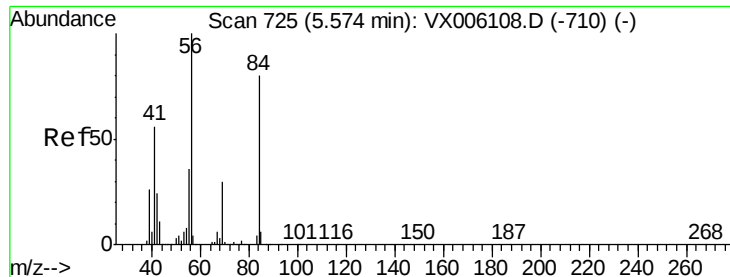
Tgt Ion: 83 Resp: 246870

Ion Ratio Lower Upper

83 100

85 64.5 51.0 76.4

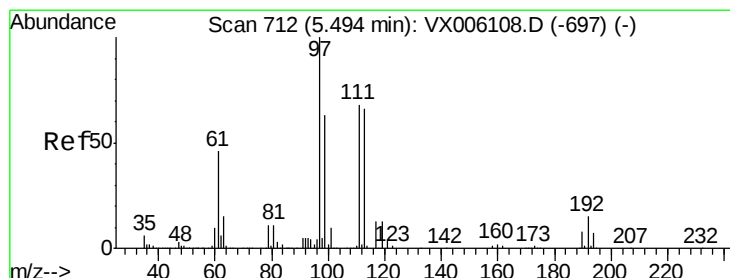
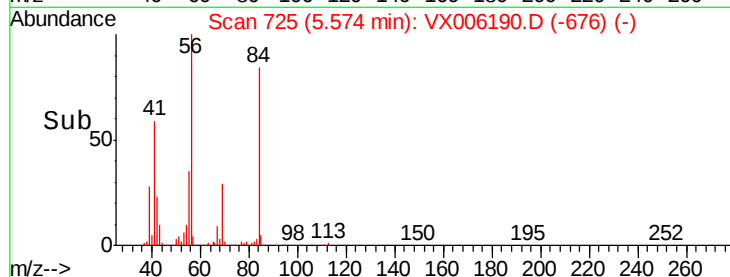
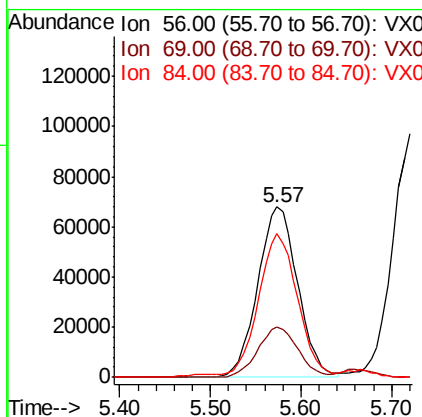
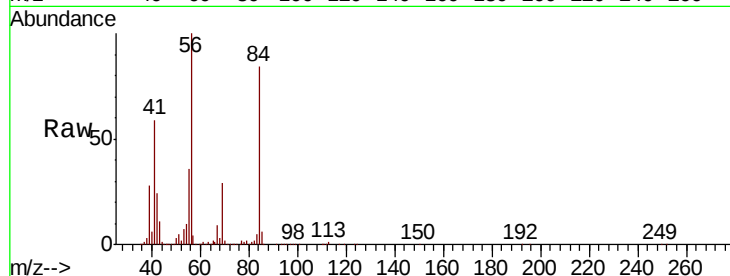




#31
Cyclohexane
Concen: 48.054 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

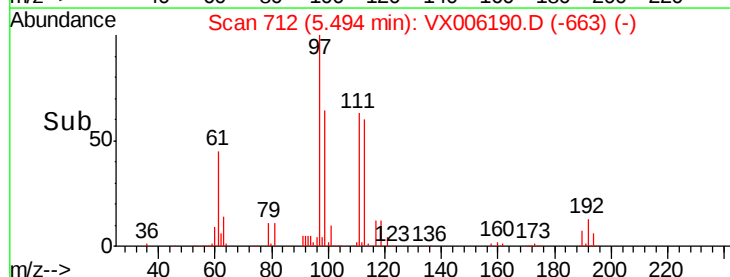
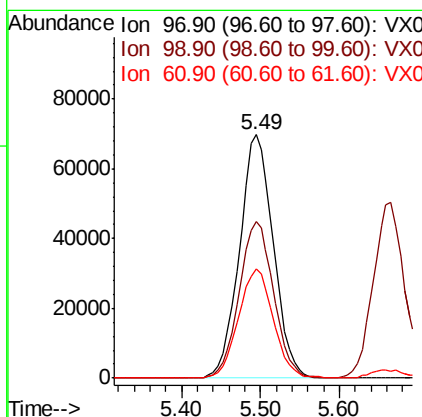
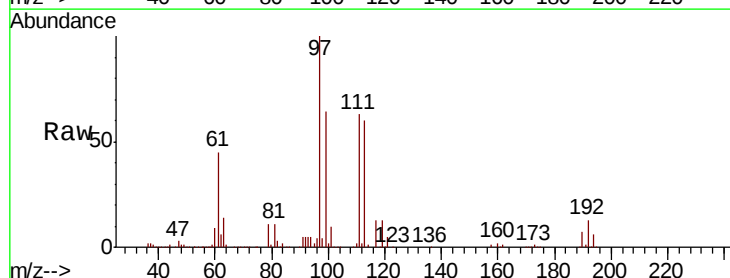
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

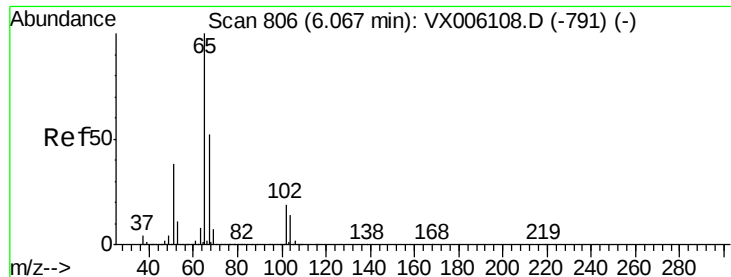
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.9	35.9
84	83.2	63.6	95.4



#32
1,1,1-Trichloroethane
Concen: 51.873 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	46.2	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 52.061 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

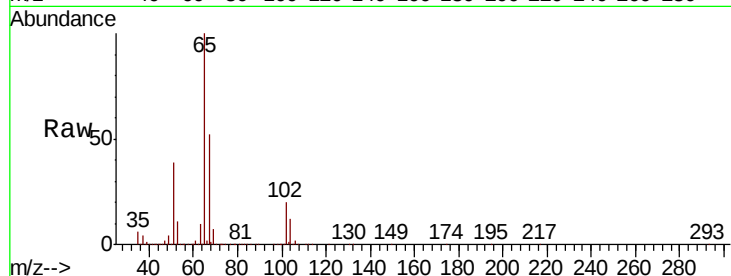
VSTDCCC050

Tot Ion: 65 Resp: 166267

Ion Ratio Lower Upper

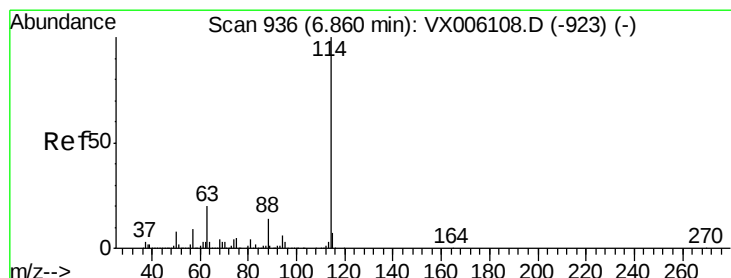
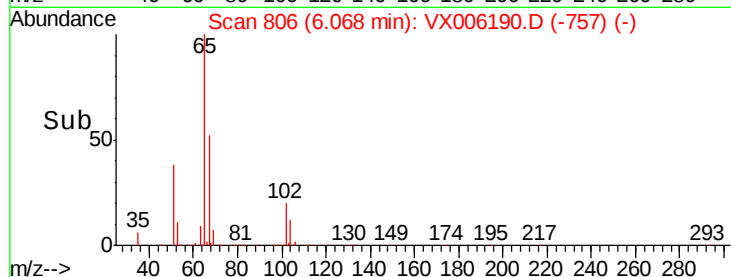
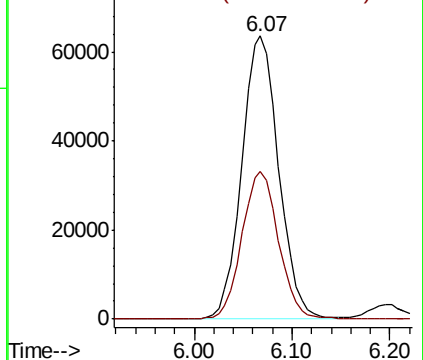
65 100

67 52.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

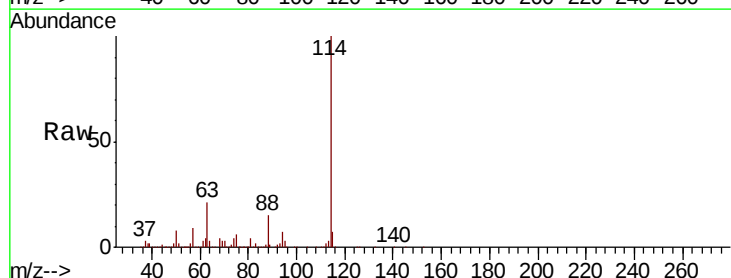
Tgt Ion: 114 Resp: 394657

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.2

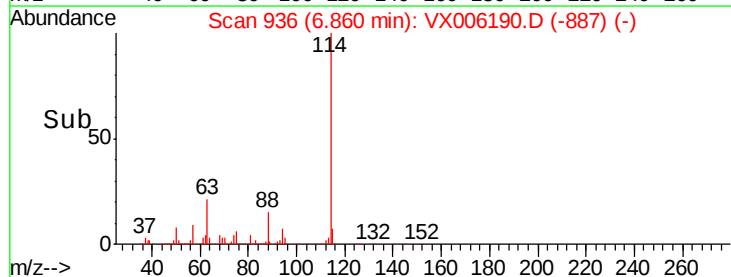
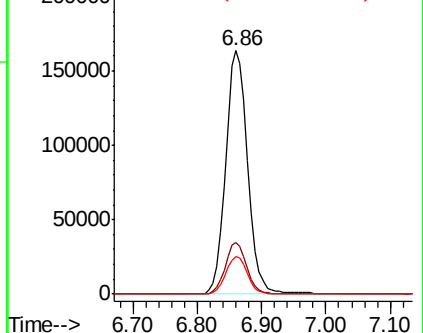
88 15.3 0.0 28.6

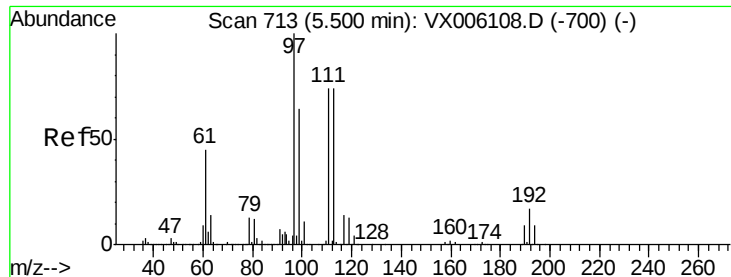


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

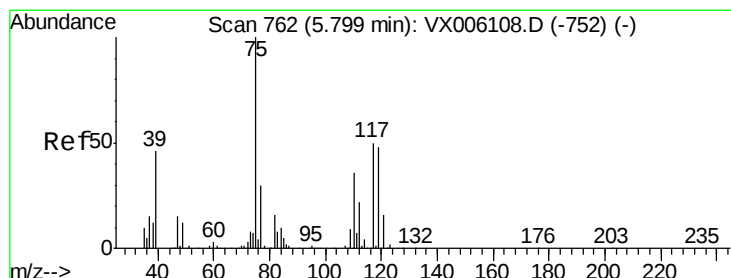
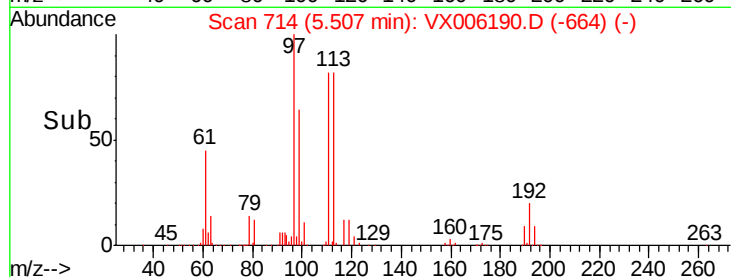
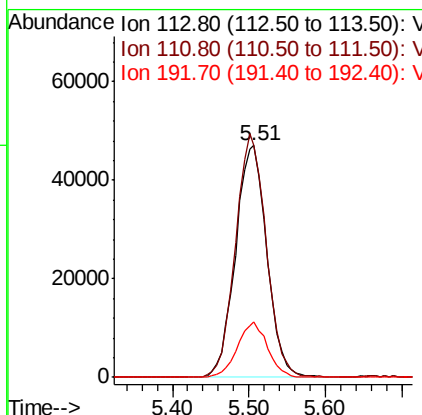
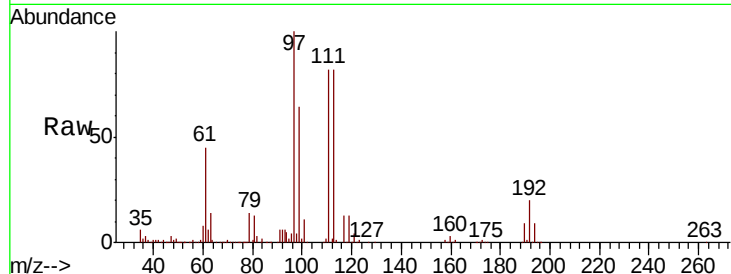




#35
 Dibromofluoromethane
 Concen: 52.857 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

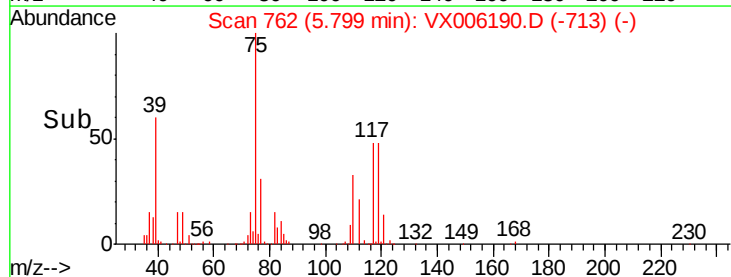
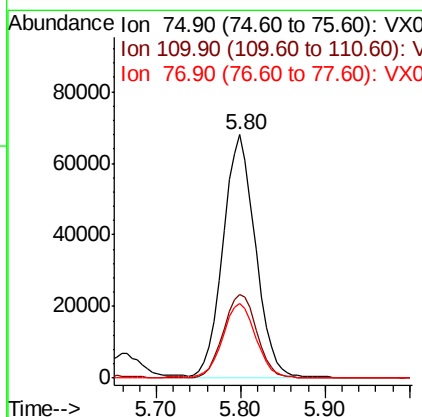
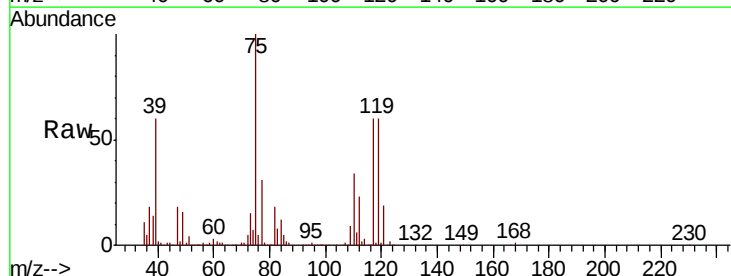
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

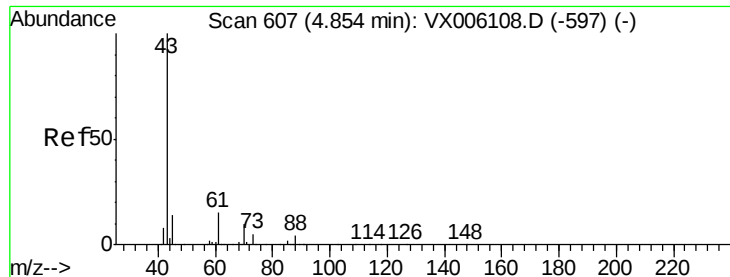
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	22.9	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 49.417 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.3
77	31.3	24.5	36.7

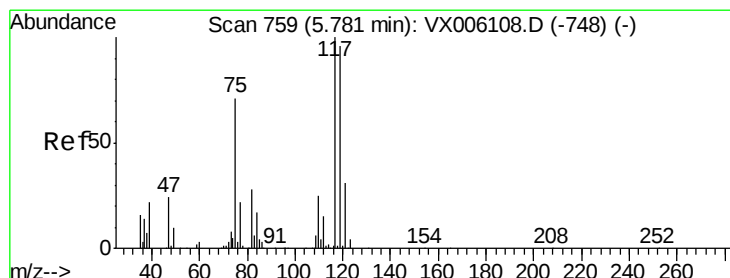
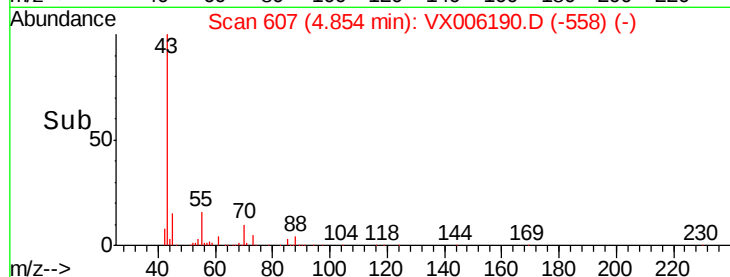
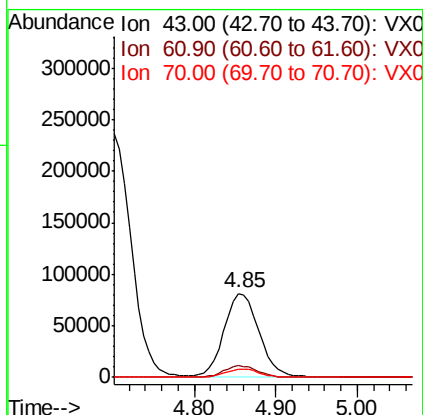
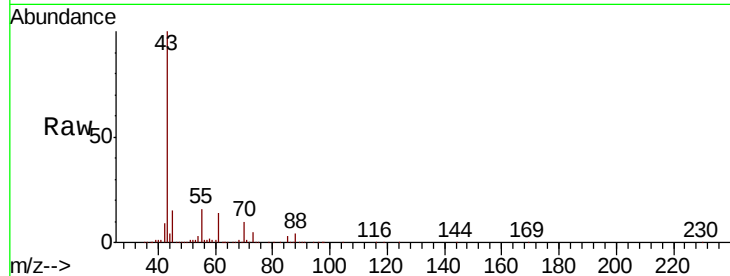




#37
Ethyl Acetate
Concen: 51.977 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

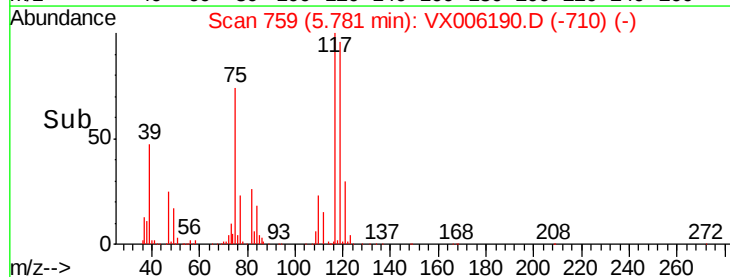
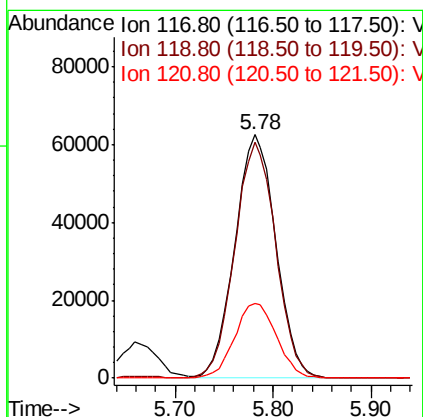
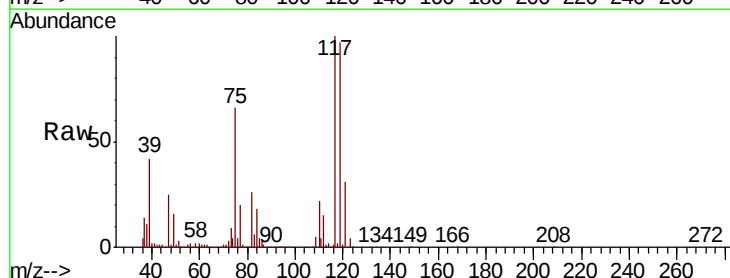
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

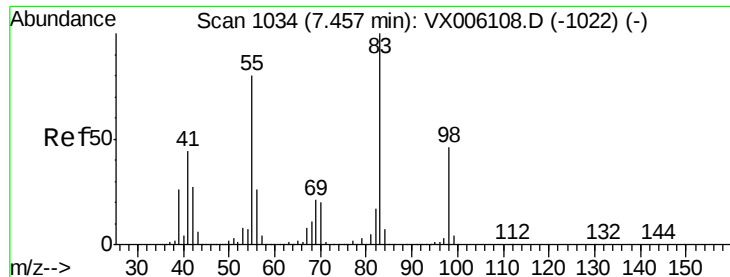
Tot Ion: 43 Resp: 240099
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 53.833 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion: 117 Resp: 181672
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5
121 30.7 24.7 37.1





#39

Methvlcvclohexane

Concen: 49.516 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

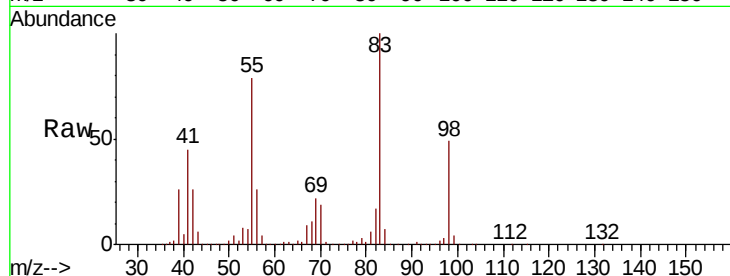
Tot Ion: 83 Resp: 202540

Ion Ratio Lower Upper

83 100

55 79.4 63.9 95.9

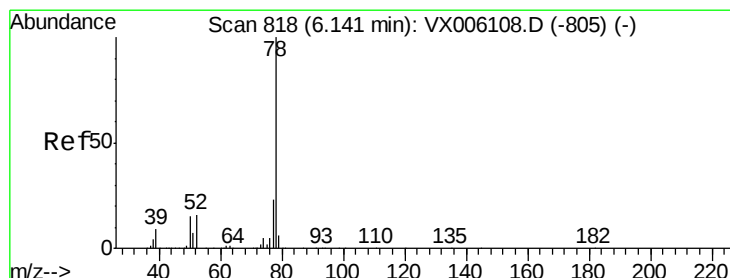
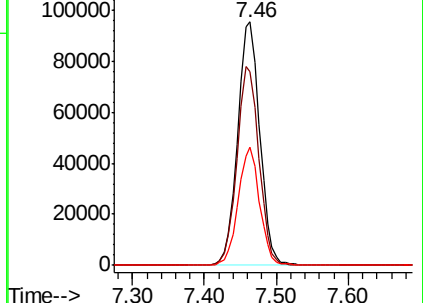
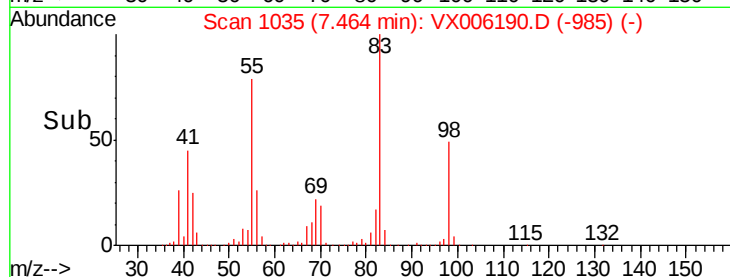
98 48.6 36.8 55.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 50.832 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX006190.D

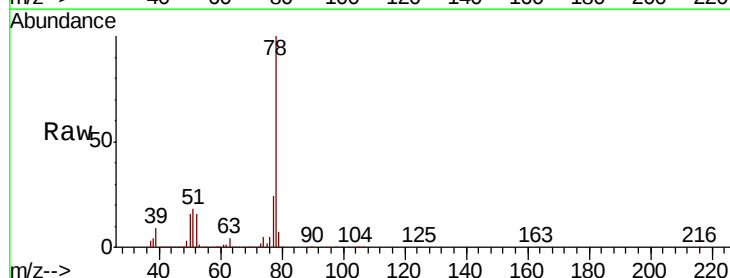
Acq: 26 Nov 2018 22:17

Tgt Ion: 78 Resp: 537695

Ion Ratio Lower Upper

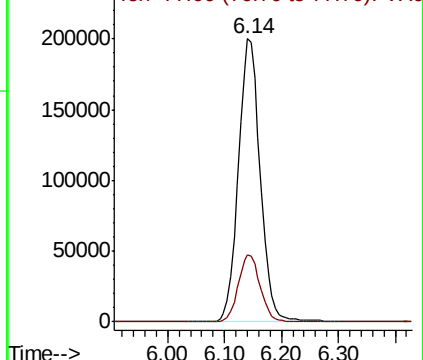
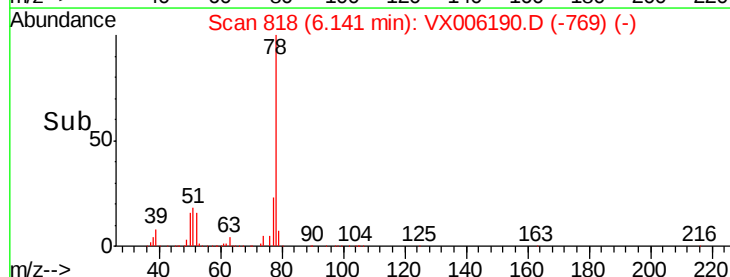
78 100

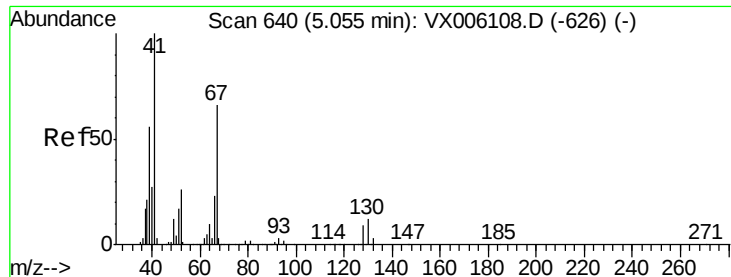
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

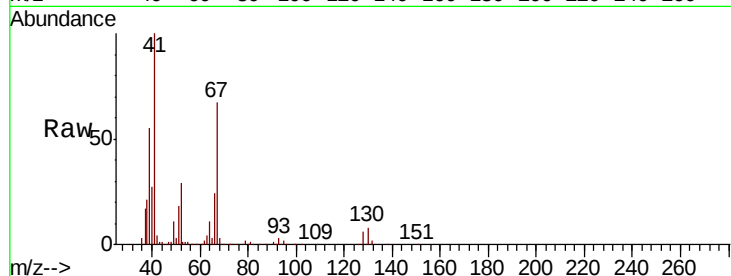




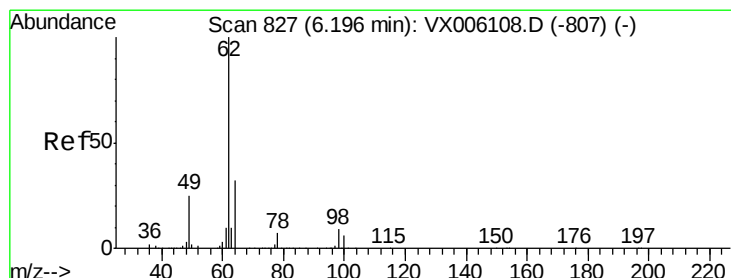
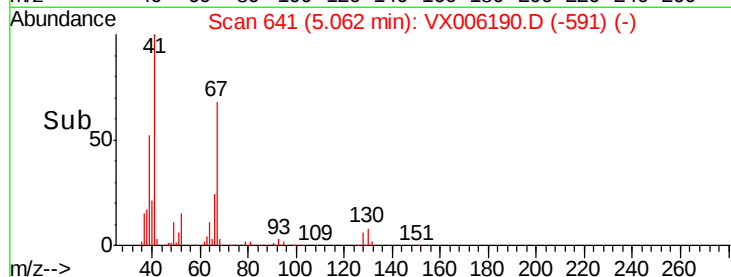
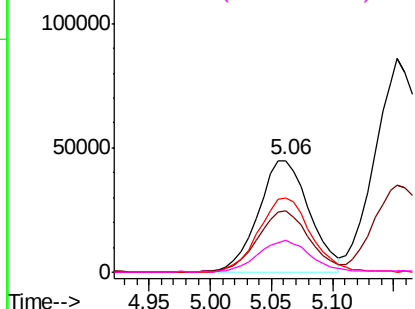
#41
Methacrylonitrile
Concen: 51.219 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	130384
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.1	66.1
67	68.8	54.1	81.1
52	28.5	21.7	32.5

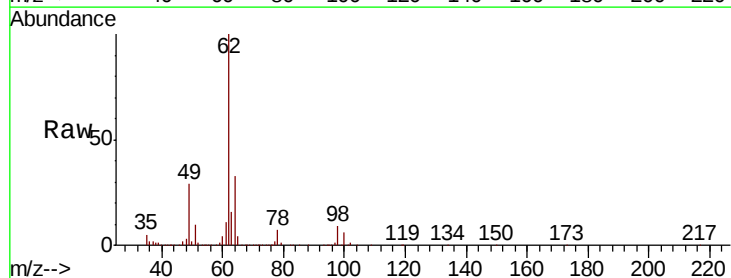


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

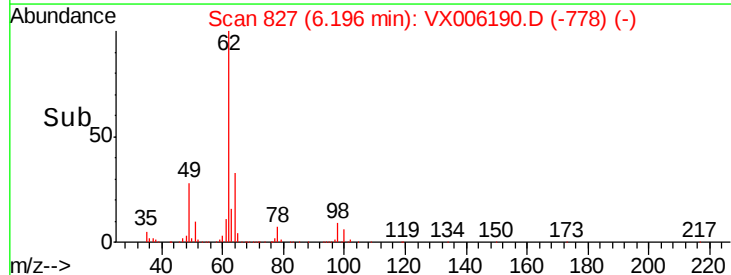
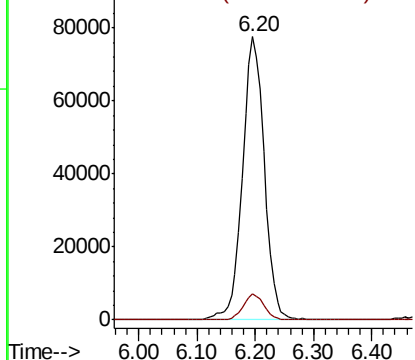


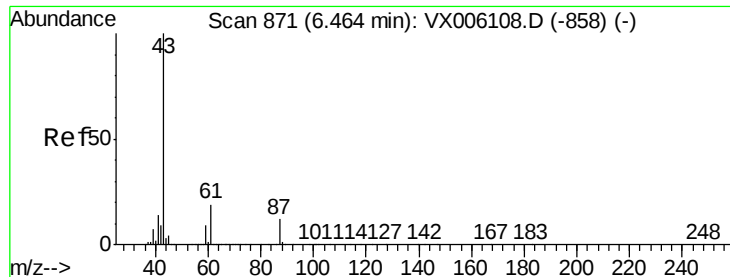
#42
1,2-Dichloroethane
Concen: 51.038 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion:	62	Resp:	201841
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 53.292 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

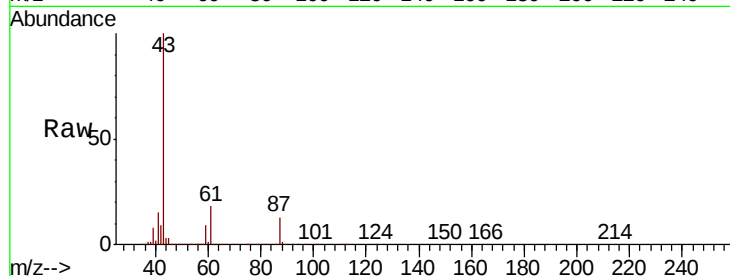
Tot Ion: 43 Resp: 355512

Ion Ratio Lower Upper

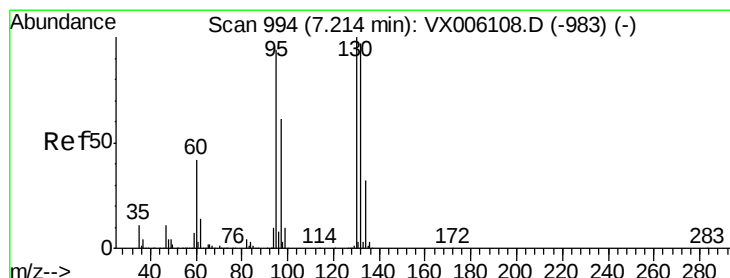
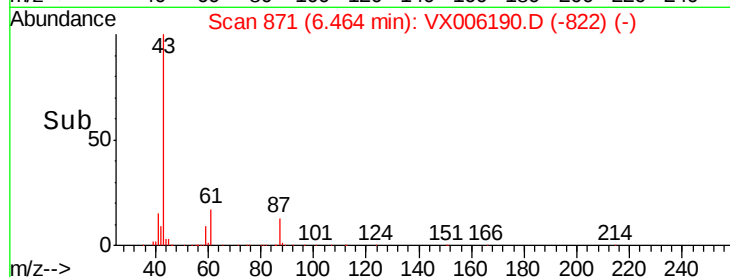
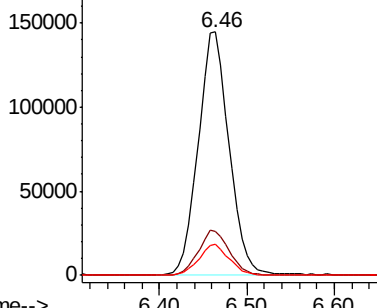
43 100

61 18.7 15.2 22.8

87 12.5 9.6 14.4



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



#44

Trichloroethene

Concen: 49.658 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006190.D

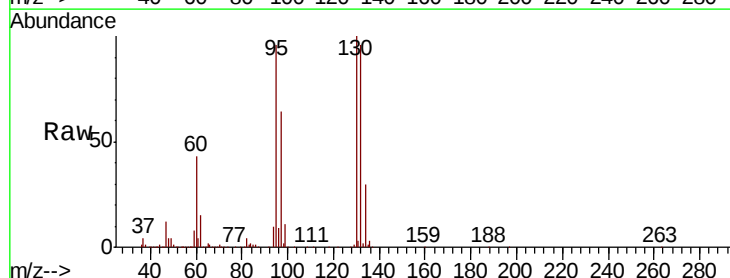
Acq: 26 Nov 2018 22:17

Tgt Ion:130 Resp: 145995

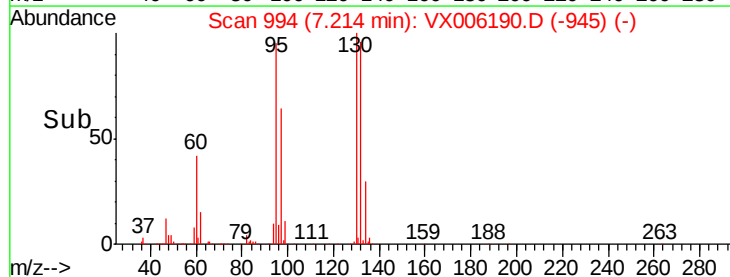
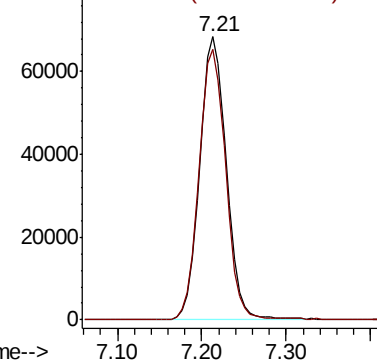
Ion Ratio Lower Upper

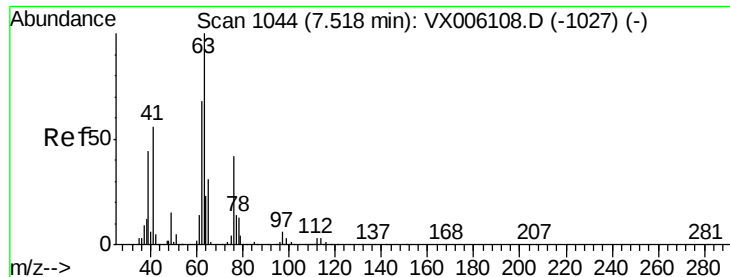
130 100

95 95.7 0.0 188.8



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

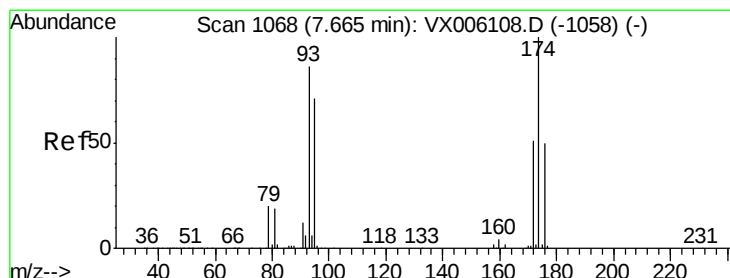
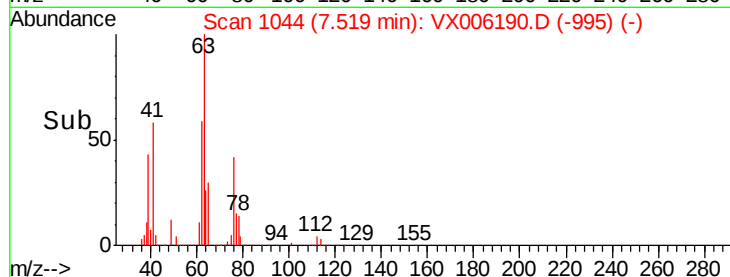
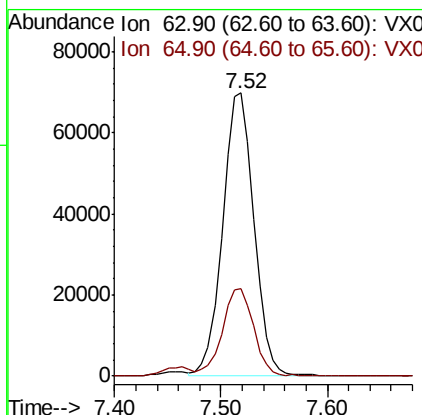
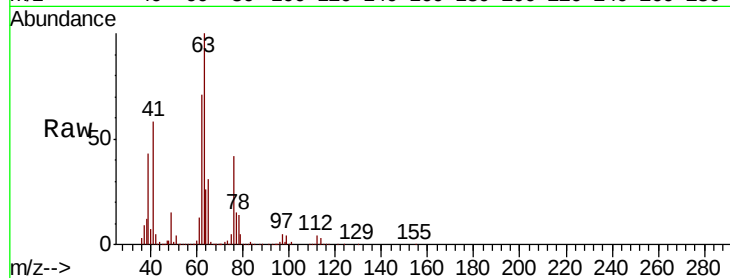




#45
 1,2-Dichloropropane
 Concen: 51.041 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

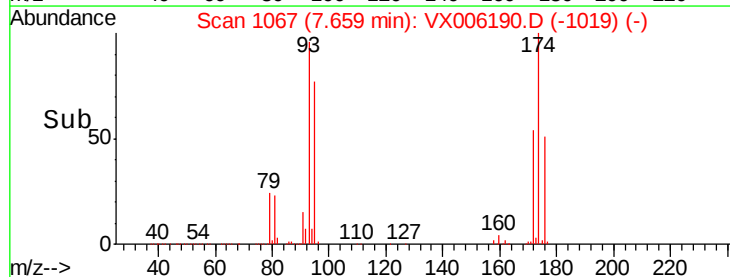
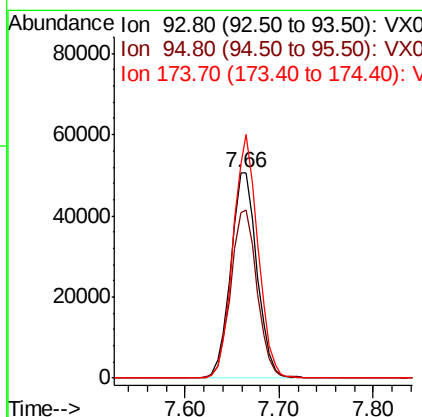
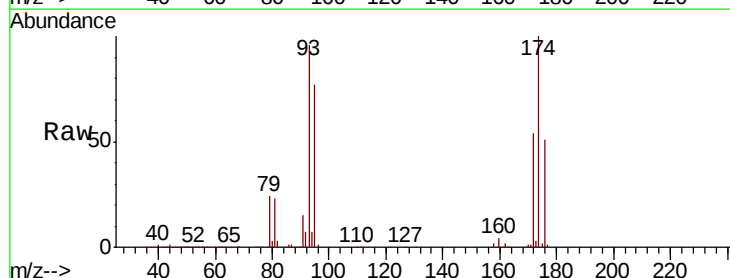
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

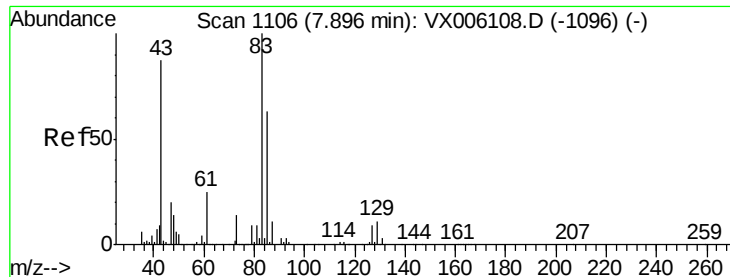
Tot Ion: 63 Resp: 142885
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.8 37.2



#46
 Dibromomethane
 Concen: 51.155 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion: 93 Resp: 98071
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.3 99.5
 174 112.1 91.0 136.6





#47

Bromodichloromethane

Concen: 53.656 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

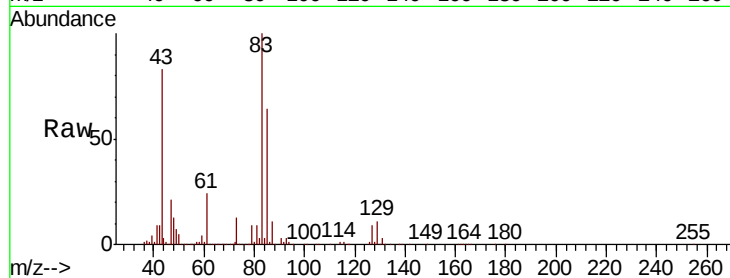
Tot Ion: 83 Resp: 190252

Ion Ratio Lower Upper

83 100

85 64.3 50.4 75.6

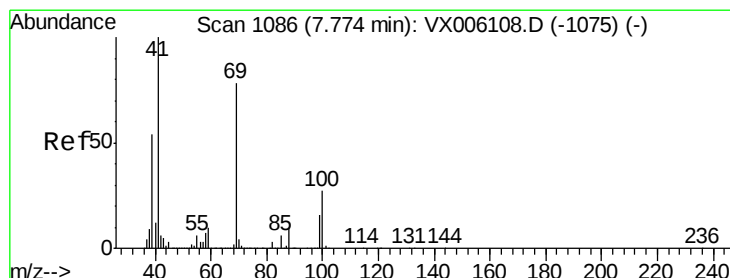
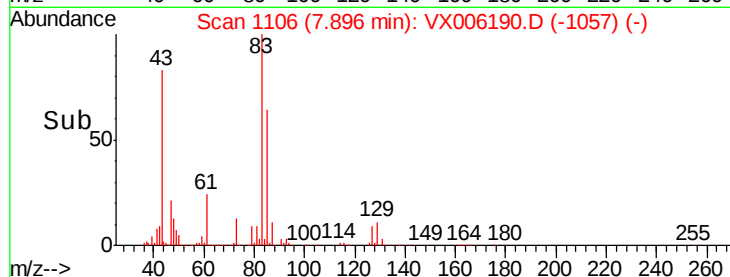
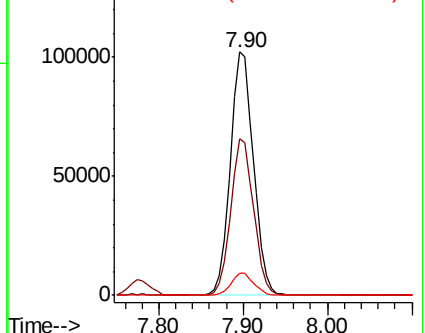
127 9.2 7.0 10.4



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: 56.581 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

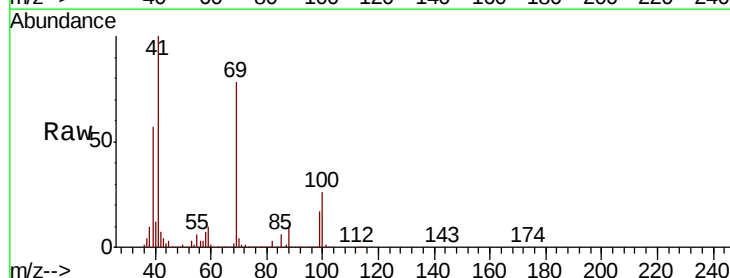
Tgt Ion: 41 Resp: 191428

Ion Ratio Lower Upper

41 100

69 78.1 62.8 94.2

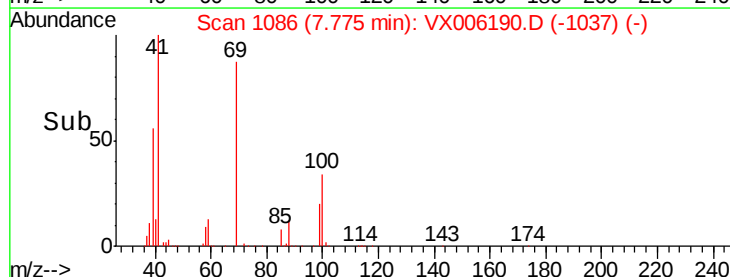
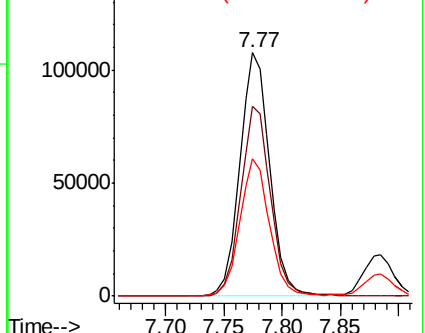
39 55.6 43.8 65.6

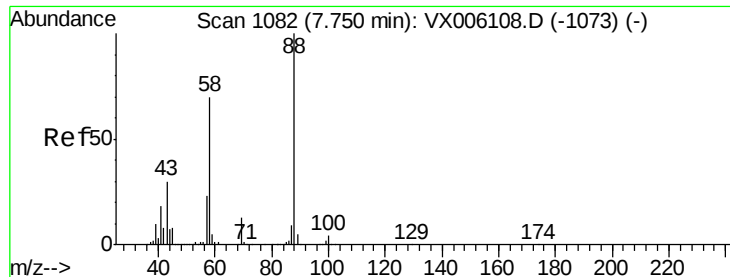


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



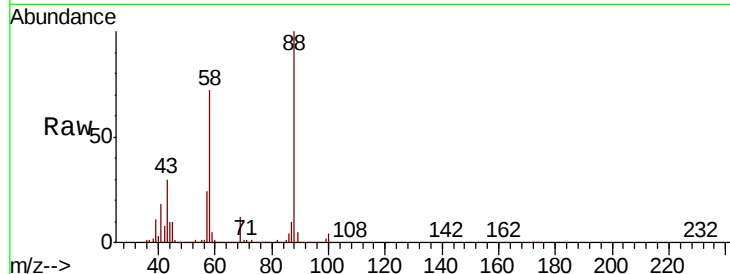


#49
 1,4-Dioxane
 Concen: 1026.307 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

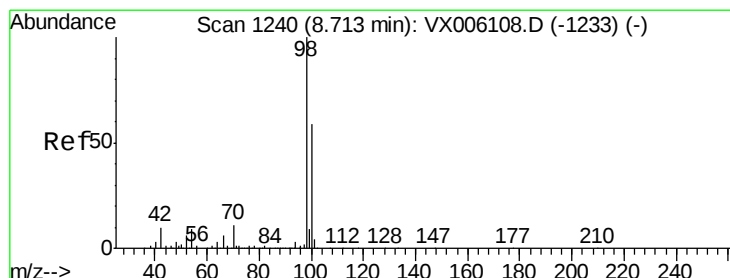
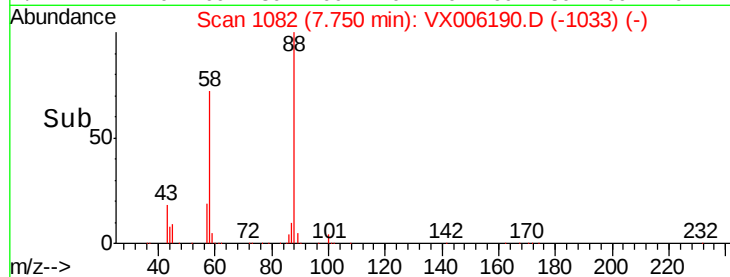
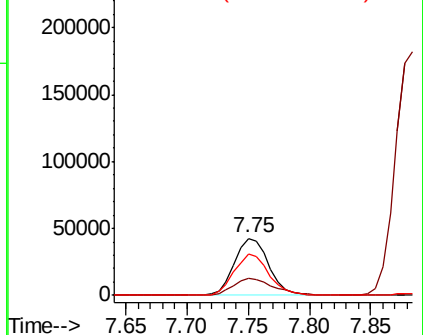
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 82379

Ion	Ratio	Lower	Upper
88	100		
43	35.1	26.7	40.1
58	73.5	58.5	87.7



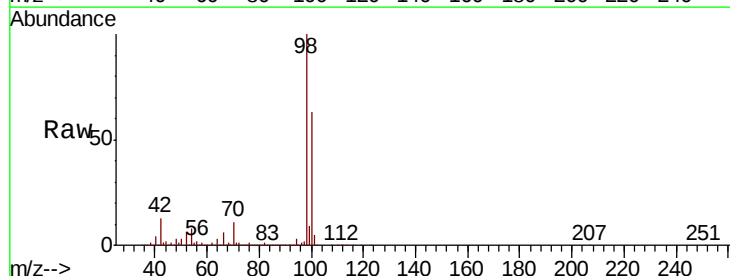
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



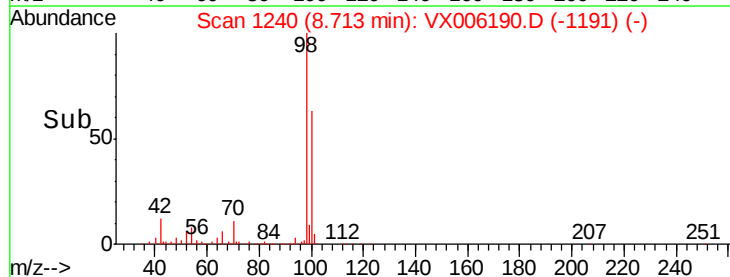
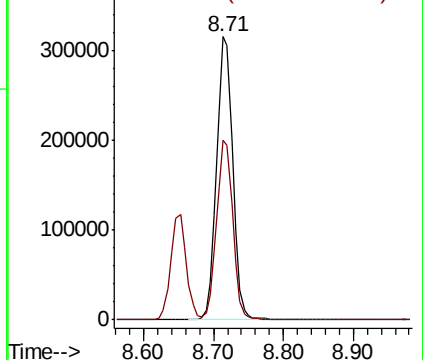
#50
 Toluene-d8
 Concen: 52.394 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

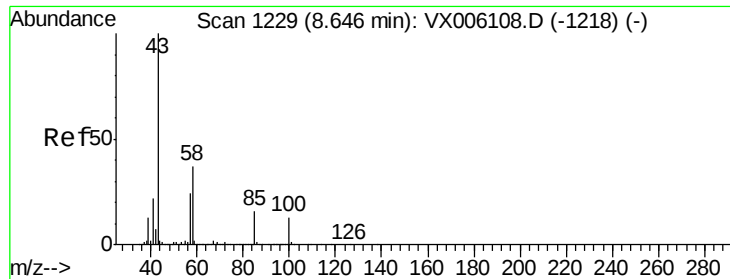
Tgt Ion: 98 Resp: 506272

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.0	76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

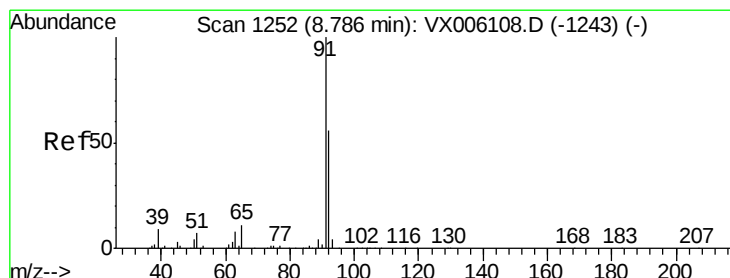
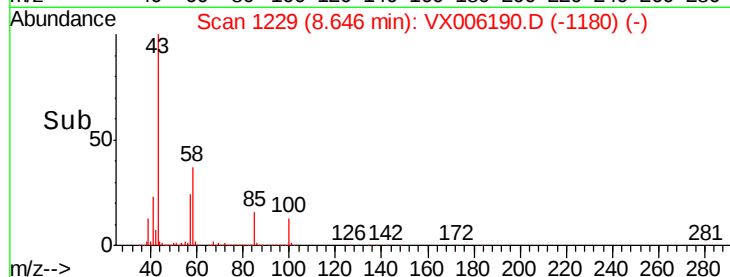
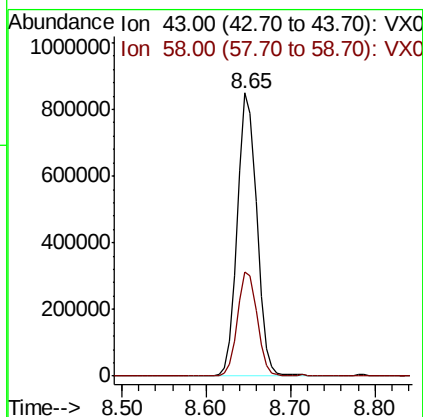
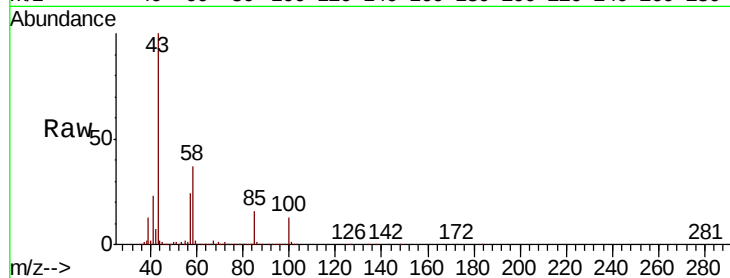




#51
 4-Methyl-2-Pentanone
 Concen: 275.250 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

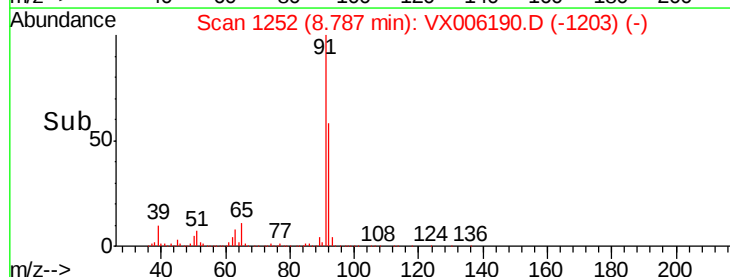
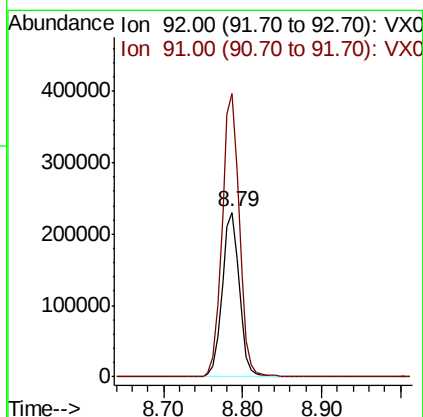
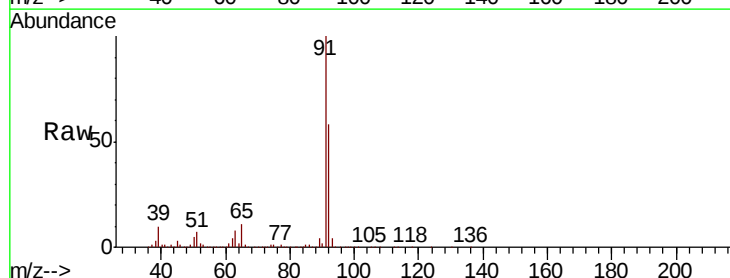
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

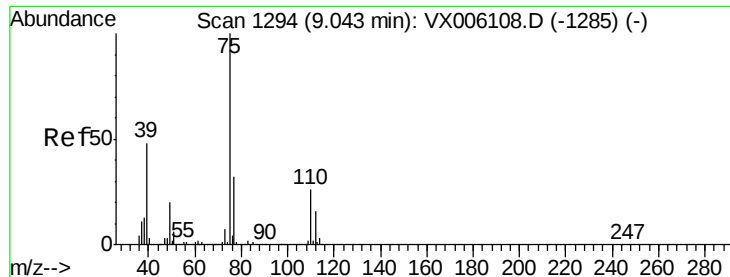
Tot Ion: 43 Resp: 1316364
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.9 44.9



#52
 Toluene
 Concen: 52.887 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion: 92 Resp: 346026
 Ion Ratio Lower Upper
 92 100
 91 175.0 142.5 213.7





#53

t-1,3-Dichloropropene

Concen: 54.291 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

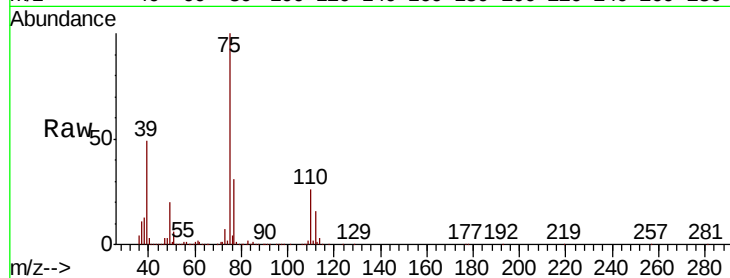
VSTDCCC050

Tot Ion: 75 Resp: 200886

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

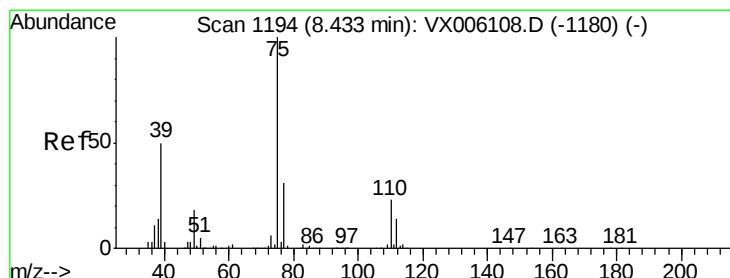
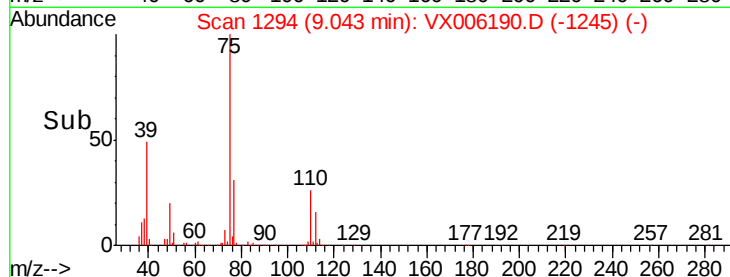
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.270 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

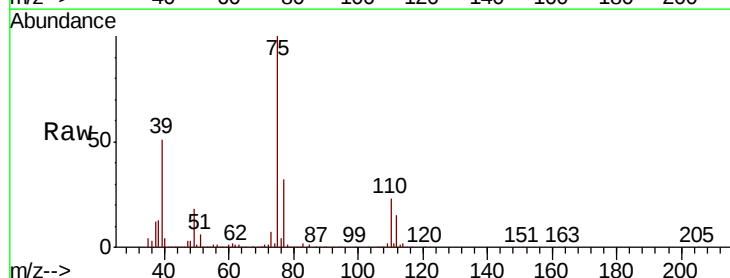
Tgt Ion: 75 Resp: 217894

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 50.5 40.3 60.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

150000

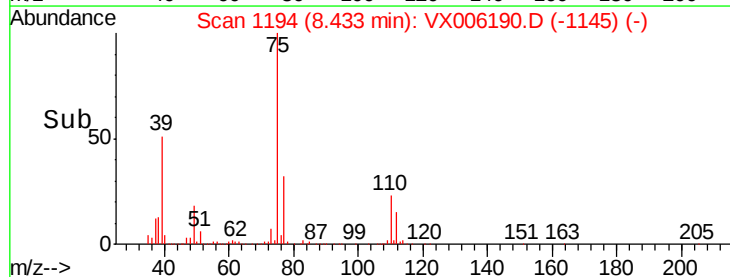
100000

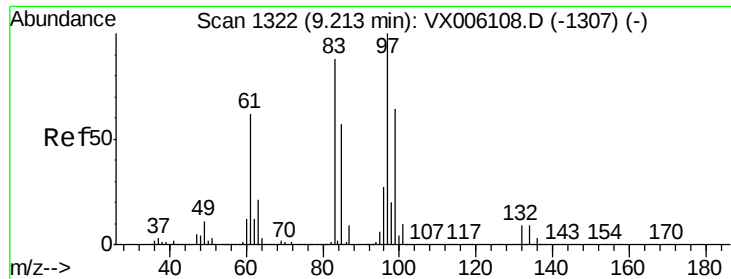
50000

0

8.30 8.40 8.50

Time-->

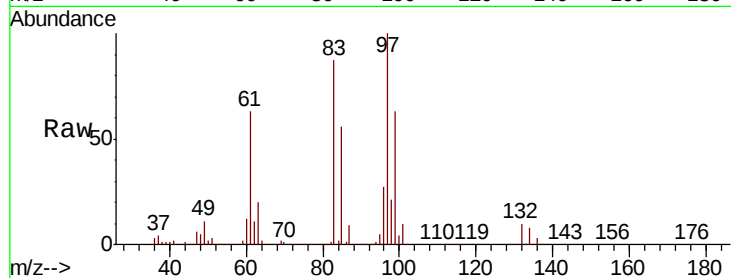




#55
 1,1,2-Trichloroethane
 Concen: 51.376 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	145577
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.7	106.1
85	55.9	45.7	68.5
99	62.9	51.4	77.2



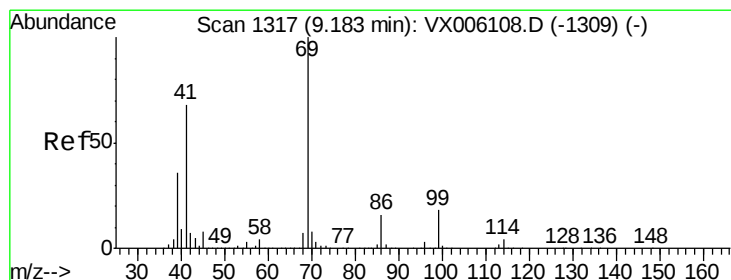
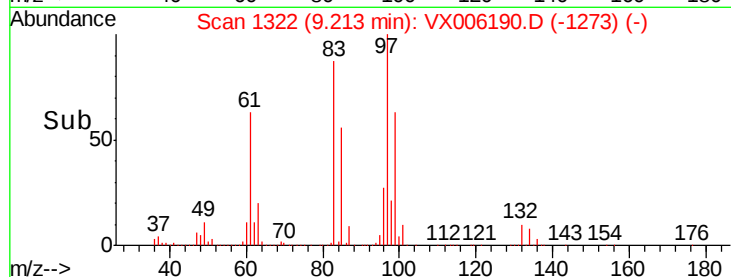
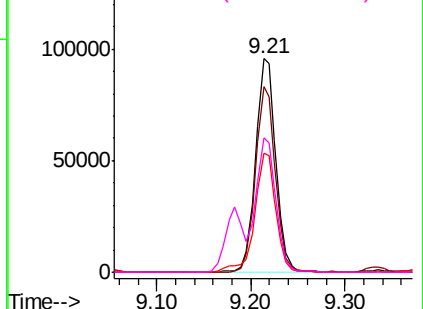
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

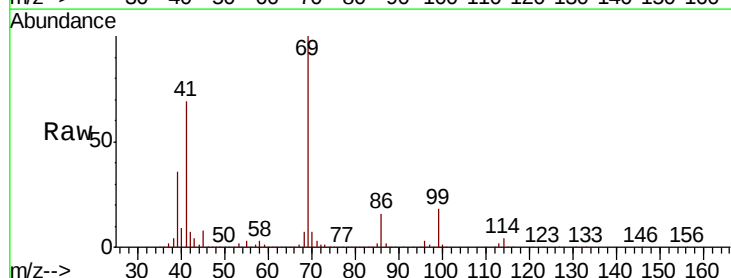
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 50.100 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	69	Resp	221094
Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.2	84.4
39	37.2	29.4	44.0

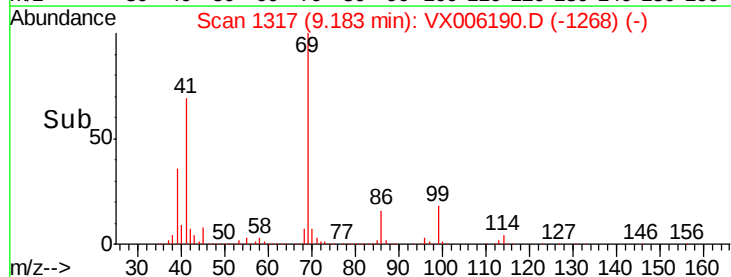
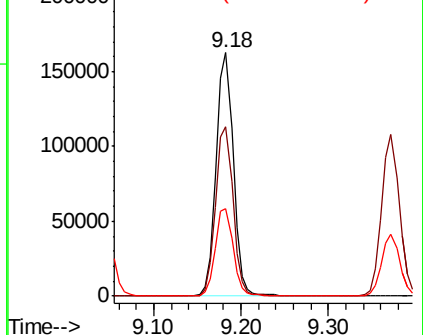


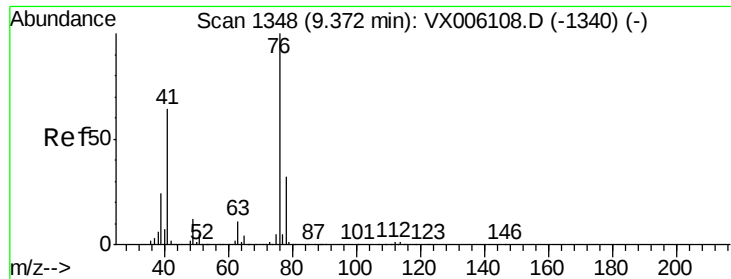
Abundance

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: 51.366 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

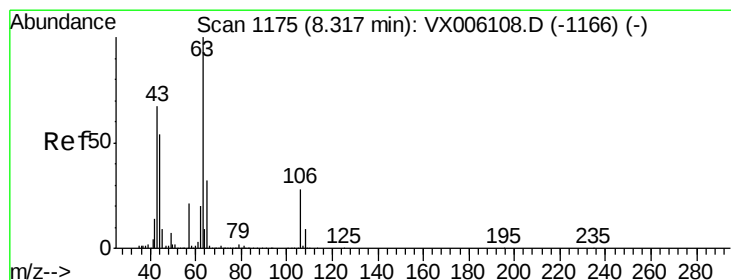
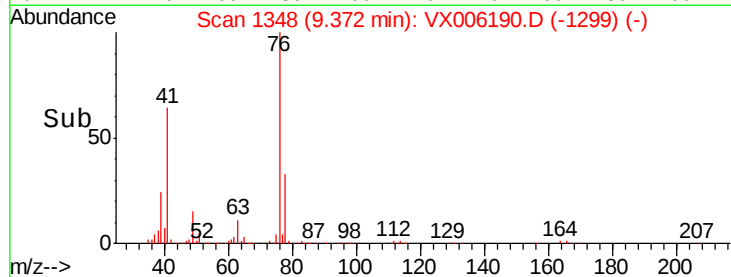
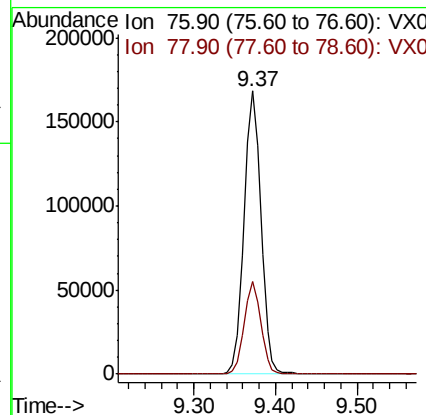
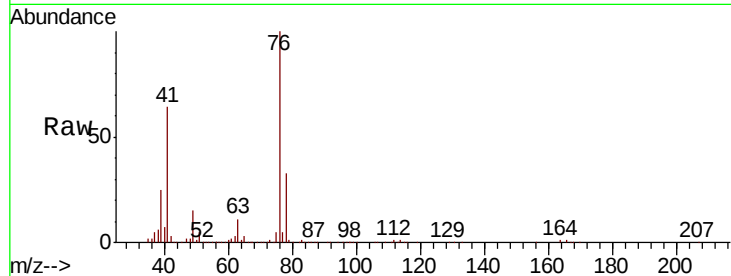
VSTDCCC050

Tot Ion: 76 Resp: 239909

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 251.831 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX006190.D

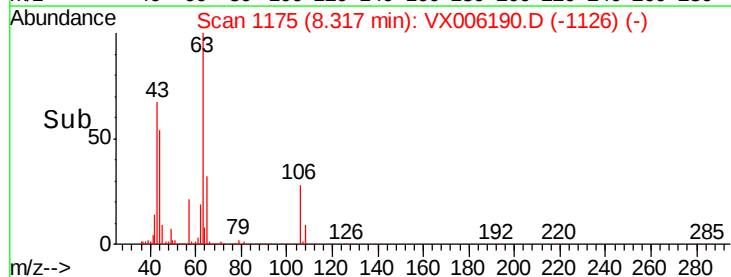
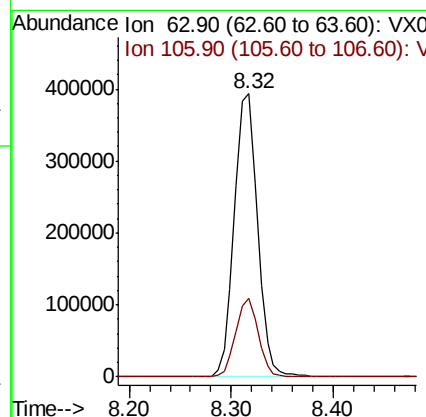
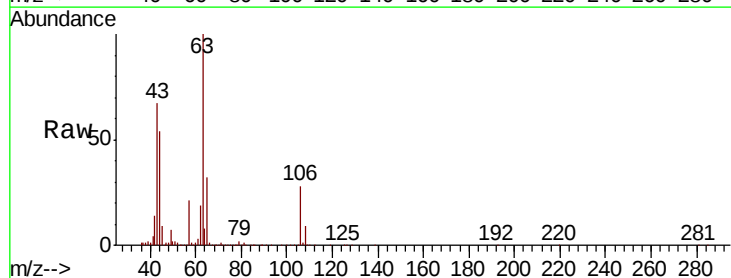
Acq: 26 Nov 2018 22:17

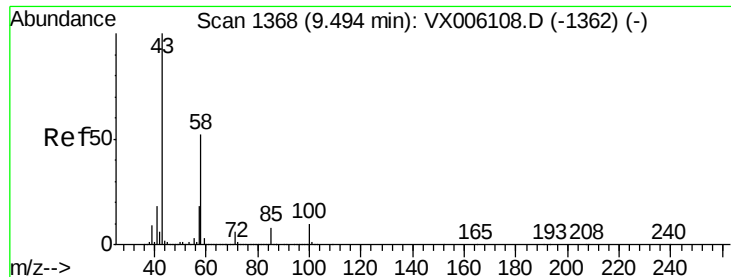
Tgt Ion: 63 Resp: 620293

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5

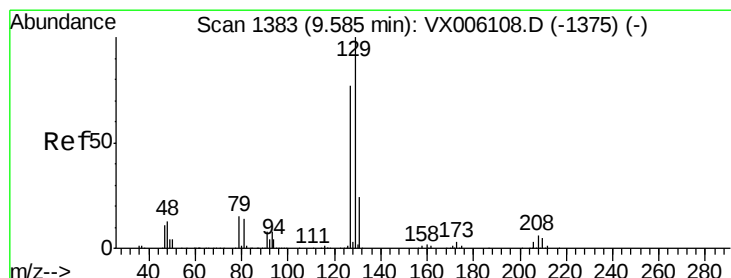
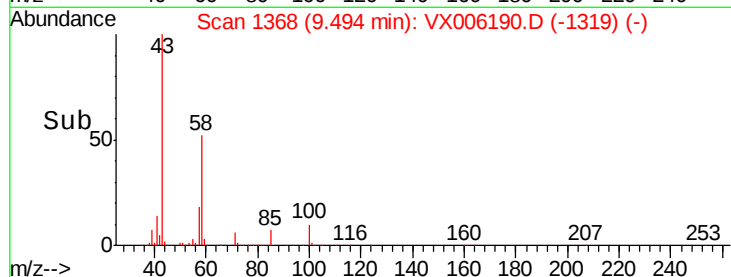
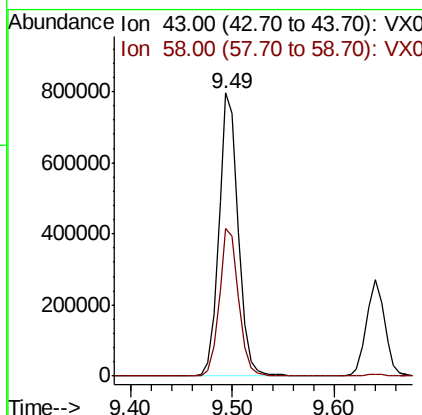
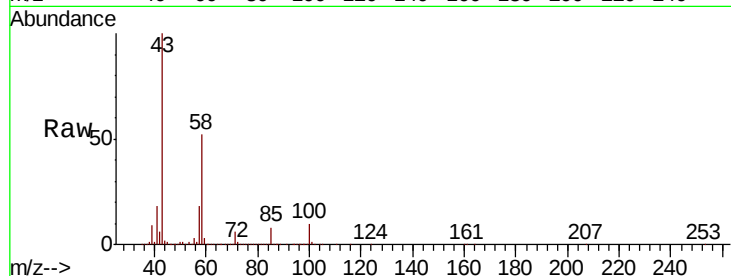




#59
2-Hexanone
Concen: 277.478 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

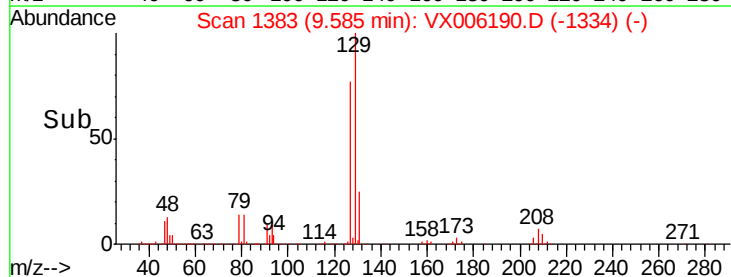
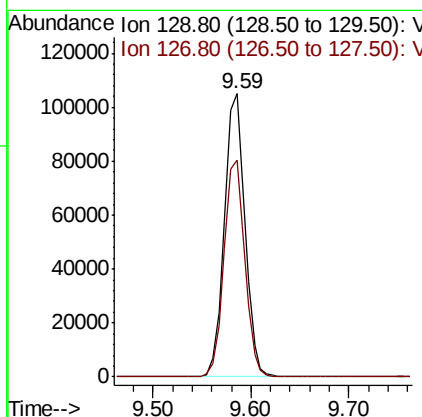
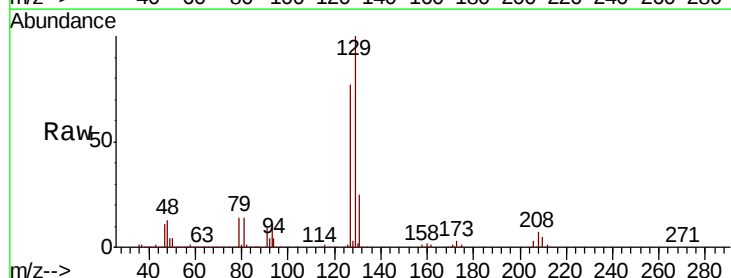
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

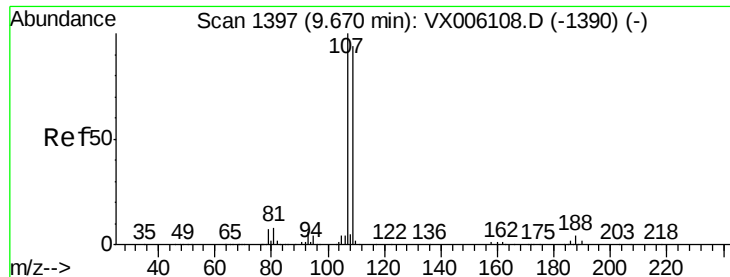
Tot Ion: 43 Resp: 1053135
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9



#60
Dibromochloromethane
Concen: 55.232 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion: 129 Resp: 153439
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.5





#61

1,2-Dibromoethane

Concen: 53.011 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

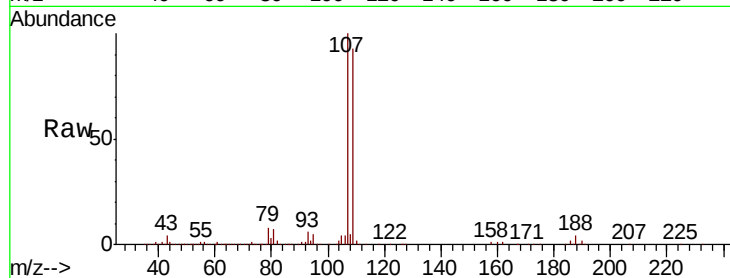
VSTDCCC050

Tot Ion:107 Resp: 154749

Ion Ratio Lower Upper

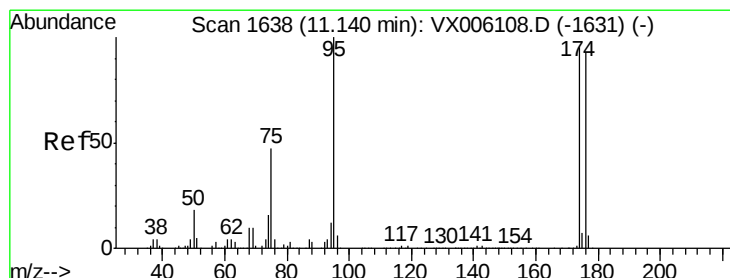
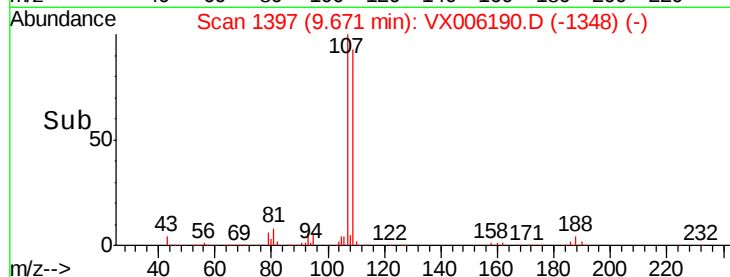
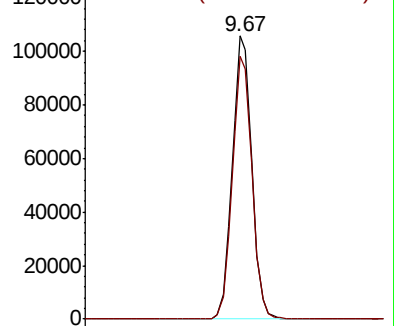
107 100

109 94.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.953 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

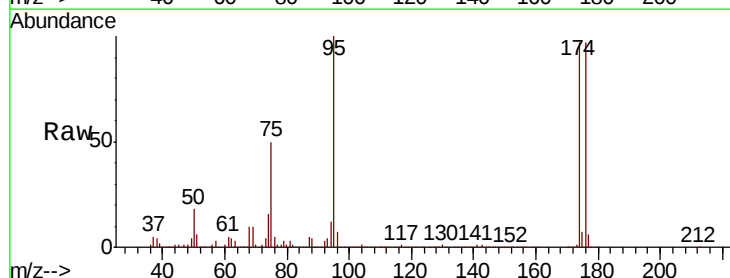
Tgt Ion: 95 Resp: 188353

Ion Ratio Lower Upper

95 100

174 91.4 0.0 184.4

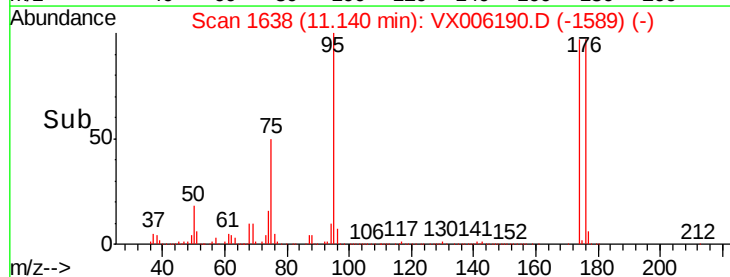
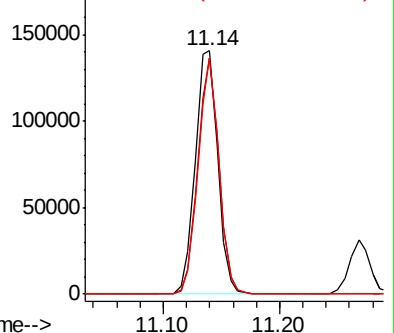
176 90.1 0.0 179.0

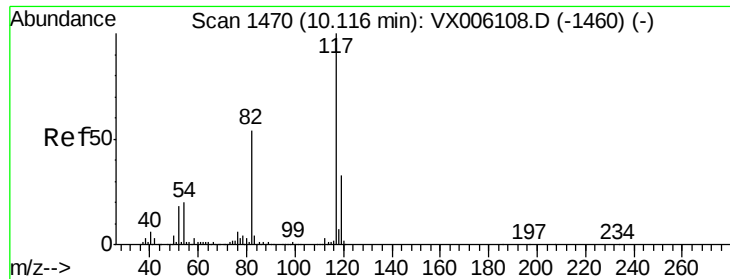


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

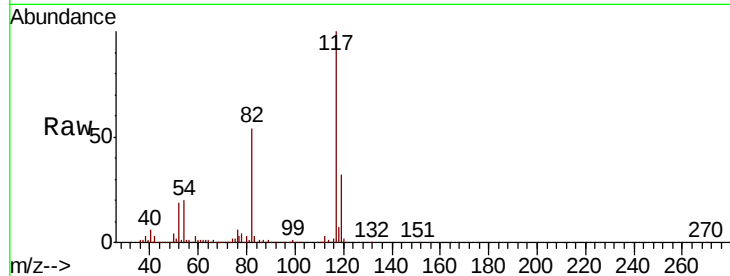




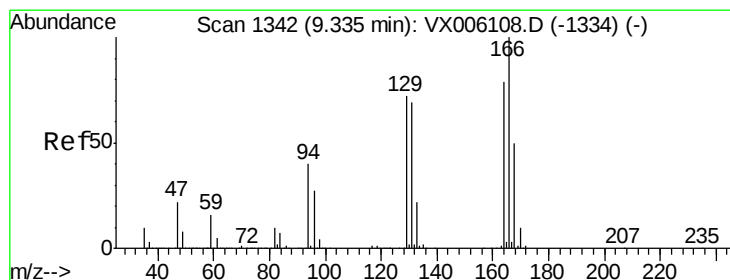
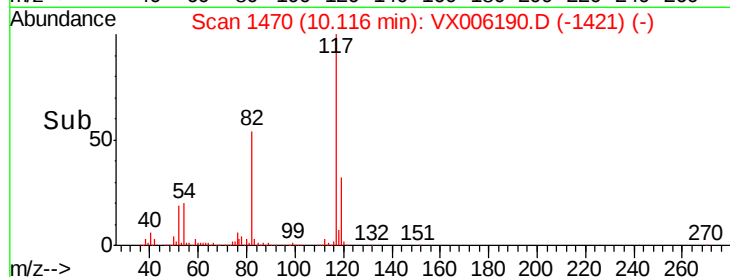
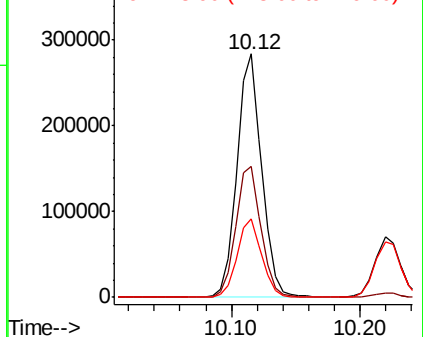
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 376659
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.2 26.1 39.1

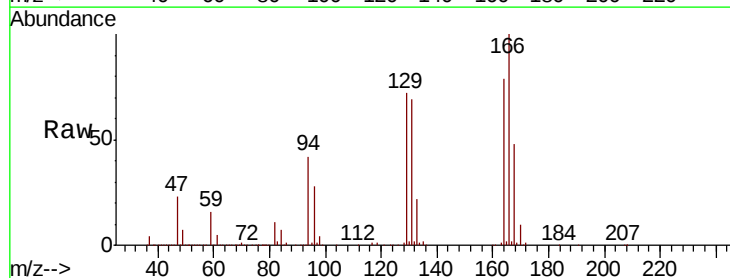


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

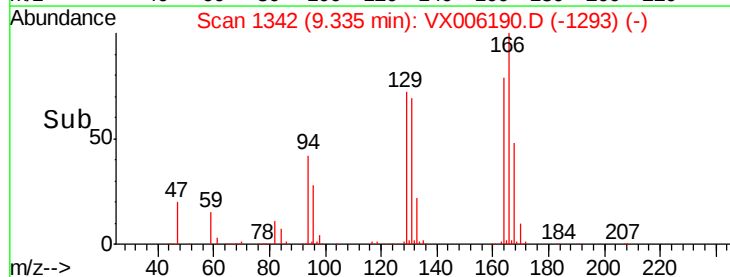
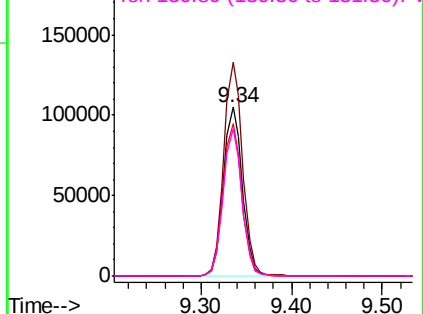


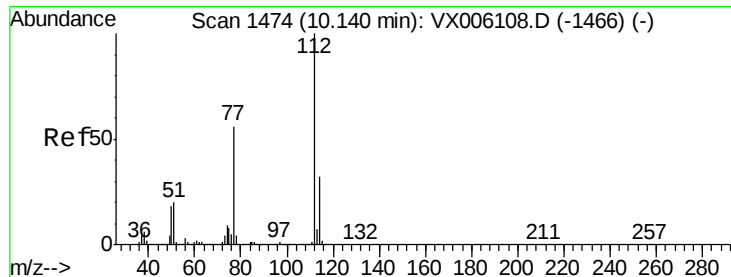
#64
Tetrachloroethene
Concen: 49.359 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion:164 Resp: 152997
Ion Ratio Lower Upper
164 100
166 126.6 101.5 152.3
129 90.6 73.4 110.0
131 87.5 70.2 105.4



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





#65

Chlorobenzene

Concen: 50.886 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

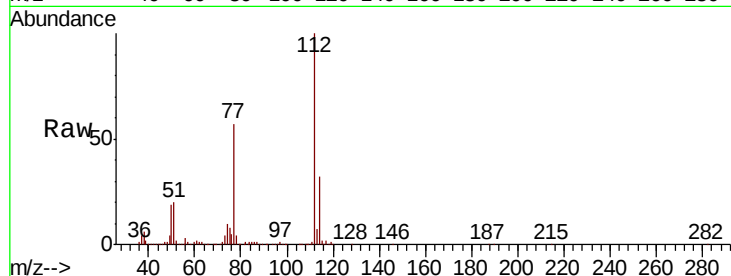
VSTDCCC050

Tot Ion:112 Resp: 393153

Ion Ratio Lower Upper

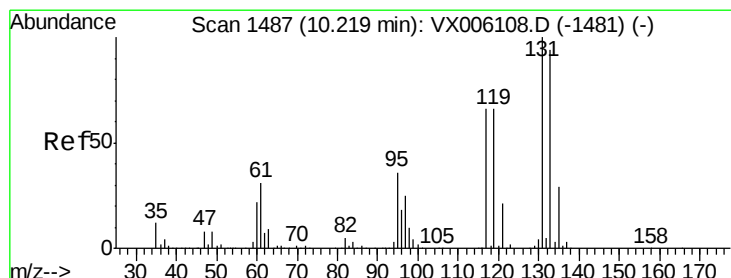
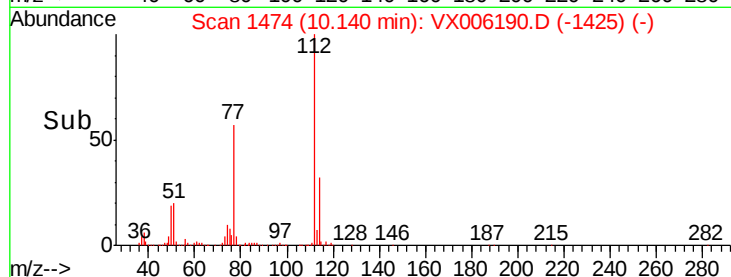
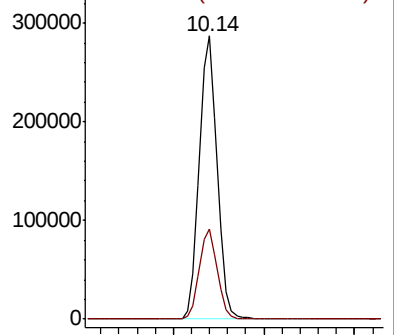
112 100

114 31.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.481 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

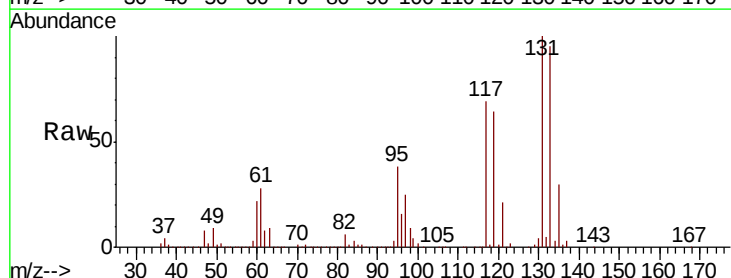
Tgt Ion:131 Resp: 141858

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

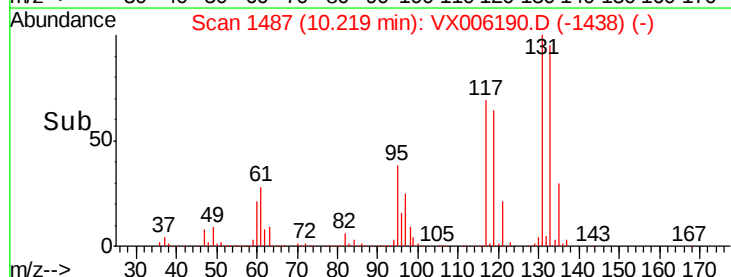
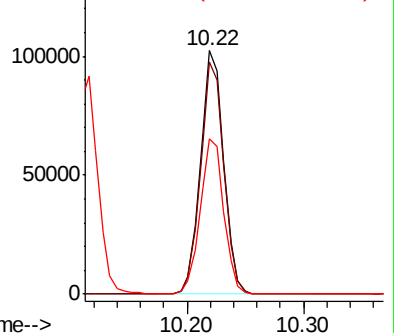
119 64.6 32.6 97.8

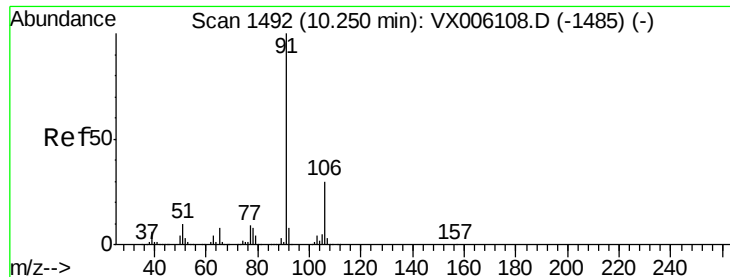


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

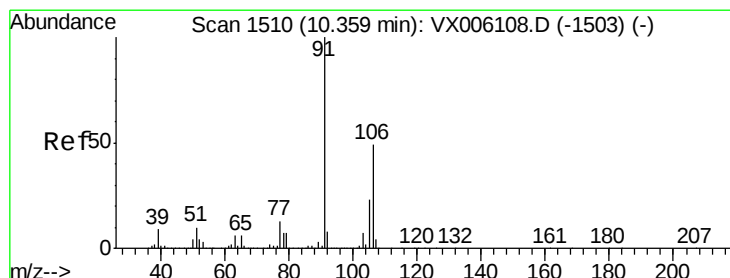
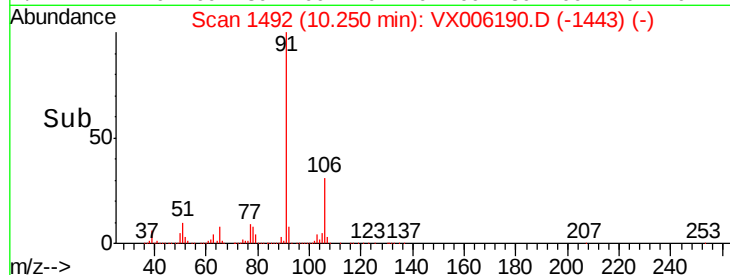
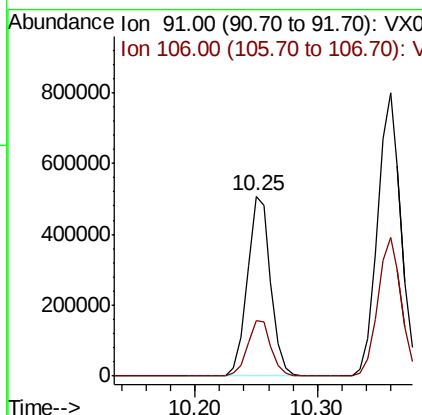
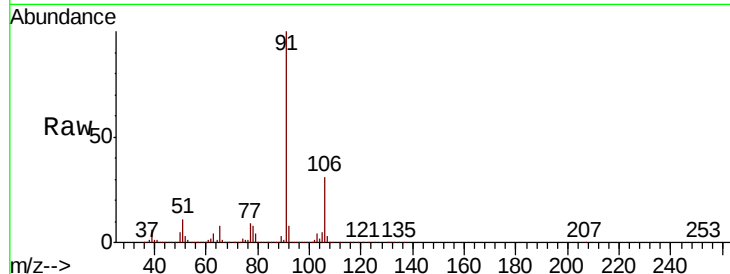




#67
Ethyl Benzene
Concen: 52.908 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

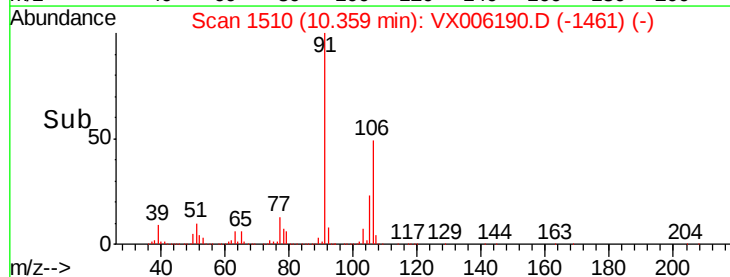
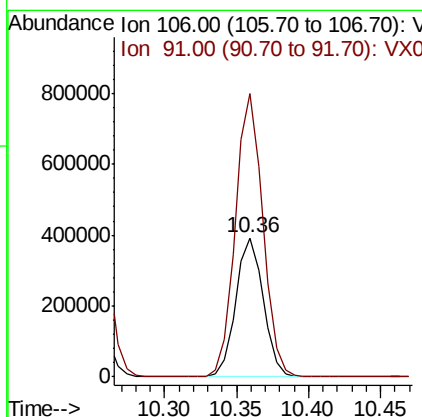
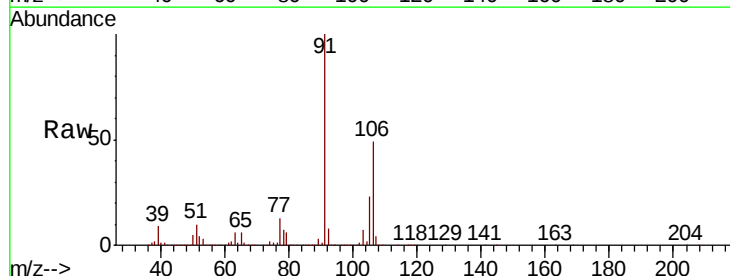
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

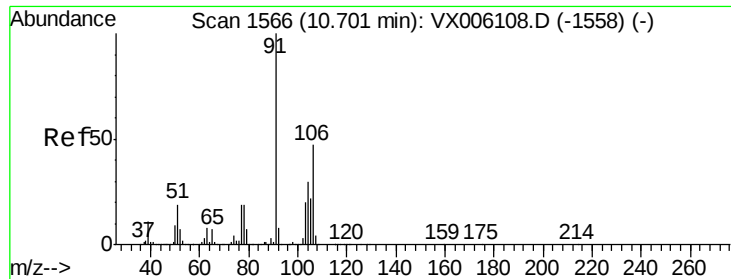
Tot Ion: 91 Resp: 669303
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6



#68
m/p-Xylenes
Concen: 106.289 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion: 106 Resp: 523580
Ion Ratio Lower Upper
106 100
91 203.6 162.0 243.0

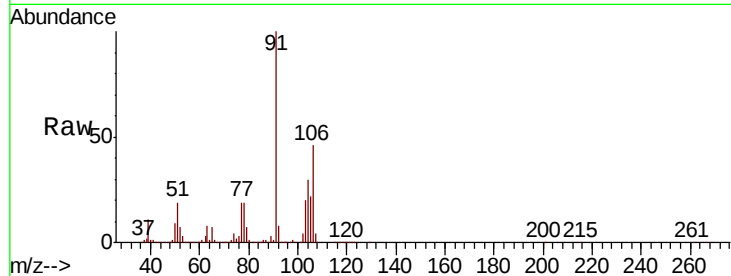




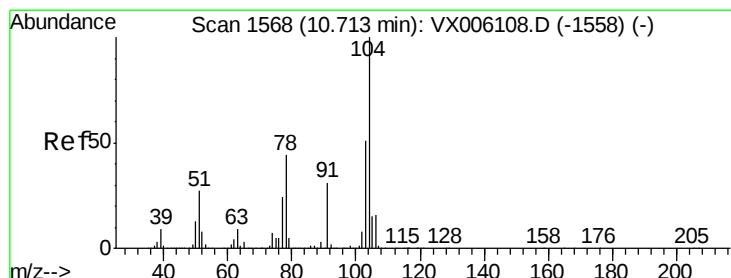
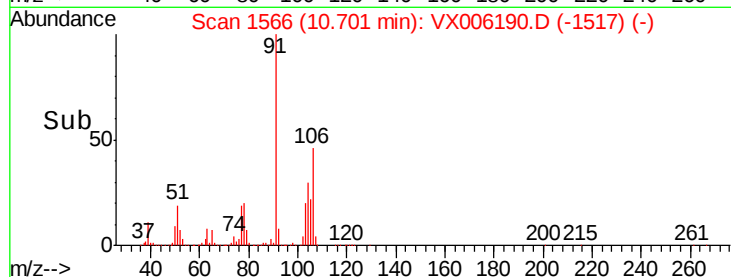
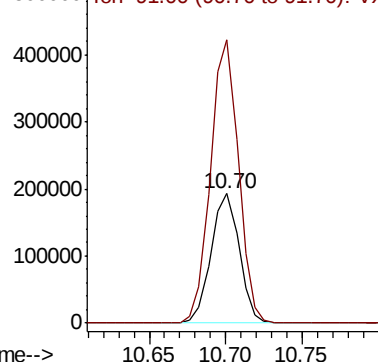
#69
o-Xylene
Concen: 52.601 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 247501
Ion Ratio Lower Upper
106 100
91 215.7 107.4 322.2

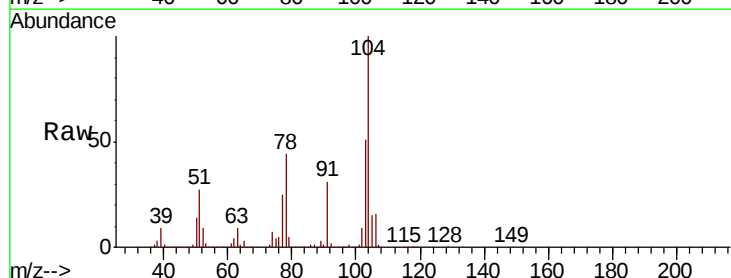


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

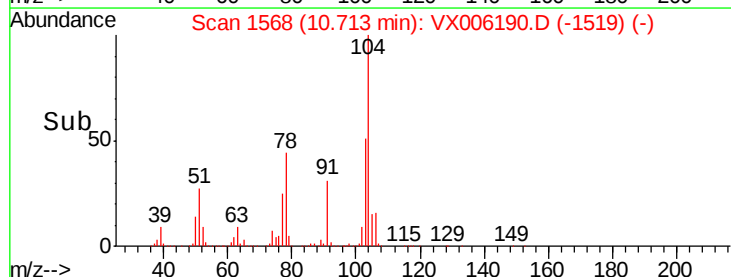
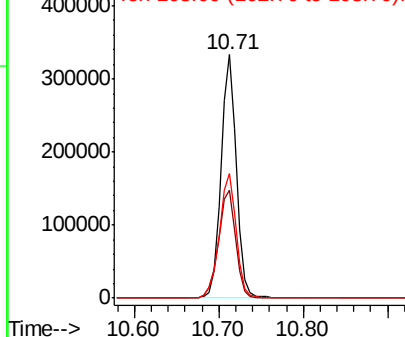


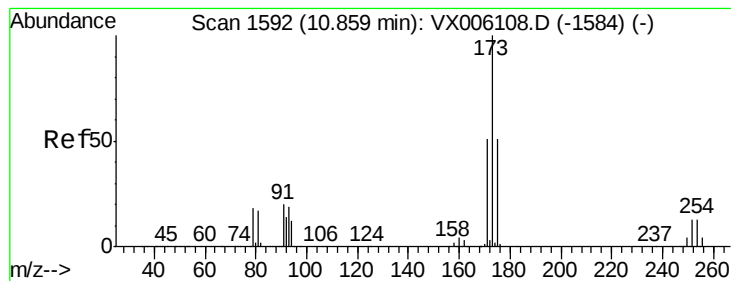
#70
Styrene
Concen: 54.822 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion:104 Resp: 420593
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 56.2 44.6 67.0



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





#71

Bromoform

Concen: 53.806 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

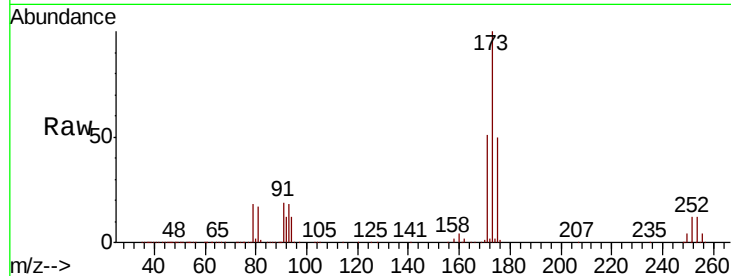
Tot Ion:173 Resp: 127751

Ion Ratio Lower Upper

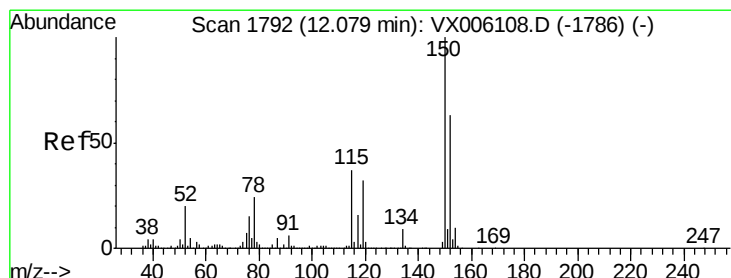
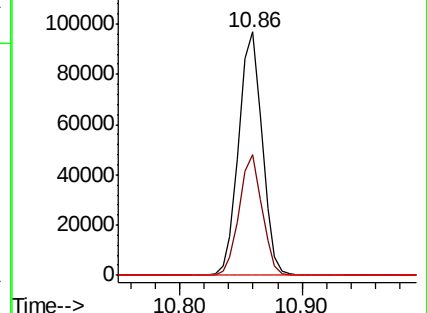
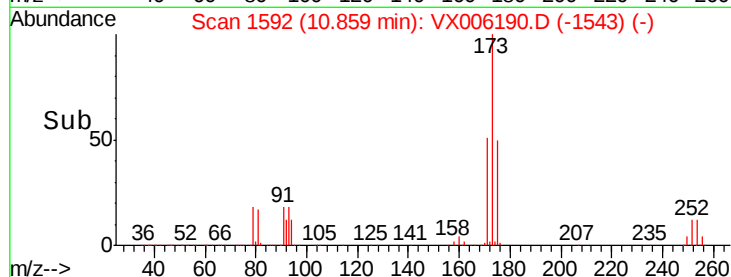
173 100

175 48.5 24.9 74.6

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: VX006190.D

Acq: 26 Nov 2018 22:17

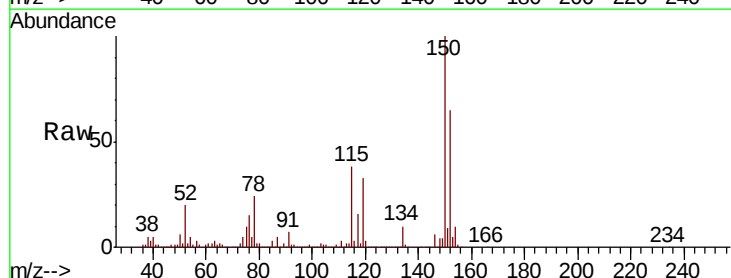
Tgt Ion:152 Resp: 215826

Ion Ratio Lower Upper

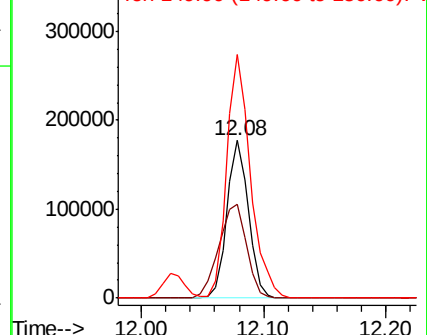
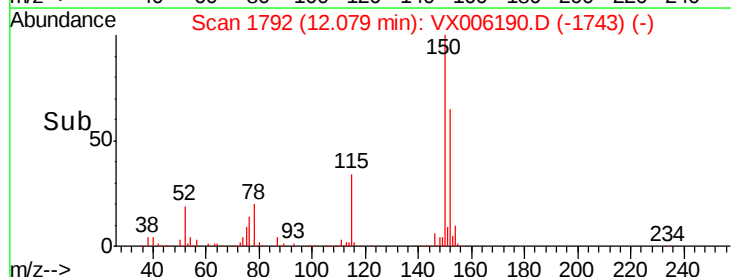
152 100

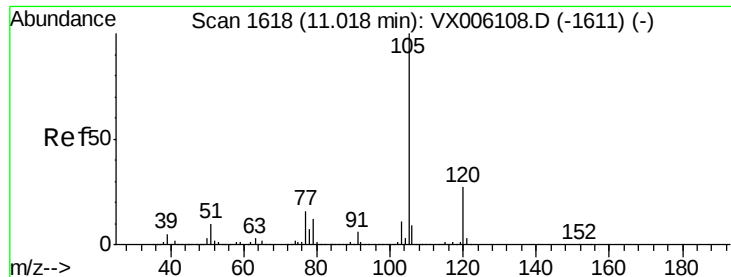
115 77.2 39.0 116.9

150 170.8 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.526 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

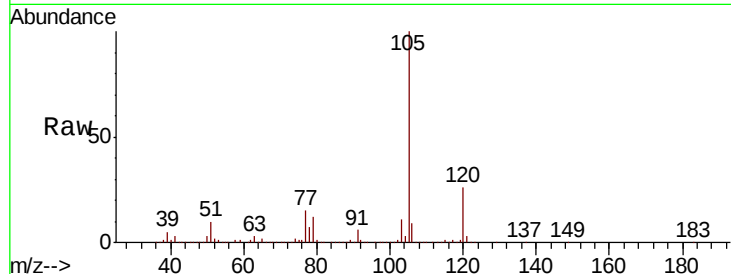
VSTDCCC050

Tot Ion:105 Resp: 685921

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

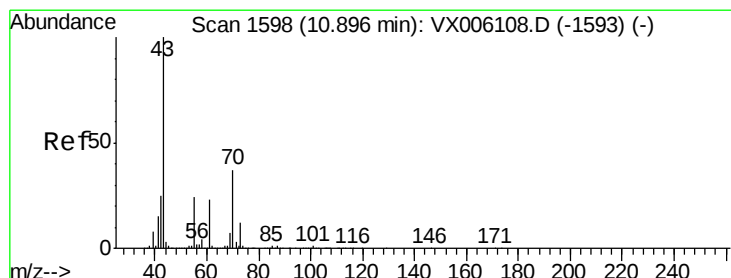
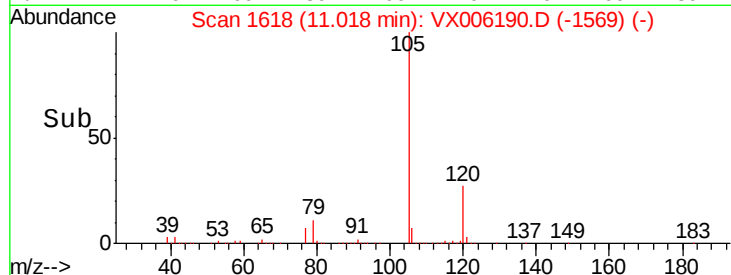
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 49.620 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Tgt Ion: 43 Resp: 330175

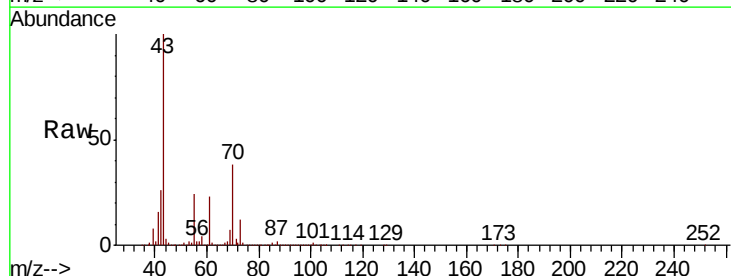
Ion Ratio Lower Upper

43 100

70 40.1 31.8 47.6

55 24.9 19.5 29.3

61 23.4 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

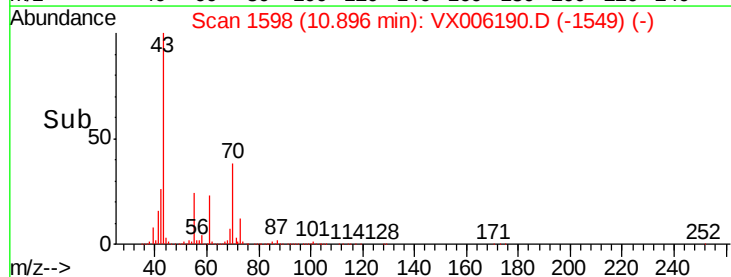
300000

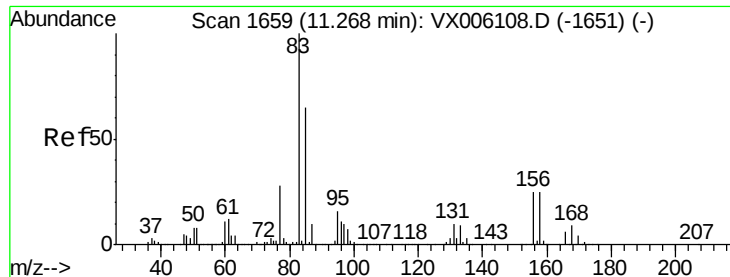
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.418 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

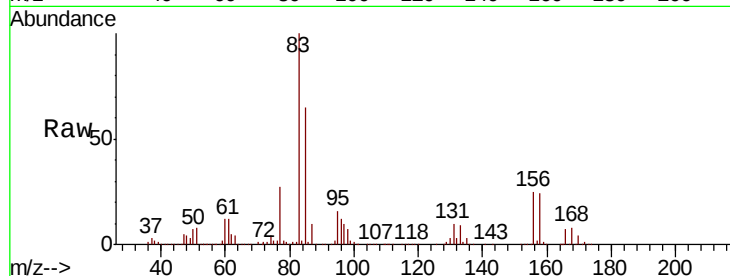
Tot Ion: 83 Resp: 243198

Ion Ratio Lower Upper

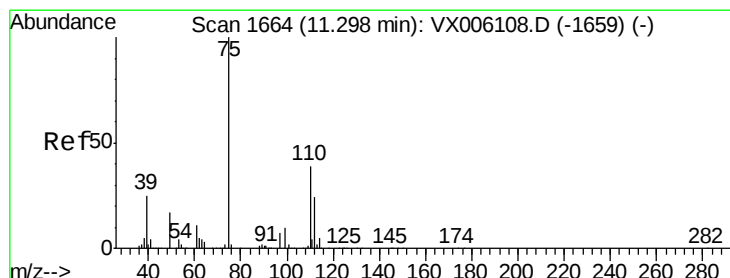
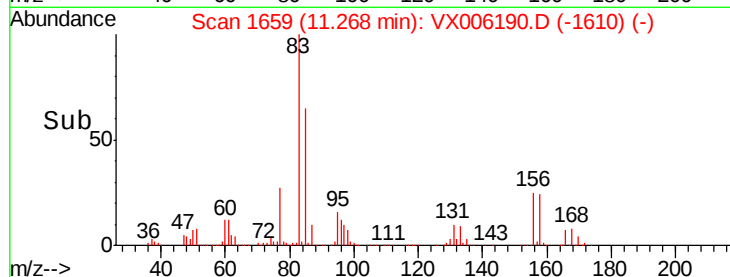
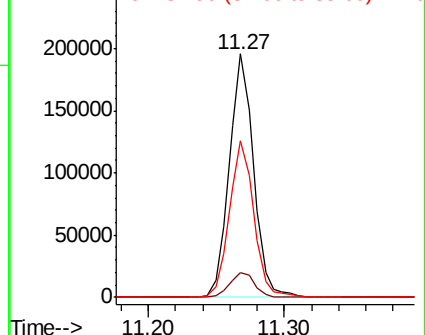
83 100

131 10.5 5.2 15.6

85 64.8 32.6 97.8



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: 64.951 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006190.D

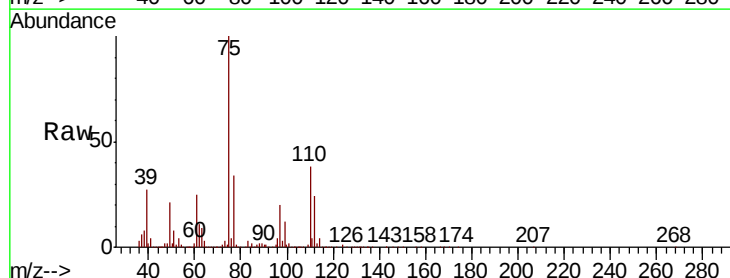
Acq: 26 Nov 2018 22:17

Tgt Ion: 75 Resp: 288605

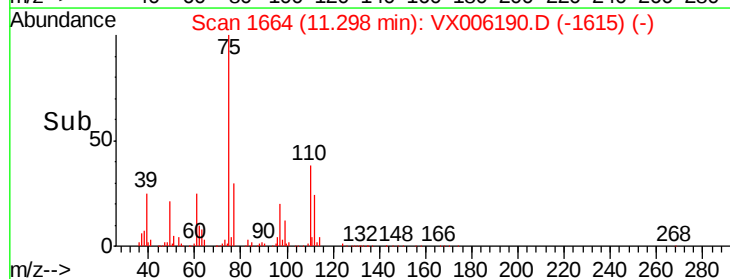
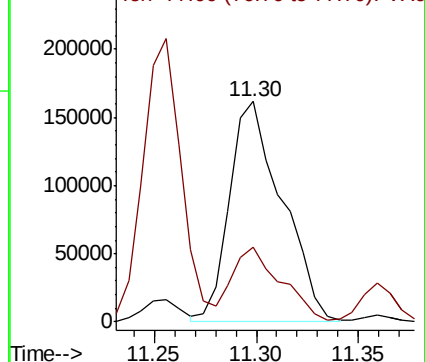
Ion Ratio Lower Upper

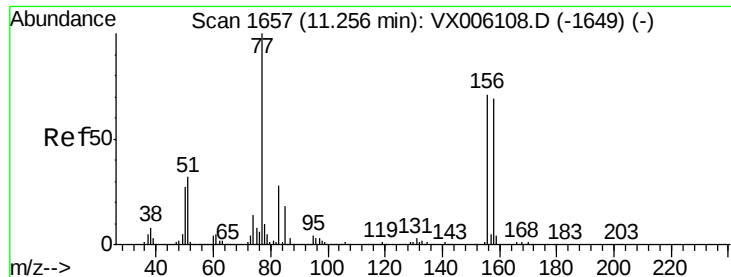
75 100

77 31.3 19.6 58.7



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





#77

Bromobenzene

Concen: 50.060 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

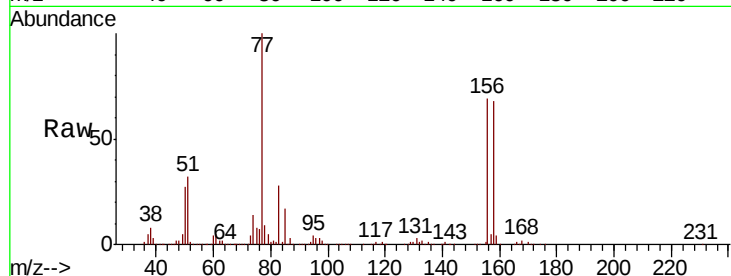
Tot Ion:156 Resp: 183131

Ion Ratio Lower Upper

156 100

77 148.0 74.3 222.8

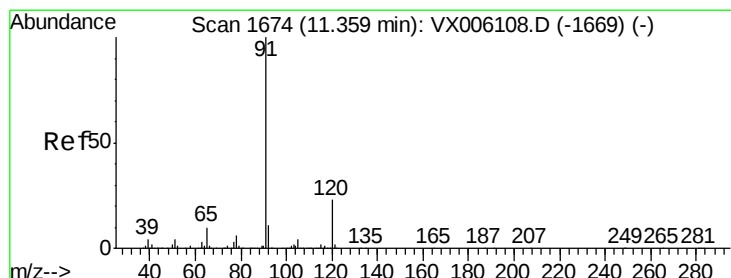
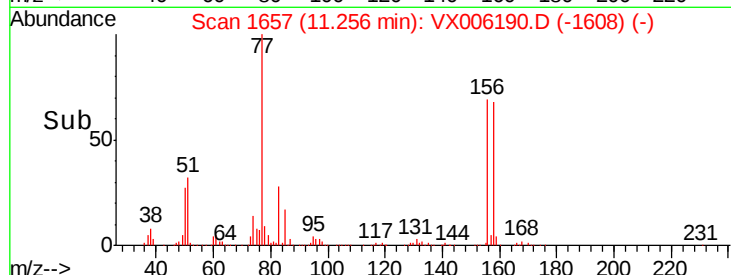
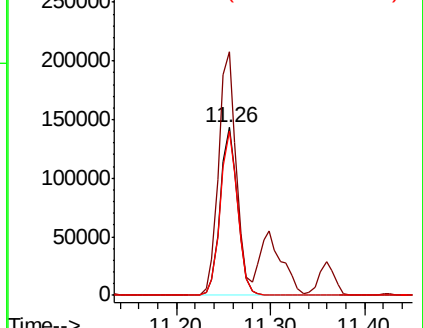
158 97.8 49.0 147.0



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: 52.730 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006190.D

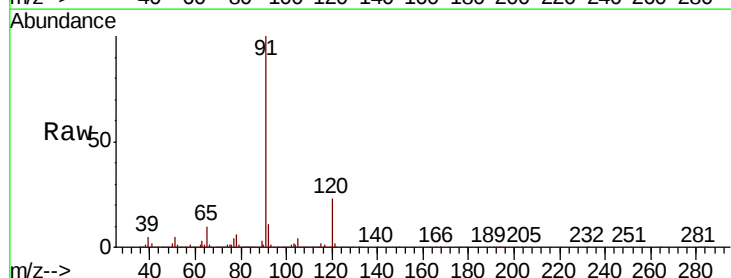
Acq: 26 Nov 2018 22:17

Tgt Ion: 91 Resp: 801918

Ion Ratio Lower Upper

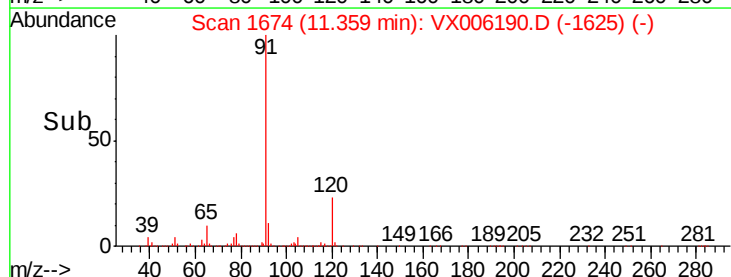
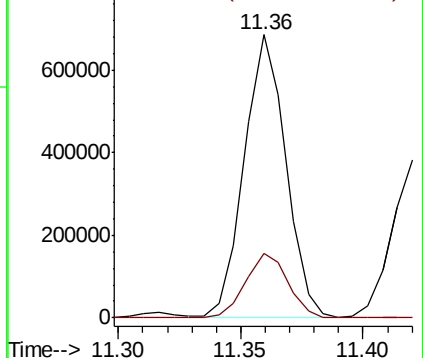
91 100

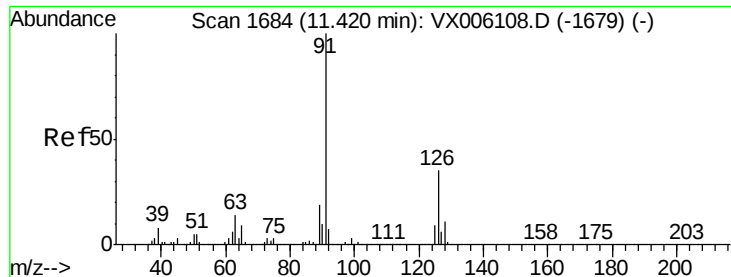
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.010 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

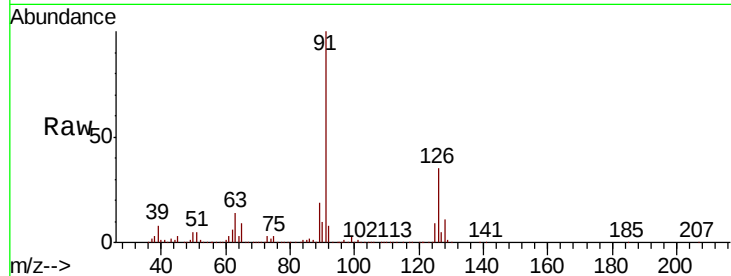
VSTDCCC050

Tot Ion: 91 Resp: 469320

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

800000

600000

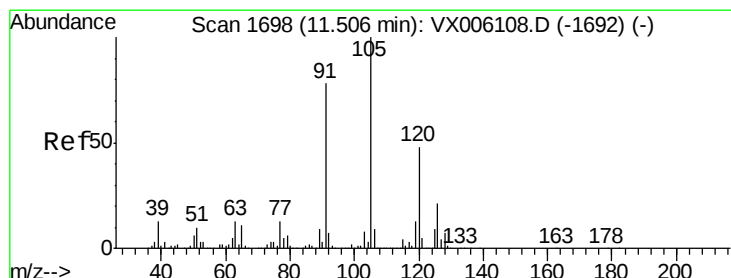
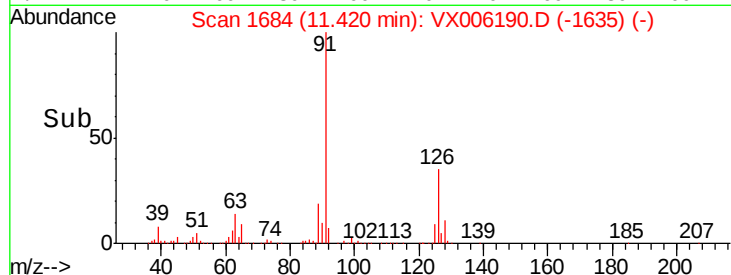
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.048 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006190.D

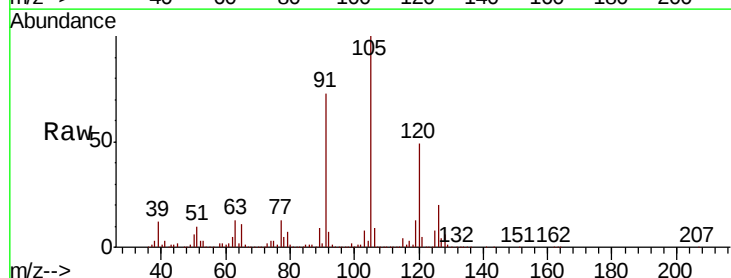
Acq: 26 Nov 2018 22:17

Tgt Ion:105 Resp: 584057

Ion Ratio Lower Upper

105 100

120 48.8 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

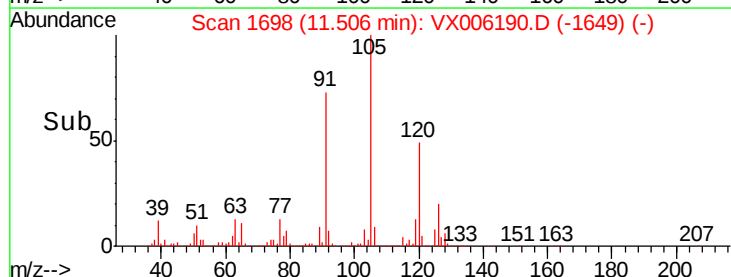
200000

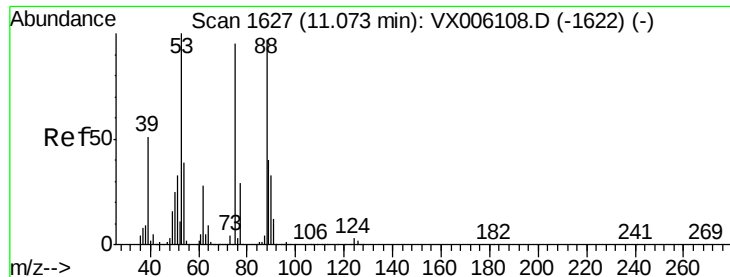
100000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.716 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

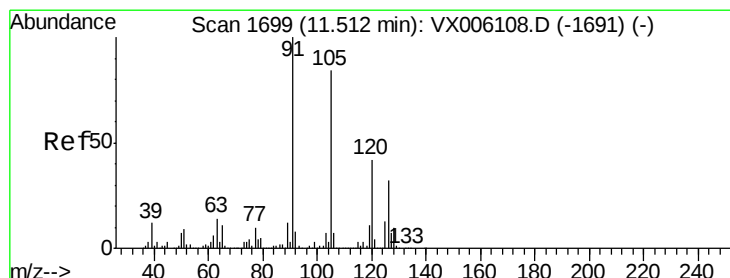
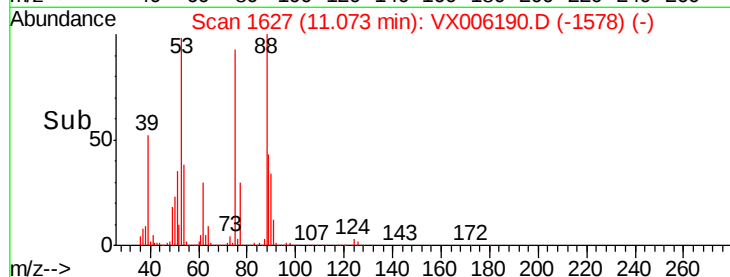
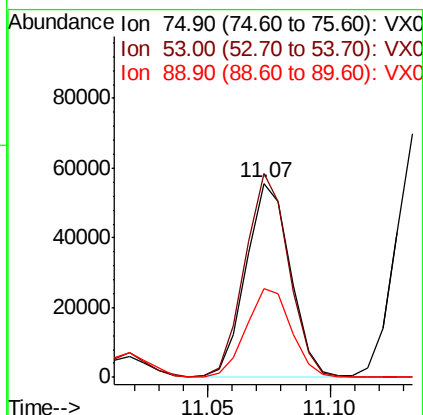
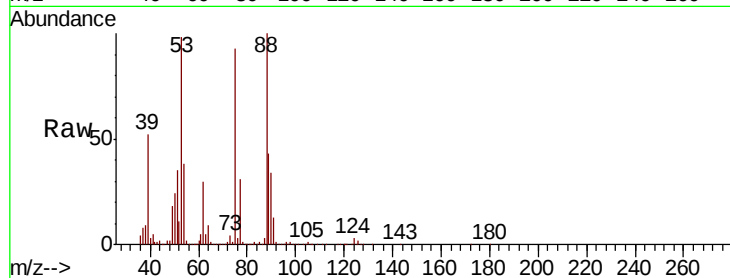
Tot Ion: 75 Resp: 69256

Ion Ratio Lower Upper

75 100

53 104.7 85.3 127.9

89 47.1 37.2 55.8



#82

4-Chlorotoluene

Concen: 51.698 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006190.D

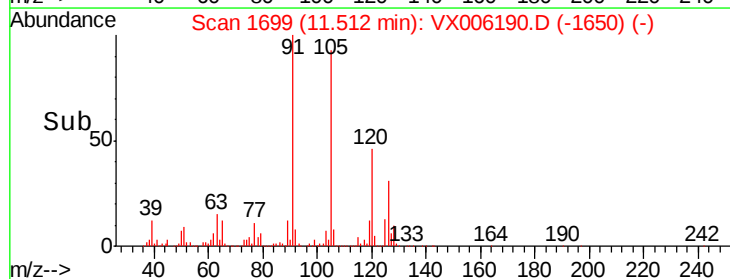
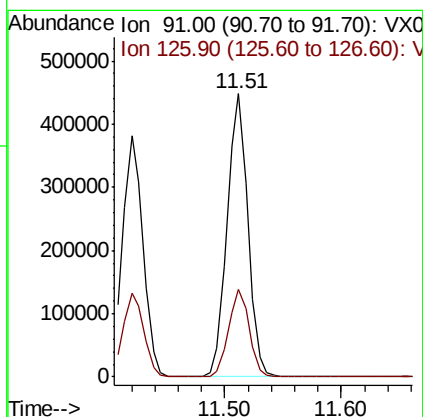
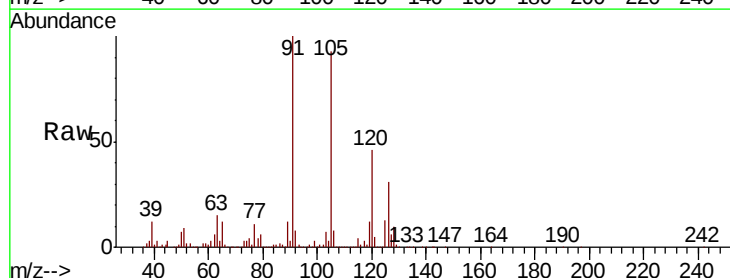
Acq: 26 Nov 2018 22:17

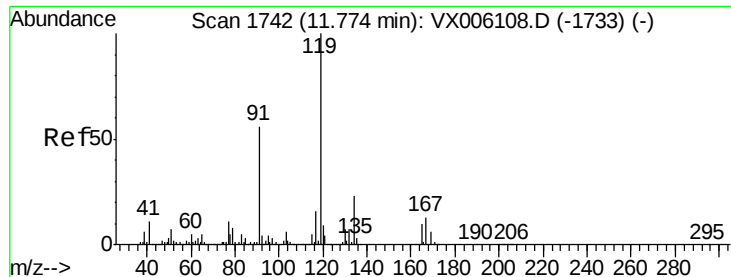
Tgt Ion: 91 Resp: 555078

Ion Ratio Lower Upper

91 100

126 30.8 15.3 45.9





#83

tert-Butylbenzene

Concen: 52.791 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

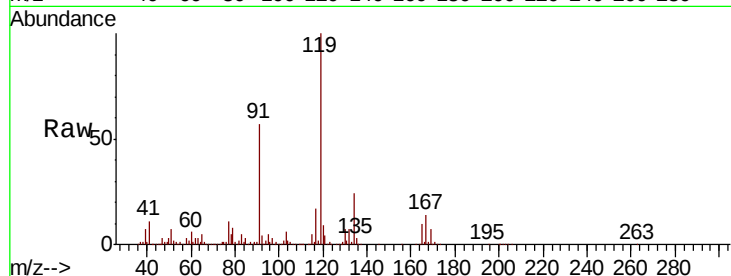
Tot Ion:119 Resp: 567420

Ion Ratio Lower Upper

119 100

91 57.0 28.2 84.6

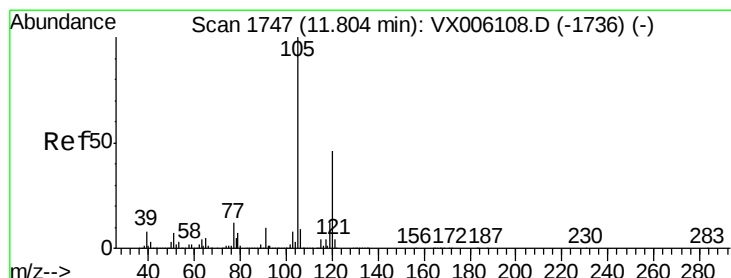
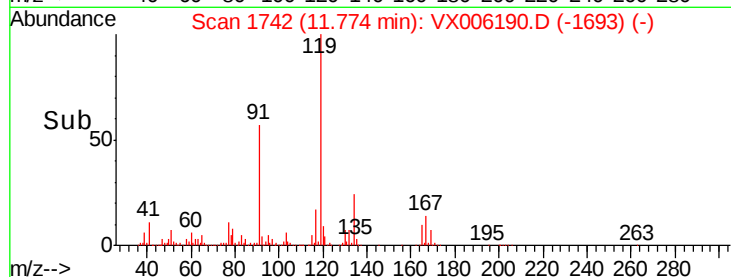
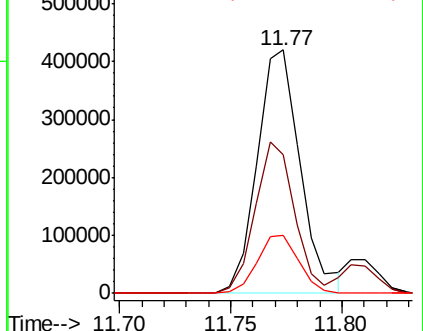
134 22.9 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.512 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006190.D

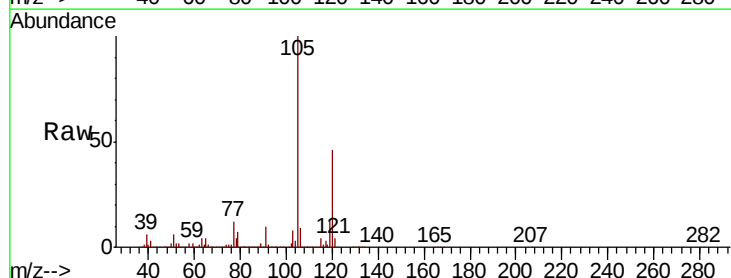
Acq: 26 Nov 2018 22:17

Tgt Ion:105 Resp: 600982

Ion Ratio Lower Upper

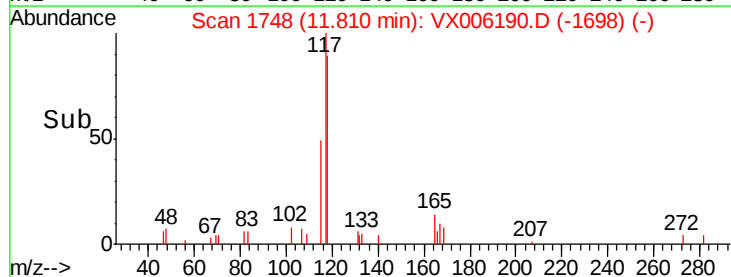
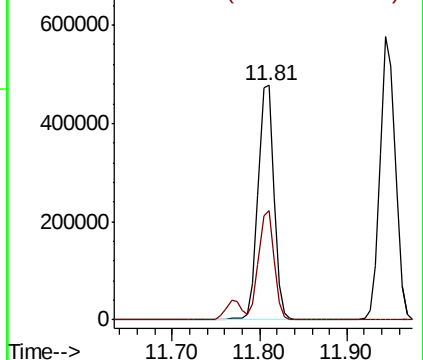
105 100

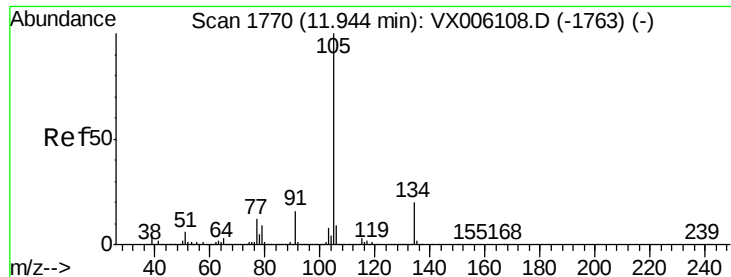
120 45.3 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.935 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

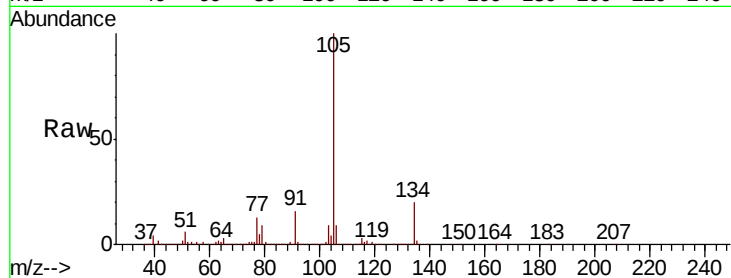
VSTDCCC050

Tot Ion:105 Resp: 695949

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

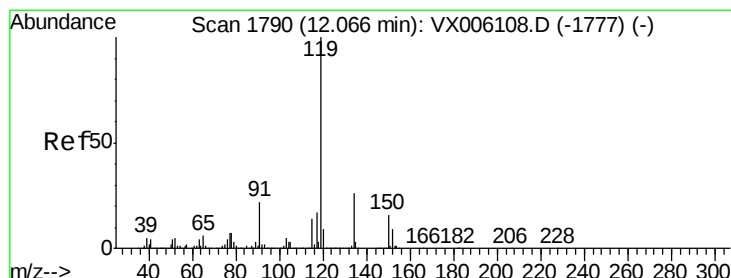
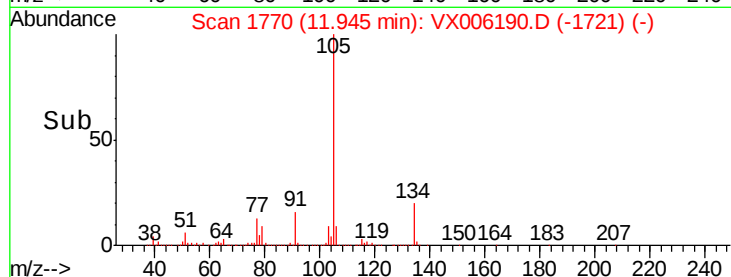
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.338 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

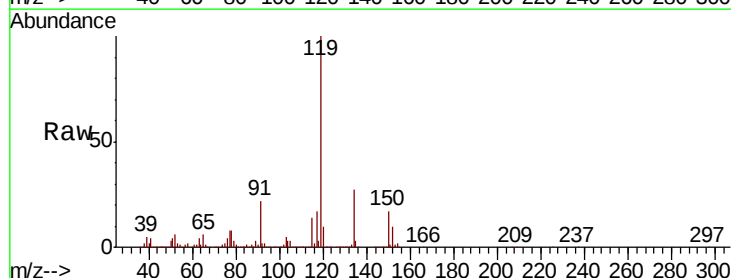
Tgt Ion:119 Resp: 625211

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.1 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

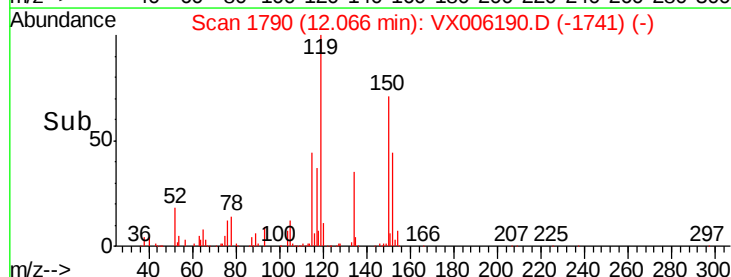
600000

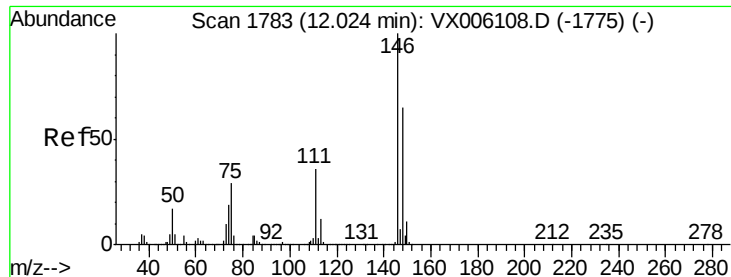
400000

200000

0

Time-->

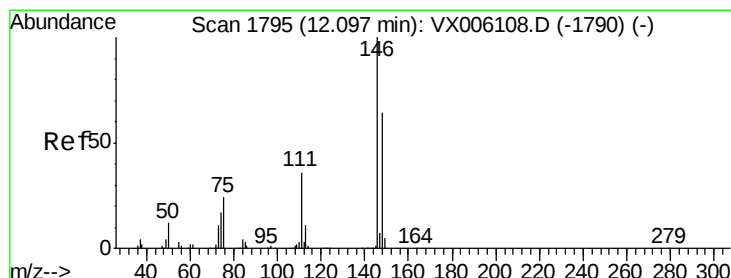
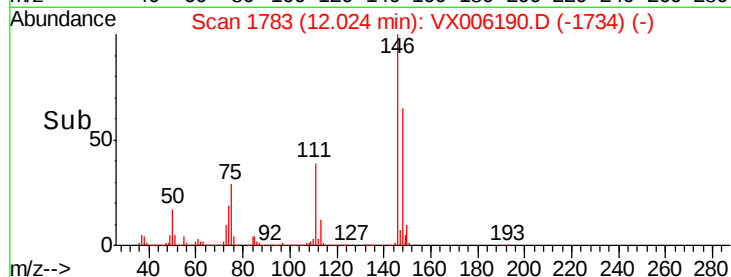
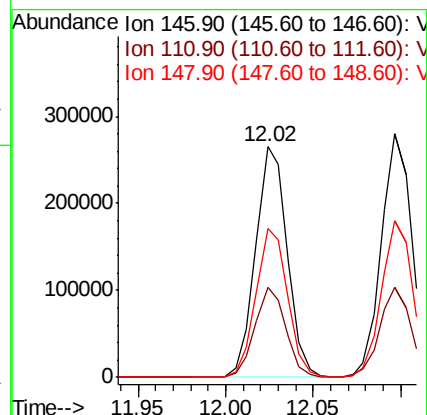
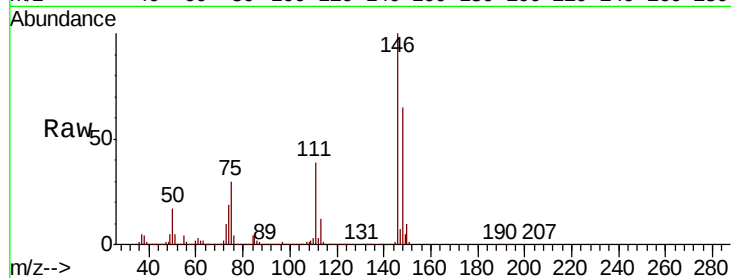




#87
 1,3-Dichlorobenzene
 Concen: 49.770 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

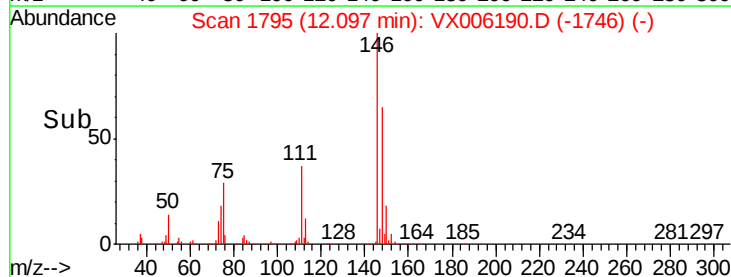
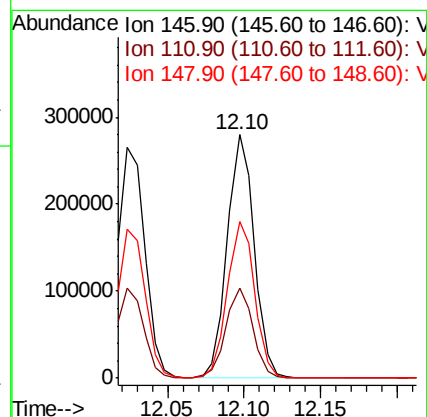
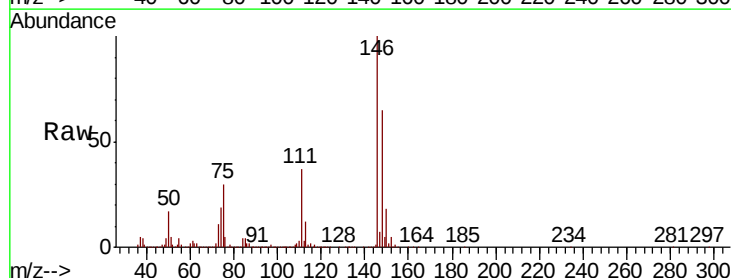
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

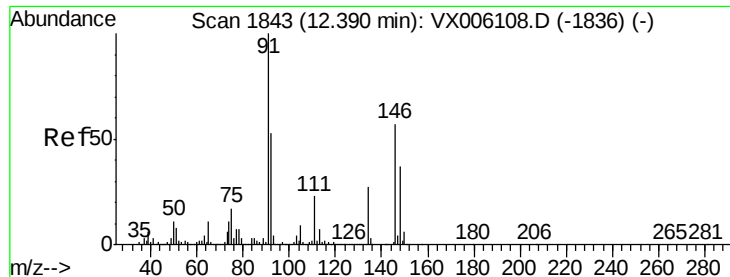
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	64.7	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.924 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.3	54.9
148	65.1	32.2	96.6

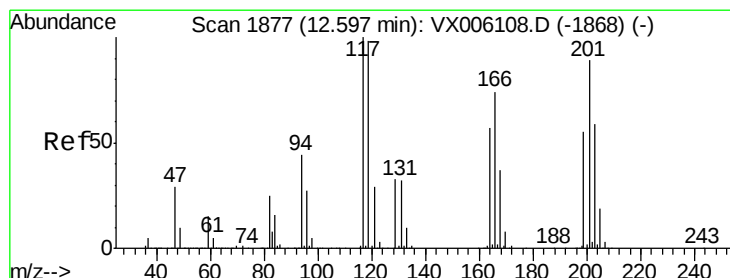
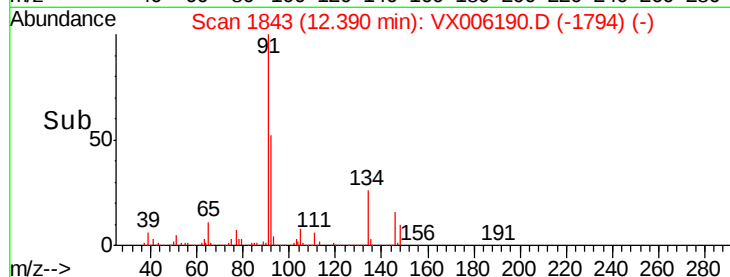
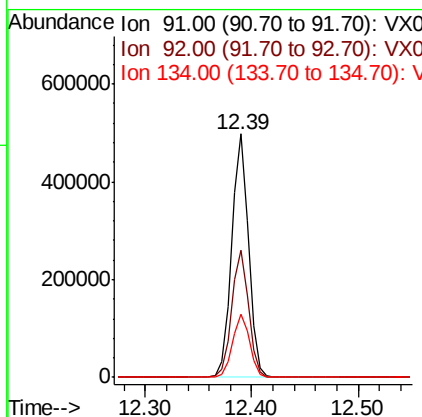
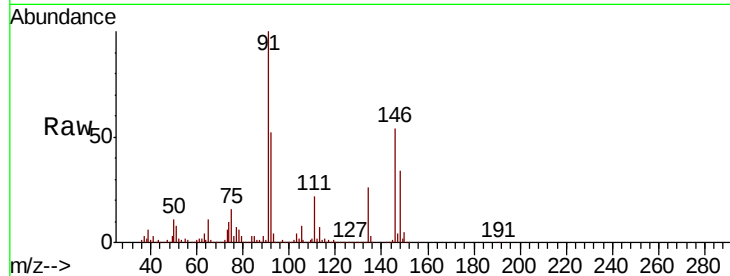




#89
n-Butylbenzene
Concen: 52.070 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

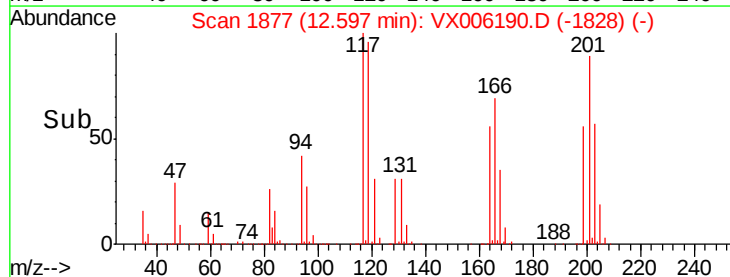
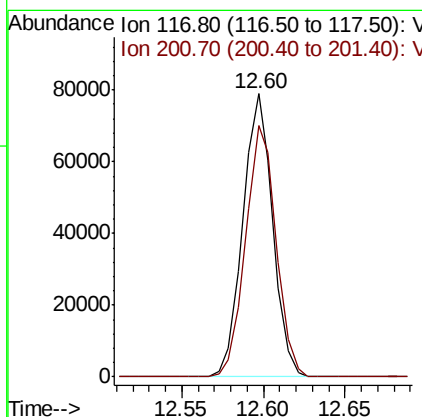
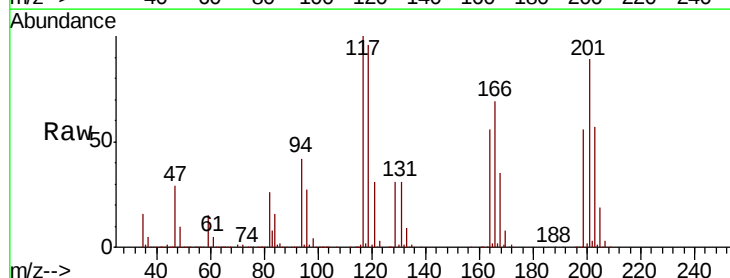
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

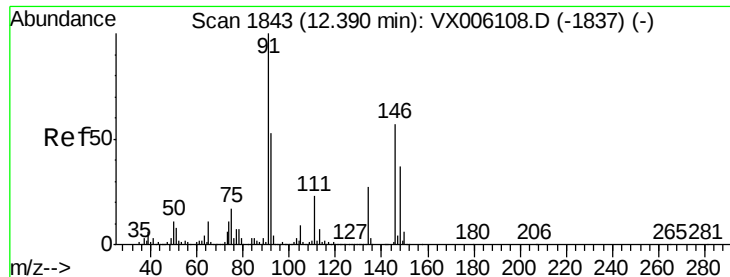
Tot Ion: 91 Resp: 552611
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 26.3 13.1 39.3



#90
Hexachloroethane
Concen: 53.714 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006190.D
Acq: 26 Nov 2018 22:17

Tgt Ion: 117 Resp: 100475
Ion Ratio Lower Upper
117 100
201 90.9 46.1 138.2

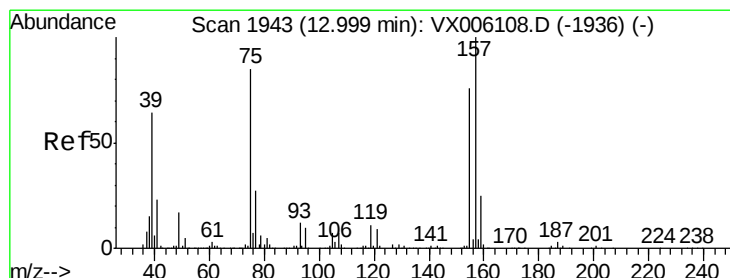
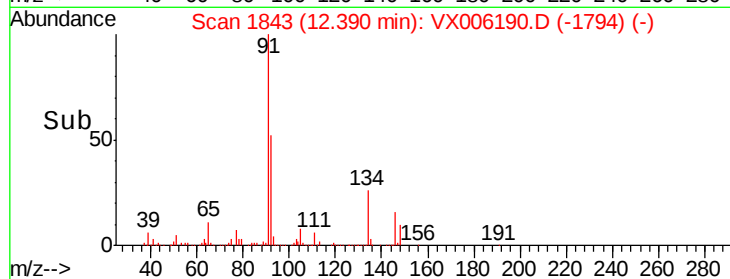
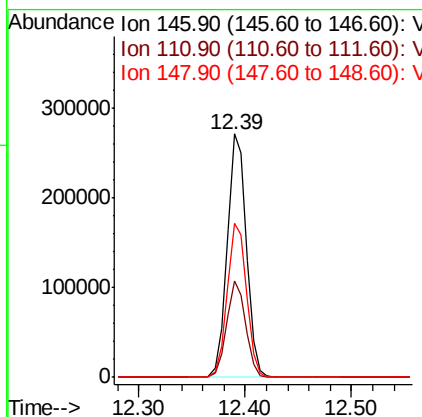
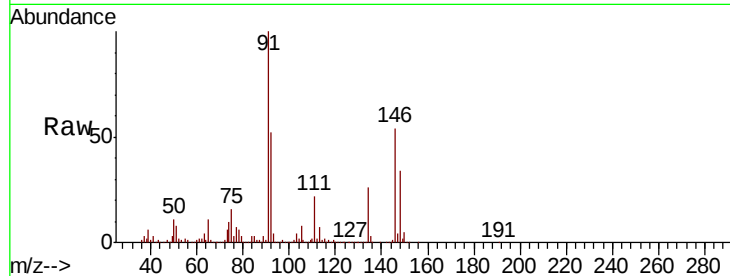




#91
 1,2-Dichlorobenzene
 Concen: 49.607 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

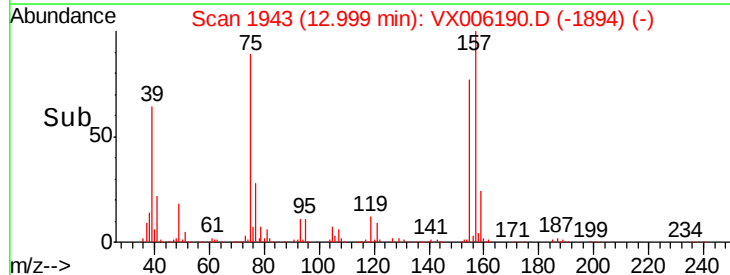
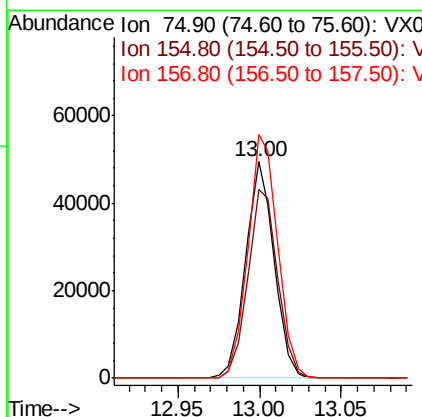
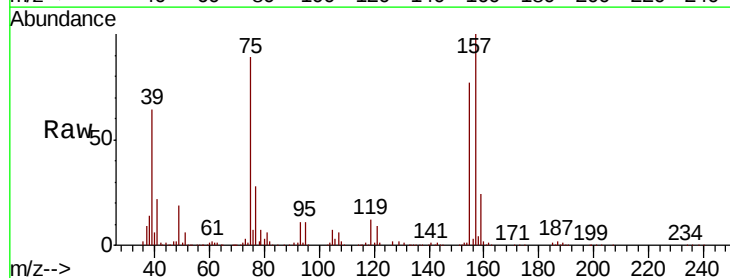
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

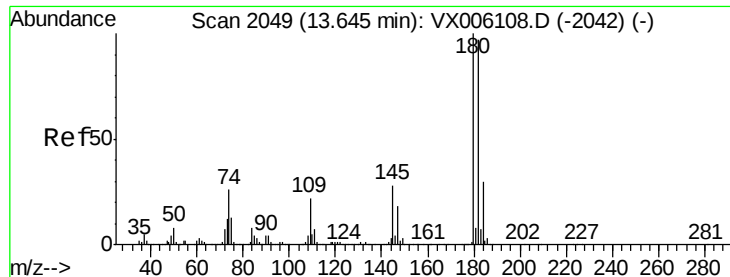
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.8
148	64.1	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.928 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	46.1	138.3
157	117.1	59.8	179.3

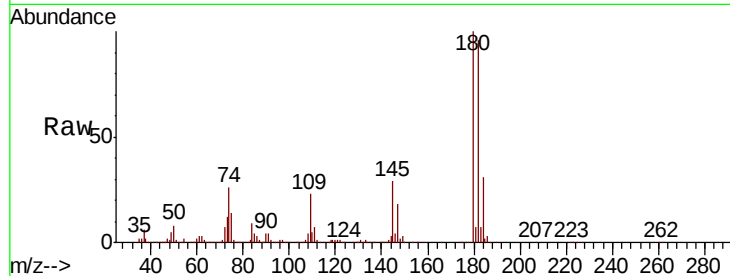




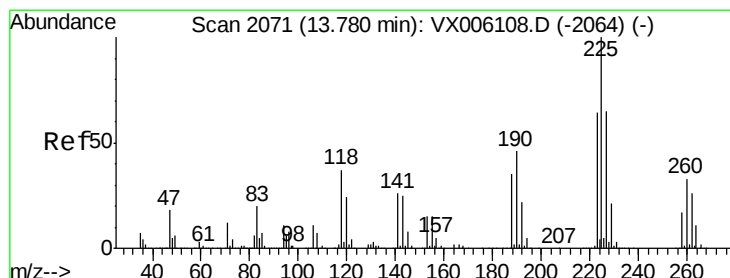
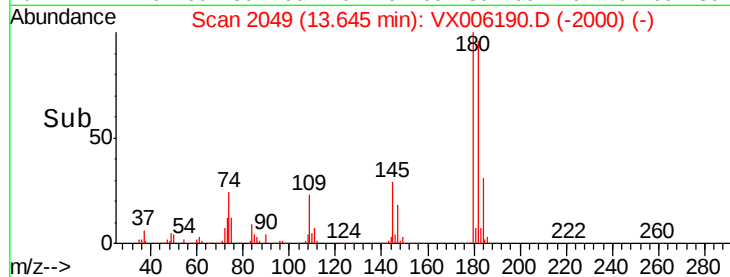
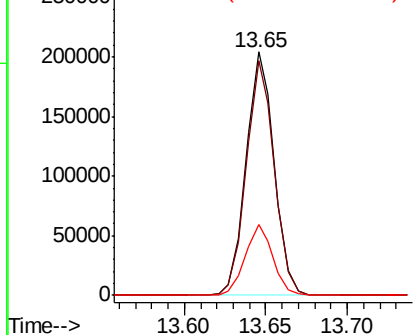
#93
 1,2,4-Trichlorobenzene
 Concen: 50.348 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 244586
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.2 144.6
 145 28.5 14.1 42.2

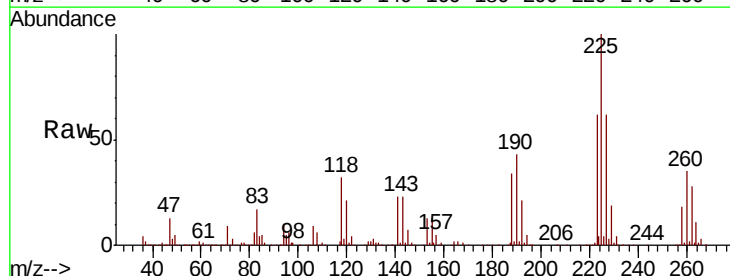


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

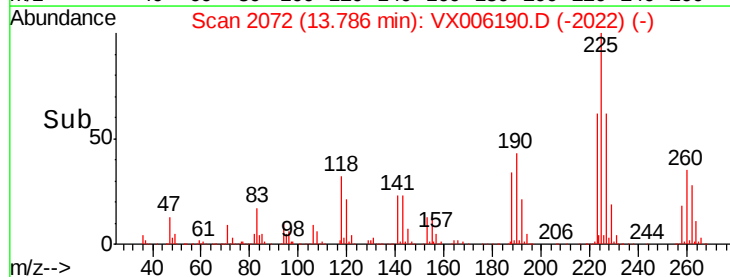
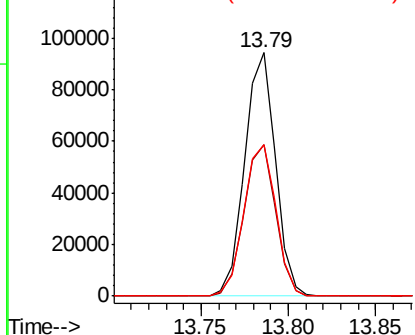


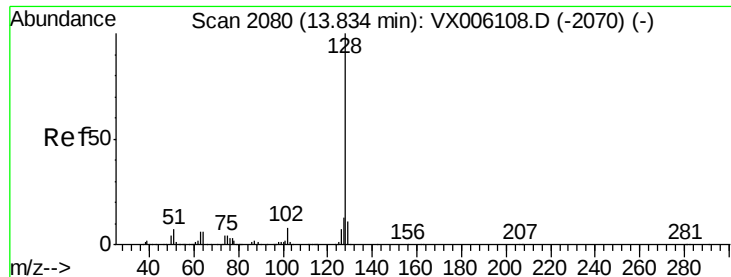
#94
 Hexachlorobutadiene
 Concen: 48.671 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006190.D
 Acq: 26 Nov 2018 22:17

Tgt Ion:225 Resp: 115232
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.2 93.6
 227 64.9 32.4 97.2



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





#95

Naphthalene

Concen: 54.898 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

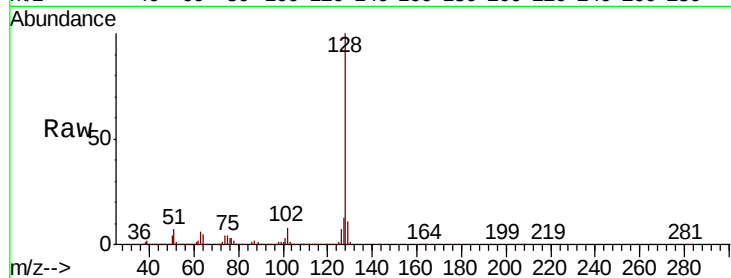
Tot Ion:128 Resp: 784201

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

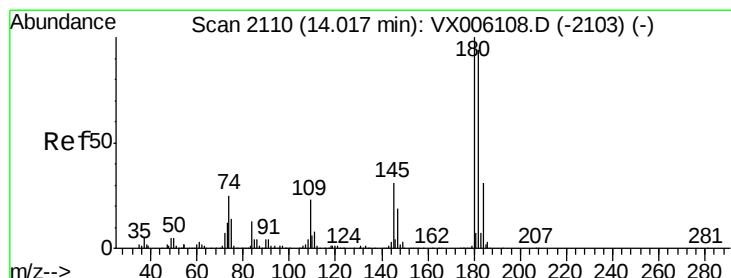
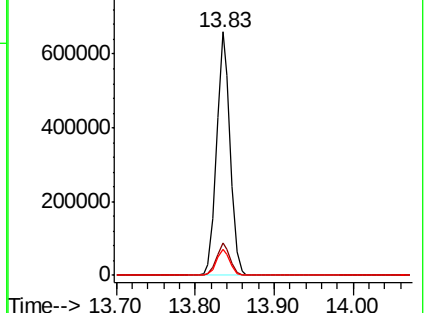
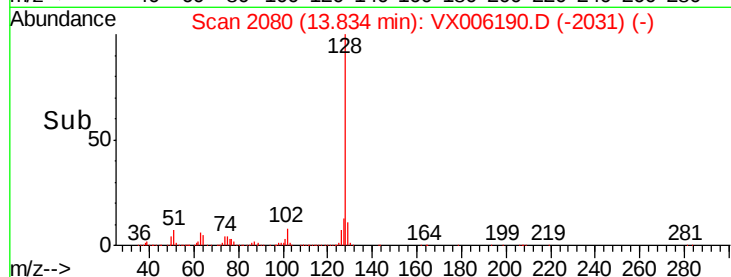
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.787 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006190.D

Acq: 26 Nov 2018 22:17

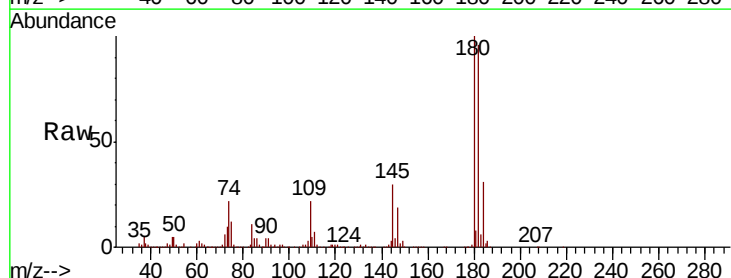
Tgt Ion:180 Resp: 251520

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.5

145 29.9 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

