

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX006015.D
 Acq On : 15 Nov 2018 10:19
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 15 11:39:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	140124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	202453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	182587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100008	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	80198	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.51	113	63647	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
50) Toluene-d8	8.71	98	227736	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.14	95	87544	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	50233	39.76	ug/l	99
3) Chloromethane	1.33	50	74369	44.85	ug/l	98
4) Vinyl Chloride	1.41	62	77013	46.27	ug/l	96
5) Bromomethane	1.64	94	39658	38.93	ug/l	98
6) Chloroethane	1.71	64	46276	46.59	ug/l	96
7) Trichlorofluoromethane	1.93	101	96685	43.76	ug/l	94
8) Diethyl Ether	2.20	74	45085	52.08	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55439	43.63	ug/l	98
10) Methyl Iodide	2.51	142	75287	48.89	ug/l	98
11) Tert butyl alcohol	3.08	59	118415	256.60	ug/l	98
12) 1,1-Dichloroethene	2.37	96	56602	45.70	ug/l	92
13) Acrolein	2.30	56	60982	275.07	ug/l	100
14) Allyl chloride	2.73	41	126812	45.84	ug/l	97
15) Acrylonitrile	3.16	53	242715	253.80	ug/l	98
16) Acetone	2.45	43	210071	242.20	ug/l	98
17) Carbon Disulfide	2.57	76	156926	42.48	ug/l	98
18) Methyl Acetate	2.79	43	131995	56.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	217326	51.41	ug/l	97
20) Methylene Chloride	2.86	84	68425	48.03	ug/l	83
21) trans-1,2-Dichloroethene	3.17	96	61855	47.35	ug/l	92
22) Diisopropyl ether	3.87	45	242556	50.06	ug/l	95
23) Vinyl Acetate	3.82	43	996870	239.93	ug/l	100
24) 1,1-Dichloroethane	3.70	63	128167	49.58	ug/l	98
25) 2-Butanone	4.71	43	341450	250.40	ug/l	98
26) 2,2-Dichloropropane	4.59	77	60237	31.76	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	69005	47.84	ug/l	96
28) Bromochloromethane	5.02	49	61033	52.82	ug/l	96
29) Tetrahydrofuran	5.16	42	222747	254.41	ug/l	98
30) Chloroform	5.22	83	119381	47.86	ug/l	95
31) Cyclohexane	5.57	56	100095	44.60	ug/l	# 84
32) 1,1,1-Trichloroethane	5.49	97	97607	46.92	ug/l	99
36) 1,1-Dichloropropene	5.80	75	85406	43.76	ug/l	98
37) Ethyl Acetate	4.86	43	123869	48.26	ug/l	99
38) Carbon Tetrachloride	5.78	117	81913	41.92	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88537	44.76	ug/l	99
40) Benzene	6.15	78	260221	45.74	ug/l	98
41) Methacrylonitrile	5.07	41	66994	48.31	ug/l	97
42) 1,2-Dichloroethane	6.20	62	93782	46.02	ug/l	99
43) Isopropyl Acetate	6.46	43	183981	49.47	ug/l	97
44) Trichloroethene	7.21	130	65257	45.16	ug/l	98
45) 1,2-Dichloropropane	7.52	63	69771	50.52	ug/l	91
46) Dibromomethane	7.66	93	41997	48.46	ug/l	99
47) Bromodichloromethane	7.90	83	79614	48.61	ug/l	98
48) Methyl methacrylate	7.78	41	88004	52.70	ug/l	98
49) 1,4-Dioxane	7.76	88	39392	1094.73	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	599580	255.81	ug/l	99
52) Toluene	8.79	92	151812	47.74	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	86271	44.64	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	94219	47.83	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	63915	45.10	ug/l	98
56) Ethyl methacrylate	9.18	69	105051	49.54	ug/l	98
57) 1,3-Dichloropropane	9.37	76	115842	48.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	289320	250.38	ug/l	99
59) 2-Hexanone	9.50	43	479248	231.97	ug/l	98
60) Dibromochloromethane	9.59	129	64614	42.19	ug/l	100
61) 1,2-Dibromoethane	9.67	107	67020	42.77	ug/l	99
64) Tetrachloroethene	9.34	164	67698	43.55	ug/l	99
65) Chlorobenzene	10.14	112	171112	46.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	62388	49.06	ug/l	100
67) Ethyl Benzene	10.25	91	297425	50.71	ug/l	100
68) m/p-Xylenes	10.36	106	226447	101.22	ug/l	99
69) o-Xylene	10.70	106	111552	55.60	ug/l	99
70) Styrene	10.71	104	187108	56.54	ug/l	99
71) Bromoform	10.86	173	53793	50.46	ug/l #	100
73) Isopropylbenzene	11.02	105	300676	51.99	ug/l	99
74) N-amyl acetate	10.90	43	159056	49.04	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	105445	49.67	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	123431	60.61	ug/l	85
77) Bromobenzene	11.26	156	79337	48.67	ug/l	99
78) n-propylbenzene	11.36	91	344251	50.51	ug/l	99
79) 2-Chlorotoluene	11.42	91	206187	50.05	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	255356	51.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	29205	45.71	ug/l	93
82) 4-Chlorotoluene	11.51	91	242761	50.00	ug/l	100
83) tert-Butylbenzene	11.77	119	251085	50.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	263288	48.54	ug/l	100
85) sec-Butylbenzene	11.94	105	302724	49.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	270136	50.16	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	145769	46.60	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146808	45.84	ug/l	99
89) n-Butylbenzene	12.39	91	236382	47.36	ug/l	99
90) Hexachloroethane	12.60	117	42719	47.51	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	147248	46.98	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27066	52.25	ug/l	92

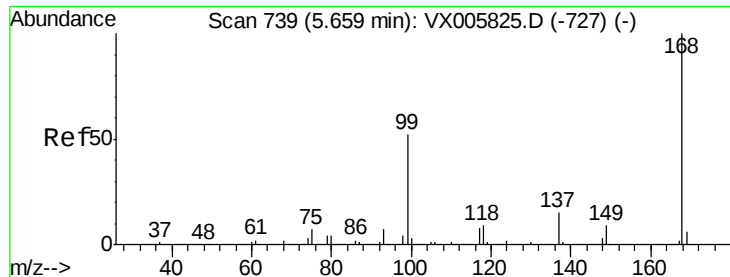
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
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QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110655	50.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	48918	42.21	ug/l	98
95) Naphthalene	13.83	128	364102	50.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113346	50.43	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

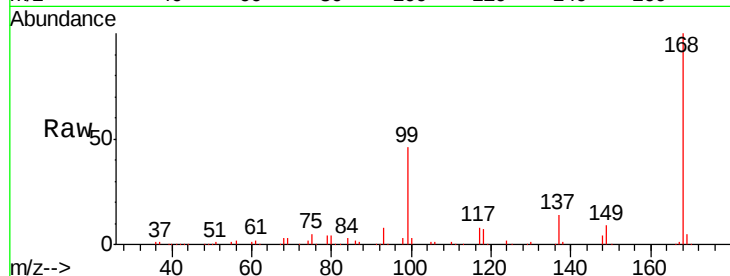
VSTDCCC050EC

Tgt Ion:168 Resp: 140124

Ion Ratio Lower Upper

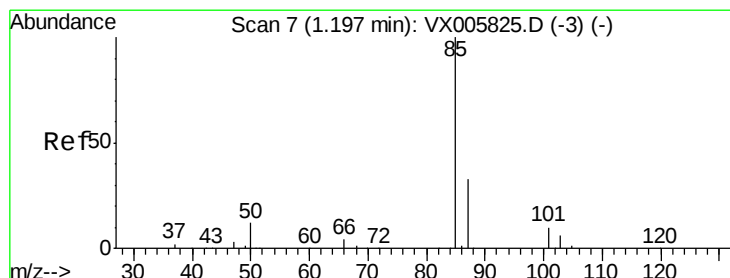
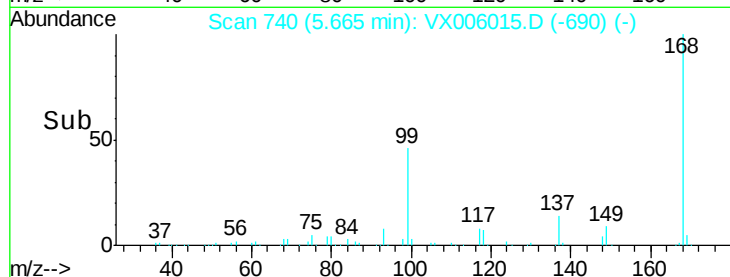
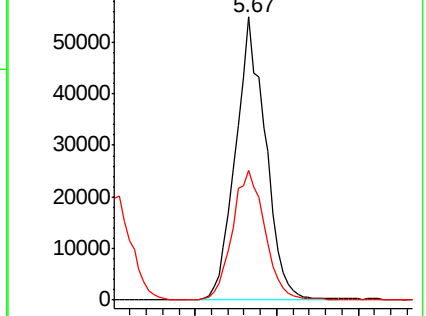
168 100

99 45.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.76 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006015.D

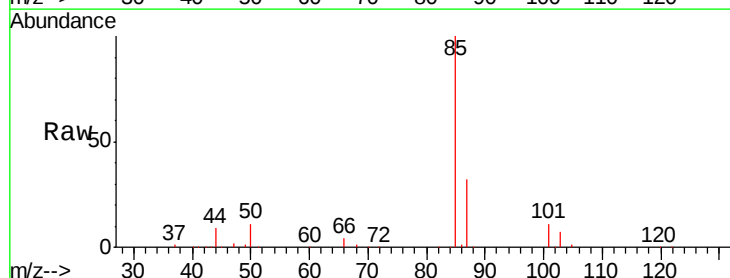
Acq: 15 Nov 2018 10:19

Tgt Ion: 85 Resp: 50233

Ion Ratio Lower Upper

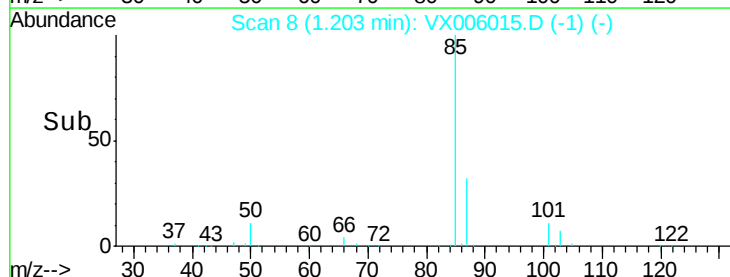
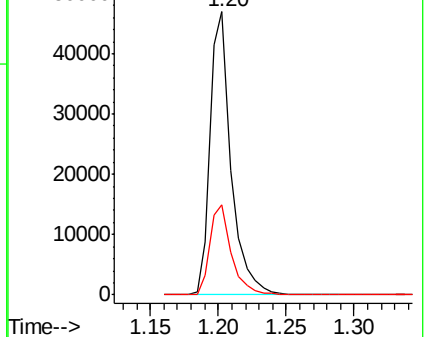
85 100

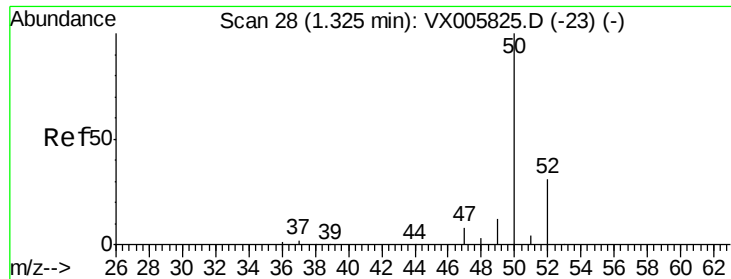
87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.85 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

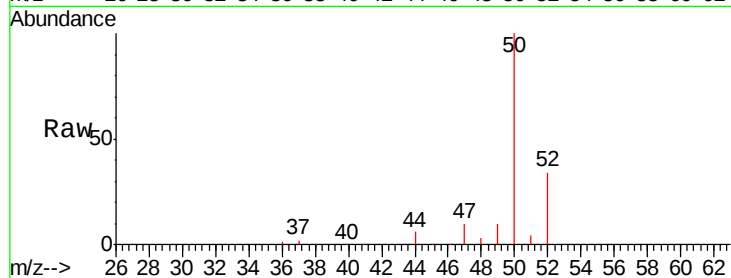
VSTDCCC050EC

Tgt Ion: 50 Resp: 74369

Ion Ratio Lower Upper

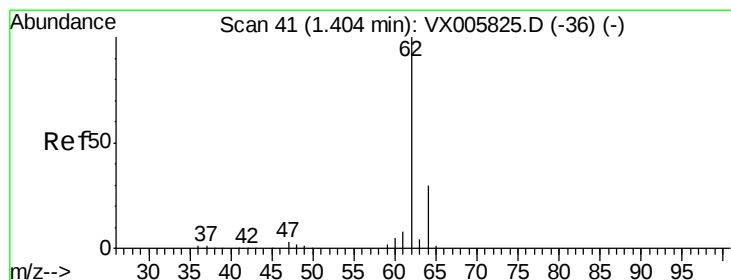
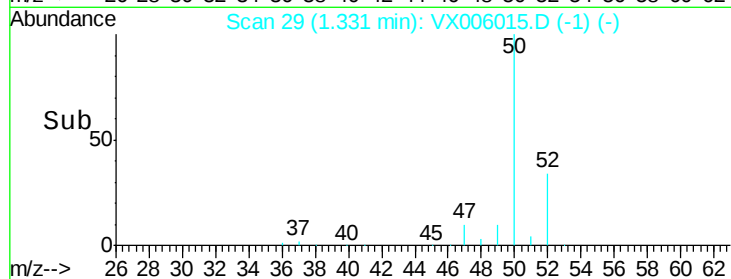
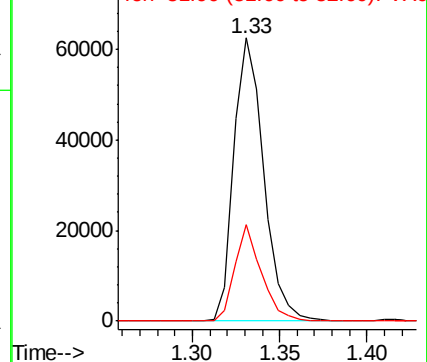
50 100

52 33.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.27 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006015.D

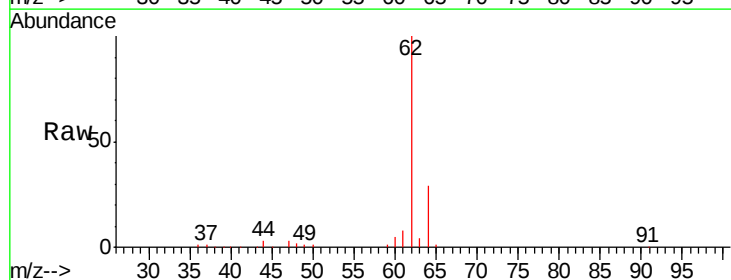
Acq: 15 Nov 2018 10:19

Tgt Ion: 62 Resp: 77013

Ion Ratio Lower Upper

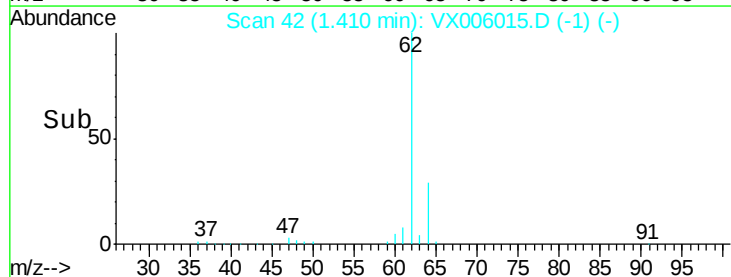
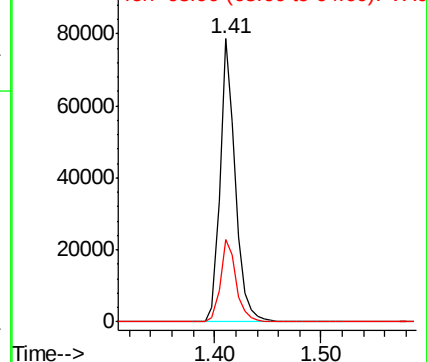
62 100

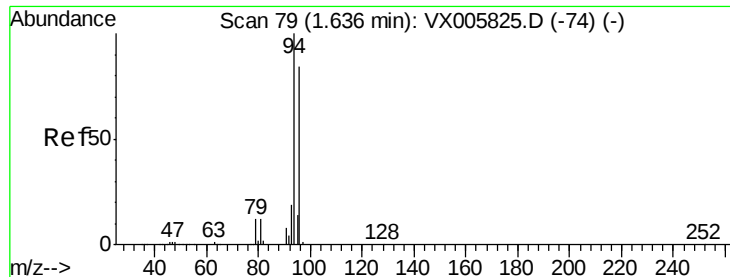
64 29.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 38.93 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

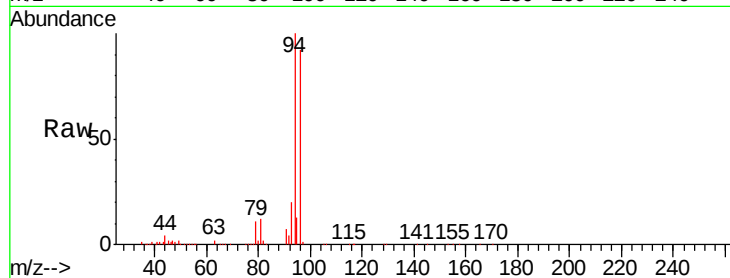
VSTDCCC050EC

Tgt Ion: 94 Resp: 39658

Ion Ratio Lower Upper

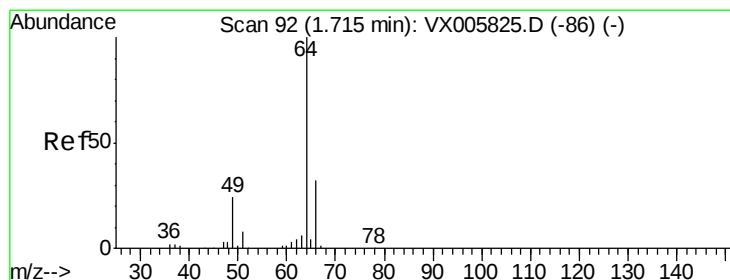
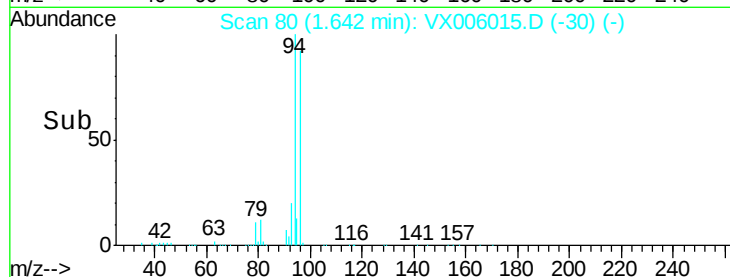
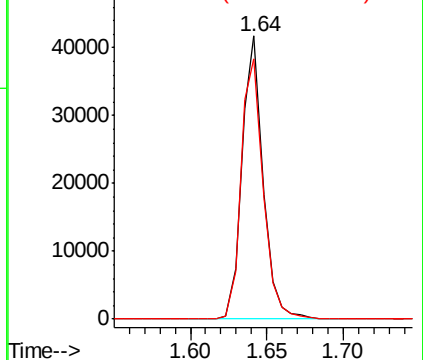
94 100

96 92.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.59 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006015.D

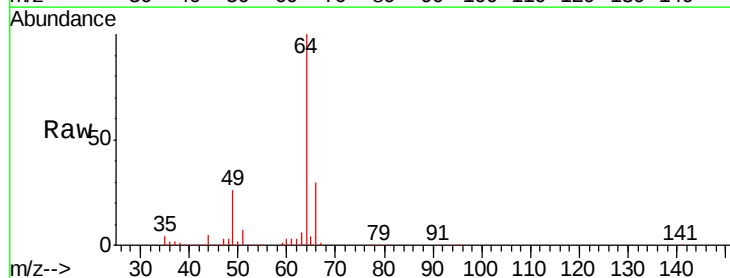
Acq: 15 Nov 2018 10:19

Tgt Ion: 64 Resp: 46276

Ion Ratio Lower Upper

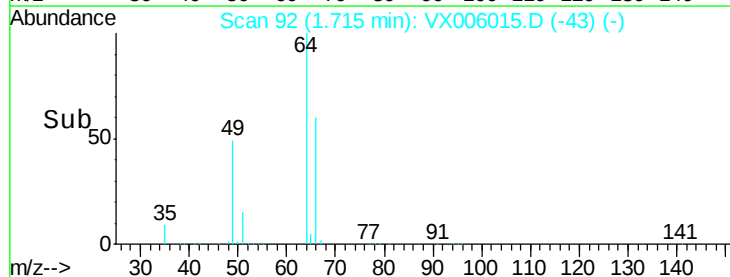
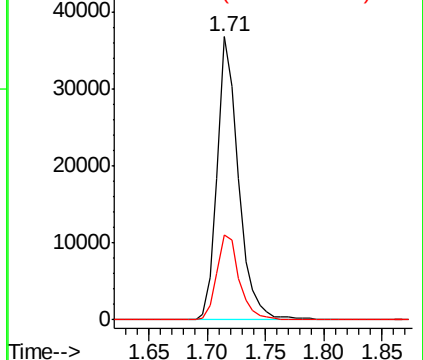
64 100

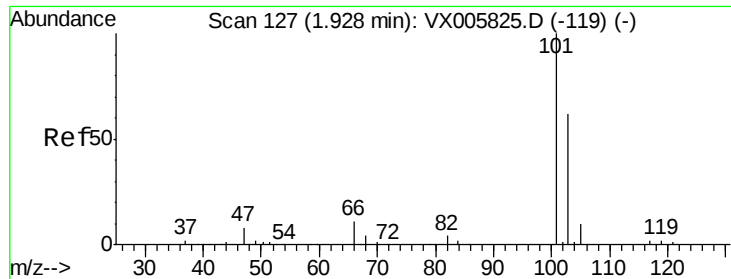
66 30.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 43.76 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

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ClientSampleId :

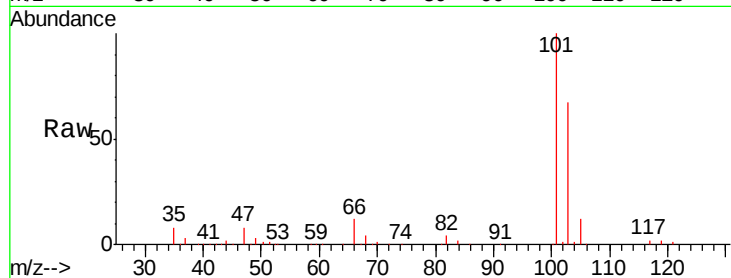
VSTDCCC050EC

Tgt Ion:101 Resp: 96685

Ion Ratio Lower Upper

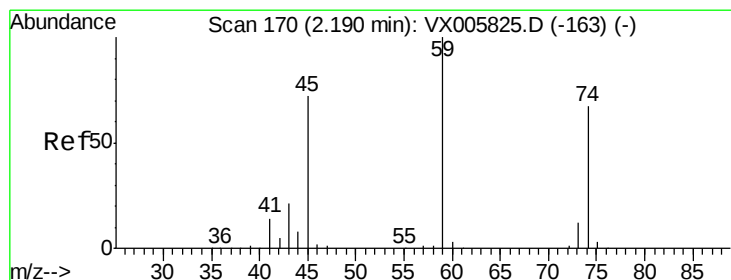
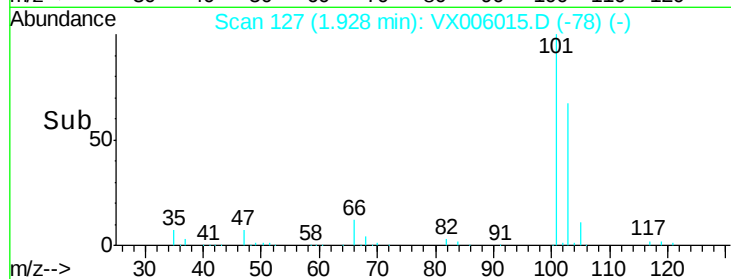
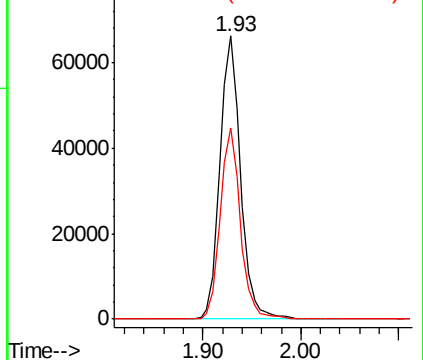
101 100

103 67.4 50.0 75.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 52.08 ug/l

RT: 2.20 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX006015.D

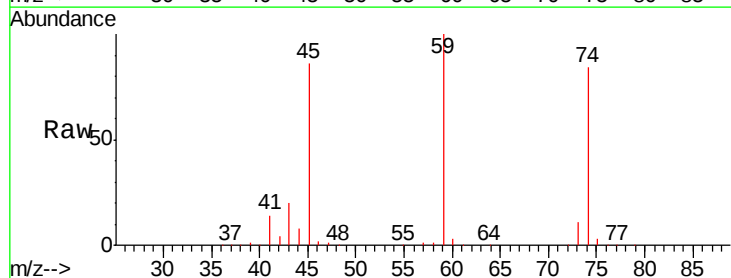
Acq: 15 Nov 2018 10:19

Tgt Ion: 74 Resp: 45085

Ion Ratio Lower Upper

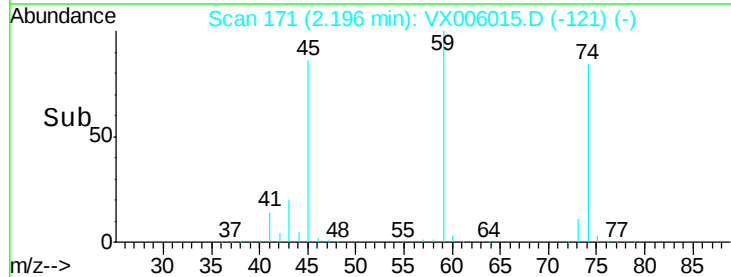
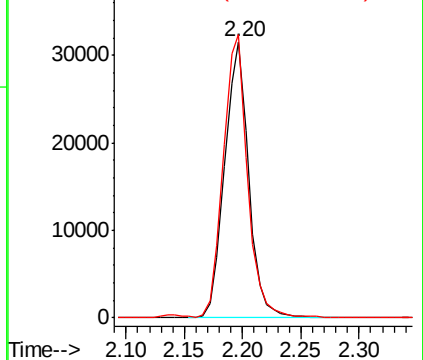
74 100

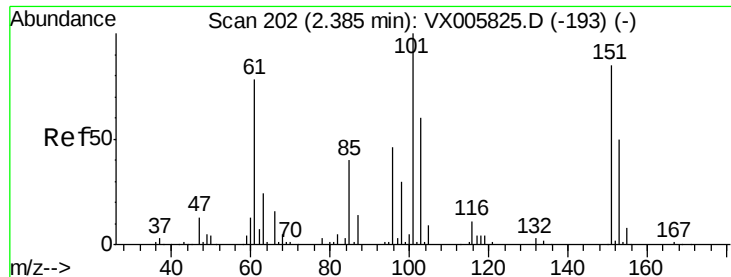
45 103.1 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

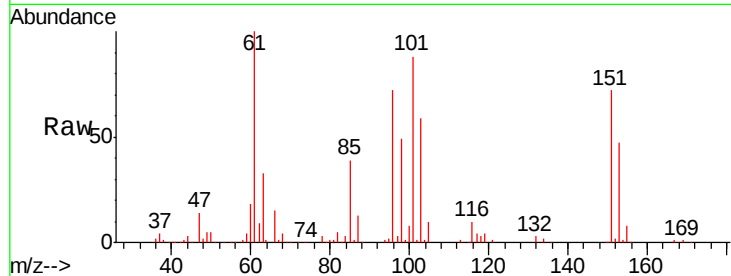




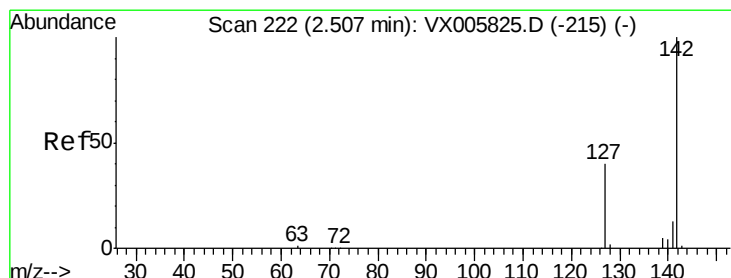
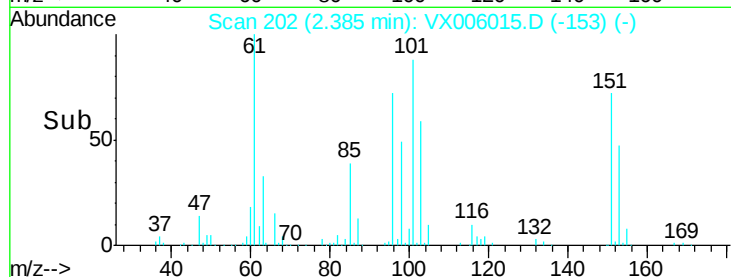
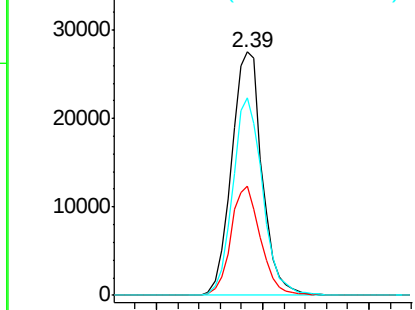
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.63 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 55439
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.0 52.4
 151 79.6 66.2 99.2

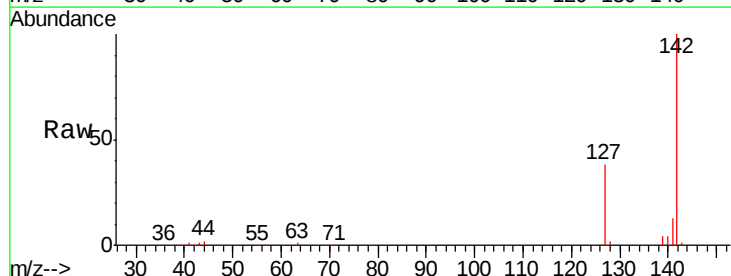


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

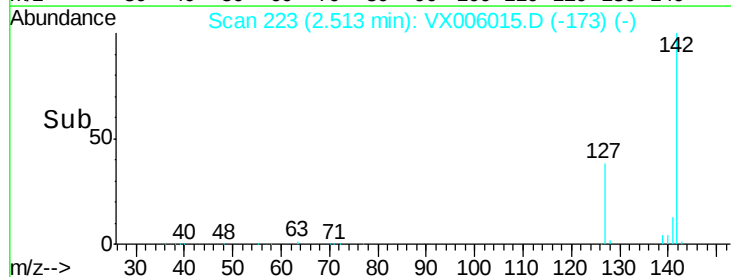
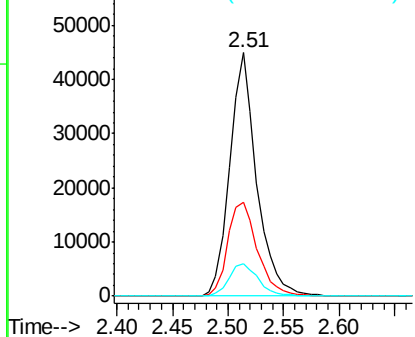


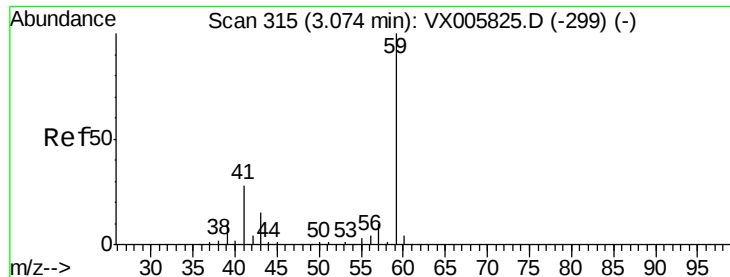
#10
 Methyl Iodide
 Concen: 48.89 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Tgt Ion:142 Resp: 75287
 Ion Ratio Lower Upper
 142 100
 127 42.9 36.0 54.0
 141 14.5 11.7 17.5



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



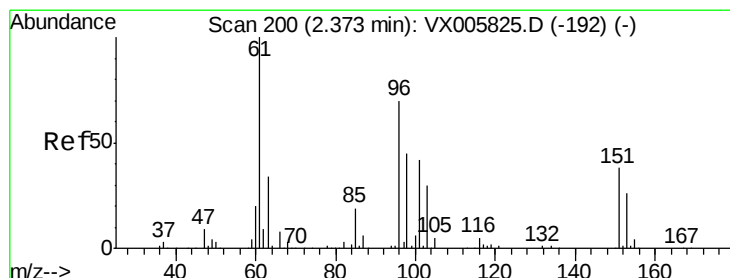
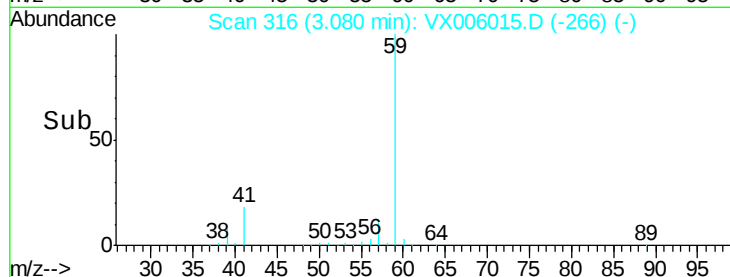
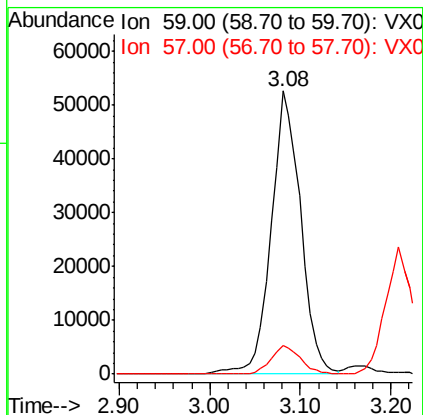
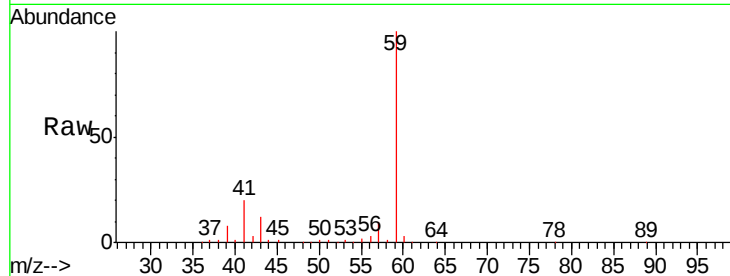


#11

Tert butyl alcohol
Concen: 256.60 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

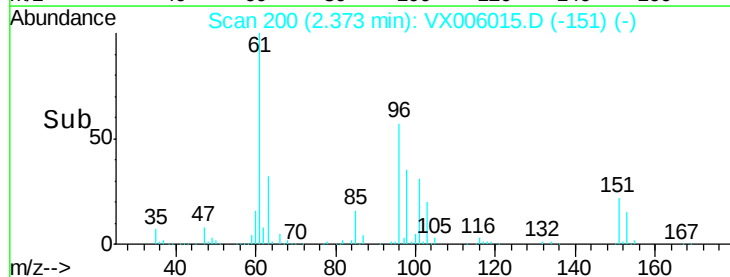
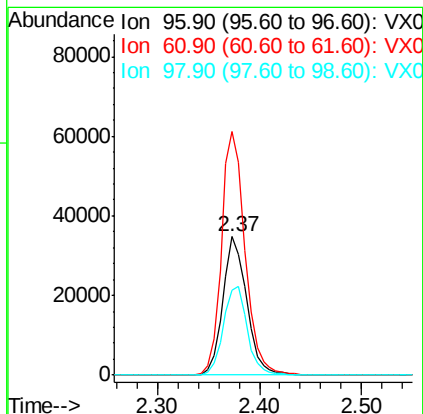
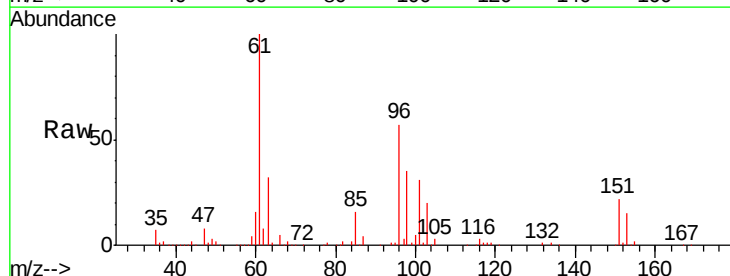
Tgt Ion: 59 Resp: 118415
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

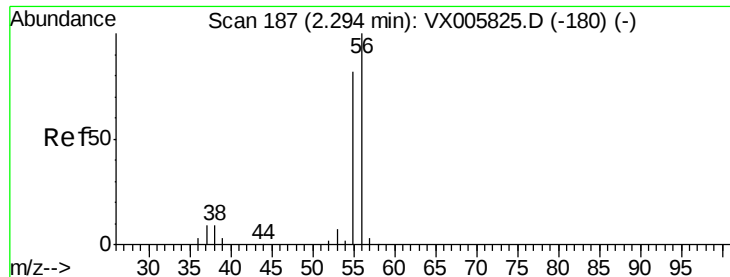


#12

1,1-Dichloroethene
Concen: 45.70 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion: 96 Resp: 56602
Ion Ratio Lower Upper
96 100
61 176.1 131.8 197.8
98 61.2 53.4 80.2





#13

Acrolein

Concen: 275.07 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

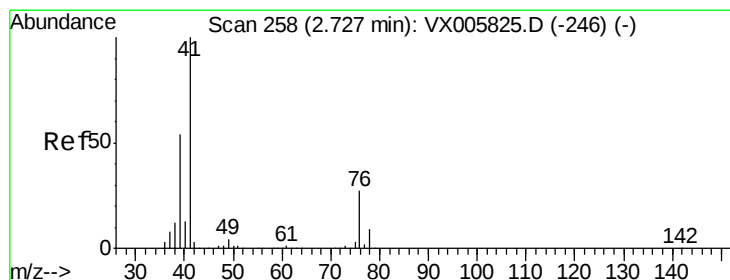
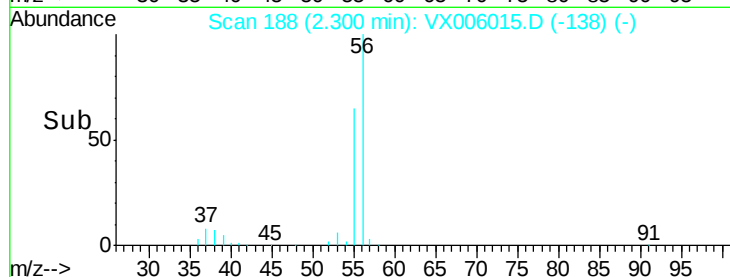
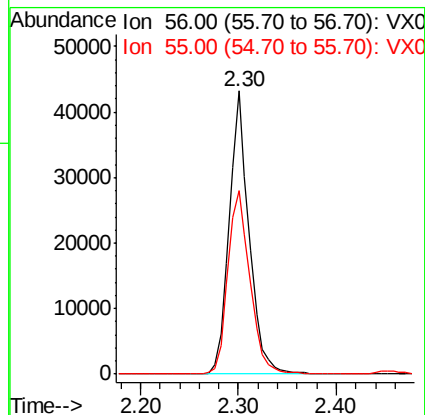
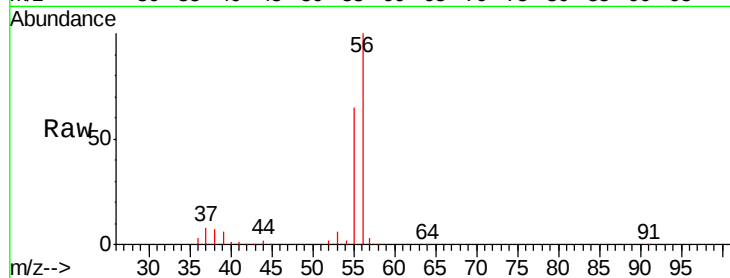
VSTDCCC050EC

Tgt Ion: 56 Resp: 60982

Ion Ratio Lower Upper

56 100

55 71.7 57.3 85.9



#14

Allyl chloride

Concen: 45.84 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

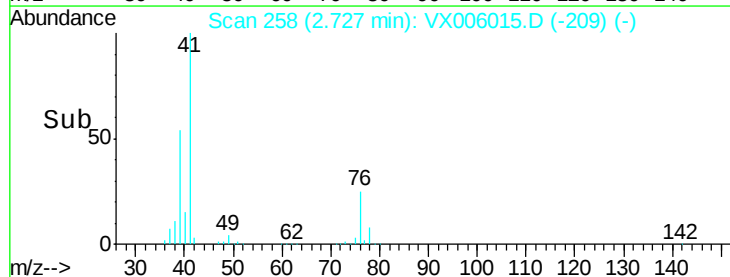
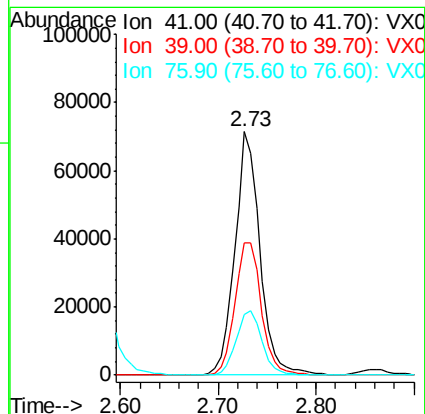
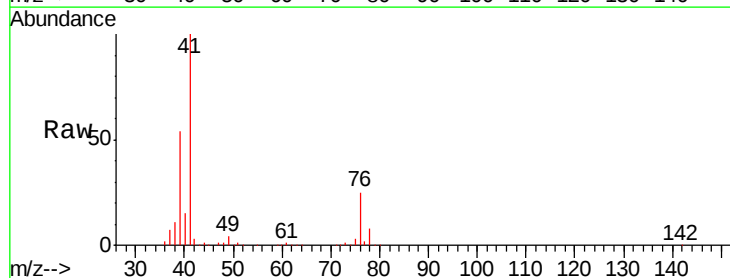
Tgt Ion: 41 Resp: 126812

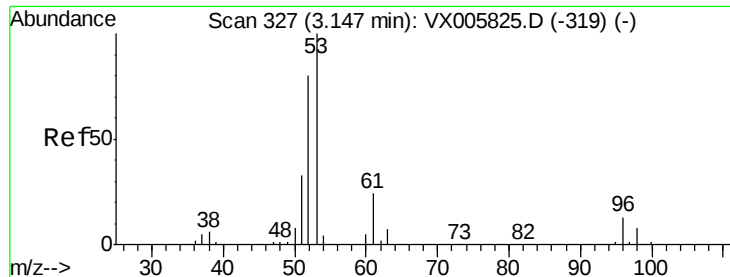
Ion Ratio Lower Upper

41 100

39 57.4 48.2 72.4

76 27.4 21.9 32.9

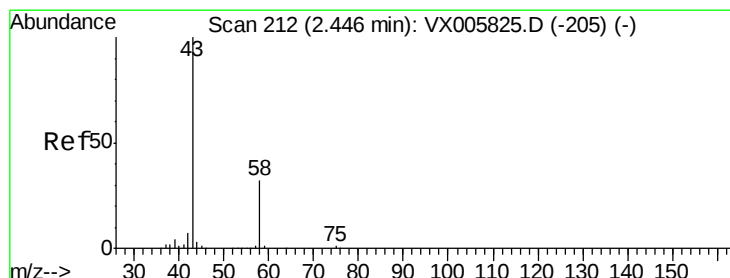
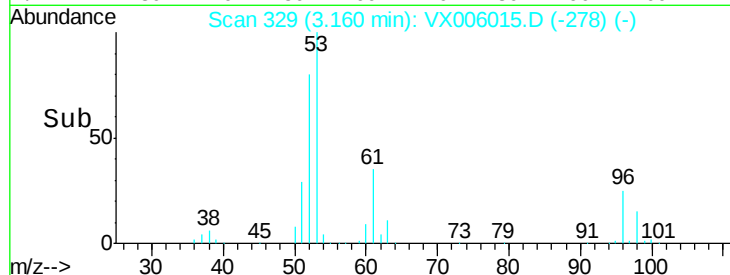
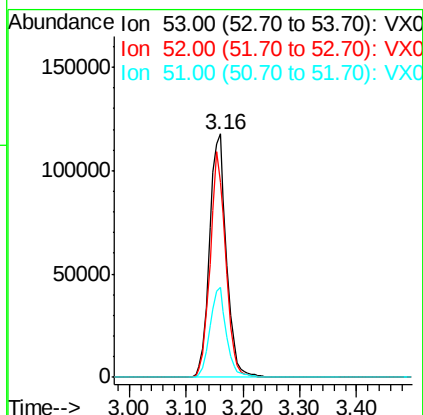
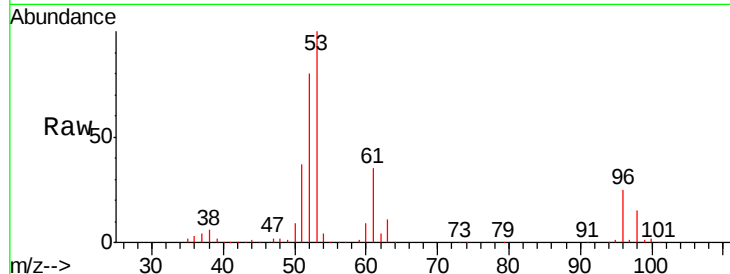




#15
 Acrylonitrile
 Concen: 253.80 ug/l
 RT: 3.16 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

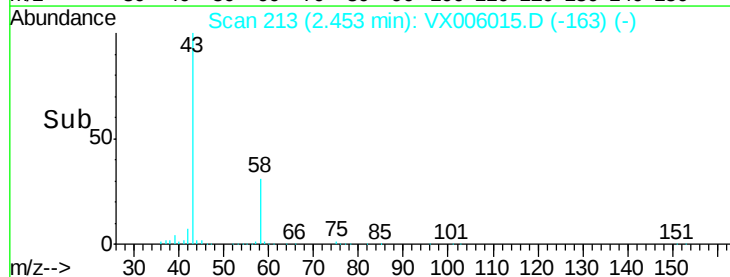
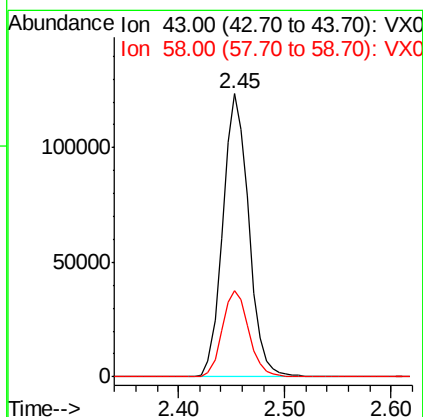
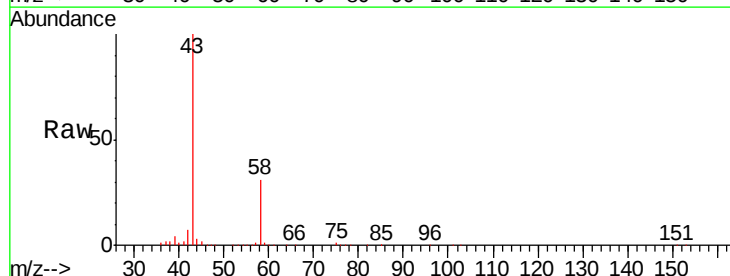
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

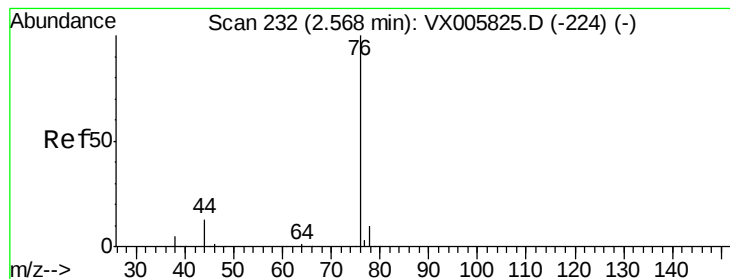
Tgt Ion:	53	Resp:	242715
Ion	Ratio	Lower	Upper
53	100		
52	85.0	66.6	99.8
51	35.9	28.4	42.6



#16
 Acetone
 Concen: 242.20 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Tgt Ion:	43	Resp:	210071
Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.8	35.6





#17

Carbon Disulfide

Concen: 42.48 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

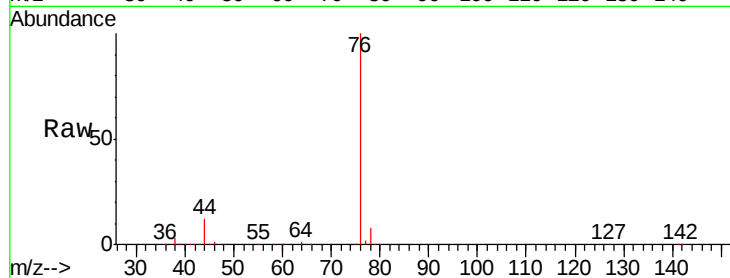
VSTDCCC050EC

Tgt Ion: 76 Resp: 156926

Ion Ratio Lower Upper

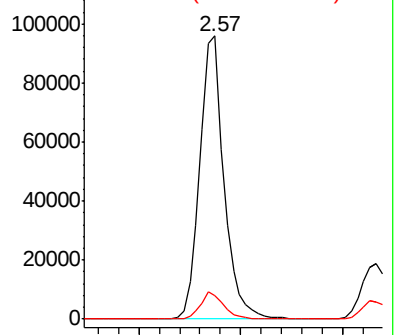
76 100

78 8.4 7.3 10.9

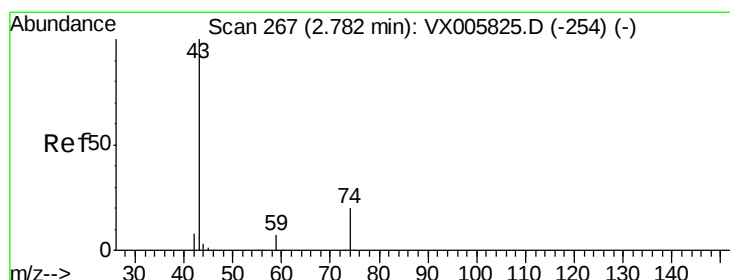
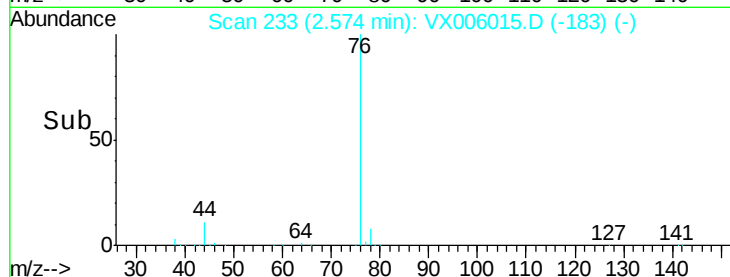


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 56.99 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX006015.D

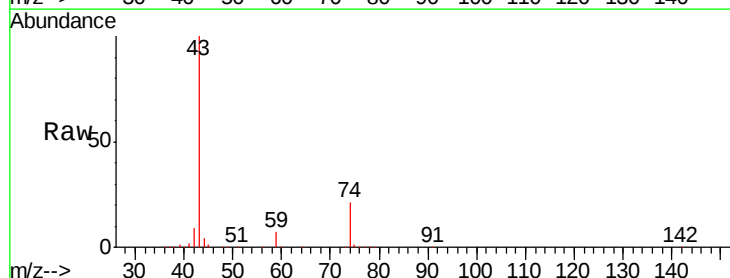
Acq: 15 Nov 2018 10:19

Tgt Ion: 43 Resp: 131995

Ion Ratio Lower Upper

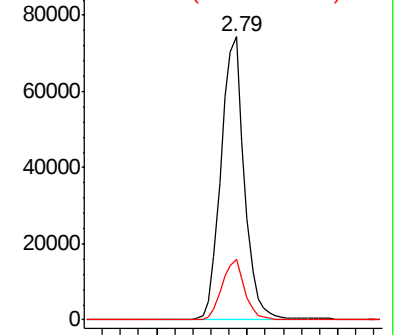
43 100

74 20.6 16.8 25.2

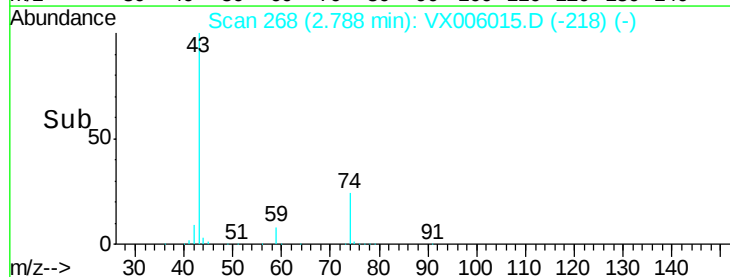


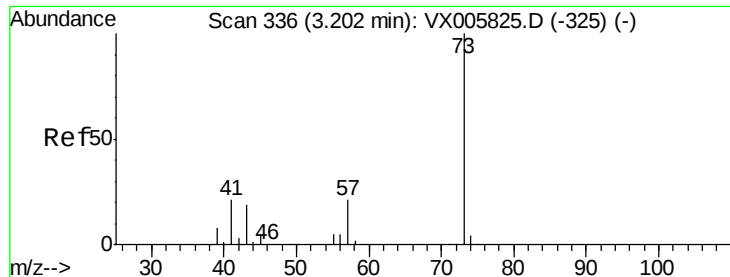
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->

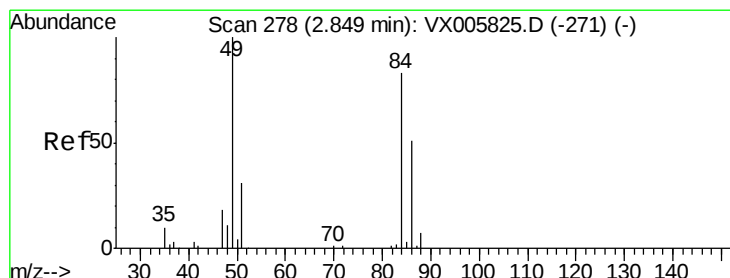
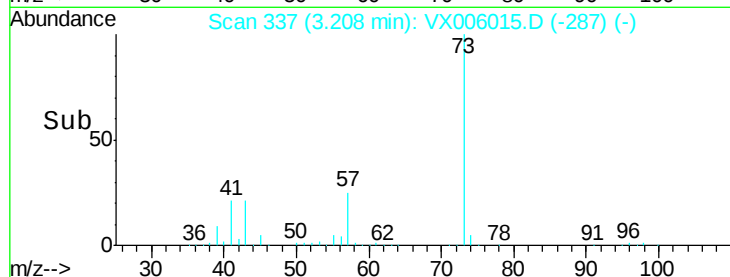
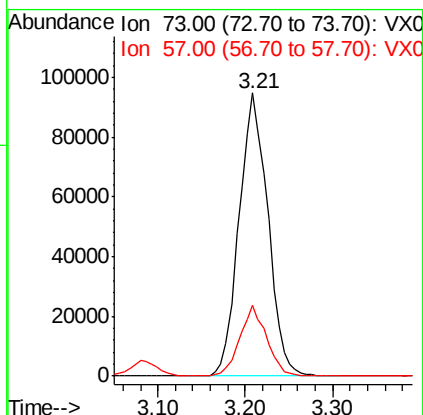
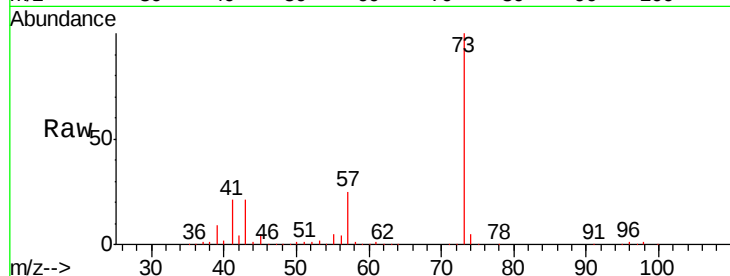




#19
Methyl tert-butyl Ether
Concen: 51.41 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

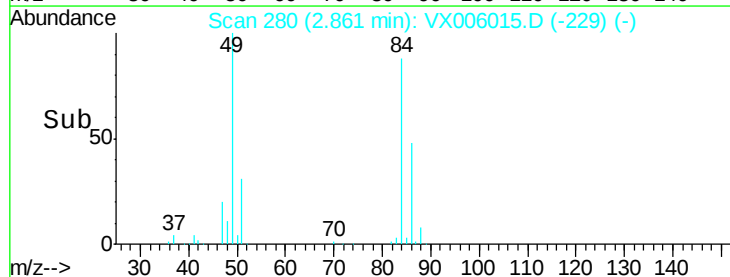
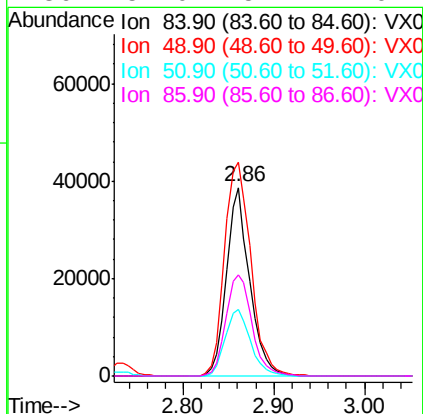
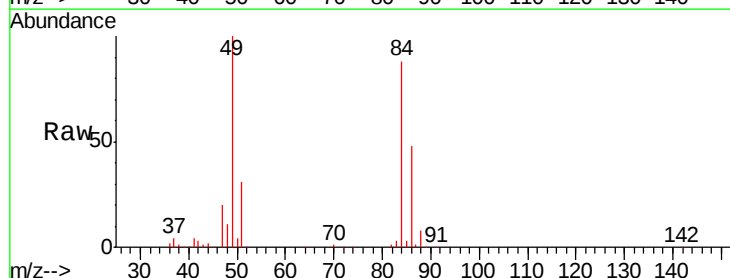
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

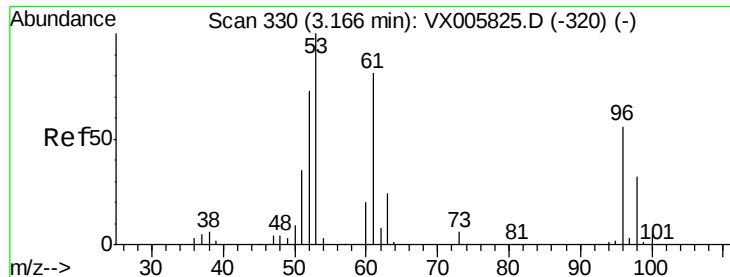
Tgt Ion: 73 Resp: 217326
Ion Ratio Lower Upper
73 100
57 24.9 18.8 28.2



#20
Methylene Chloride
Concen: 48.03 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion: 84 Resp: 68425
Ion Ratio Lower Upper
84 100
49 113.4 109.5 164.3
51 35.0 33.3 49.9
86 54.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 47.35 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

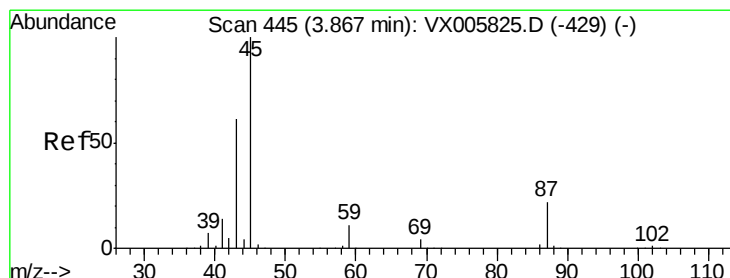
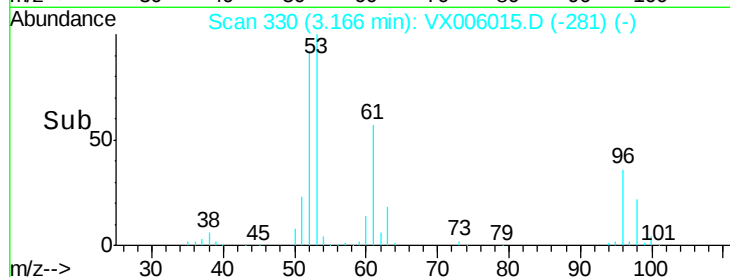
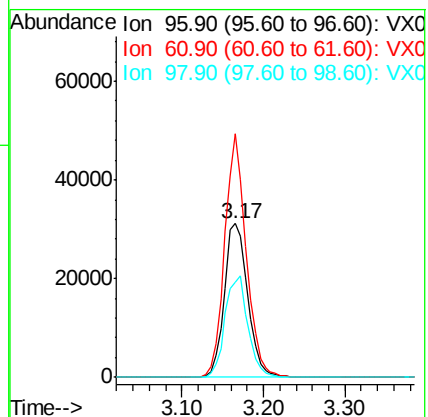
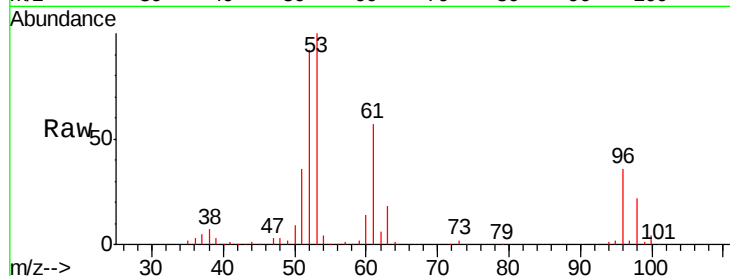
Tgt Ion: 96 Resp: 61855

Ion Ratio Lower Upper

96 100

61 158.0 115.6 173.4

98 62.0 50.2 75.2



#22

Diisopropyl ether

Concen: 50.06 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Tgt Ion: 45 Resp: 242556

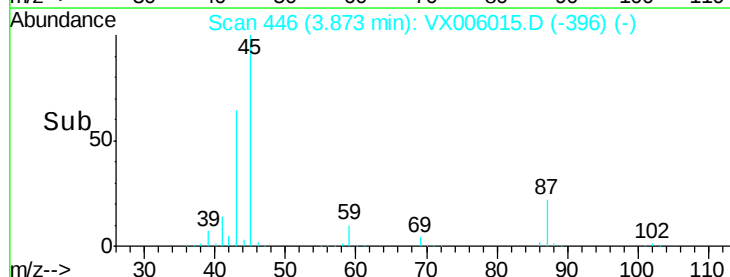
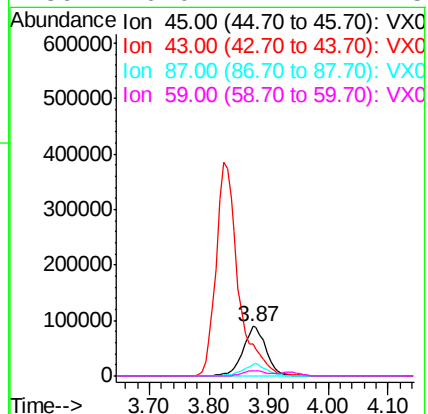
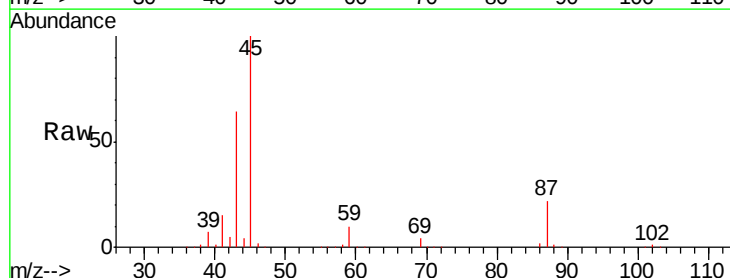
Ion Ratio Lower Upper

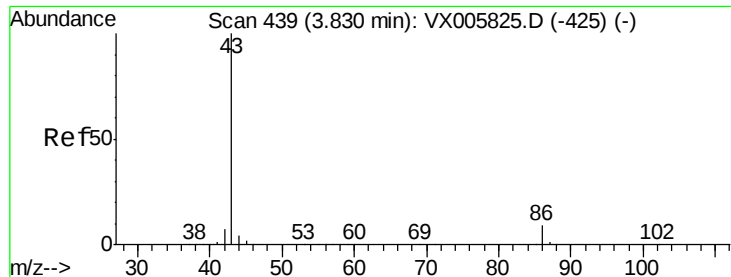
45 100

43 63.3 47.4 71.2

87 22.1 15.9 23.9

59 10.0 7.7 11.5

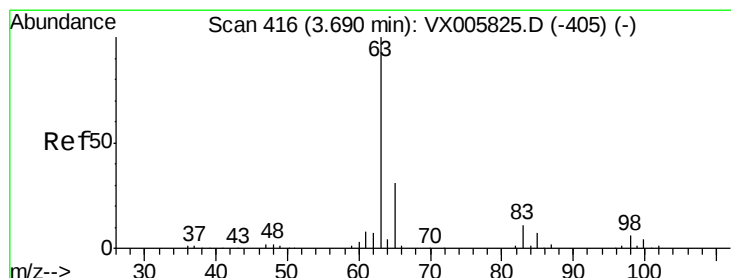
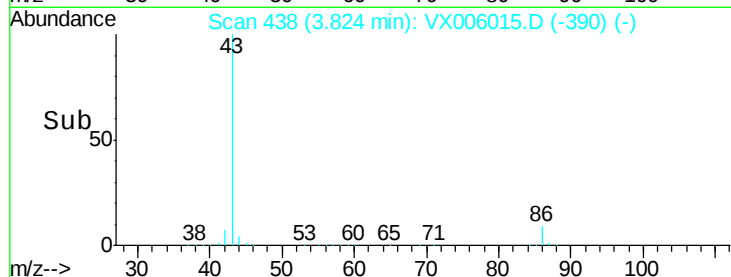
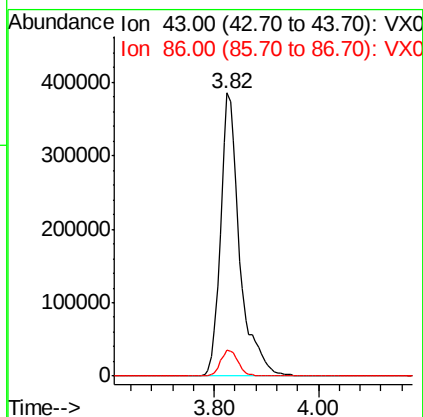
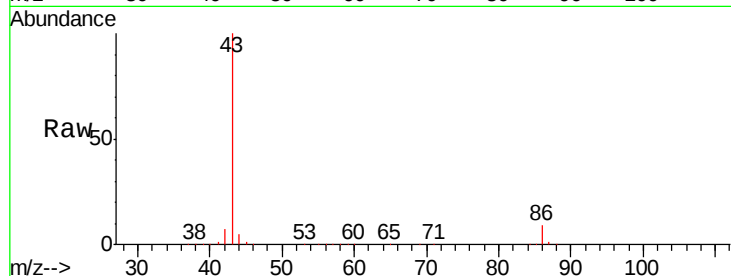




#23
 Vinyl Acetate
 Concen: 239.93 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

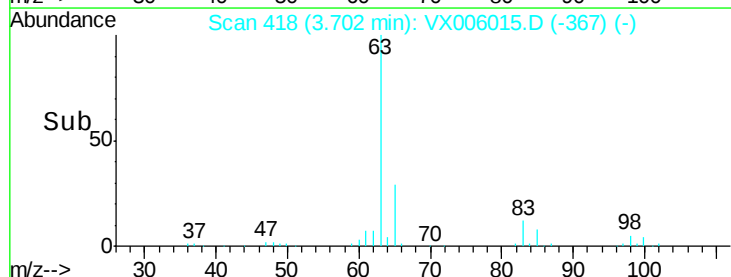
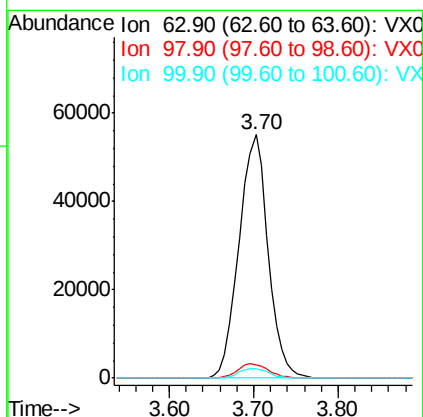
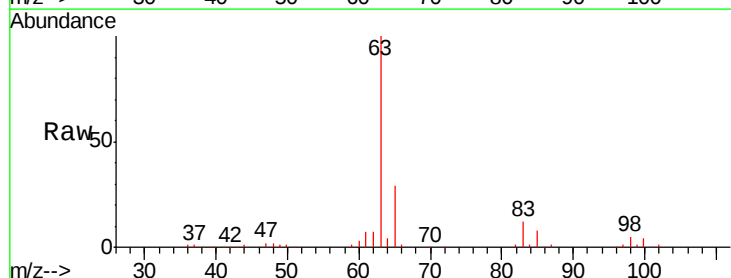
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

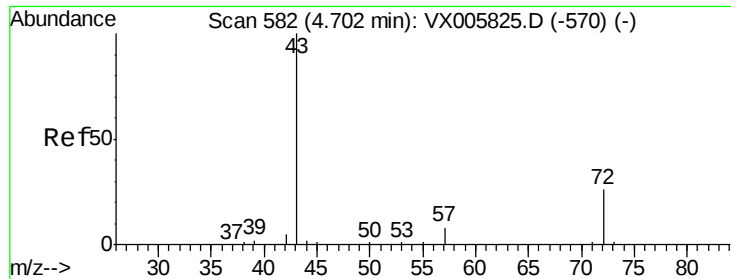
Tgt Ion: 43 Resp: 996870
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 49.58 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Tgt Ion: 63 Resp: 128167
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.2 9.6
 100 3.6 2.1 6.2





#25

2-Butanone

Concen: 250.40 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

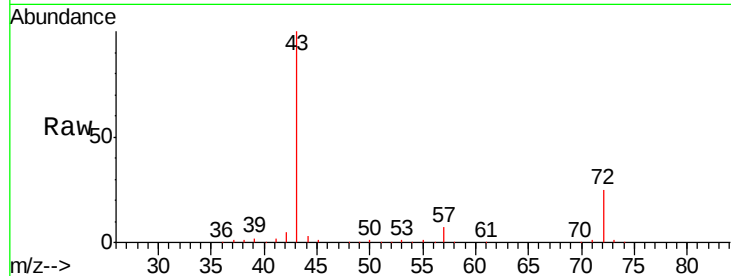
VSTDCCC050EC

Tgt Ion: 43 Resp: 341450

Ion Ratio Lower Upper

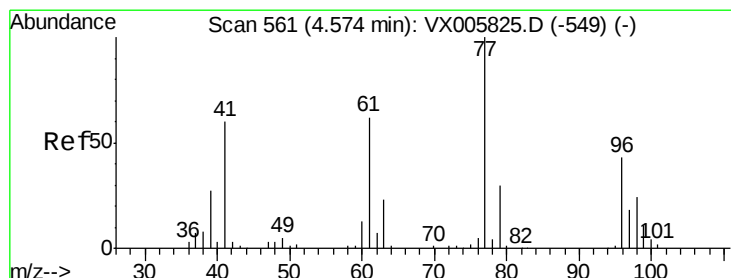
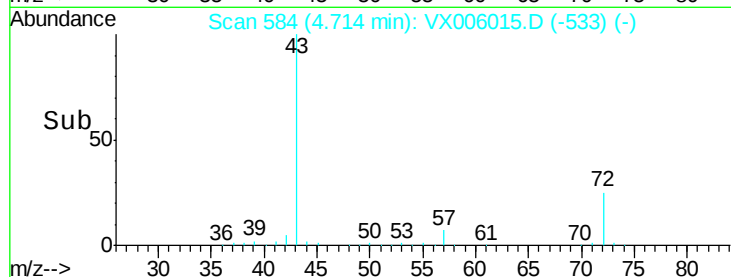
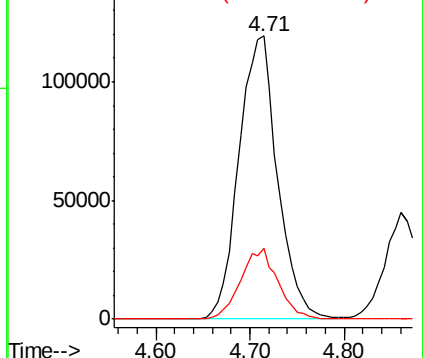
43 100

72 24.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.76 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006015.D

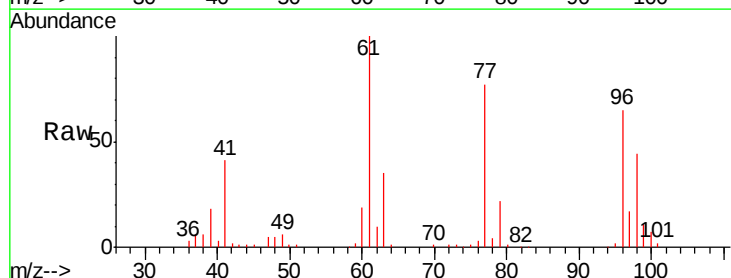
Acq: 15 Nov 2018 10:19

Tgt Ion: 77 Resp: 60237

Ion Ratio Lower Upper

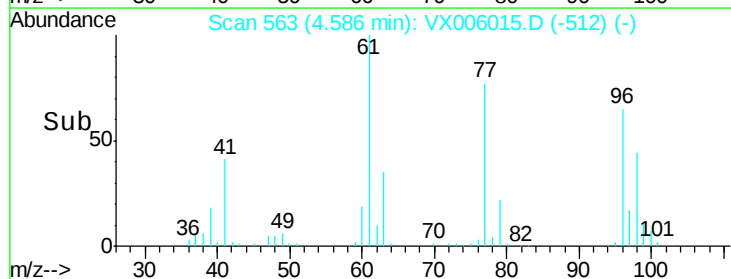
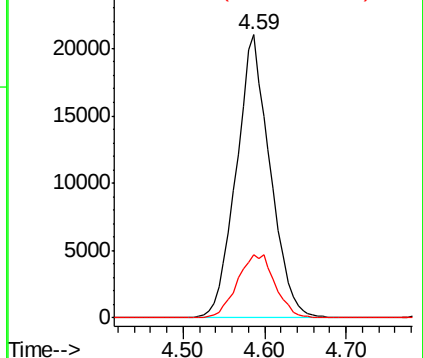
77 100

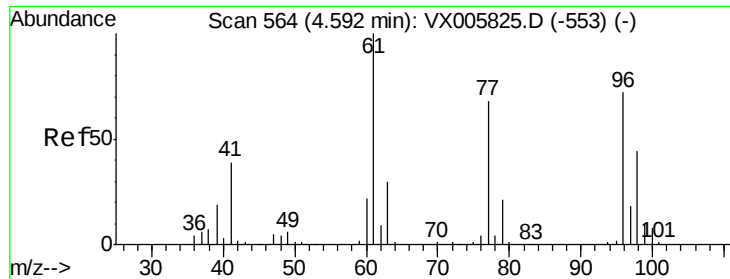
97 25.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 47.84 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

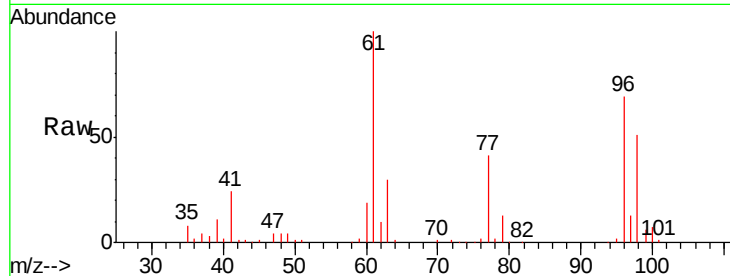
Tgt Ion: 96 Resp: 69005

Ion Ratio Lower Upper

96 100

61 147.8 0.0 304.6

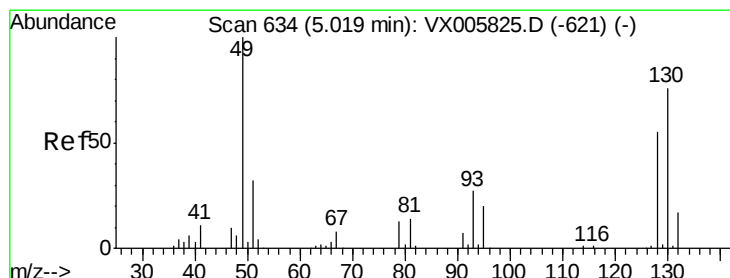
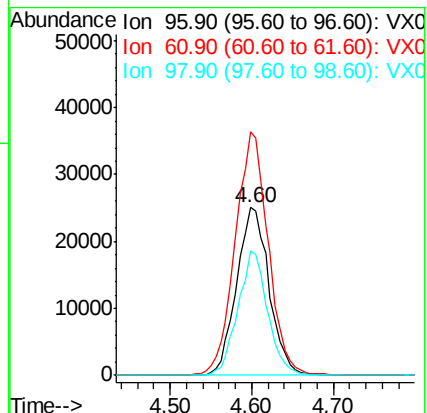
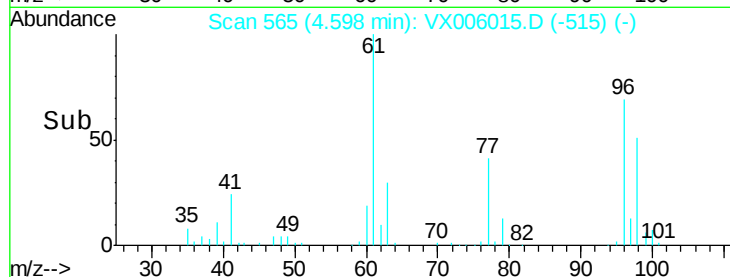
98 67.8 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 52.82 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

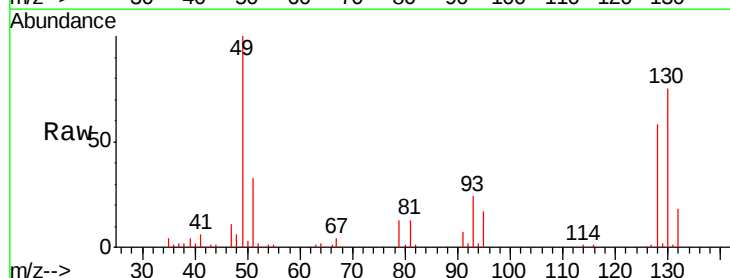
Tgt Ion: 49 Resp: 61033

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

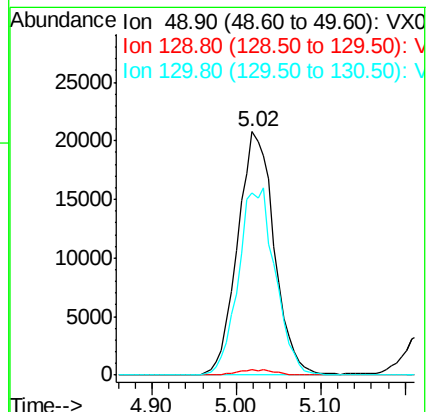
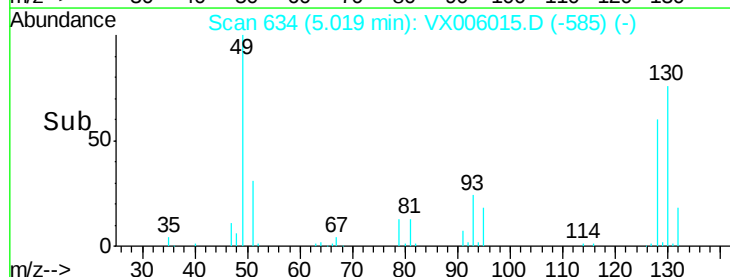
130 77.3 58.9 88.3

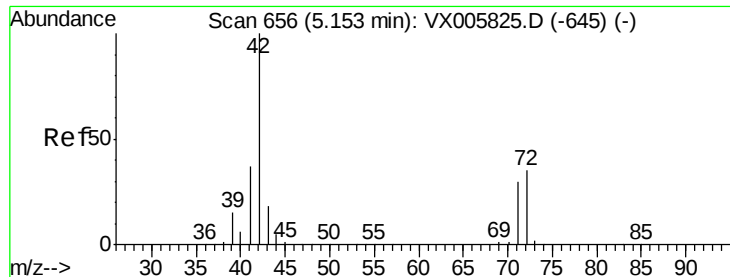


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

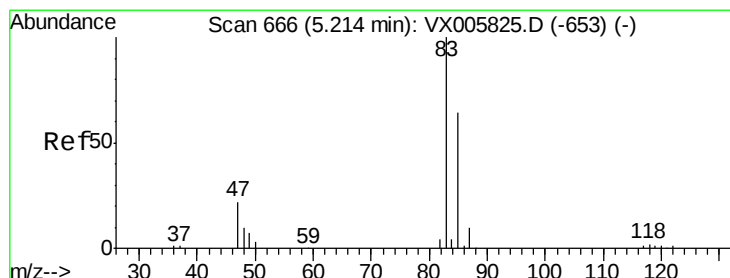
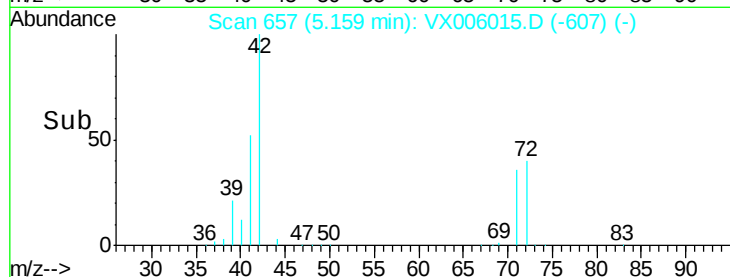
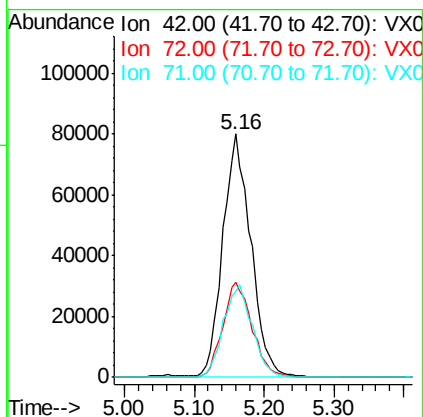
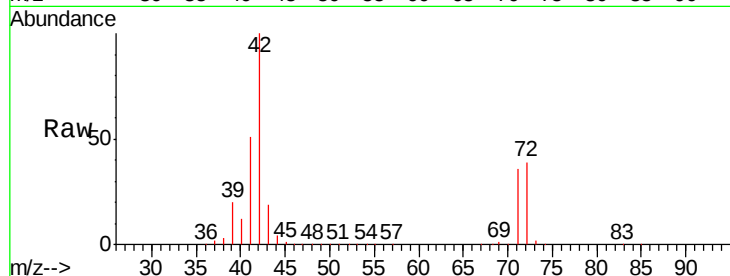




#29
Tetrahydrofuran
Concen: 254.41 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

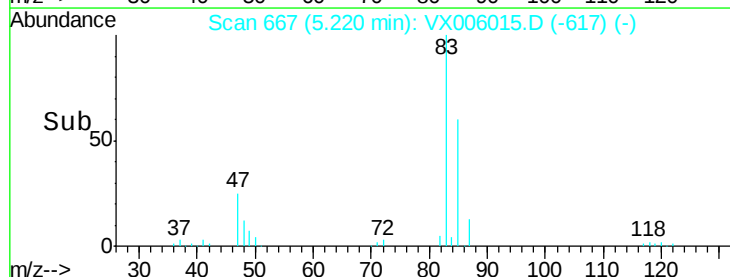
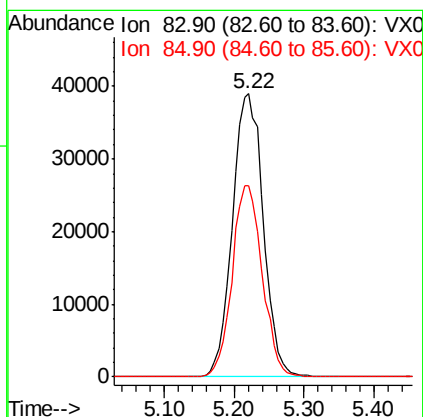
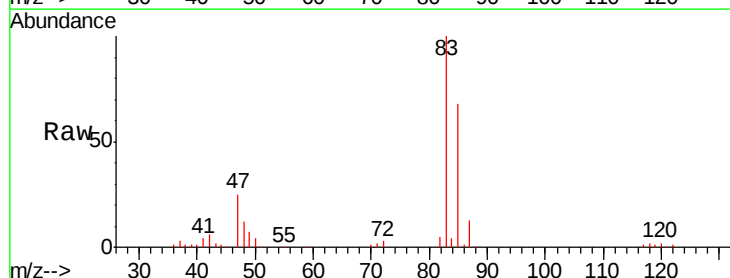
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

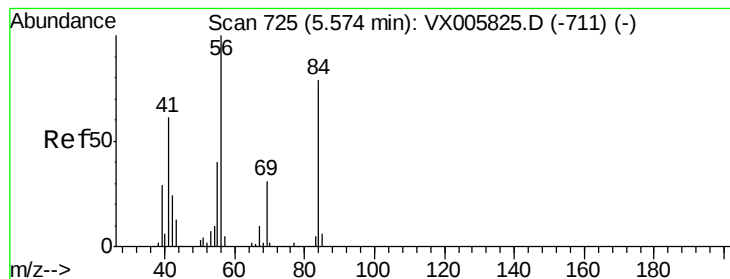
Tgt Ion: 42 Resp: 222747
Ion Ratio Lower Upper
42 100
72 41.0 32.0 48.0
71 39.3 29.8 44.8



#30
Chloroform
Concen: 47.86 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion: 83 Resp: 119381
Ion Ratio Lower Upper
83 100
85 67.5 50.6 76.0





#31

Cyclohexane

Concen: 44.60 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

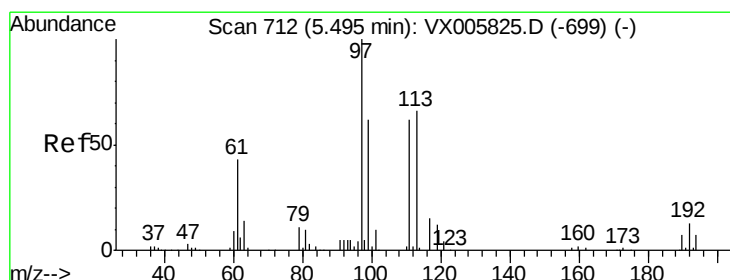
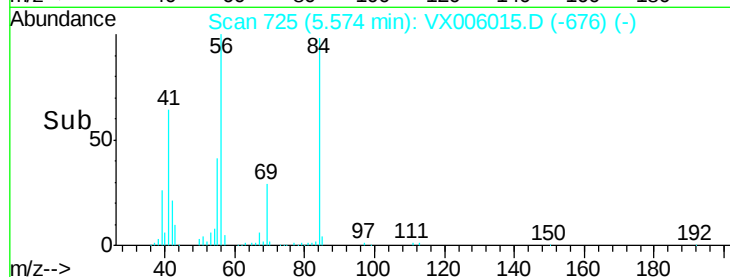
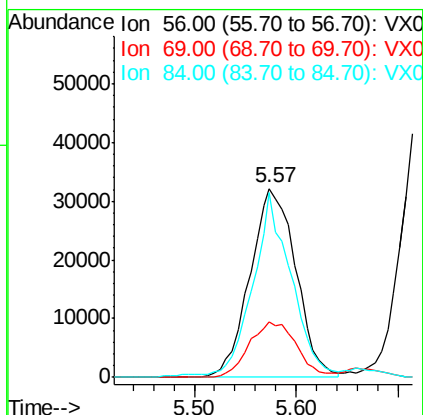
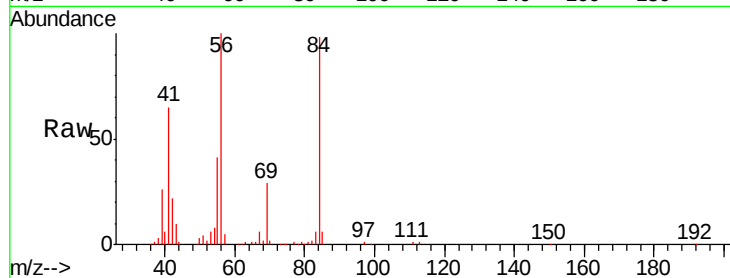
Tgt Ion: 56 Resp: 100095

Ion Ratio Lower Upper

56 100

69 29.0 22.6 34.0

84 96.5 62.7 94.1#



#32

1,1,1-Trichloroethane

Concen: 46.92 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

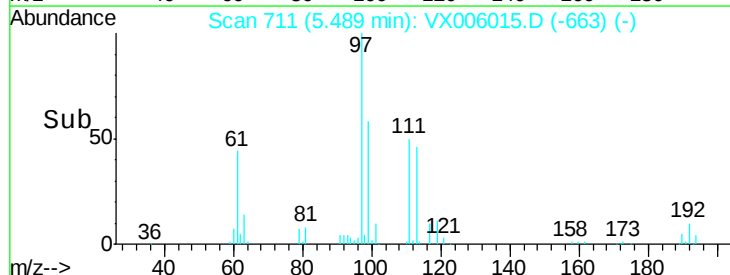
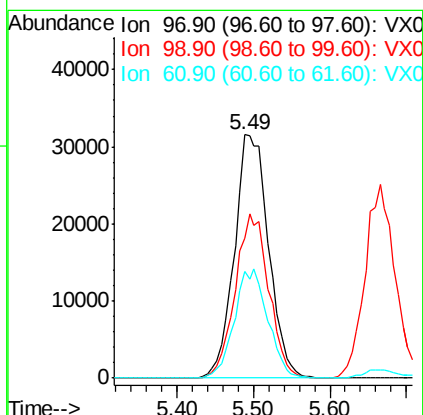
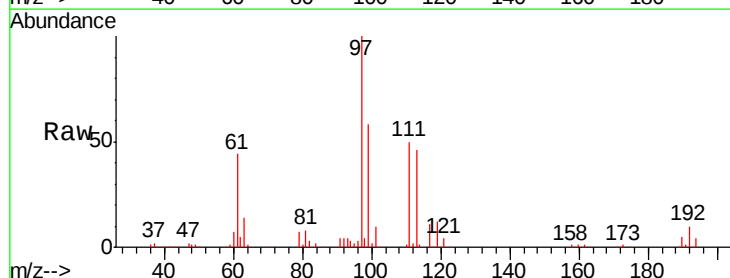
Tgt Ion: 97 Resp: 97607

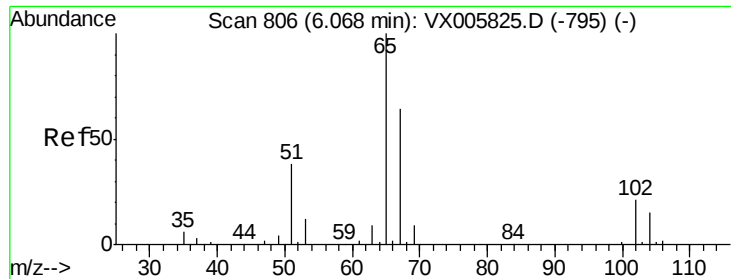
Ion Ratio Lower Upper

97 100

99 66.1 52.3 78.5

61 44.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.78 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

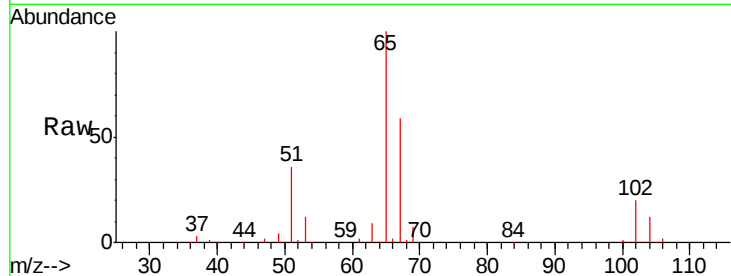
VSTDCCC050EC

Tgt Ion: 65 Resp: 80198

Ion Ratio Lower Upper

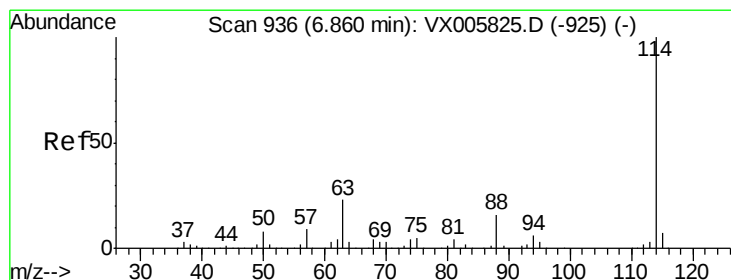
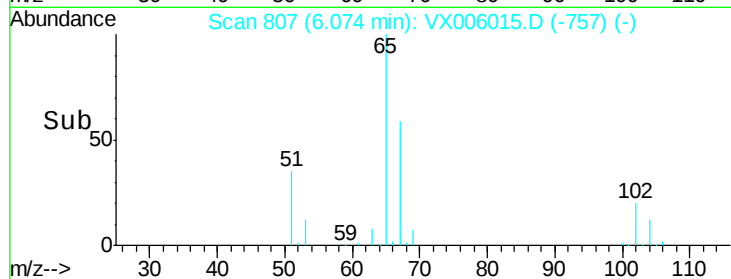
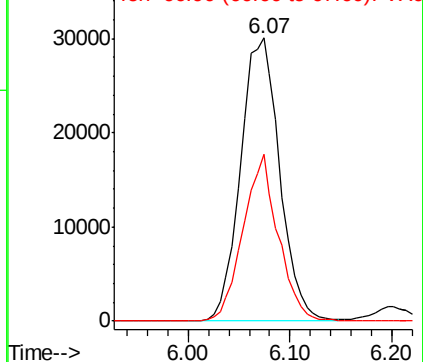
65 100

67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

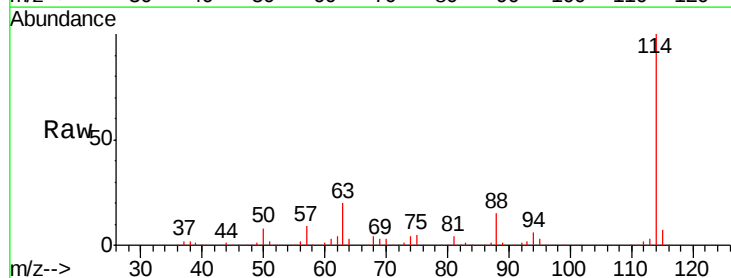
Tgt Ion: 114 Resp: 202453

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

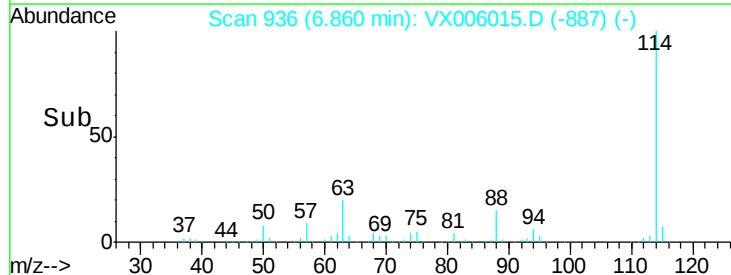
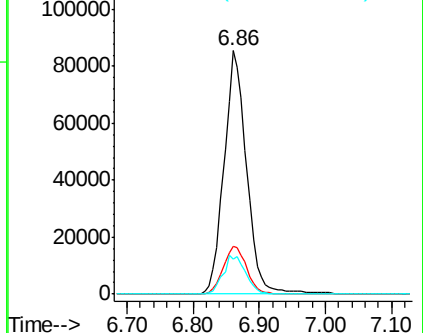
88 14.5 0.0 31.2

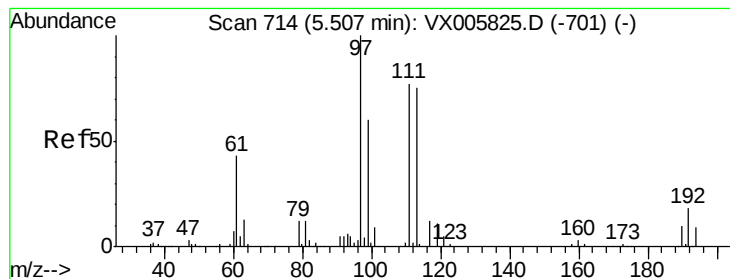


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.22 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

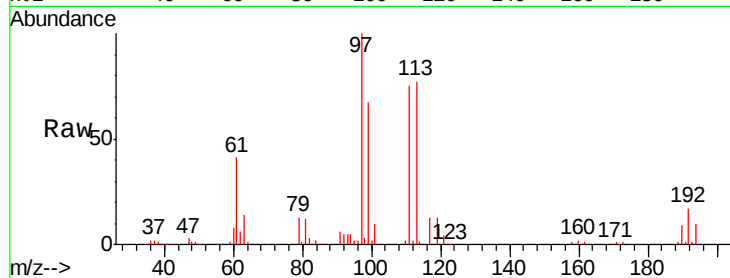
Tgt Ion:113 Resp: 63647

Ion Ratio Lower Upper

113 100

111 107.2 82.3 123.5

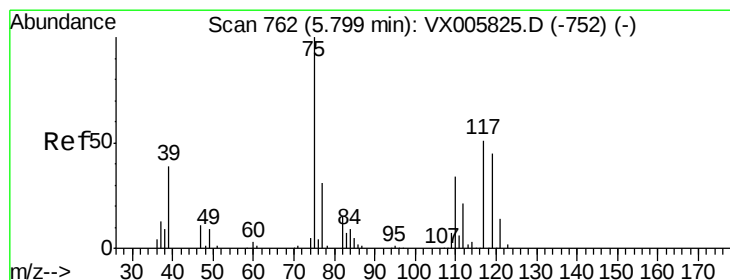
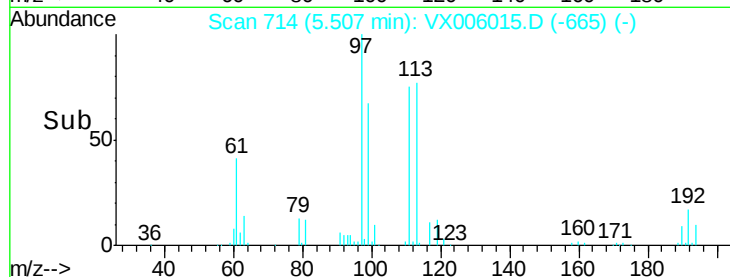
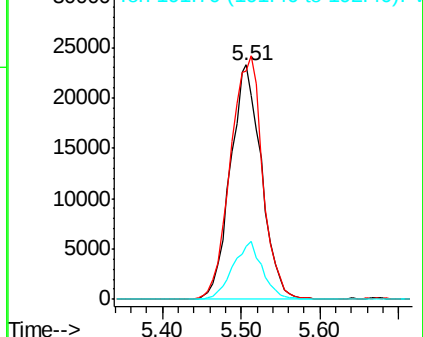
192 23.4 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.76 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

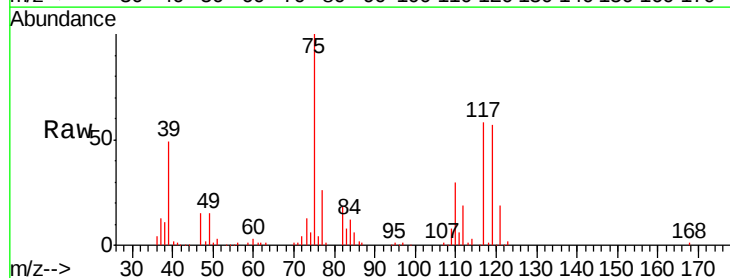
Tgt Ion: 75 Resp: 85406

Ion Ratio Lower Upper

75 100

110 35.5 17.4 52.2

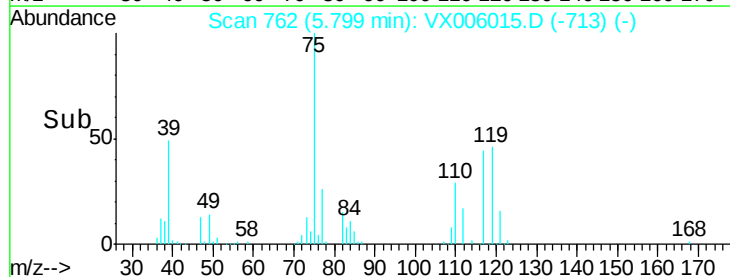
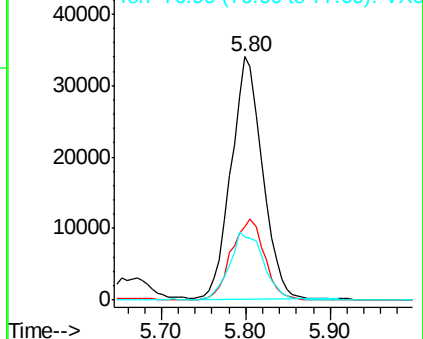
77 30.7 25.8 38.6

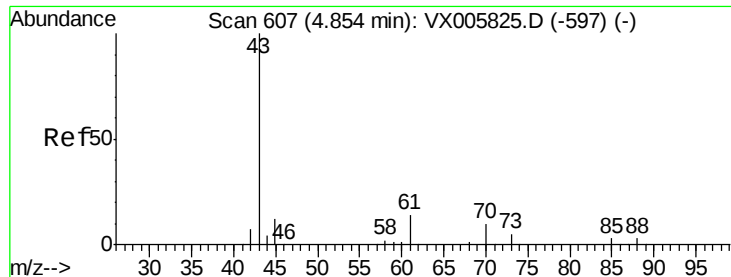


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

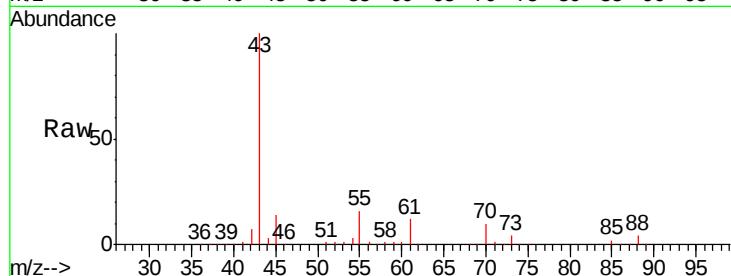




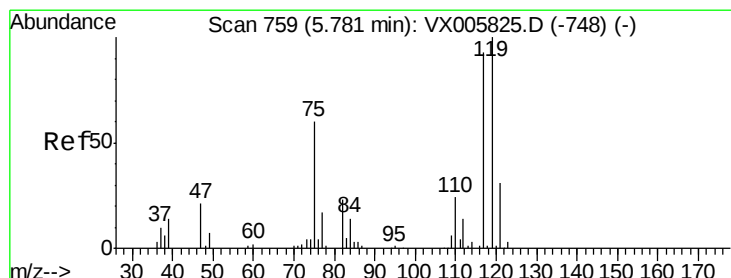
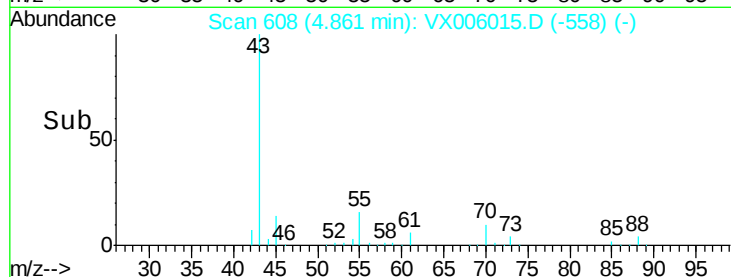
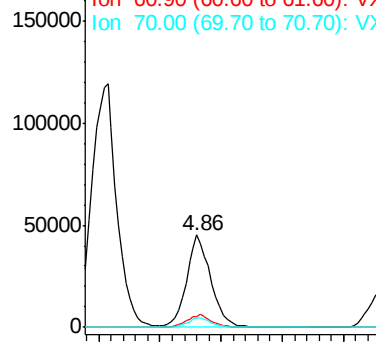
#37
Ethyl Acetate
Concen: 48.26 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 123869
Ion Ratio Lower Upper
43 100
61 14.0 10.8 16.2
70 10.4 7.8 11.8

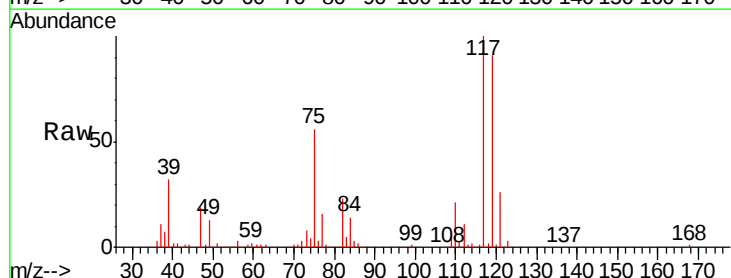


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

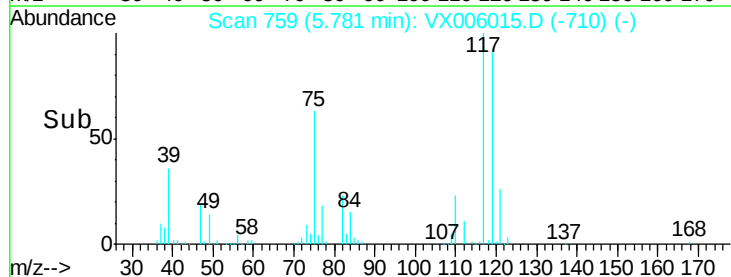
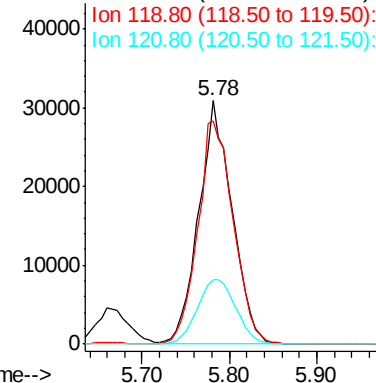


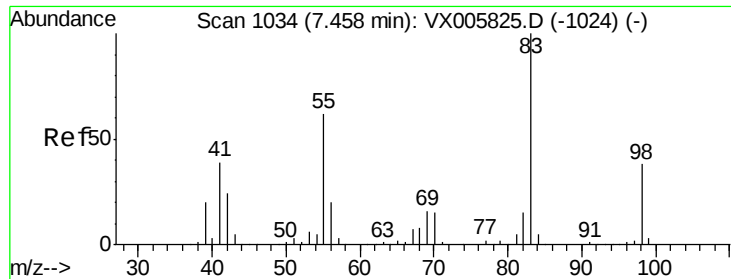
#38
Carbon Tetrachloride
Concen: 41.92 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion: 117 Resp: 81913
Ion Ratio Lower Upper
117 100
119 91.4 78.1 117.1
121 26.3 24.6 36.8



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

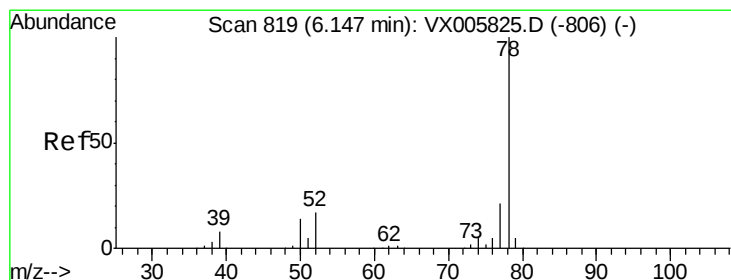
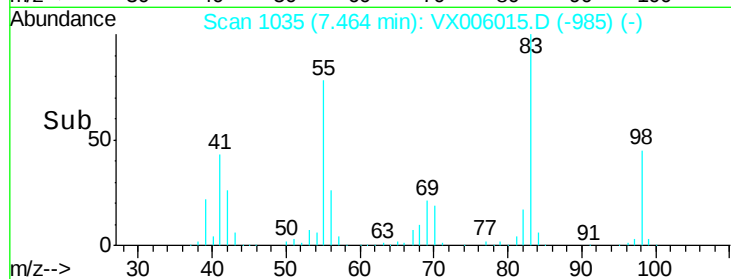
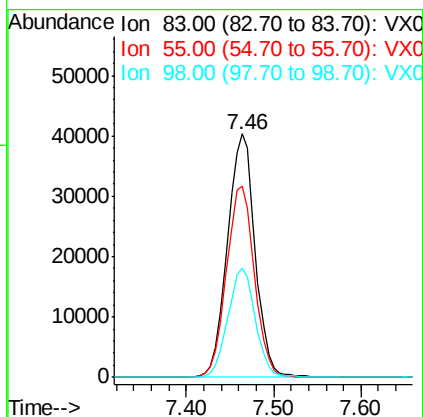
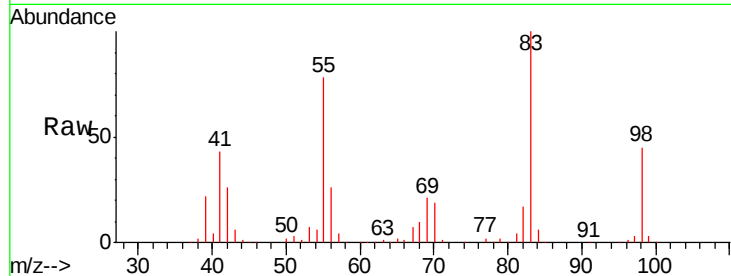




#39
Methylcyclohexane
Concen: 44.76 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

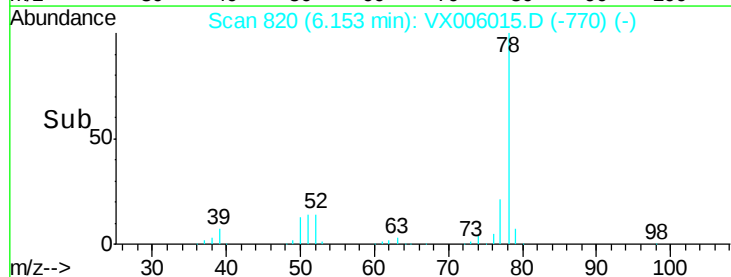
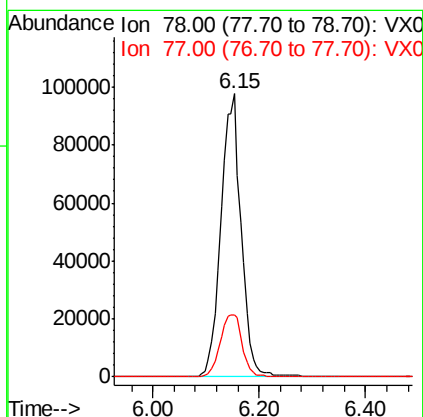
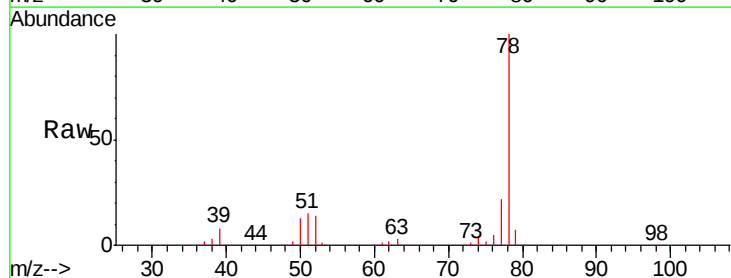
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

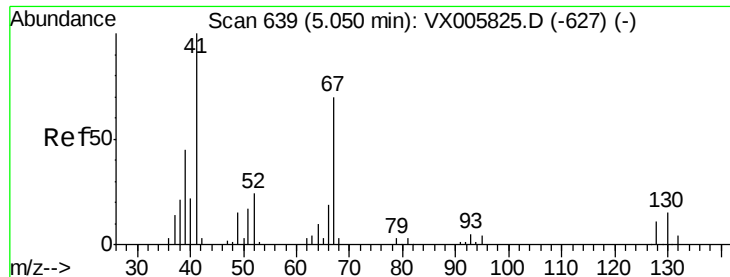
Tgt Ion: 83 Resp: 88537
Ion Ratio Lower Upper
83 100
55 78.5 63.7 95.5
98 45.1 36.2 54.2



#40
Benzene
Concen: 45.74 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion: 78 Resp: 260221
Ion Ratio Lower Upper
78 100
77 22.0 18.4 27.6

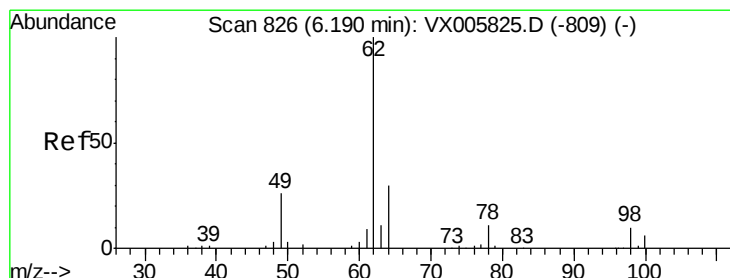
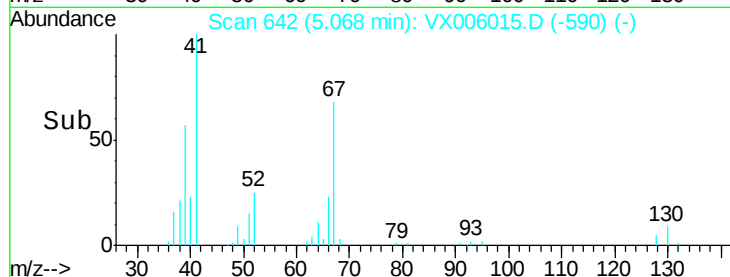
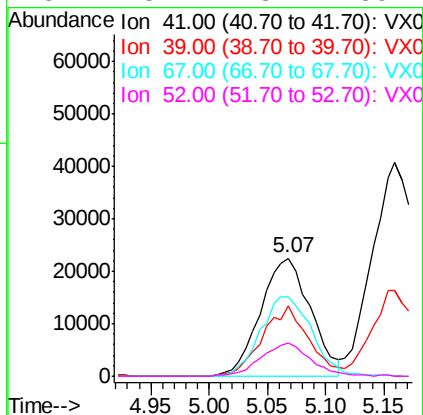
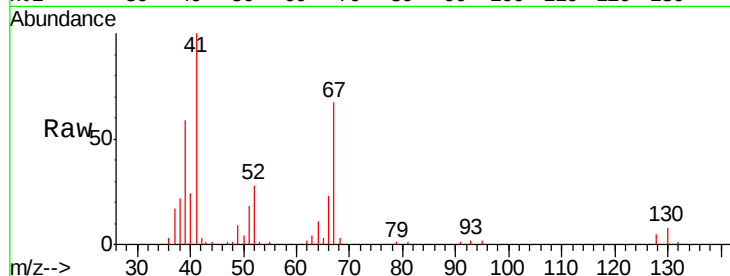




#41
Methacrylonitrile
Concen: 48.31 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.02 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

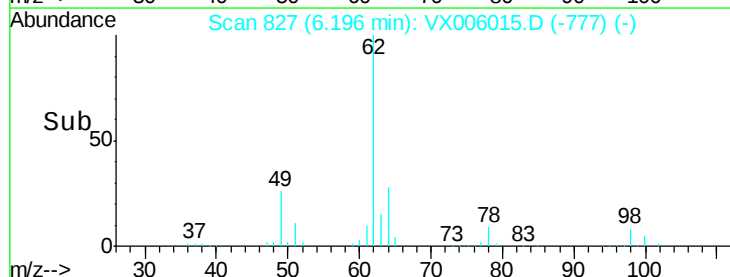
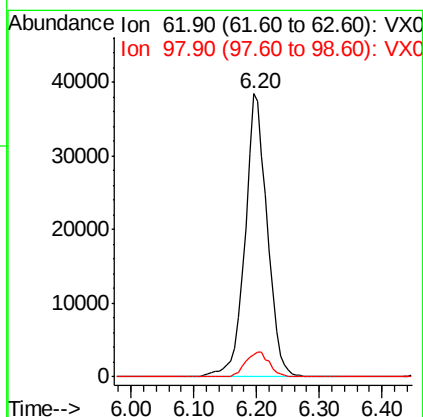
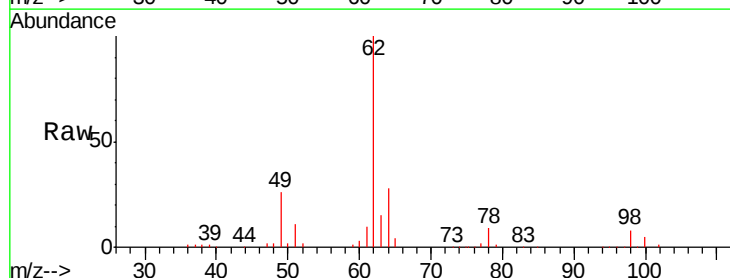
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

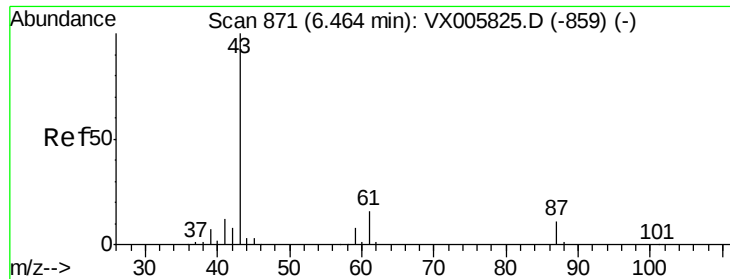
Tgt Ion:	41	Resp:	66994
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.2	63.2
67	69.7	53.4	80.0
52	28.1	23.4	35.2



#42
1,2-Dichloroethane
Concen: 46.02 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion:	62	Resp:	93782
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8

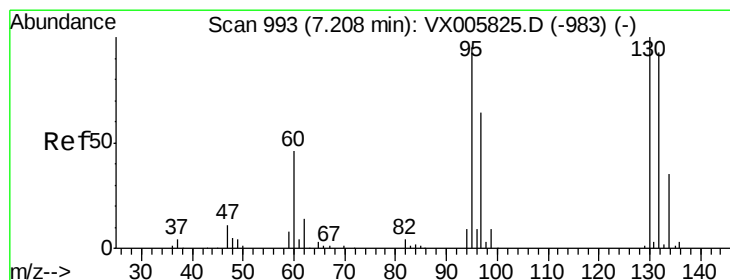
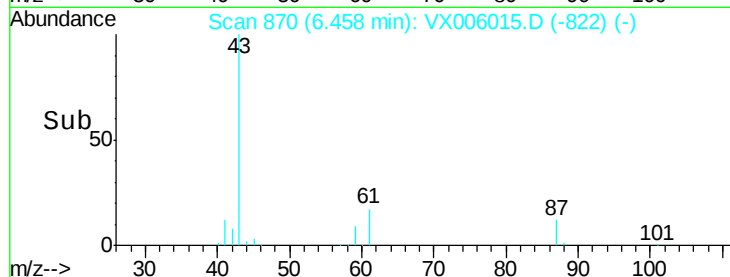
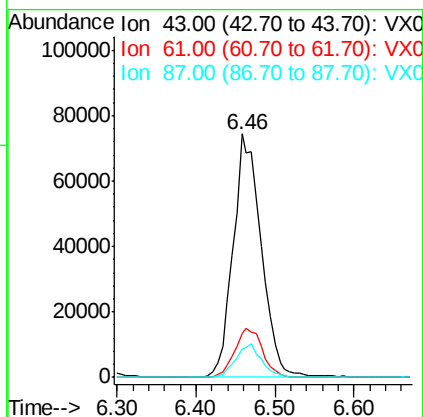
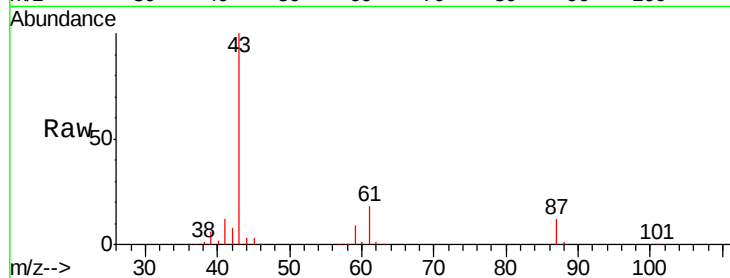




#43
Isopropyl Acetate
Concen: 49.47 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

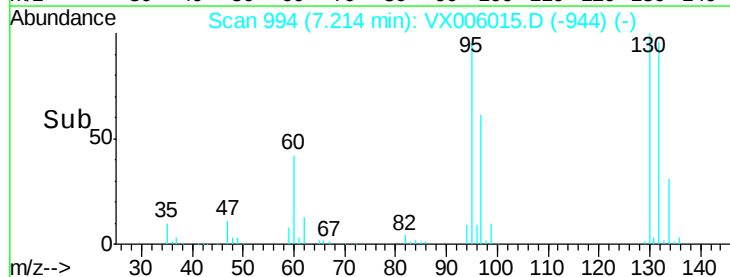
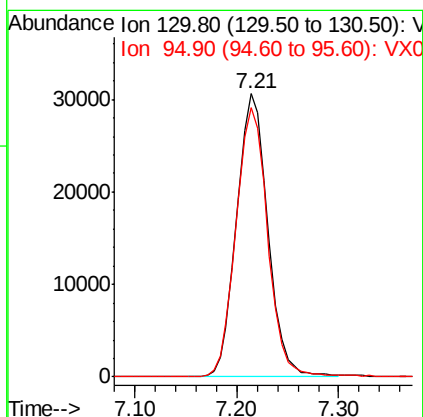
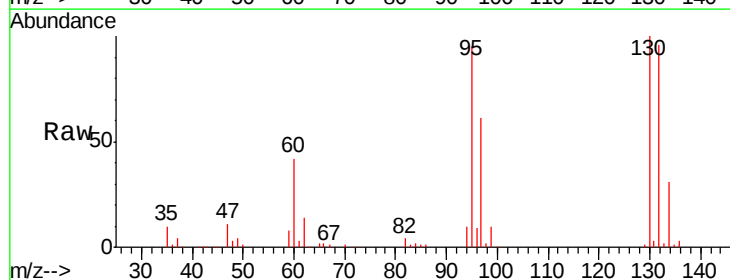
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

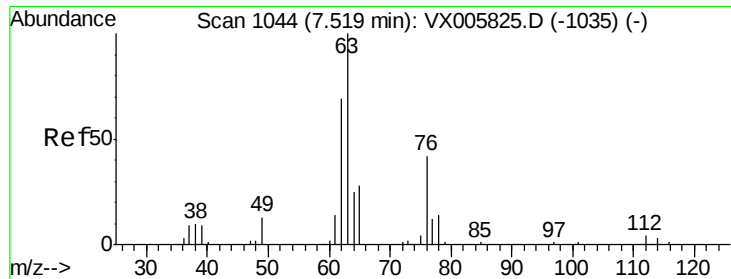
Tgt Ion: 43 Resp: 183981
Ion Ratio Lower Upper
43 100
61 20.1 14.6 22.0
87 12.7 9.6 14.4



#44
Trichloroethene
Concen: 45.16 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion: 130 Resp: 65257
Ion Ratio Lower Upper
130 100
95 95.1 0.0 194.2





#45

1,2-Dichloropropane

Concen: 50.52 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

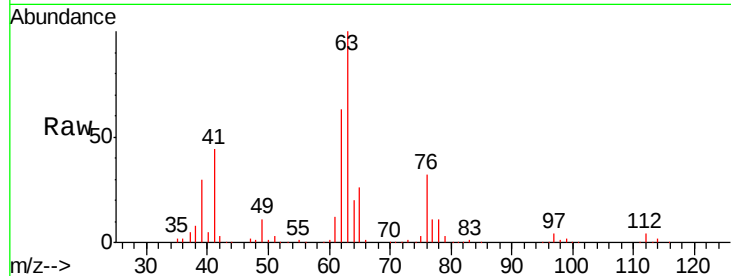
VSTDCCC050EC

Tgt Ion: 63 Resp: 69771

Ion Ratio Lower Upper

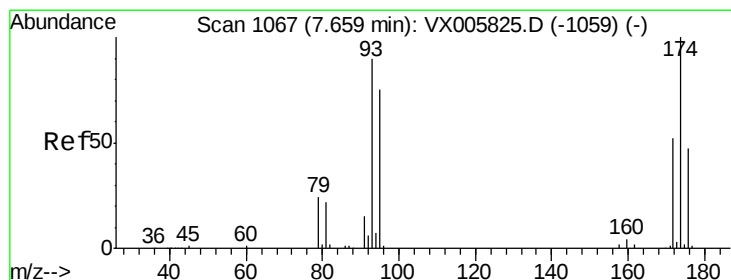
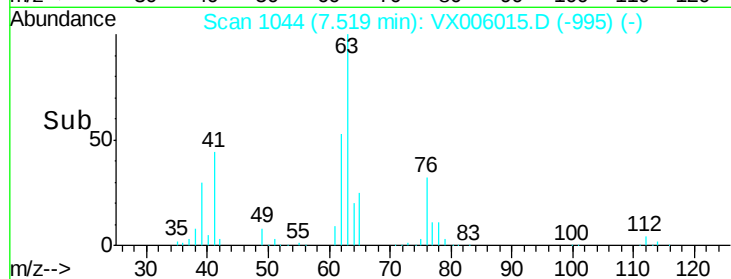
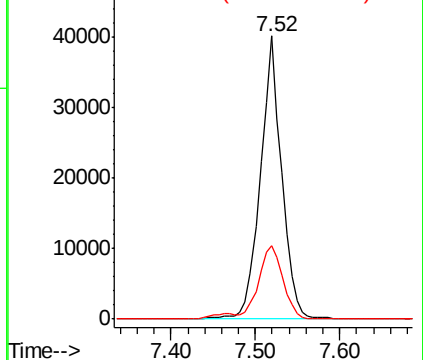
63 100

65 25.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.46 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

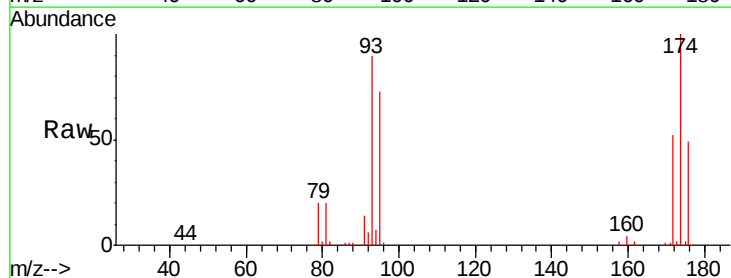
Tgt Ion: 93 Resp: 41997

Ion Ratio Lower Upper

93 100

95 82.8 67.4 101.0

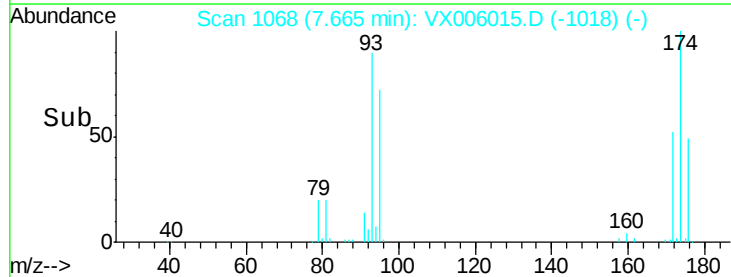
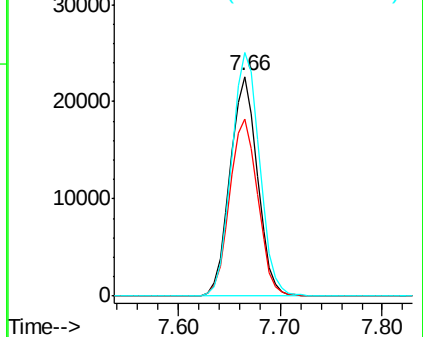
174 113.2 91.5 137.3

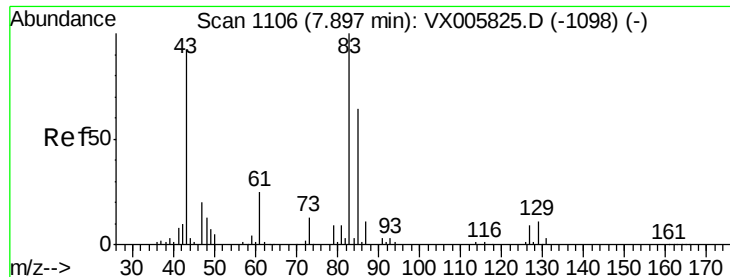


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.61 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

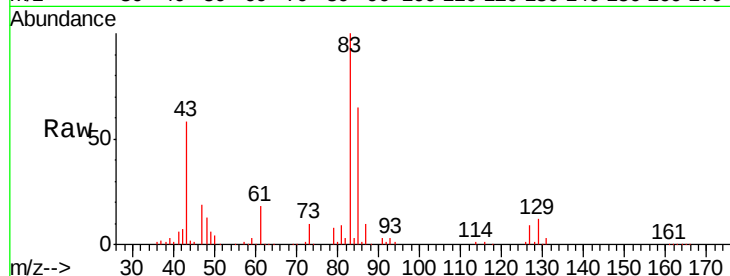
Tgt Ion: 83 Resp: 79614

Ion Ratio Lower Upper

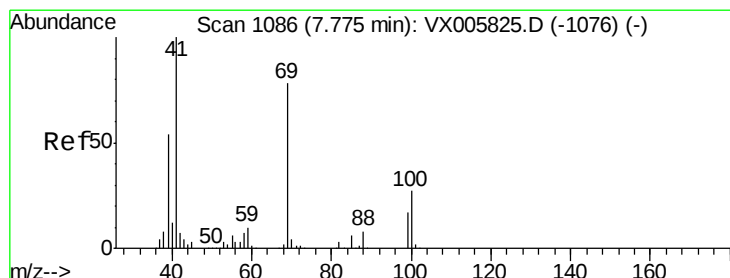
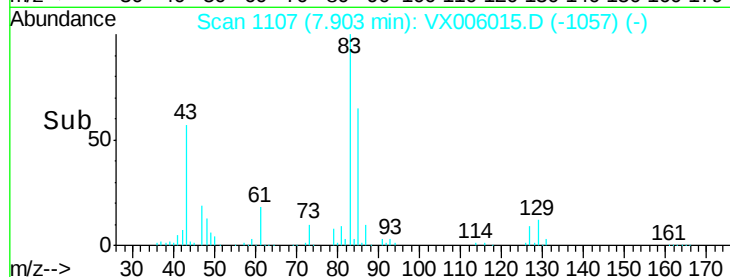
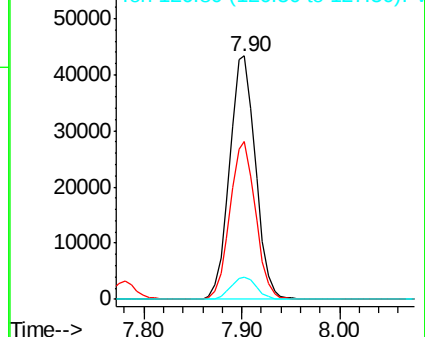
83 100

85 64.9 50.2 75.4

127 8.9 6.9 10.3



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



#48

Methyl methacrylate

Concen: 52.70 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

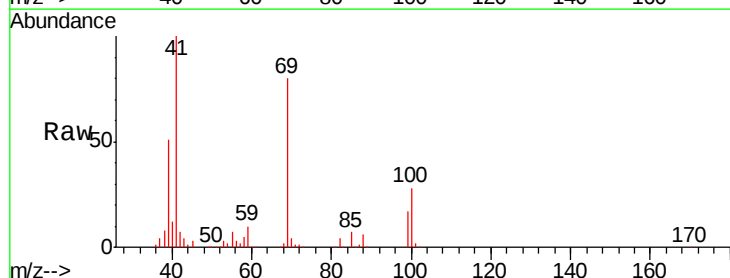
Tgt Ion: 41 Resp: 88004

Ion Ratio Lower Upper

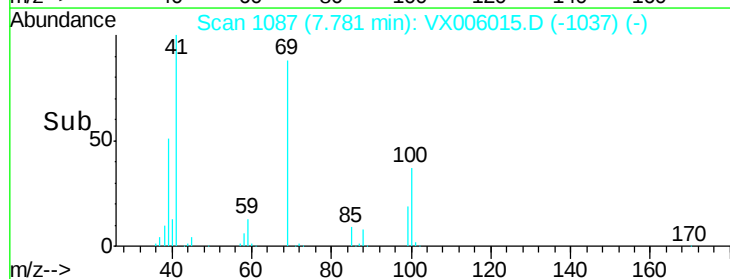
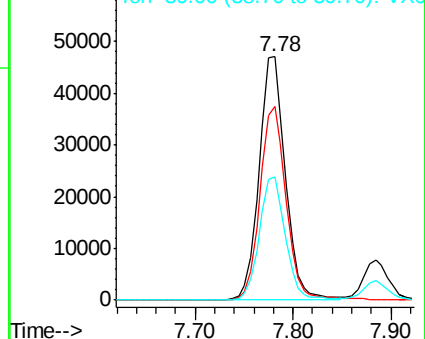
41 100

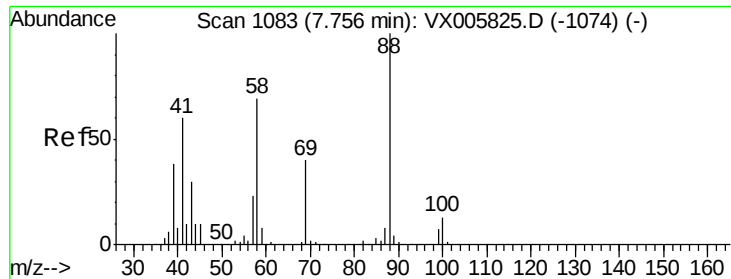
69 79.5 63.2 94.8

39 50.5 42.2 63.2



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

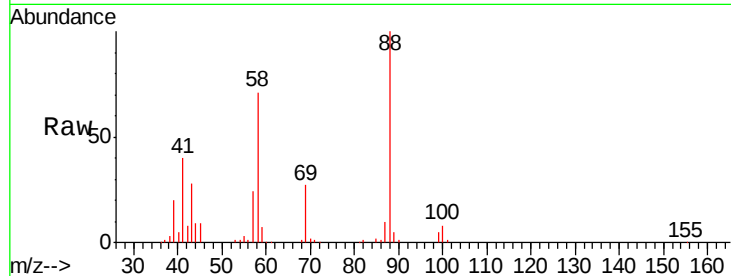




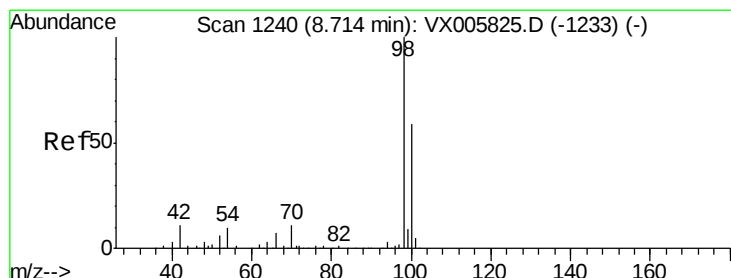
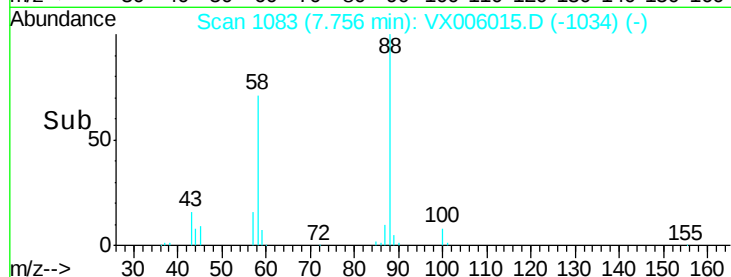
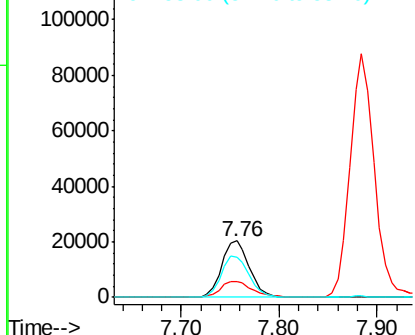
#49
 1,4-Dioxane
 Concen: 1094.73 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 39392
 Ion Ratio Lower Upper
 88 100
 43 33.6 27.4 41.0
 58 74.5 59.4 89.2

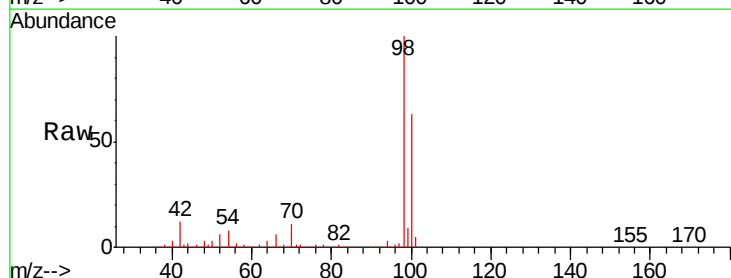


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

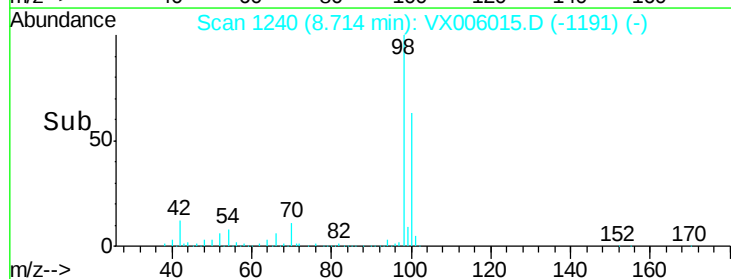
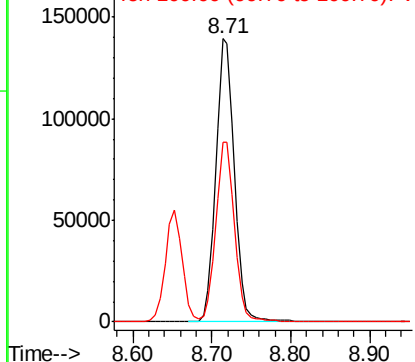


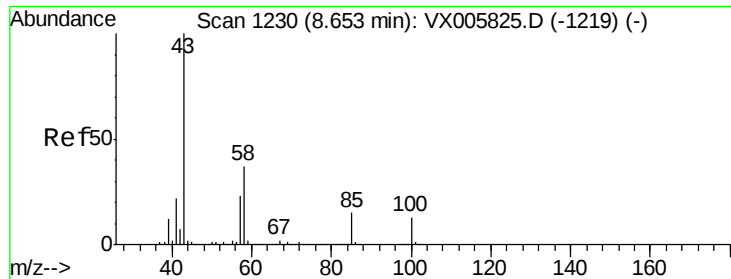
#50
 Toluene-d8
 Concen: 49.75 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Tgt Ion: 98 Resp: 227736
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 255.81 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

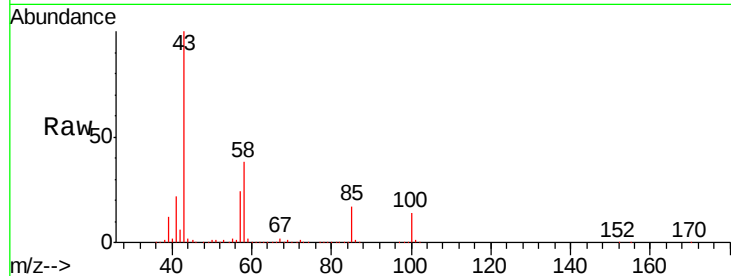
VSTDCCC050EC

Tgt Ion: 43 Resp: 599580

Ion Ratio Lower Upper

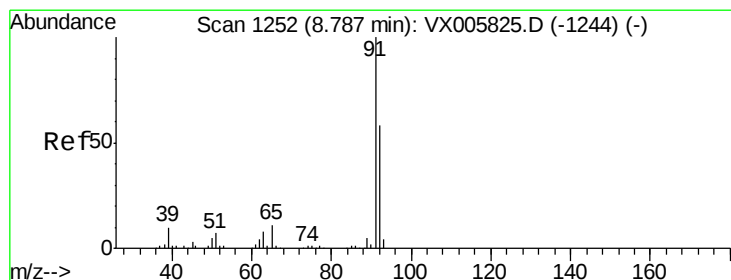
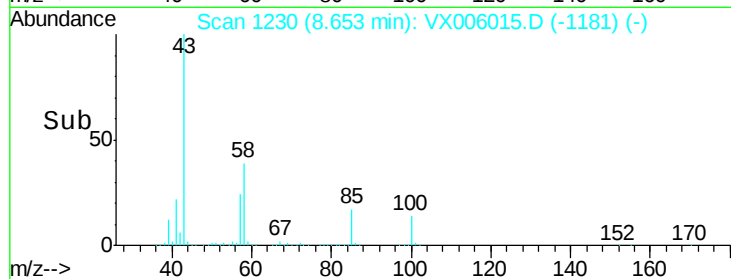
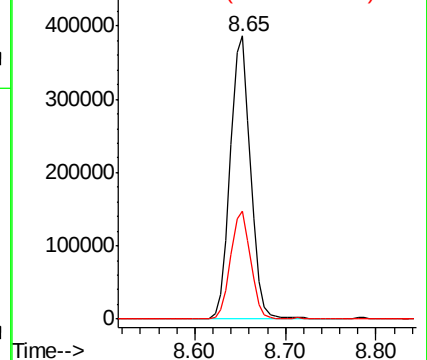
43 100

58 37.8 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.74 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006015.D

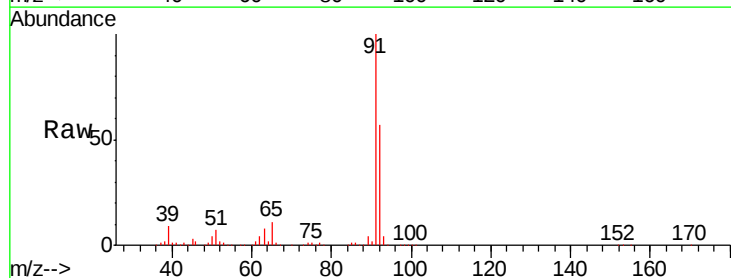
Acq: 15 Nov 2018 10:19

Tgt Ion: 92 Resp: 151812

Ion Ratio Lower Upper

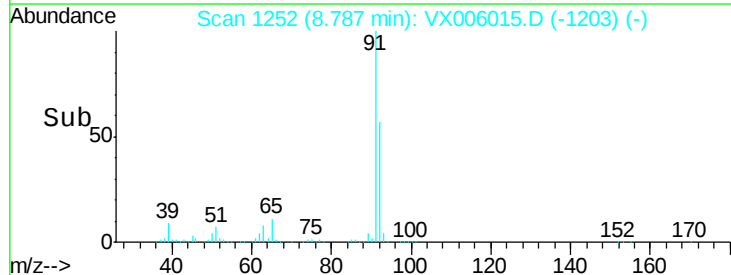
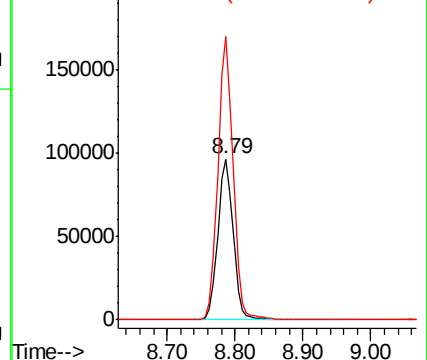
92 100

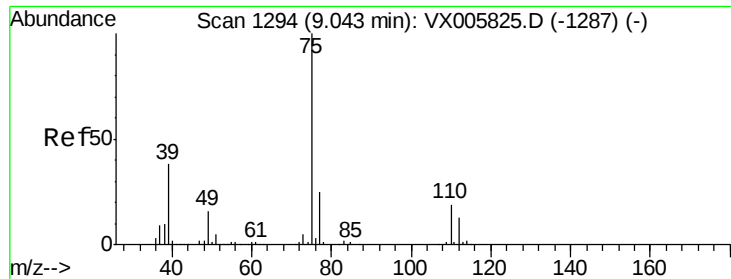
91 174.2 140.4 210.6



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: 44.64 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

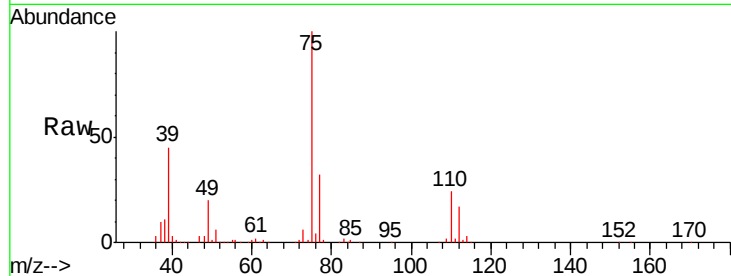
VSTDCCC050EC

Tgt Ion: 75 Resp: 86271

Ion Ratio Lower Upper

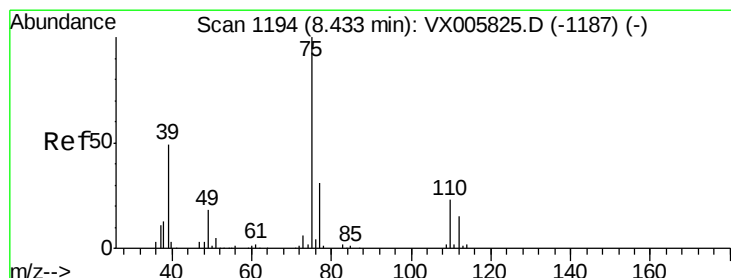
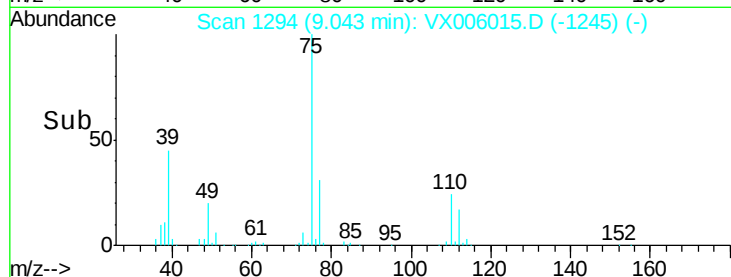
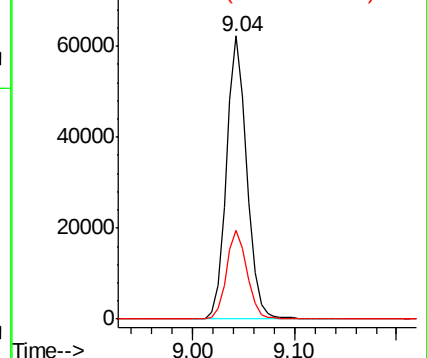
75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.83 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

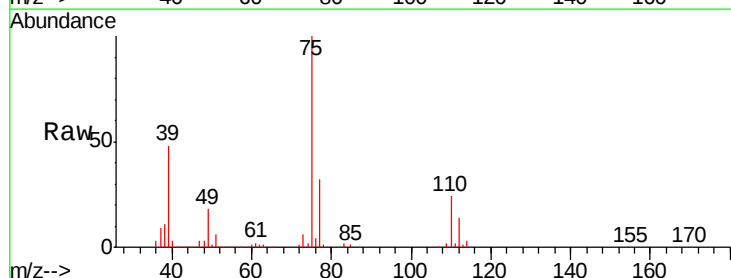
Tgt Ion: 75 Resp: 94219

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

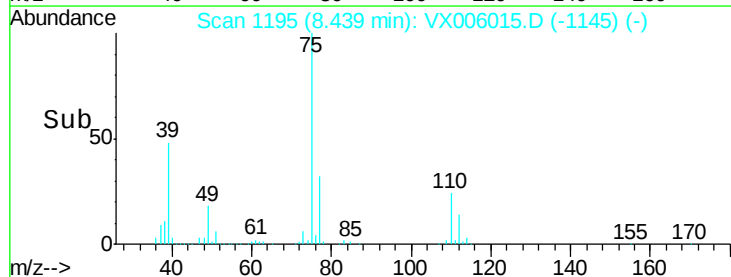
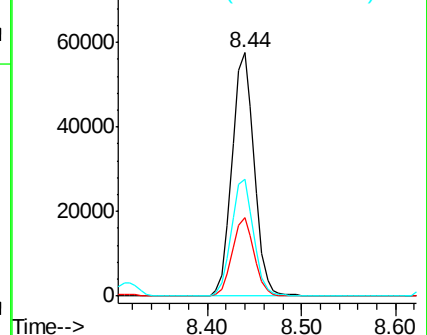
39 47.7 38.2 57.2

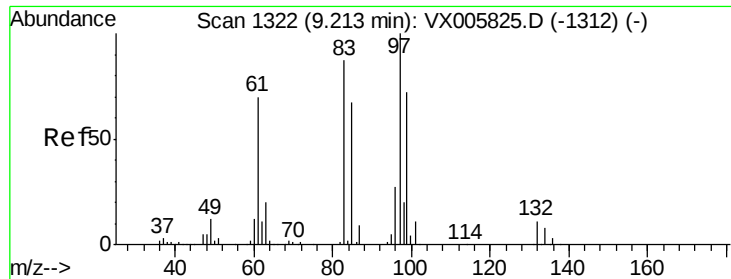


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

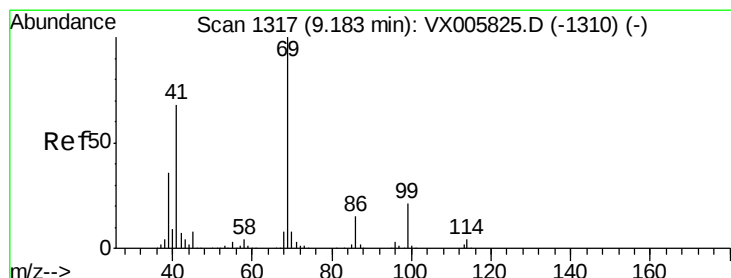
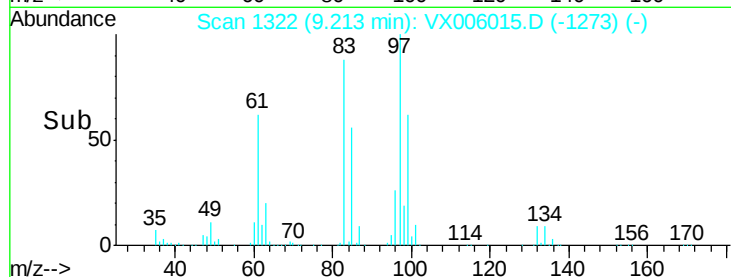
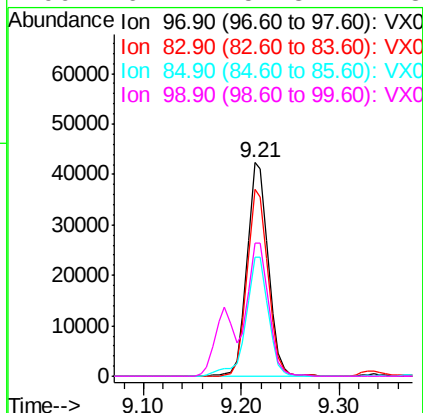
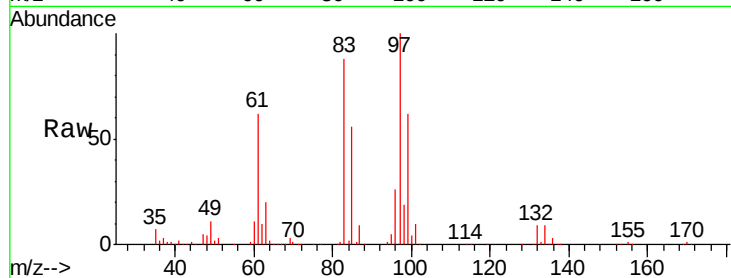




#55
 1,1,2-Trichloroethane
 Concen: 45.10 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

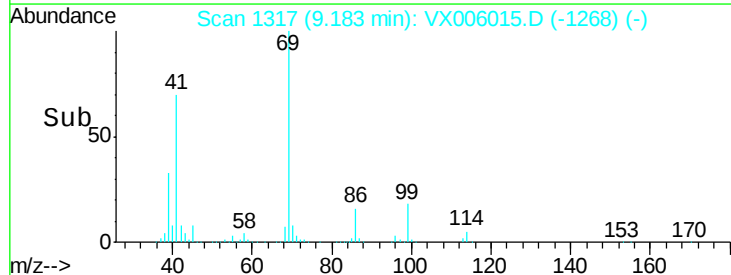
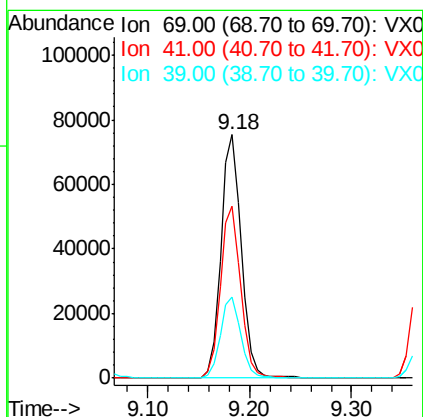
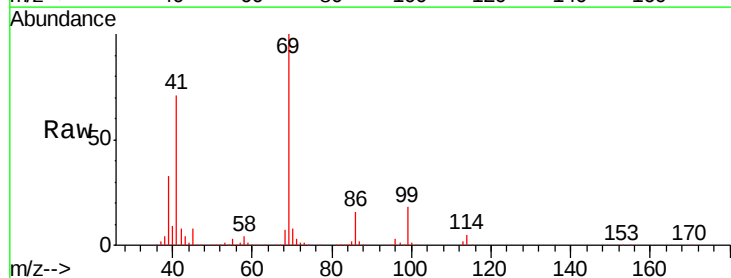
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

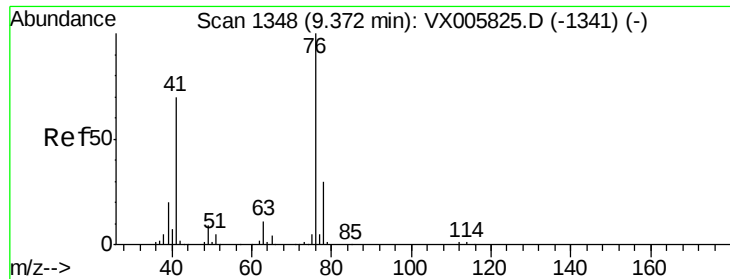
Tgt Ion: 97 Resp: 63915
 Ion Ratio Lower Upper
 97 100
 83 87.6 70.7 106.1
 85 55.6 45.8 68.6
 99 62.1 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 49.54 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Tgt Ion: 69 Resp: 105051
 Ion Ratio Lower Upper
 69 100
 41 70.2 57.0 85.6
 39 33.2 28.3 42.5

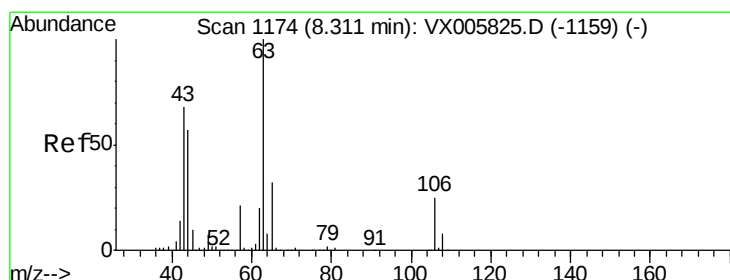
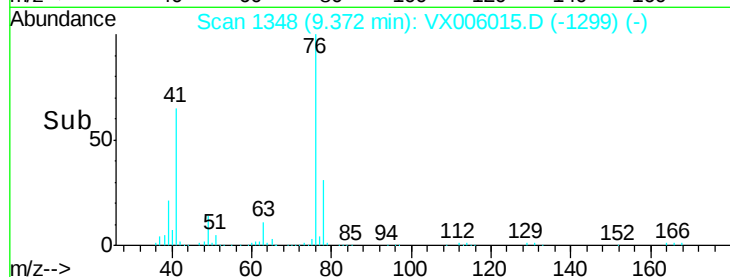
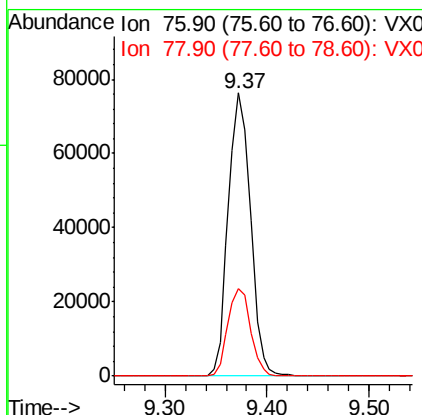
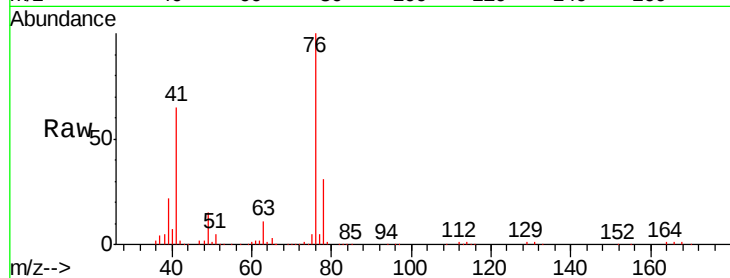




#57
 1,3-Dichloropropane
 Concen: 48.64 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

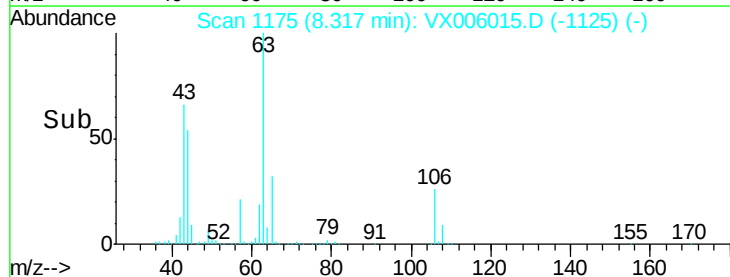
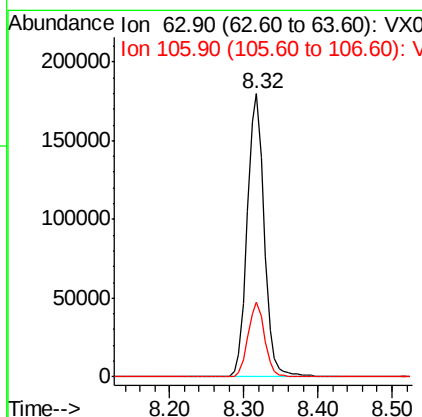
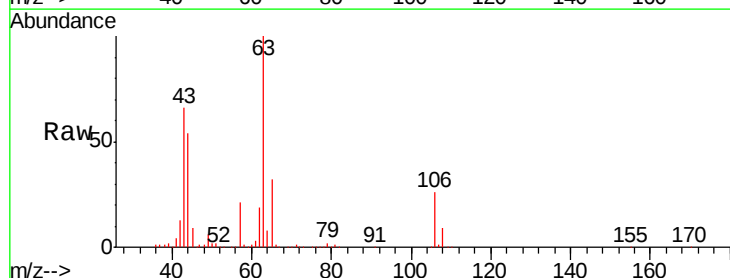
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

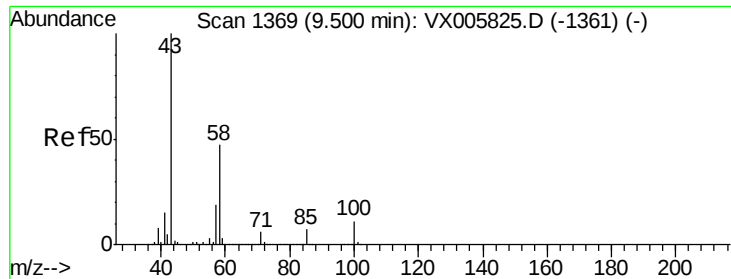
Tgt Ion: 76 Resp: 115842
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.38 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Tgt Ion: 63 Resp: 289320
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.3 31.9

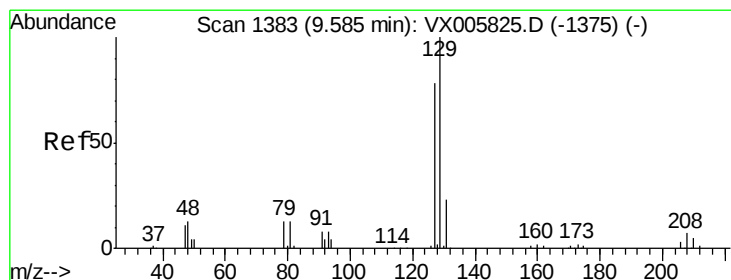
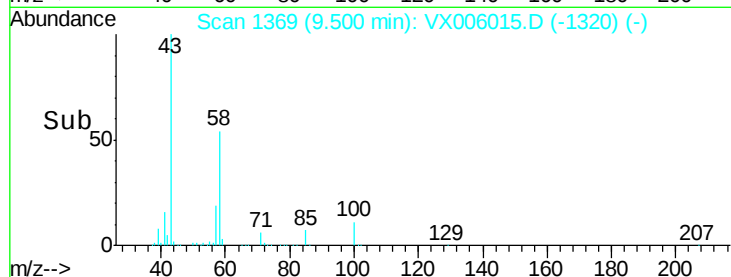
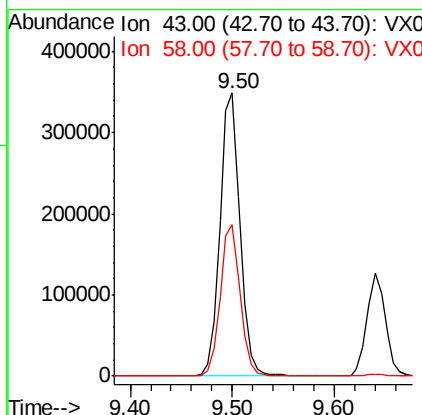
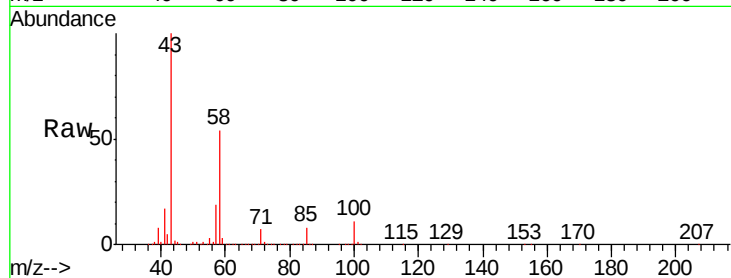




#59
2-Hexanone
Concen: 231.97 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

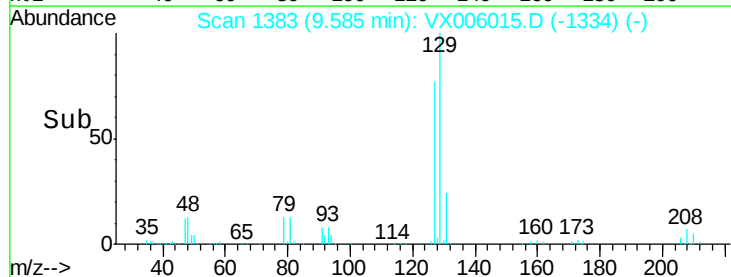
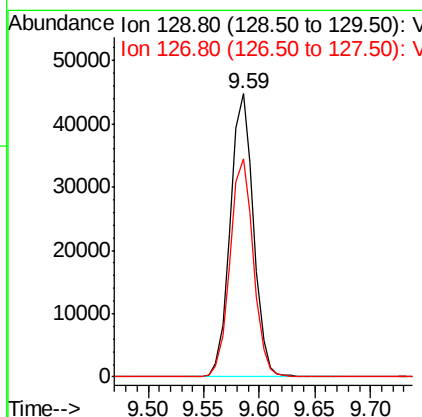
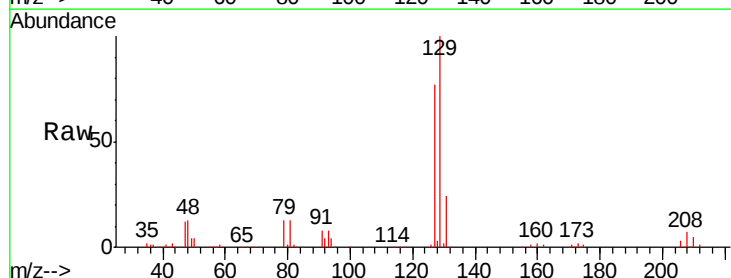
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

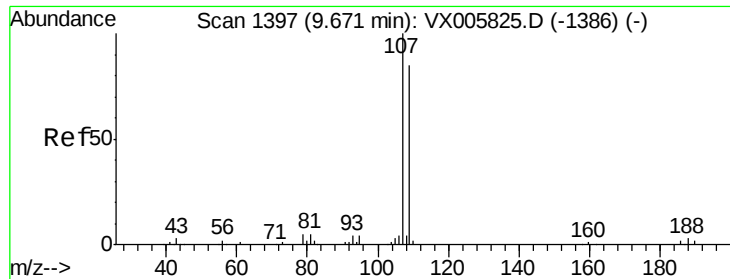
Tgt Ion: 43 Resp: 479248
Ion Ratio Lower Upper
43 100
58 53.4 25.9 77.8



#60
Dibromochloromethane
Concen: 42.19 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion: 129 Resp: 64614
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 42.77 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

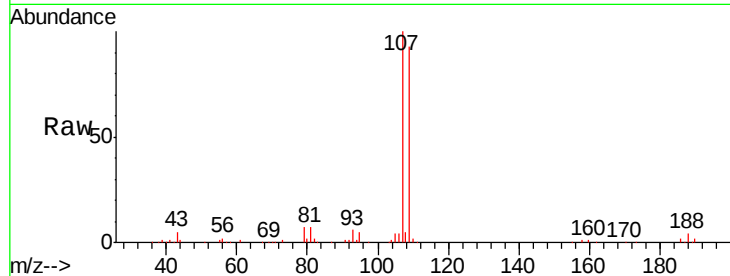
VSTDCCC050EC

Tgt Ion: 107 Resp: 67020

Ion Ratio Lower Upper

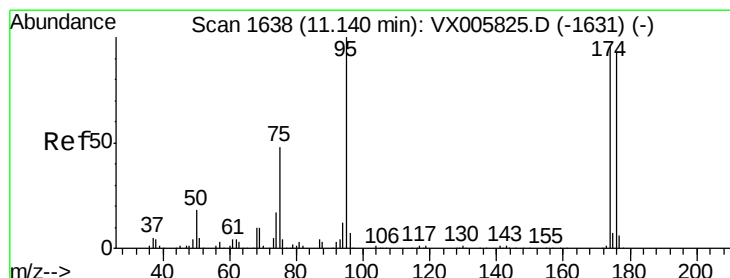
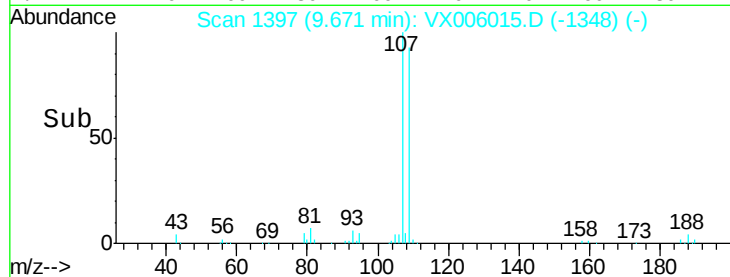
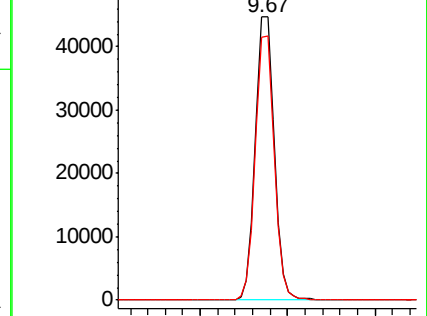
107 100

109 93.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.19 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

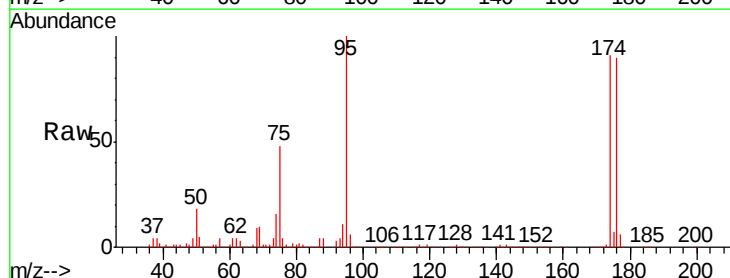
Tgt Ion: 95 Resp: 87544

Ion Ratio Lower Upper

95 100

174 89.2 0.0 184.4

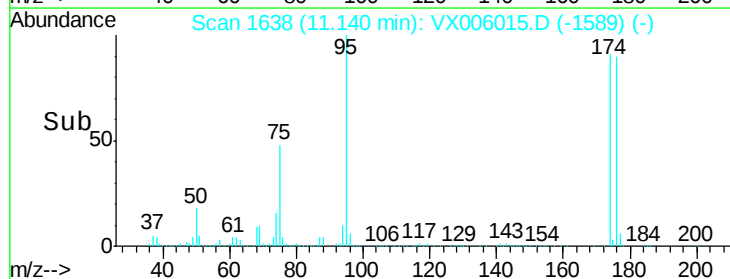
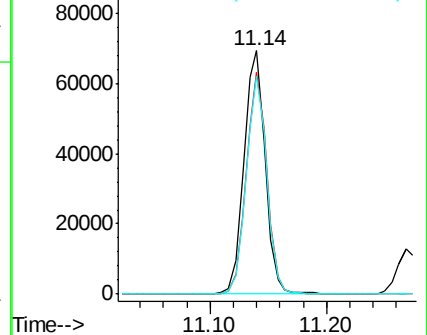
176 87.1 0.0 177.4

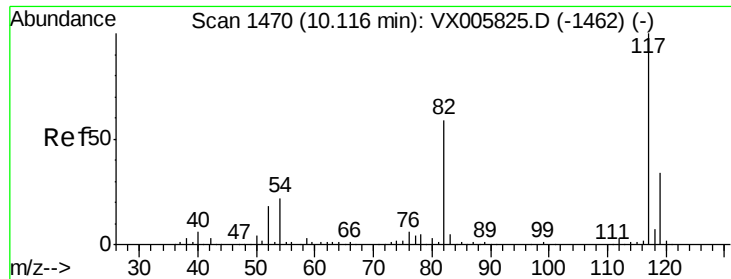


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

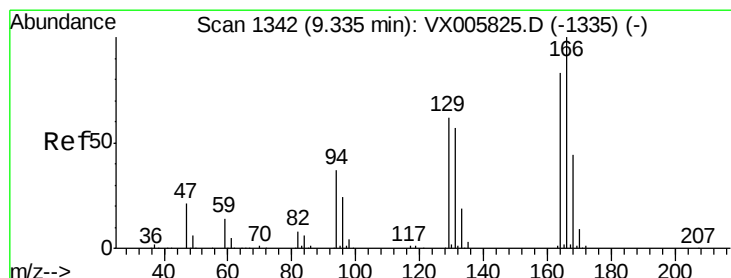
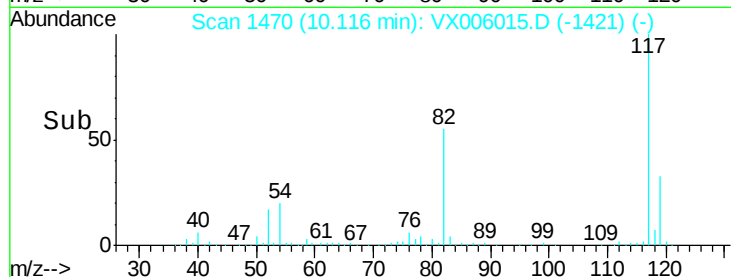
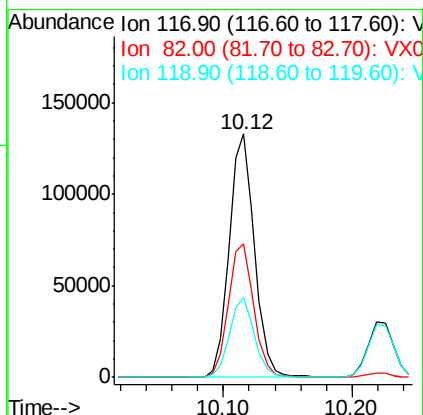
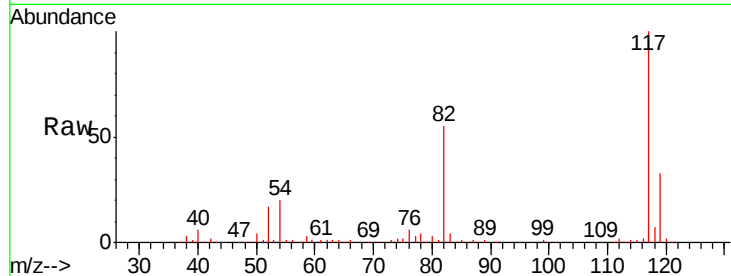




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

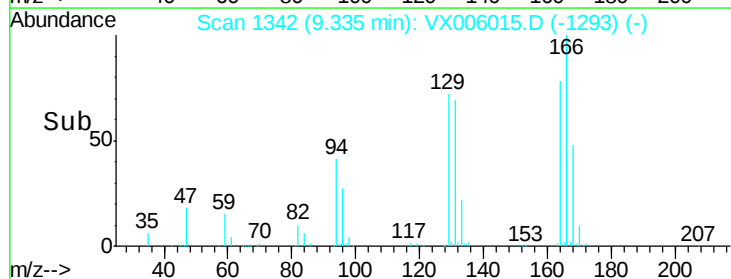
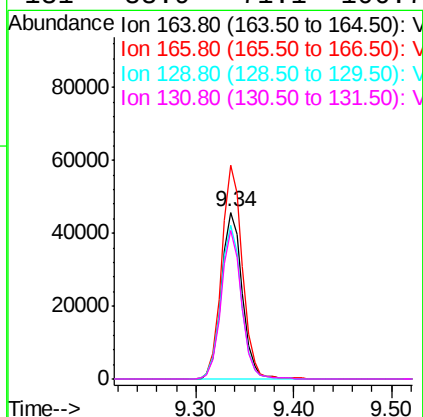
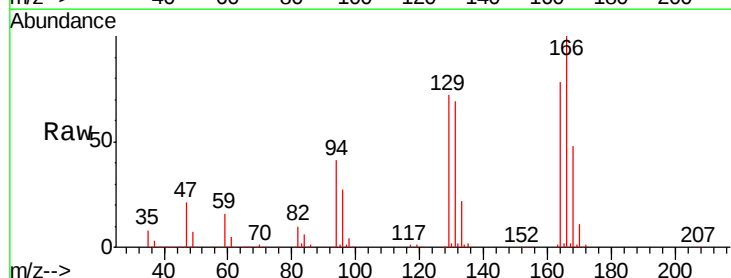
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

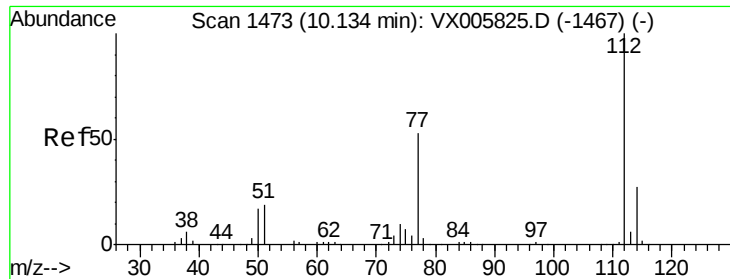
Tgt Ion:117 Resp: 182587
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 32.8 26.2 39.2



#64
Tetrachloroethene
Concen: 43.55 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion:164 Resp: 67698
Ion Ratio Lower Upper
164 100
166 128.0 101.9 152.9
129 92.4 72.6 109.0
131 88.9 71.1 106.7





#65

Chlorobenzene

Concen: 46.78 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

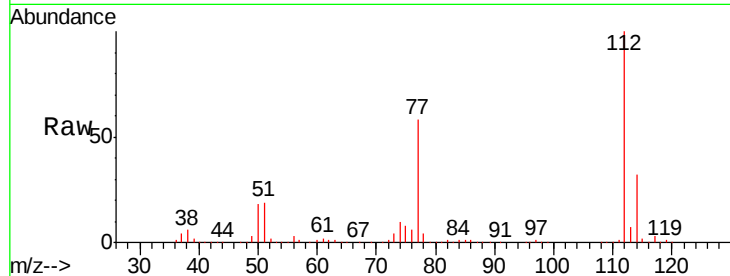
VSTDCCC050EC

Tgt Ion:112 Resp: 171112

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

100000

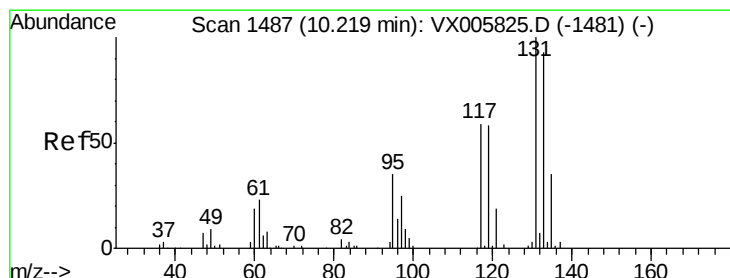
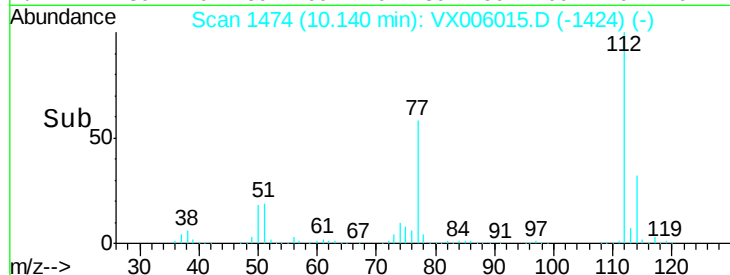
50000

0

10.14

10.10 10.20 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.06 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

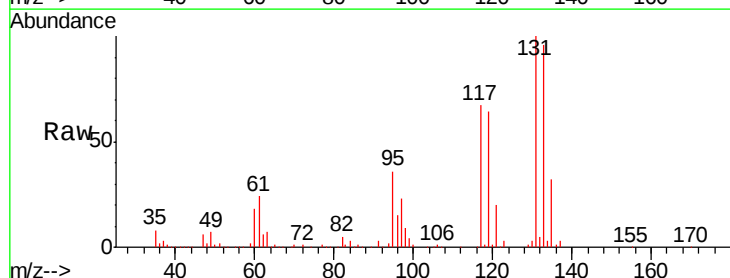
Tgt Ion:131 Resp: 62388

Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.5

119 64.2 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

50000

40000

30000

20000

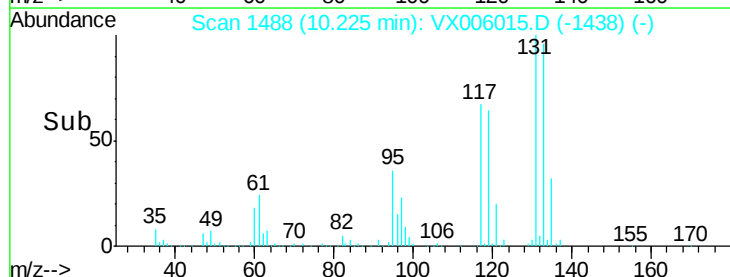
10000

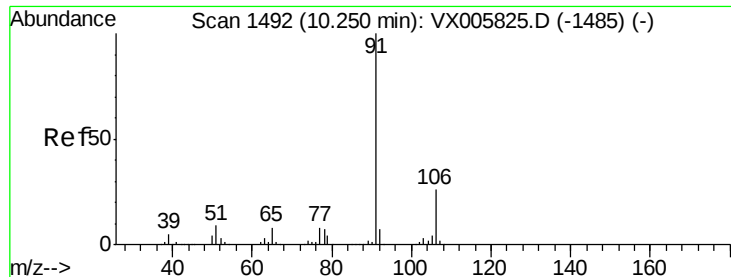
0

10.23

10.20 10.30

Time-->

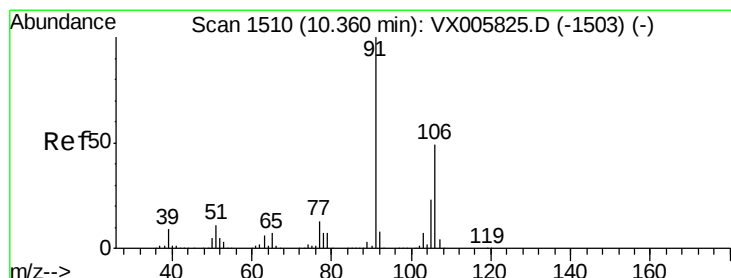
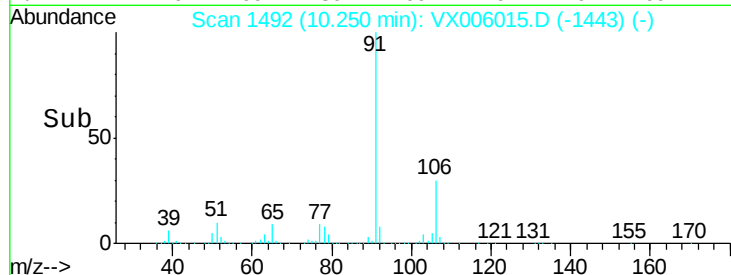
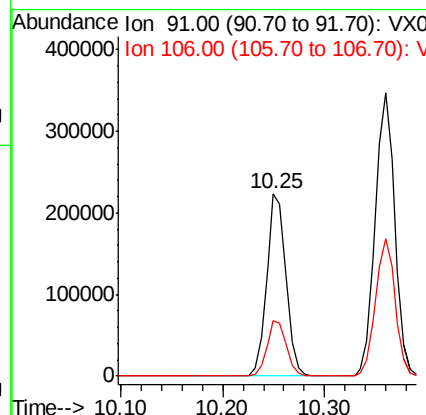
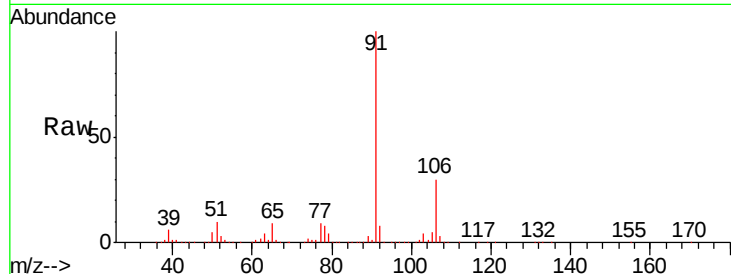




#67
Ethyl Benzene
Concen: 50.71 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

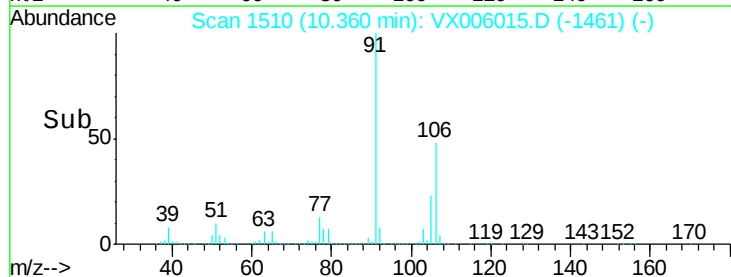
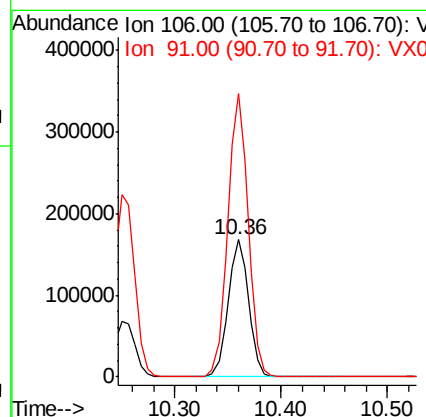
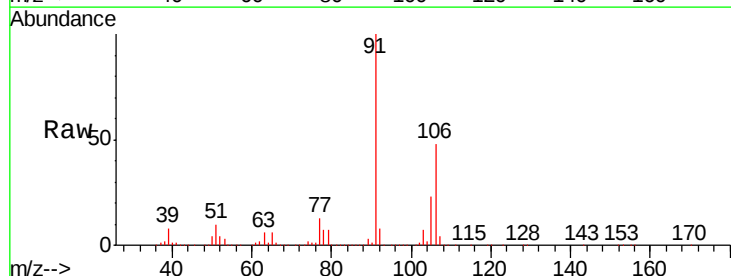
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

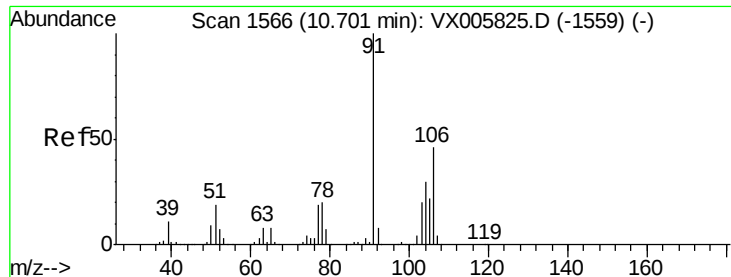
Tgt Ion: 91 Resp: 297425
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 101.22 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion: 106 Resp: 226447
Ion Ratio Lower Upper
106 100
91 206.1 164.2 246.4

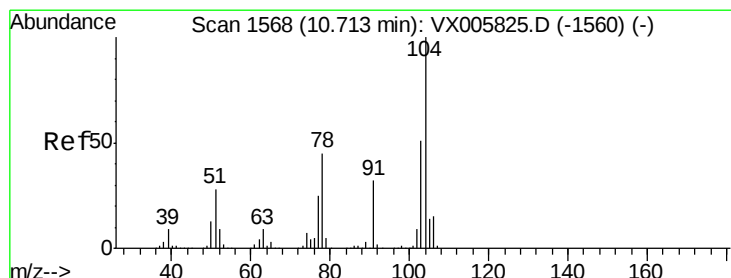
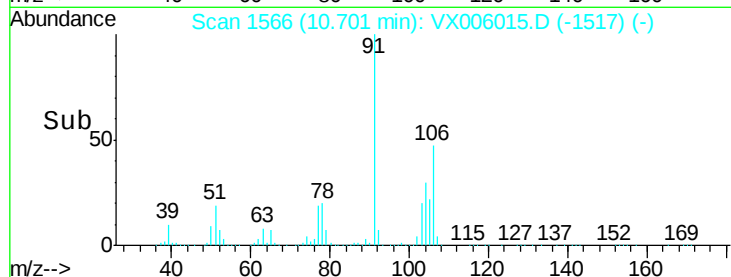
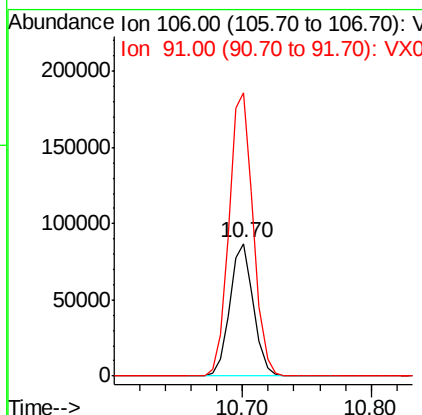
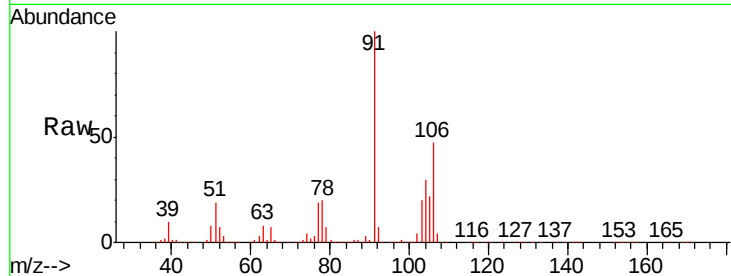




#69
o-Xylene
Concen: 55.60 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

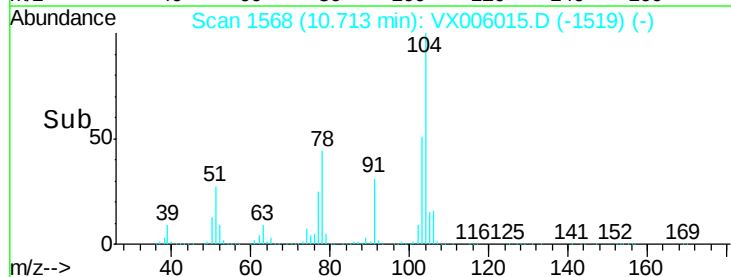
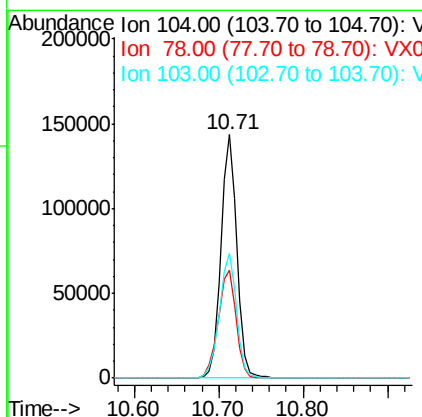
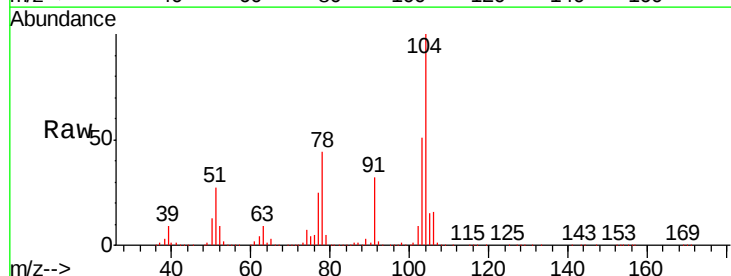
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

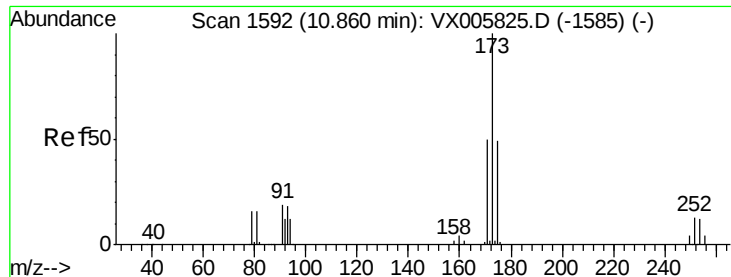
Tgt Ion:106 Resp: 111552
Ion Ratio Lower Upper
106 100
91 218.2 108.5 325.5



#70
Styrene
Concen: 56.54 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion:104 Resp: 187108
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.4
103 55.6 44.9 67.3





#71

Bromoform

Concen: 50.46 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

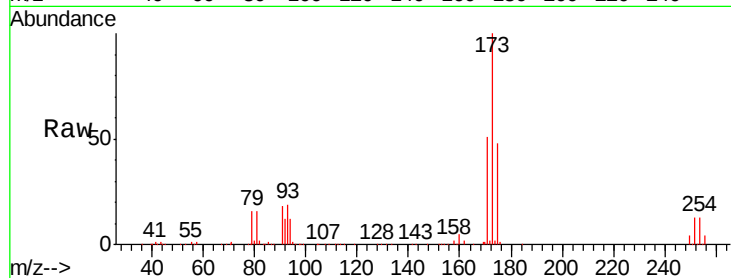
Tgt Ion:173 Resp: 53793

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.3

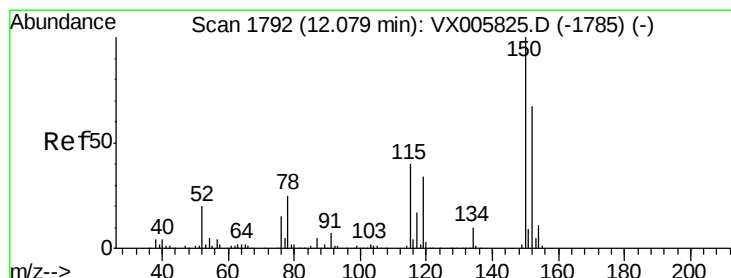
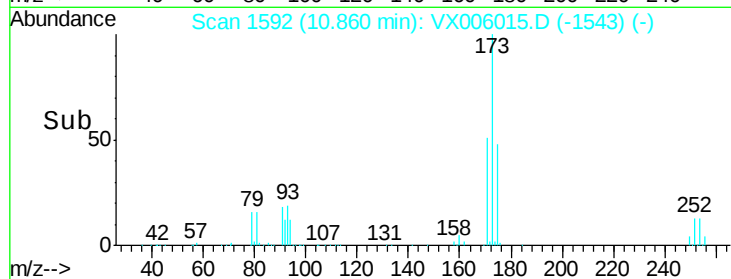
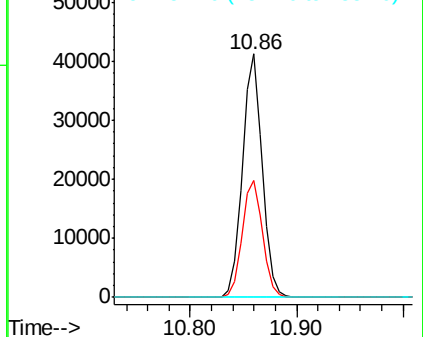
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

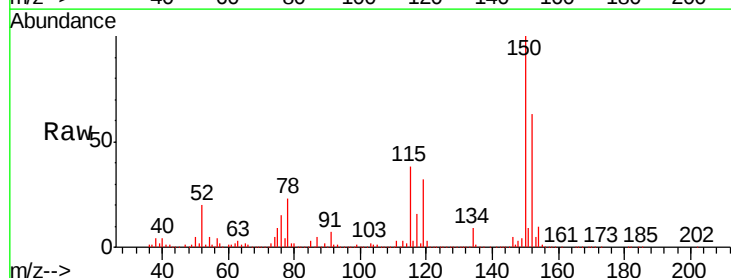
Tgt Ion:152 Resp: 100008

Ion Ratio Lower Upper

152 100

115 76.2 39.4 118.1

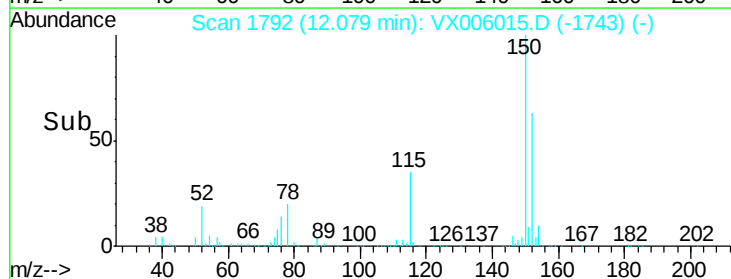
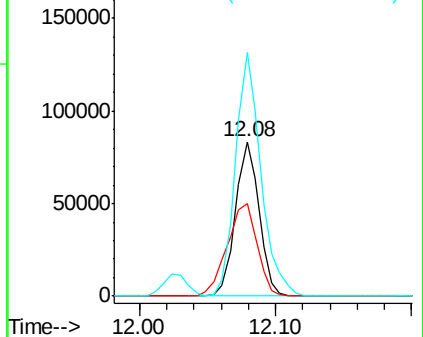
150 171.7 0.0 346.4

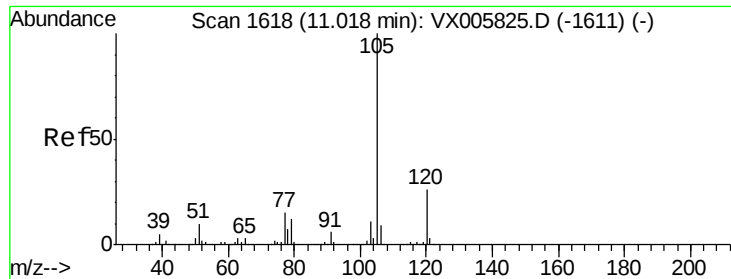


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.99 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

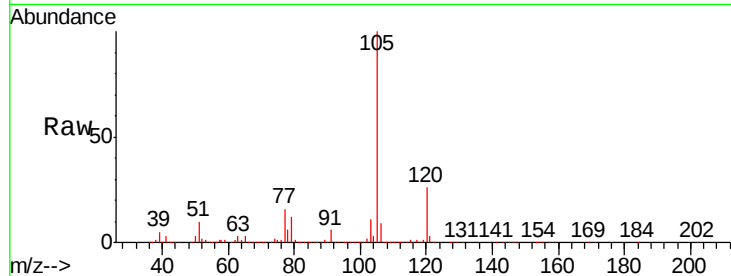
VSTDCCC050EC

Tgt Ion: 105 Resp: 300676

Ion Ratio Lower Upper

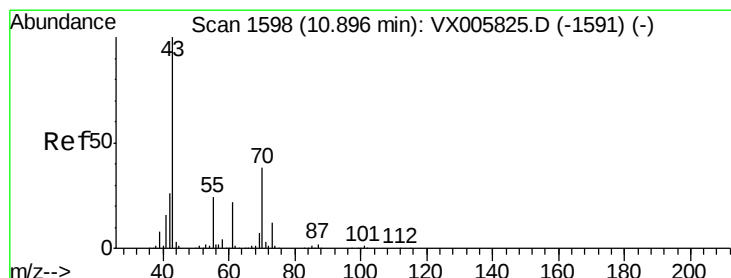
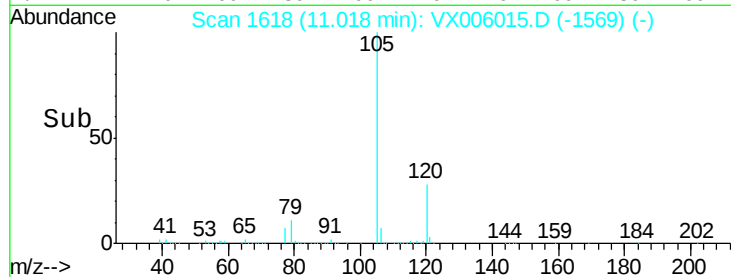
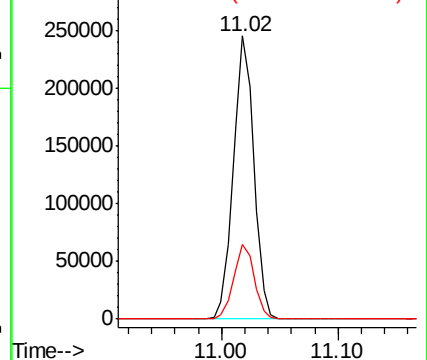
105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.04 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Tgt Ion: 43 Resp: 159056

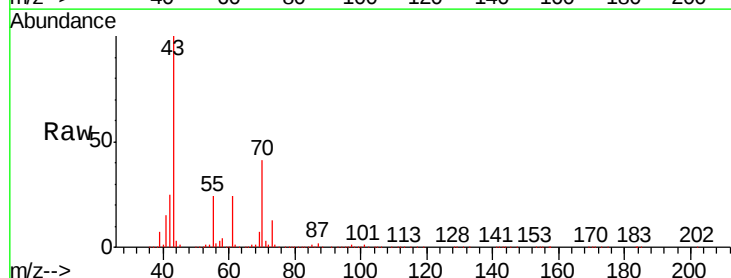
Ion Ratio Lower Upper

43 100

70 39.9 31.6 47.4

55 23.7 19.7 29.5

61 23.3 18.3 27.5

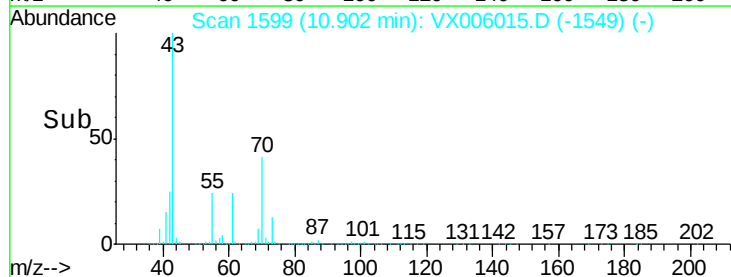
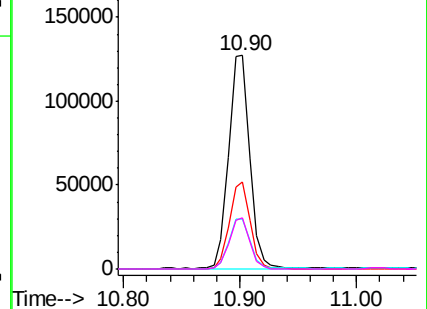


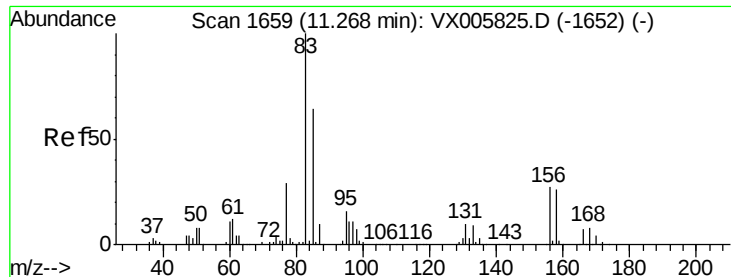
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.67 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

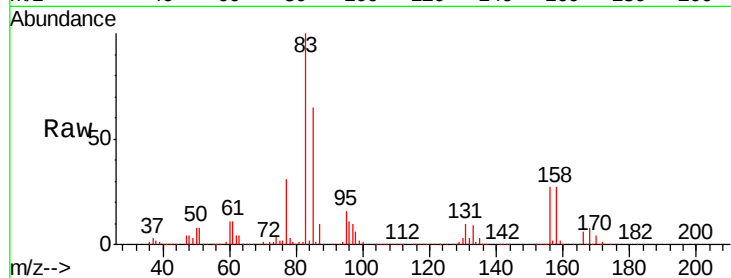
Tgt Ion: 83 Resp: 105445

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

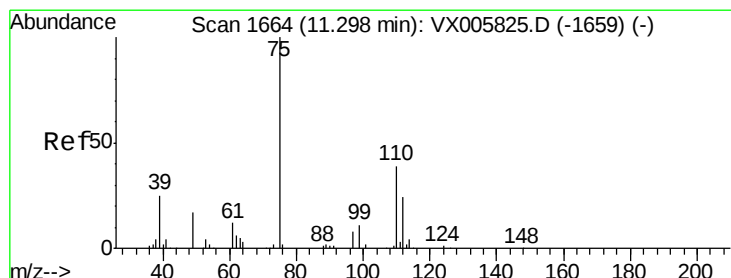
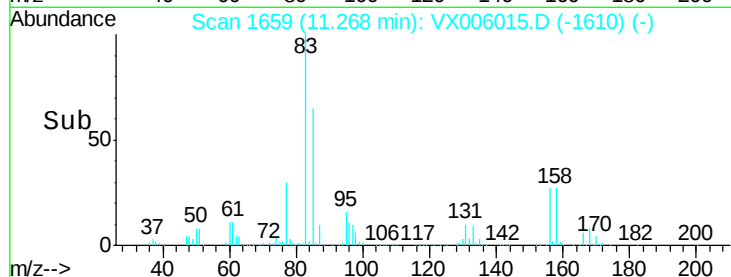
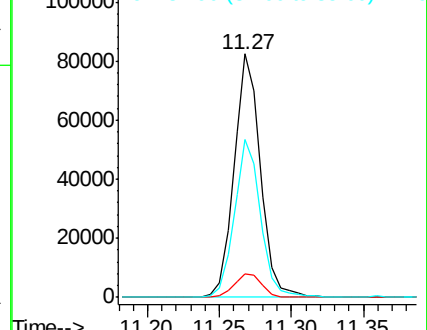
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.61 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006015.D

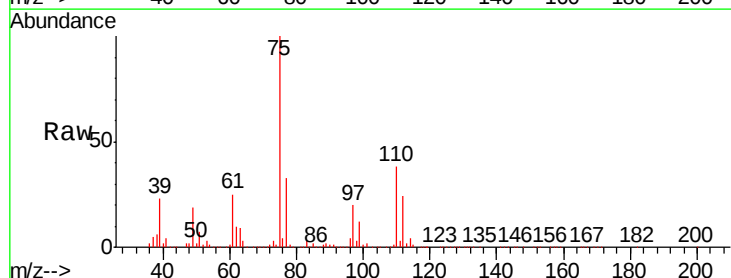
Acq: 15 Nov 2018 10:19

Tgt Ion: 75 Resp: 123431

Ion Ratio Lower Upper

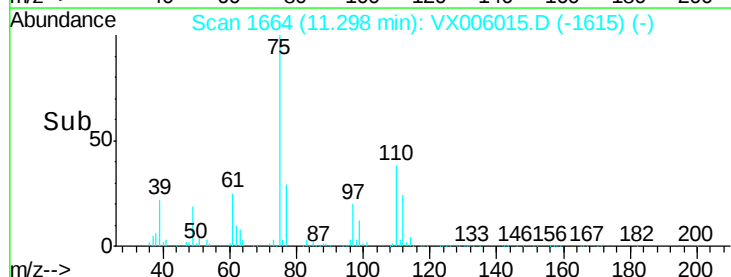
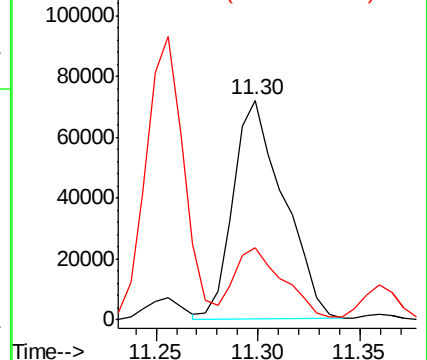
75 100

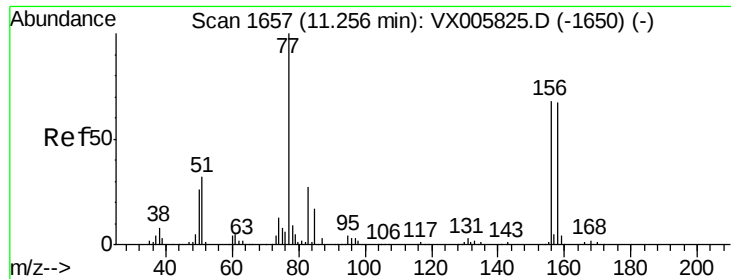
77 31.8 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.67 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

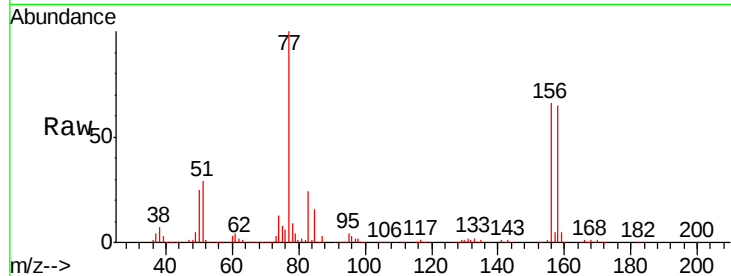
Tgt Ion:156 Resp: 79337

Ion Ratio Lower Upper

156 100

77 151.1 74.8 224.4

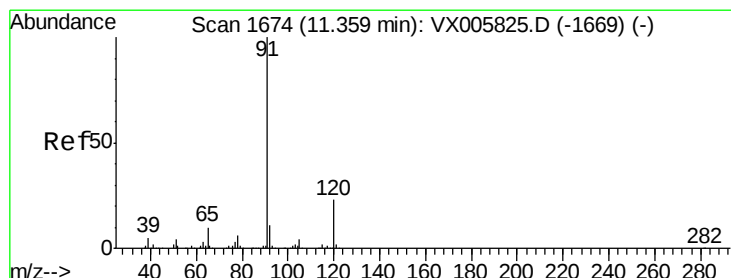
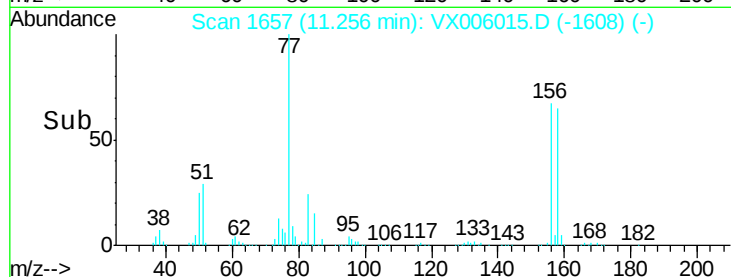
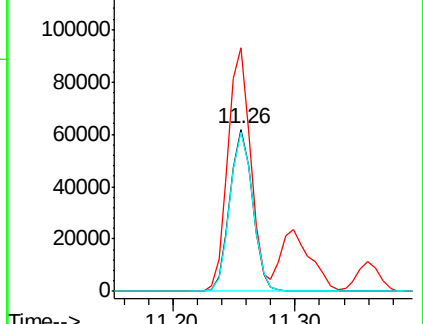
158 98.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.51 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006015.D

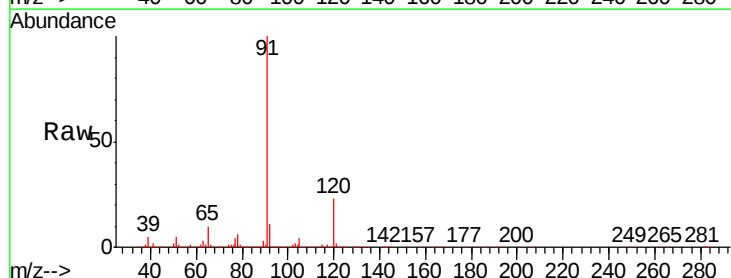
Acq: 15 Nov 2018 10:19

Tgt Ion: 91 Resp: 344251

Ion Ratio Lower Upper

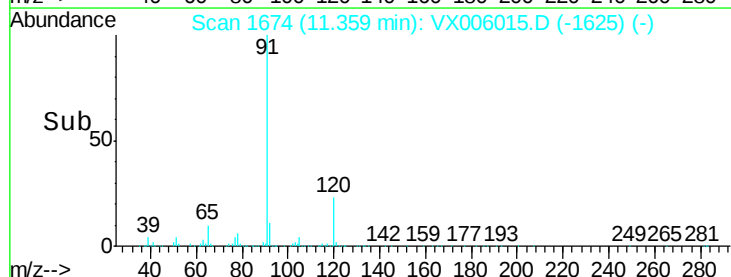
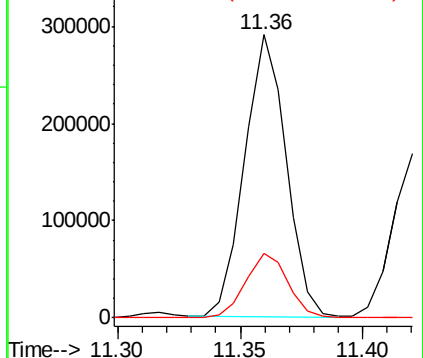
91 100

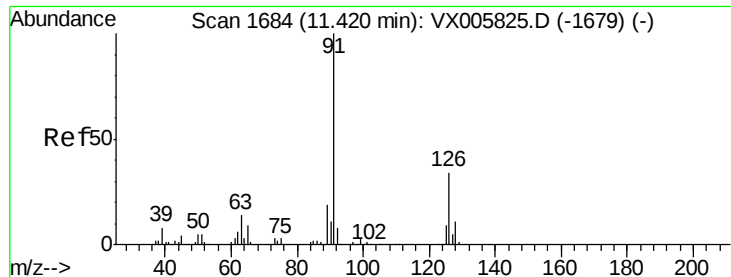
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

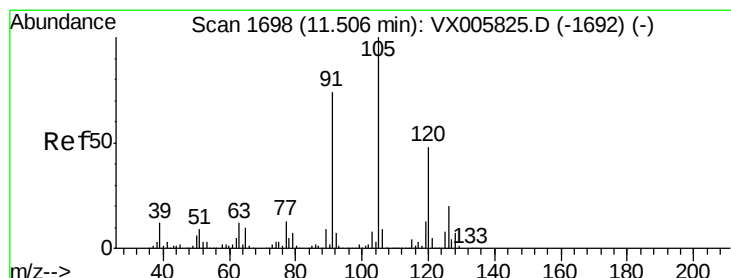
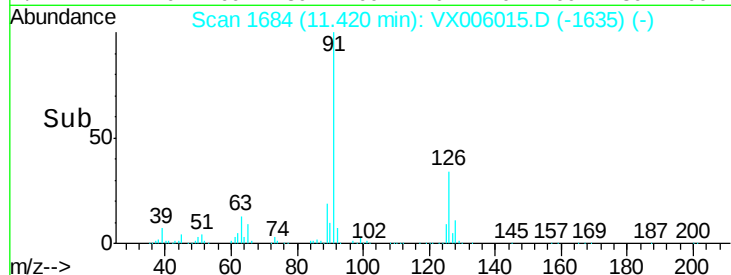
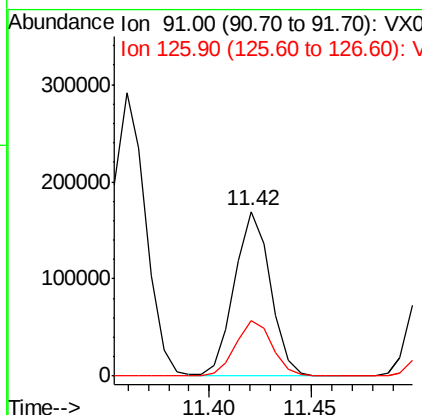
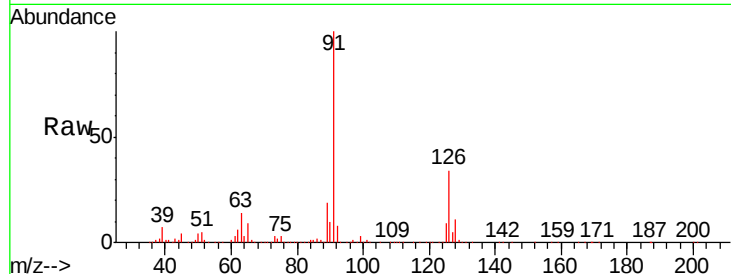




#79
 2-Chlorotoluene
 Concen: 50.05 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

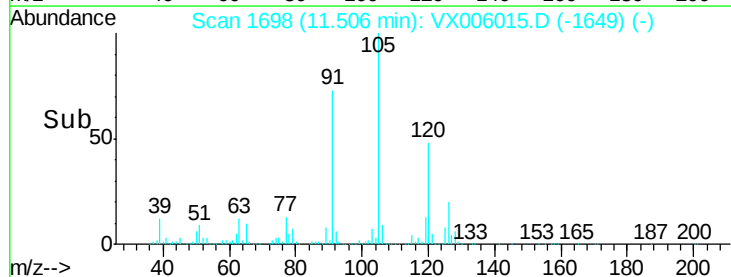
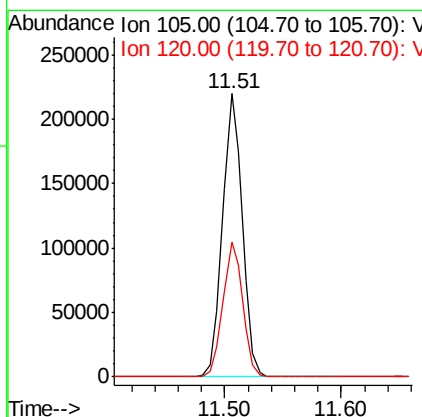
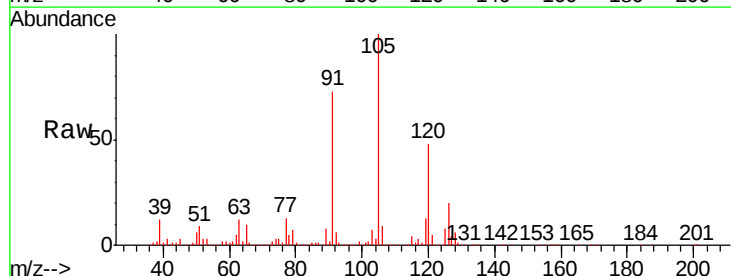
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

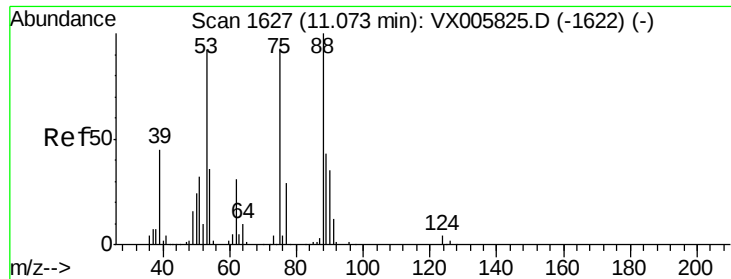
Tgt Ion: 91 Resp: 206187
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.96 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Tgt Ion: 105 Resp: 255356
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.71 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

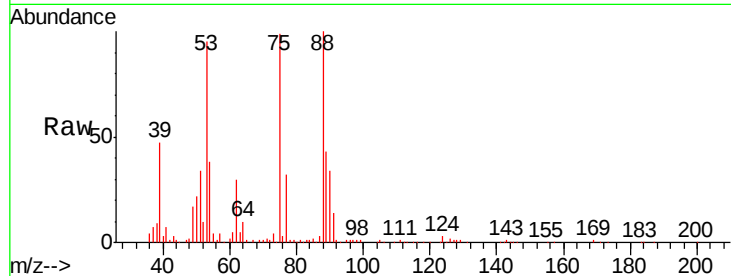
Tgt Ion: 75 Resp: 29205

Ion Ratio Lower Upper

75 100

53 94.1 80.2 120.2

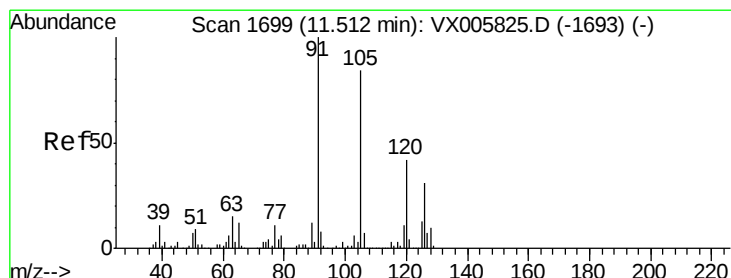
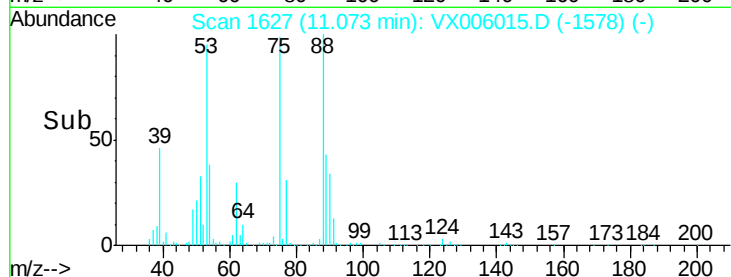
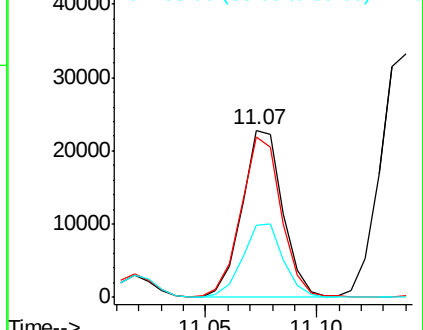
89 44.1 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.00 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006015.D

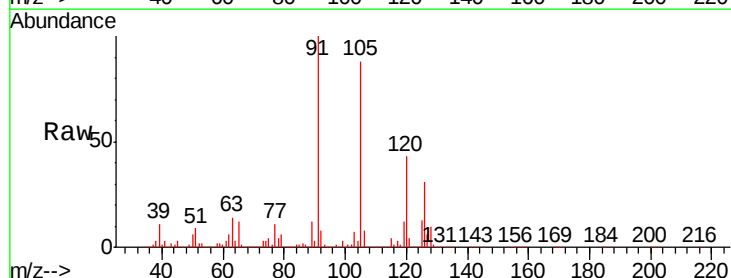
Acq: 15 Nov 2018 10:19

Tgt Ion: 91 Resp: 242761

Ion Ratio Lower Upper

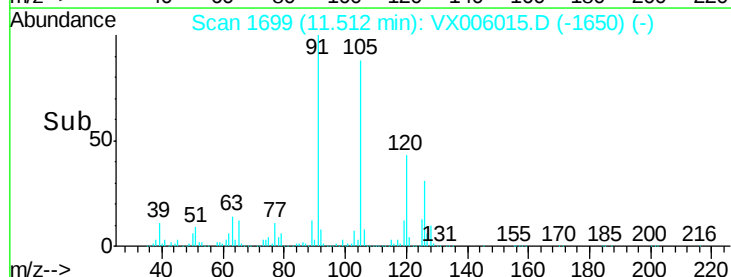
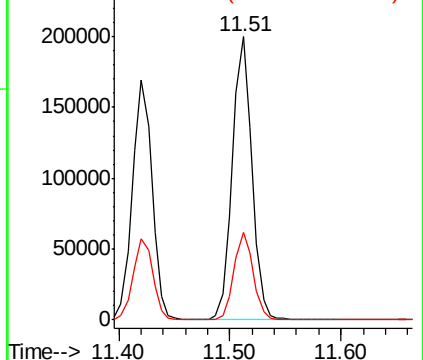
91 100

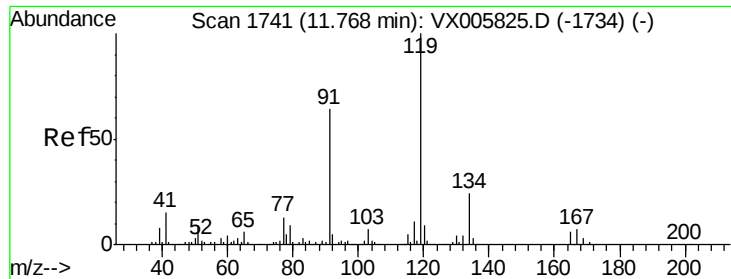
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

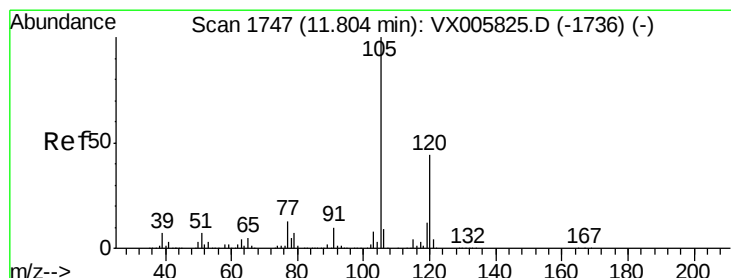
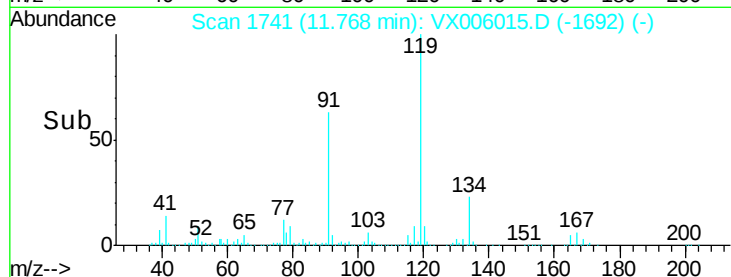
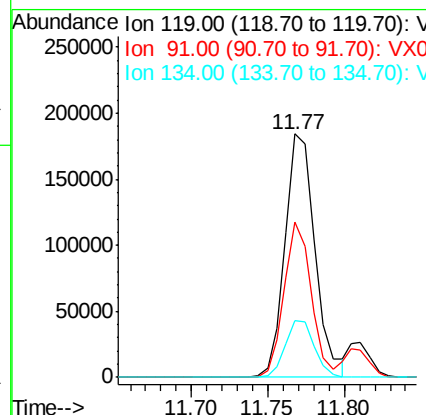
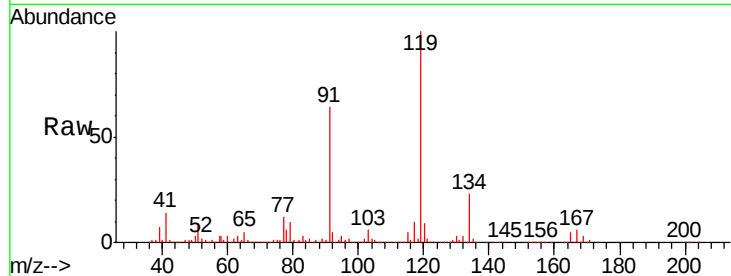




#83
 tert-Butylbenzene
 Concen: 50.50 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

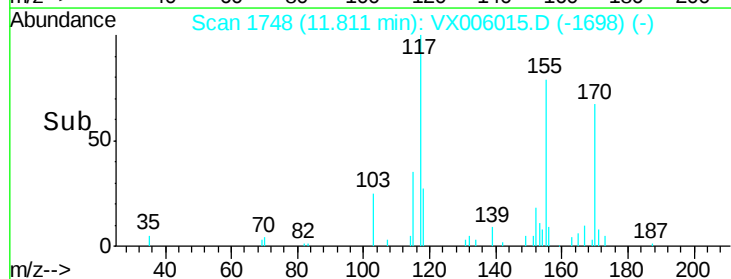
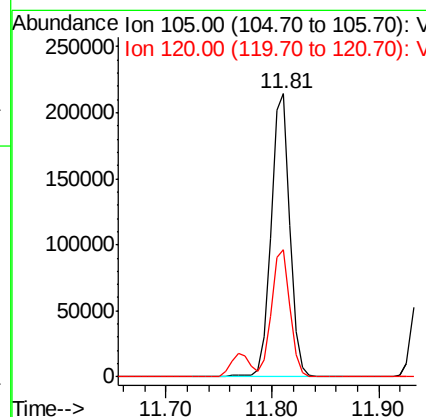
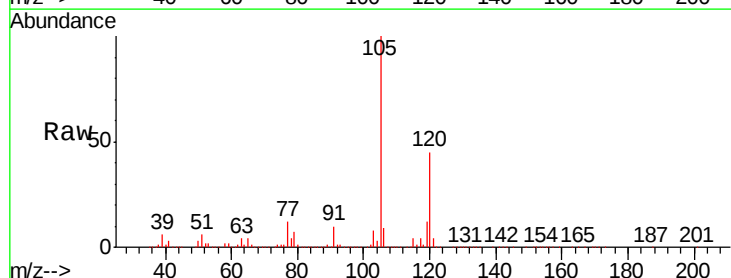
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

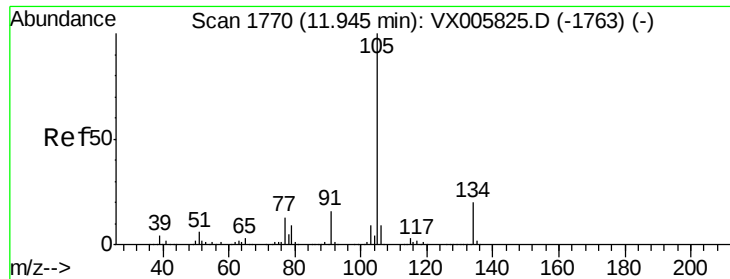
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.5	85.5
134	22.7	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.54 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.0





#85

sec-Butylbenzene

Concen: 49.79 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

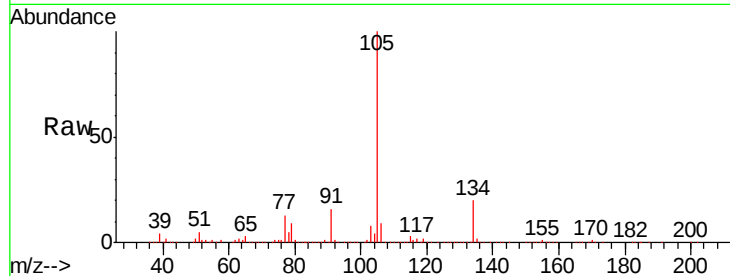
VSTDCCC050EC

Tgt Ion:105 Resp: 302724

Ion Ratio Lower Upper

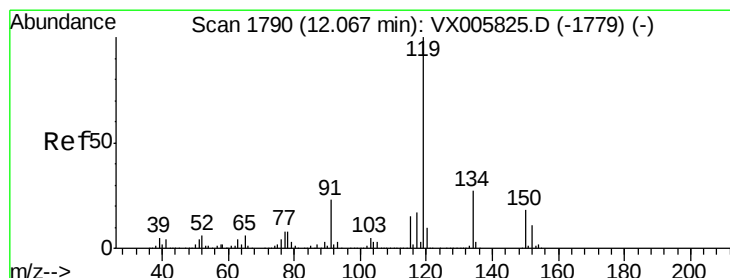
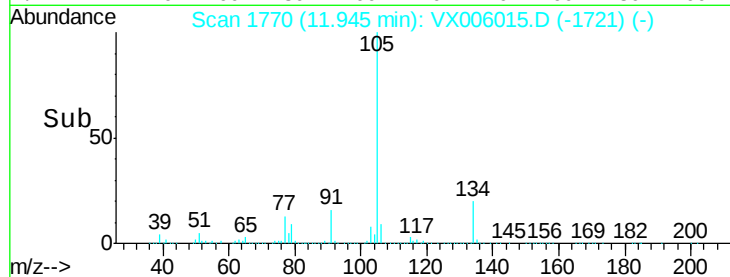
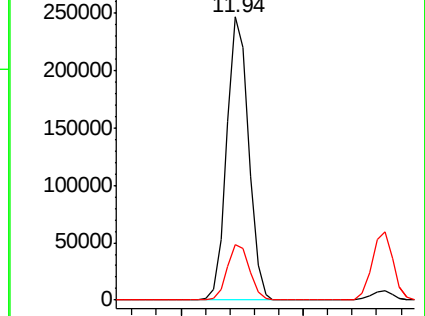
105 100

134 20.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.16 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

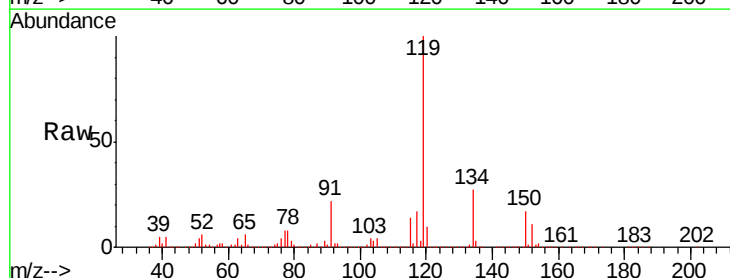
Tgt Ion:119 Resp: 270136

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

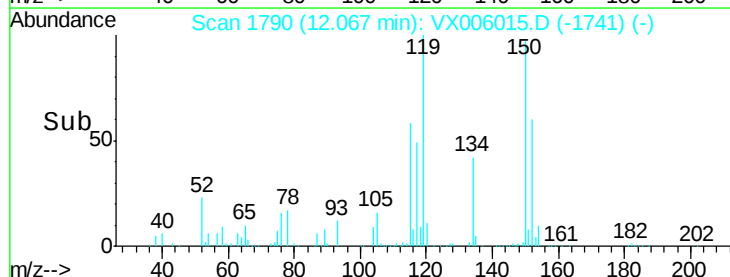
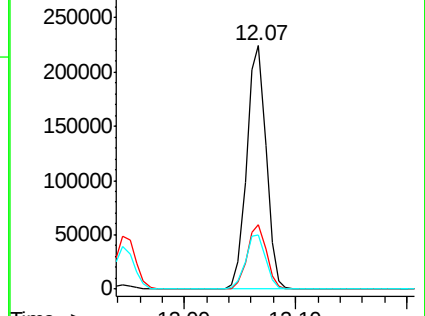
91 23.1 11.4 34.2

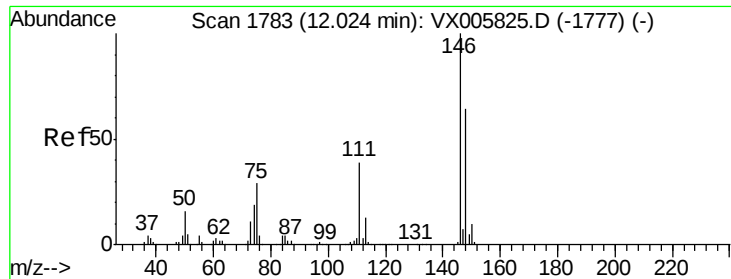


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 46.60 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

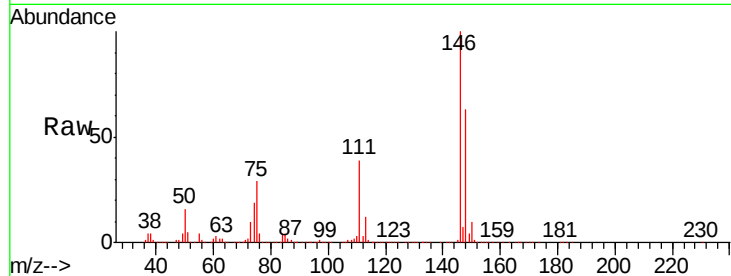
Tgt Ion:146 Resp: 145769

Ion Ratio Lower Upper

146 100

111 38.4 19.0 57.0

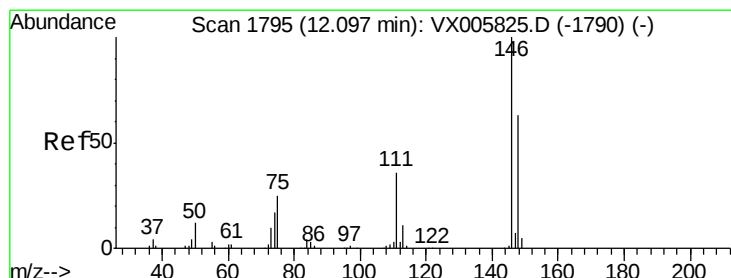
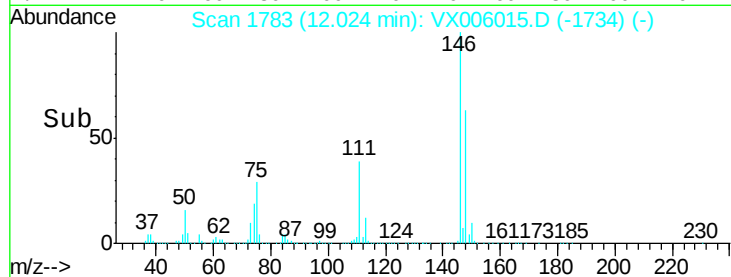
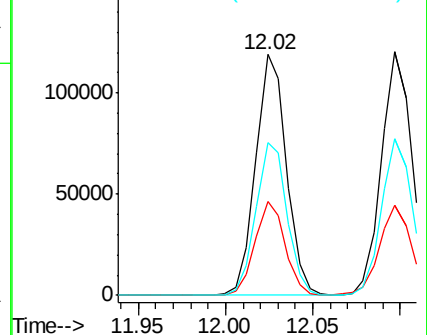
148 64.3 31.9 95.9



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: 45.84 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

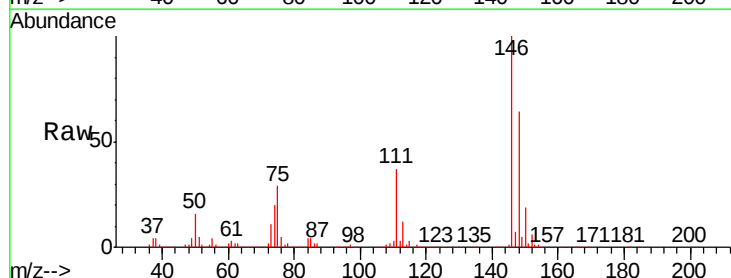
Tgt Ion:146 Resp: 146808

Ion Ratio Lower Upper

146 100

111 37.9 18.6 55.8

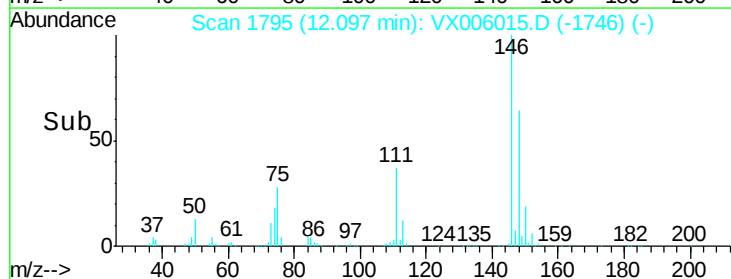
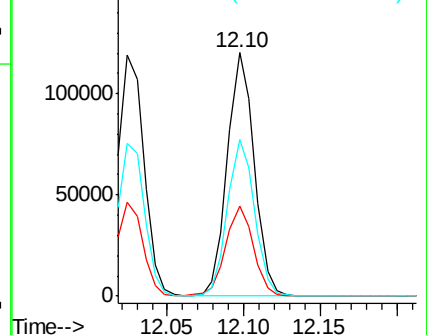
148 64.7 32.1 96.3

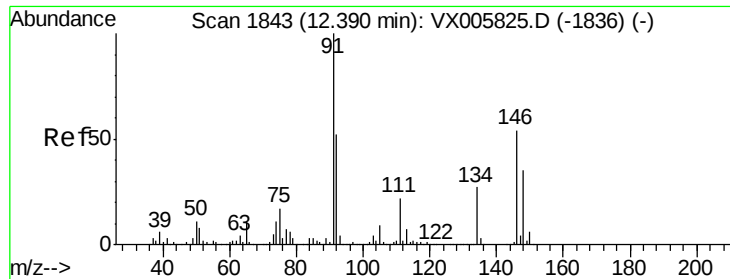


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

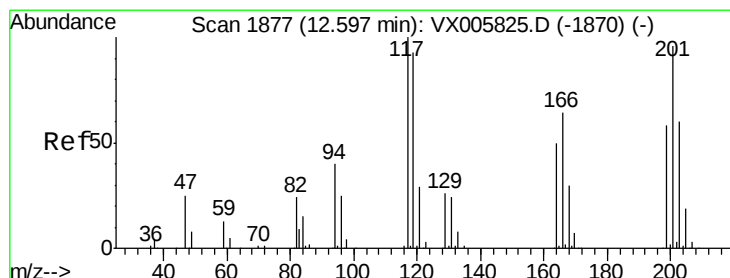
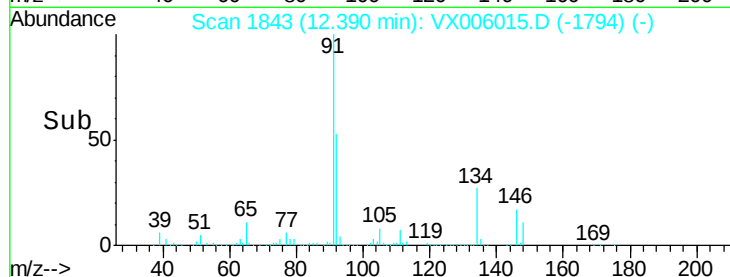
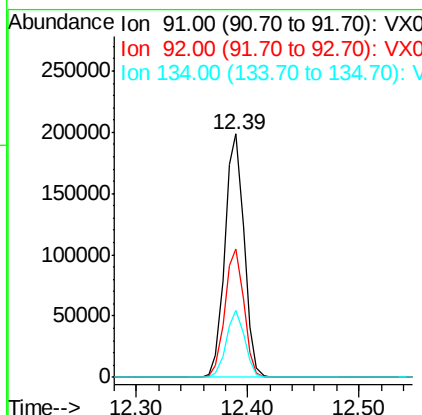
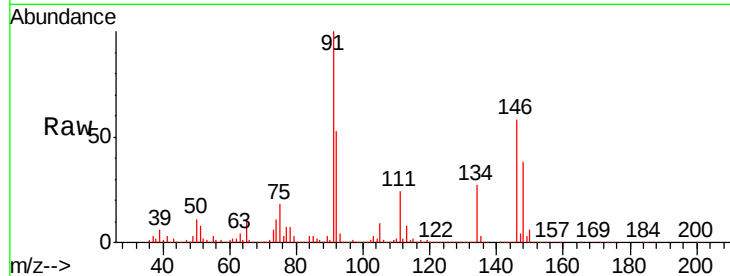




#89
n-Butylbenzene
Concen: 47.36 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

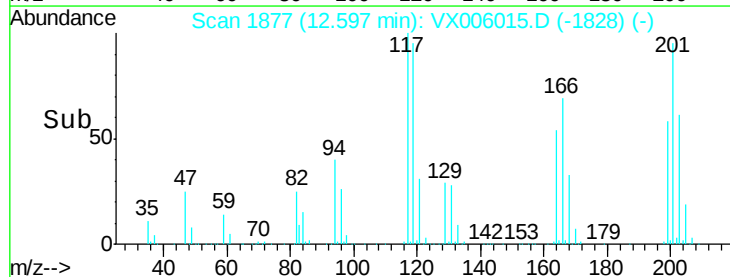
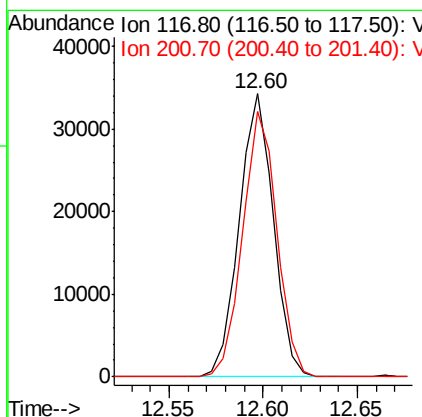
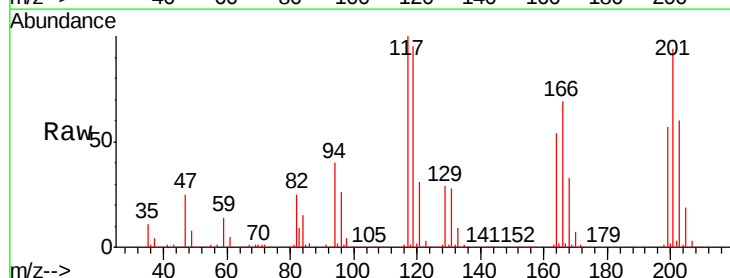
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

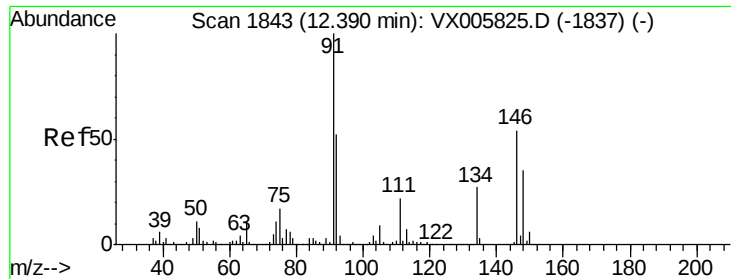
Tgt Ion: 91 Resp: 236382
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.2
134 26.5 13.1 39.3



#90
Hexachloroethane
Concen: 47.51 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006015.D
Acq: 15 Nov 2018 10:19

Tgt Ion: 117 Resp: 42719
Ion Ratio Lower Upper
117 100
201 94.8 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 46.98 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

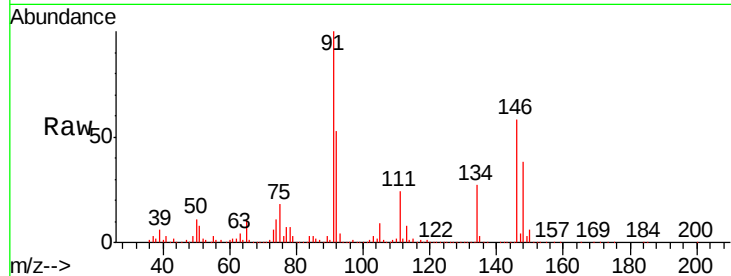
Tgt Ion:146 Resp: 147248

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

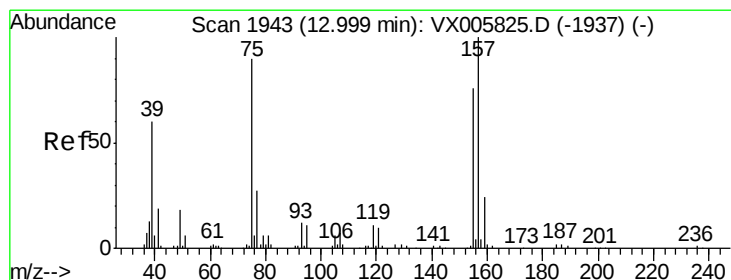
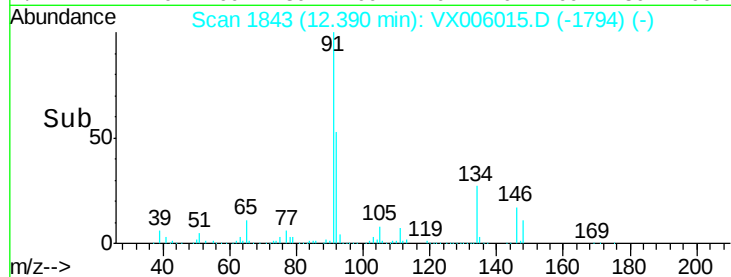
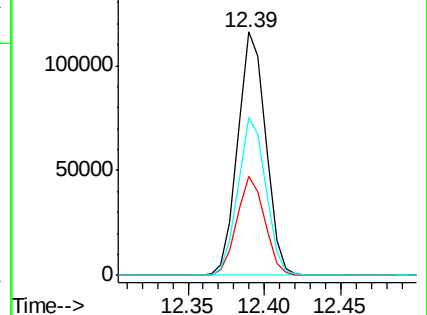
148 64.8 32.2 96.6



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.25 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

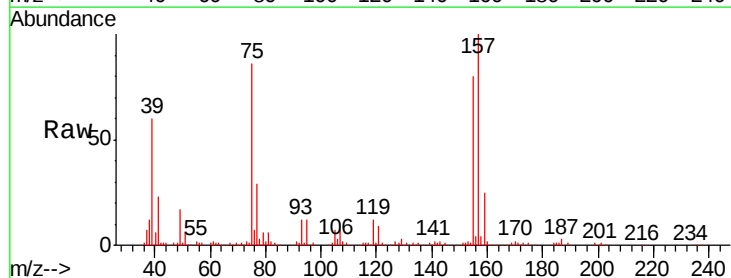
Tgt Ion: 75 Resp: 27066

Ion Ratio Lower Upper

75 100

155 103.9 45.4 136.1

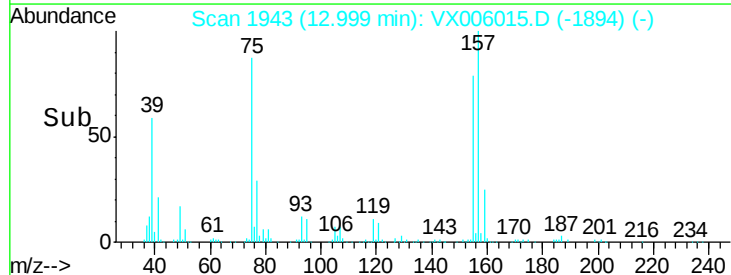
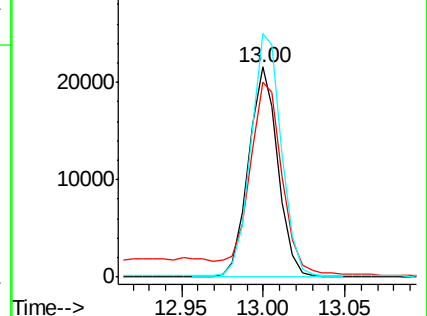
157 118.8 57.4 172.0

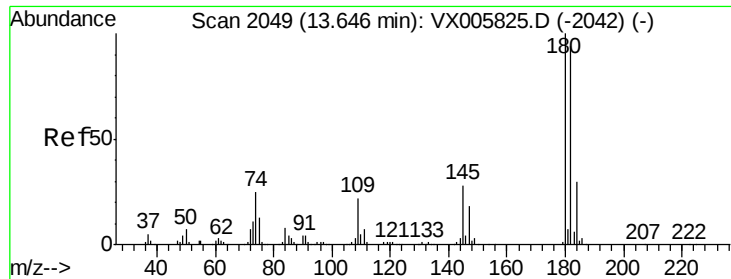


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

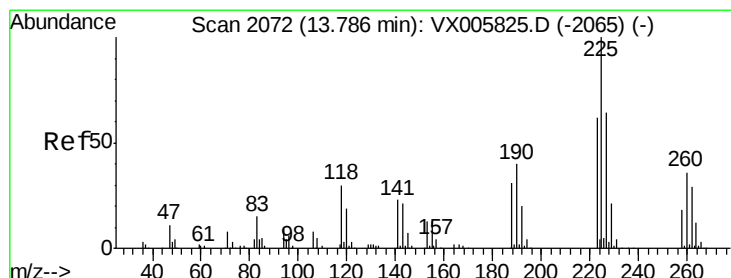
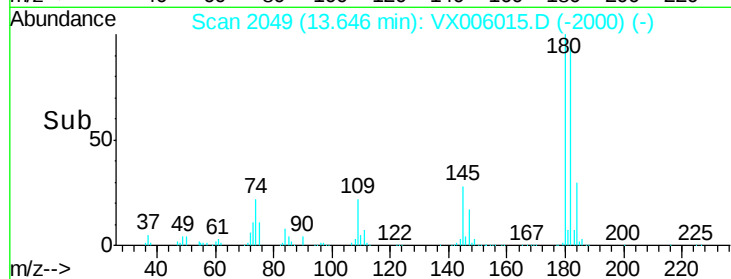
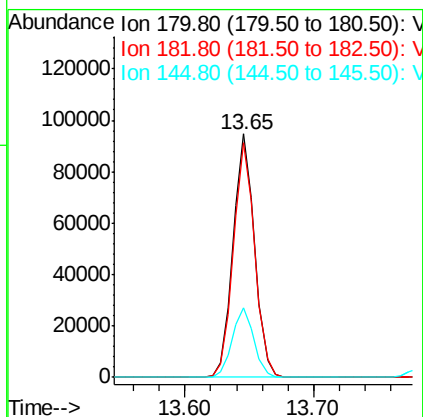
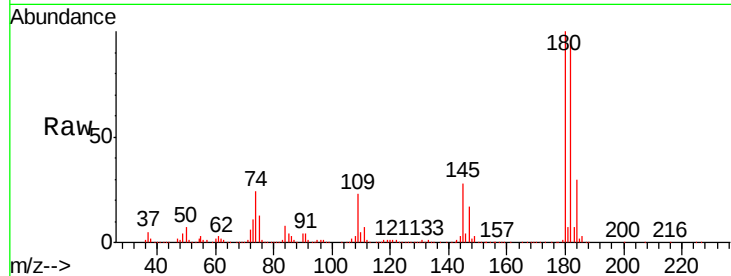




#93
 1,2,4-Trichlorobenzene
 Concen: 50.16 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

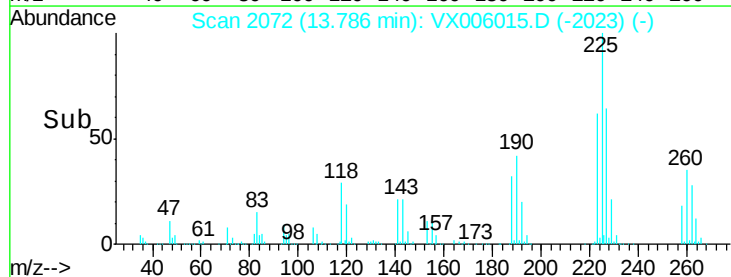
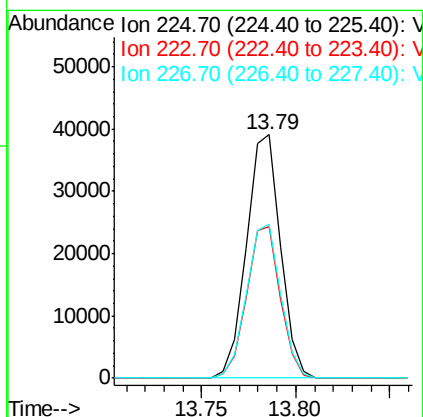
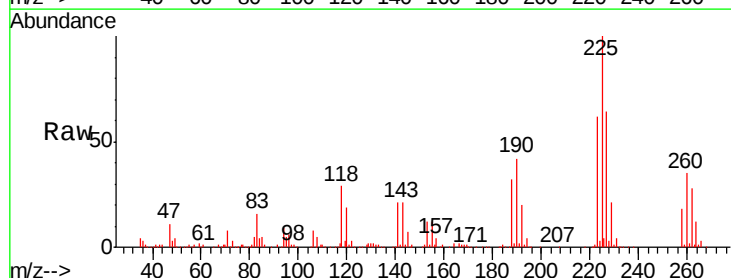
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

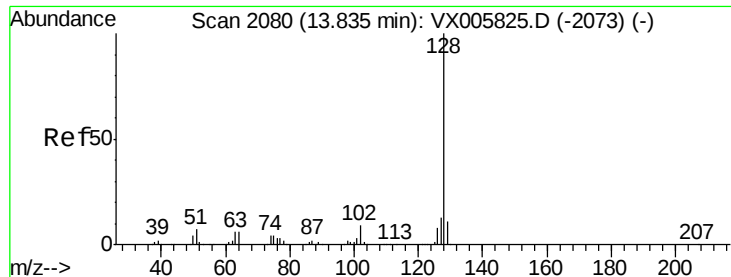
Tgt Ion:180 Resp: 110655
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.8
 145 29.2 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 42.21 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006015.D
 Acq: 15 Nov 2018 10:19

Tgt Ion:225 Resp: 48918
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.7 95.1
 227 63.1 32.3 96.9





#95

Naphthalene

Concen: 50.59 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

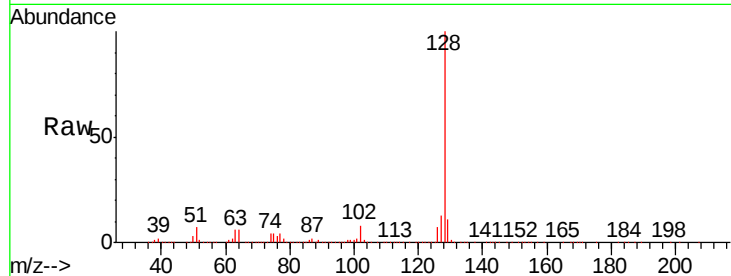
Tgt Ion:128 Resp: 364102

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

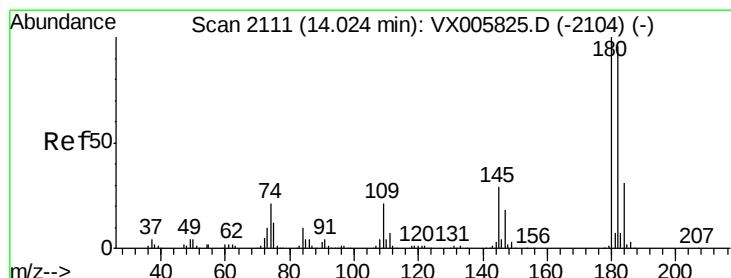
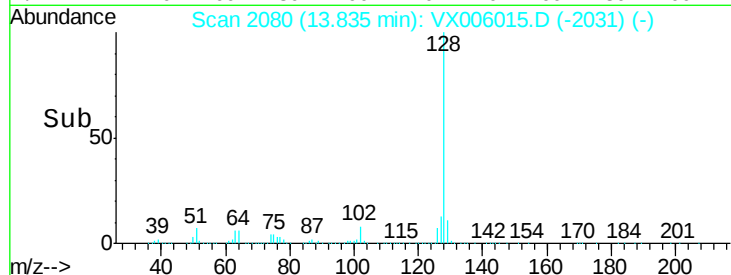
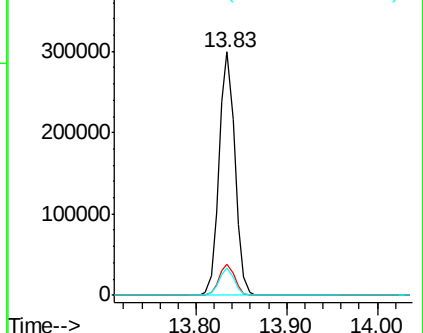
129 10.8 8.7 13.1



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: 50.43 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006015.D

Acq: 15 Nov 2018 10:19

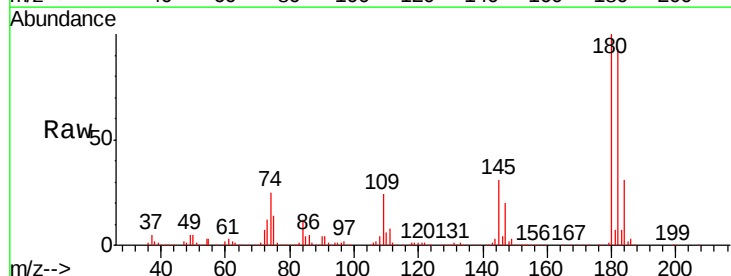
Tgt Ion:180 Resp: 113346

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.2

145 30.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

