

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008258.D
 Acq On : 20 Mar 2019 22:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 05:36:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	458938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	412191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192149	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	202130	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
35) Dibromofluoromethane	5.50	113	152696	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	8.71	98	592895	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.13	95	209187	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	173874	51.694	ug/l	97
3) Chloromethane	1.33	50	201520	47.748	ug/l	98
4) Vinyl Chloride	1.41	62	205161	48.755	ug/l	99
5) Bromomethane	1.64	94	172859	48.224	ug/l	100
6) Chloroethane	1.72	64	130926	49.623	ug/l	99
7) Trichlorofluoromethane	1.93	101	255988	47.668	ug/l	97
8) Diethyl Ether	2.19	74	147543	53.400	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	178530	50.071	ug/l	90
10) Methyl Iodide	2.51	142	250610	55.201	ug/l	97
11) Tert butyl alcohol	3.05	59	237569	265.599	ug/l	100
12) 1,1-Dichloroethene	2.37	96	175621	52.172	ug/l	91
13) Acrolein	2.30	56	102673	159.228	ug/l	99
14) Allyl chloride	2.73	41	380451	51.920	ug/l	93
15) Acrylonitrile	3.14	53	631899	267.089	ug/l	99
16) Acetone	2.45	43	554154	233.843	ug/l	97
17) Carbon Disulfide	2.57	76	533761	48.597	ug/l	99
18) Methyl Acetate	2.78	43	312674	56.992	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	653546	53.697	ug/l	99
20) Methylene Chloride	2.86	84	203859	51.589	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	187195	51.477	ug/l	92
22) Diisopropyl ether	3.86	45	767771	53.498	ug/l	91
23) Vinyl Acetate	3.82	43	3344125	271.789	ug/l	98
24) 1,1-Dichloroethane	3.70	63	390151	52.857	ug/l	98
25) 2-Butanone	4.68	43	917030	262.150	ug/l	98
26) 2,2-Dichloropropane	4.59	77	252317	45.377	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	216275	52.171	ug/l	93
28) Bromochloromethane	5.02	49	154795	46.703	ug/l	83
29) Tetrahydrofuran	5.13	42	609795	278.856	ug/l	96
30) Chloroform	5.21	83	364496	52.791	ug/l	99
31) Cyclohexane	5.59	56	360291	51.981	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	305187	53.136	ug/l	97
36) 1,1-Dichloropropene	5.81	75	277825	51.995	ug/l	97
37) Ethyl Acetate	4.84	43	350838	55.545	ug/l	98
38) Carbon Tetrachloride	5.79	117	255999	53.772	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008258.D
 Acq On : 20 Mar 2019 22:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 05:36:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	327518	50.936	ug/l	94
40) Benzene	6.15	78	846181	53.505	ug/l	99
41) Methacrylonitrile	5.04	41	197359	55.704	ug/l	96
42) 1,2-Dichloroethane	6.20	62	307282	53.039	ug/l	95
43) Isopropyl Acetate	6.45	43	560731	55.385	ug/l	97
44) Trichloroethene	7.21	130	201802	52.187	ug/l	90
45) 1,2-Dichloropropane	7.51	63	234797	53.035	ug/l	99
46) Dibromomethane	7.66	93	141702	52.864	ug/l	88
47) Bromodichloromethane	7.90	83	277429	54.307	ug/l	98
48) Methyl methacrylate	7.77	41	296983	55.168	ug/l	93
49) 1,4-Dioxane	7.74	88	103366	1088.110	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1821862	278.348	ug/l	98
52) Toluene	8.79	92	506513	53.986	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	311948	48.796	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	340276	53.672	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	208566	55.019	ug/l	98
56) Ethyl methacrylate	9.18	69	346021	52.018	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	370065	55.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	792811	255.259	ug/l	94
59) 2-Hexanone	9.49	43	1365229	270.929	ug/l	96
60) Dibromochloromethane	9.58	129	207958	57.082	ug/l	100
61) 1,2-Dibromoethane	9.67	107	216506	54.698	ug/l	99
64) Tetrachloroethene	9.34	164	200180	53.830	ug/l	95
65) Chlorobenzene	10.14	112	528494	52.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	191734	54.220	ug/l	99
67) Ethyl Benzene	10.25	91	951955	53.263	ug/l	97
68) m/p-Xylenes	10.36	106	709474	108.062	ug/l	94
69) o-Xylene	10.70	106	342736	53.723	ug/l	94
70) Styrene	10.71	104	572313	55.200	ug/l	96
71) Bromoform	10.85	173	152316	49.991	ug/l #	99
73) Isopropylbenzene	11.02	105	913415	53.331	ug/l	99
74) N-amyl acetate	10.90	43	478143	53.284	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	317093	51.631	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	381937	70.671	ug/l	90
77) Bromobenzene	11.26	156	219240	52.943	ug/l	86
78) n-propylbenzene	11.36	91	1067358	53.656	ug/l	96
79) 2-Chlorotoluene	11.42	91	629051	52.686	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	752685	53.194	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	99362	46.960	ug/l	93
82) 4-Chlorotoluene	11.51	91	732151	52.696	ug/l	95
83) tert-Butylbenzene	11.77	119	717995	53.148	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	770811	53.734	ug/l	98
85) sec-Butylbenzene	11.94	105	901447	53.883	ug/l	97
86) p-Isopropyltoluene	12.06	119	776420	53.616	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	386120	52.174	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	387660	50.641	ug/l	98
89) n-Butylbenzene	12.38	91	709917	52.232	ug/l	97
90) Hexachloroethane	12.60	117	133900	54.292	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	391771	52.502	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71342	52.301	ug/l	80

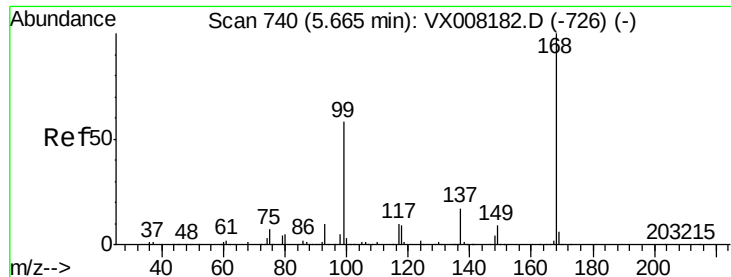
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
Data File : VX008258.D
Acq On : 20 Mar 2019 22:17
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 22 05:36:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	255248	51.931	ug/l	99
94) Hexachlorobutadiene	13.78	225	126377	52.720	ug/l	100
95) Naphthalene	13.83	128	849091	54.734	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	257150	53.170	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: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

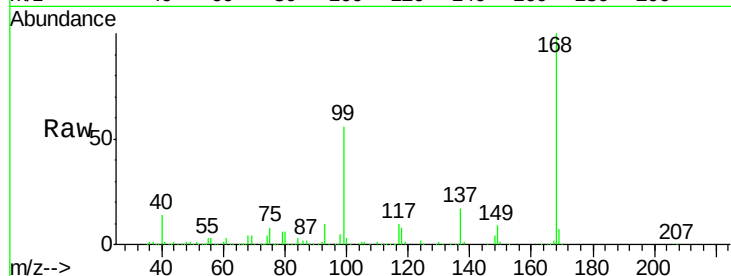
VSTDCCC050

Tot Ion:168 Resp: 277426

Ion Ratio Lower Upper

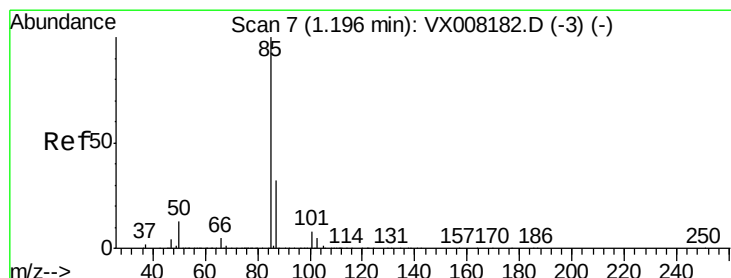
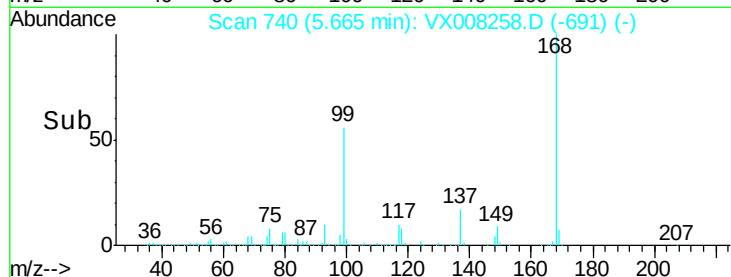
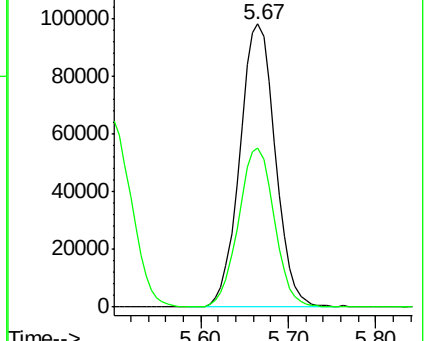
168 100

99 55.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.694 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008258.D

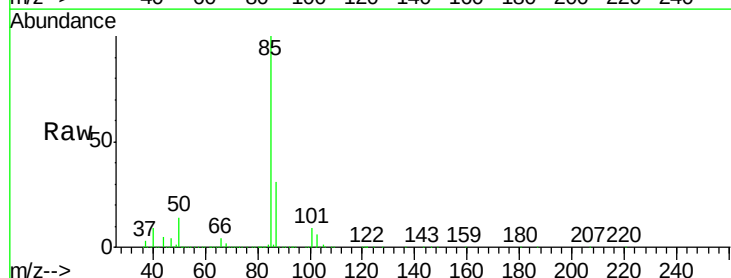
Acq: 20 Mar 2019 22:17

Tgt Ion: 85 Resp: 173874

Ion Ratio Lower Upper

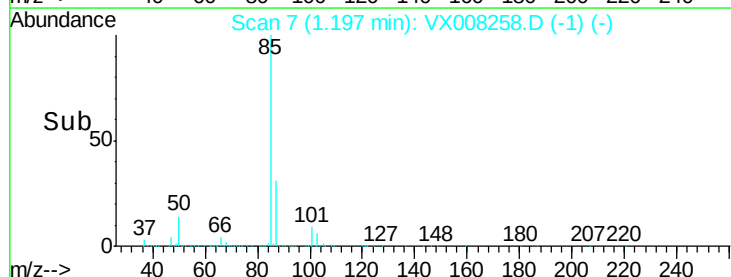
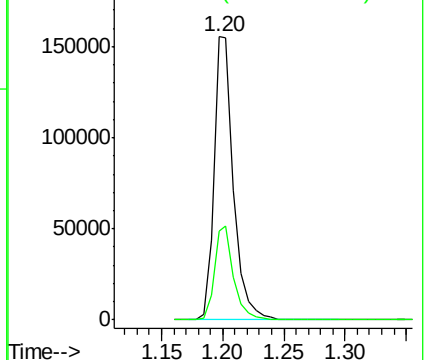
85 100

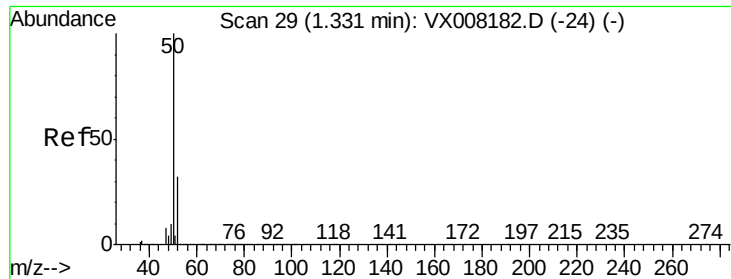
87 31.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.748 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

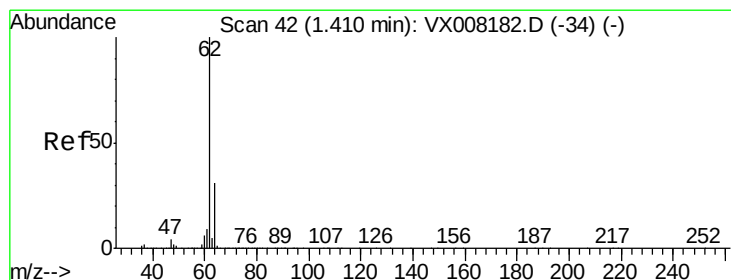
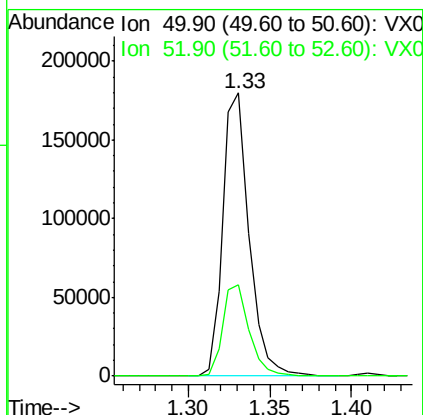
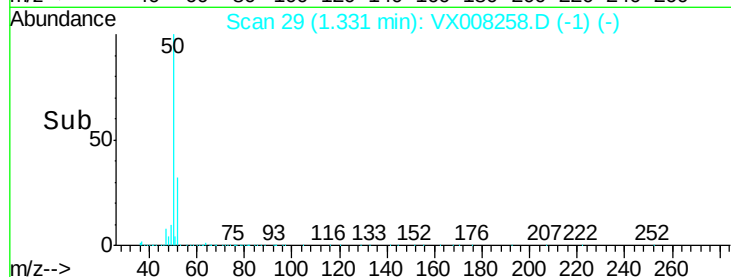
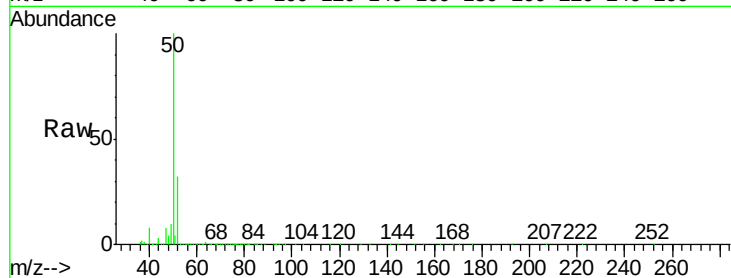
VSTDCCC050

Tot Ion: 50 Resp: 201520

Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



#4

Vinyl Chloride

Concen: 48.755 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008258.D

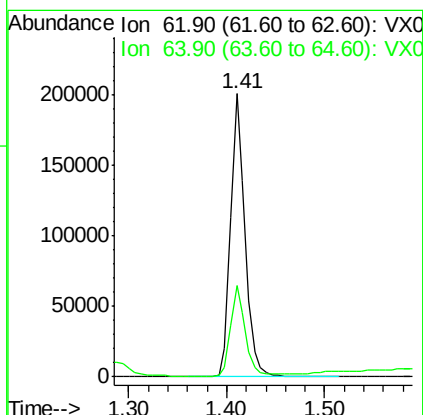
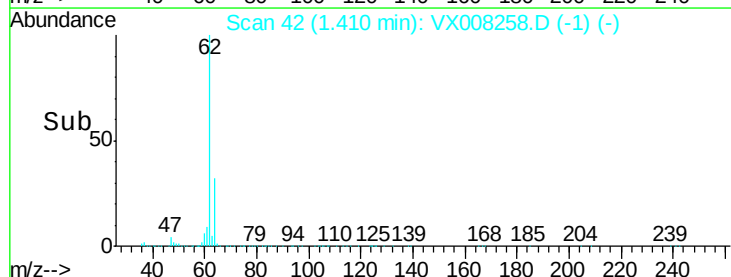
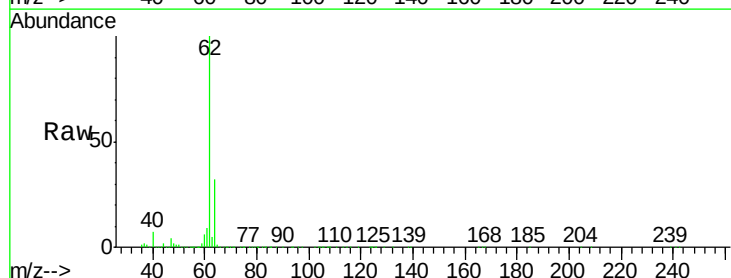
Acq: 20 Mar 2019 22:17

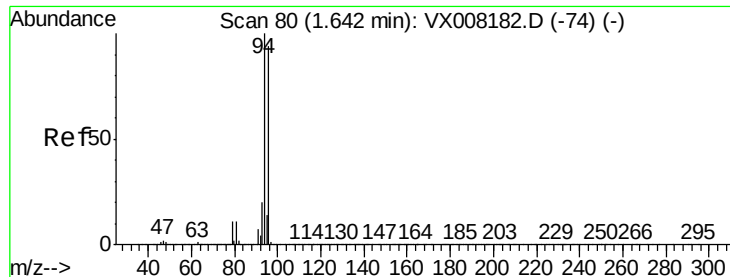
Tgt Ion: 62 Resp: 205161

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9





#5

Bromomethane

Concen: 48.224 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

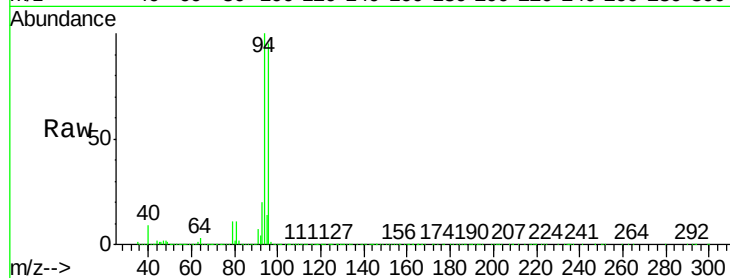
VSTDCCC050

Tot Ion: 94 Resp: 172859

Ion Ratio Lower Upper

94 100

96 94.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

200000

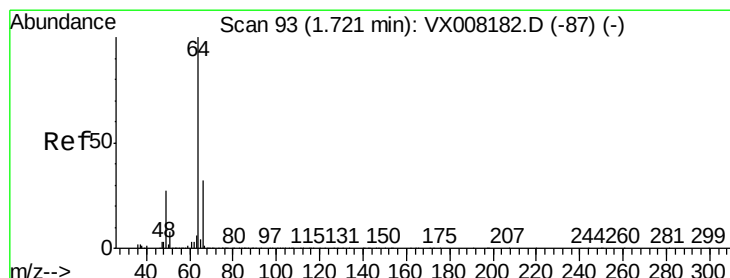
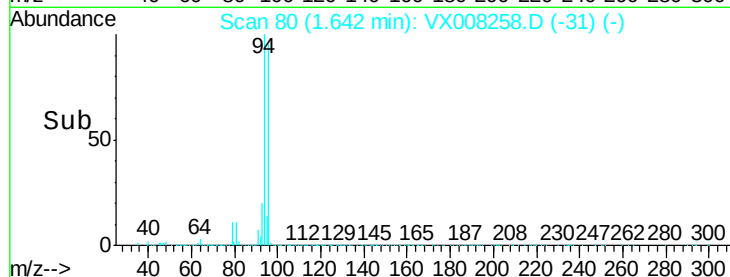
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 49.623 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008258.D

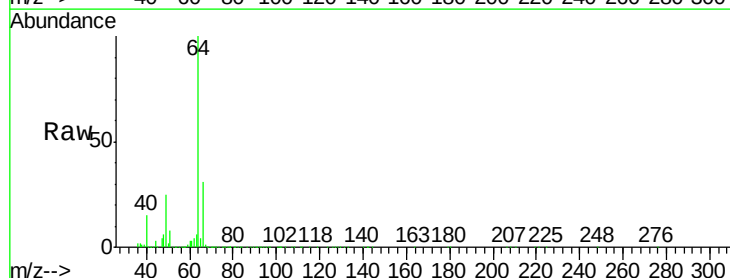
Acq: 20 Mar 2019 22:17

Tgt Ion: 64 Resp: 130926

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

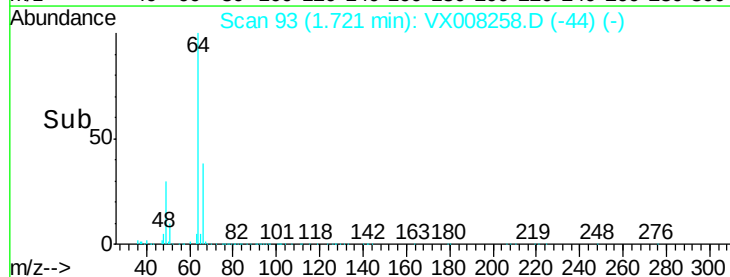
60000

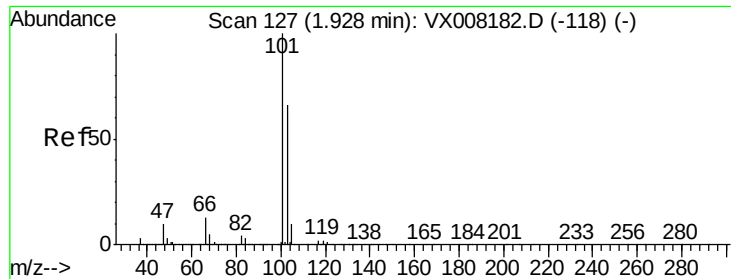
40000

20000

0

Time-->



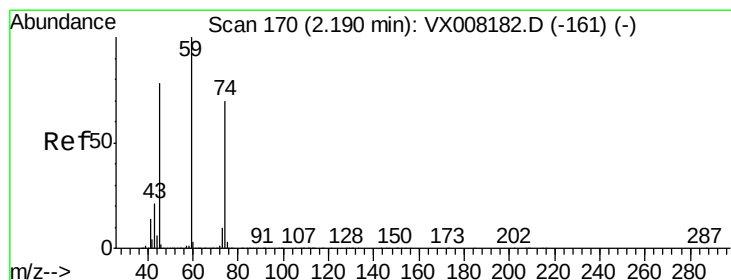
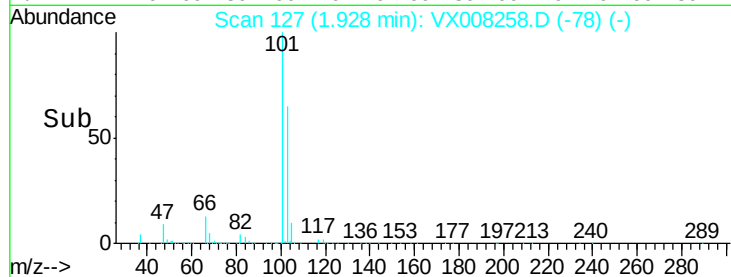
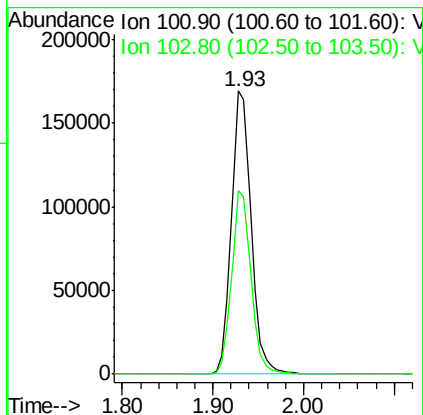
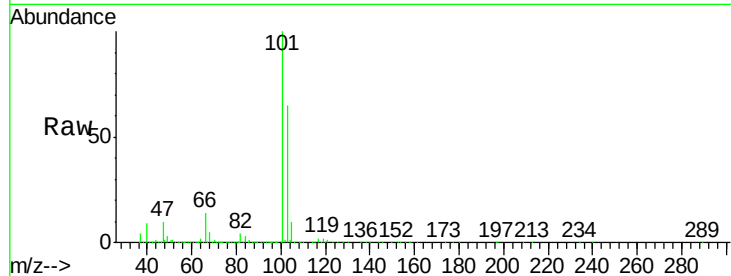


#7

Trichlorofluoromethane
 Concen: 47.668 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

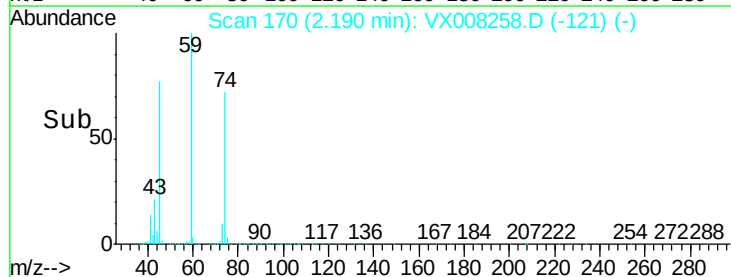
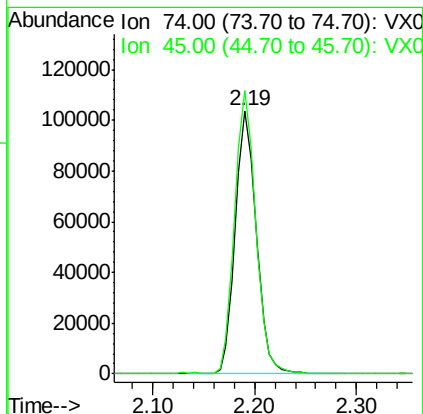
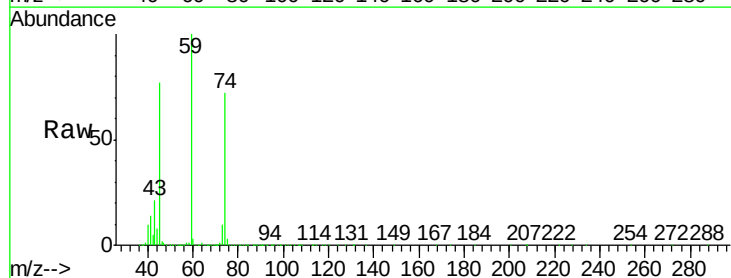
Tot Ion:101 Resp: 255988
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.4 75.6

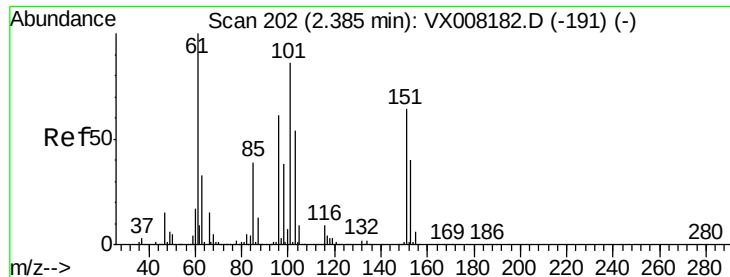


#8

Diethyl Ether
 Concen: 53.400 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Tgt Ion: 74 Resp: 147543
 Ion Ratio Lower Upper
 74 100
 45 107.5 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.071 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

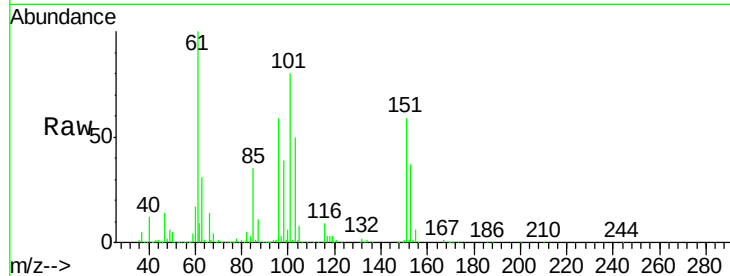
Tot Ion:101 Resp: 178530

Ion Ratio Lower Upper

101 100

85 45.1 33.8 50.6

151 75.3 69.1 103.7



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

120000

100000

80000

60000

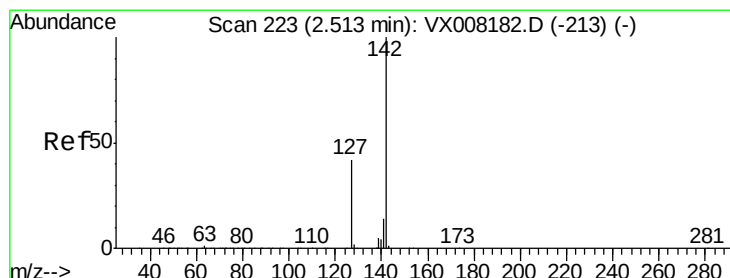
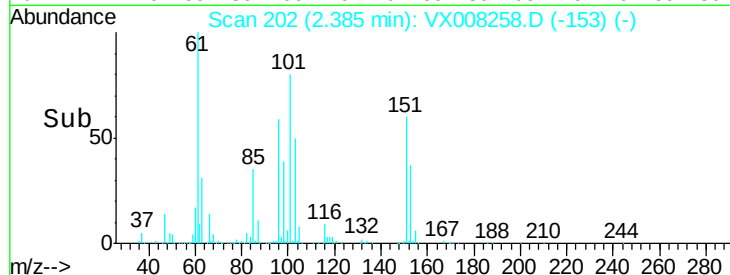
40000

20000

0

2.39

Time--> 2.20 2.30 2.40 2.50



#10

Methyl Iodide

Concen: 55.201 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

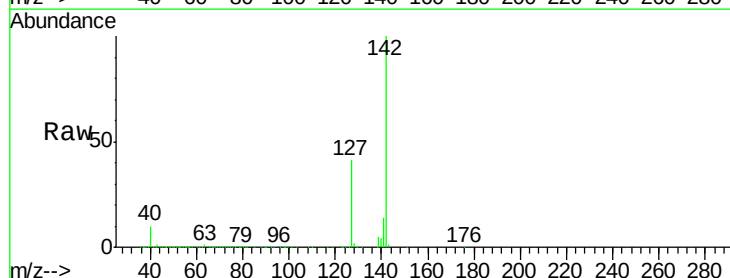
Tgt Ion:142 Resp: 250610

Ion Ratio Lower Upper

142 100

127 42.5 32.1 48.1

141 14.6 11.4 17.2



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

200000

150000

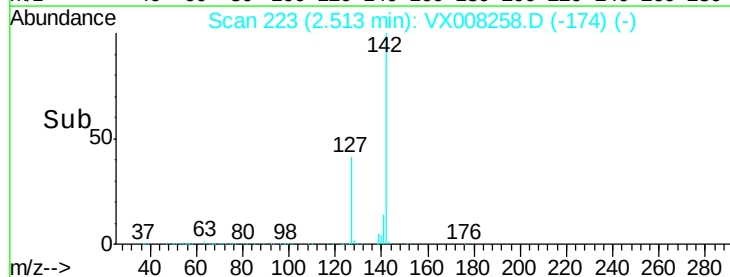
100000

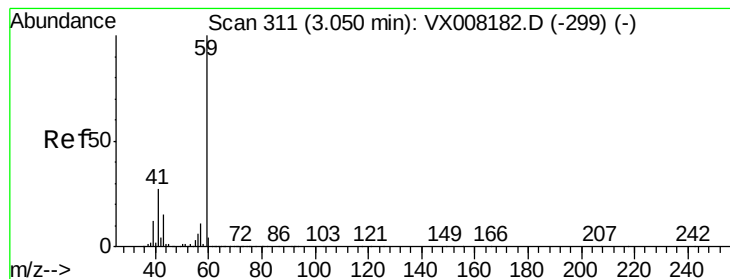
50000

0

2.51

Time--> 2.40 2.50 2.60



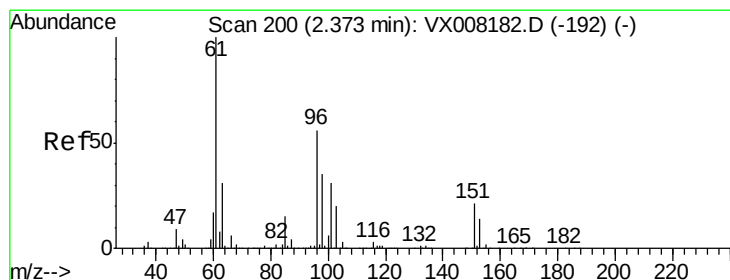
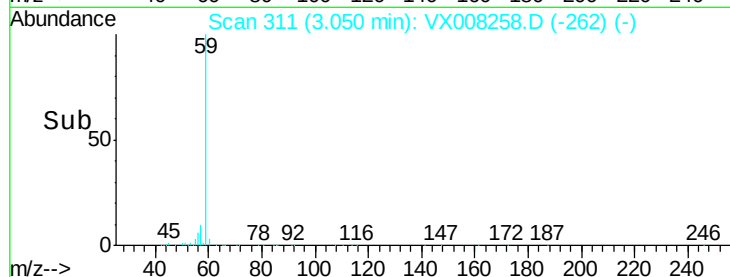
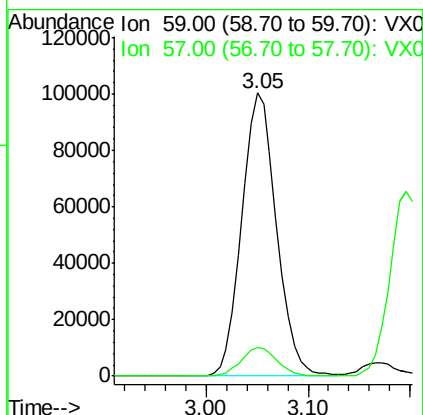
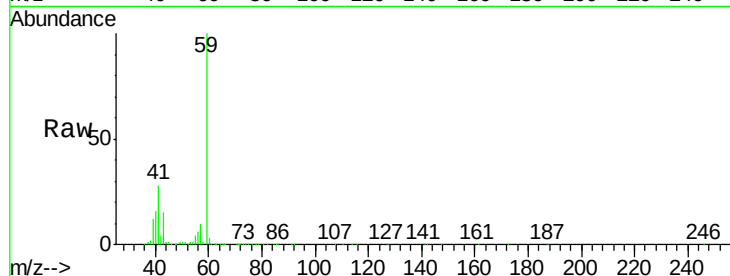


#11

Tert butyl alcohol
 Concen: 265.599 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

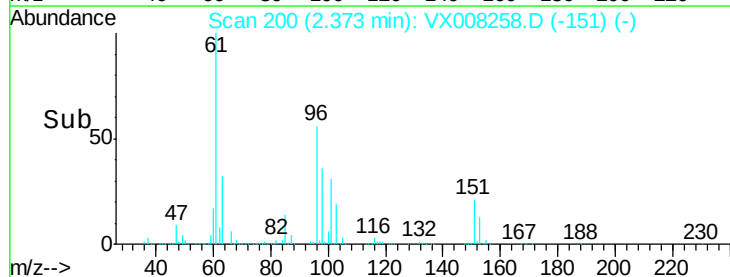
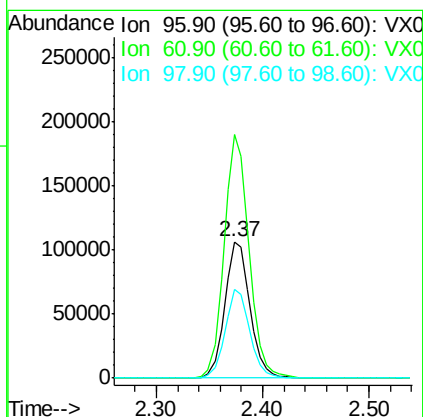
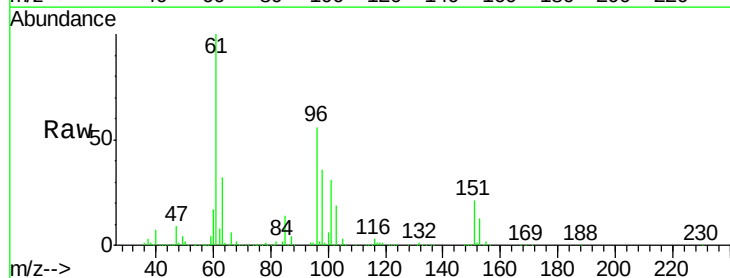
Tot Ion: 59 Resp: 237569
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

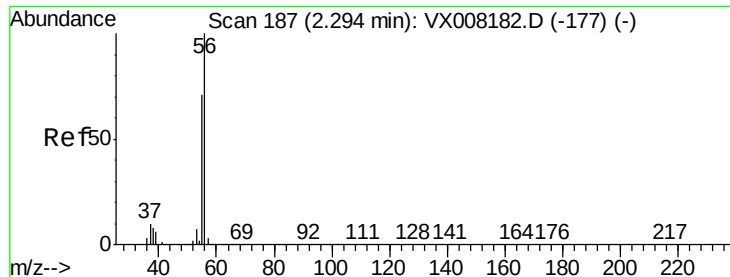


#12

1,1-Dichloroethene
 Concen: 52.172 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Tgt Ion: 96 Resp: 175621
 Ion Ratio Lower Upper
 96 100
 61 178.2 129.8 194.6
 98 65.0 51.0 76.6





#13

Acrolein

Concen: 159.228 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

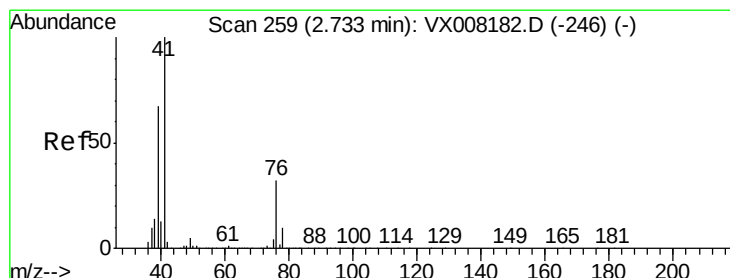
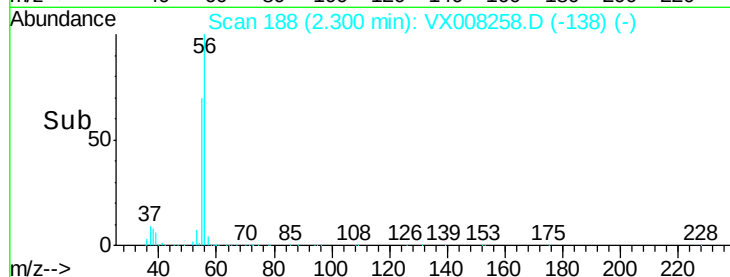
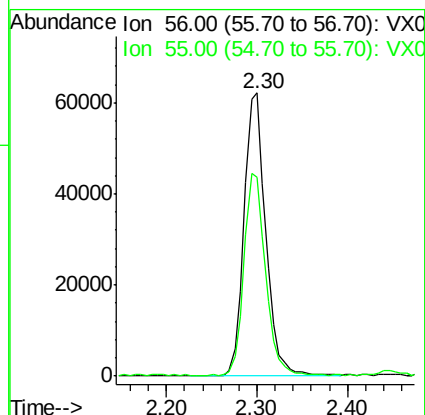
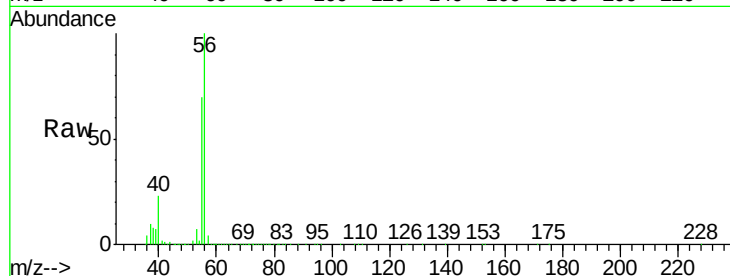
VSTDCCC050

Tot Ion: 56 Resp: 102673

Ion Ratio Lower Upper

56 100

55 71.5 57.8 86.6



#14

Allyl chloride

Concen: 51.920 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

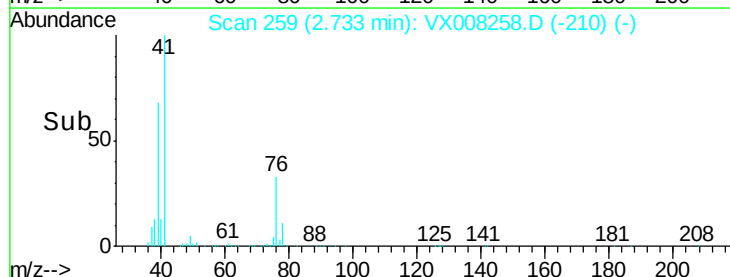
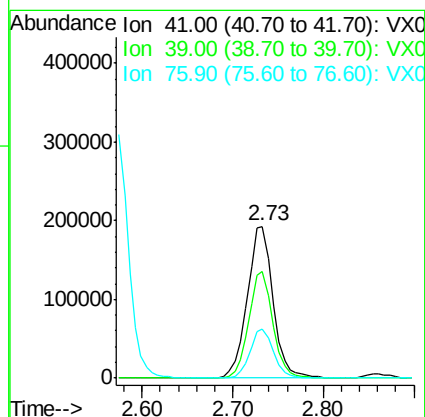
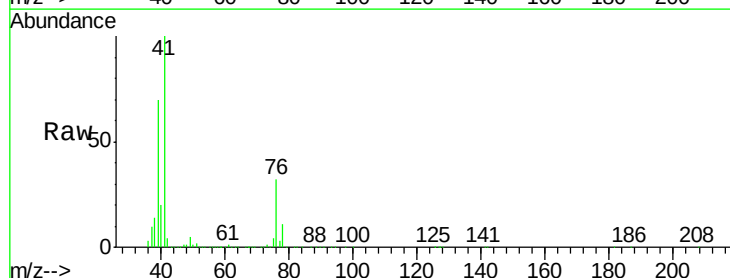
Tgt Ion: 41 Resp: 380451

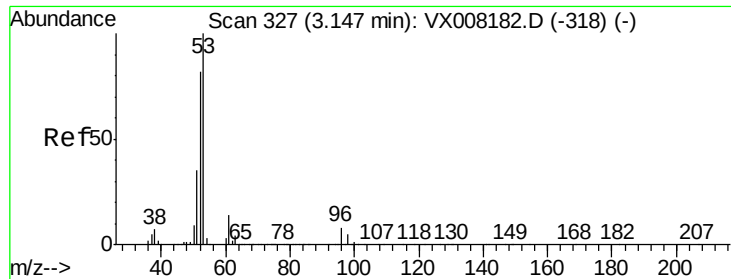
Ion Ratio Lower Upper

41 100

39 65.1 46.1 69.1

76 29.2 24.0 36.0





#15

Acrylonitrile

Concen: 267.089 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

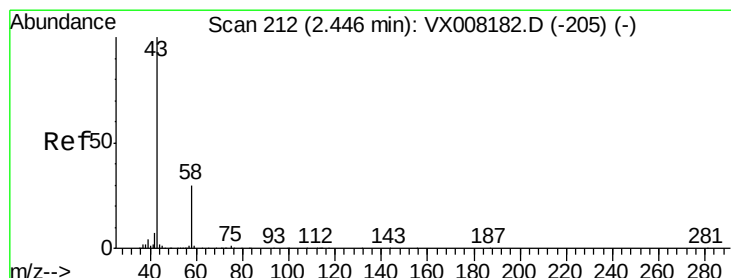
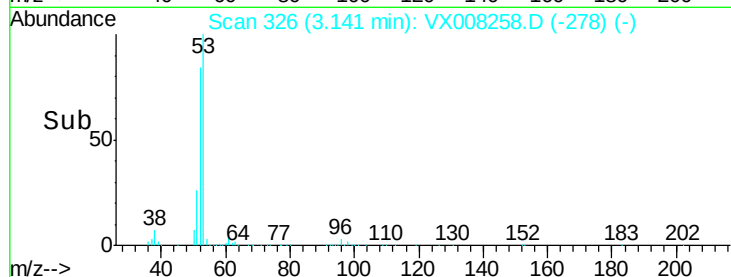
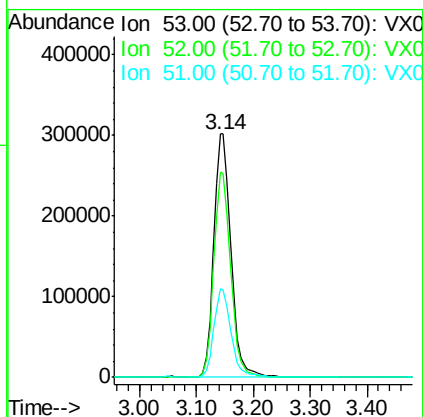
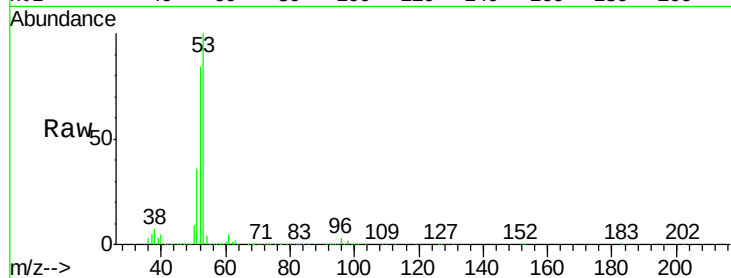
Tot Ion: 53 Resp: 631899

Ion Ratio Lower Upper

53 100

52 83.0 66.0 99.0

51 36.1 28.0 42.0



#16

Acetone

Concen: 233.843 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008258.D

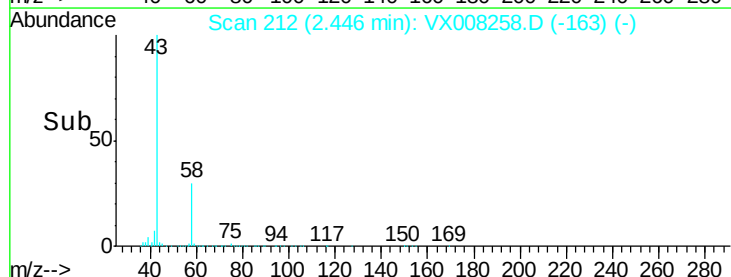
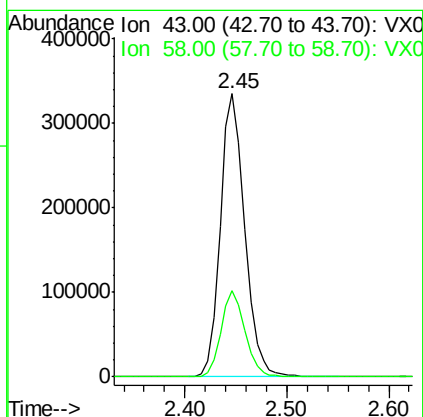
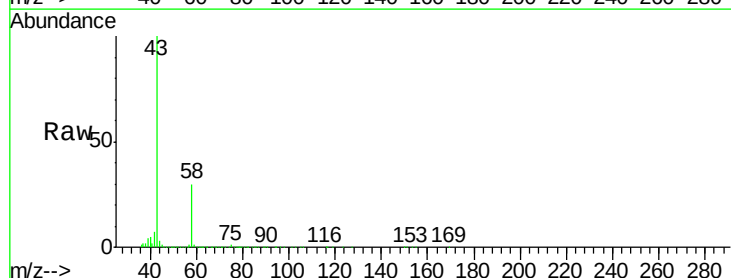
Acq: 20 Mar 2019 22:17

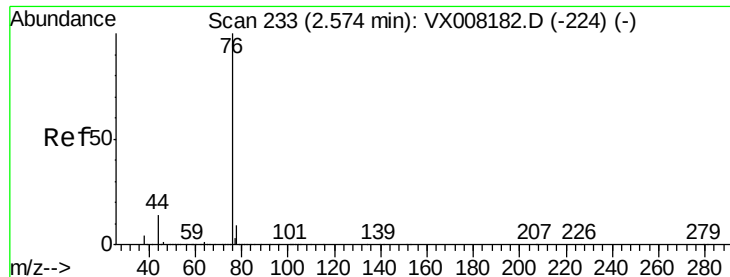
Tgt Ion: 43 Resp: 554154

Ion Ratio Lower Upper

43 100

58 30.3 25.5 38.3





#17

Carbon Disulfide

Concen: 48.597 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

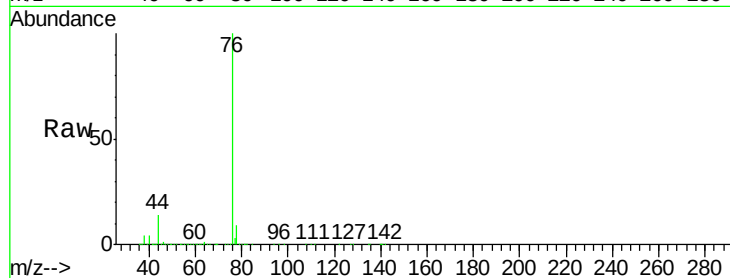
VSTDCCC050

Tot Ion: 76 Resp: 533761

Ion Ratio Lower Upper

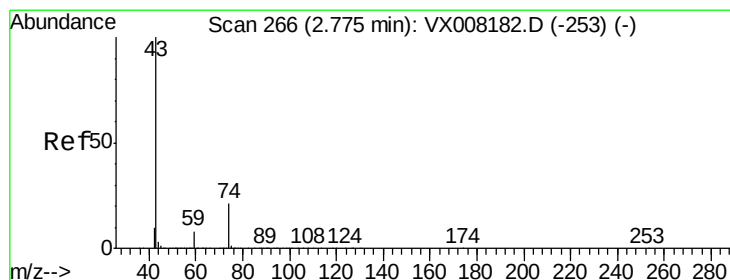
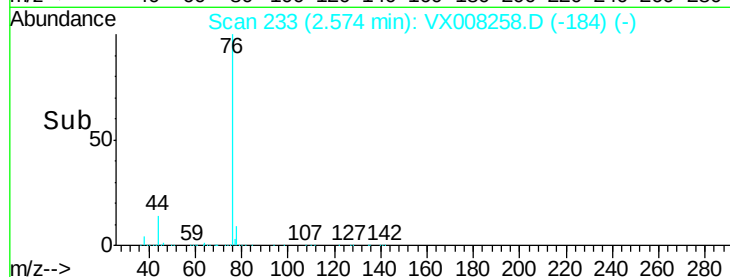
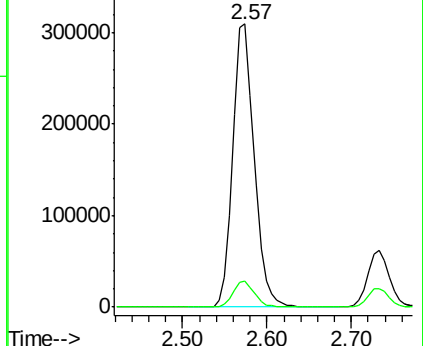
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.992 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008258.D

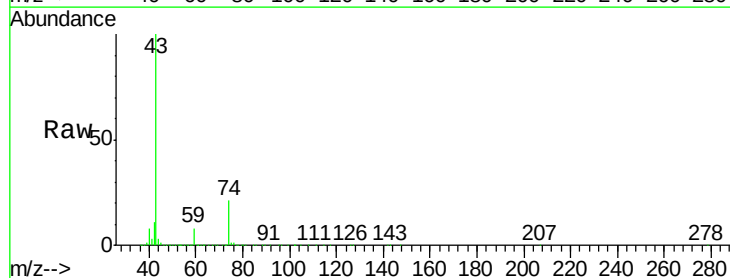
Acq: 20 Mar 2019 22:17

Tgt Ion: 43 Resp: 312674

Ion Ratio Lower Upper

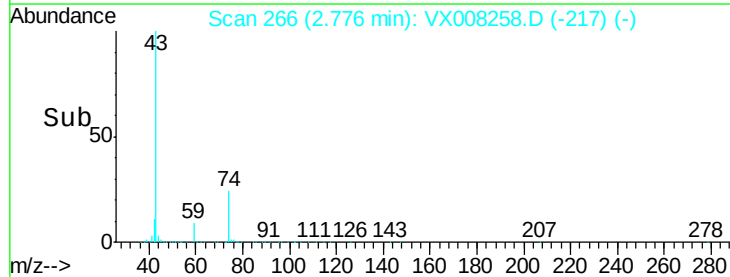
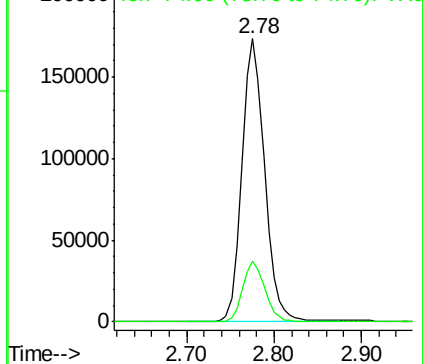
43 100

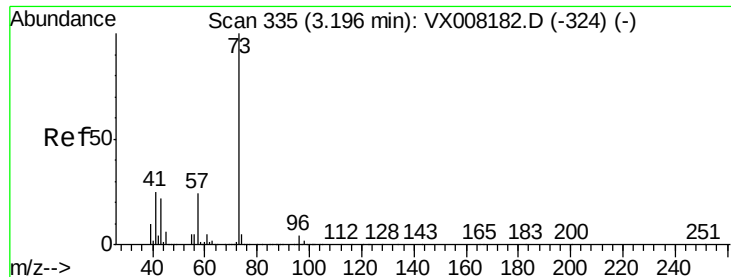
74 21.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



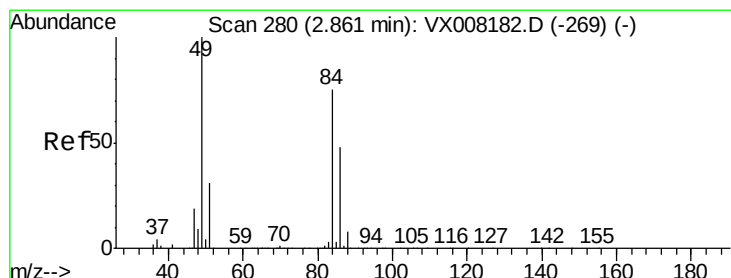
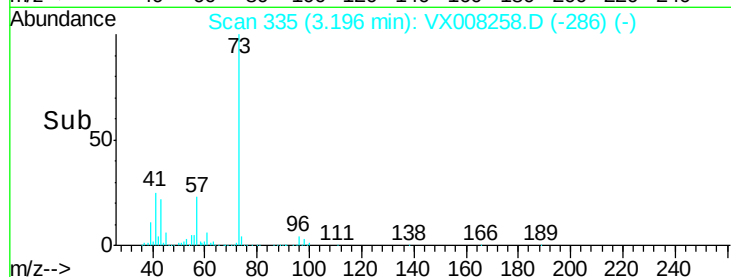
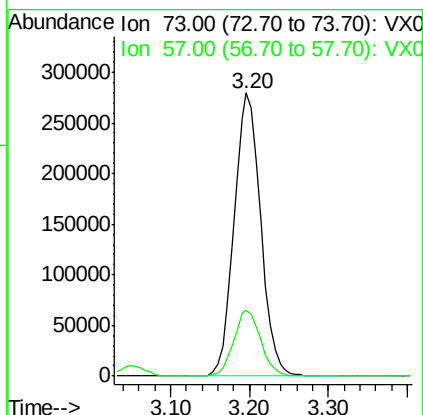
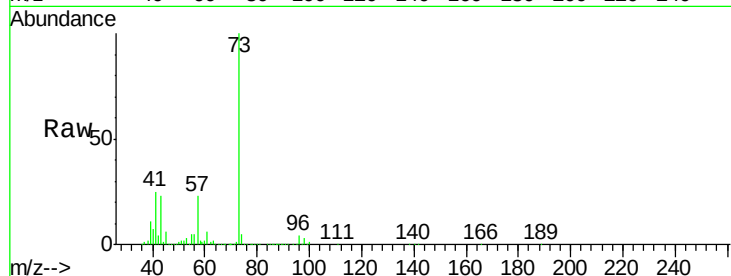


#19

Methyl tert-butyl Ether
 Concen: 53.697 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

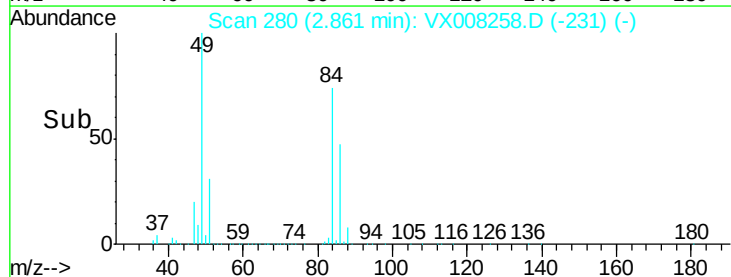
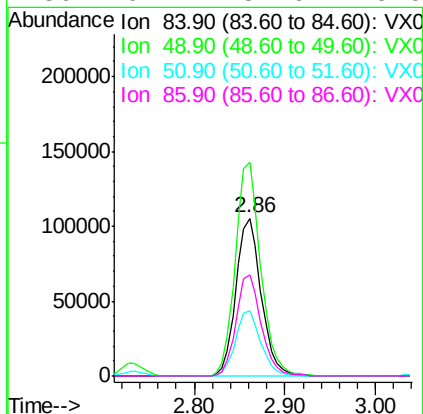
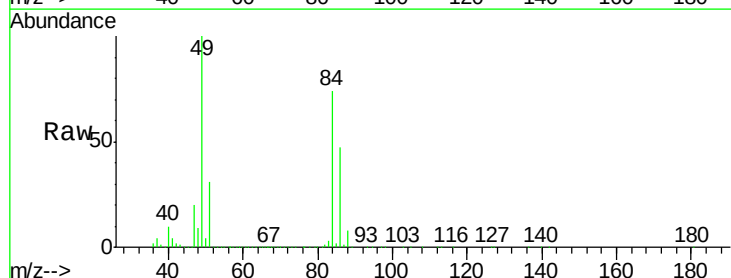
Tot Ion: 73 Resp: 653546
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.2 27.4

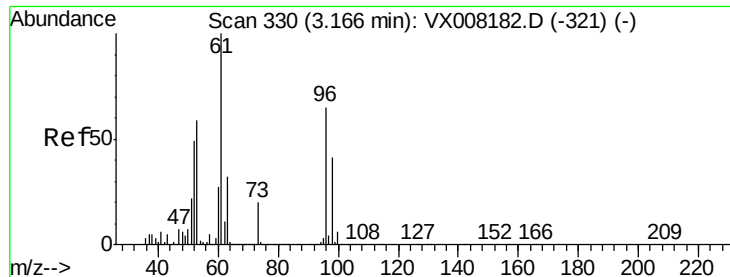


#20

Methylene Chloride
 Concen: 51.589 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Tgt Ion: 84 Resp: 203859
 Ion Ratio Lower Upper
 84 100
 49 135.2 99.3 148.9
 51 41.6 31.3 46.9
 86 64.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 51.477 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

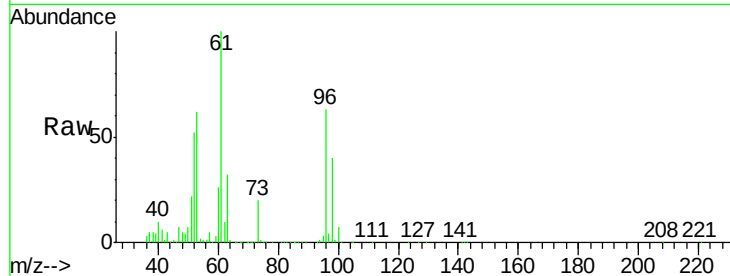
Tot Ion: 96 Resp: 187195

Ion Ratio Lower Upper

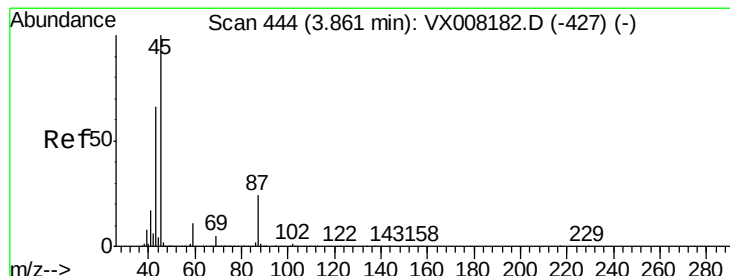
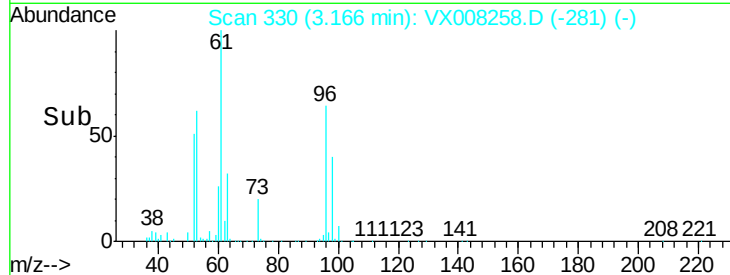
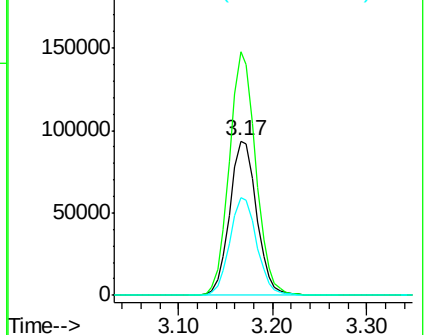
96 100

61 157.4 114.4 171.6

98 63.5 51.1 76.7



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: 53.498 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Tgt Ion: 45 Resp: 767771

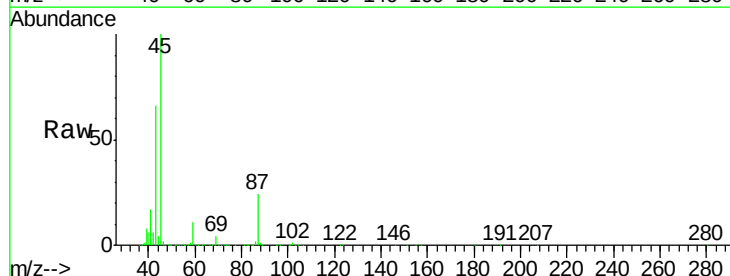
Ion Ratio Lower Upper

45 100

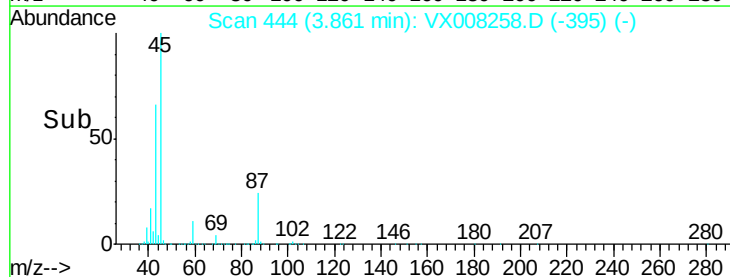
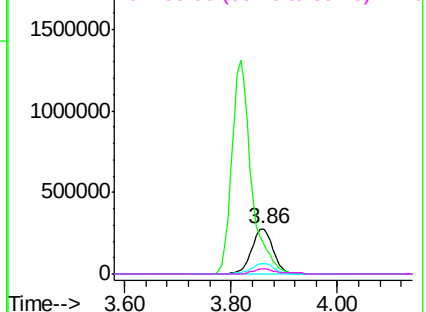
43 66.1 45.3 67.9

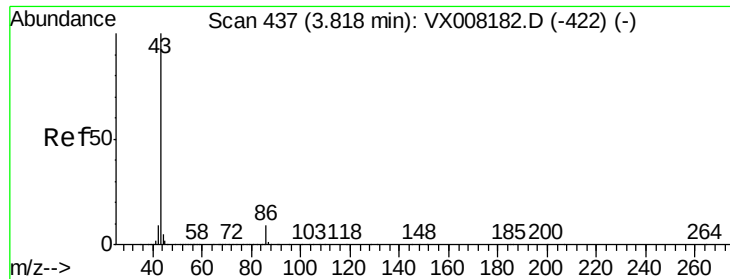
87 24.0 21.4 32.0

59 10.9 9.5 14.3



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: 271.789 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampled :

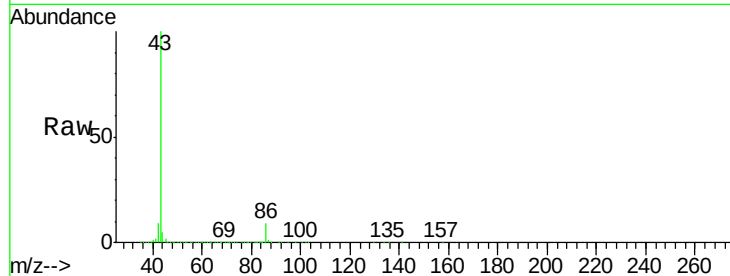
VSTDCCC050

Tot Ion: 43 Resp: 3344125

Ion Ratio Lower Upper

43 100

86 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

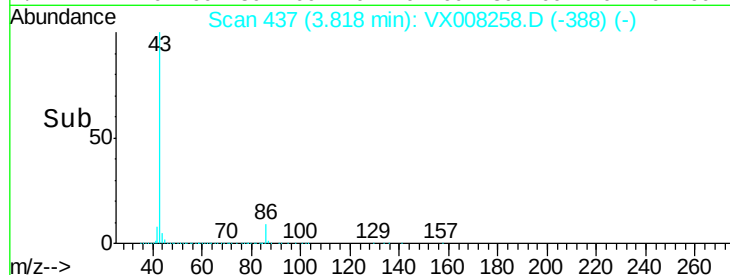
1500000

1000000

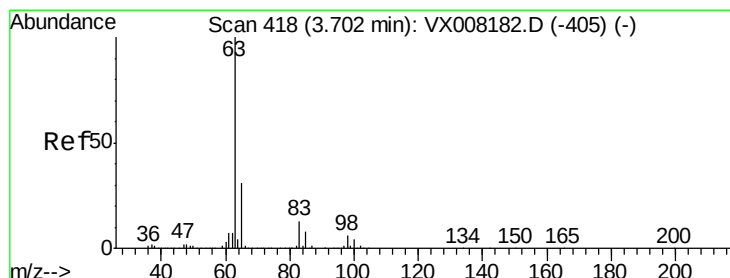
500000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 52.857 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

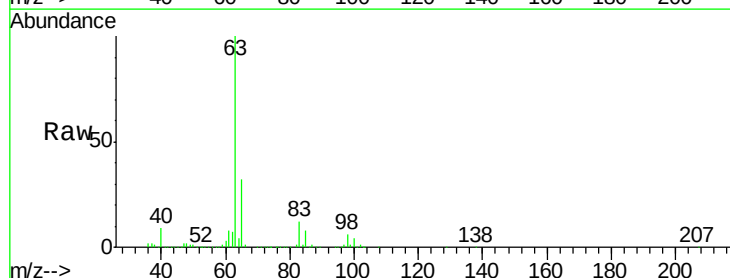
Tgt Ion: 63 Resp: 390151

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 3.8 2.3 6.8



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

200000

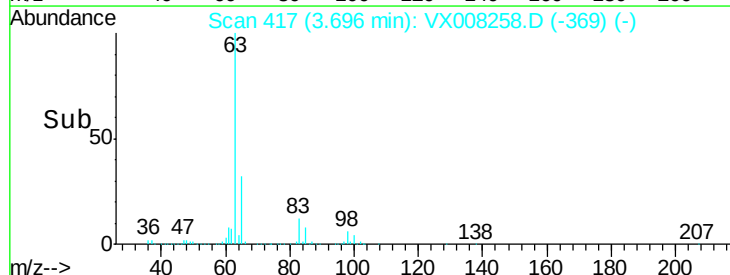
150000

100000

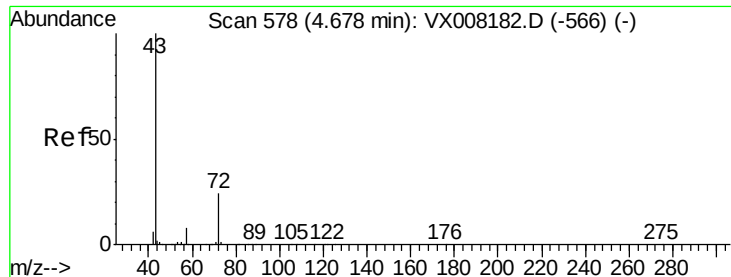
50000

0

Time-->



Time-->



#25

2-Butanone

Concen: 262.150 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

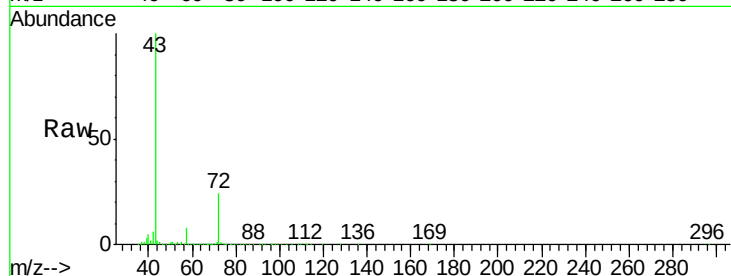
VSTDCCC050

Tot Ion: 43 Resp: 917030

Ion Ratio Lower Upper

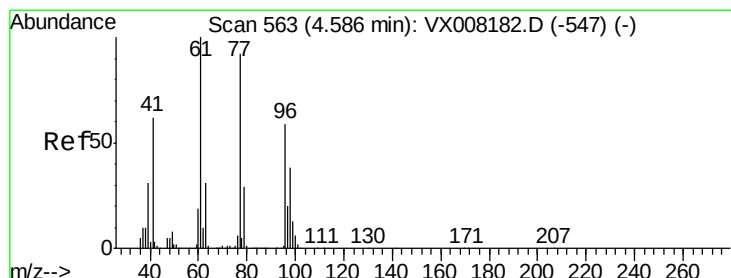
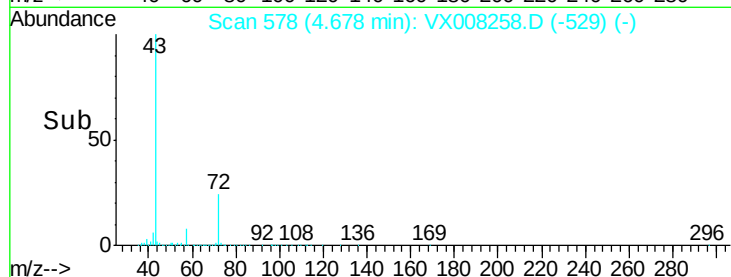
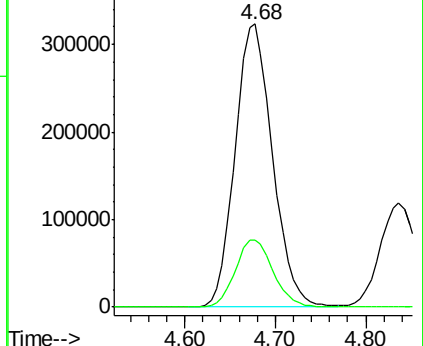
43 100

72 23.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.377 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008258.D

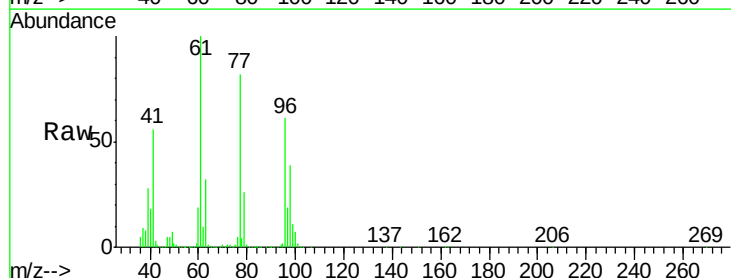
Acq: 20 Mar 2019 22:17

Tgt Ion: 77 Resp: 252317

Ion Ratio Lower Upper

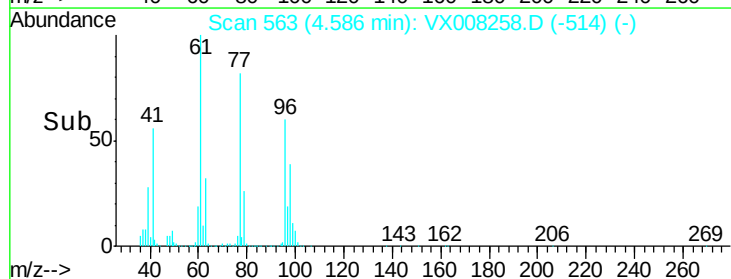
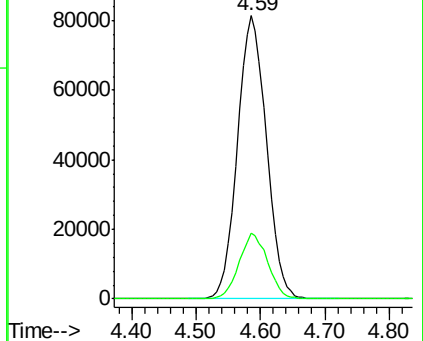
77 100

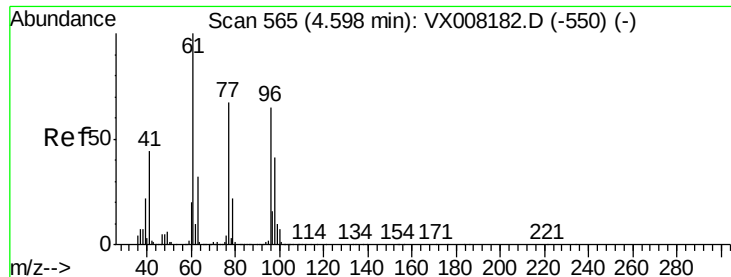
97 23.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



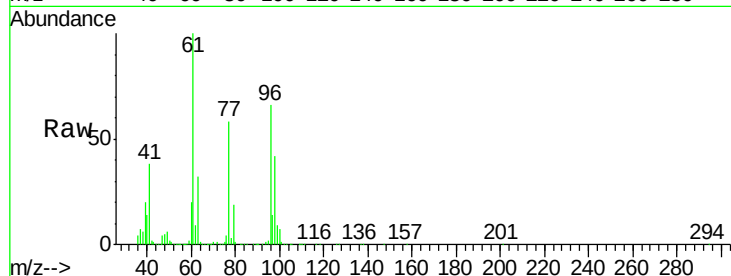


#27

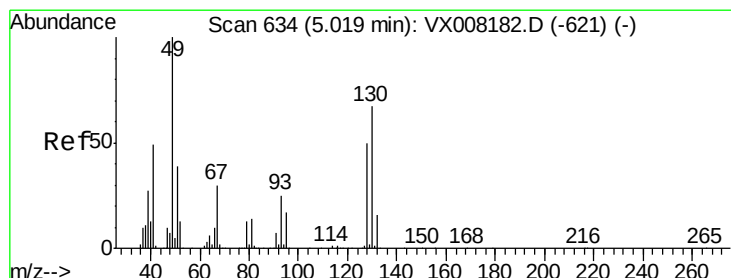
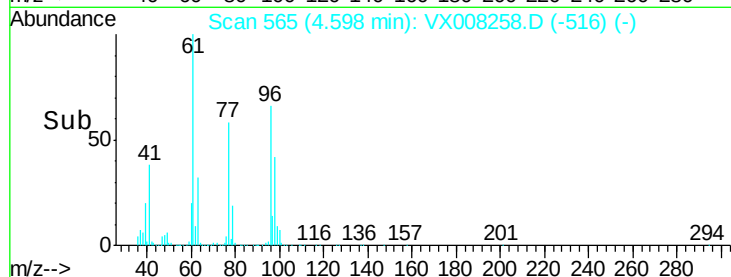
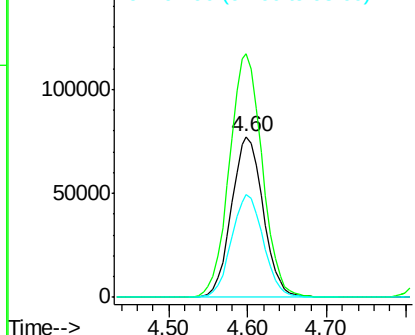
cis-1,2-Dichloroethene
 Concen: 52.171 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.8	0.0	288.0
98	64.5	0.0	129.0



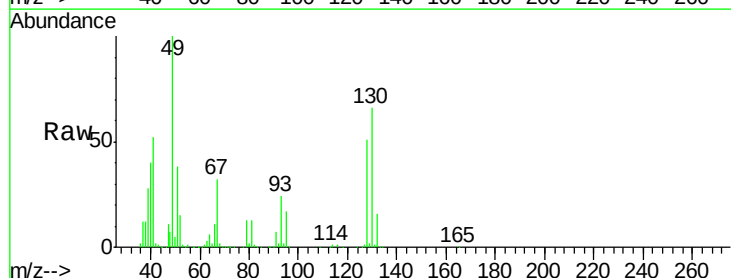
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



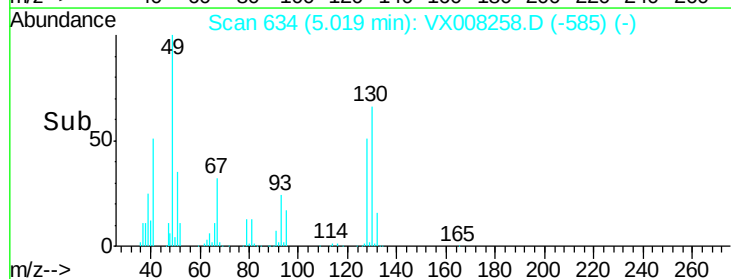
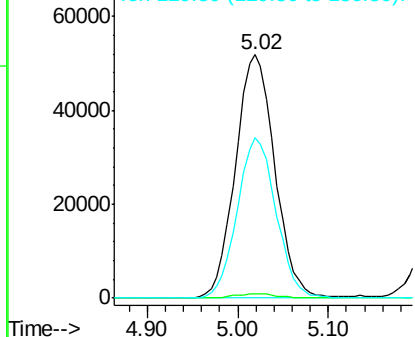
#28

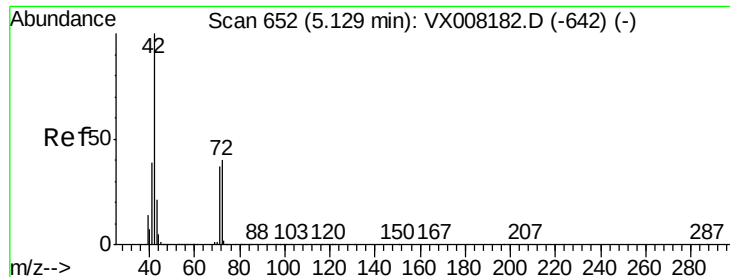
Bromochloromethane
 Concen: 46.703 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	65.5	65.0	97.4



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: 278.856 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

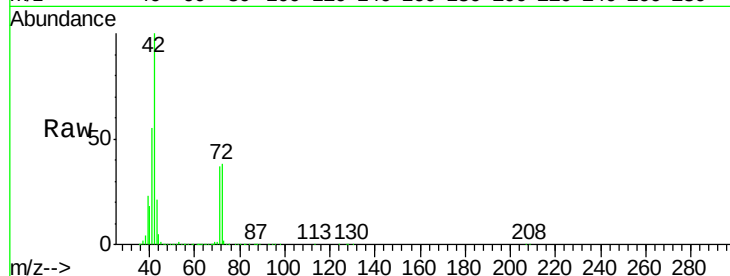
Tot Ion: 42 Resp: 609795

Ion Ratio Lower Upper

42 100

72 39.5 33.8 50.6

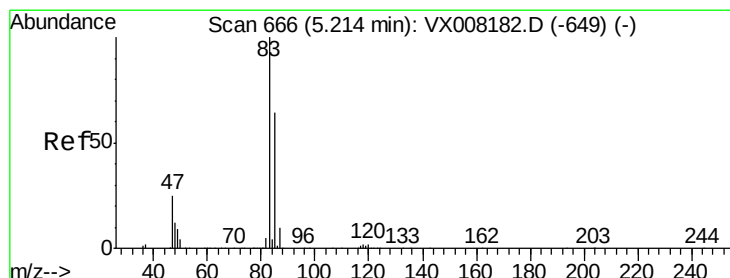
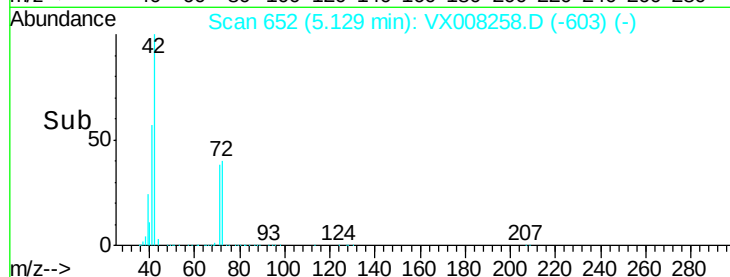
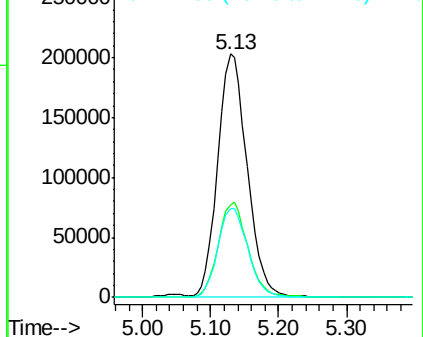
71 37.4 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.791 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008258.D

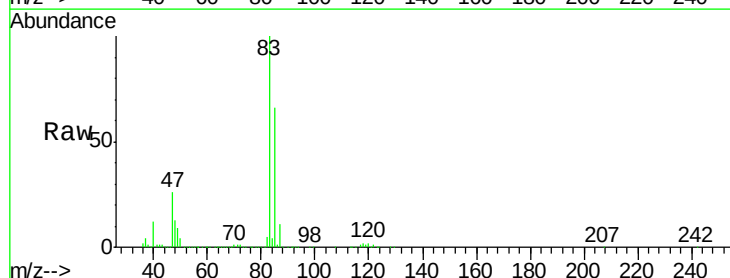
Acq: 20 Mar 2019 22:17

Tgt Ion: 83 Resp: 364496

Ion Ratio Lower Upper

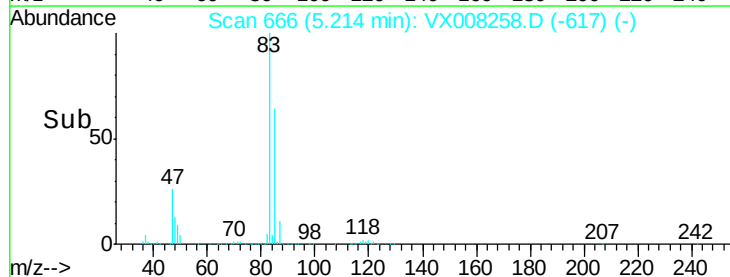
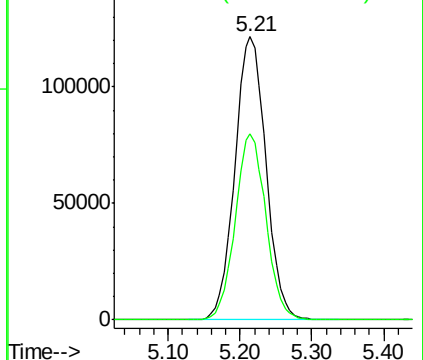
83 100

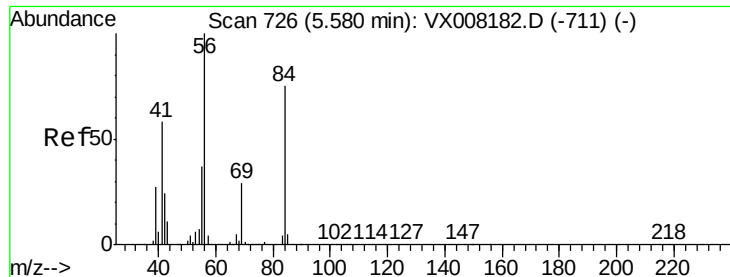
85 65.7 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

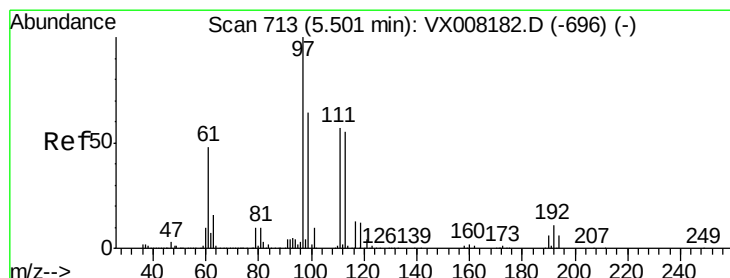
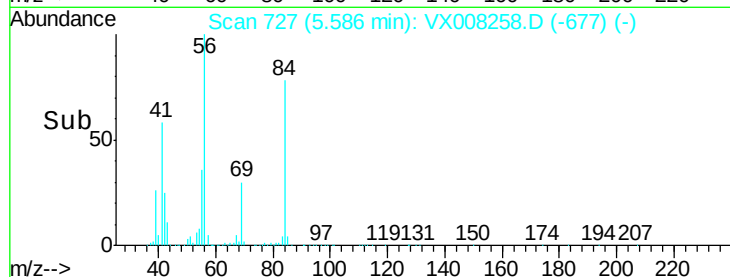
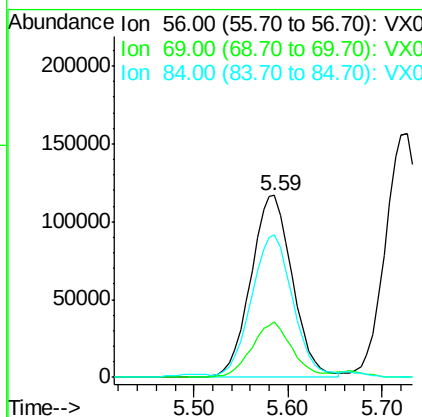
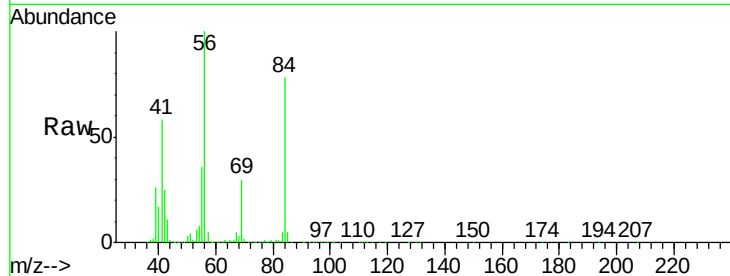




#31
Cyclohexane
Concen: 51.981 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

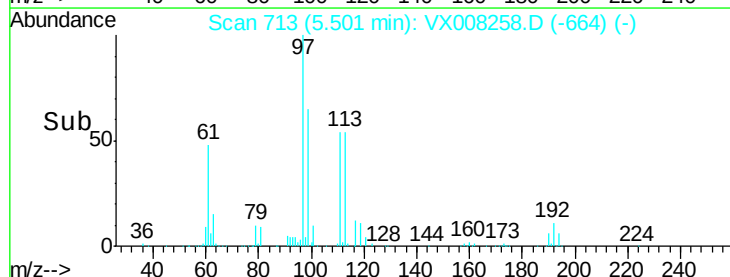
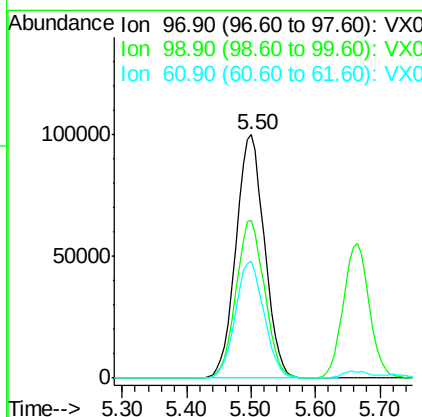
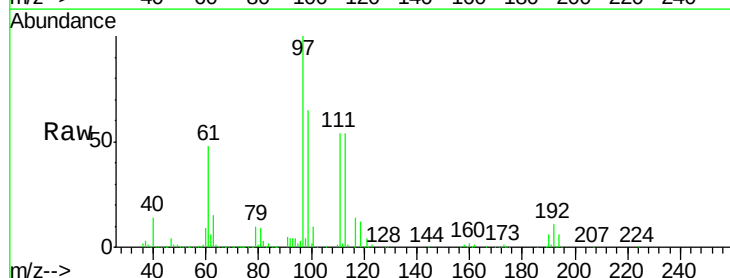
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

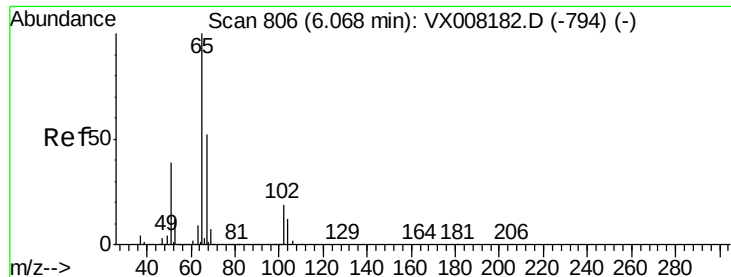
Tot Ion: 56 Resp: 360291
Ion Ratio Lower Upper
56 100
69 30.3 24.0 36.0
84 77.1 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 53.136 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

Tgt Ion: 97 Resp: 305187
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 48.5 34.9 52.3

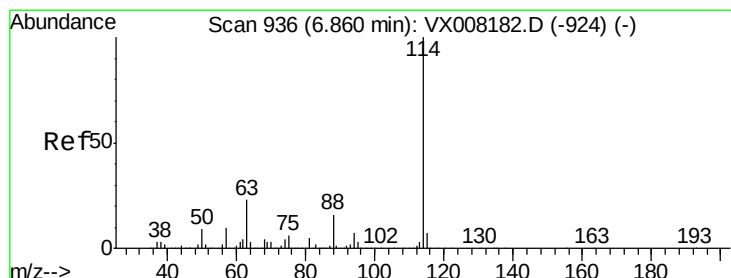
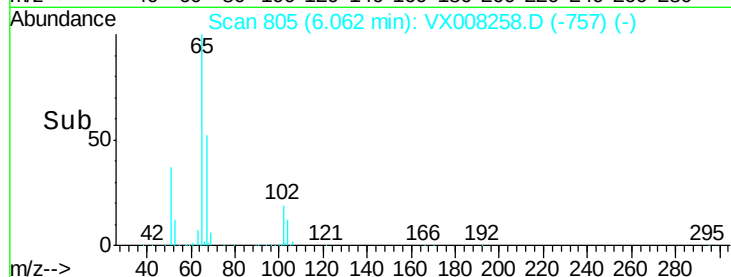
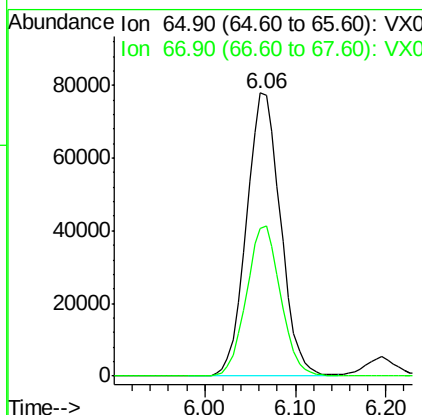
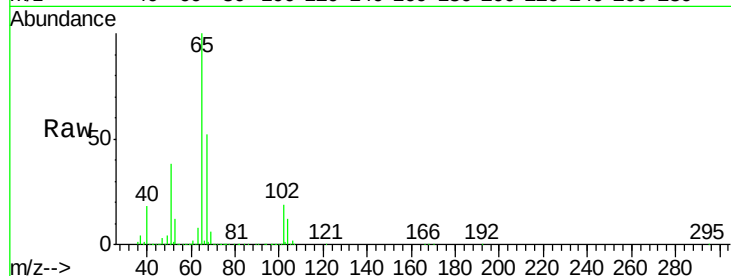




#33
 1,2-Dichloroethane-d4
 Concen: 48.376 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

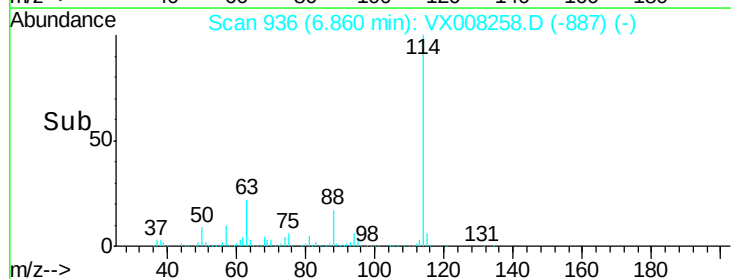
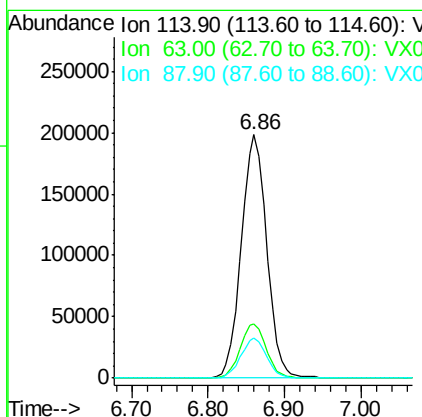
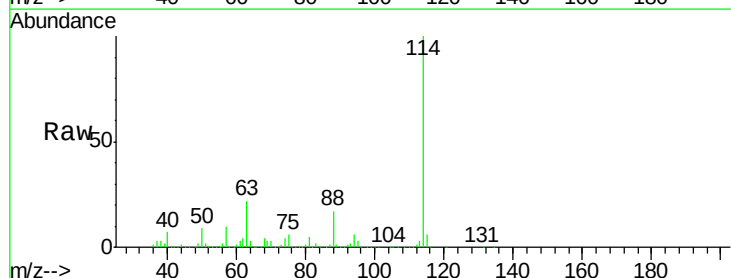
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

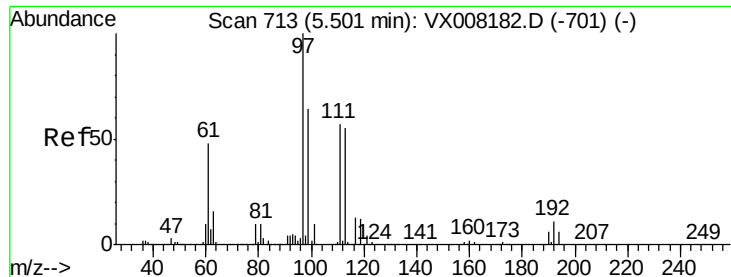
Tot Ion: 65 Resp: 202130
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Tgt Ion: 114 Resp: 458938
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 39.8
 88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.701 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

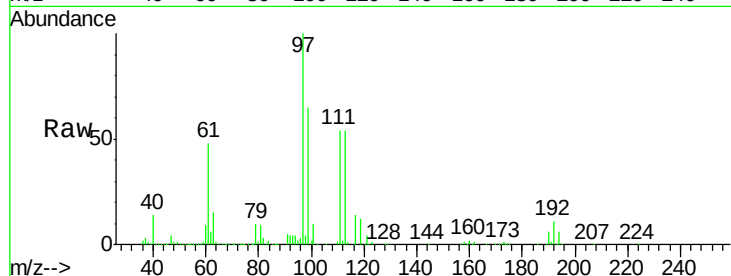
Tot Ion:113 Resp: 152696

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

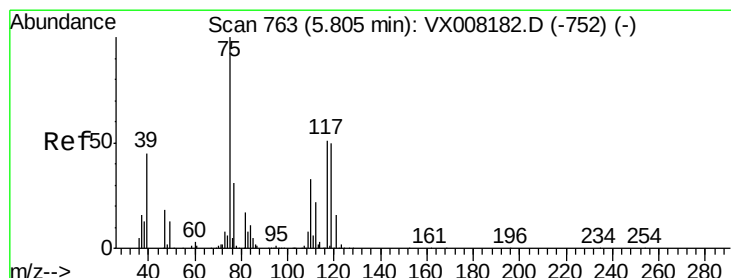
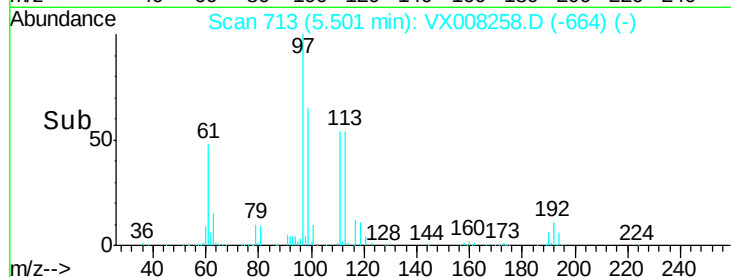
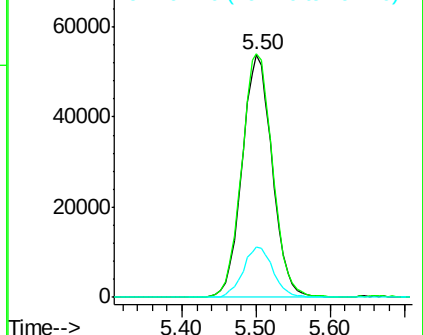
192 20.5 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.995 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

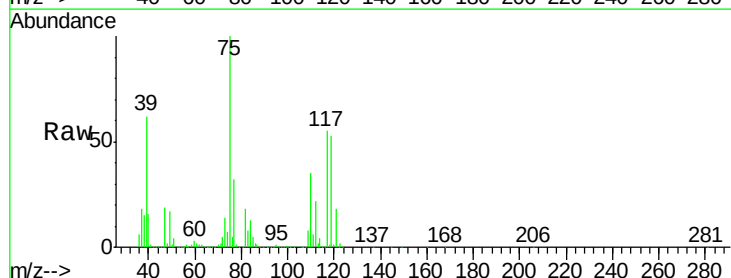
Tgt Ion: 75 Resp: 277825

Ion Ratio Lower Upper

75 100

110 34.0 18.4 55.0

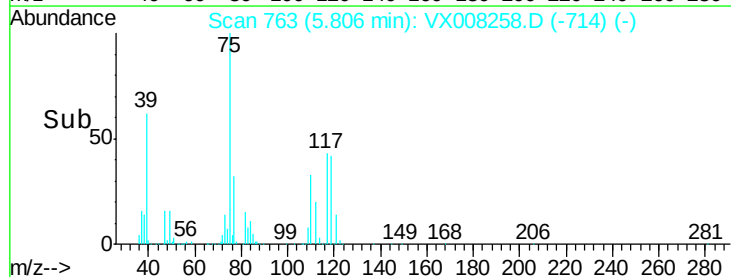
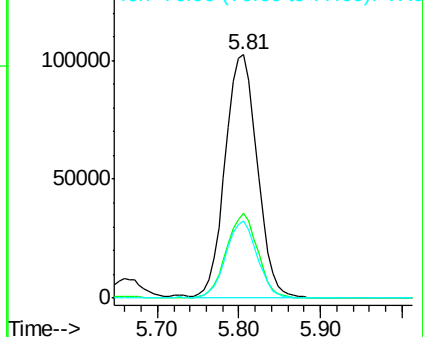
77 30.7 25.0 37.4

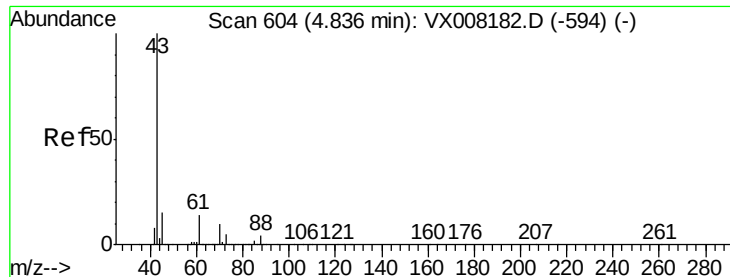


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

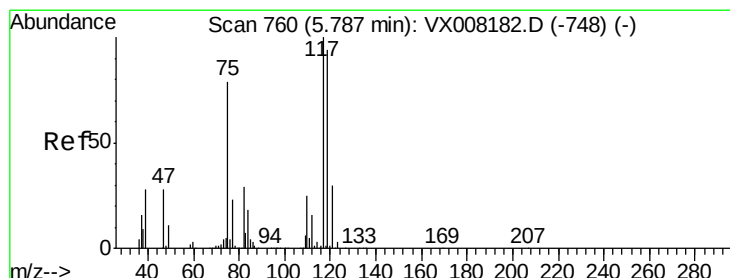
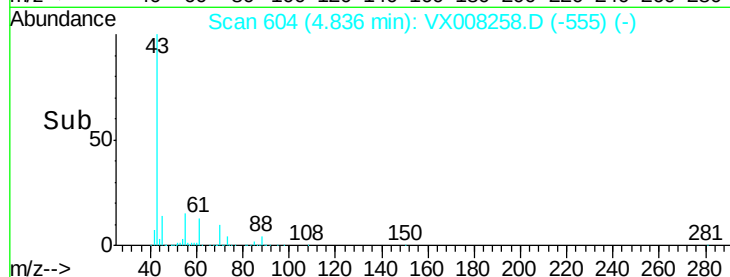
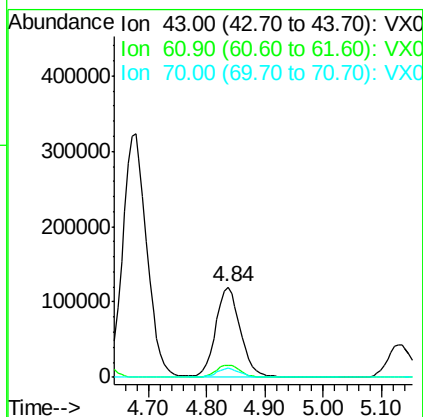
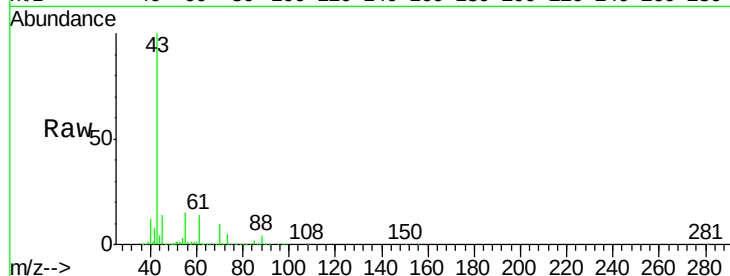




#37
Ethyl Acetate
Concen: 55.545 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

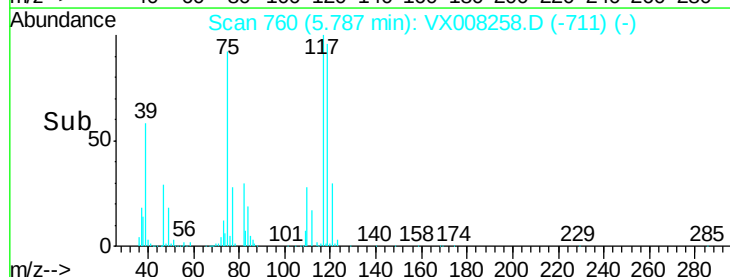
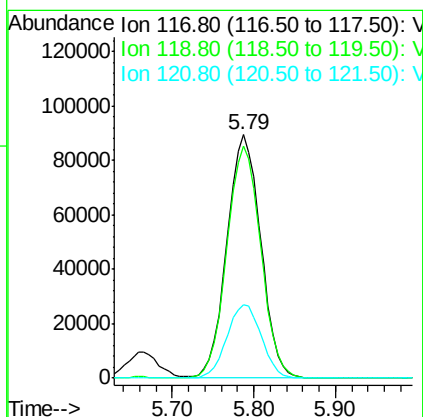
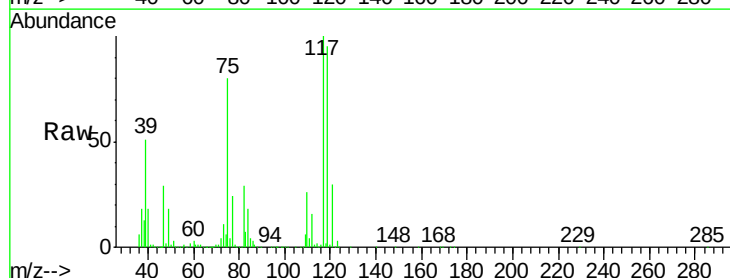
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

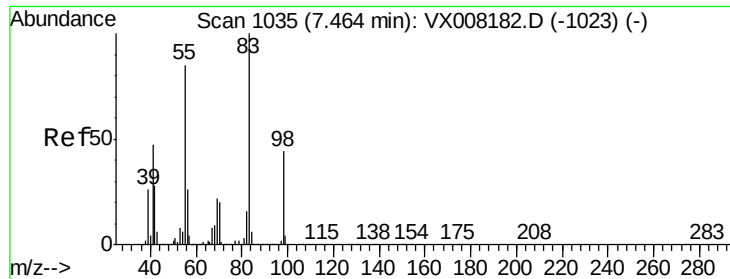
Tot Ion: 43 Resp: 350838
Ion Ratio Lower Upper
43 100
61 13.2 11.3 16.9
70 9.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 53.772 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

Tgt Ion: 117 Resp: 255999
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
121 29.9 24.6 36.8

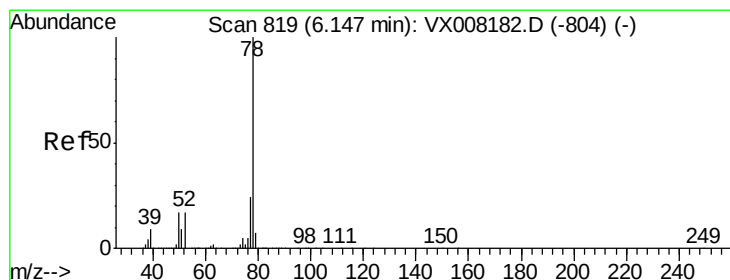
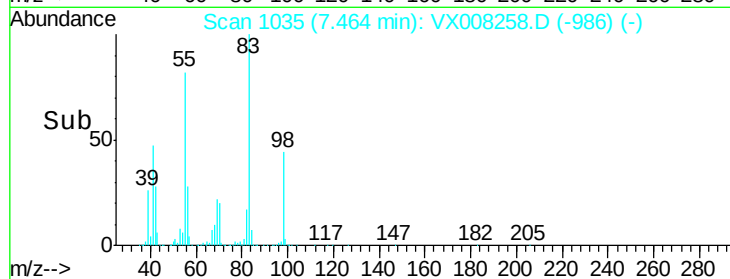
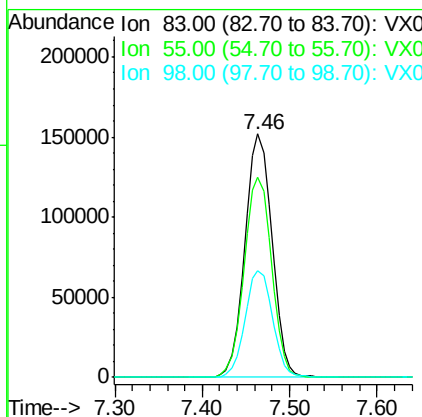
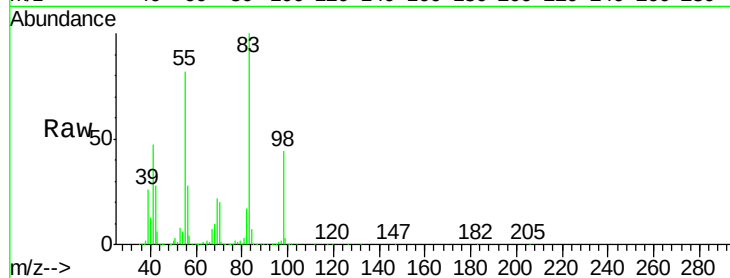




#39
Methylvlcyclohexane
Concen: 50.936 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

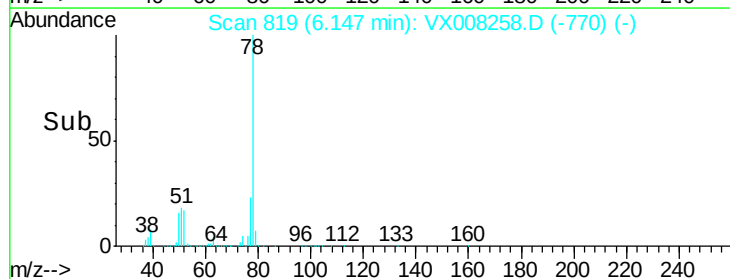
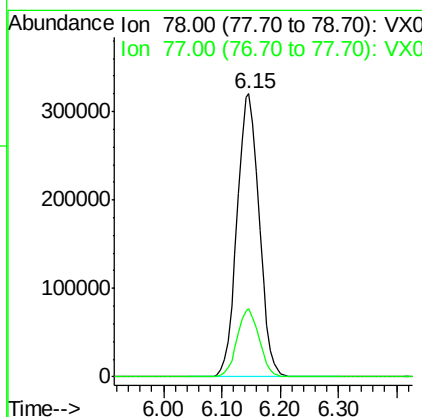
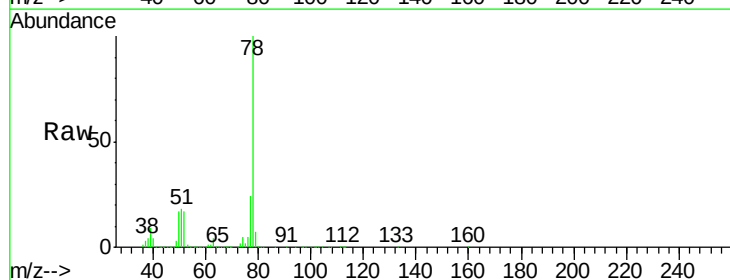
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

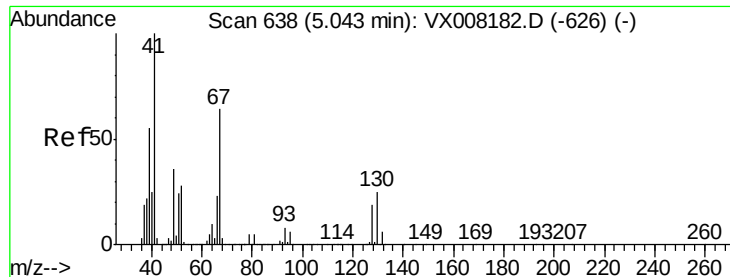
Tot Ion	83.00	Resp	327518
Ion Ratio	Lower	Upper	
83	100		
55	82.2	60.4	90.6
98	44.0	36.5	54.7



#40
Benzene
Concen: 53.505 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

Tgt Ion	78.00	Resp	846181
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.0	28.4





#41

Methacrylonitrile

Concen: 55.704 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 197359

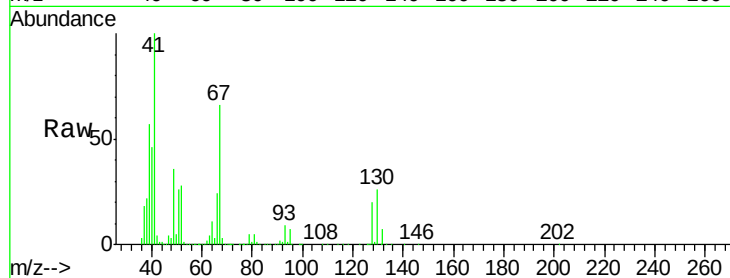
Ion Ratio Lower Upper

41 100

39 54.5 41.6 62.4

67 66.2 55.8 83.6

52 28.3 21.7 32.5

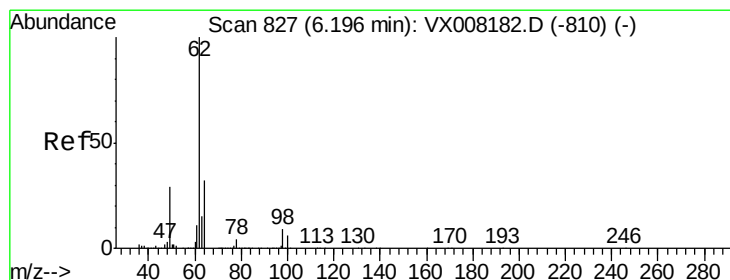
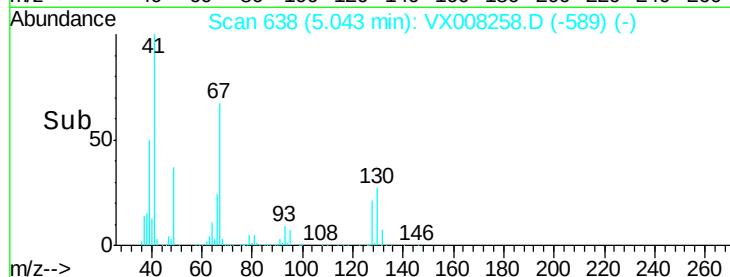
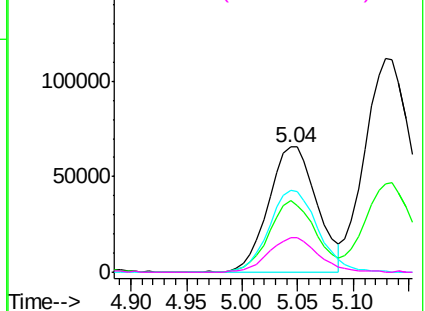


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.039 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008258.D

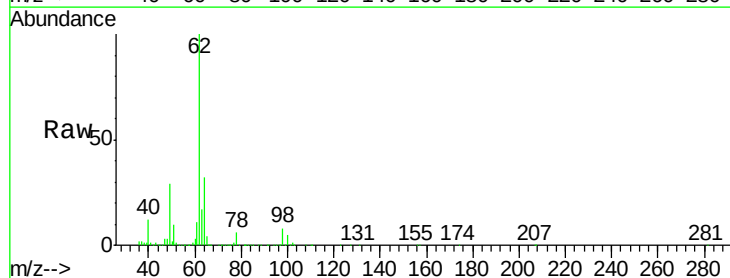
Acq: 20 Mar 2019 22:17

Tgt Ion: 62 Resp: 307282

Ion Ratio Lower Upper

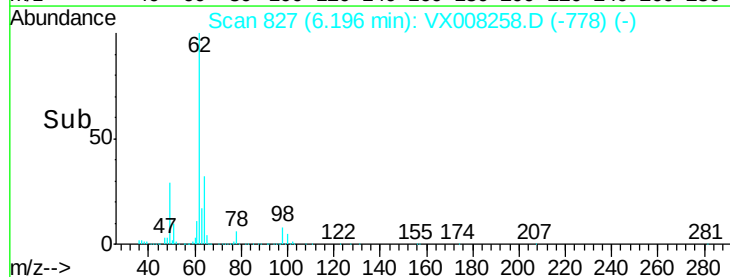
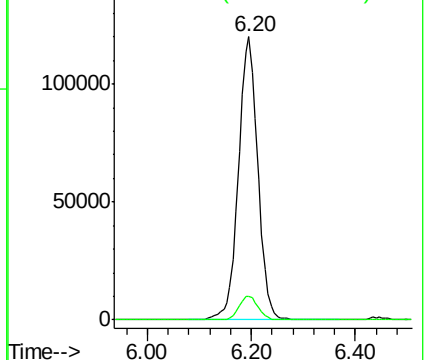
62 100

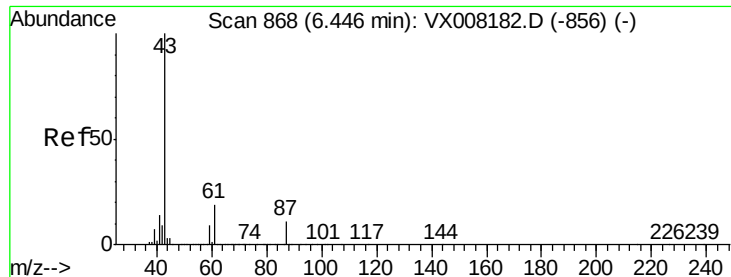
98 8.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 55.385 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

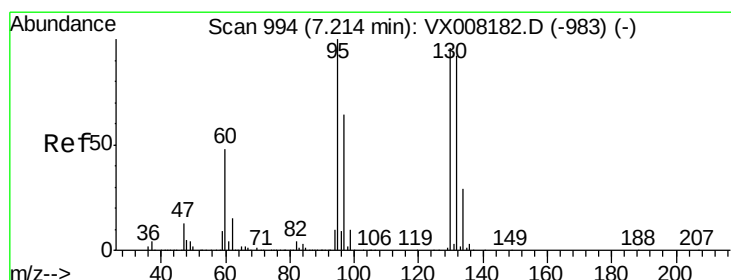
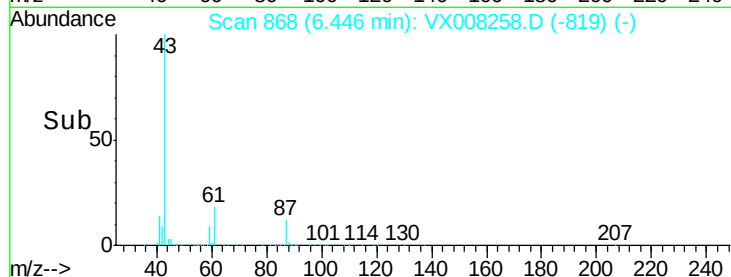
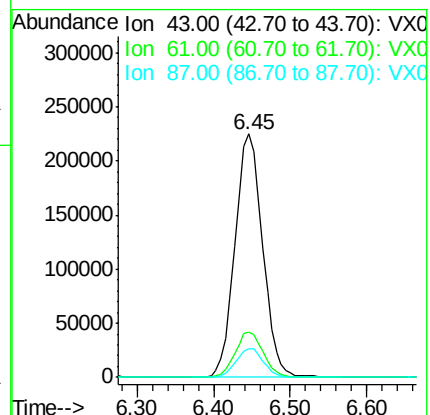
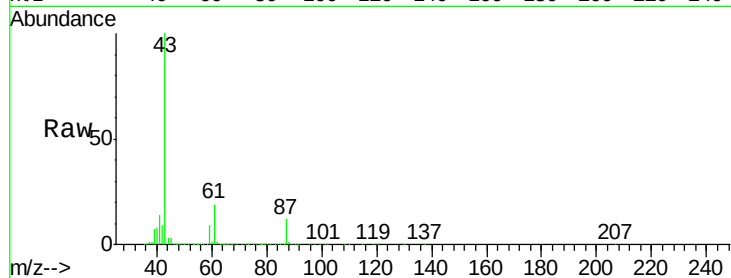
Tot Ion: 43 Resp: 560731

Ion Ratio Lower Upper

43 100

61 18.9 16.3 24.5

87 11.8 10.5 15.7



#44

Trichloroethene

Concen: 52.187 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008258.D

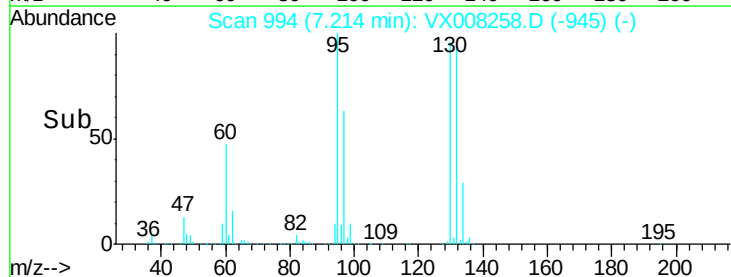
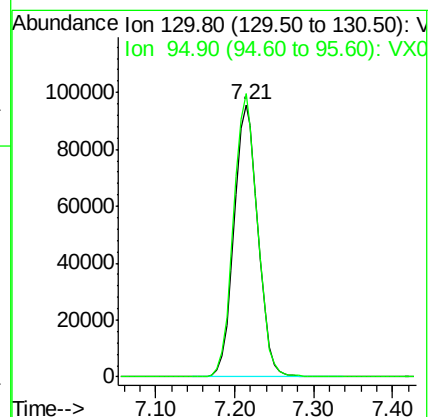
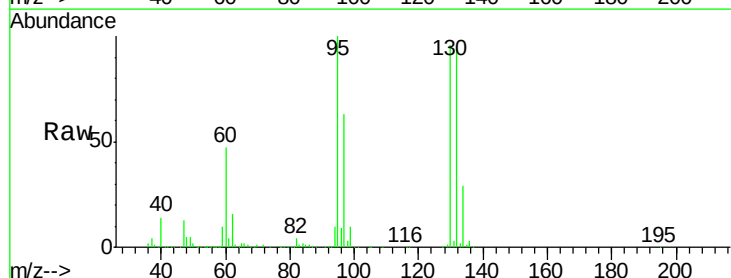
Acq: 20 Mar 2019 22:17

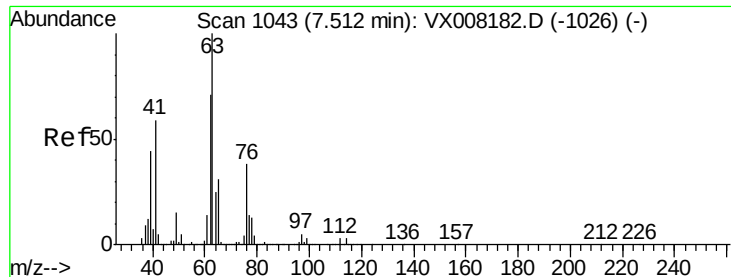
Tgt Ion:130 Resp: 201802

Ion Ratio Lower Upper

130 100

95 103.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 53.035 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

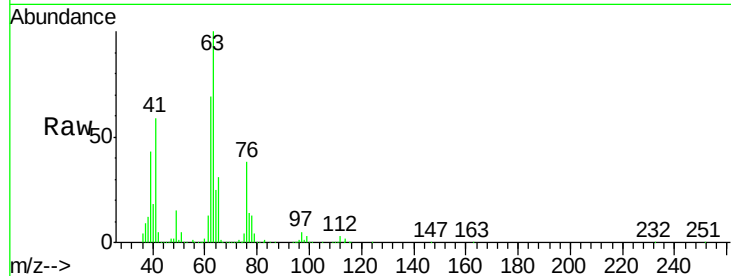
VSTDCCC050

Tot Ion: 63 Resp: 234797

Ion Ratio Lower Upper

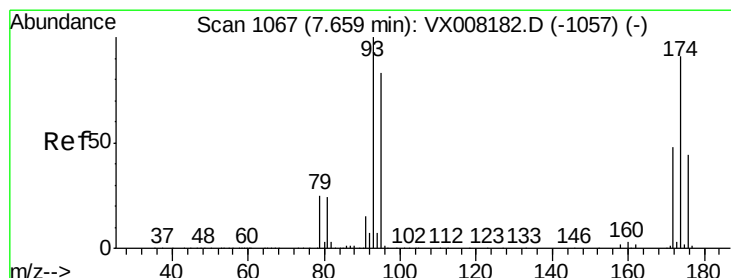
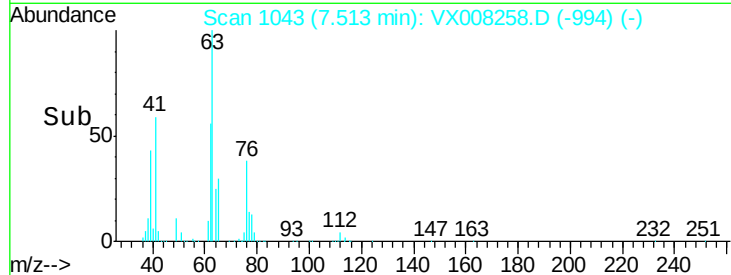
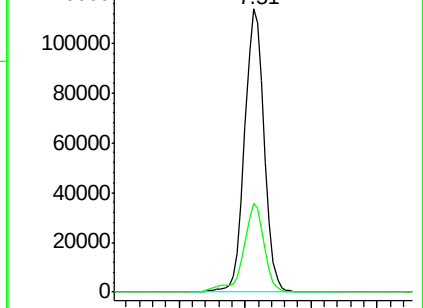
63 100

65 31.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.864 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

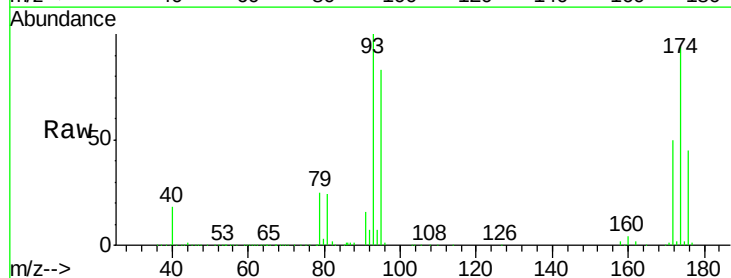
Tgt Ion: 93 Resp: 141702

Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

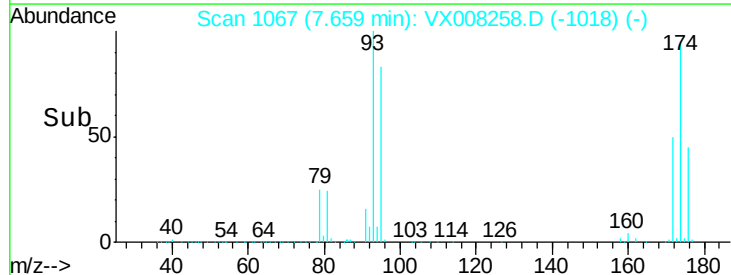
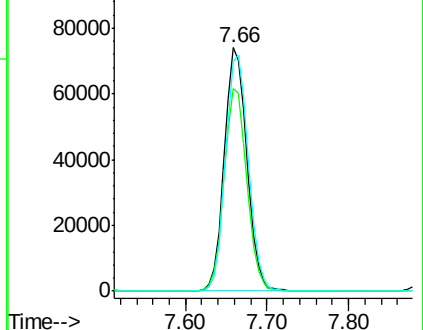
174 98.2 97.3 145.9

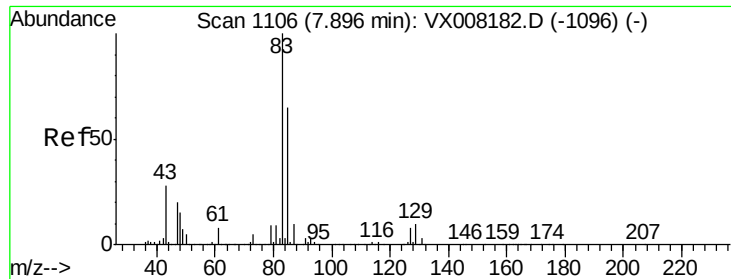


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.307 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

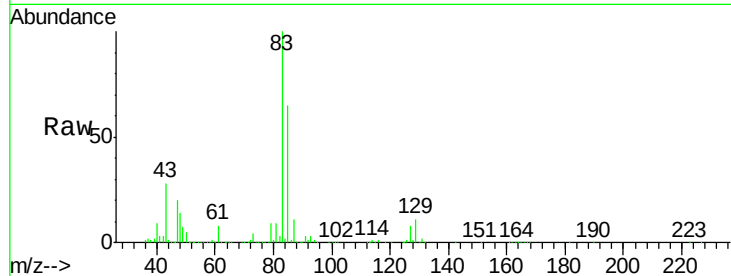
Tot Ion: 83 Resp: 277429

Ion Ratio Lower Upper

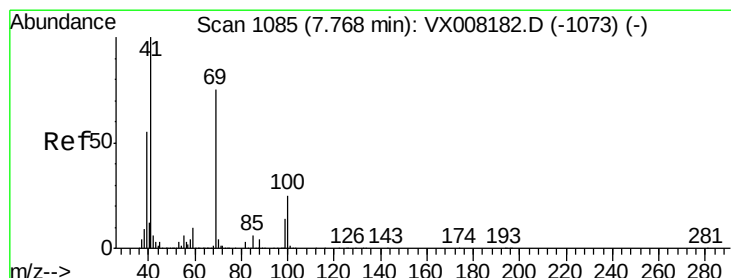
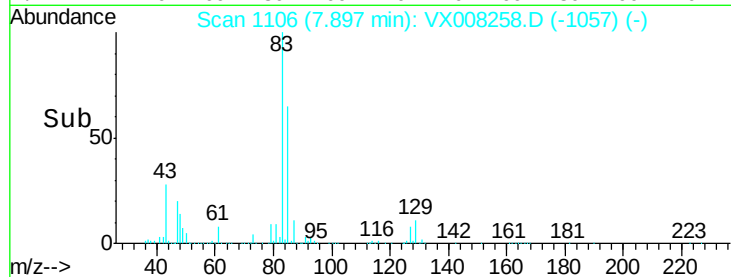
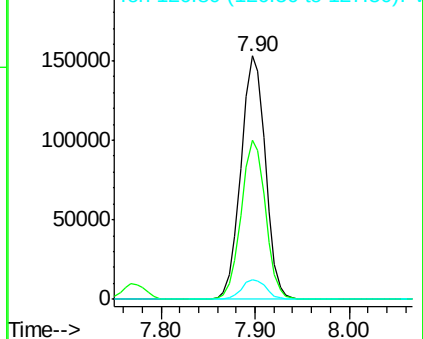
83 100

85 65.2 50.9 76.3

127 7.9 7.4 11.0



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



#48

Methyl methacrylate

Concen: 55.168 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

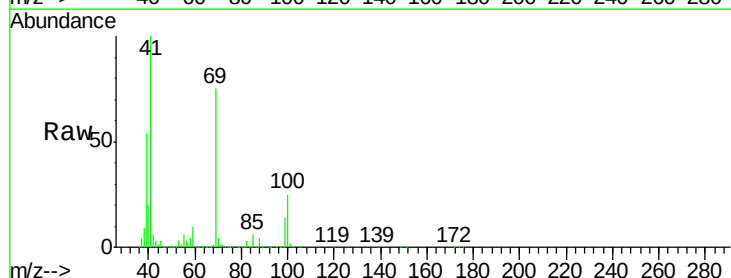
Tgt Ion: 41 Resp: 296983

Ion Ratio Lower Upper

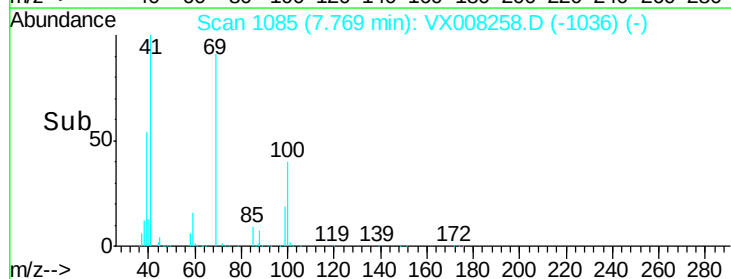
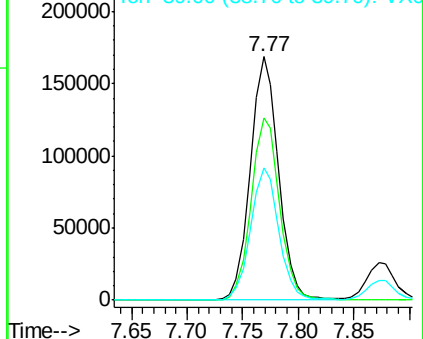
41 100

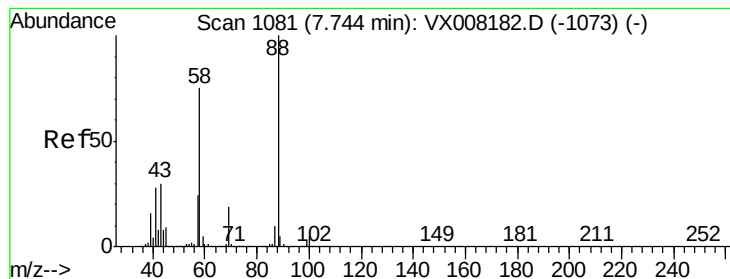
69 76.1 65.2 97.8

39 54.4 39.4 59.2



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





#49

1,4-Dioxane

Concen: 1088.110 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

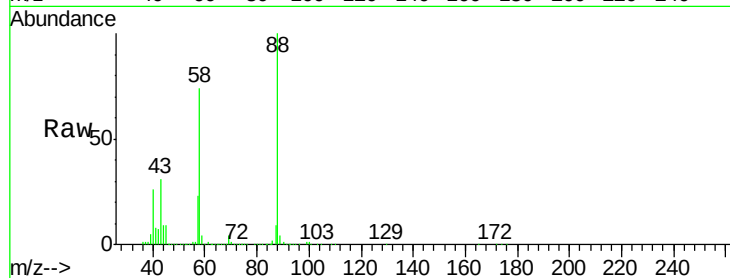
Tot Ion: 88 Resp: 103366

Ion Ratio Lower Upper

88 100

43 37.0 25.1 37.7

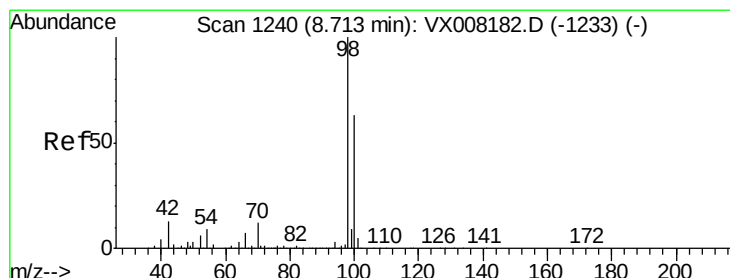
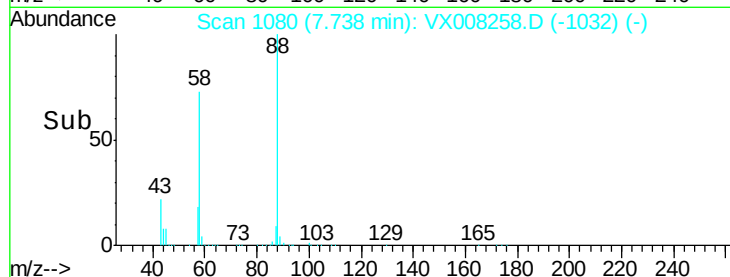
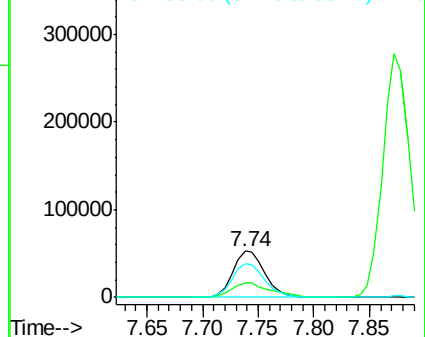
58 76.8 57.8 86.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.901 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008258.D

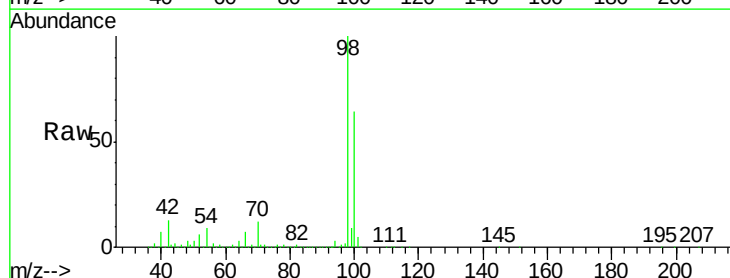
Acq: 20 Mar 2019 22:17

Tgt Ion: 98 Resp: 592895

Ion Ratio Lower Upper

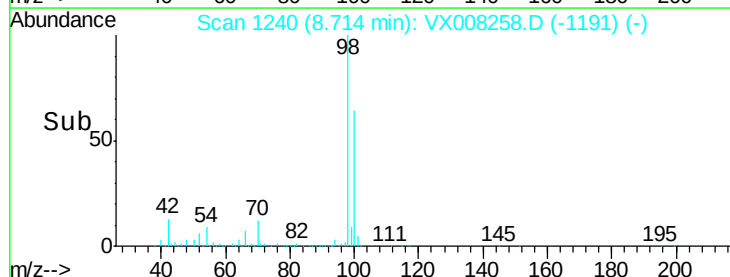
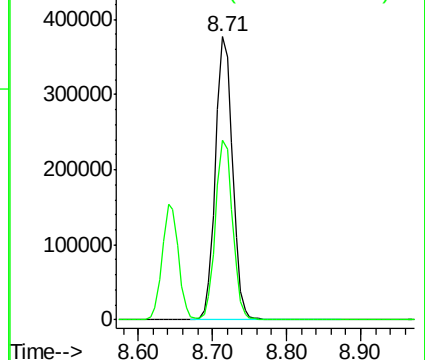
98 100

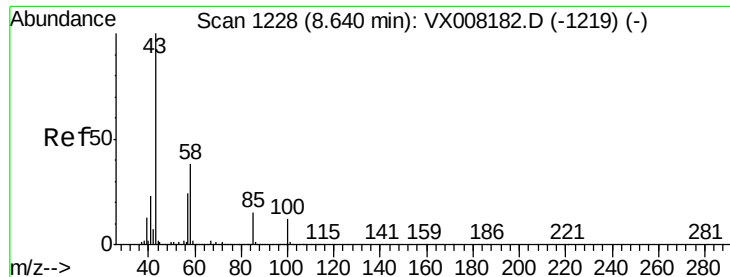
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 278.348 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

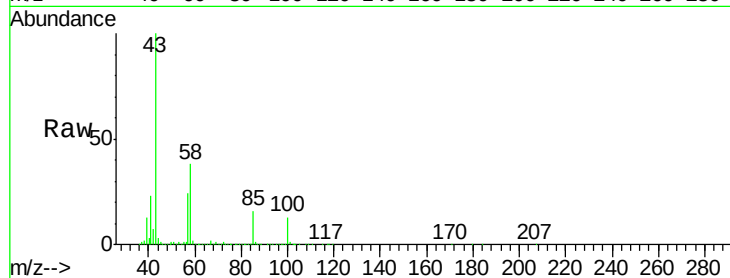
VSTDCCC050

Tot Ion: 43 Resp: 1821862

Ion Ratio Lower Upper

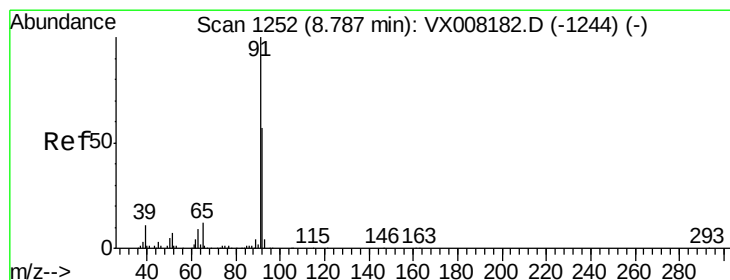
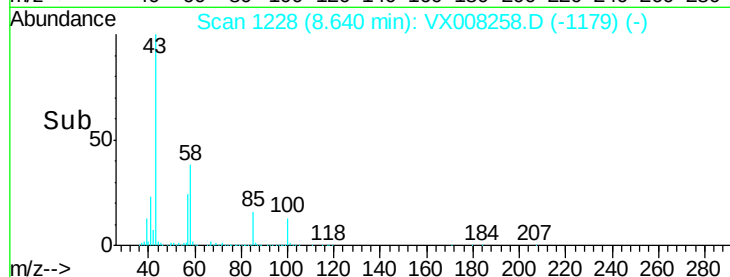
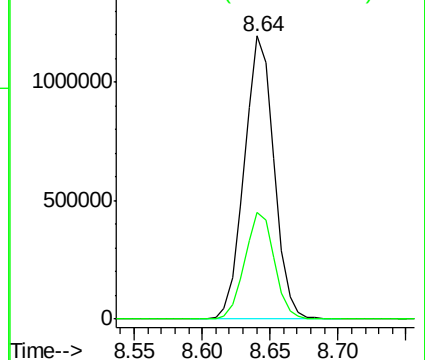
43 100

58 37.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.986 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008258.D

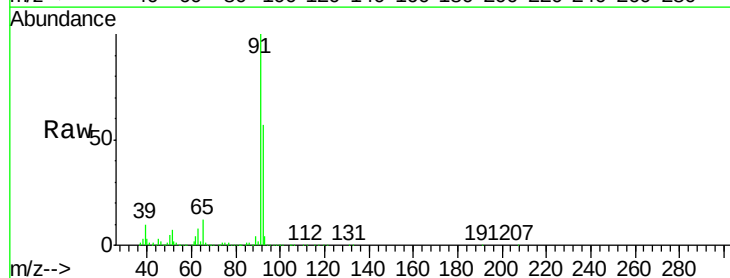
Acq: 20 Mar 2019 22:17

Tgt Ion: 92 Resp: 506513

Ion Ratio Lower Upper

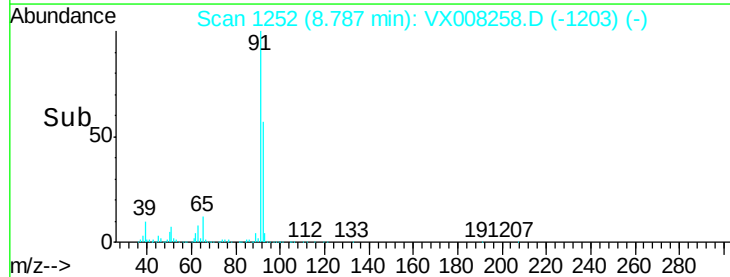
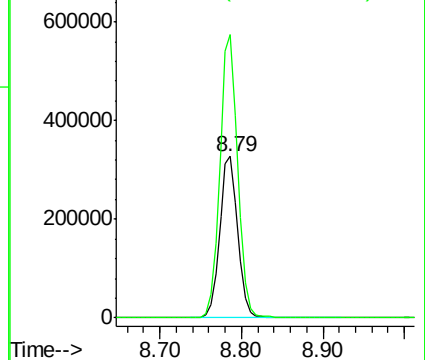
92 100

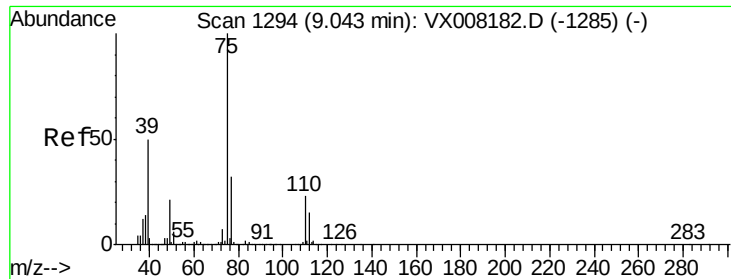
91 174.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

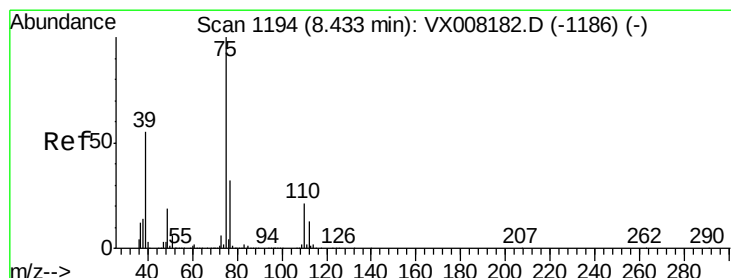
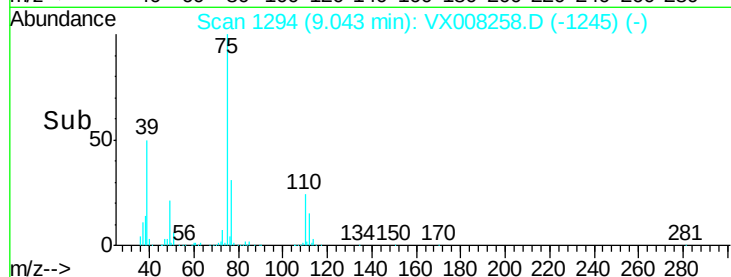
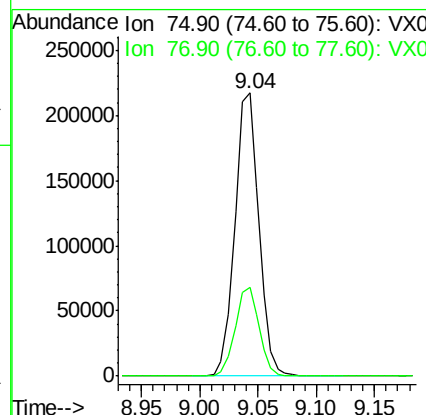
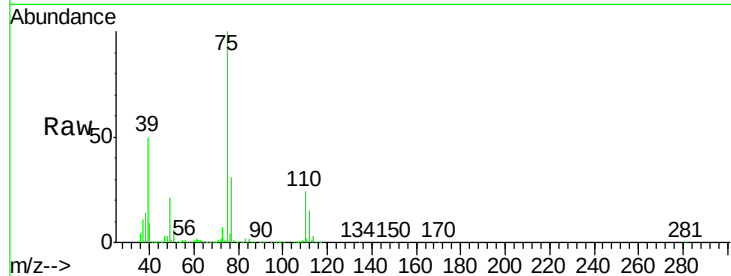




#53
t-1,3-Dichloropropene
Concen: 48.796 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

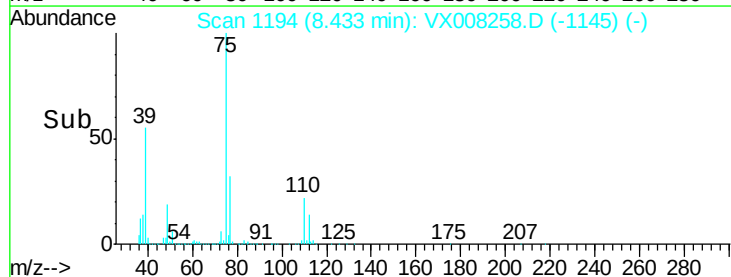
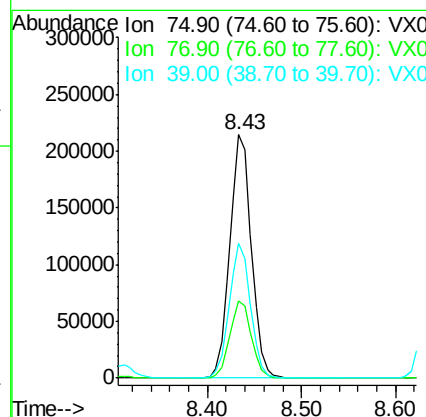
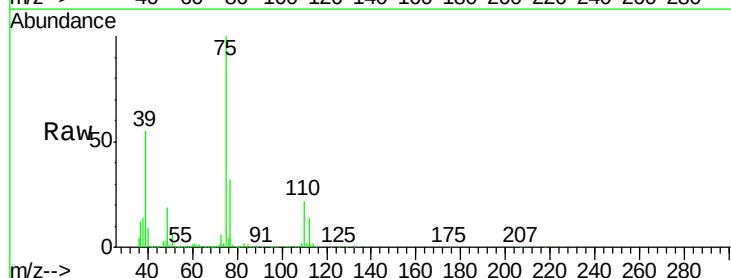
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

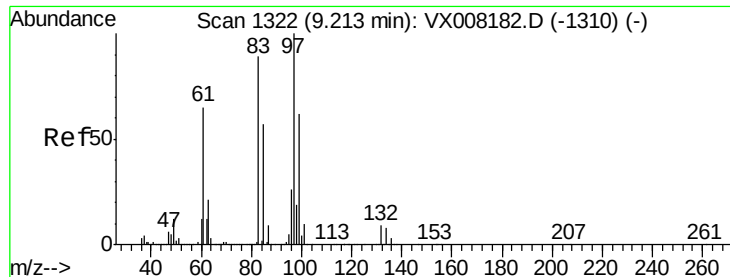
Tot Ion: 75 Resp: 311948
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 53.672 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

Tgt Ion: 75 Resp: 340276
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 55.1 36.6 54.8#





#55

1,1,2-Trichloroethane

Concen: 55.019 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 208566

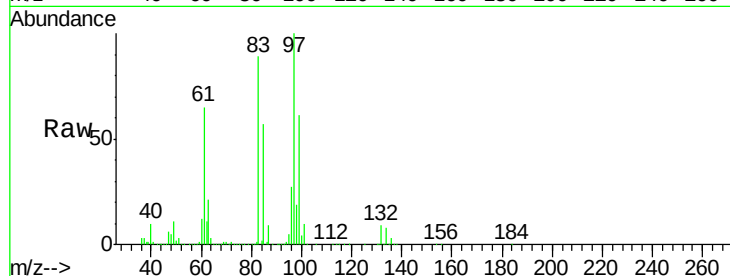
Ion Ratio Lower Upper

97 100

83 88.9 69.1 103.7

85 56.9 44.3 66.5

99 61.0 49.8 74.8

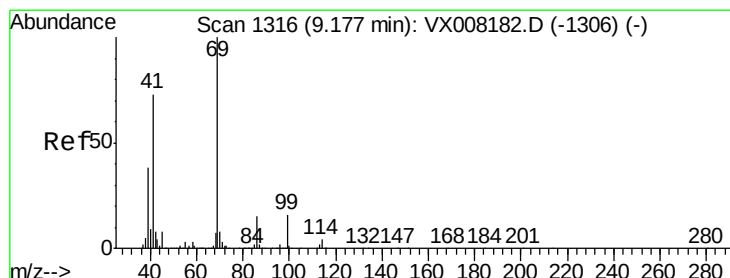
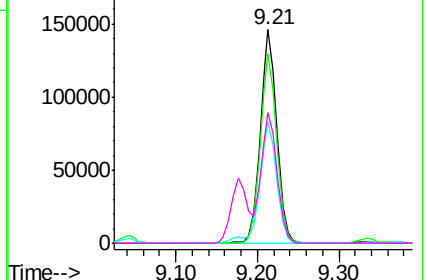
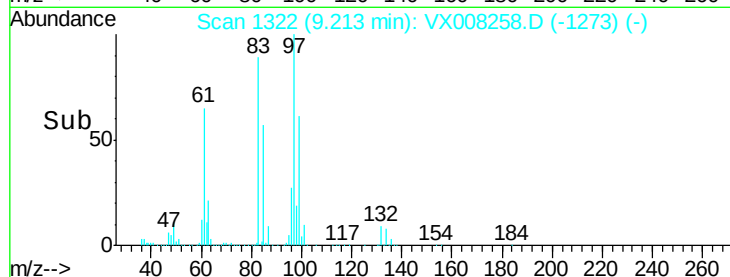


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.018 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

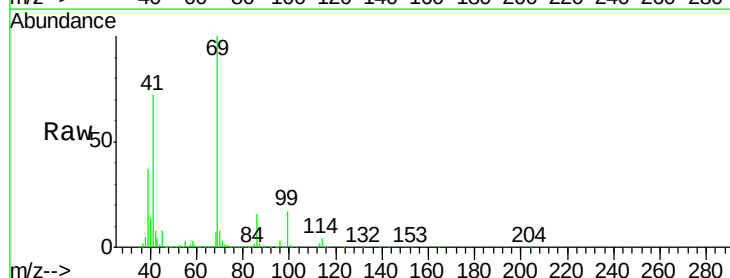
Tgt Ion: 69 Resp: 346021

Ion Ratio Lower Upper

69 100

41 72.5 54.2 81.4

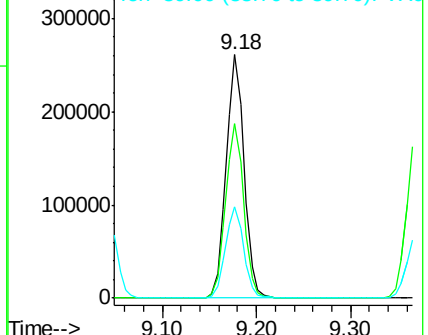
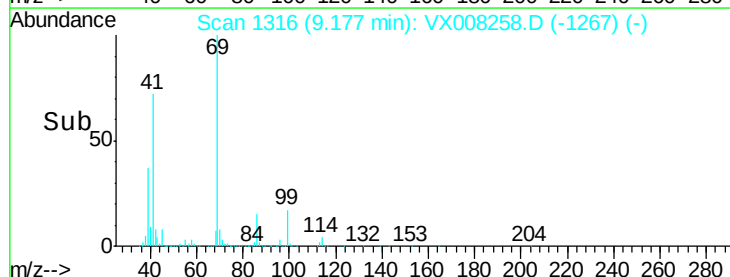
39 38.1 25.0 37.4#

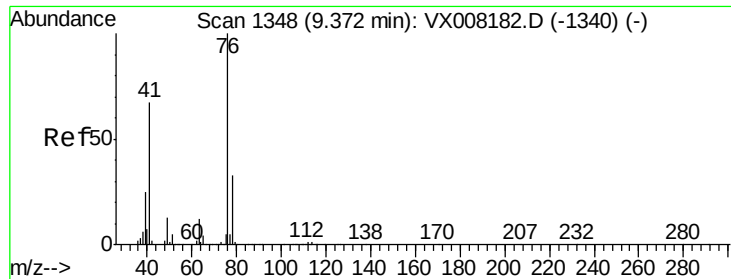


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 55.185 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

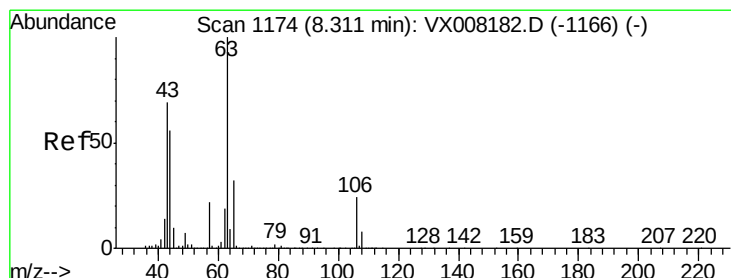
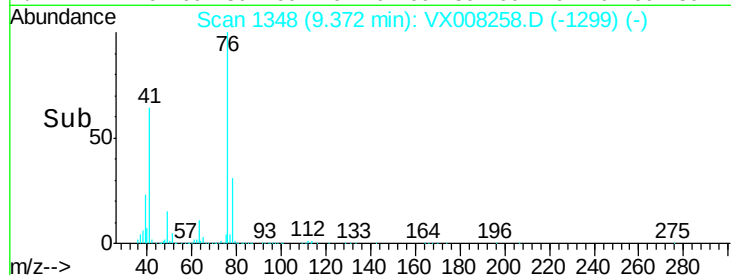
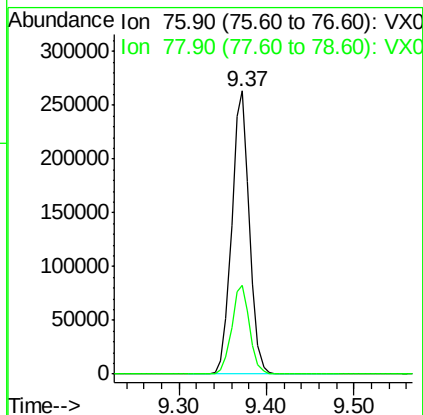
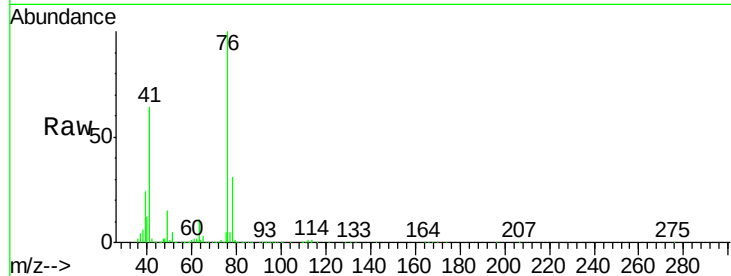
VSTDCCC050

Tot Ion: 76 Resp: 370065

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 255.259 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008258.D

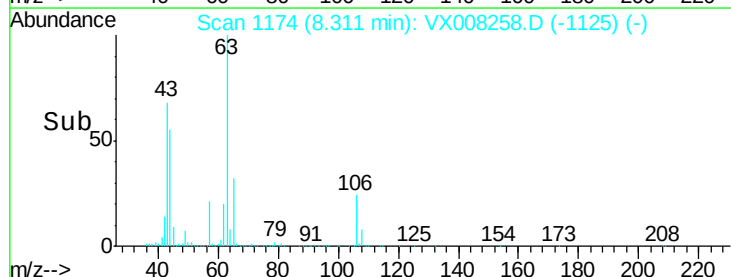
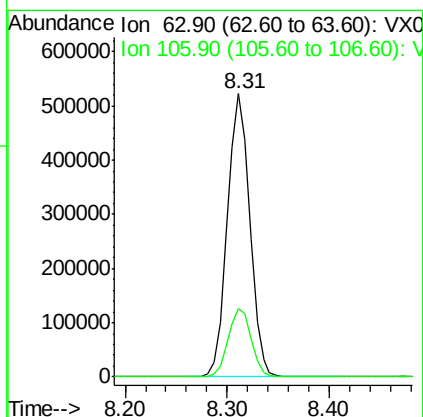
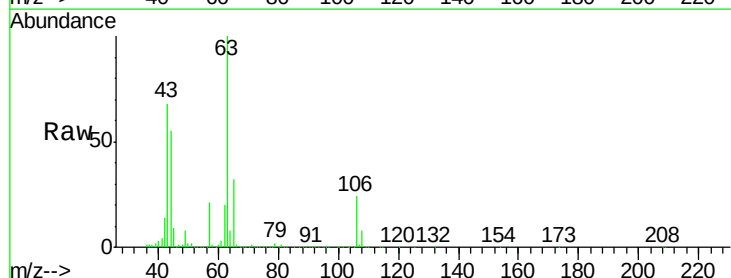
Acq: 20 Mar 2019 22:17

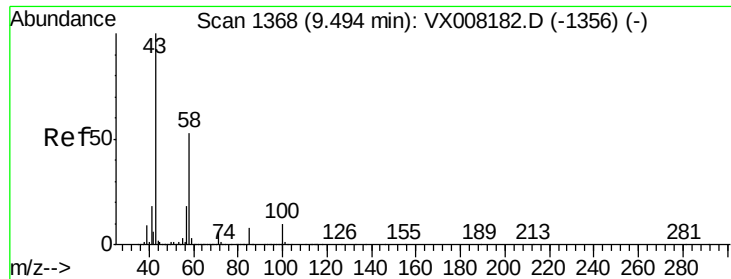
Tgt Ion: 63 Resp: 792811

Ion Ratio Lower Upper

63 100

106 24.7 22.2 33.2

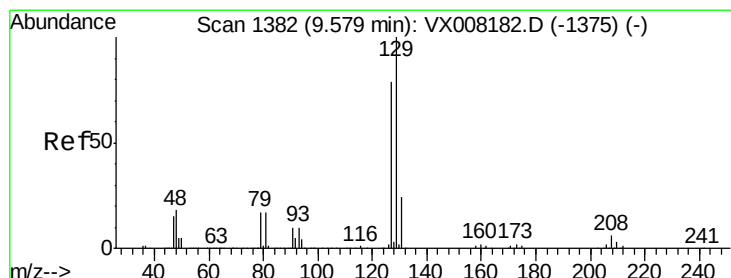
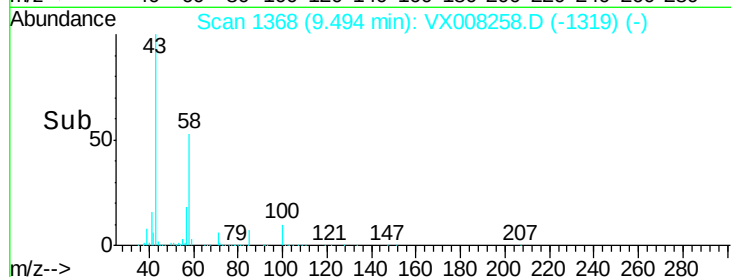
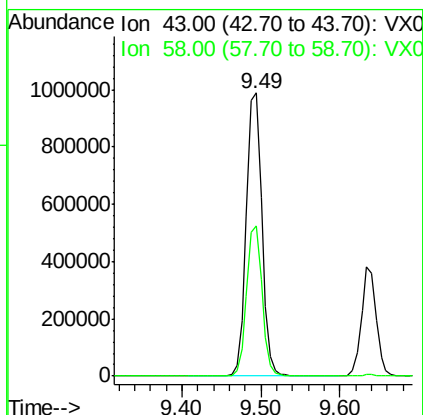
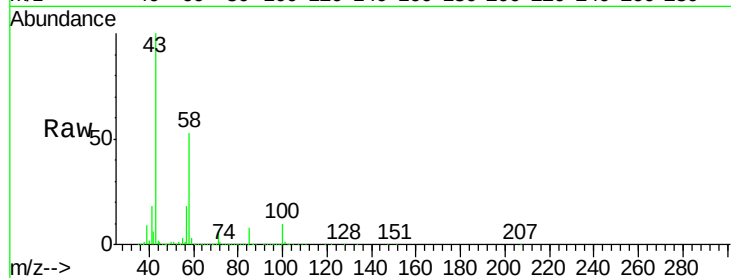




#59
2-Hexanone
Concen: 270.929 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

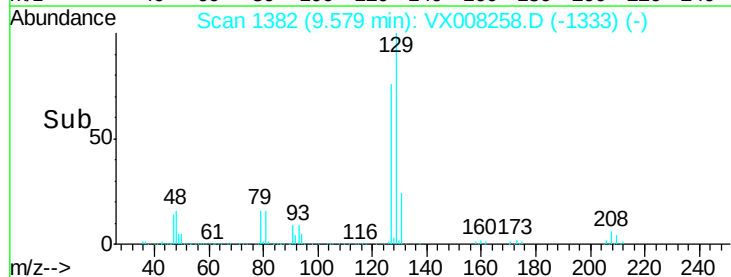
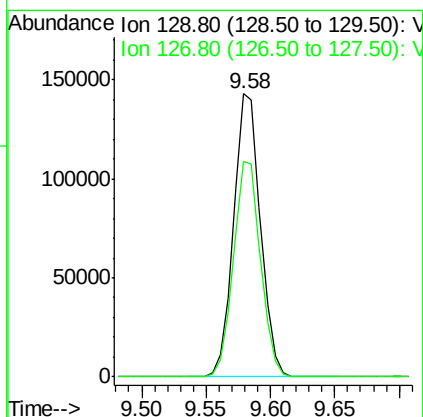
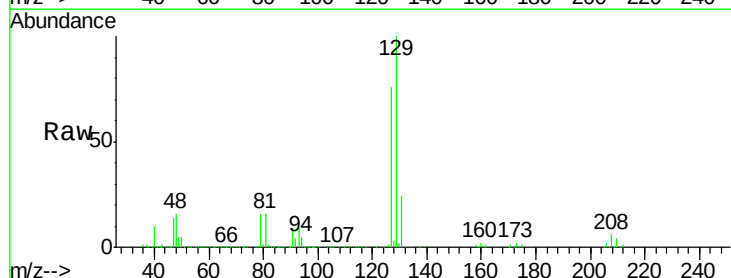
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

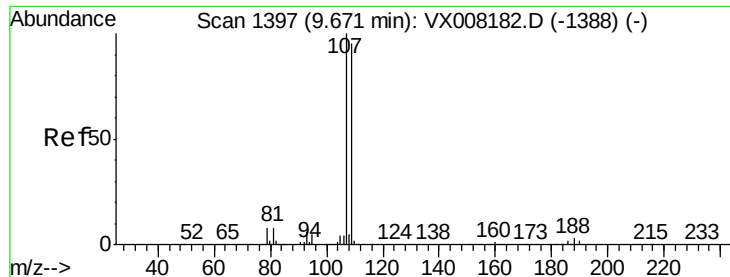
Tot Ion: 43 Resp: 1365229
Ion Ratio Lower Upper
43 100
58 52.3 27.6 82.7



#60
Dibromochloromethane
Concen: 57.082 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

Tgt Ion: 129 Resp: 207958
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 54.698 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

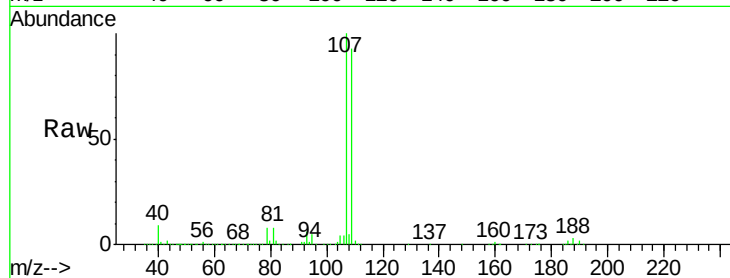
VSTDCCC050

Tot Ion:107 Resp: 216506

Ion Ratio Lower Upper

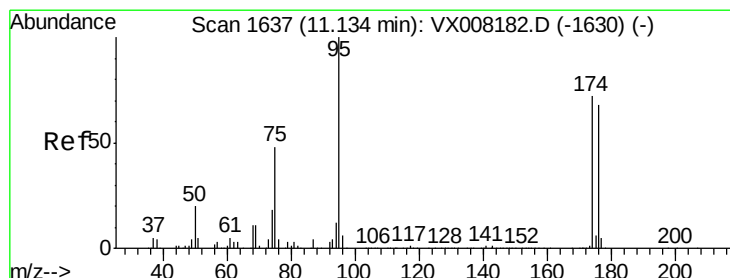
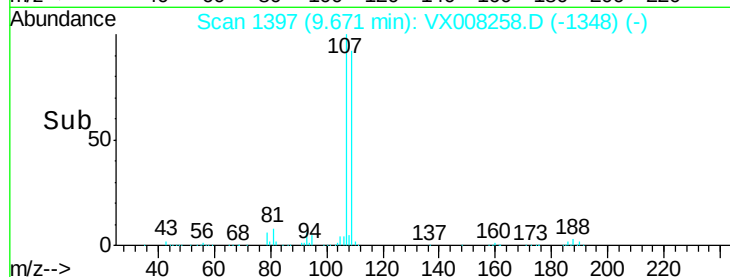
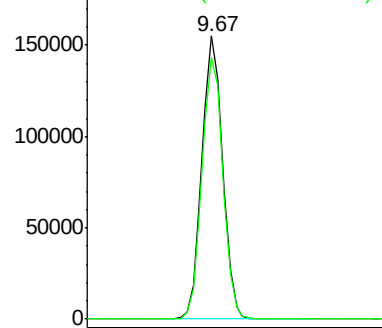
107 100

109 93.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.157 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

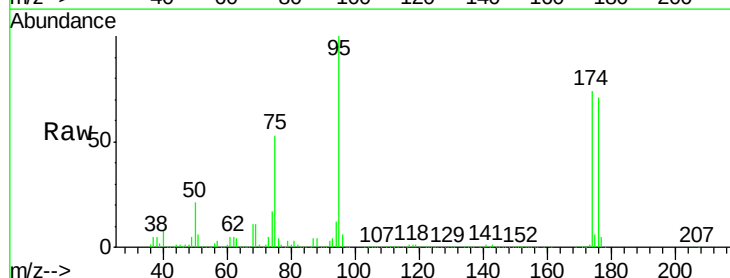
Tgt Ion: 95 Resp: 209187

Ion Ratio Lower Upper

95 100

174 79.6 0.0 182.8

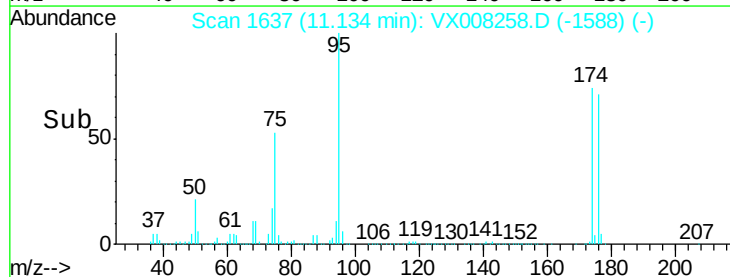
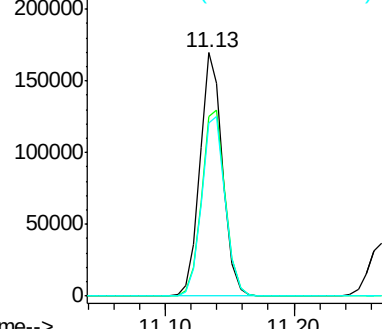
176 76.8 0.0 178.0

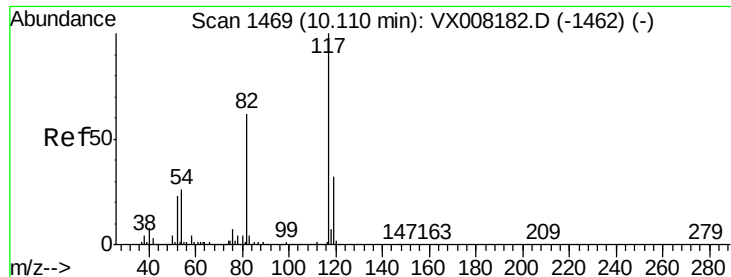


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

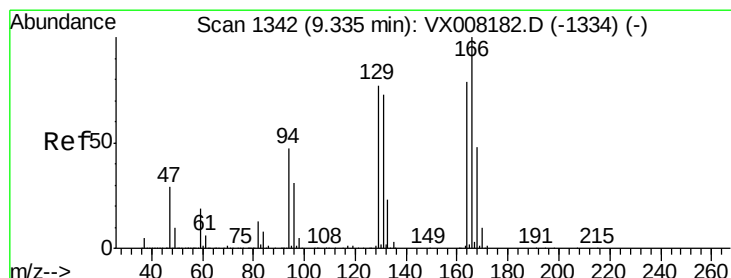
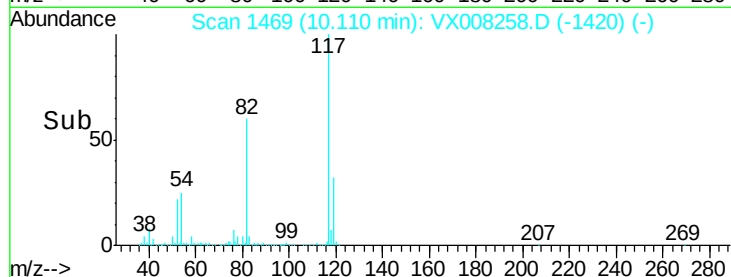
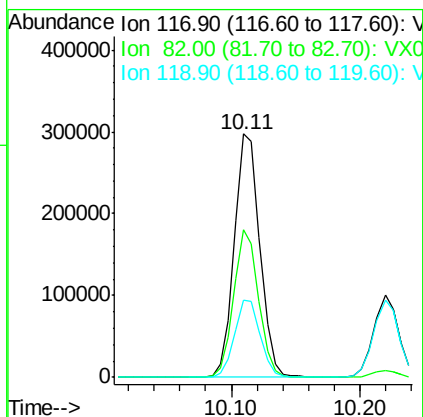
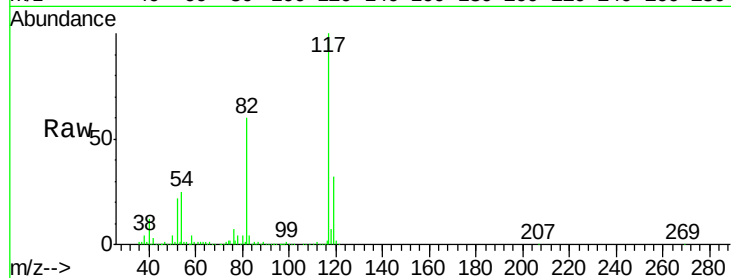




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

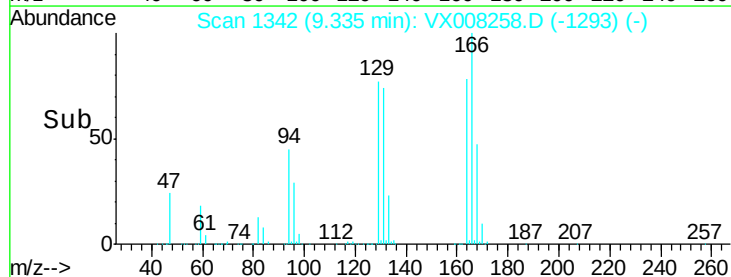
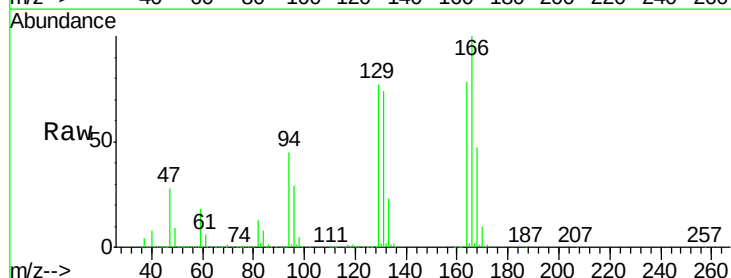
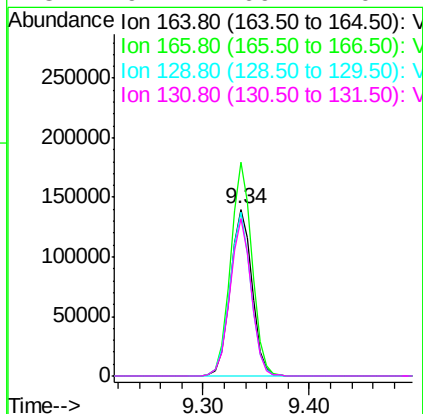
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

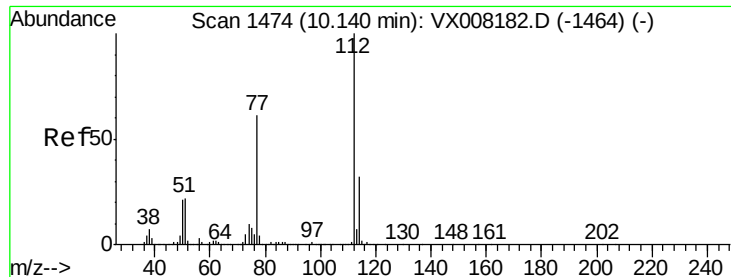
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	44.3	66.5
119	31.9	25.3	37.9



#64
Tetrachloroethene
Concen: 53.830 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.4	155.0
129	98.4	72.2	108.4
131	94.4	69.4	104.2





#65

Chlorobenzene

Concen: 52.108 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

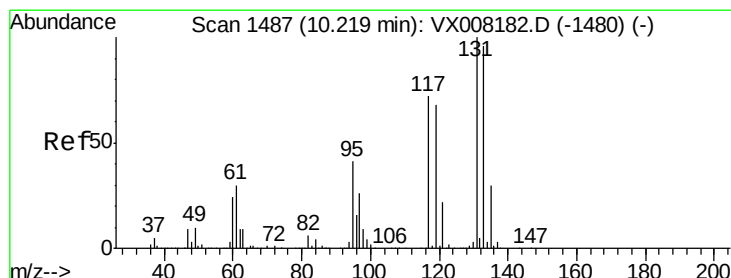
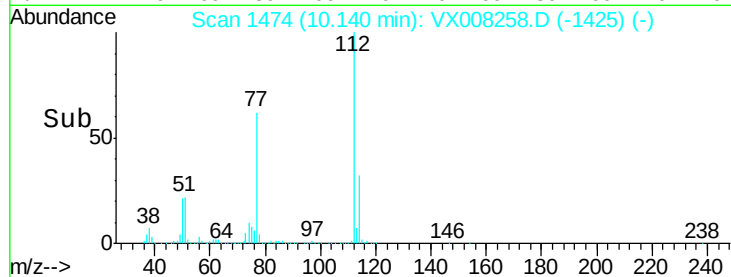
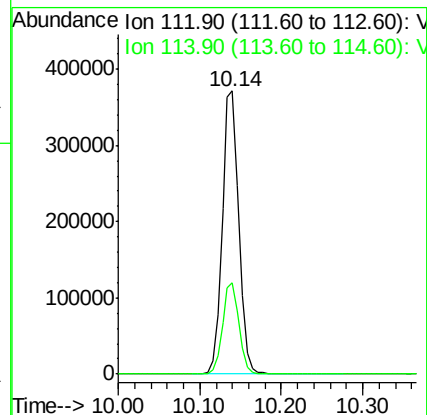
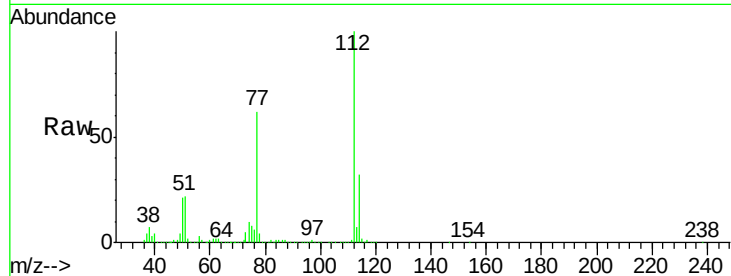
VSTDCCC050

Tot Ion:112 Resp: 528494

Ion Ratio Lower Upper

112 100

114 32.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 54.220 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

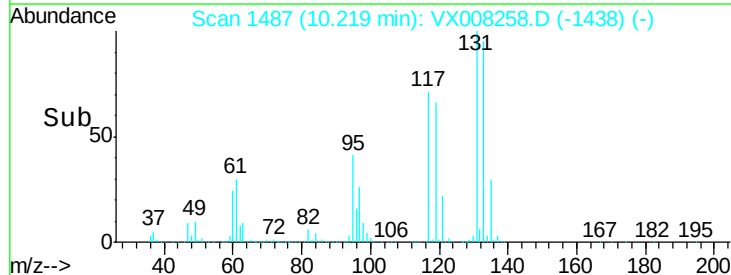
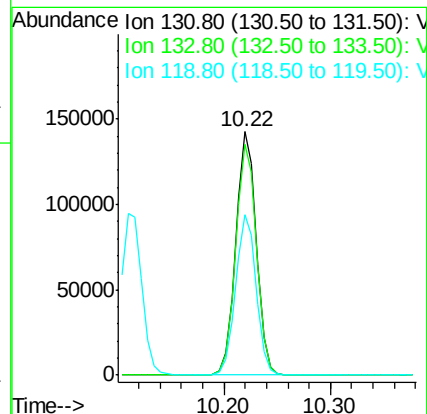
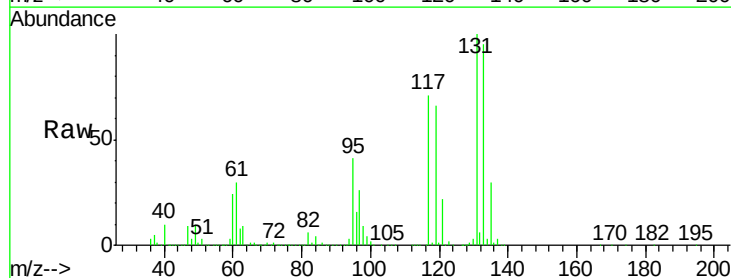
Tgt Ion:131 Resp: 191734

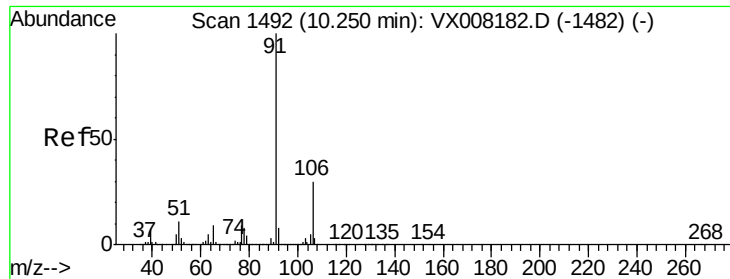
Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.3

119 66.2 32.5 97.5





#67

Ethyl Benzene

Concen: 53.263 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

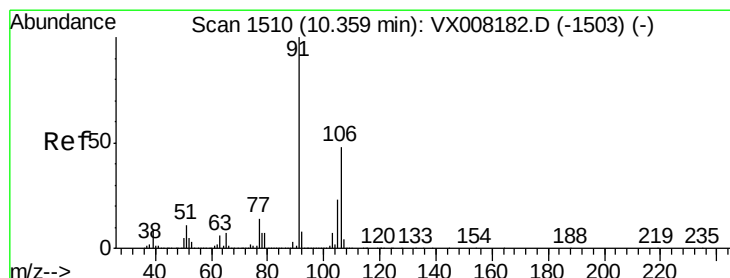
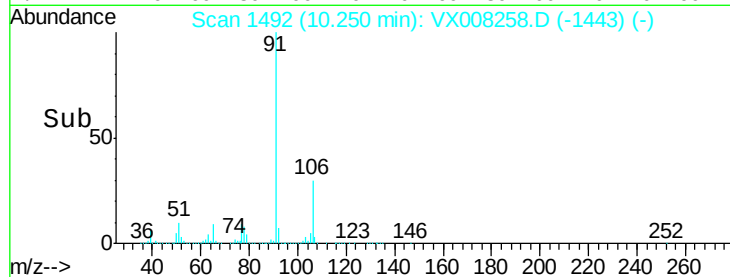
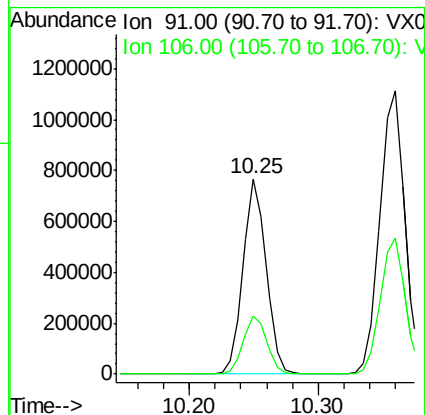
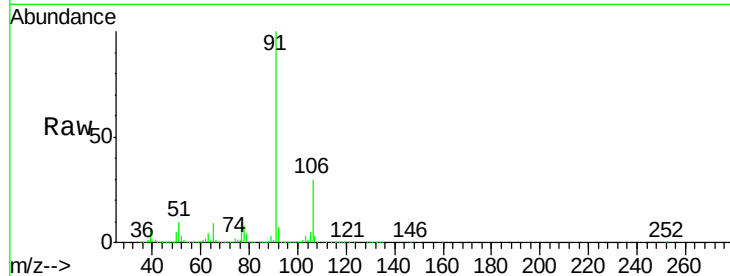
VSTDCCC050

Tot Ion: 91 Resp: 951955

Ion Ratio Lower Upper

91 100

106 29.8 25.2 37.8



#68

m/p-Xylenes

Concen: 108.062 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008258.D

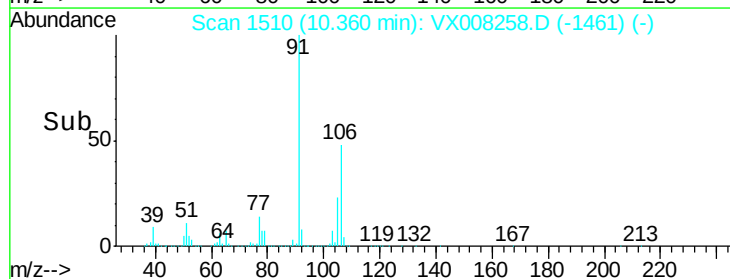
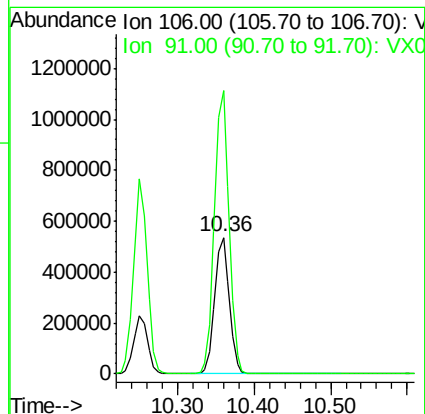
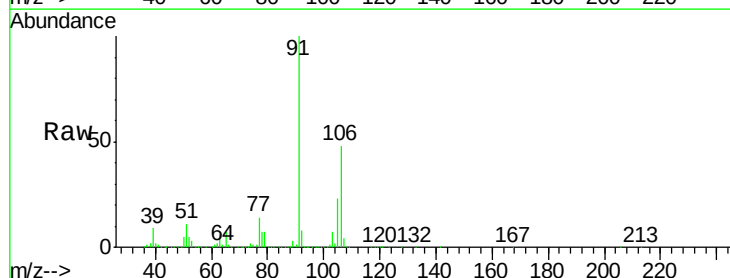
Acq: 20 Mar 2019 22:17

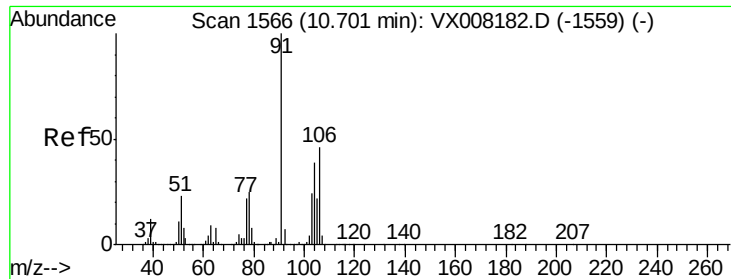
Tgt Ion: 106 Resp: 709474

Ion Ratio Lower Upper

106 100

91 208.3 159.8 239.6

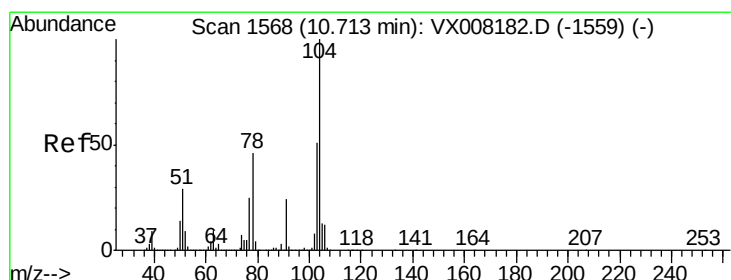
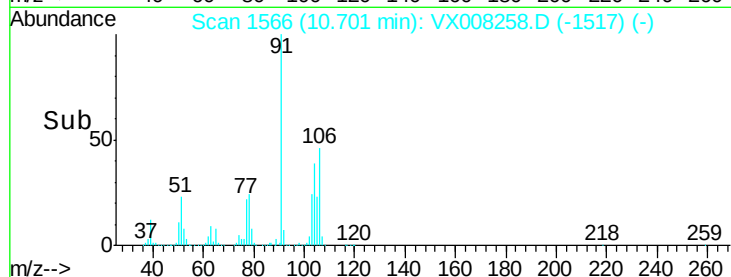
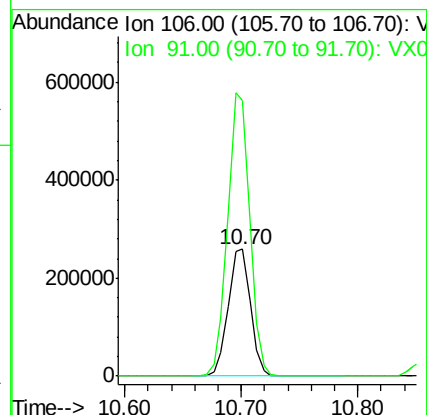
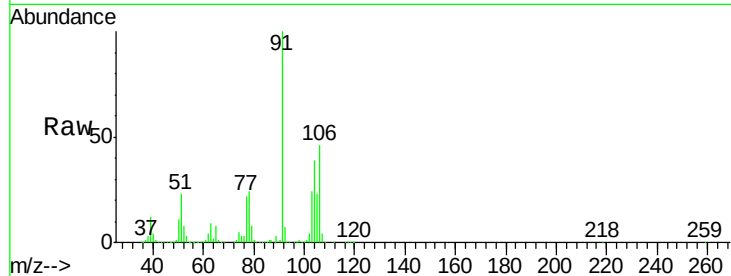




#69
o-Xylene
Concen: 53.723 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

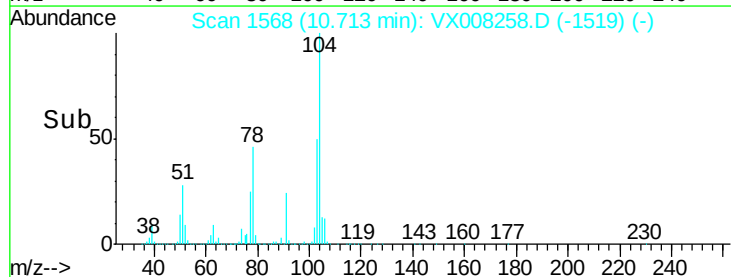
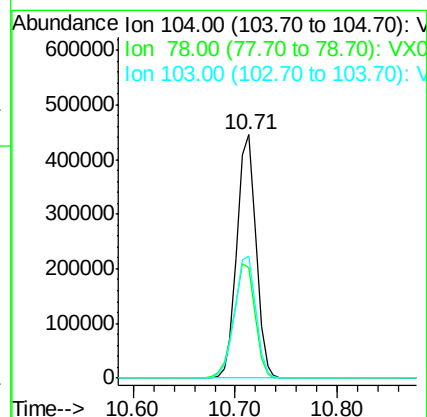
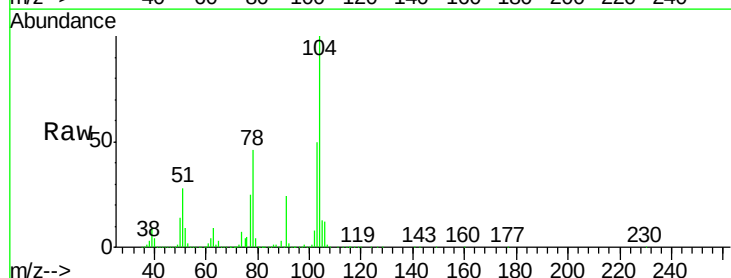
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

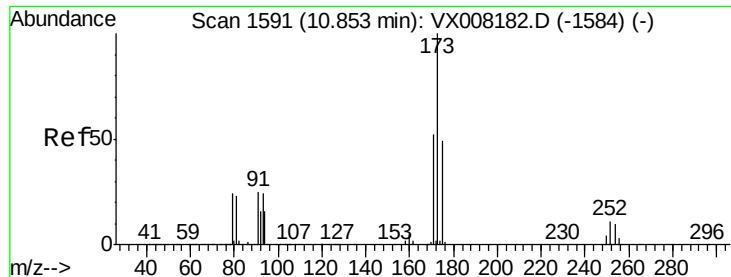
Tot Ion:106 Resp: 342736
Ion Ratio Lower Upper
106 100
91 221.5 106.3 318.9



#70
Styrene
Concen: 55.200 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

Tgt Ion:104 Resp: 572313
Ion Ratio Lower Upper
104 100
78 52.7 38.5 57.7
103 55.6 44.1 66.1





#71

Bromoform

Concen: 49.991 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

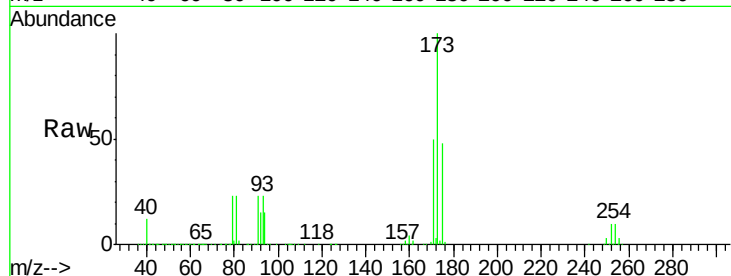
Tot Ion:173 Resp: 152316

Ion Ratio Lower Upper

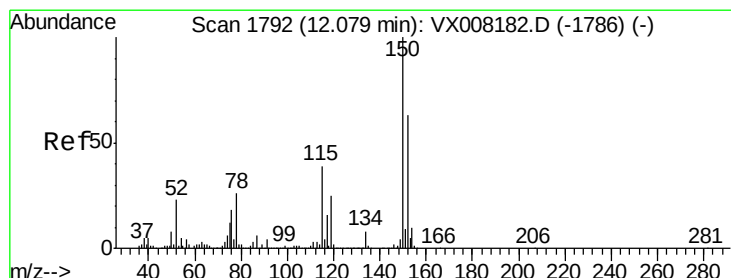
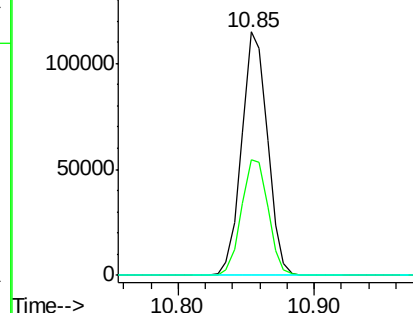
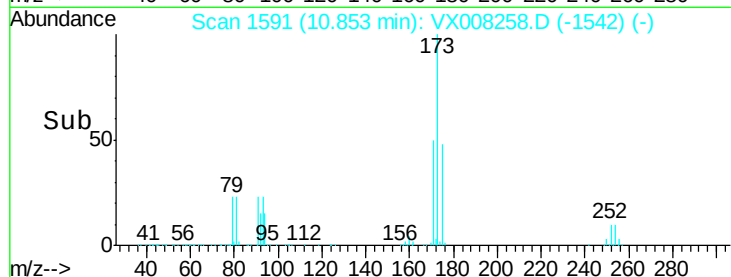
173 100

175 49.3 24.3 72.9

254 0.2 0.1 0.1#



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: VX008258.D

Acq: 20 Mar 2019 22:17

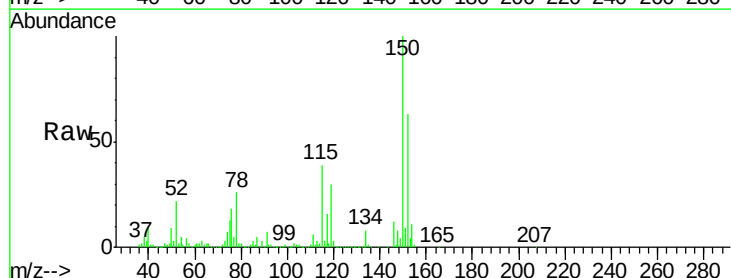
Tgt Ion:152 Resp: 192149

Ion Ratio Lower Upper

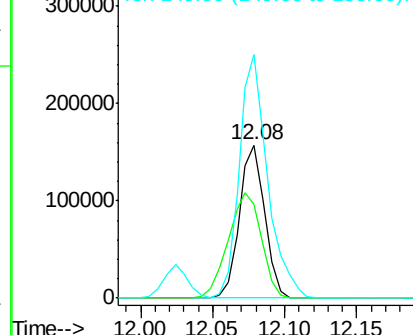
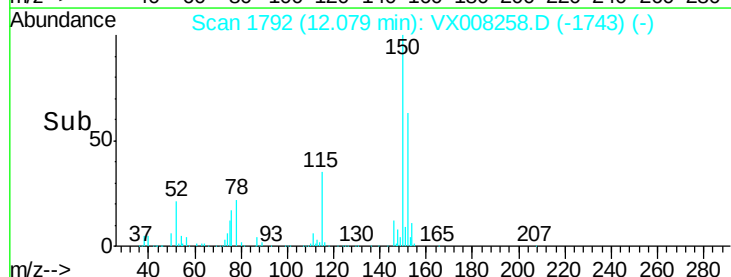
152 100

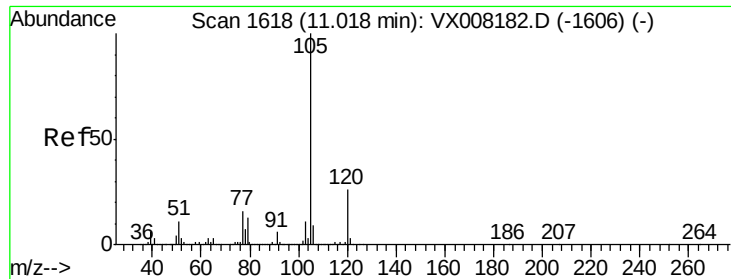
115 90.7 38.6 115.7

150 177.8 0.0 348.4



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





#73

Isopropylbenzene

Concen: 53.331 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

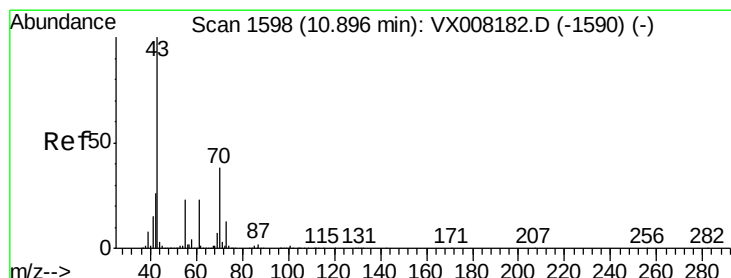
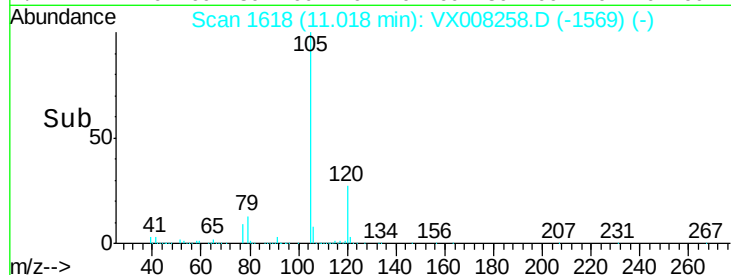
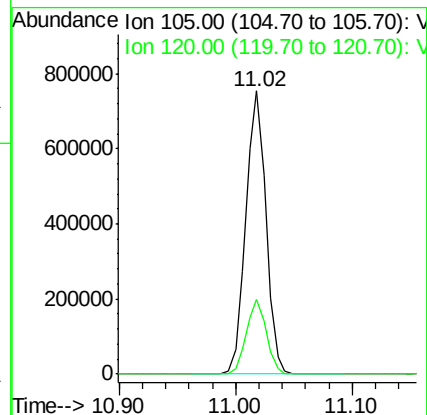
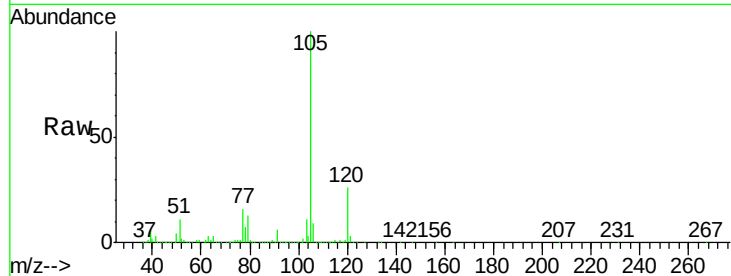
VSTDCCC050

Tot Ion:105 Resp: 913415

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 53.284 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Tgt Ion: 43 Resp: 478143

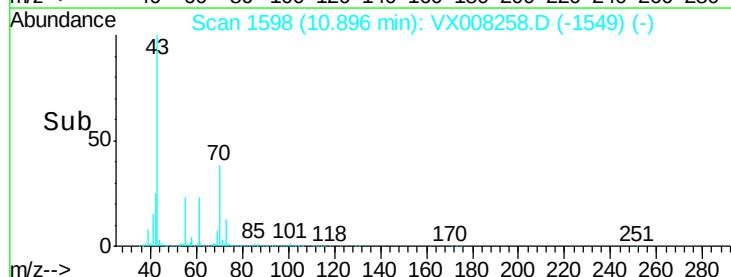
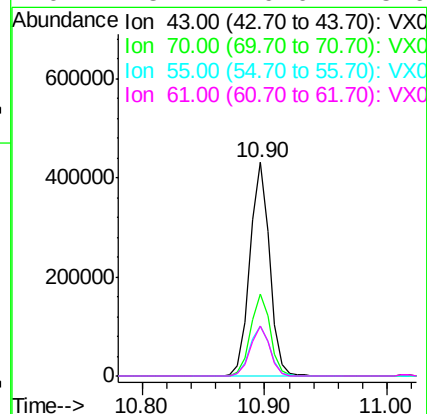
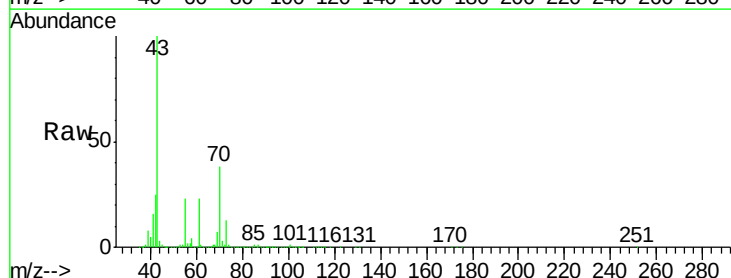
Ion Ratio Lower Upper

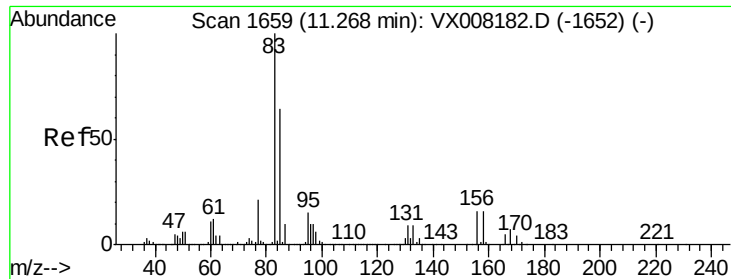
43 100

70 38.7 33.5 50.3

55 24.1 19.2 28.8

61 23.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.631 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

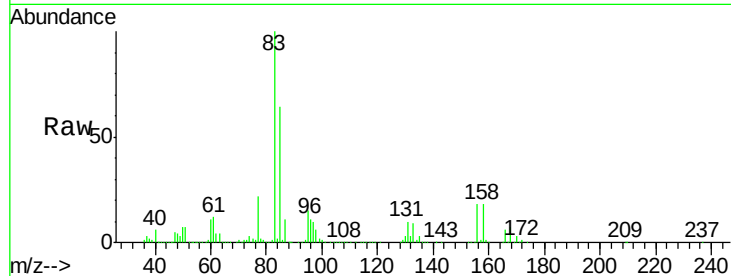
Tot Ion: 83 Resp: 317093

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

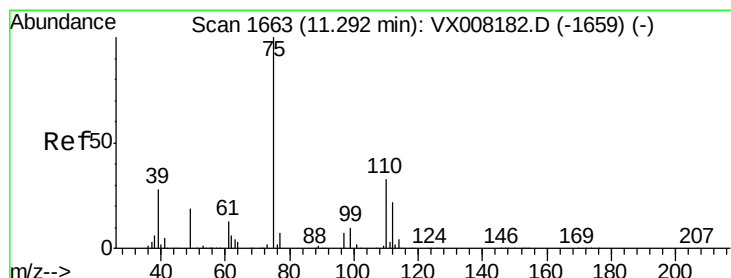
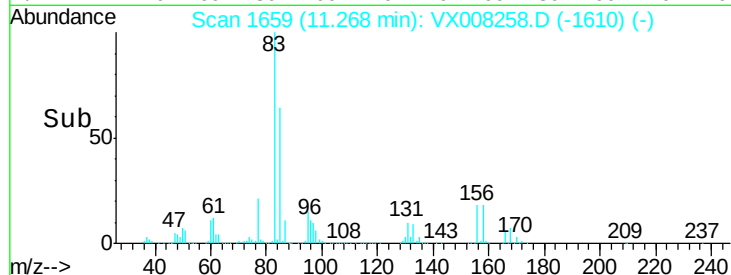
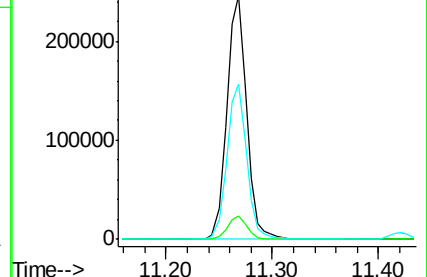
85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.671 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008258.D

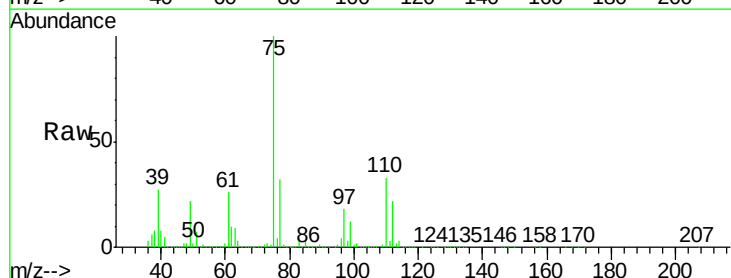
Acq: 20 Mar 2019 22:17

Tgt Ion: 75 Resp: 381937

Ion Ratio Lower Upper

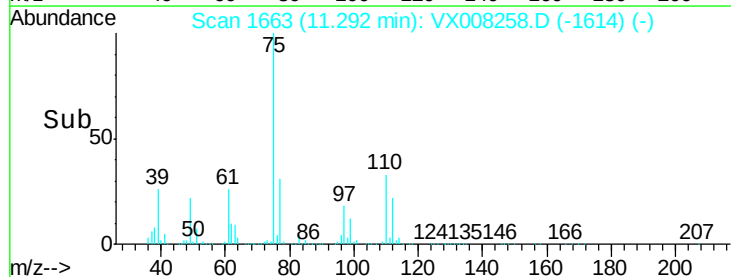
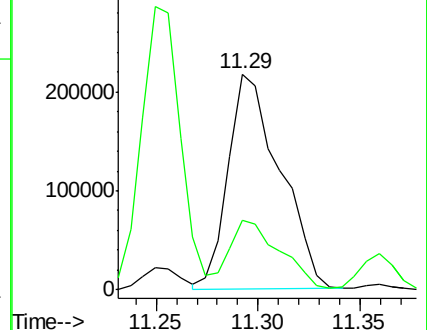
75 100

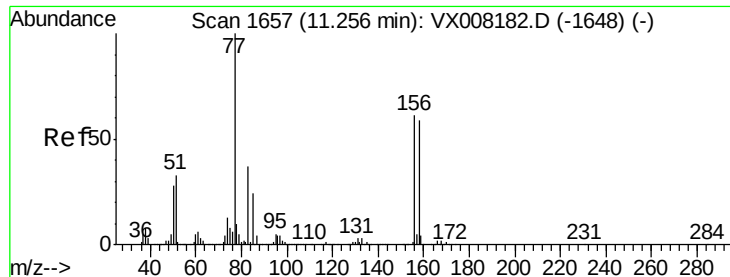
77 32.0 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.943 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

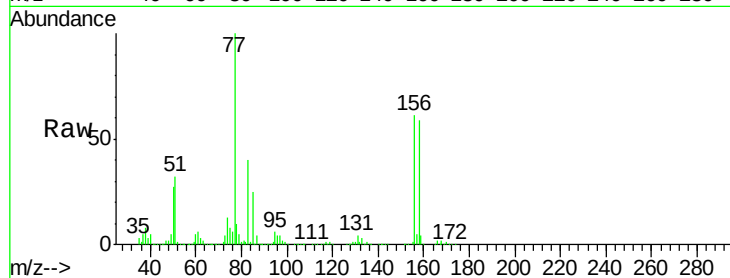
Tot Ion:156 Resp: 219240

Ion Ratio Lower Upper

156 100

77 172.6 72.0 215.9

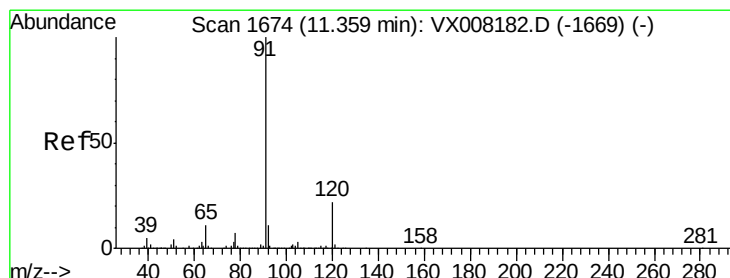
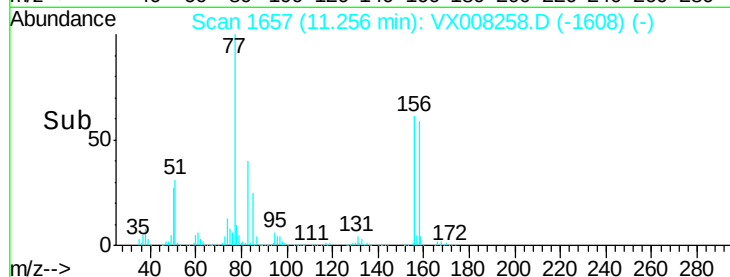
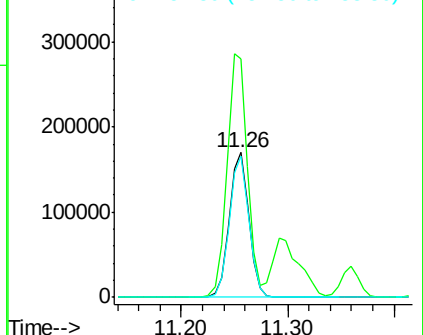
158 97.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.656 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008258.D

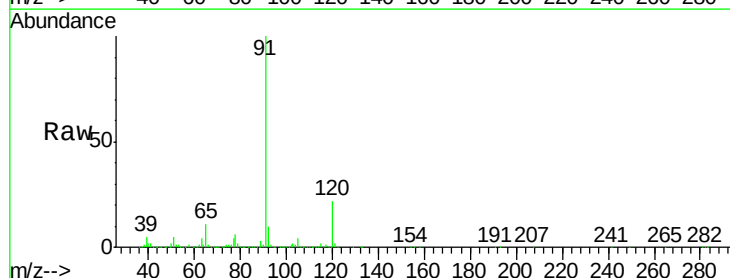
Acq: 20 Mar 2019 22:17

Tgt Ion: 91 Resp: 1067358

Ion Ratio Lower Upper

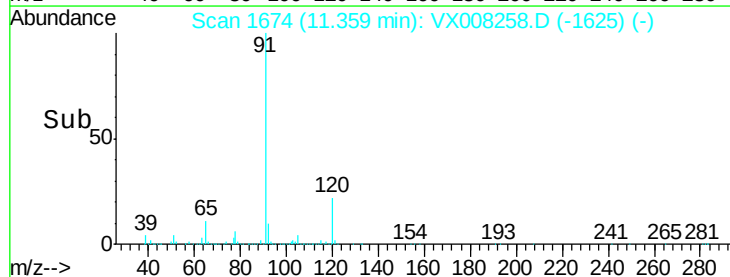
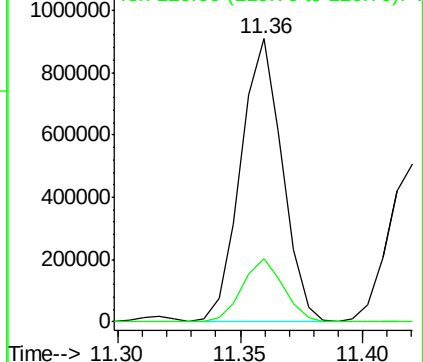
91 100

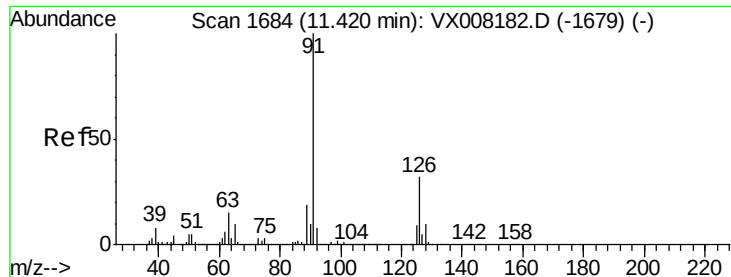
120 22.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.686 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

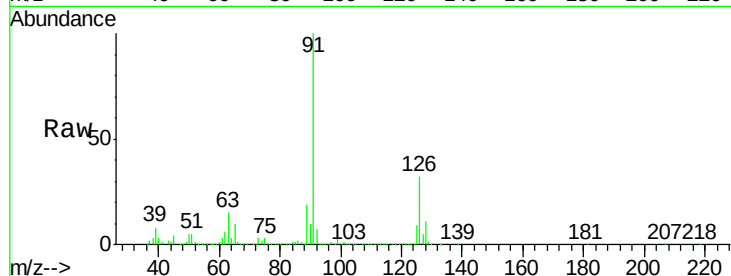
VSTDCCC050

Tot Ion: 91 Resp: 629051

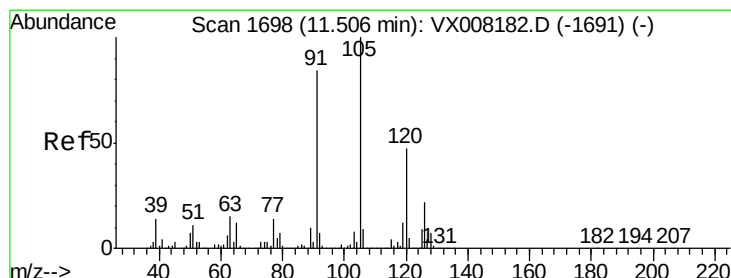
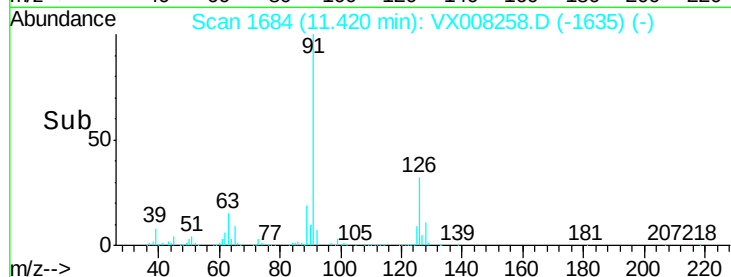
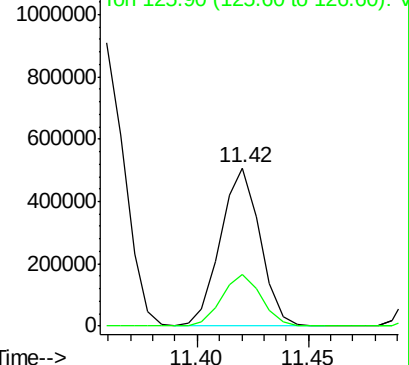
Ion Ratio Lower Upper

91 100

126 32.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX008258.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.194 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008258.D

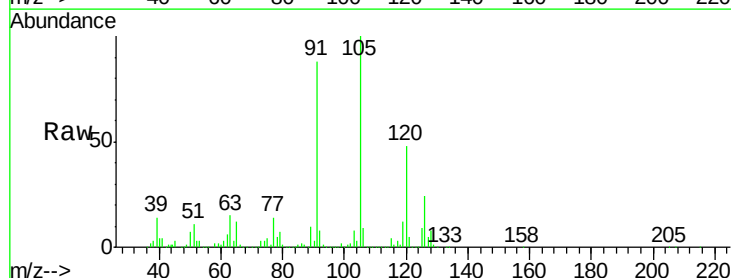
Acq: 20 Mar 2019 22:17

Tgt Ion: 105 Resp: 752685

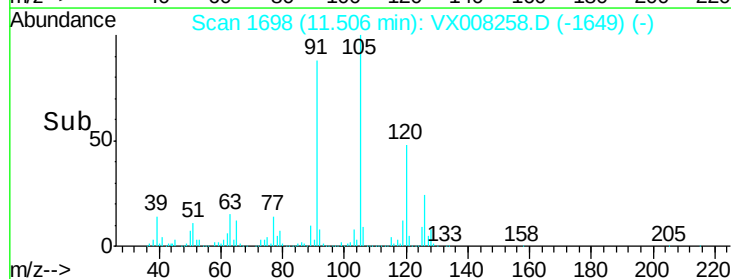
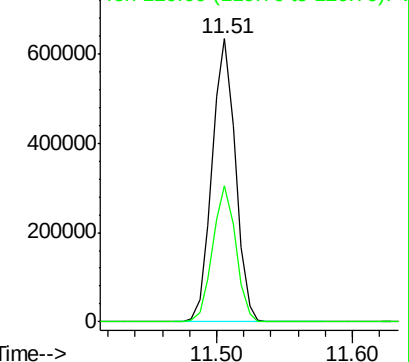
Ion Ratio Lower Upper

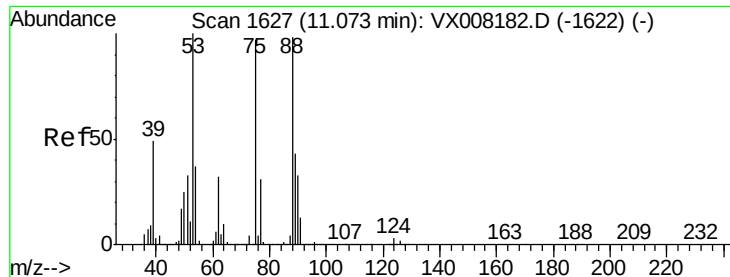
105 100

120 47.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008258.D (-1649) (-)

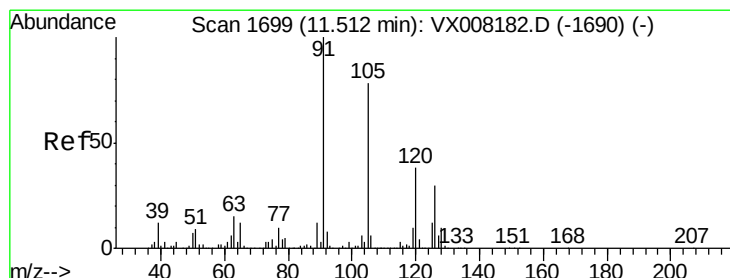
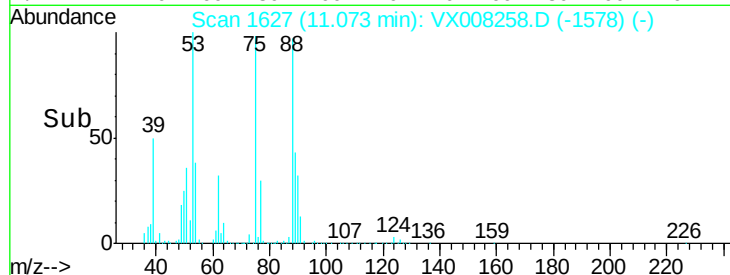
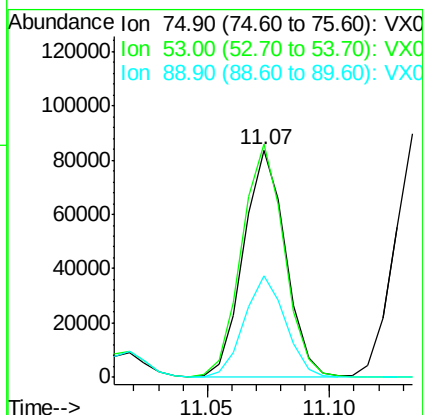
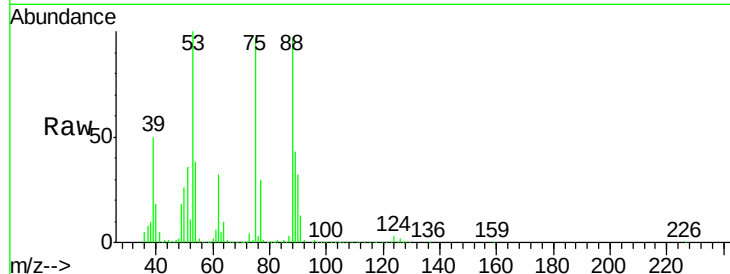




#81
trans-1,4-Dichloro-2-butene
Concen: 46.960 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

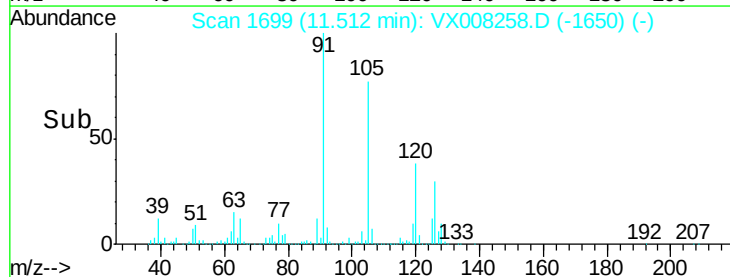
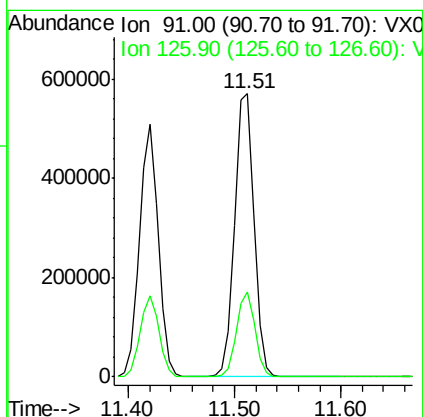
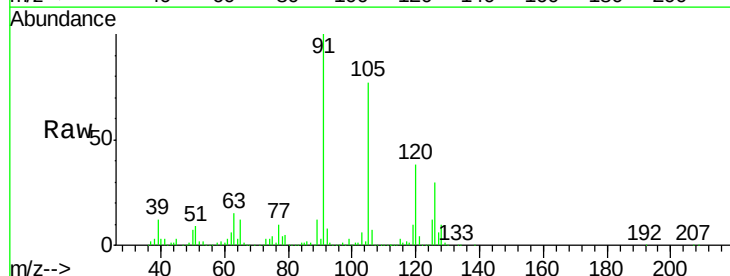
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

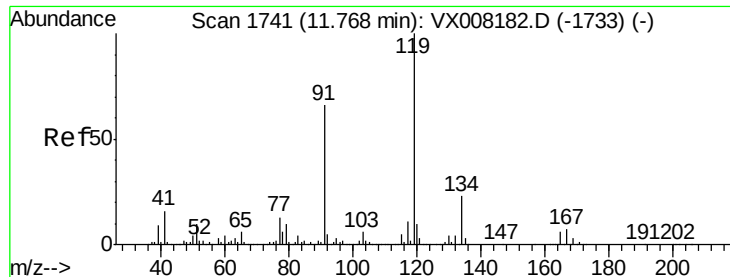
Tot Ion: 75 Resp: 99362
Ion Ratio Lower Upper
75 100
53 104.1 76.1 114.1
89 44.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 52.696 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

Tgt Ion: 91 Resp: 732151
Ion Ratio Lower Upper
91 100
126 28.7 15.6 46.8

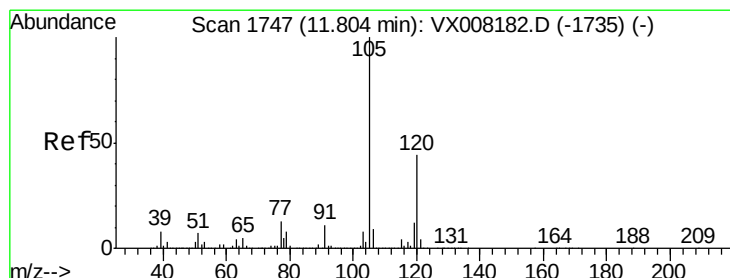
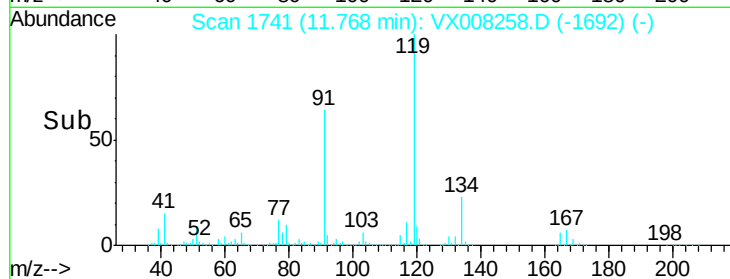
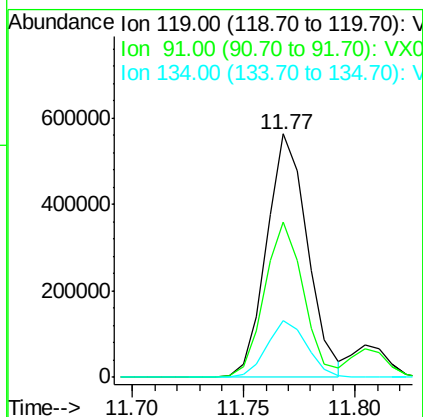
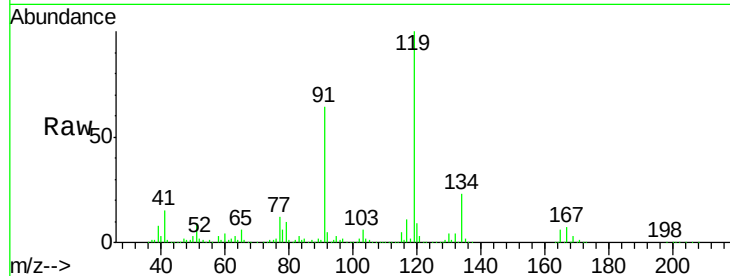




#83
 tert-Butylbenzene
 Concen: 53.148 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

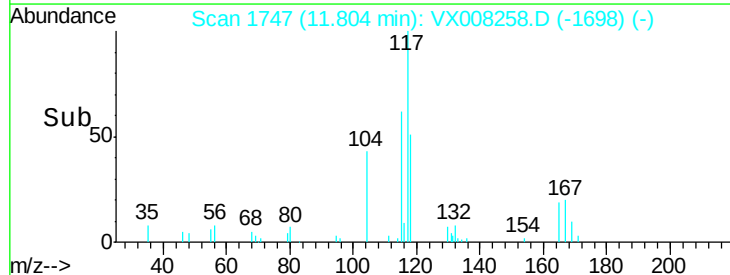
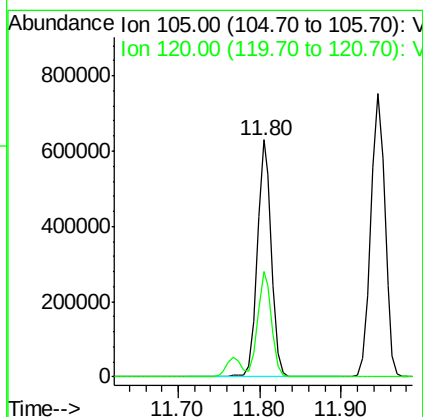
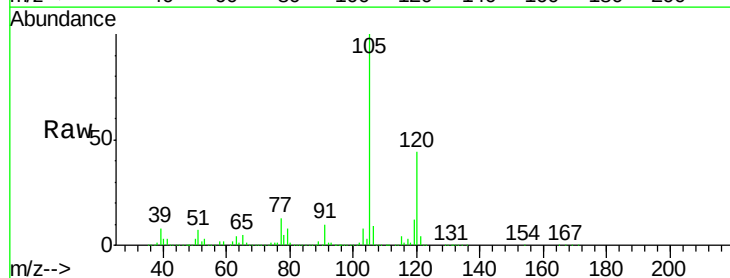
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

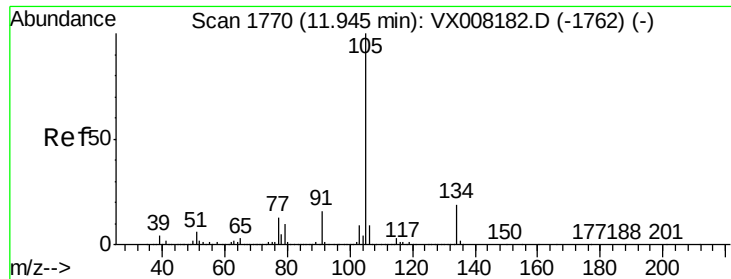
Tot Ion:119 Resp: 717995
 Ion Ratio Lower Upper
 119 100
 91 61.2 27.1 81.3
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.734 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Tgt Ion:105 Resp: 770811
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.6 67.7





#85

sec-Butylbenzene

Concen: 53.883 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

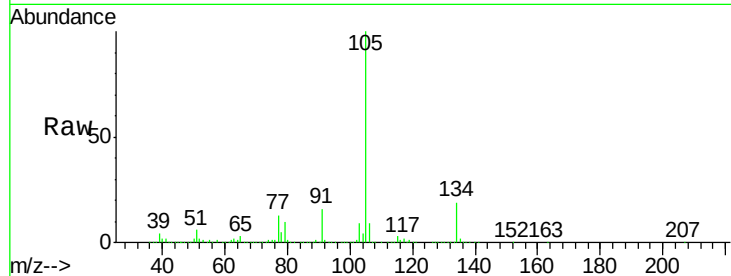
VSTDCCC050

Tot Ion:105 Resp: 901447

Ion Ratio Lower Upper

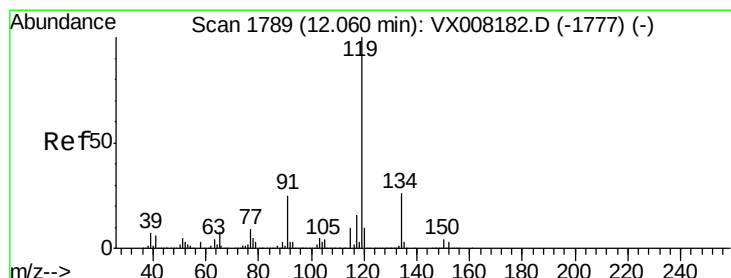
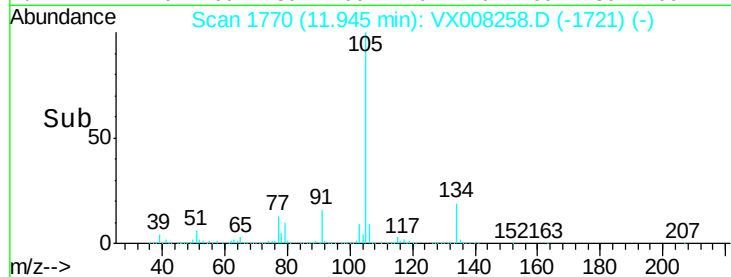
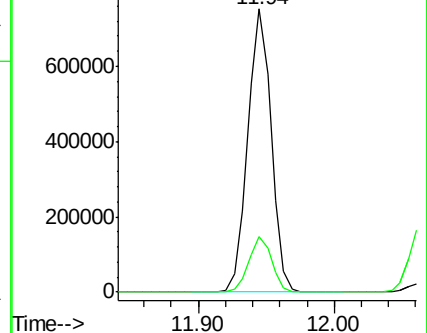
105 100

134 19.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.616 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

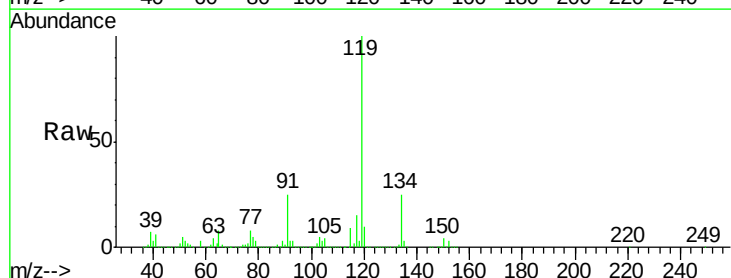
Tgt Ion:119 Resp: 776420

Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.9

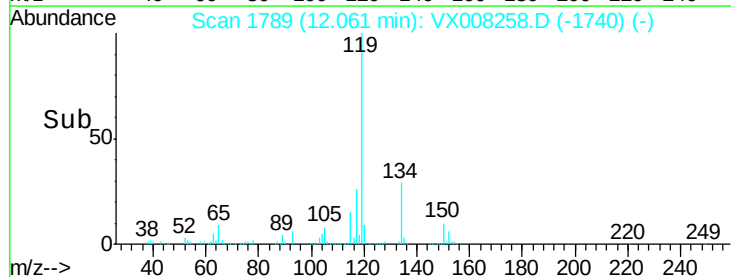
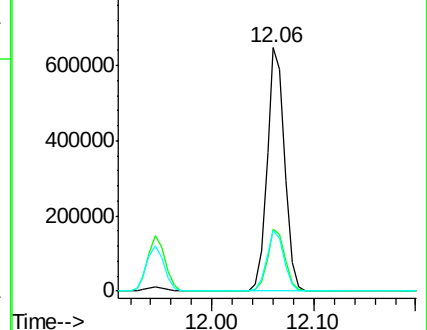
91 24.7 10.9 32.7

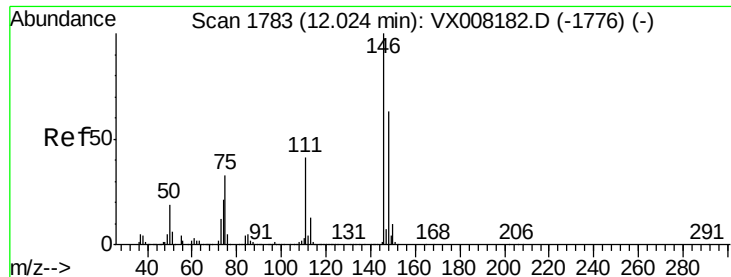


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.174 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

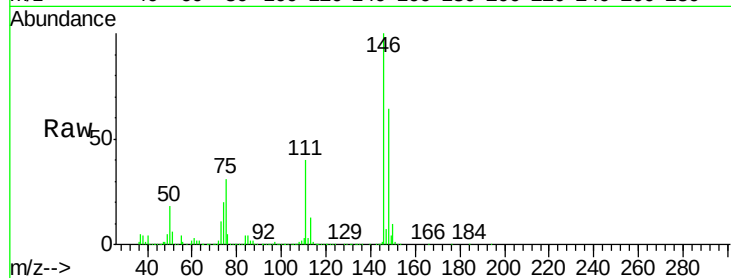
Tot Ion:146 Resp: 386120

Ion Ratio Lower Upper

146 100

111 41.3 18.9 56.7

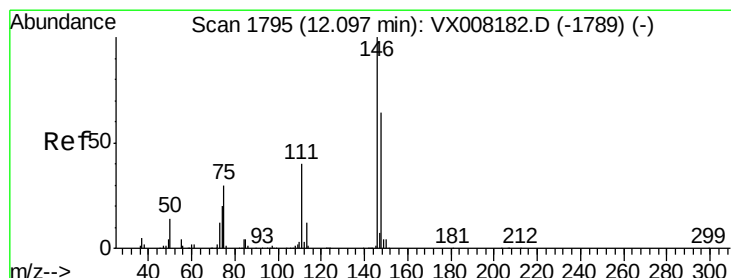
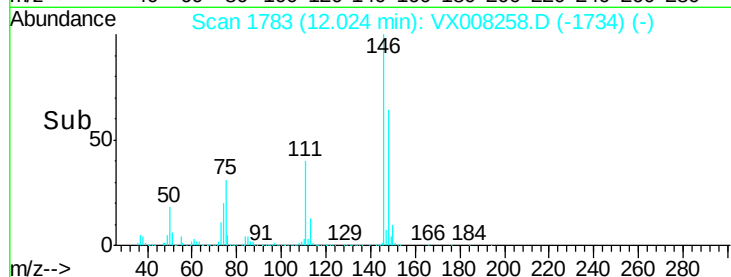
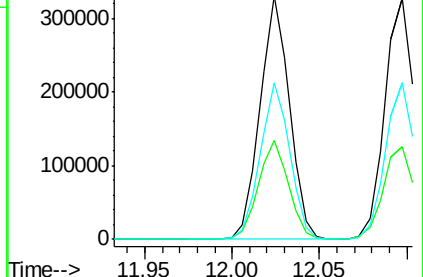
148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.641 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

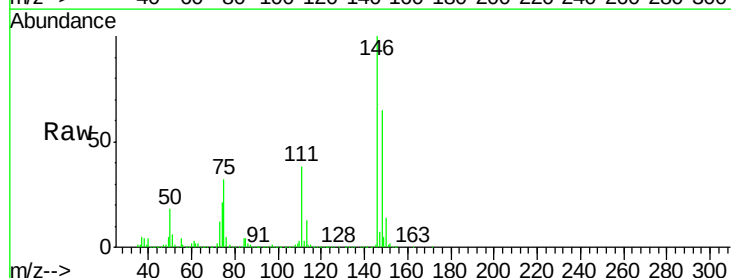
Tgt Ion:146 Resp: 387660

Ion Ratio Lower Upper

146 100

111 39.6 18.4 55.0

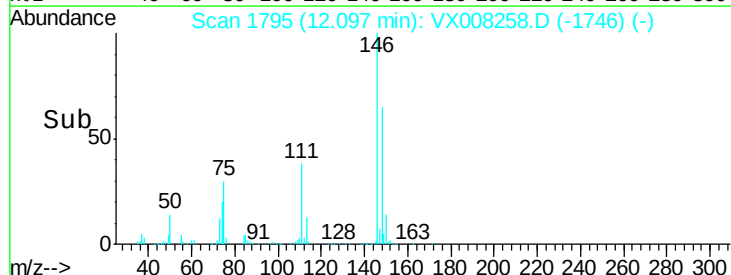
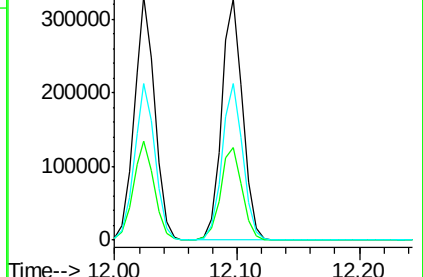
148 64.5 32.2 96.6

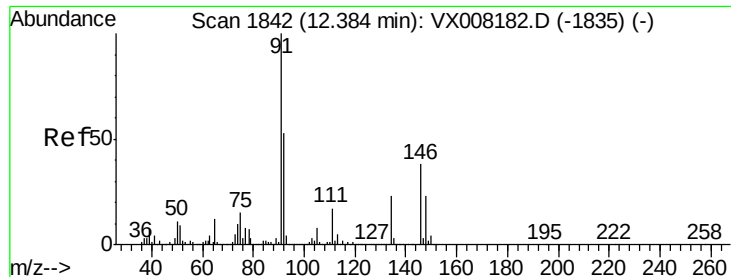


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

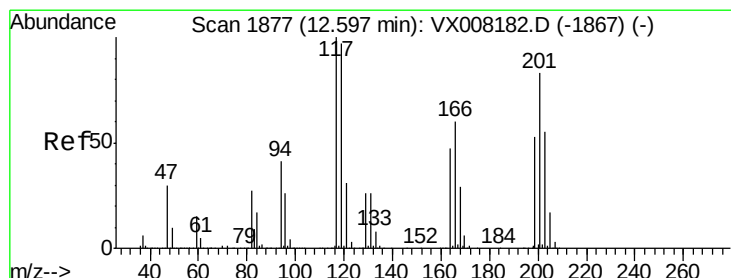
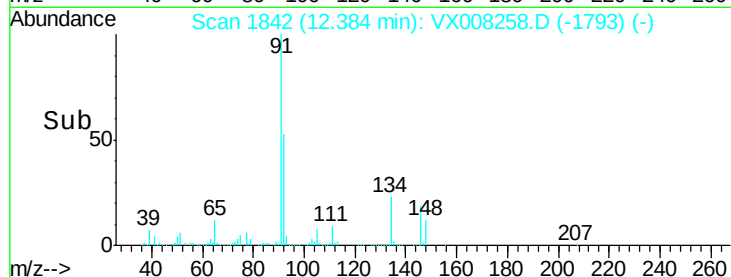
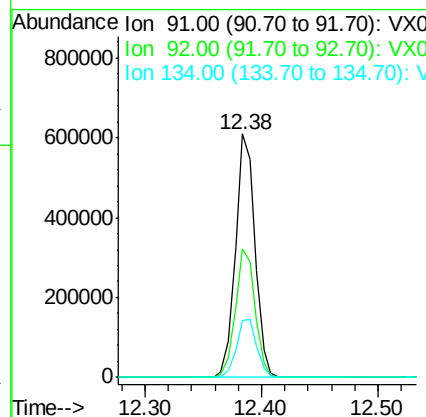
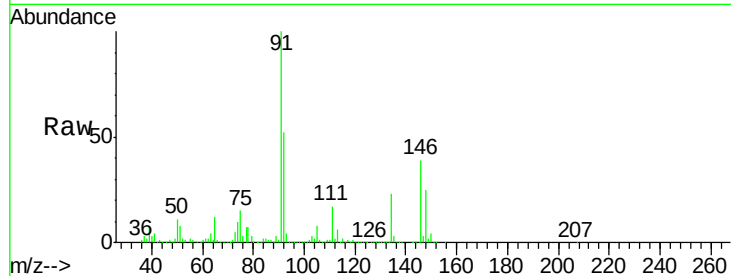




#89
n-Butylbenzene
Concen: 52.232 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

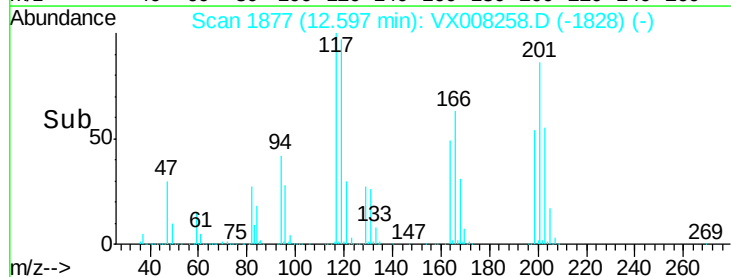
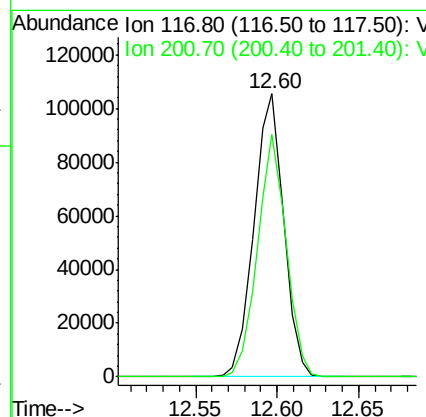
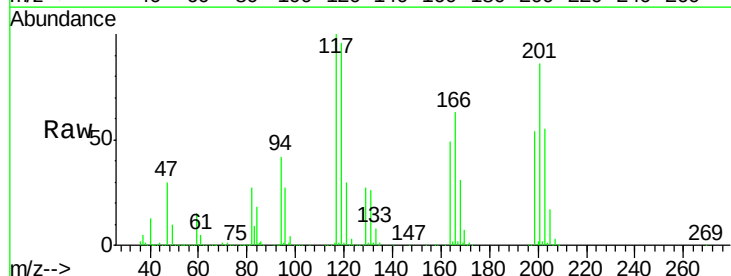
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

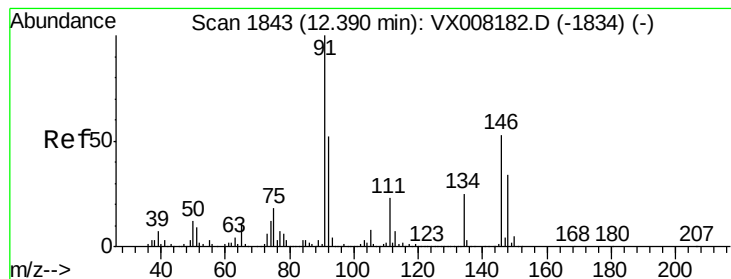
Tot Ion: 91 Resp: 709917
Ion Ratio Lower Upper
91 100
92 52.9 27.0 80.8
134 24.8 13.7 41.0



#90
Hexachloroethane
Concen: 54.292 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008258.D
Acq: 20 Mar 2019 22:17

Tgt Ion: 117 Resp: 133900
Ion Ratio Lower Upper
117 100
201 82.9 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 52.502 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

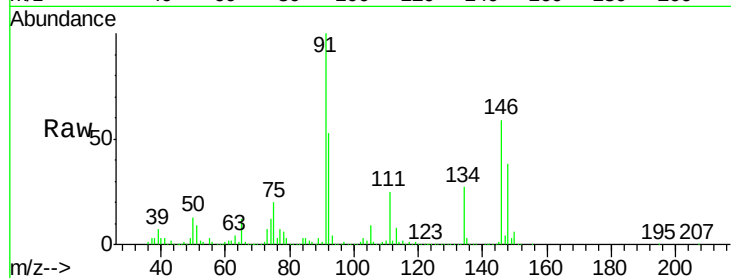
Tot Ion:146 Resp: 391771

Ion Ratio Lower Upper

146 100

111 42.5 19.6 58.8

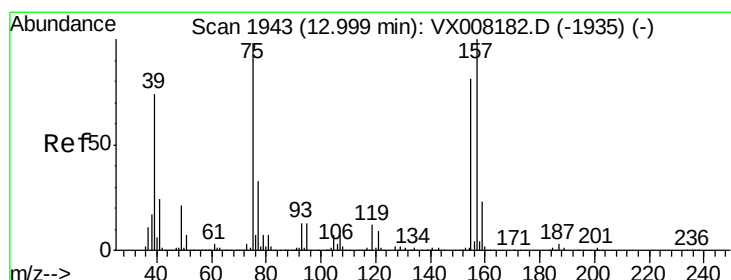
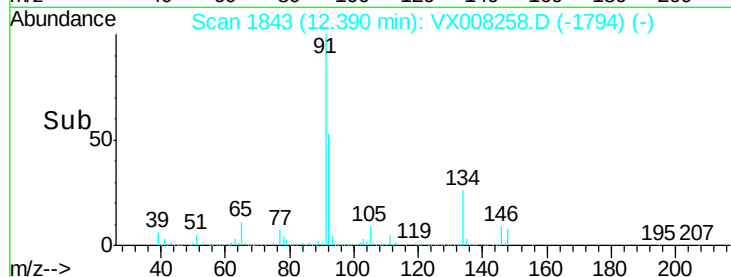
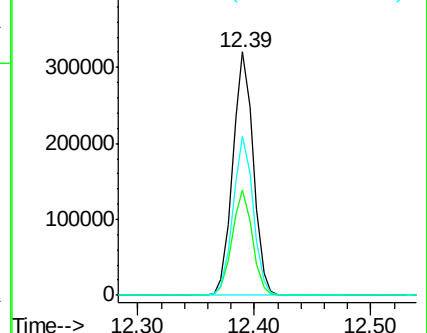
148 64.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.301 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

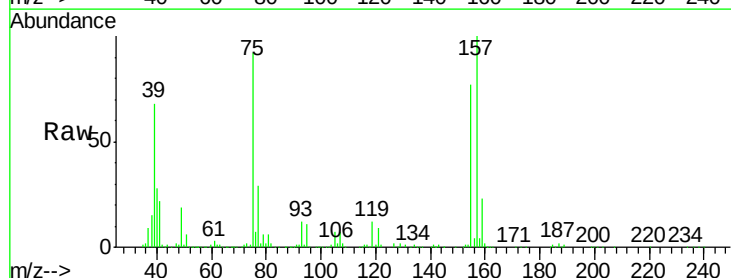
Tgt Ion: 75 Resp: 71342

Ion Ratio Lower Upper

75 100

155 80.8 49.7 149.1

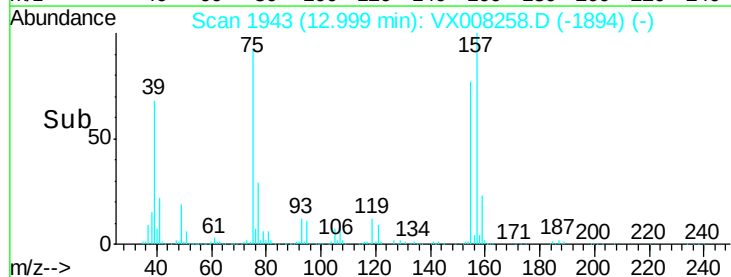
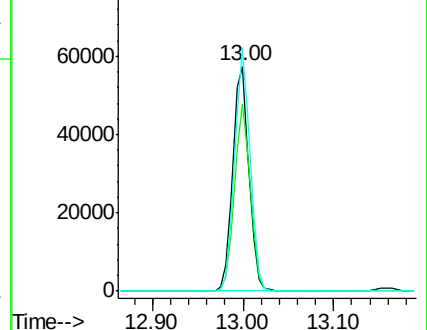
157 102.8 63.8 191.4

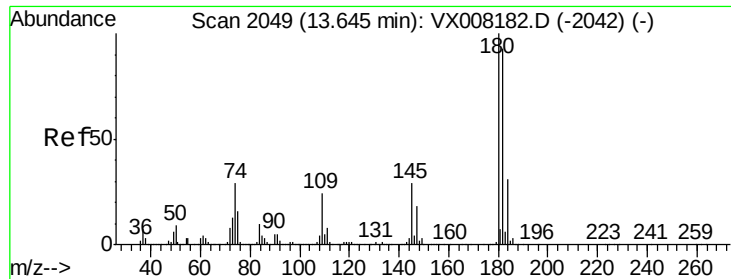


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

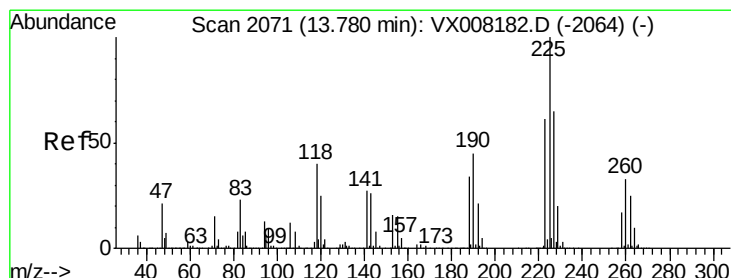
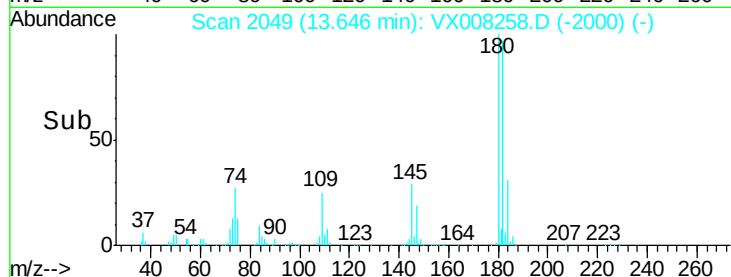
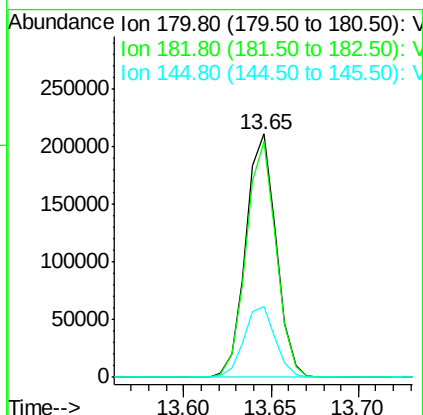
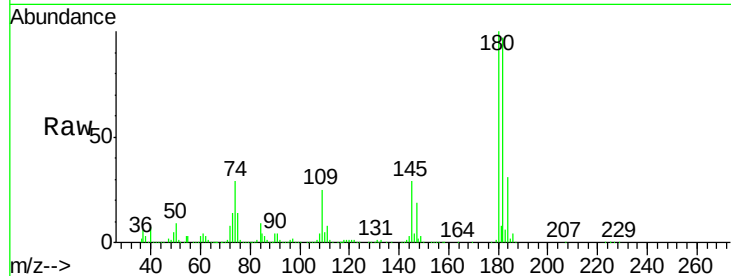




#93
 1,2,4-Trichlorobenzene
 Concen: 51.931 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

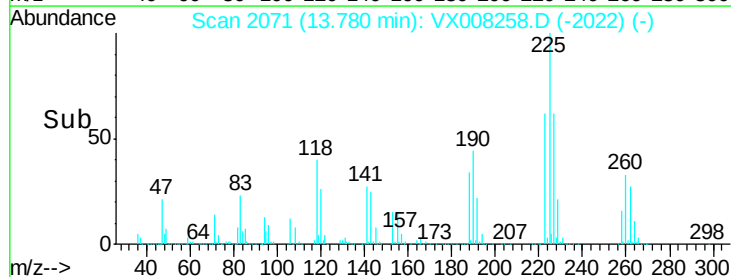
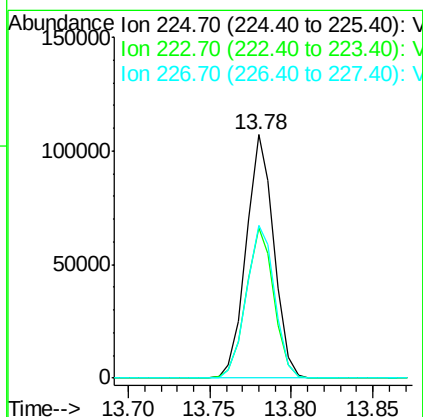
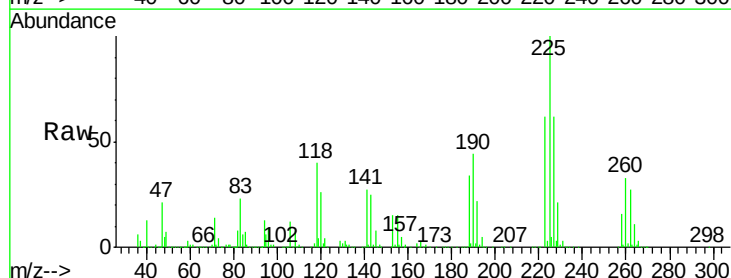
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

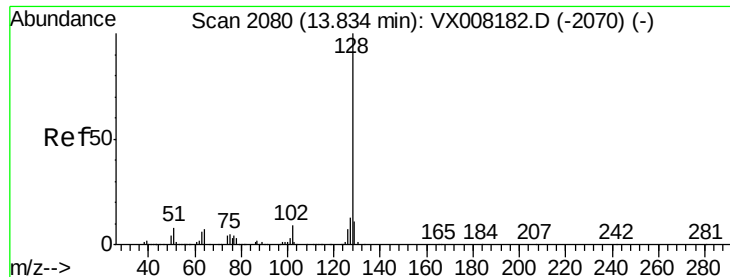
Tot Ion:180 Resp: 255248
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.7
 145 29.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 52.720 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008258.D
 Acq: 20 Mar 2019 22:17

Tgt Ion:225 Resp: 126377
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 64.3 32.0 96.0





#95

Naphthalene

Concen: 54.734 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

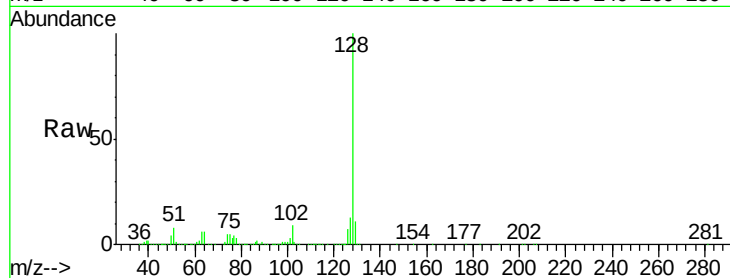
Tot Ion:128 Resp: 849091

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

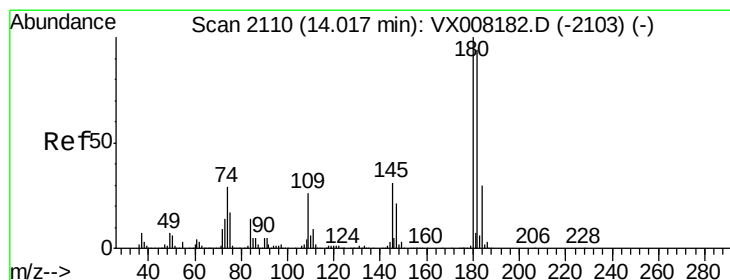
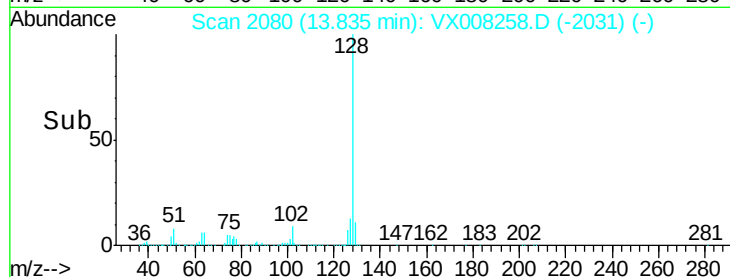
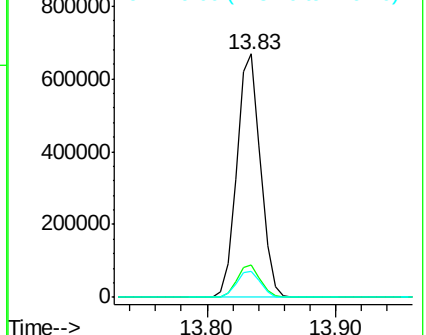
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.170 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008258.D

Acq: 20 Mar 2019 22:17

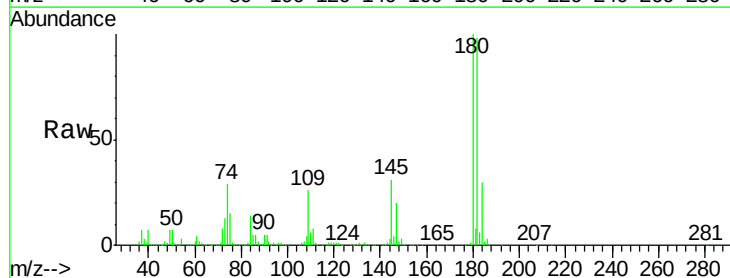
Tgt Ion:180 Resp: 257150

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 31.4 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

