

Data File : VX001085.D

Acq On : 24 Apr 2018 18:54

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 25 07:20:32 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	229939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157773	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	129058	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.72	98	465515	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	191269	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	159428	51.37	ug/l	98
3) Chloromethane	1.32	50	131936	45.65	ug/l	99
4) Vinyl Chloride	1.40	62	147452	49.23	ug/l	100
5) Bromomethane	1.64	94	81419	46.84	ug/l	98
6) Chloroethane	1.72	64	89525	50.30	ug/l	98
7) Trichlorofluoromethane	1.93	101	231052	51.34	ug/l	99
8) Diethyl Ether	2.19	74	84671	50.94	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128904	48.89	ug/l	99
10) Methyl Iodide	2.51	142	97398	39.34	ug/l	98
11) Tert butyl alcohol	3.09	59	158182	330.64	ug/l	99
12) 1,1-Dichloroethene	2.37	96	120098	49.26	ug/l	97
13) Acrolein	2.30	56	52733	349.27	ug/l	98
14) Allyl chloride	2.73	41	213716	48.43	ug/l	99
15) Acrylonitrile	3.16	53	354238	273.60	ug/l	99
16) Acetone	2.45	43	319323	267.33	ug/l	99
17) Carbon Disulfide	2.57	76	305468	43.96	ug/l	100
18) Methyl Acetate	2.78	43	229752	63.56	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	430627	52.54	ug/l	99
20) Methylene Chloride	2.86	84	135887	54.10	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	129844	47.84	ug/l	99
22) Diisopropyl ether	3.88	45	437904	51.27	ug/l	97
23) Vinyl Acetate	3.83	43	1701068	240.55	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235343	49.12	ug/l	99
25) 2-Butanone	4.72	43	507035	271.91	ug/l	99
26) 2,2-Dichloropropane	4.59	77	111192	26.98	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	147068	48.64	ug/l	94
28) Bromochloromethane	5.03	49	97169	52.74	ug/l	97
29) Tetrahydrofuran	5.18	42	329913	279.98	ug/l	100
30) Chloroform	5.23	83	252581	50.90	ug/l	100
31) Cyclohexane	5.58	56	210677	47.11	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	224278	50.41	ug/l	98
36) 1,1-Dichloropropene	5.81	75	184705	45.87	ug/l	99
37) Ethyl Acetate	4.87	43	195399	52.91	ug/l	99
38) Carbon Tetrachloride	5.79	117	199583	48.95	ug/l	99

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Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Quant Time: Apr 25 07:20:32 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	212446	45.33	ug/l	99
40) Benzene	6.15	78	545646	48.75	ug/l	98
41) Methacrylonitrile	5.07	41	117445	50.92	ug/l	99
42) 1,2-Dichloroethane	6.21	62	216029	50.28	ug/l	99
43) Isopropyl Acetate	6.48	43	331372	52.30	ug/l	99
44) Trichloroethene	7.22	130	159728	46.71	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141056	50.11	ug/l	98
46) Dibromomethane	7.67	93	97632	49.65	ug/l	100
47) Bromodichloromethane	7.91	83	186034	51.06	ug/l	98
48) Methyl methacrylate	7.79	41	177371	51.99	ug/l	98
49) 1,4-Dioxane	7.76	88	68074	1356.83	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1088448	282.92	ug/l	100
52) Toluene	8.79	92	359620	49.22	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	201008	46.13	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	191557	46.62	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	148001	50.97	ug/l	99
56) Ethyl methacrylate	9.19	69	222031	52.06	ug/l	97
57) 1,3-Dichloropropane	9.38	76	241698	50.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	545707	262.16	ug/l	99
59) 2-Hexanone	9.51	43	828963	281.50	ug/l	99
60) Dibromochloromethane	9.59	129	159871	52.42	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158019	51.56	ug/l	100
64) Tetrachloroethene	9.34	164	192292	54.32	ug/l	99
65) Chlorobenzene	10.15	112	421530	47.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	155090	50.91	ug/l	99
67) Ethyl Benzene	10.26	91	701762	47.61	ug/l	98
68) m/p-Xylenes	10.37	106	558128	96.07	ug/l	99
69) o-Xylene	10.71	106	271639	48.50	ug/l	98
70) Styrene	10.72	104	451656	48.96	ug/l	99
71) Bromoform	10.87	173	132661	46.95	ug/l	99
73) Isopropylbenzene	11.02	105	737070	49.03	ug/l	99
74) N-amyl acetate	6.48	43	331372	51.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	227215	53.39	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	244393	61.26	ug/l	88
77) Bromobenzene	11.26	156	209107	47.92	ug/l	98
78) n-propylbenzene	11.37	91	826520	47.89	ug/l	100
79) 2-Chlorotoluene	11.43	91	500363	49.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	630402	49.47	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	47830	37.65	ug/l	95
82) 4-Chlorotoluene	11.52	91	589314	47.83	ug/l	100
83) tert-Butylbenzene	11.77	119	622326	48.41	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	648938	49.49	ug/l	99
85) sec-Butylbenzene	11.95	105	751971	49.01	ug/l	100
86) p-Isopropyltoluene	12.07	119	682941	48.11	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	382167	46.78	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	391284	46.67	ug/l	99
89) n-Butylbenzene	12.40	91	582804	46.15	ug/l	99
90) Hexachloroethane	12.60	117	103937	51.68	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	385472	48.74	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53117	59.58	ug/l	94

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\
Quantitation Report (Not Reviewed)

Data File : VX001085.D
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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

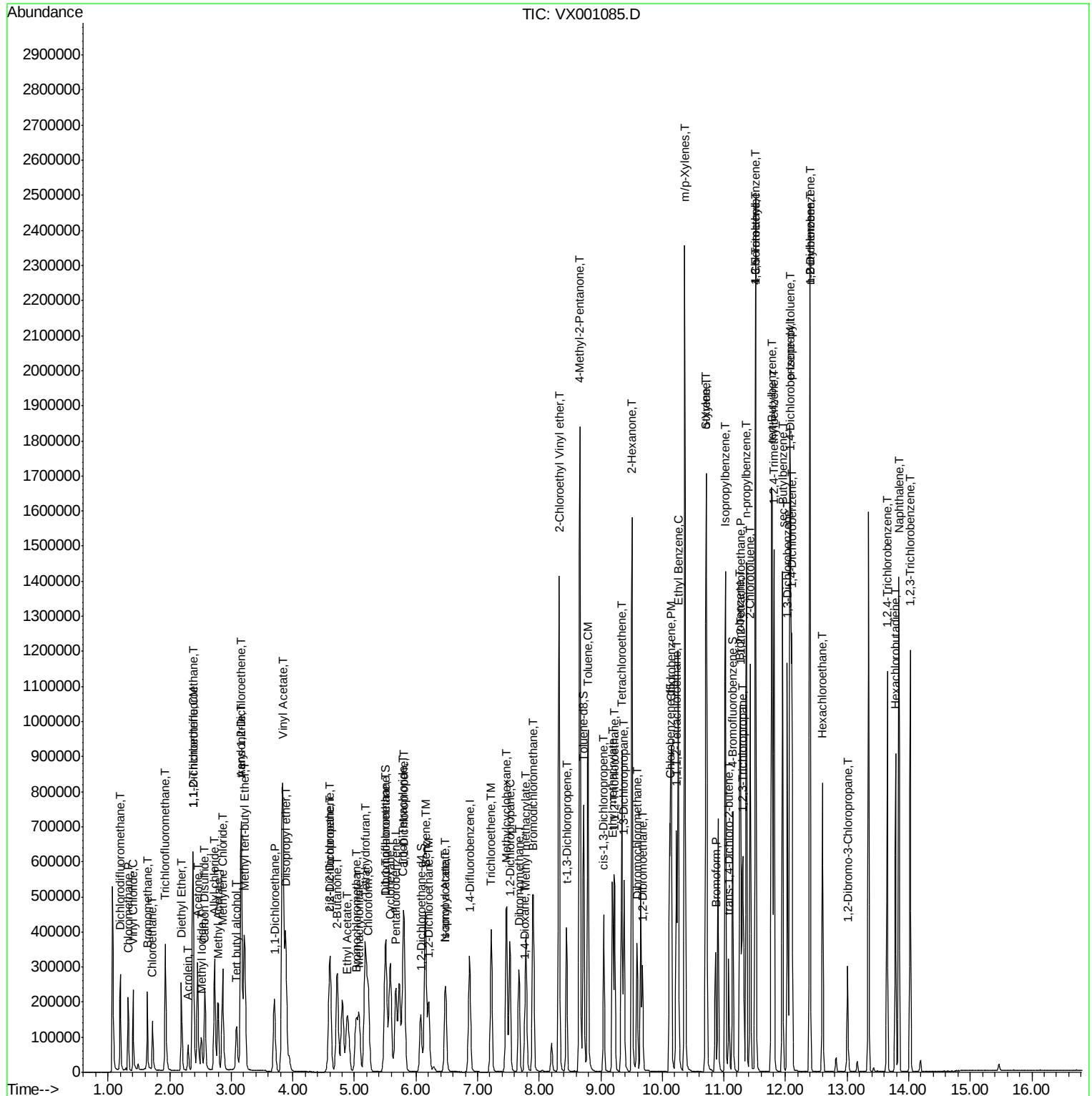
Quant Time: Apr 25 07:20:32 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

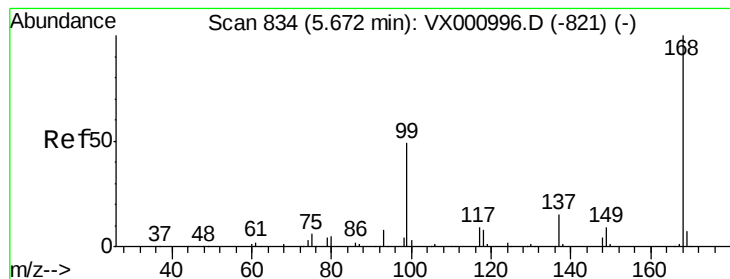
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	300299	45.24	ug/l	99
94) Hexachlorobutadiene	13.79	225	145382	48.40	ug/l	98
95) Naphthalene	13.84	128	857176	52.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302720	47.15	ug/l	99

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

ALS Vial : 11 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

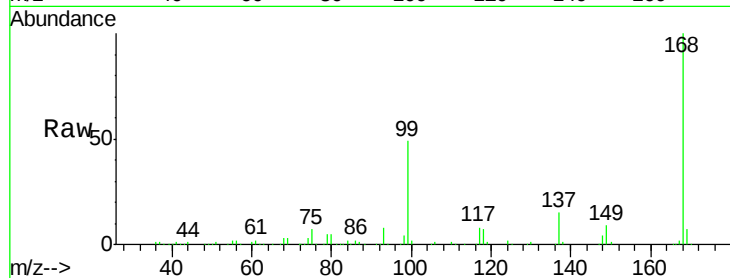
VSTDCCC050EC

Tgt Ion:168 Resp: 250246

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

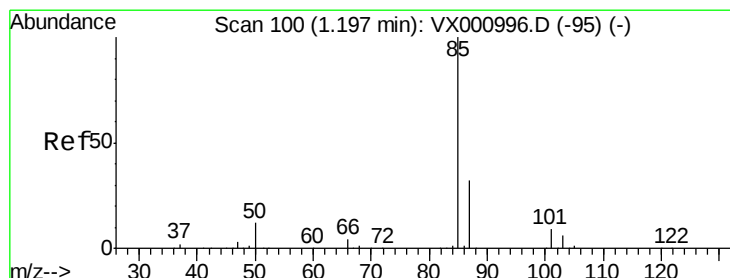
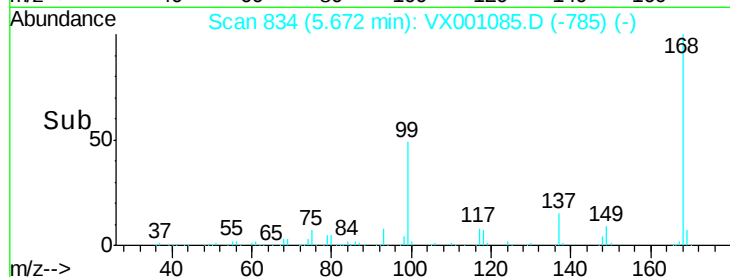
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.37 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001085.D

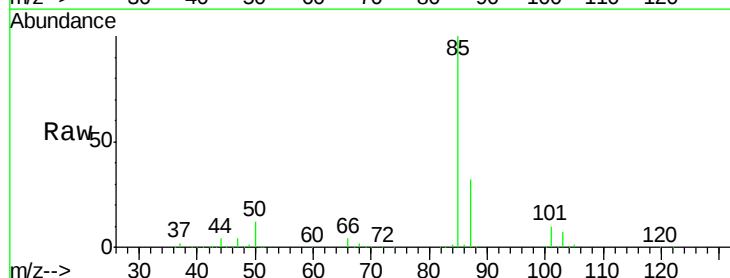
Acq: 24 Apr 2018 18:54

Tgt Ion: 85 Resp: 159428

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

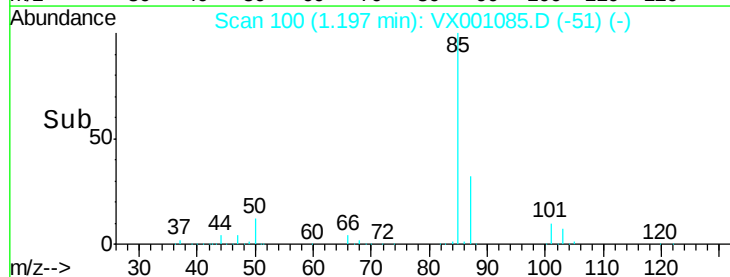
150000

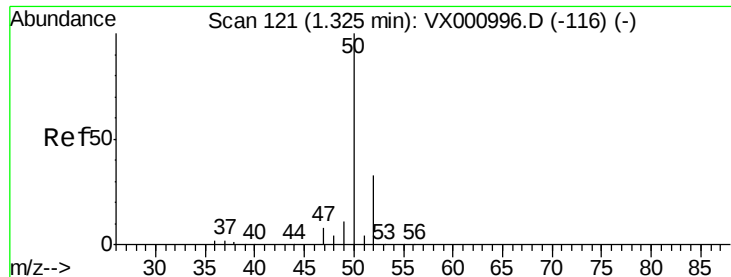
100000

50000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.65 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

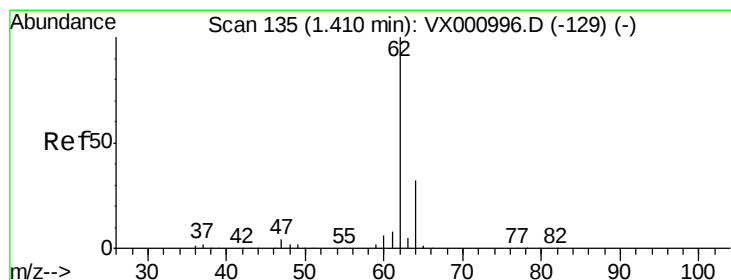
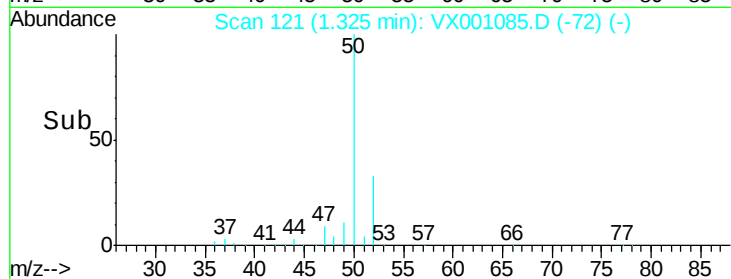
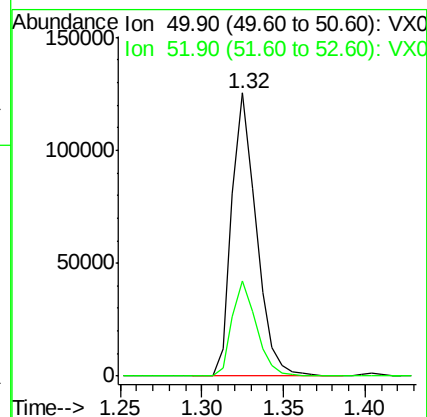
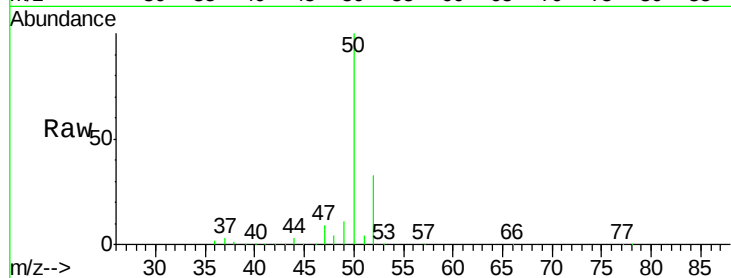
VSTDCCC050EC

Tgt Ion: 50 Resp: 131936

Ion Ratio Lower Upper

50 100

52 33.5 26.3 39.5



#4

Vinyl Chloride

Concen: 49.23 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001085.D

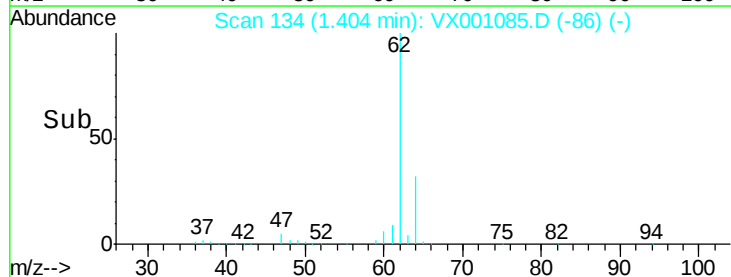
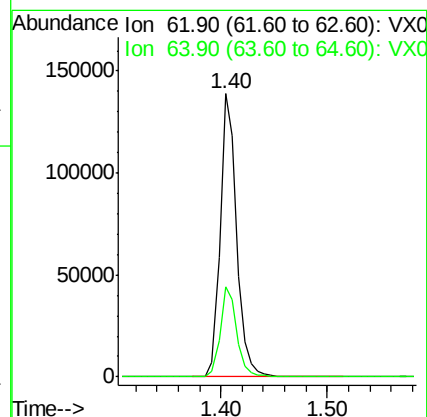
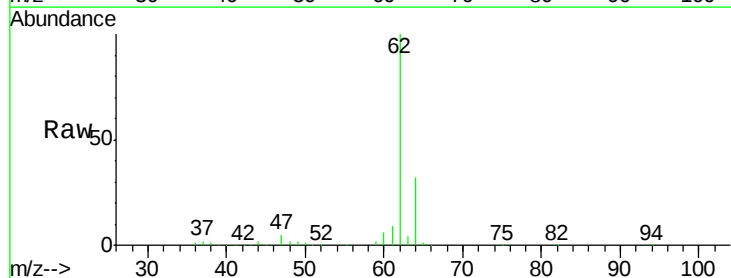
Acq: 24 Apr 2018 18:54

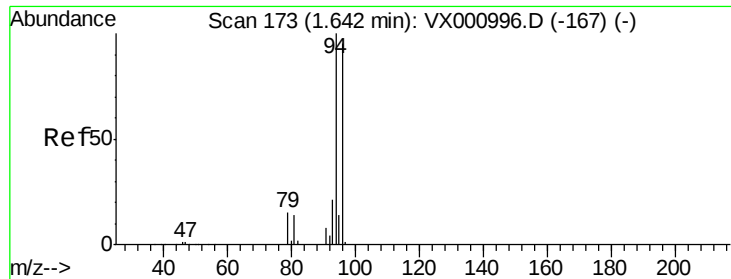
Tgt Ion: 62 Resp: 147452

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 46.84 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

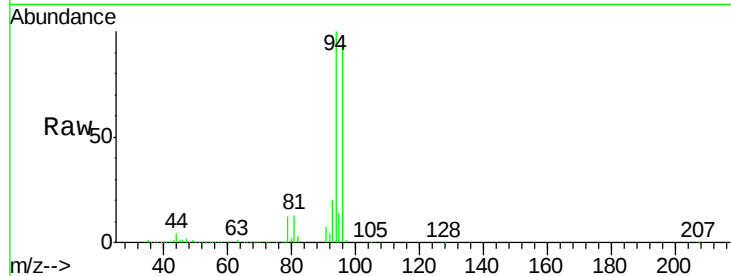
VSTDCCC050EC

Tgt Ion: 94 Resp: 81419

Ion Ratio Lower Upper

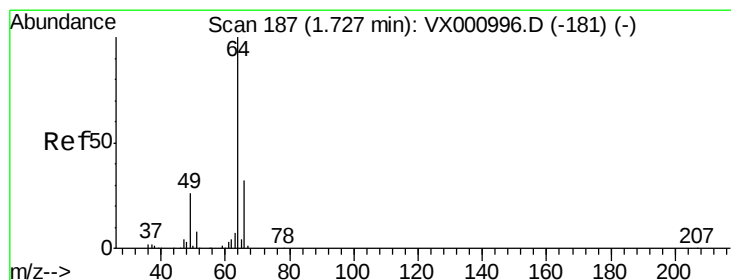
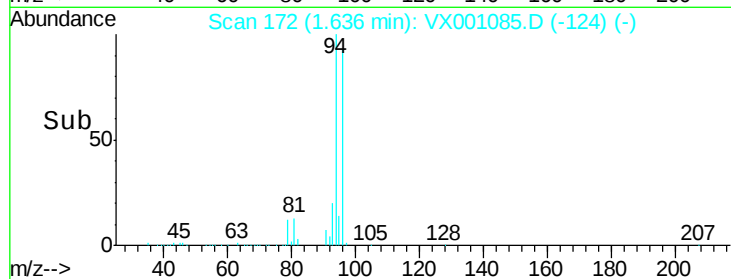
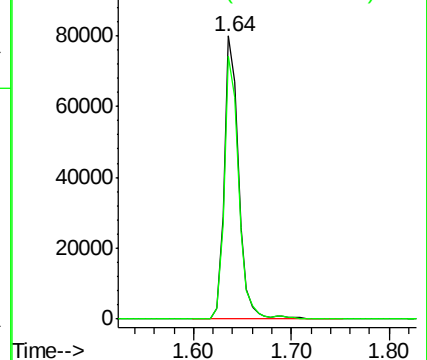
94 100

96 92.7 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.30 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001085.D

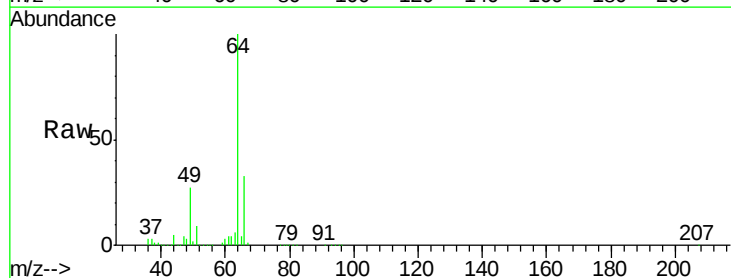
Acq: 24 Apr 2018 18:54

Tgt Ion: 64 Resp: 89525

Ion Ratio Lower Upper

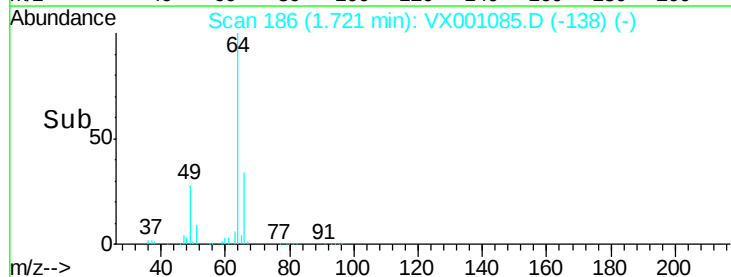
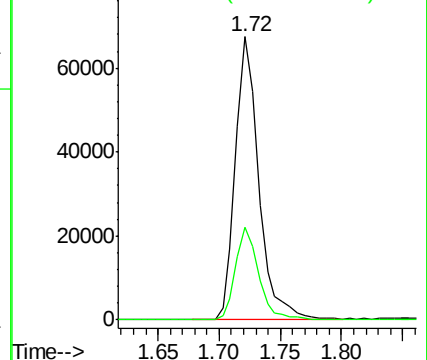
64 100

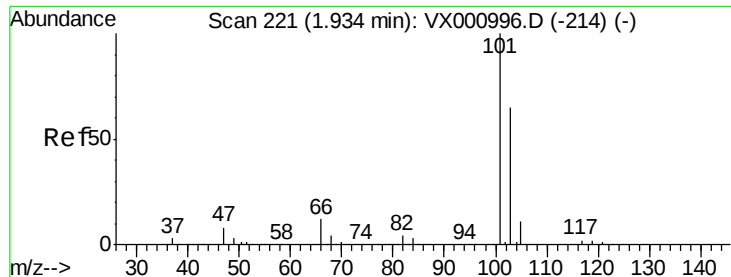
66 32.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 51.34 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX001085.D

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ClientSampleId :

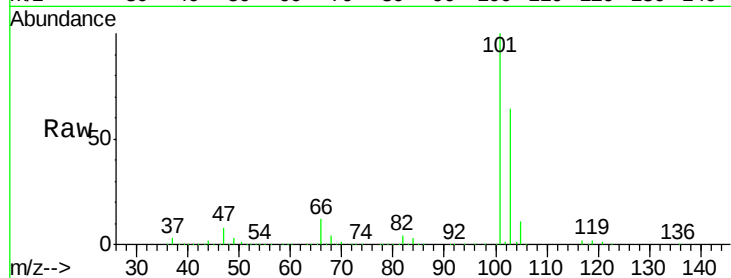
VSTDCCC050EC

Tgt Ion:101 Resp: 231052

Ion Ratio Lower Upper

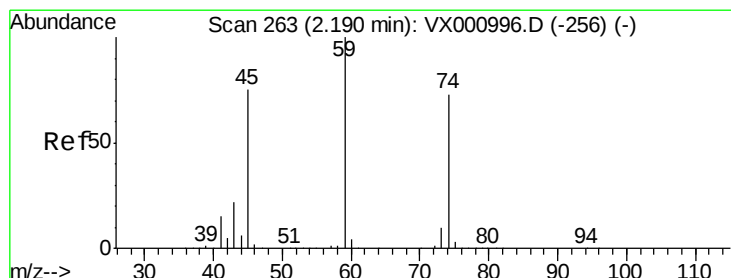
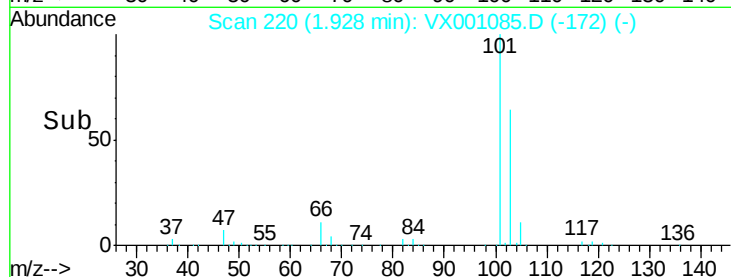
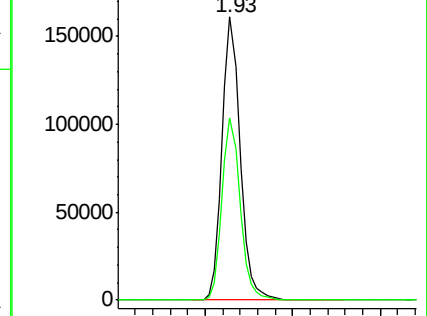
101 100

103 64.3 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.94 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001085.D

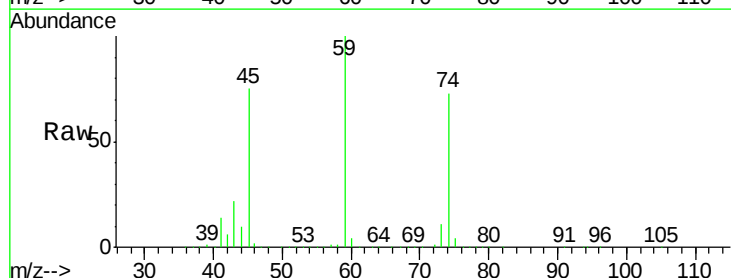
Acq: 24 Apr 2018 18:54

Tgt Ion: 74 Resp: 84671

Ion Ratio Lower Upper

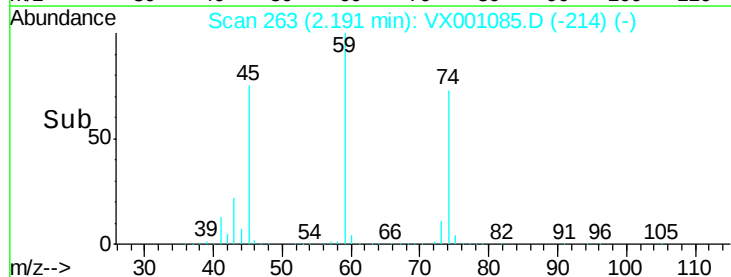
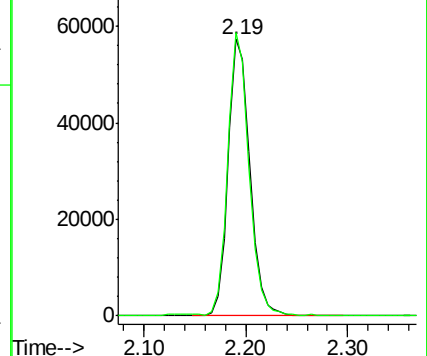
74 100

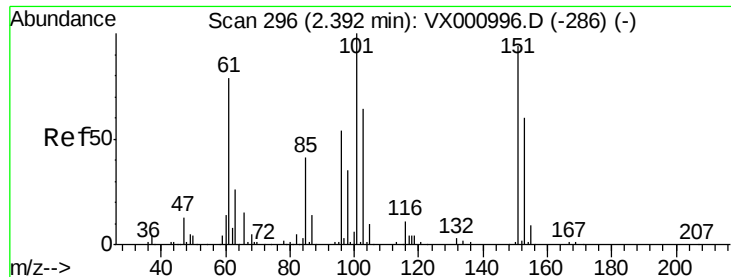
45 99.5 49.0 147.0



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: 48.89 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

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VSTDCCC050EC

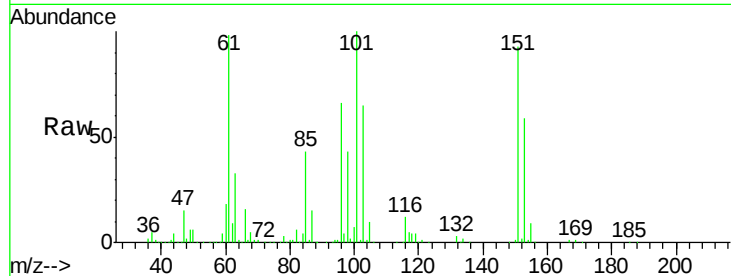
Tgt Ion:101 Resp: 128904

Ion Ratio Lower Upper

101 100

85 43.4 33.9 50.9

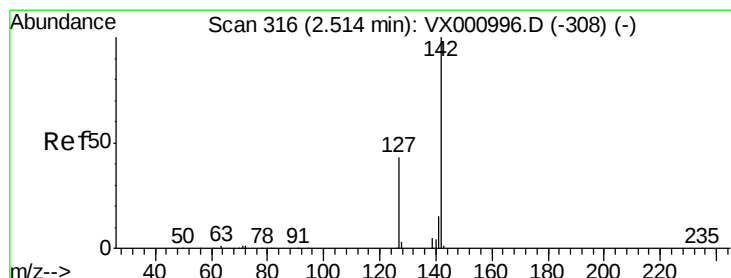
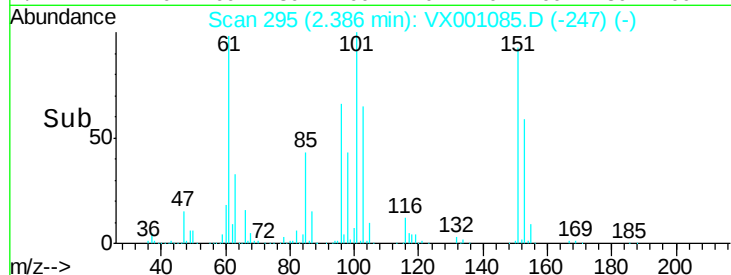
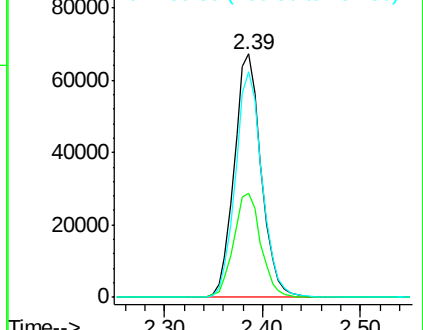
151 91.7 73.5 110.3



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: 39.34 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

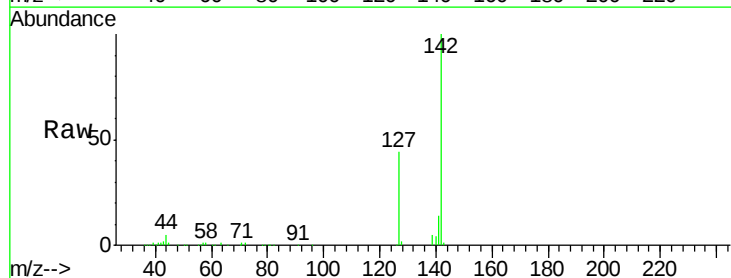
Tgt Ion:142 Resp: 97398

Ion Ratio Lower Upper

142 100

127 44.0 34.0 51.0

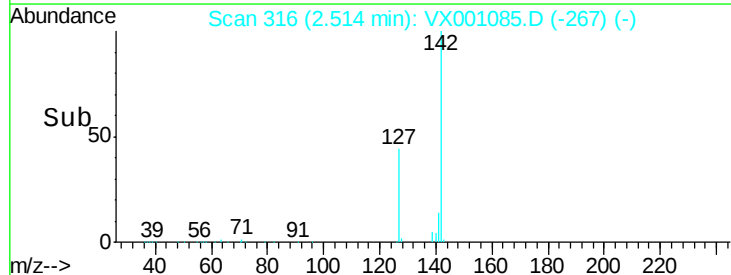
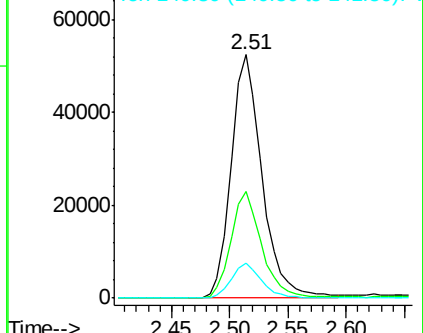
141 14.2 11.4 17.2

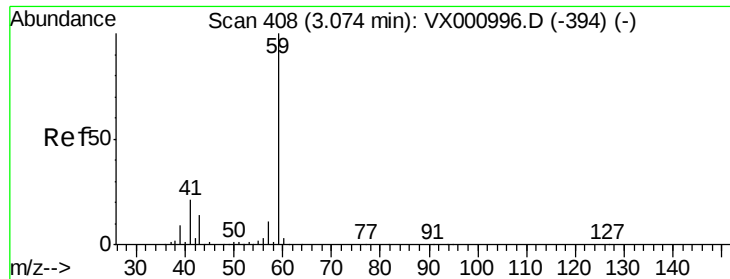


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

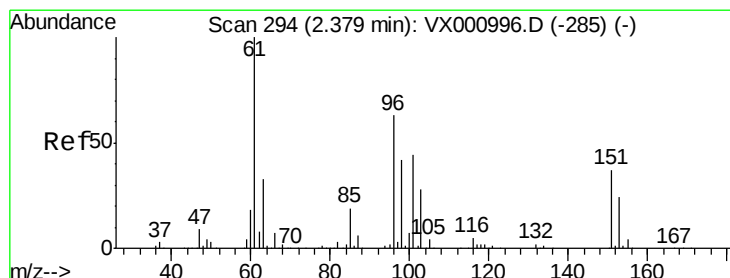
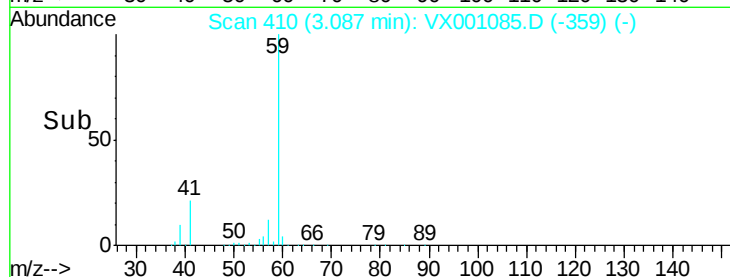
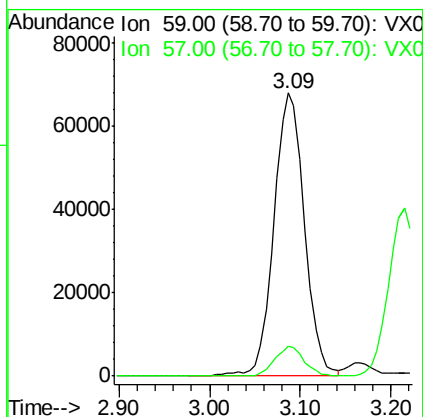
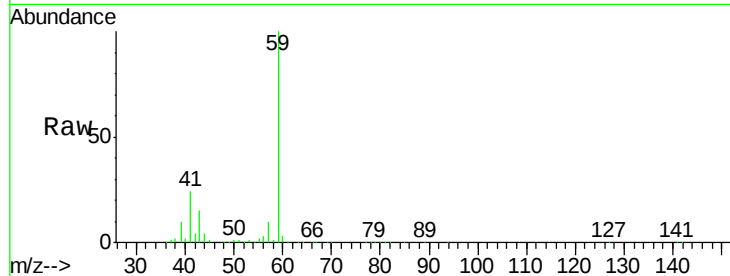




#11
Tert butyl alcohol
Concen: 330.64 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

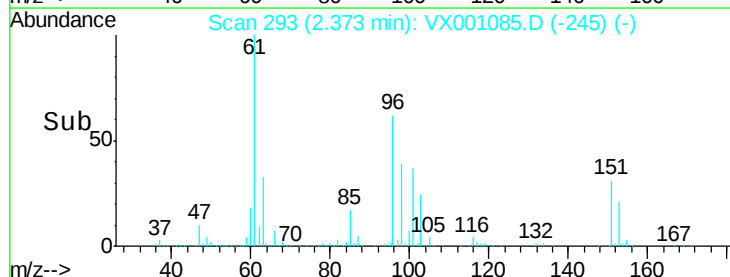
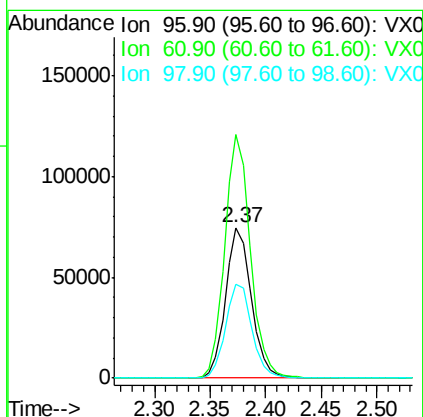
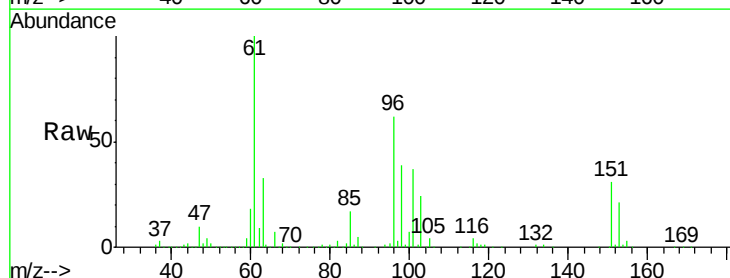
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

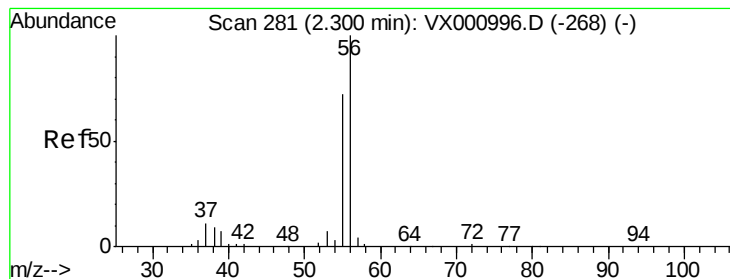
Tgt Ion: 59 Resp: 158182
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.26 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion: 96 Resp: 120098
Ion Ratio Lower Upper
96 100
61 161.8 126.4 189.6
98 62.4 52.6 78.8





#13

Acrolein

Concen: 349.27 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

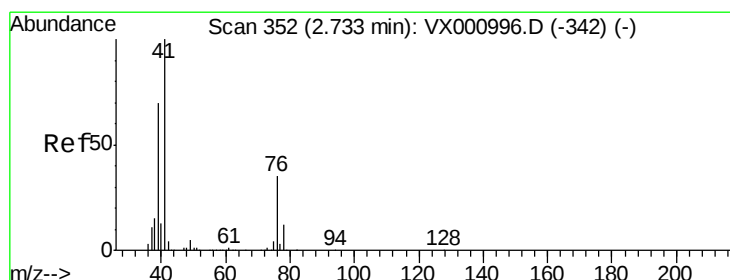
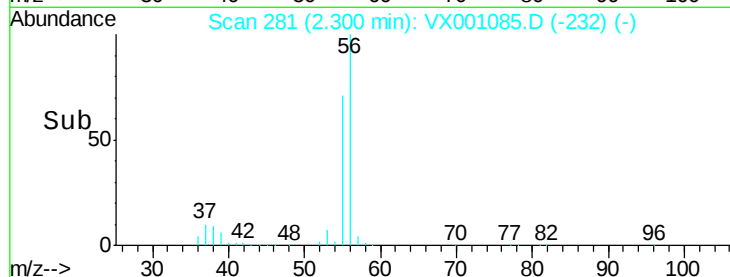
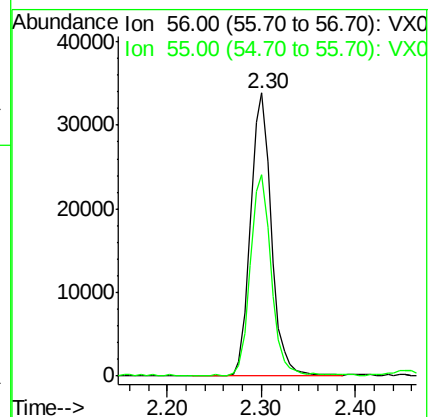
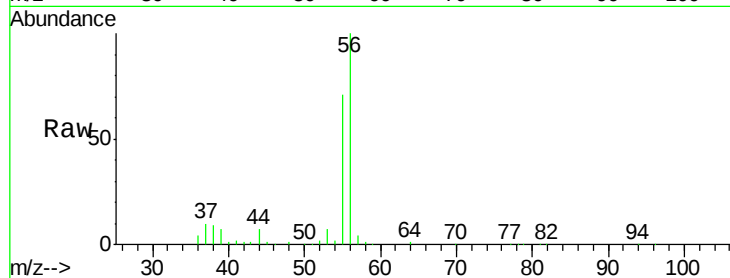
VSTDCCC050EC

Tgt Ion: 56 Resp: 52733

Ion Ratio Lower Upper

56 100

55 70.3 57.4 86.2



#14

Allyl chloride

Concen: 48.43 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

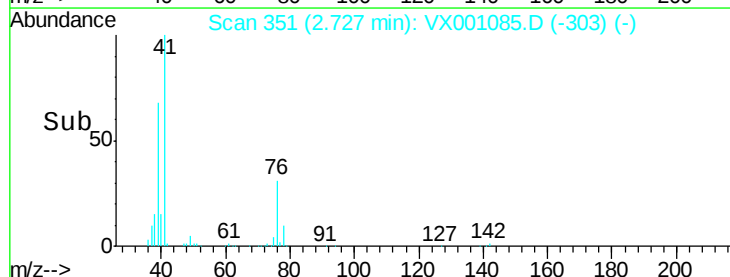
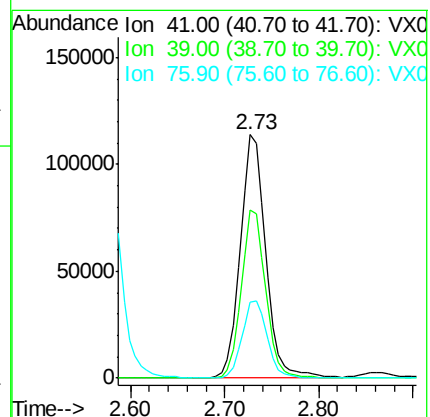
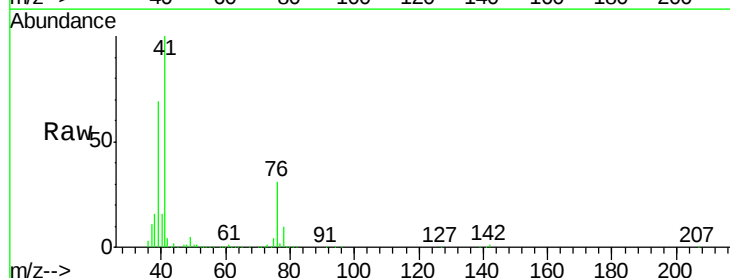
Tgt Ion: 41 Resp: 213716

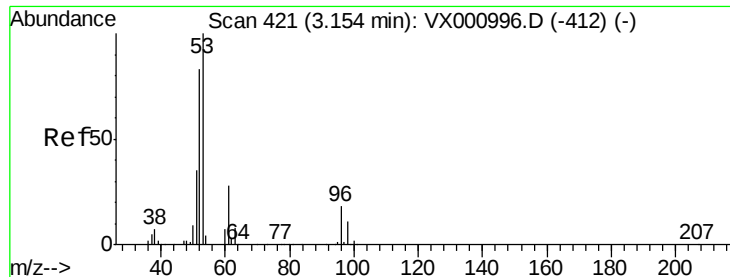
Ion Ratio Lower Upper

41 100

39 65.7 53.0 79.6

76 31.2 25.9 38.9





#15

Acrylonitrile

Concen: 273.60 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

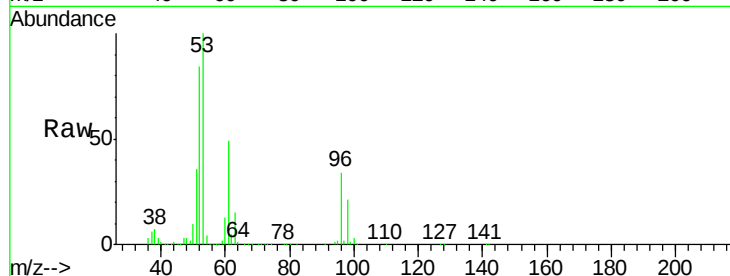
Tgt Ion: 53 Resp: 354238

Ion Ratio Lower Upper

53 100

52 84.0 66.4 99.6

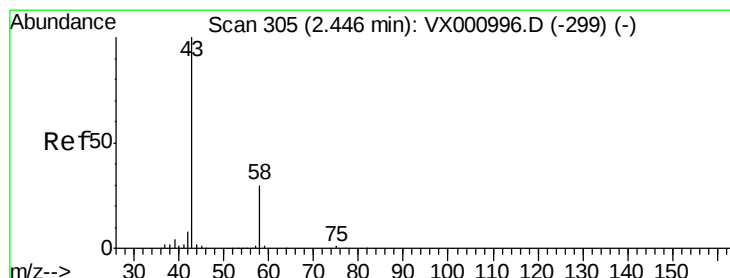
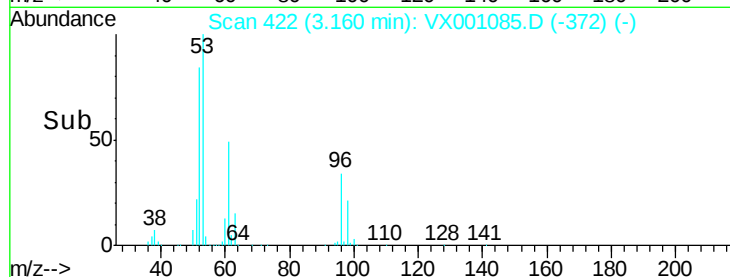
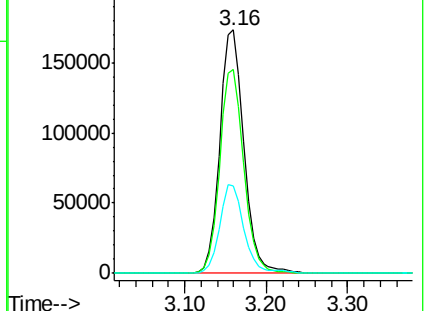
51 36.9 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 267.33 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001085.D

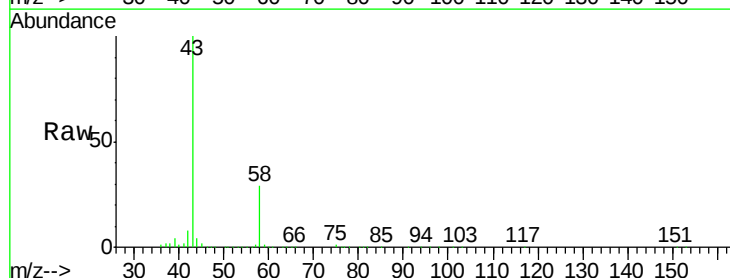
Acq: 24 Apr 2018 18:54

Tgt Ion: 43 Resp: 319323

Ion Ratio Lower Upper

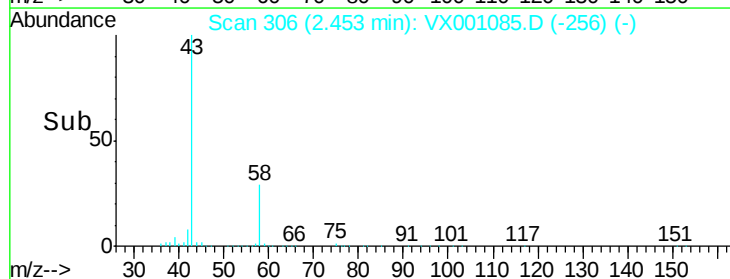
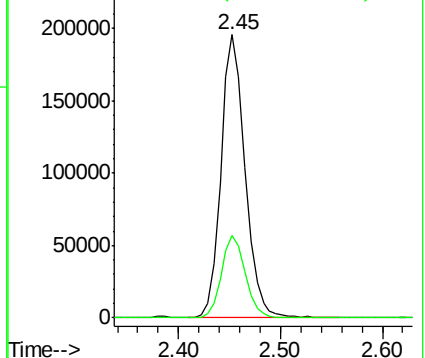
43 100

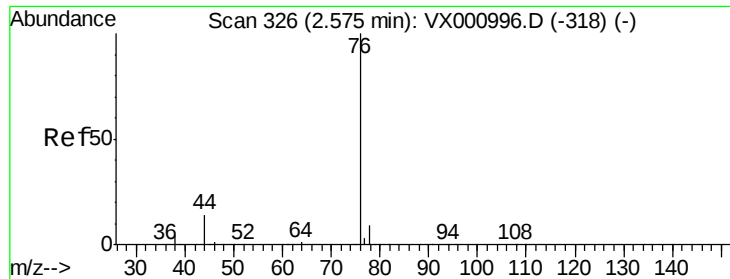
58 29.3 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

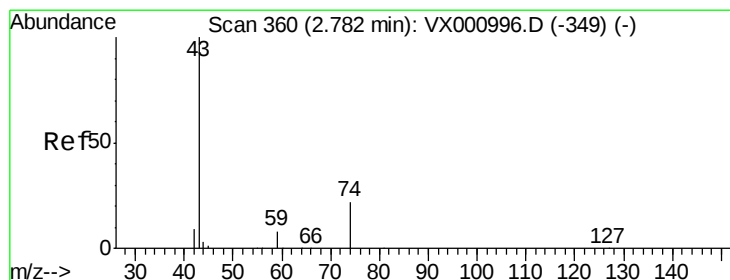
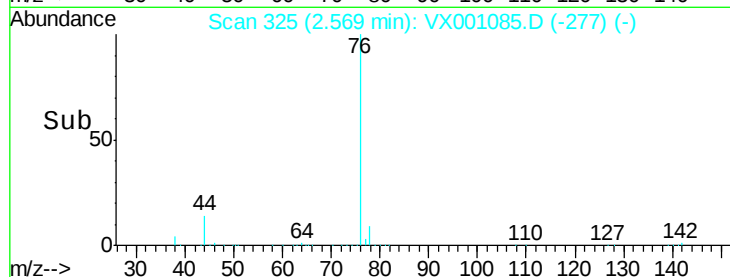
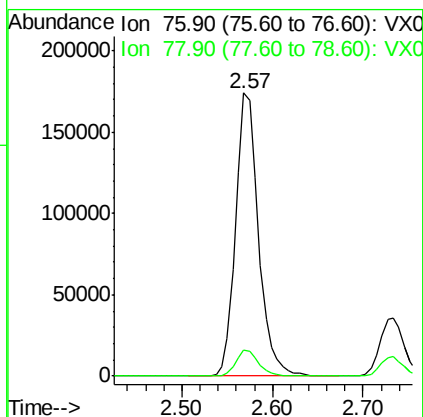
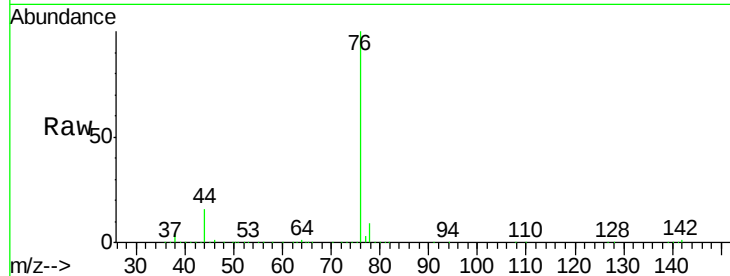




#17
Carbon Disulfide
Concen: 43.96 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

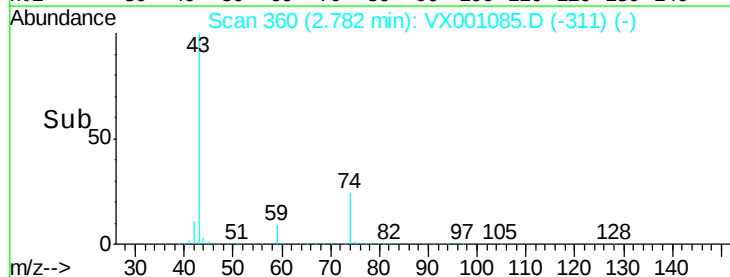
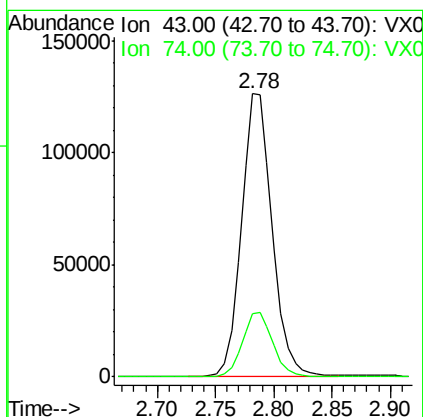
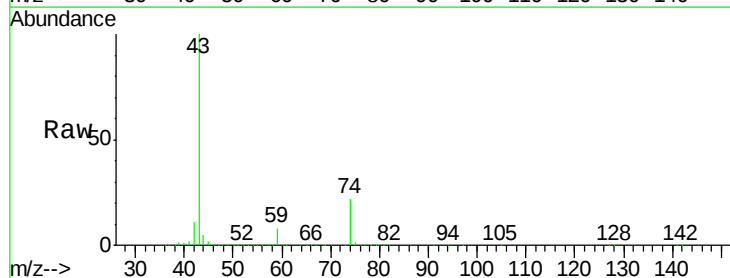
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

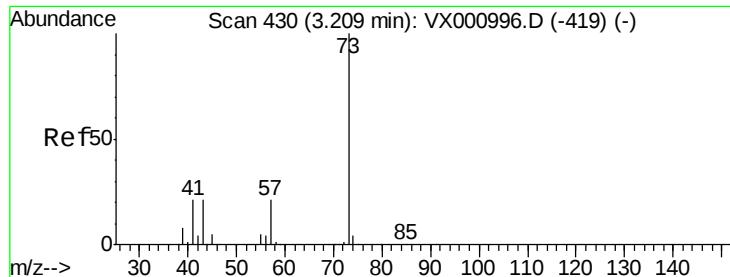
Tgt Ion: 76 Resp: 305468
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 63.56 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion: 43 Resp: 229752
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 52.54 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

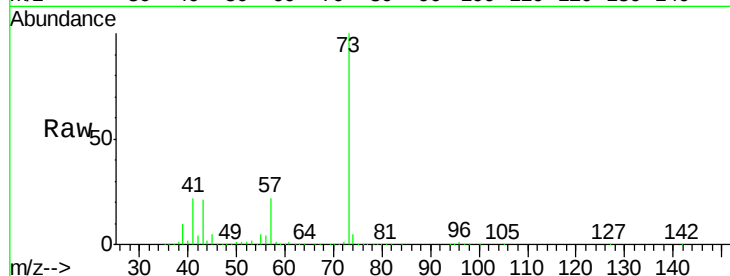
VSTDCCC050EC

Tgt Ion: 73 Resp: 430627

Ion Ratio Lower Upper

73 100

57 22.1 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

150000

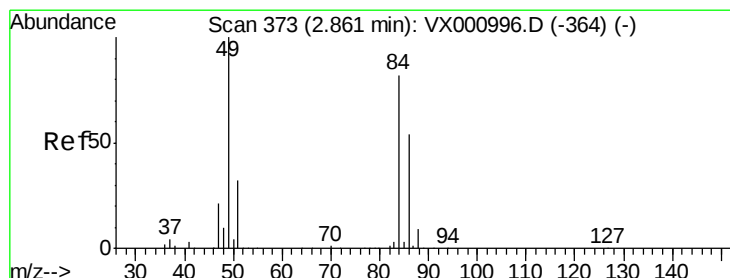
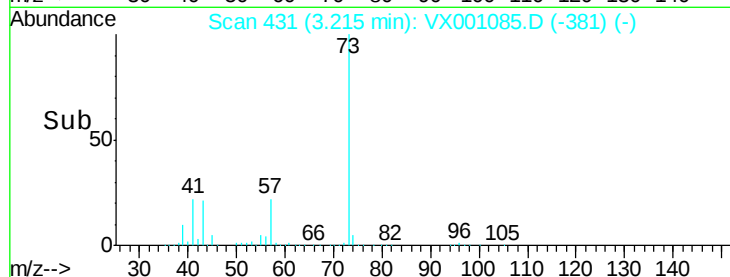
100000

50000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 54.10 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion: 84 Resp: 135887

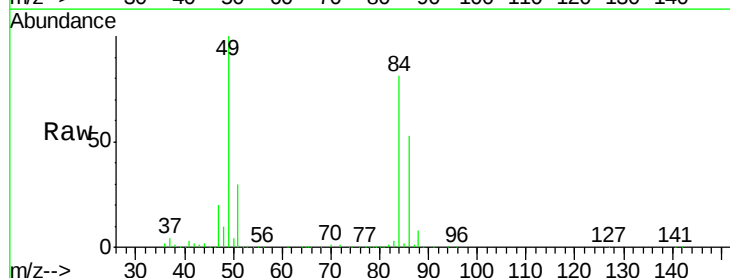
Ion Ratio Lower Upper

84 100

49 123.2 97.1 145.7

51 36.8 30.8 46.2

86 65.3 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

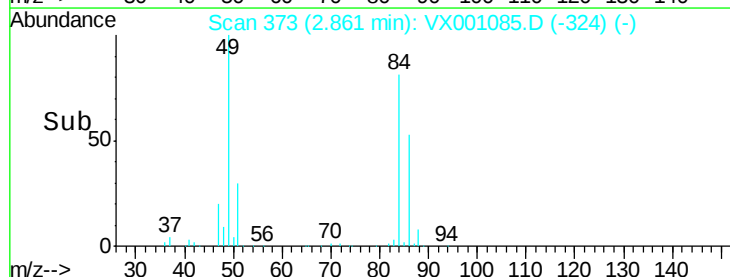
100000

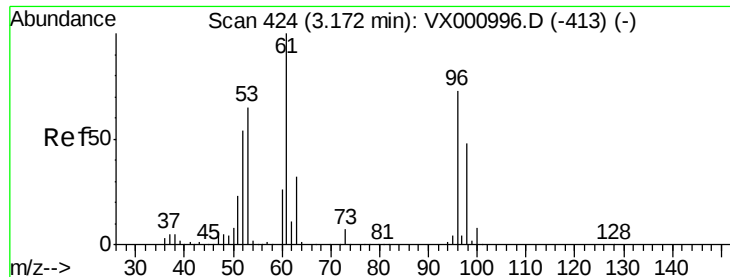
50000

0

2.80 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.84 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

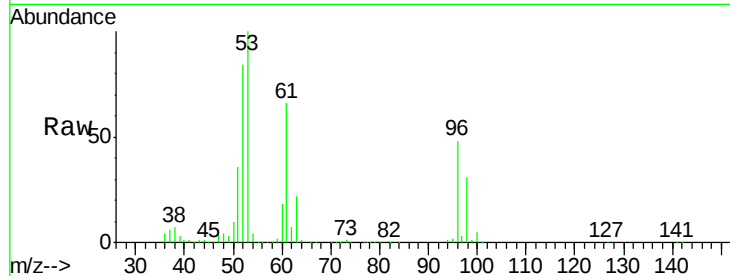
Tgt Ion: 96 Resp: 129844

Ion Ratio Lower Upper

96 100

61 138.5 109.4 164.2

98 65.7 52.6 78.8

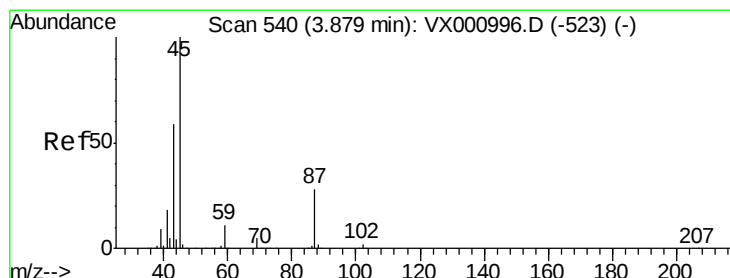
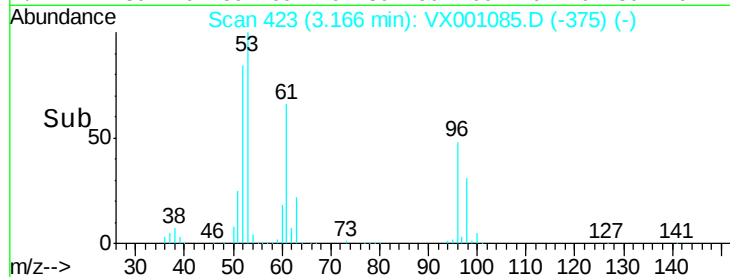
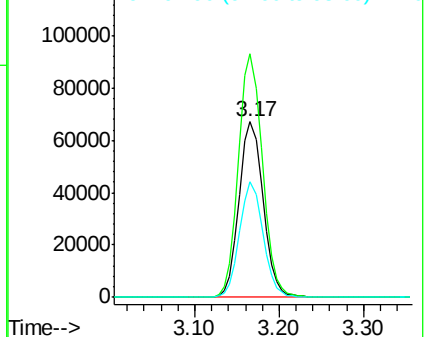


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.27 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion: 45 Resp: 437904

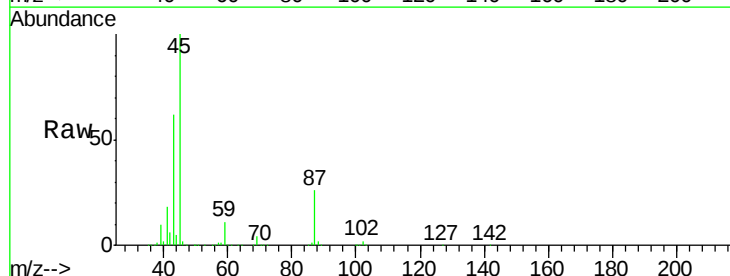
Ion Ratio Lower Upper

45 100

43 61.5 47.0 70.4

87 26.1 22.5 33.7

59 11.4 8.8 13.2



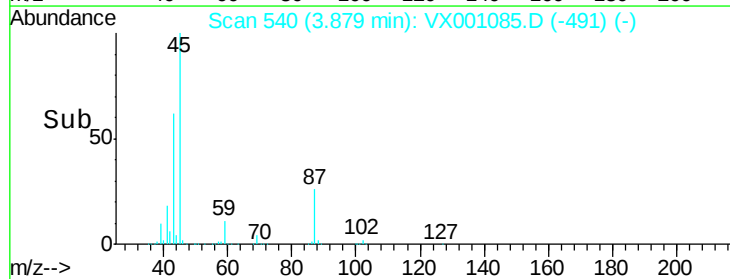
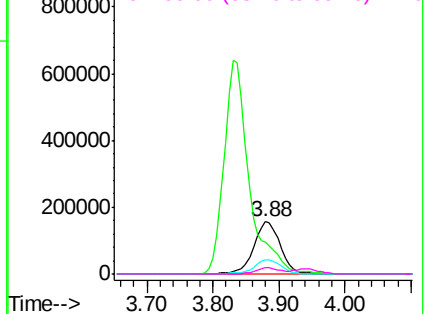
Abundance

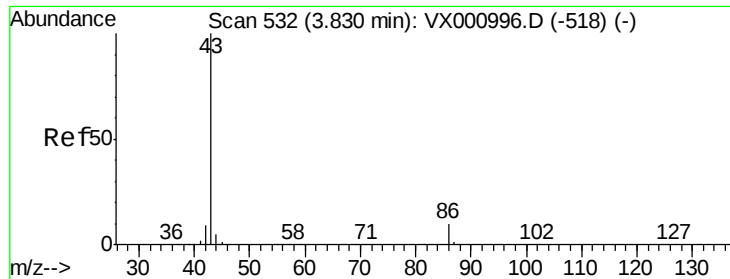
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 240.55 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

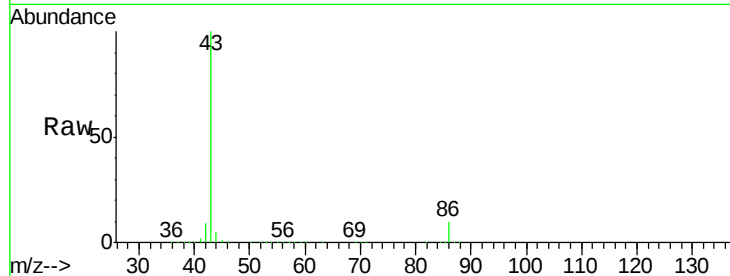
VSTDCCC050EC

Tgt Ion: 43 Resp: 1701068

Ion Ratio Lower Upper

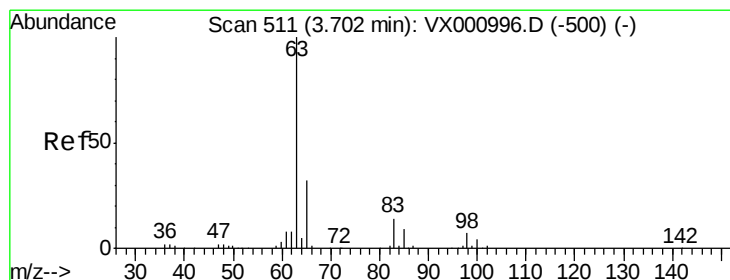
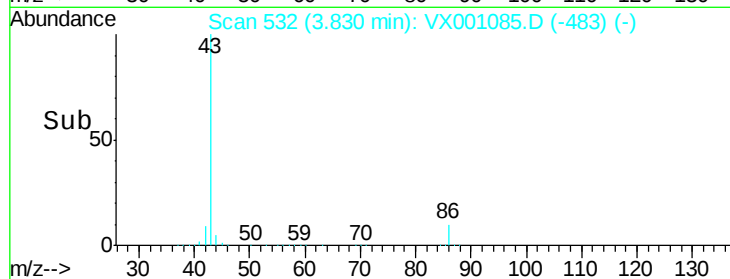
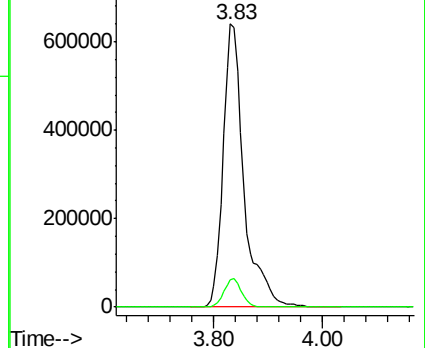
43 100

86 9.7 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.12 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

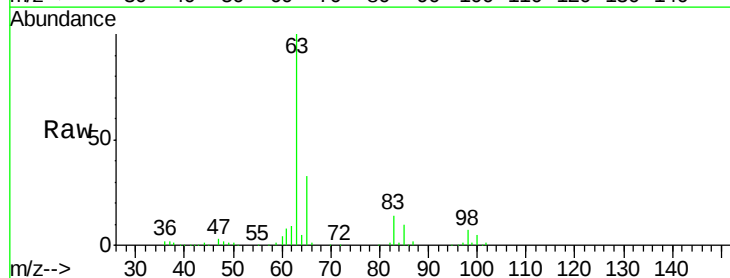
Tgt Ion: 63 Resp: 235343

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

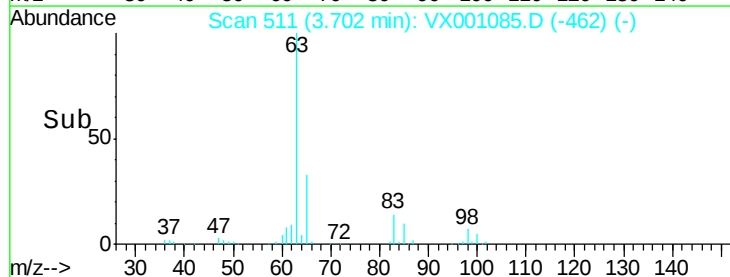
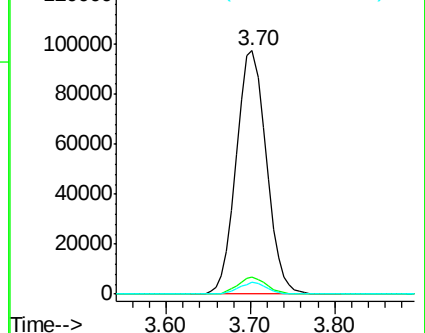
100 4.7 2.1 6.3

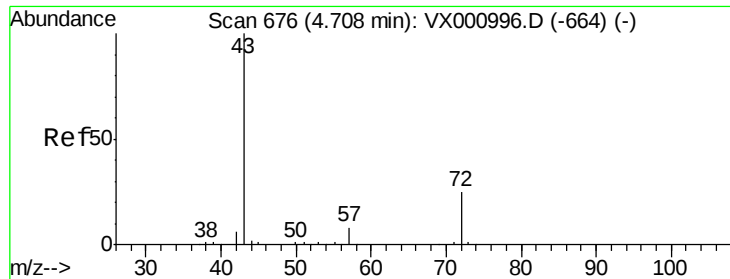


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 271.91 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

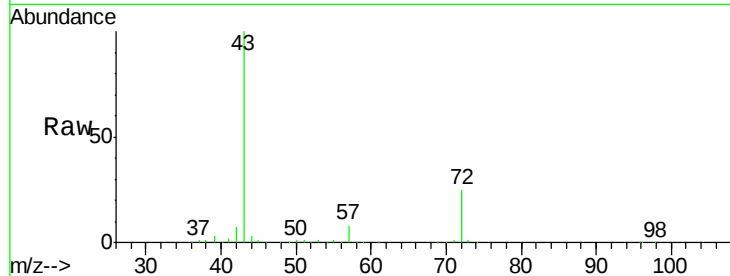
VSTDCCC050EC

Tgt Ion: 43 Resp: 507035

Ion Ratio Lower Upper

43 100

72 24.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

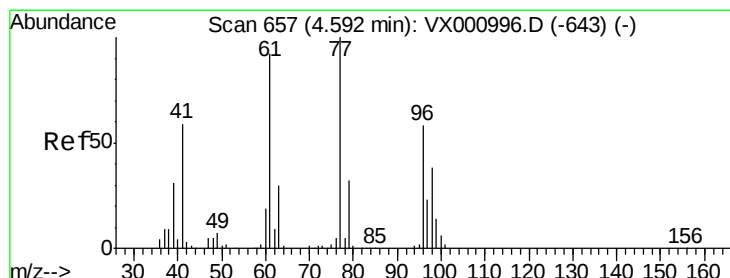
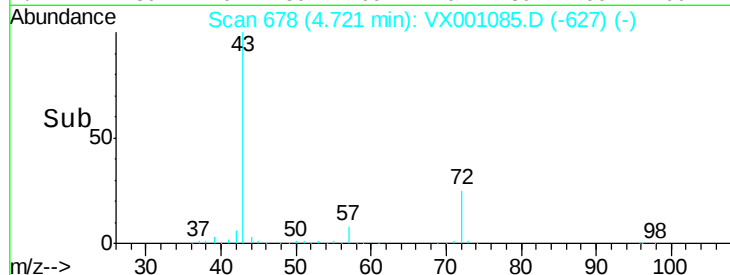
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 26.98 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001085.D

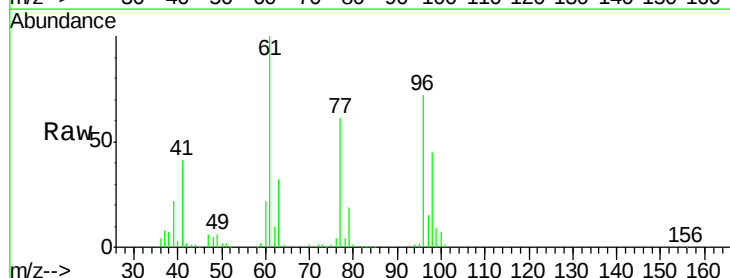
Acq: 24 Apr 2018 18:54

Tgt Ion: 77 Resp: 111192

Ion Ratio Lower Upper

77 100

97 25.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

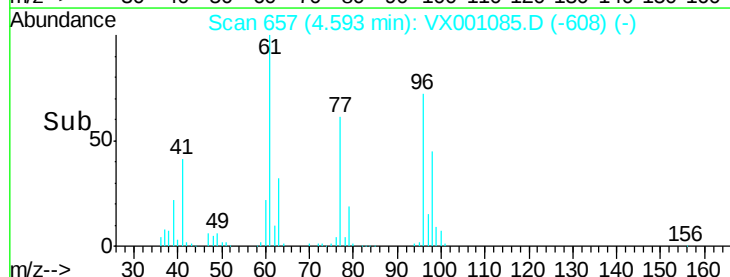
20000

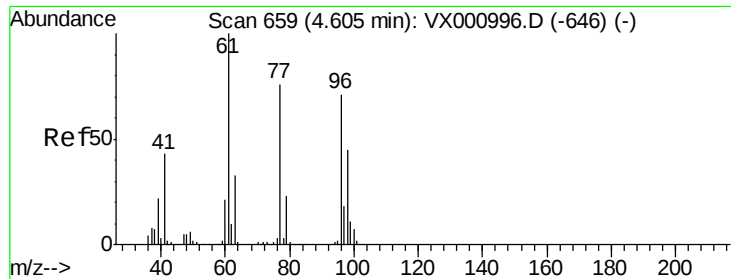
10000

0

4.40 4.50 4.60 4.70

Time-->



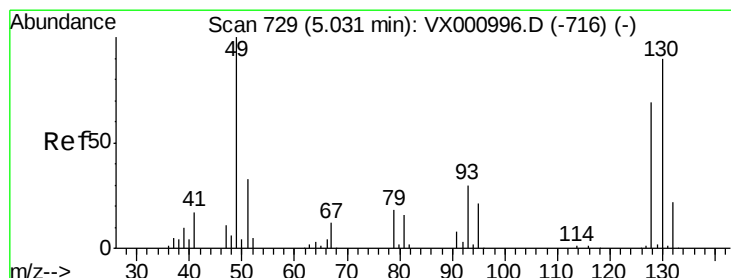
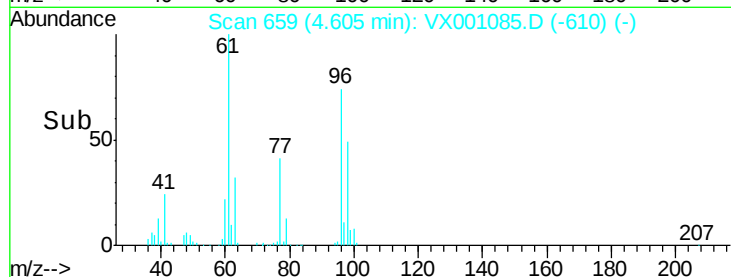
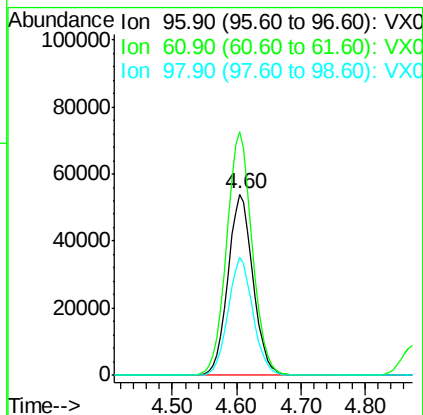
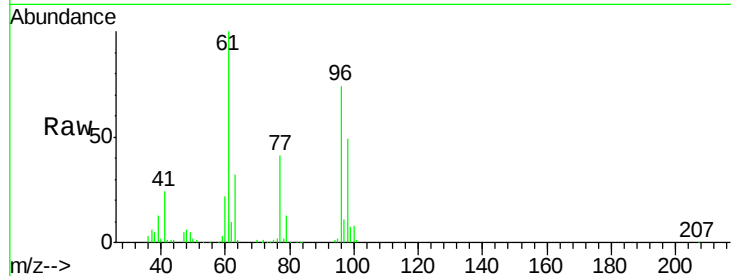


#27

cis-1,2-Dichloroethene
 Concen: 48.64 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

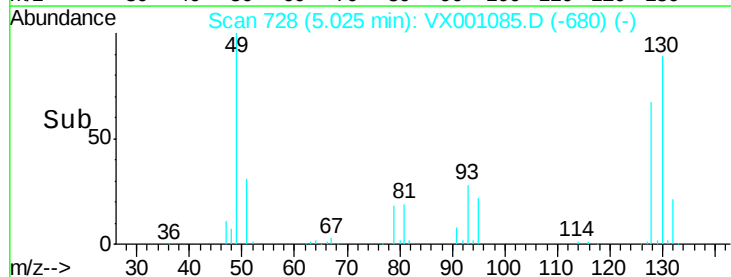
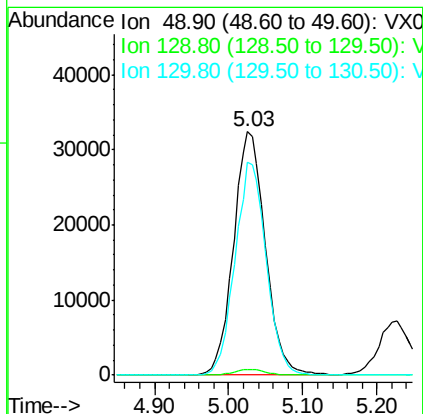
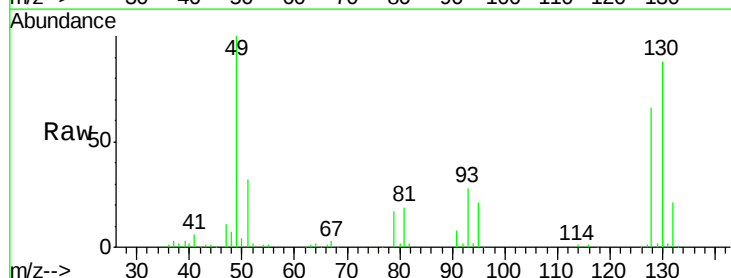
Tgt Ion: 96 Resp: 147068
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 297.0
 98 64.4 0.0 130.0

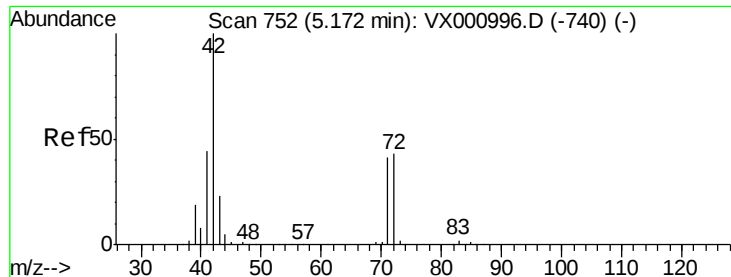


#28

Bromochloromethane
 Concen: 52.74 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion: 49 Resp: 97169
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 85.5 70.6 105.8

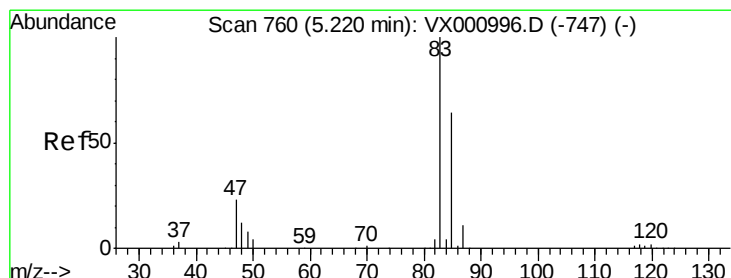
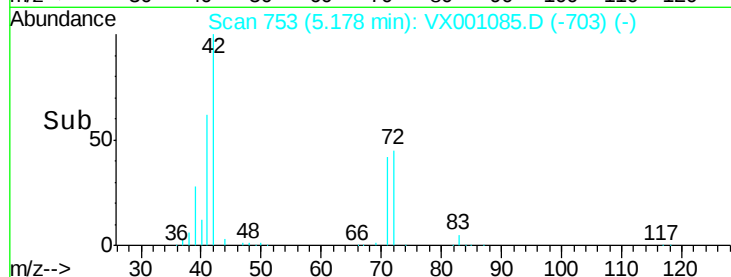
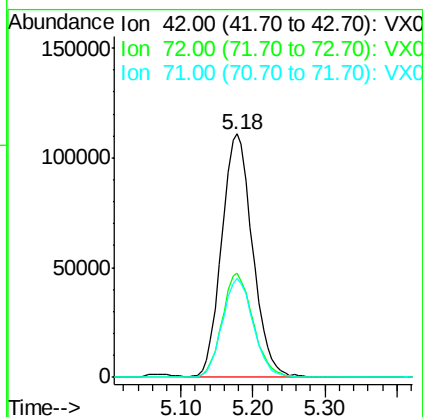
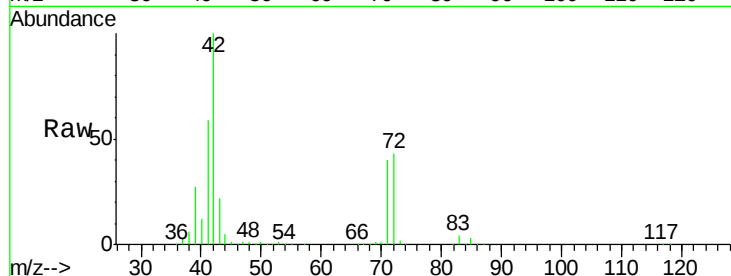




#29
Tetrahydrofuran
Concen: 279.98 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

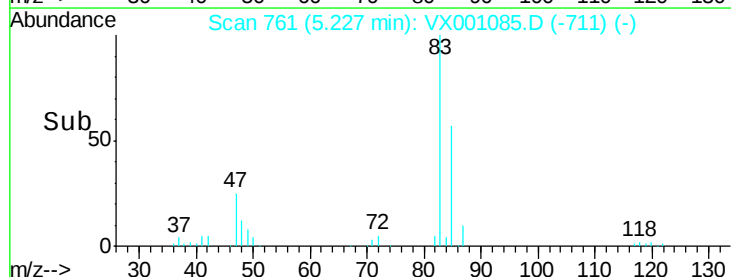
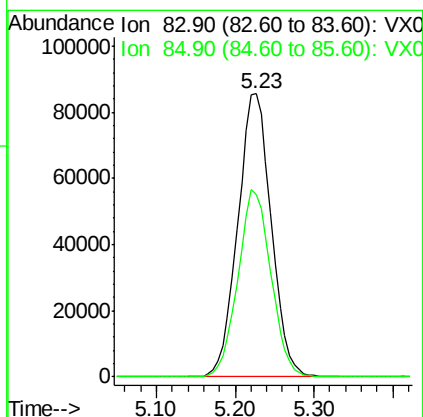
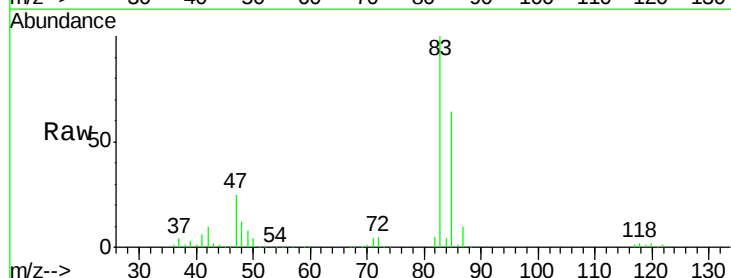
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

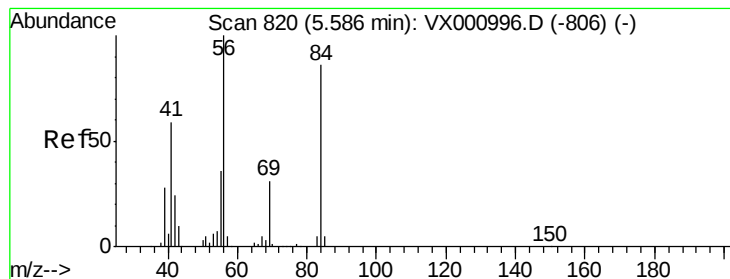
Tgt Ion: 42 Resp: 329913
Ion Ratio Lower Upper
42 100
72 43.0 34.6 52.0
71 40.6 32.6 49.0



#30
Chloroform
Concen: 50.90 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion: 83 Resp: 252581
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9





#31

Cyclohexane

Concen: 47.11 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

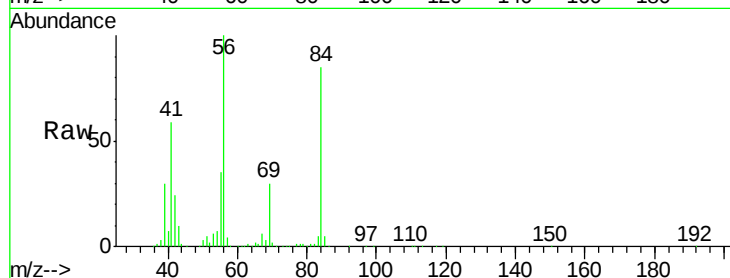
Tgt Ion: 56 Resp: 210677

Ion Ratio Lower Upper

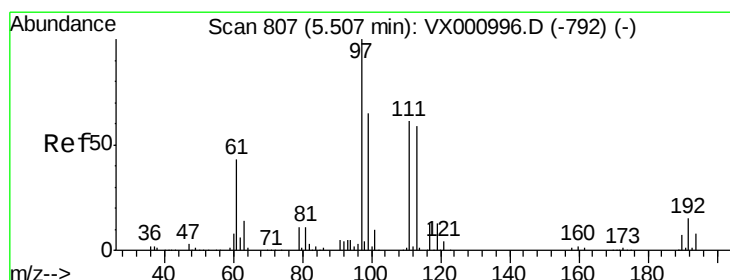
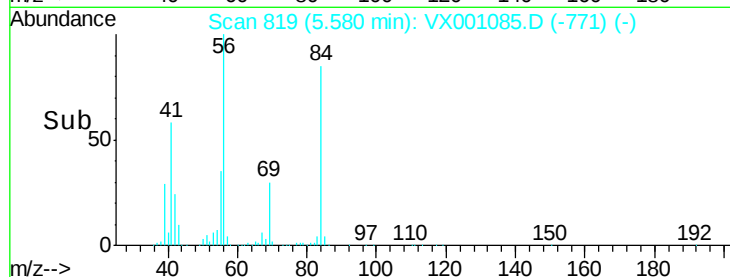
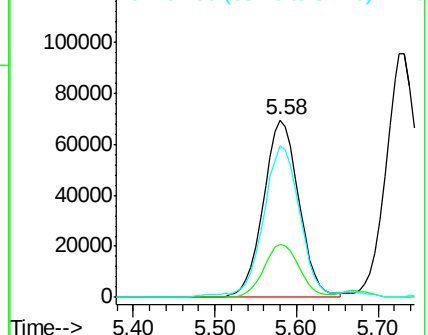
56 100

69 30.1 24.6 36.8

84 84.8 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.41 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

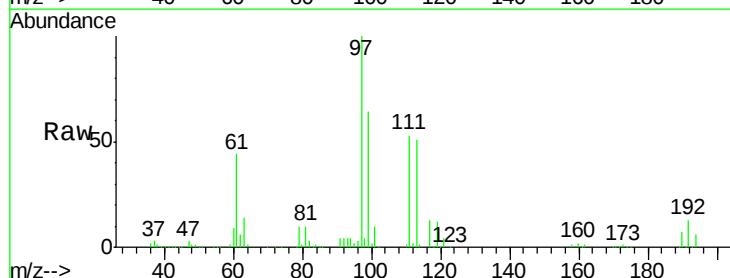
Tgt Ion: 97 Resp: 224278

Ion Ratio Lower Upper

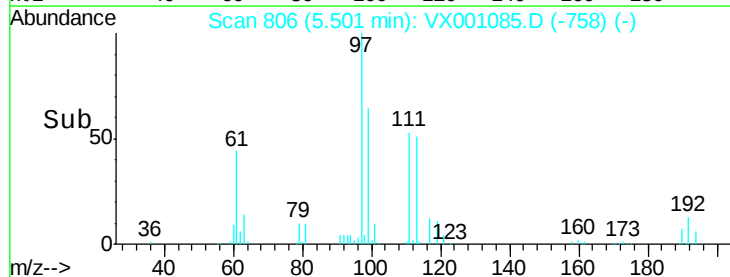
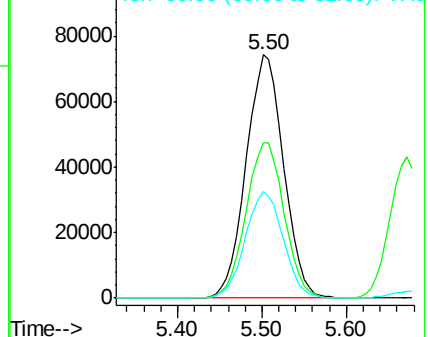
97 100

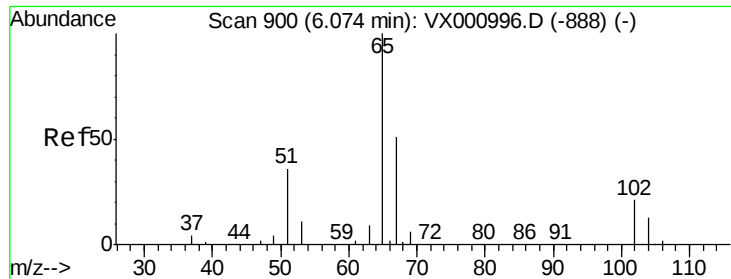
99 65.0 51.1 76.7

61 44.5 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.74 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

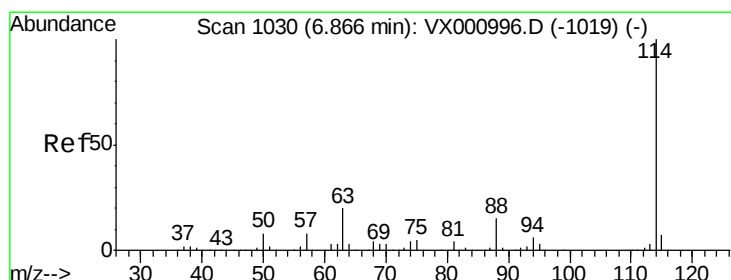
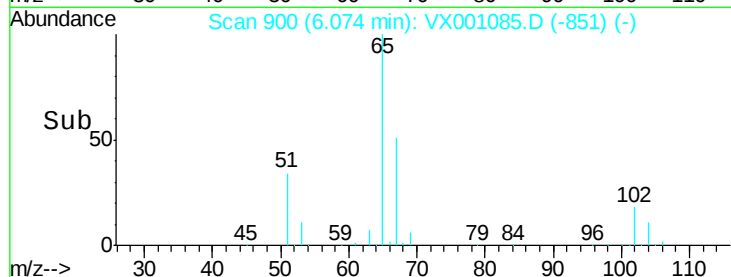
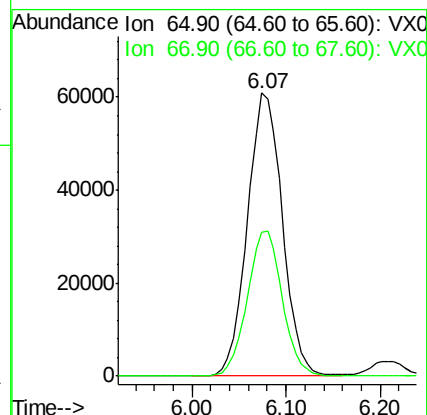
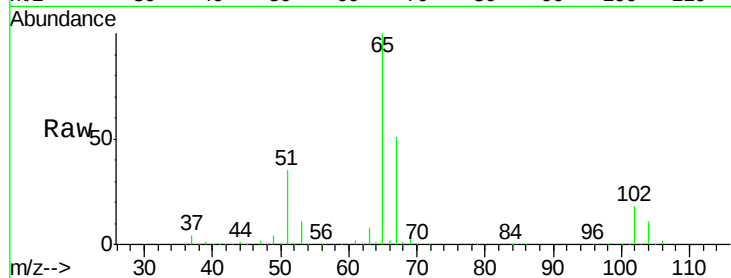
VSTDCCC050EC

Tgt Ion: 65 Resp: 157773

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

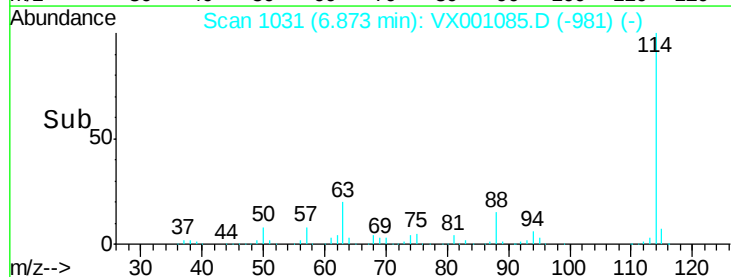
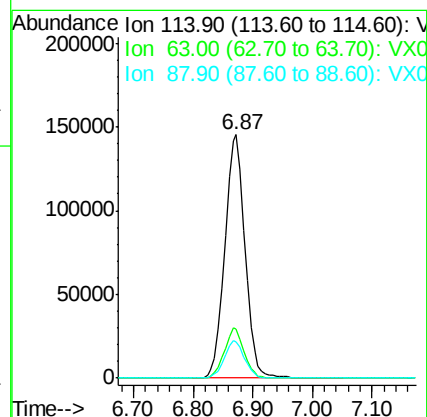
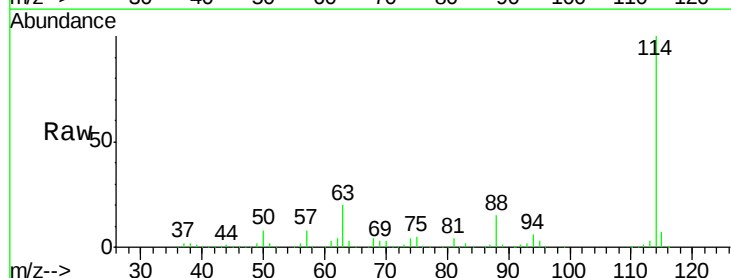
Tgt Ion: 114 Resp: 342622

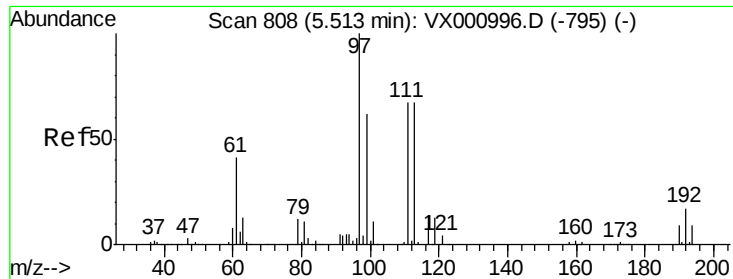
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

88 14.8 0.0 29.8

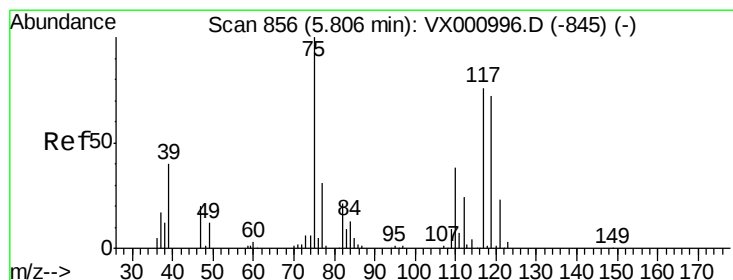
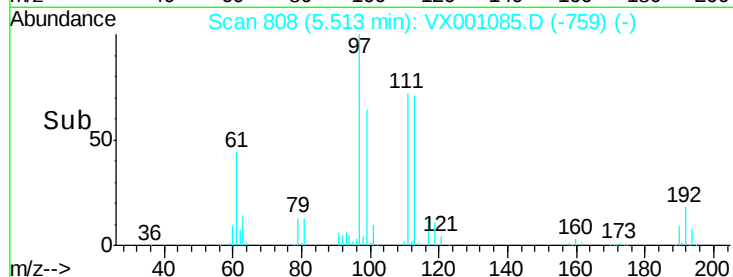
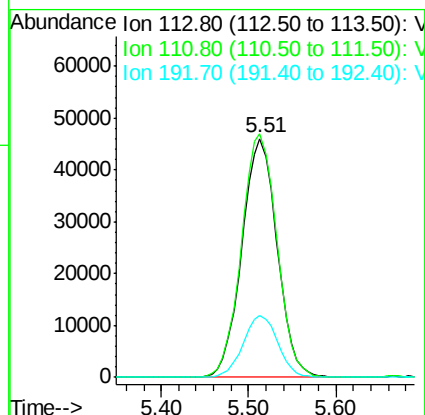
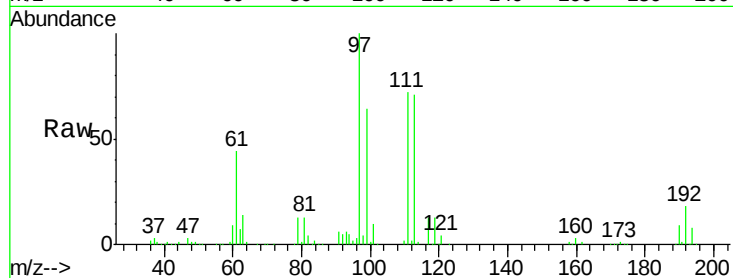




#35
 Dibromofluoromethane
 Concen: 49.40 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

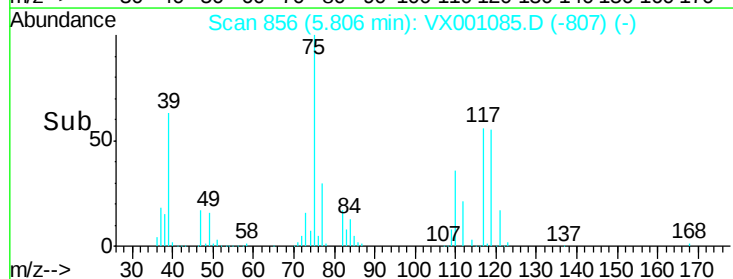
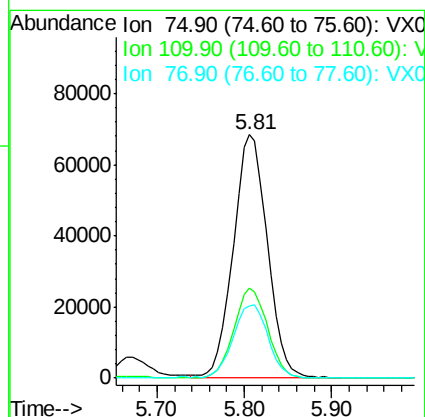
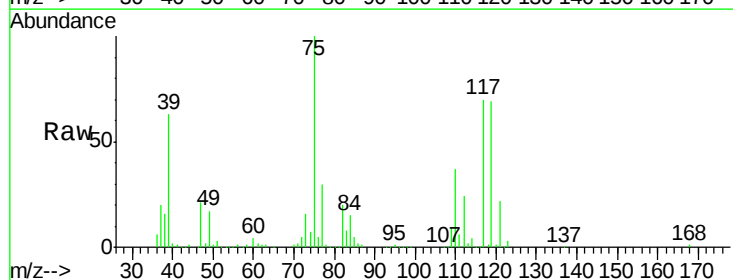
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

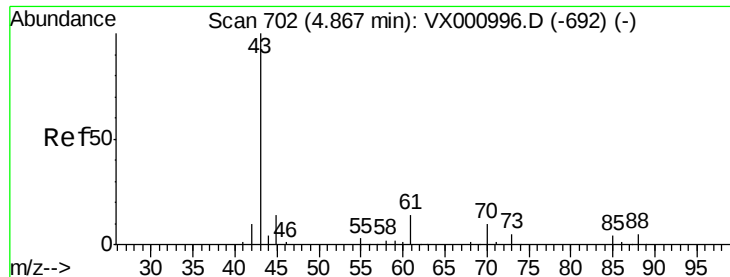
Tgt Ion:113 Resp: 129058
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.2
 192 25.7 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 45.87 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion: 75 Resp: 184705
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.7 56.1
 77 30.8 25.0 37.4

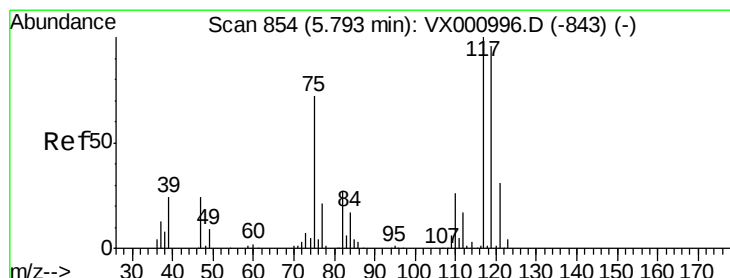
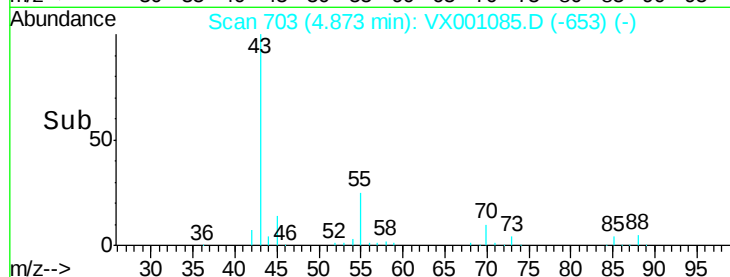
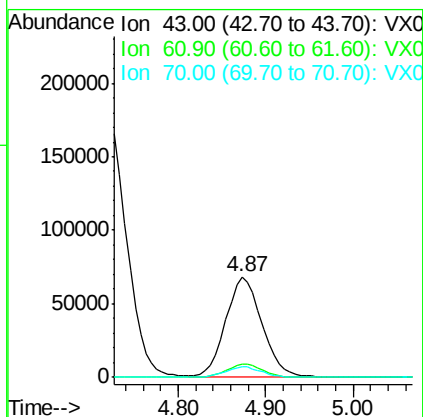
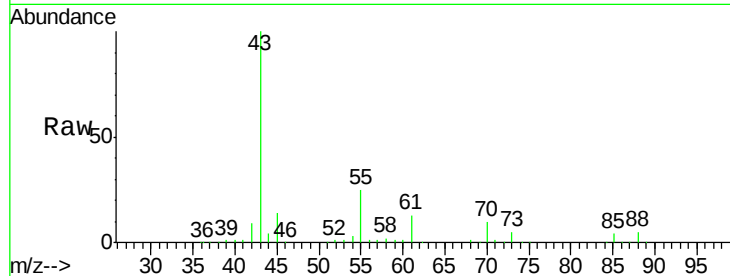




#37
Ethyl Acetate
Concen: 52.91 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

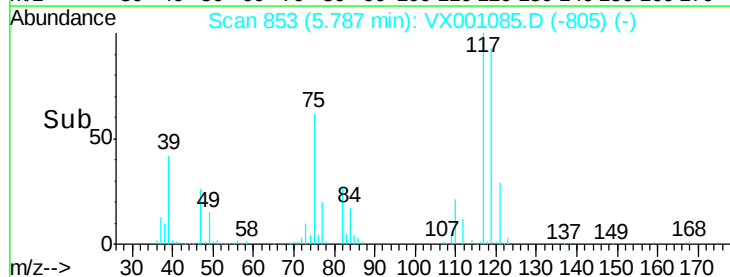
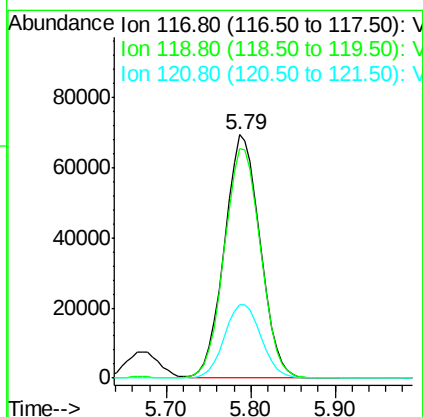
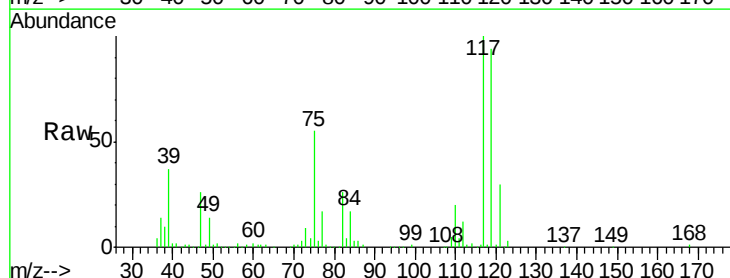
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

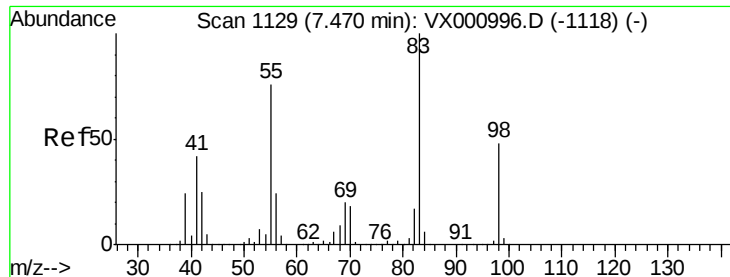
Tgt Ion: 43 Resp: 195399
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 10.6 8.3 12.5



#38
Carbon Tetrachloride
Concen: 48.95 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion: 117 Resp: 199583
Ion Ratio Lower Upper
117 100
119 94.1 76.5 114.7
121 30.2 24.5 36.7

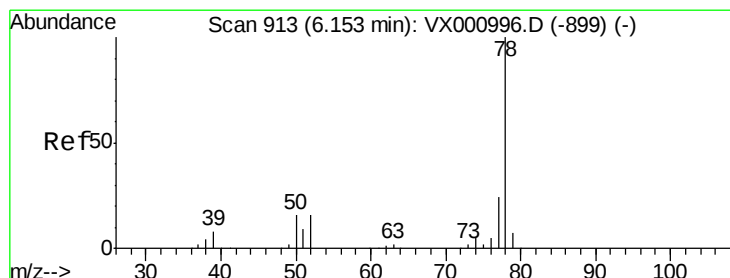
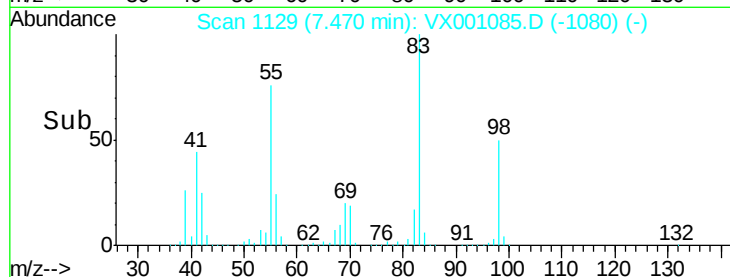
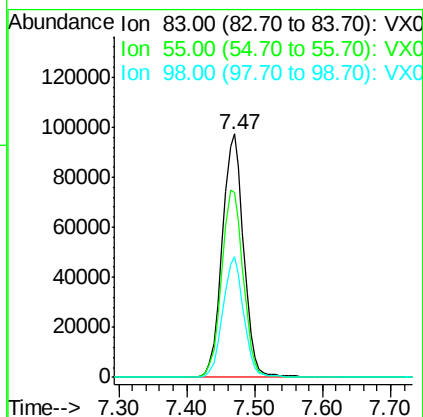
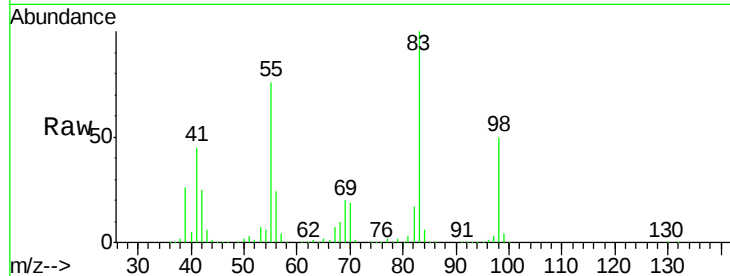




#39
Methylcyclohexane
Concen: 45.33 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

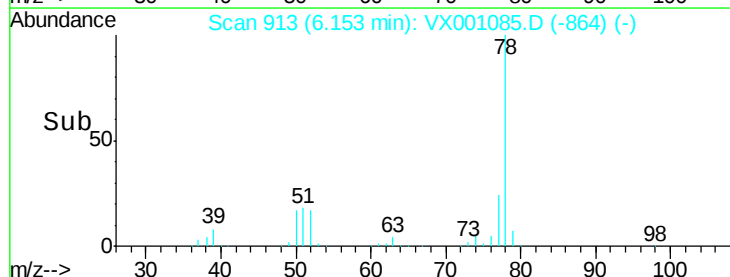
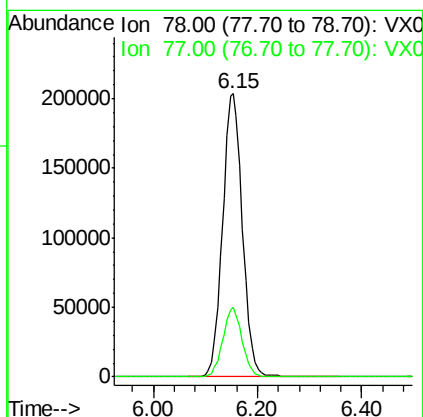
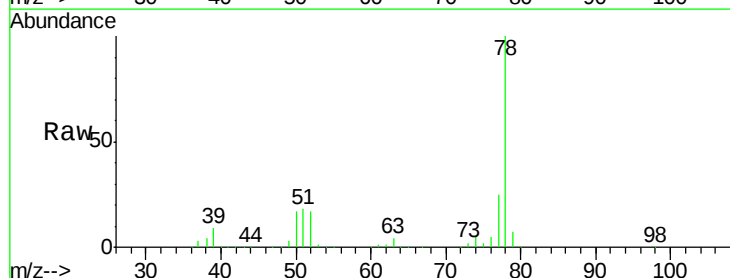
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

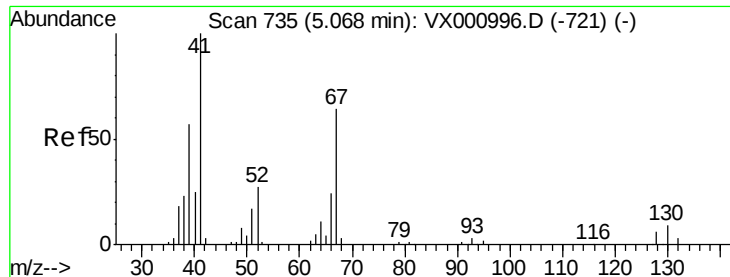
Tgt Ion: 83 Resp: 212446
Ion Ratio Lower Upper
83 100
55 75.7 60.6 91.0
98 49.6 38.2 57.4



#40
Benzene
Concen: 48.75 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion: 78 Resp: 545646
Ion Ratio Lower Upper
78 100
77 24.6 18.9 28.3





#41

Methacrylonitrile

Concen: 50.92 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 117445

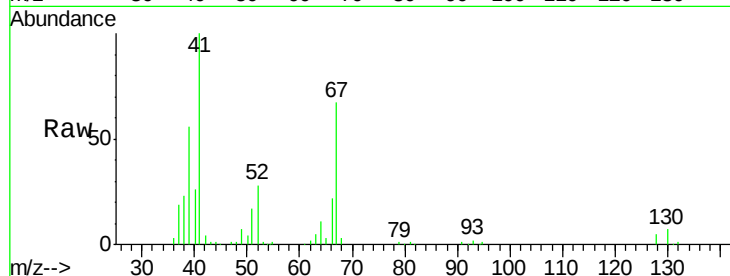
Ion Ratio Lower Upper

41 100

39 56.1 45.2 67.8

67 66.5 53.8 80.8

52 28.3 22.4 33.6

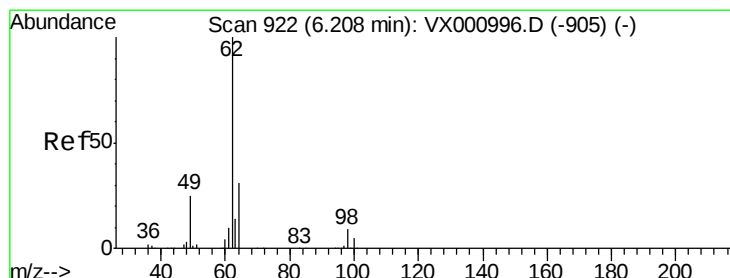
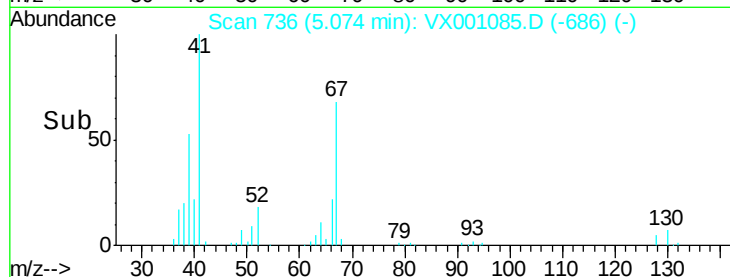
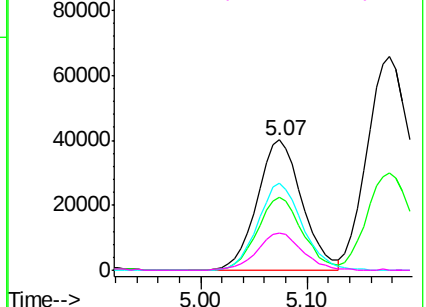


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.28 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.00 min

Lab File: VX001085.D

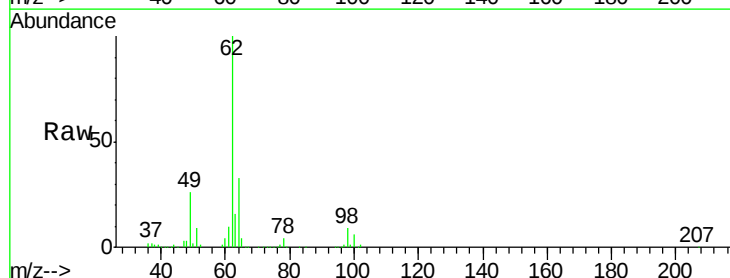
Acq: 24 Apr 2018 18:54

Tgt Ion: 62 Resp: 216029

Ion Ratio Lower Upper

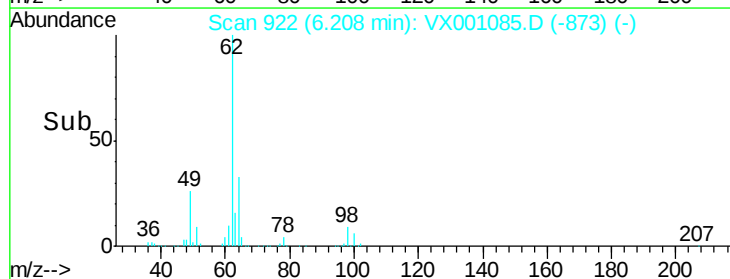
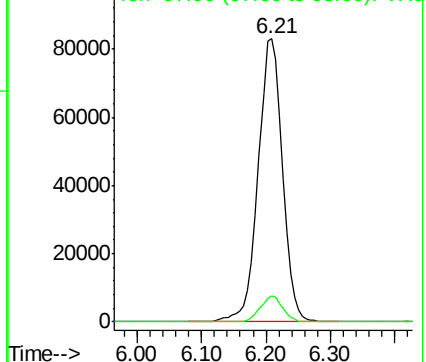
62 100

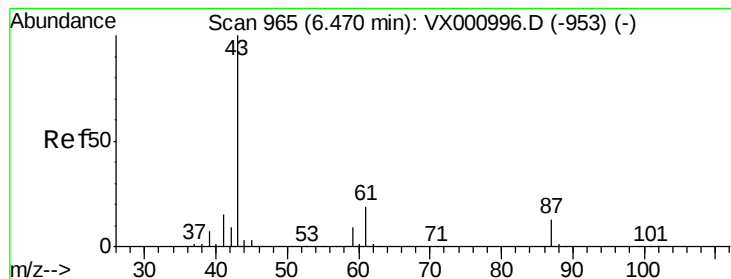
98 8.6 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.30 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

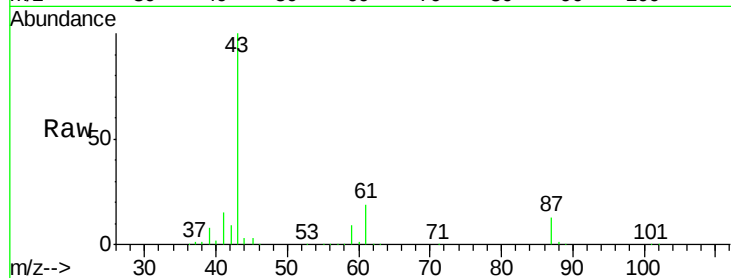
Tgt Ion: 43 Resp: 331372

Ion Ratio Lower Upper

43 100

61 18.8 15.4 23.2

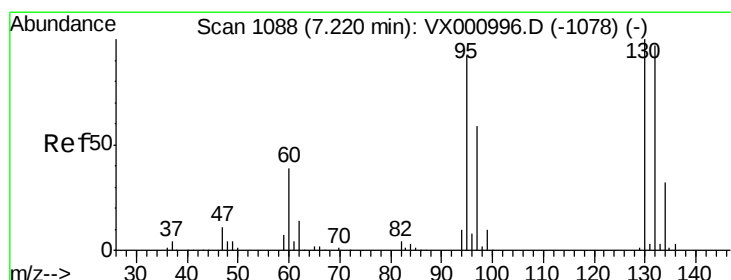
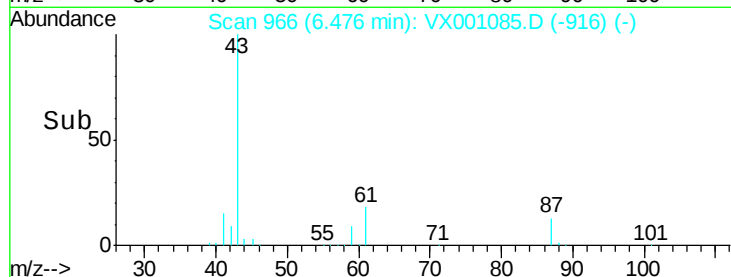
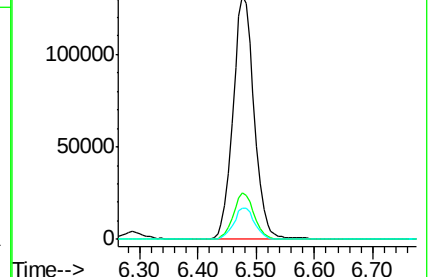
87 13.0 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX000996.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX000996.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX000996.D (-953) (-)



#44

Trichloroethene

Concen: 46.71 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001085.D

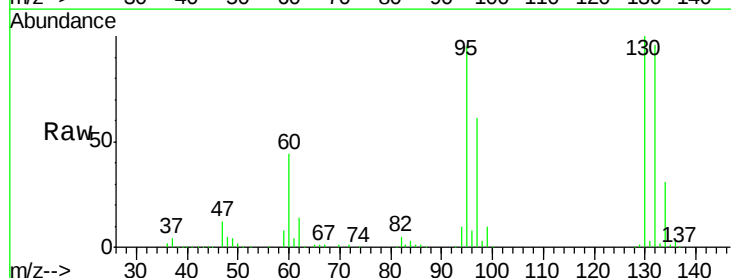
Acq: 24 Apr 2018 18:54

Tgt Ion: 130 Resp: 159728

Ion Ratio Lower Upper

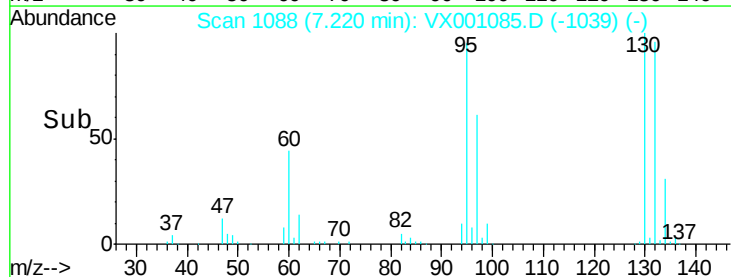
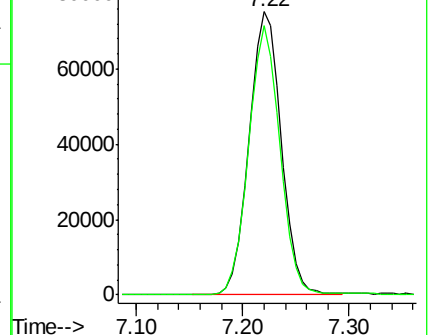
130 100

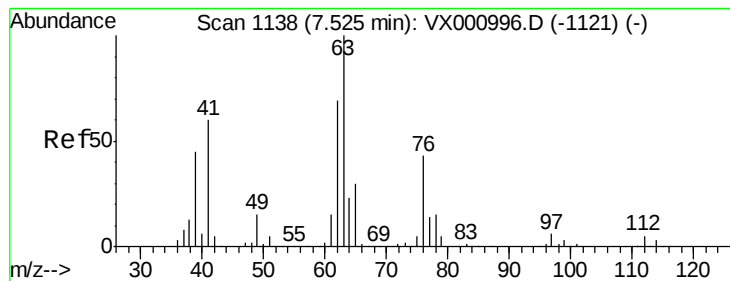
95 94.9 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VX000996.D (-1078) (-)

Ion 94.90 (94.60 to 95.60): VX000996.D (-1078) (-)





#45

1,2-Dichloropropane

Concen: 50.11 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

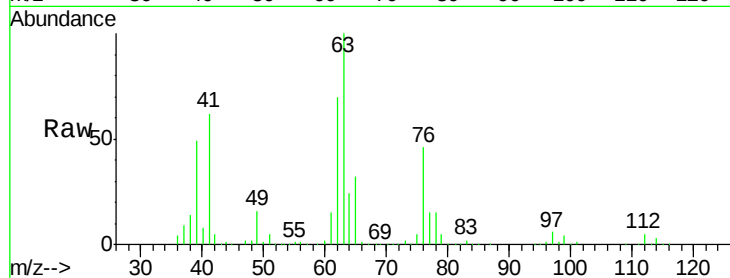
VSTDCCC050EC

Tgt Ion: 63 Resp: 141056

Ion Ratio Lower Upper

63 100

65 31.7 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

60000

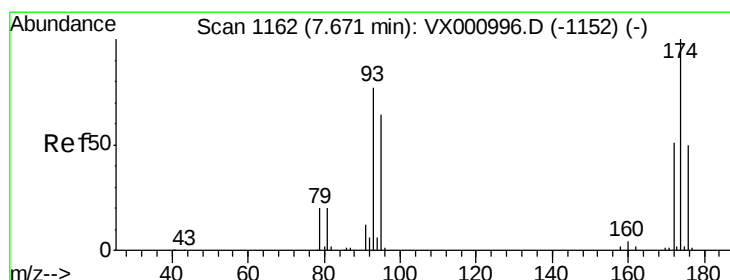
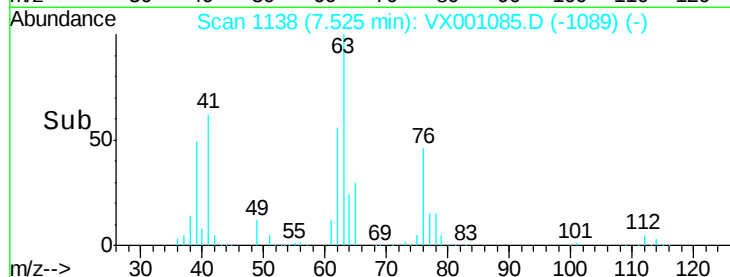
40000

20000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 49.65 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

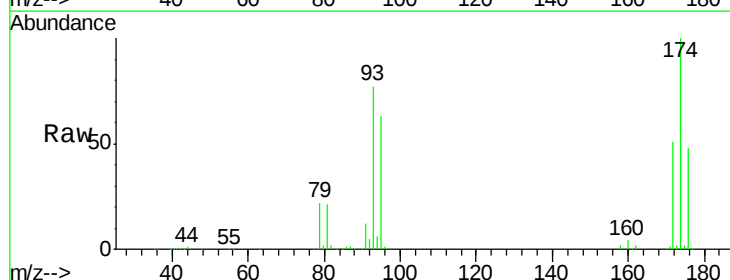
Tgt Ion: 93 Resp: 97632

Ion Ratio Lower Upper

93 100

95 84.0 66.7 100.1

174 127.2 101.8 152.6



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

80000

60000

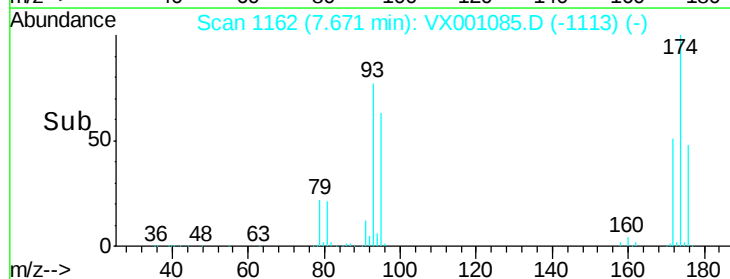
40000

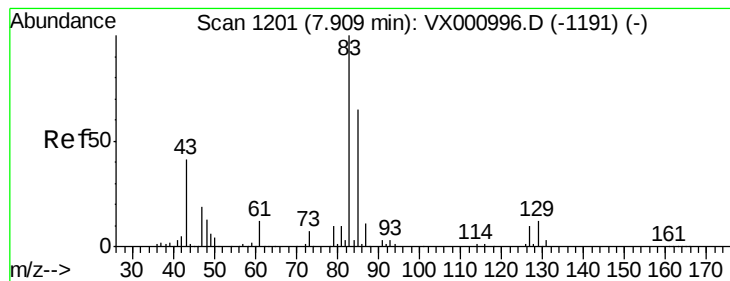
20000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 51.06 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

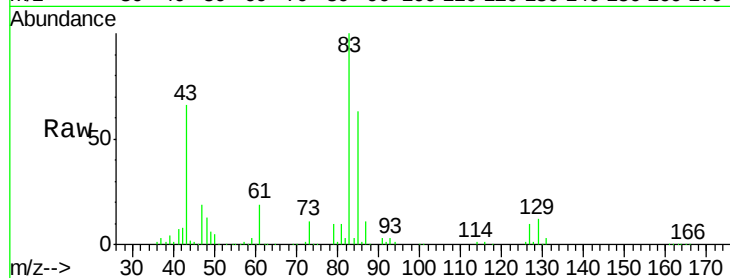
Tgt Ion: 83 Resp: 186034

Ion Ratio Lower Upper

83 100

85 63.4 52.3 78.5

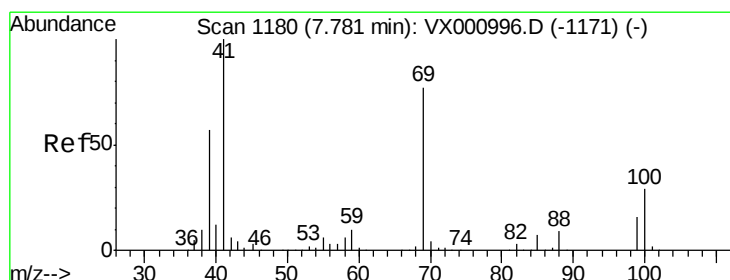
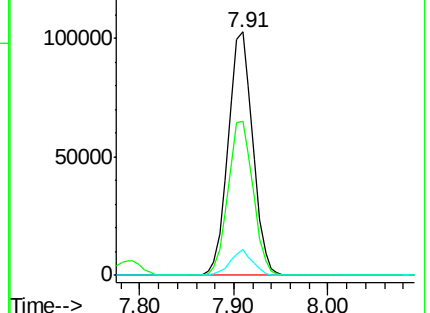
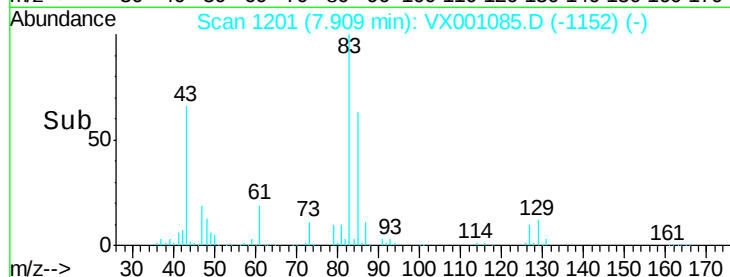
127 10.5 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.99 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

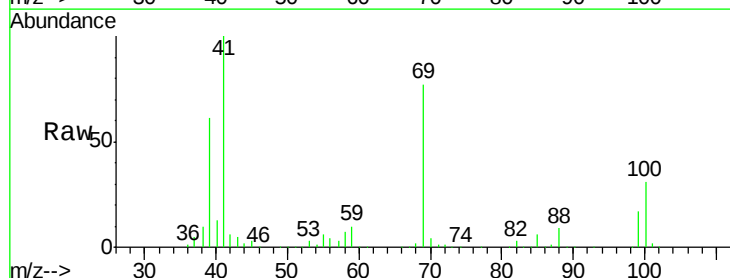
Tgt Ion: 41 Resp: 177371

Ion Ratio Lower Upper

41 100

69 78.1 62.6 94.0

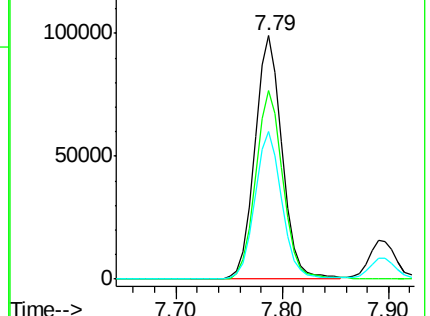
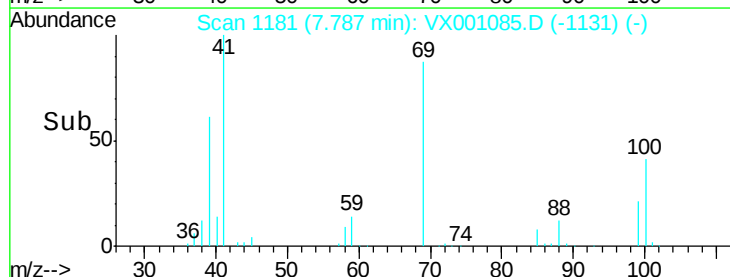
39 60.3 45.3 67.9

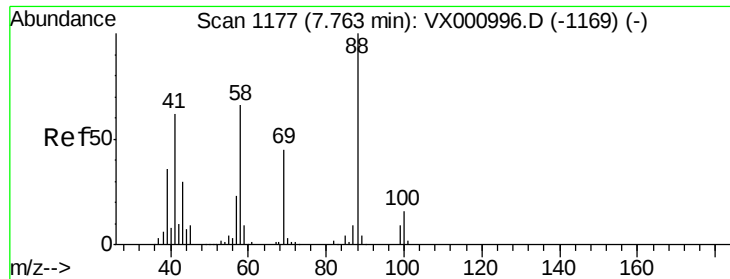


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

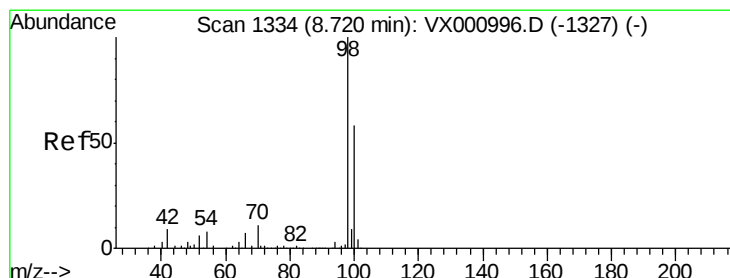
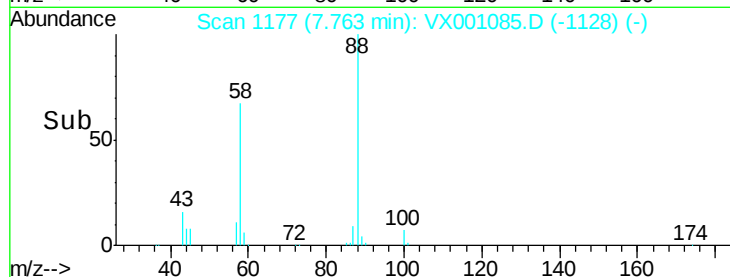
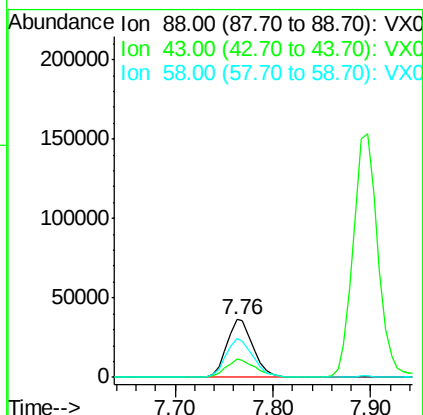
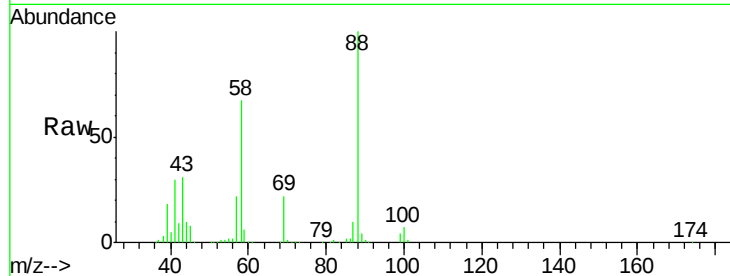




#49
1,4-Dioxane
Concen: 1356.83 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

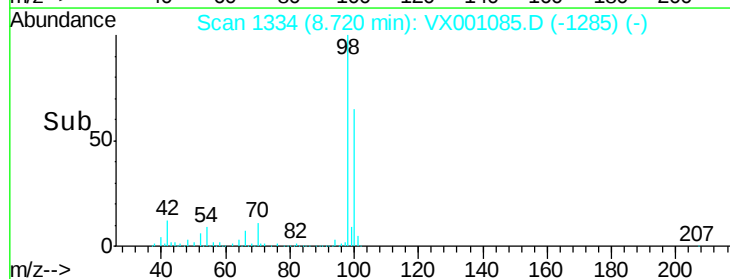
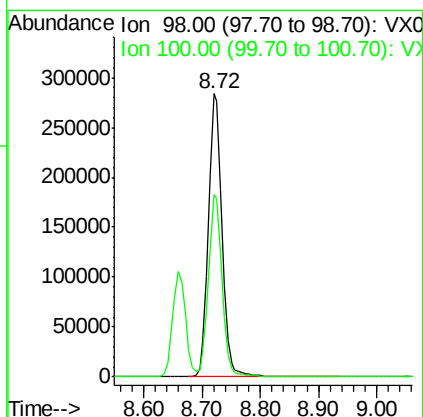
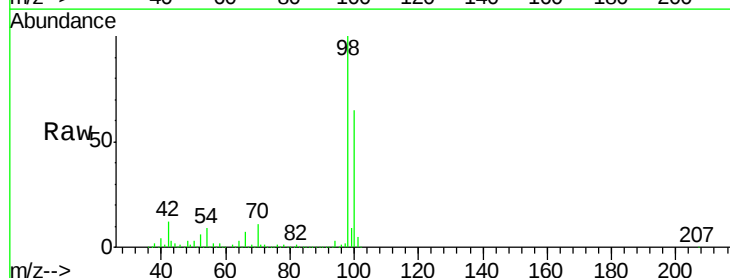
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

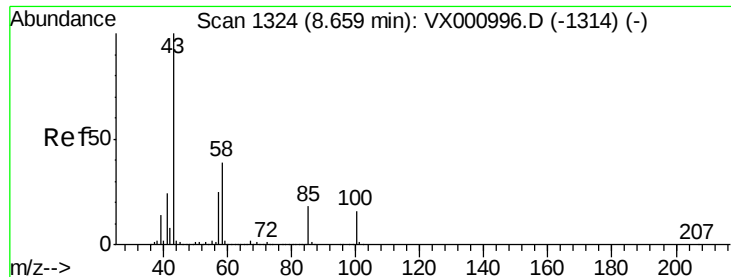
Tgt Ion: 88 Resp: 68074
Ion Ratio Lower Upper
88 100
43 34.9 29.2 43.8
58 69.6 55.0 82.6



#50
Toluene-d8
Concen: 48.19 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion: 98 Resp: 465515
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

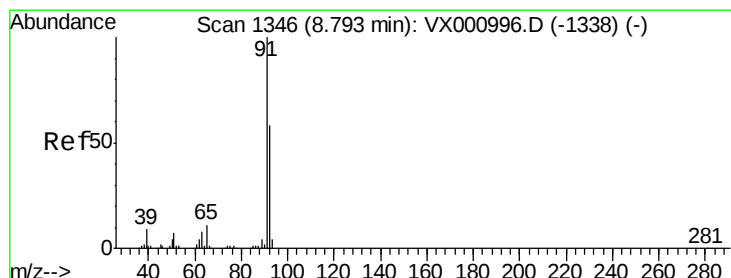
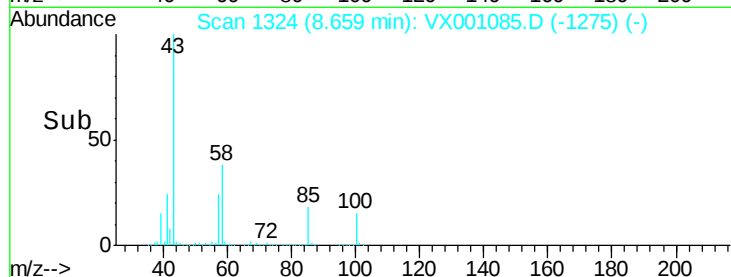
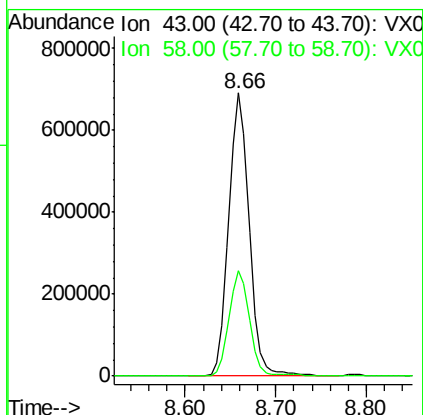
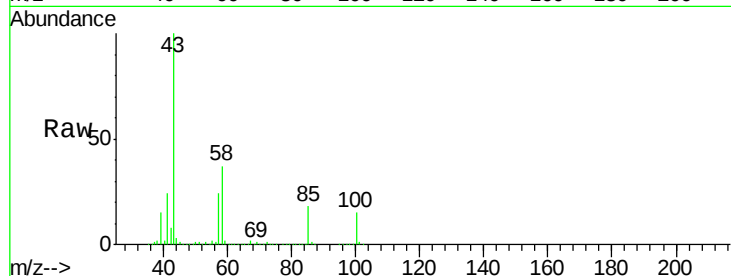




#51
 4-Methyl-2-Pentanone
 Concen: 282.92 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

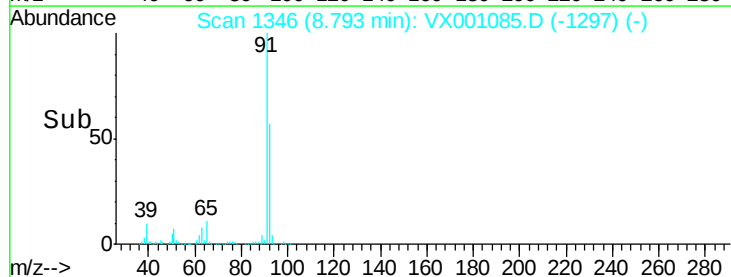
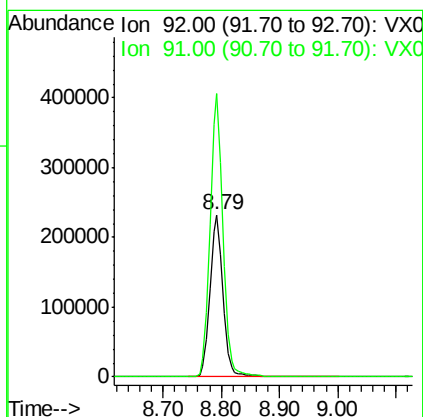
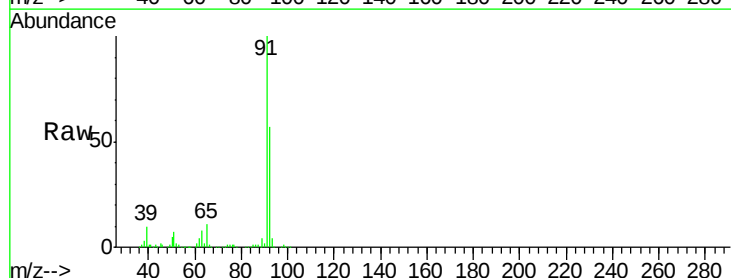
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

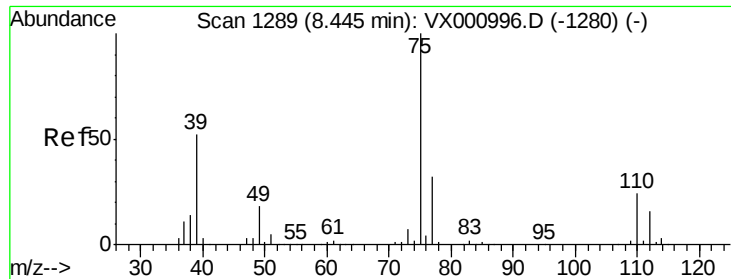
Tgt Ion: 43 Resp: 1088448
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.2 45.4



#52
 Toluene
 Concen: 49.22 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion: 92 Resp: 359620
 Ion Ratio Lower Upper
 92 100
 91 174.2 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 46.13 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

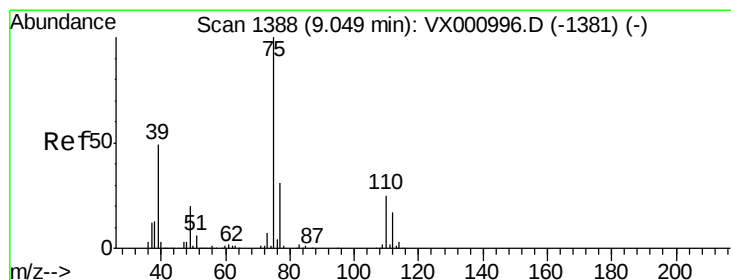
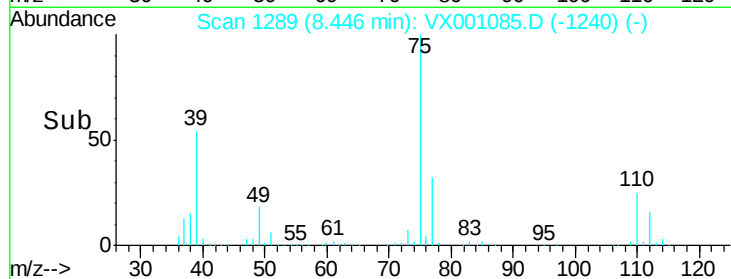
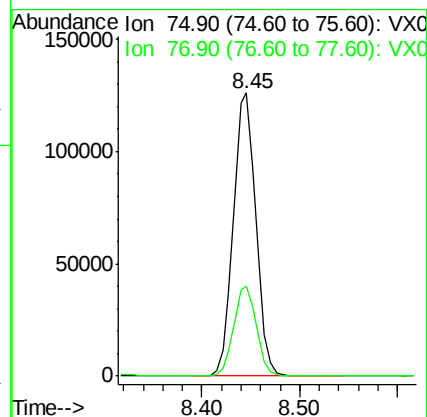
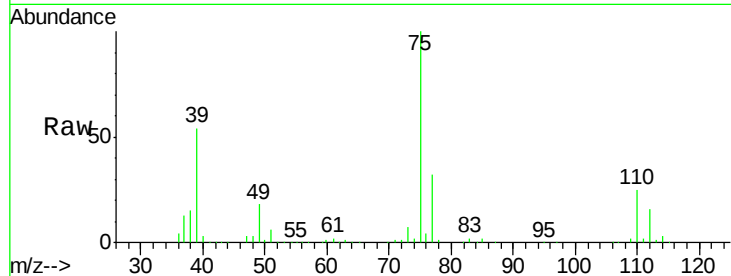
VSTDCCC050EC

Tgt Ion: 75 Resp: 201008

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 46.62 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

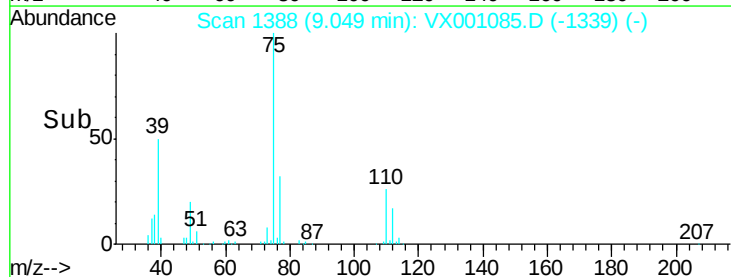
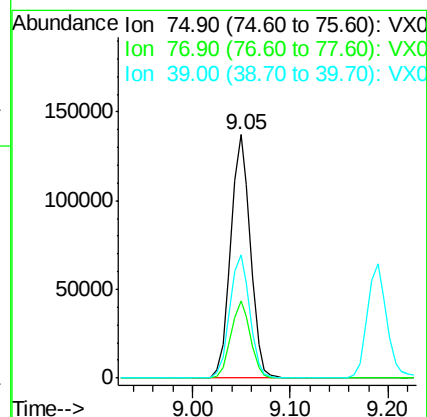
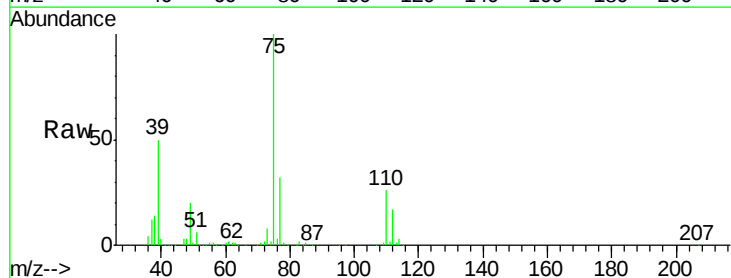
Tgt Ion: 75 Resp: 191557

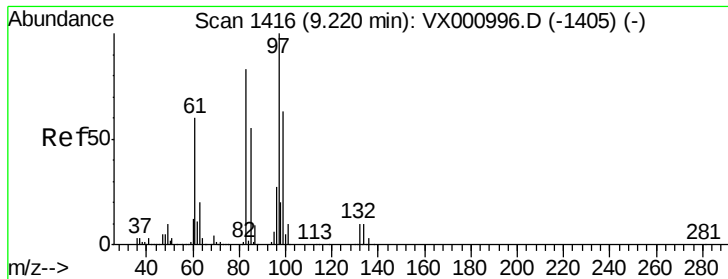
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 50.3 39.2 58.8

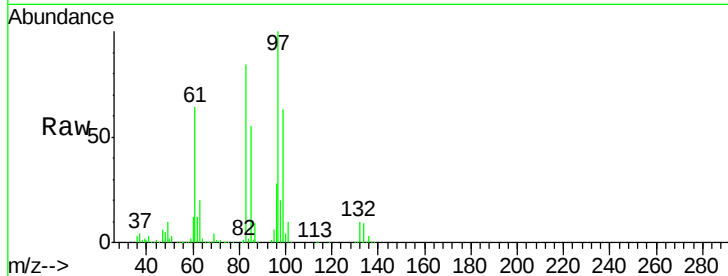




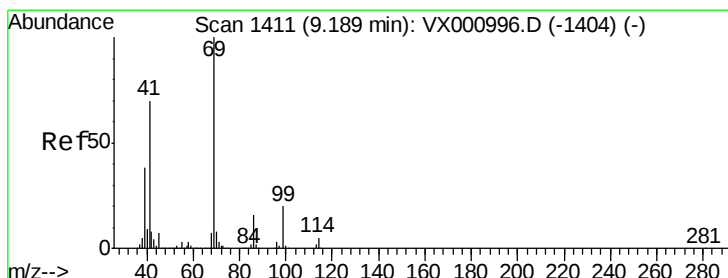
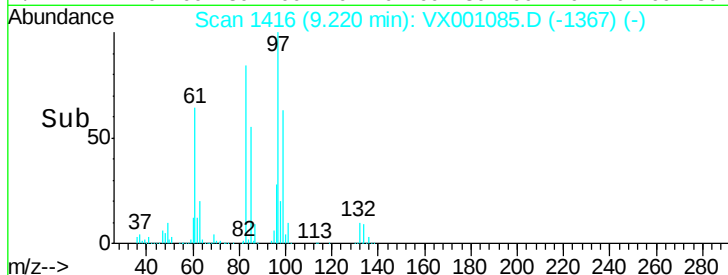
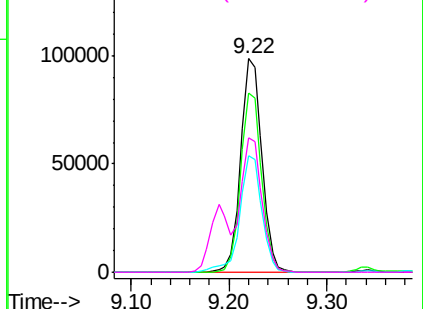
#55
 1,1,2-Trichloroethane
 Concen: 50.97 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	148001
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.2	99.4
85	54.7	44.2	66.4
99	63.1	50.2	75.4

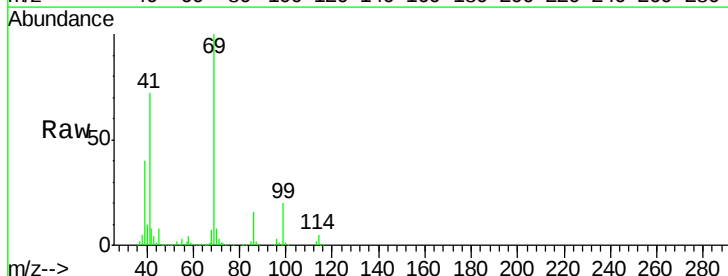


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

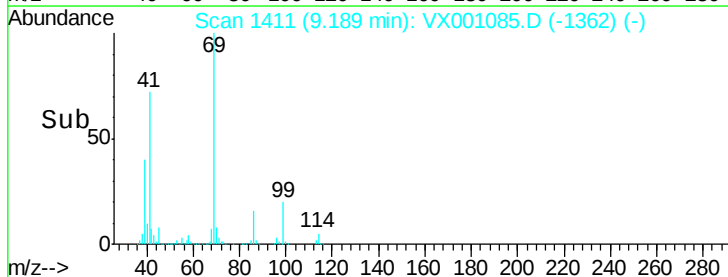
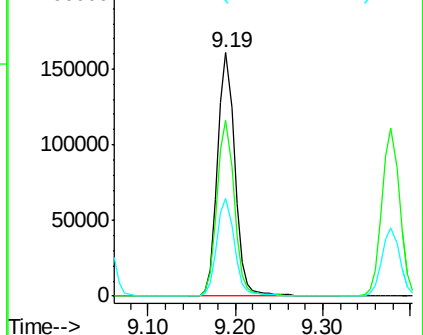


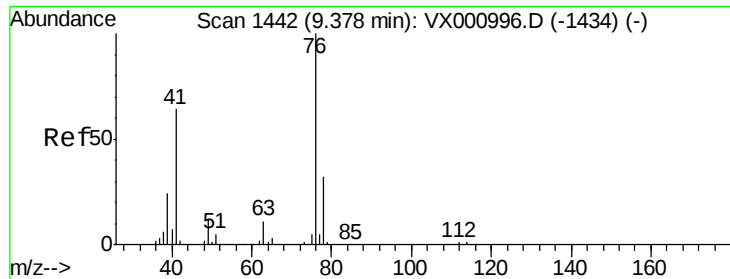
#56
 Ethyl methacrylate
 Concen: 52.06 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion:	69	Resp:	222031
Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.3	84.5
39	40.8	30.4	45.6



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

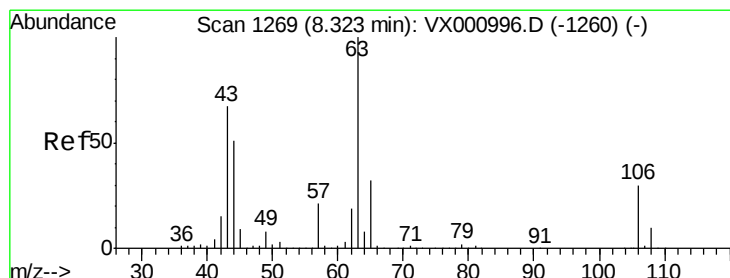
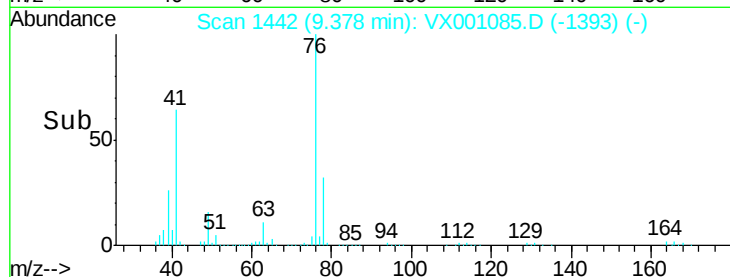
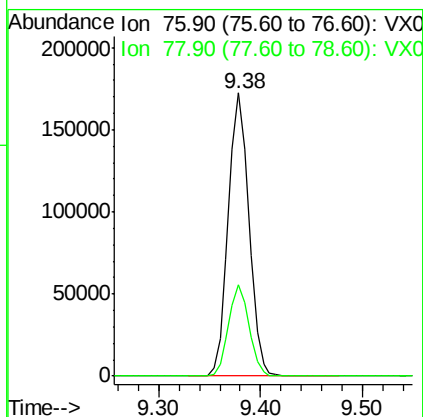
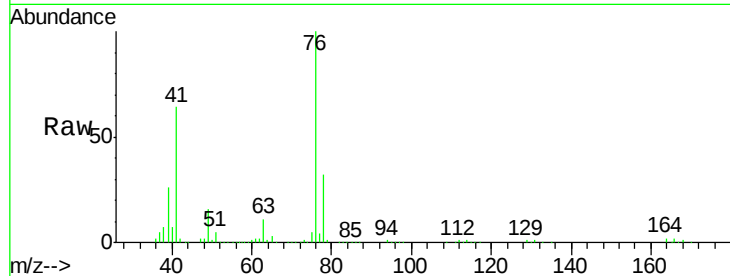




#57
 1,3-Dichloropropane
 Concen: 50.24 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

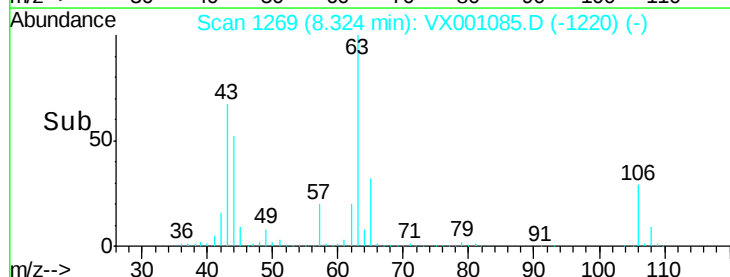
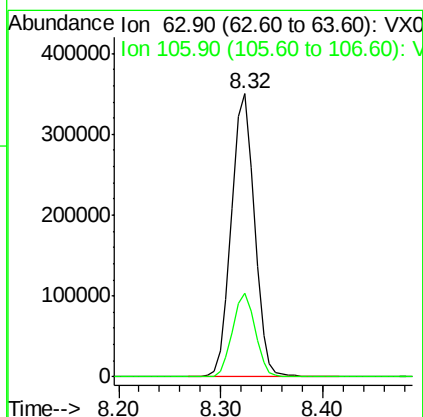
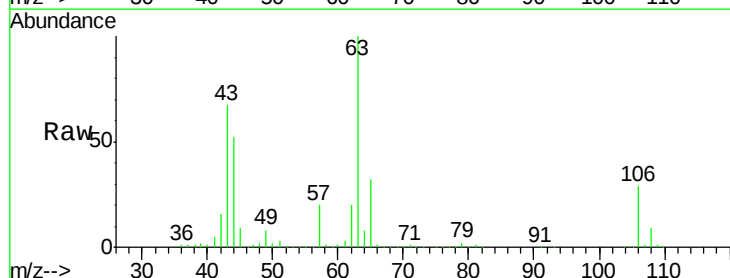
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

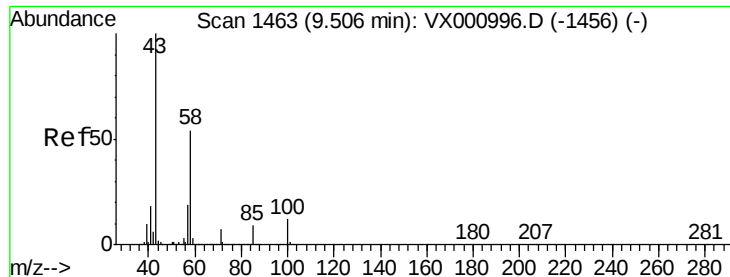
Tgt Ion: 76 Resp: 241698
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.16 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion: 63 Resp: 545707
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.8 35.6

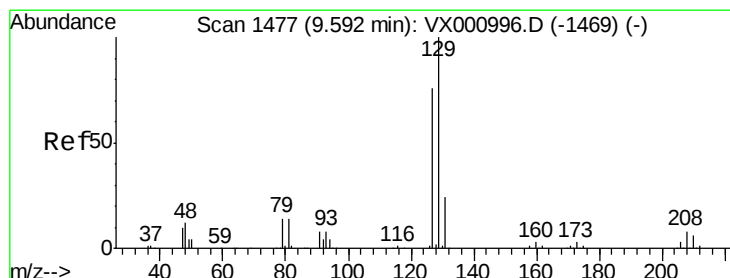
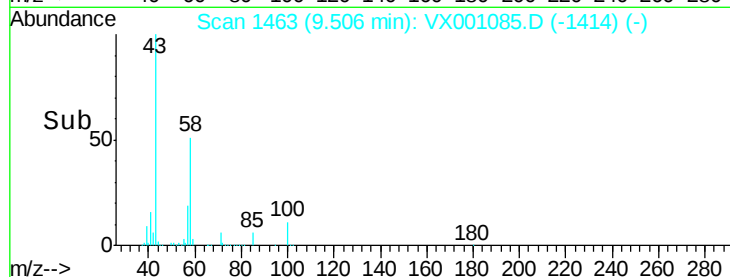
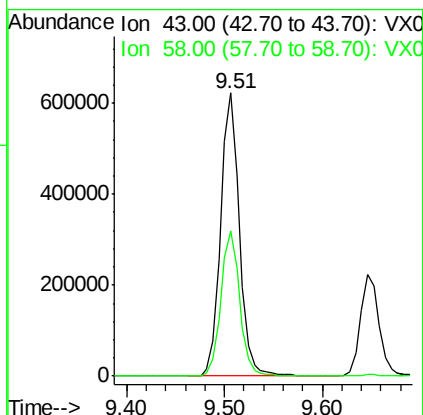
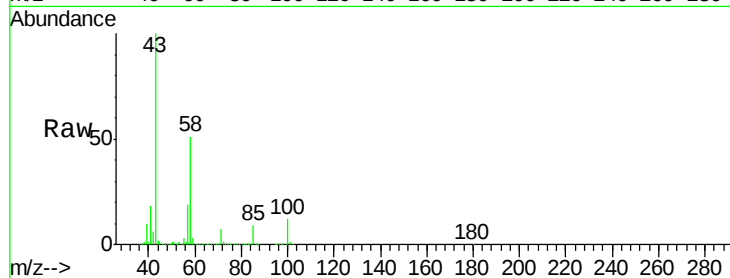




#59
2-Hexanone
Concen: 281.50 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

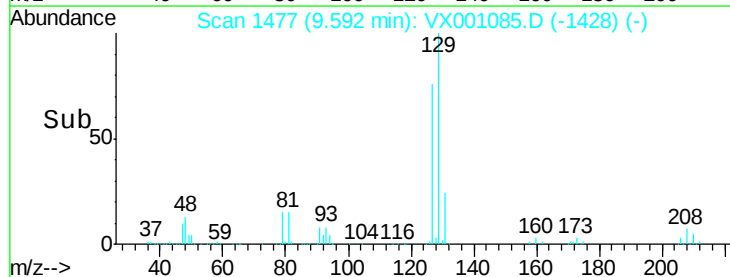
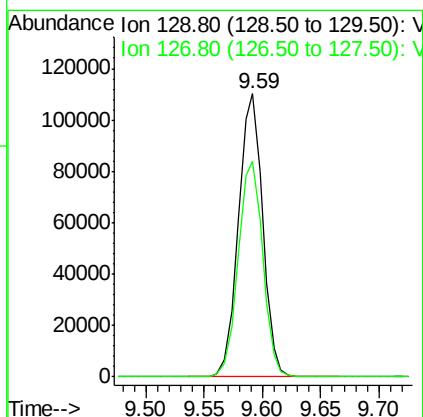
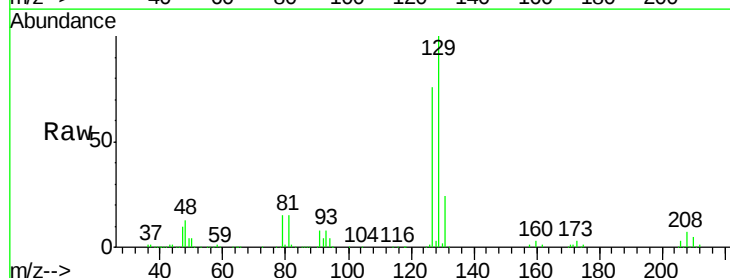
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

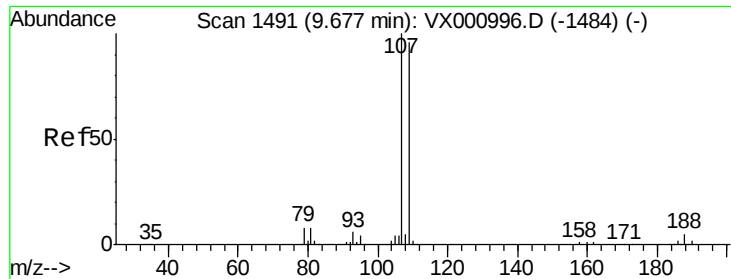
Tgt Ion: 43 Resp: 828963
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.9



#60
Dibromochloromethane
Concen: 52.42 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion: 129 Resp: 159871
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.56 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

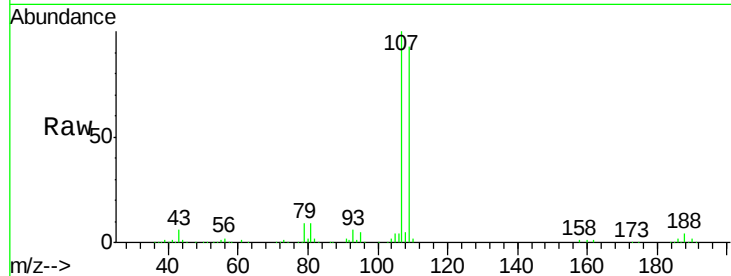
VSTDCCC050EC

Tgt Ion: 107 Resp: 158019

Ion Ratio Lower Upper

107 100

109 94.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

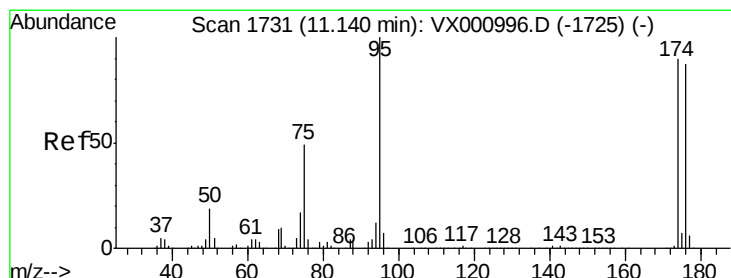
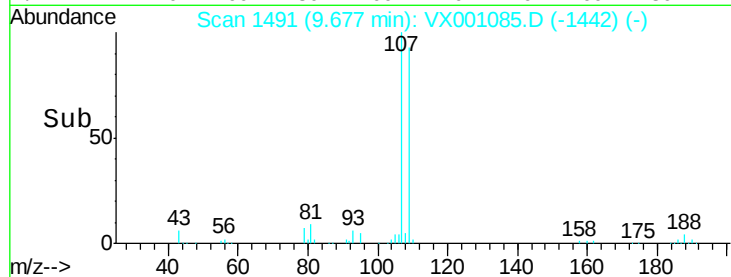
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

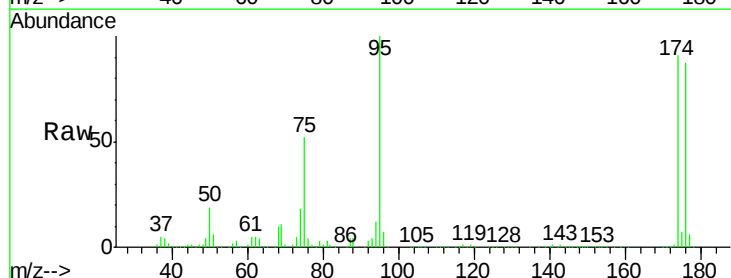
Tgt Ion: 95 Resp: 191269

Ion Ratio Lower Upper

95 100

174 98.6 0.0 198.4

176 95.5 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

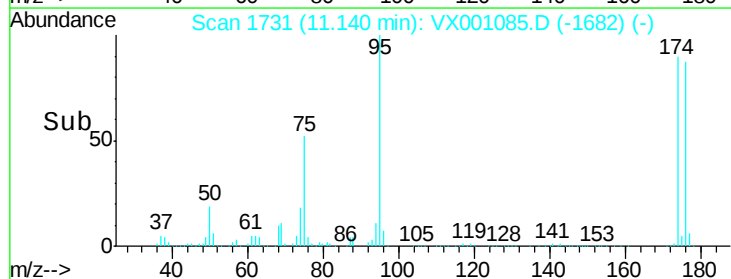
150000

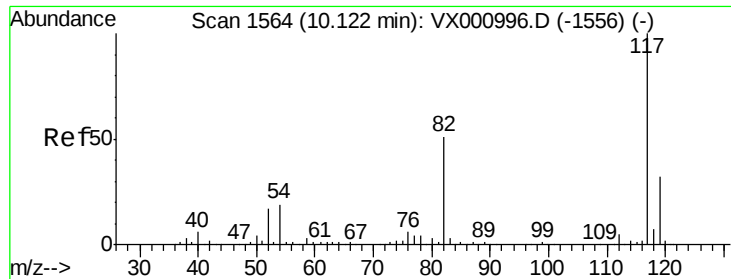
100000

50000

0

Time-->

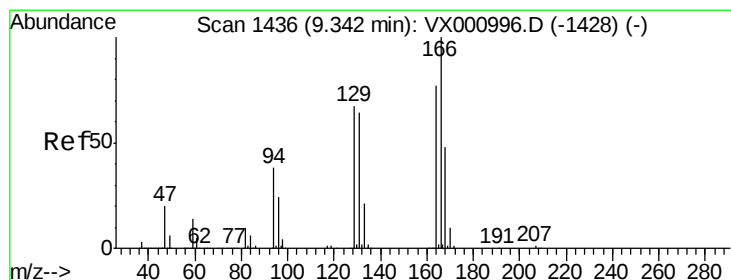
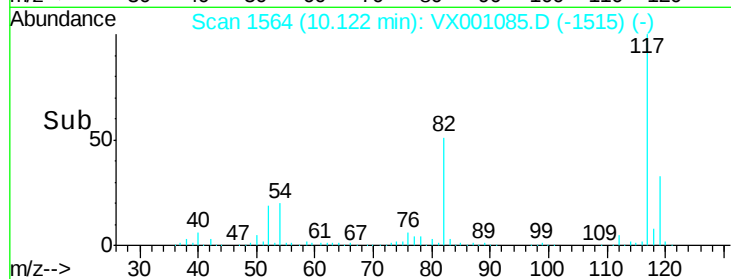
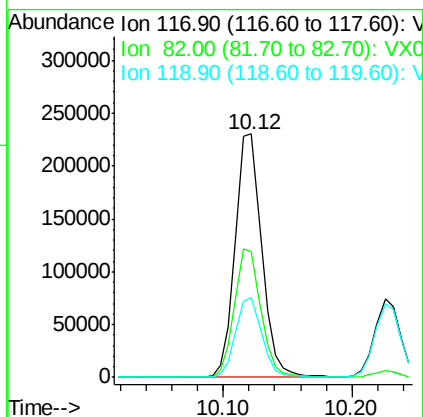
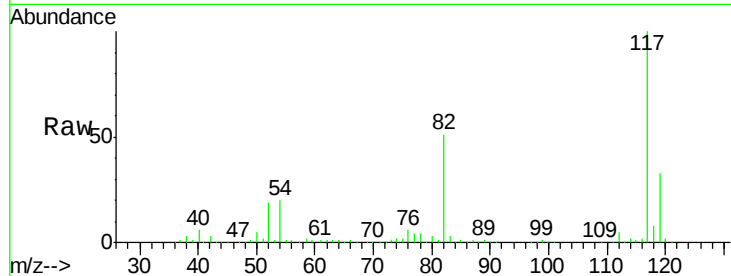




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

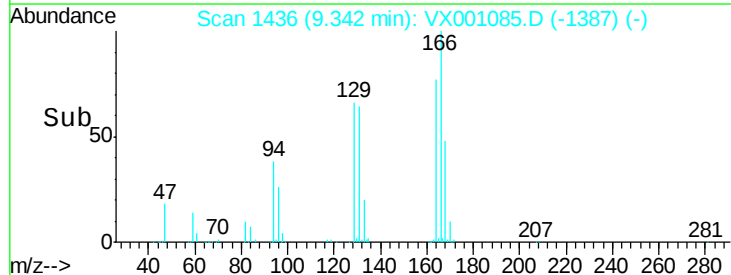
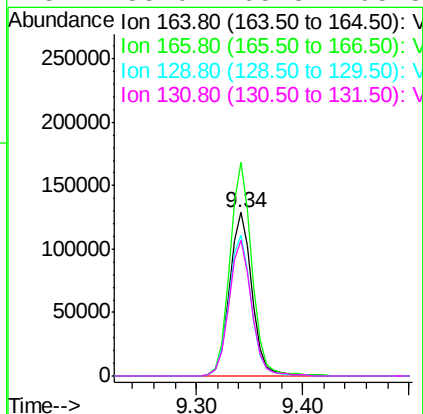
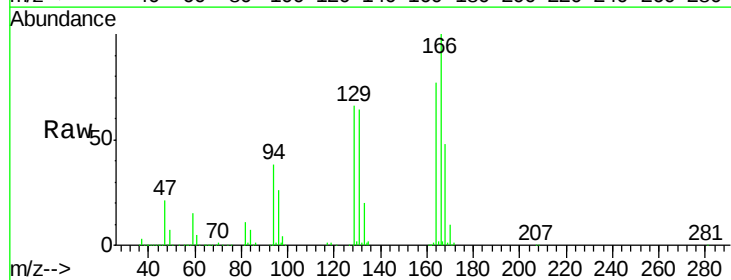
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

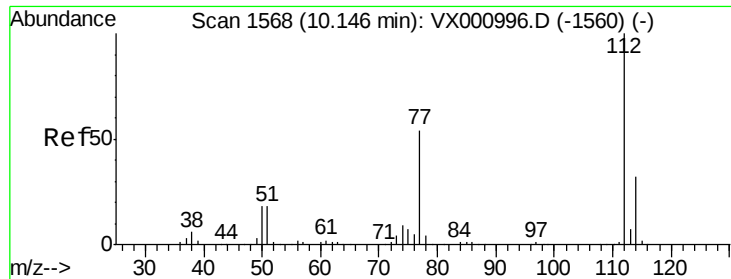
Tgt Ion:117 Resp: 333347
Ion Ratio Lower Upper
117 100
82 51.5 40.6 60.8
119 32.8 26.0 39.0



#64
Tetrachloroethene
Concen: 54.32 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion:164 Resp: 192292
Ion Ratio Lower Upper
164 100
166 130.5 103.5 155.3
129 86.4 69.6 104.4
131 83.0 65.8 98.8

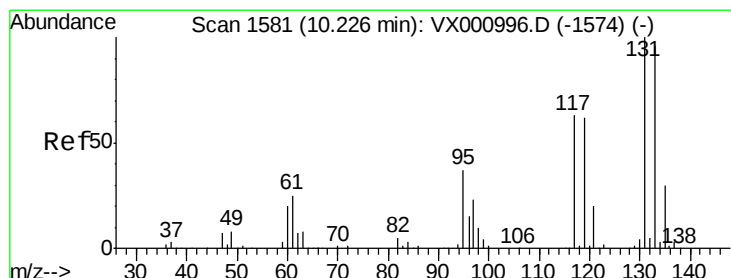
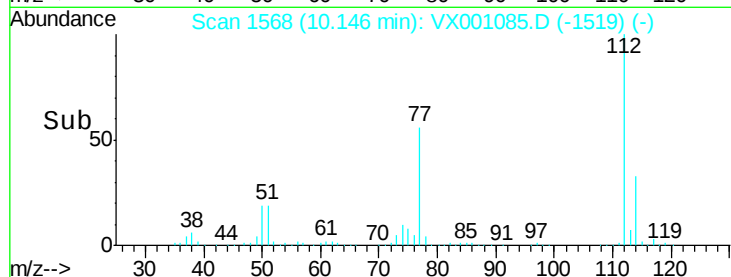
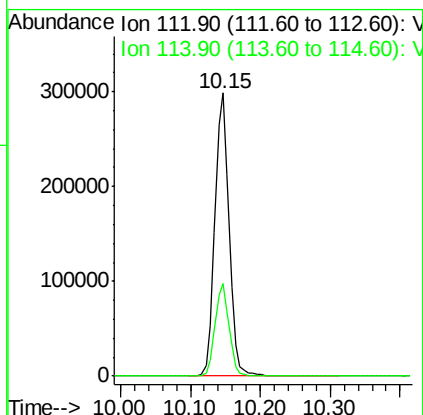
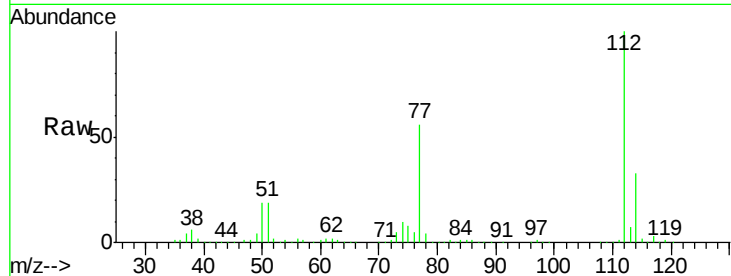




#65
Chlorobenzene
Concen: 47.49 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

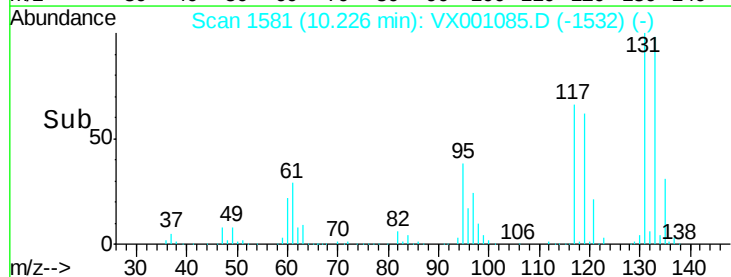
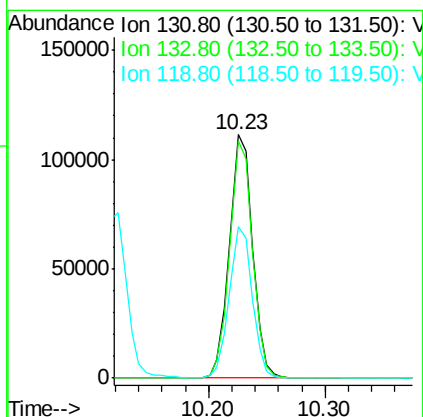
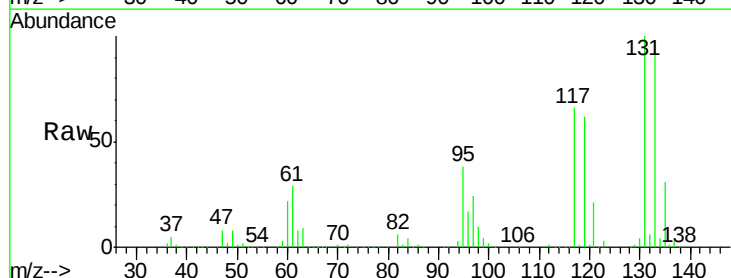
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

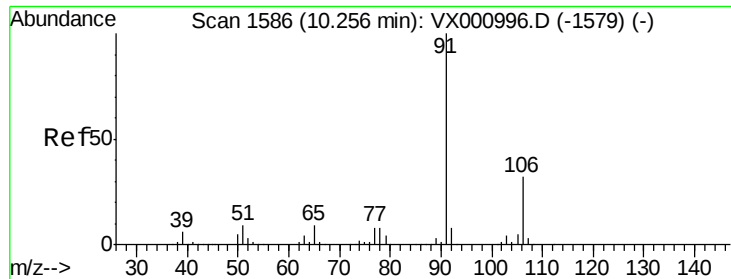
Tgt Ion:112 Resp: 421530
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.91 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion:131 Resp: 155090
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.8
119 62.1 31.1 93.2

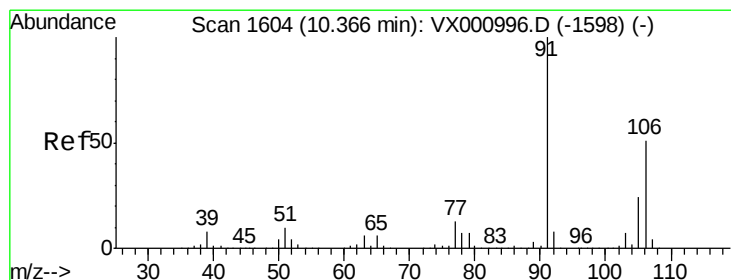
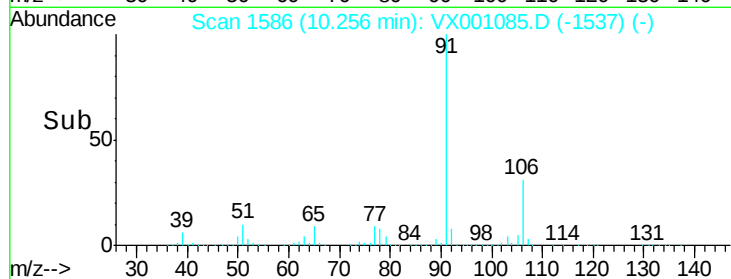
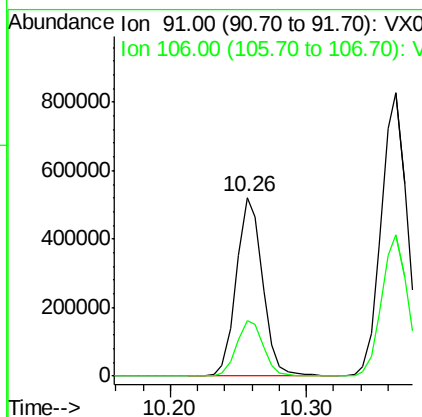
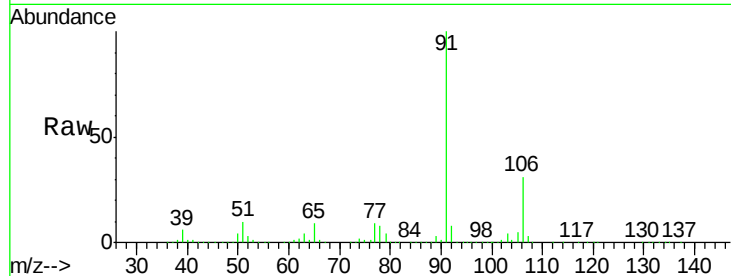




#67
Ethyl Benzene
Concen: 47.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

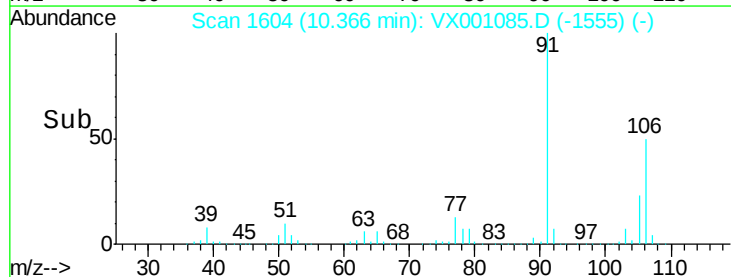
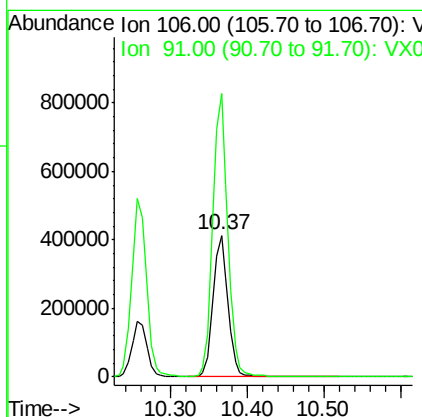
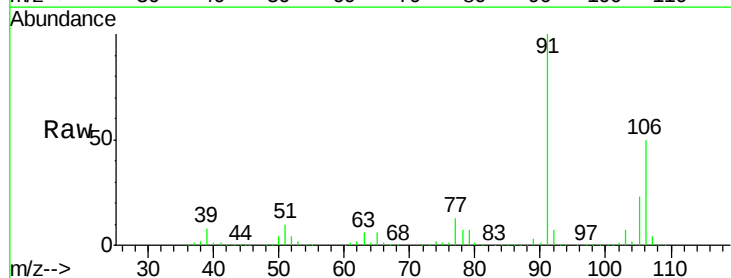
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

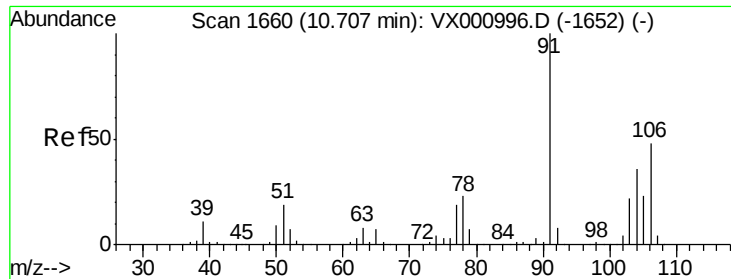
Tgt Ion: 91 Resp: 701762
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5



#68
m/p-Xylenes
Concen: 96.07 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion: 106 Resp: 558128
Ion Ratio Lower Upper
106 100
91 200.9 159.3 238.9

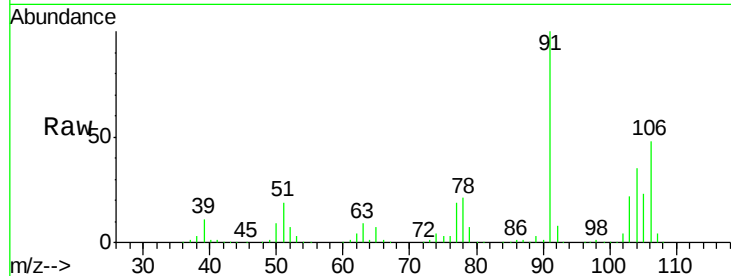




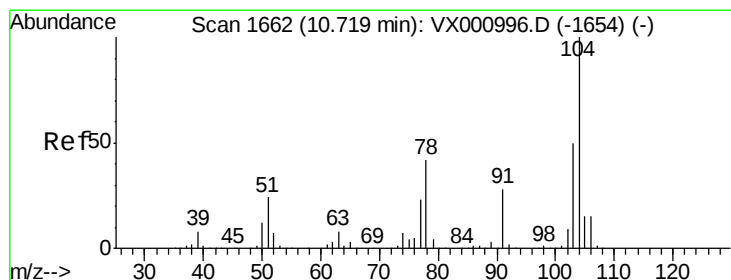
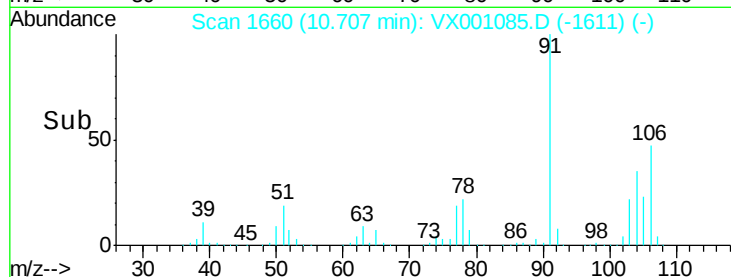
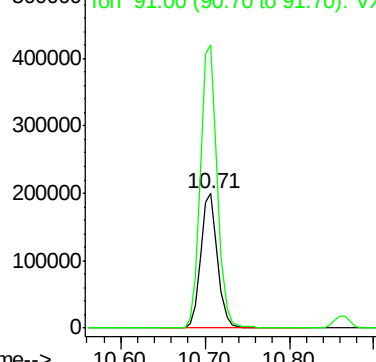
#69
o-Xylene
Concen: 48.50 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 271639
Ion Ratio Lower Upper
106 100
91 212.9 105.1 315.1

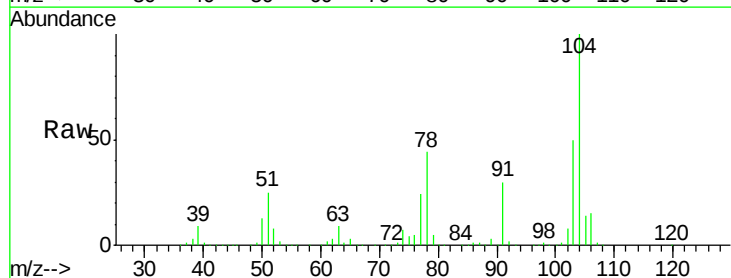


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

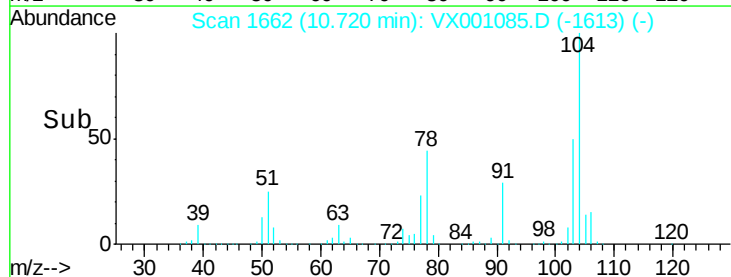
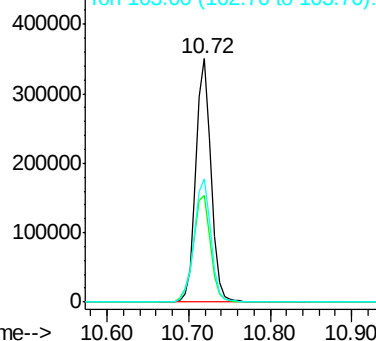


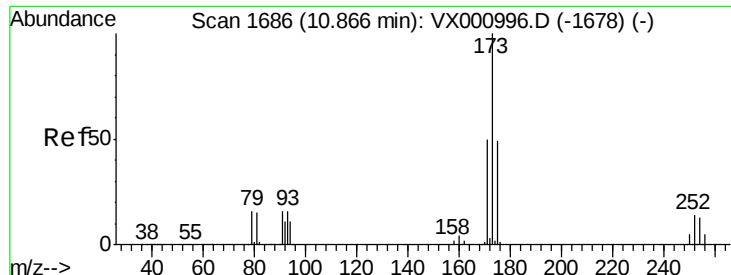
#70
Styrene
Concen: 48.96 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion:104 Resp: 451656
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 55.8 44.2 66.2



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

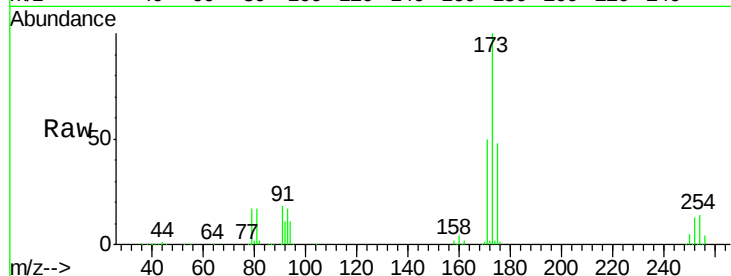




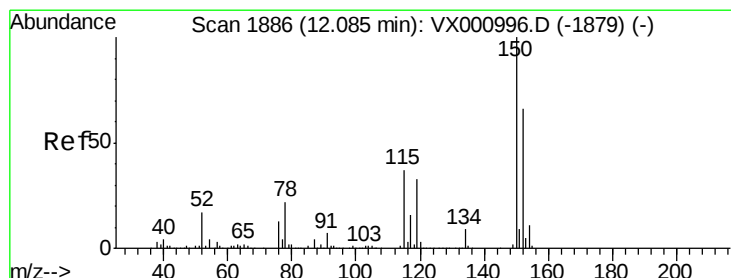
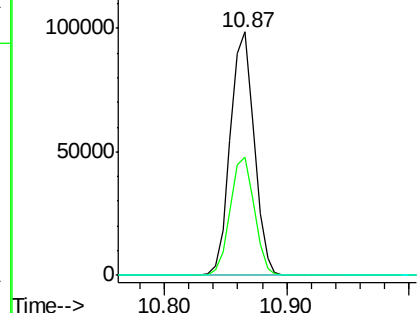
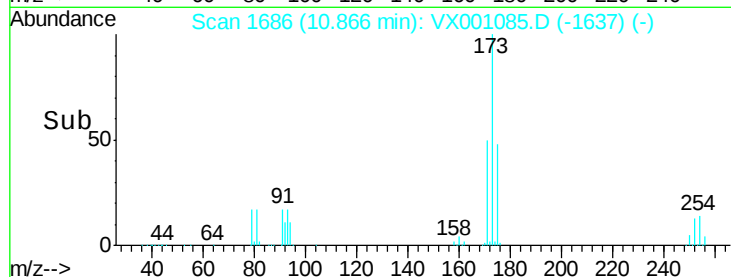
#71
Bromoform
Concen: 46.95 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 132661
Ion Ratio Lower Upper
173 100
175 49.0 24.8 74.3
254 0.2 0.2 0.2

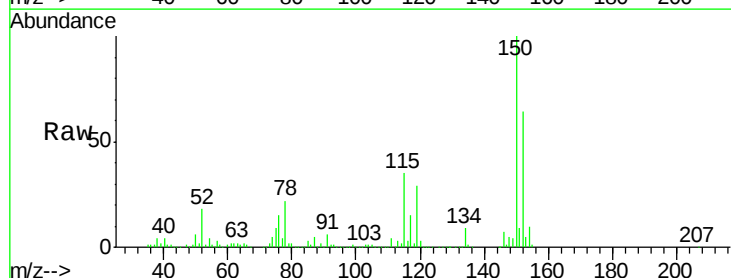


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

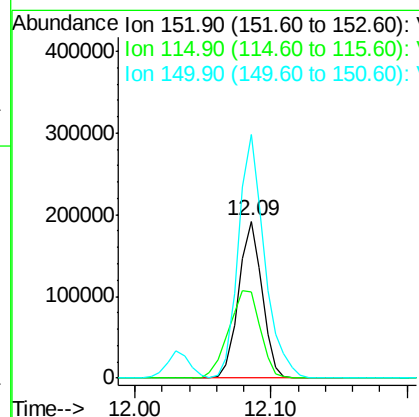
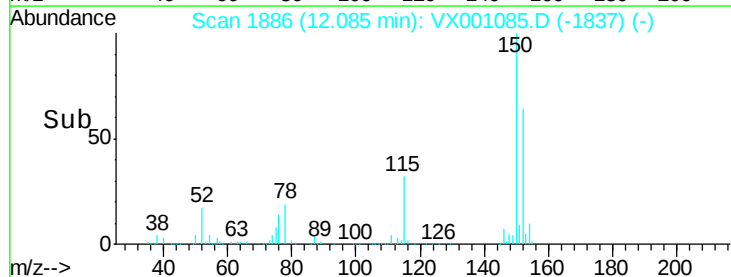


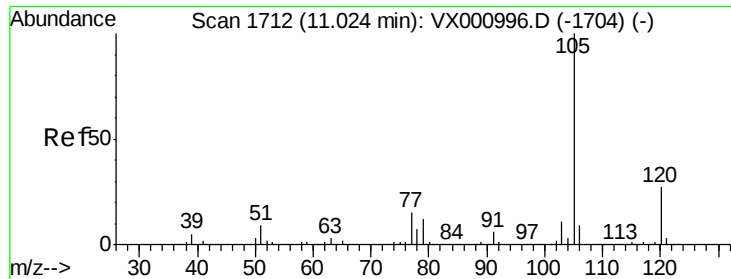
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion:152 Resp: 229939
Ion Ratio Lower Upper
152 100
115 75.4 38.2 114.6
150 173.1 0.0 350.4



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: 49.03 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

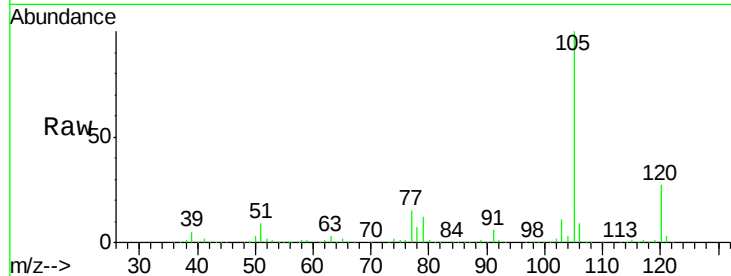
VSTDCCC050EC

Tgt Ion:105 Resp: 737070

Ion Ratio Lower Upper

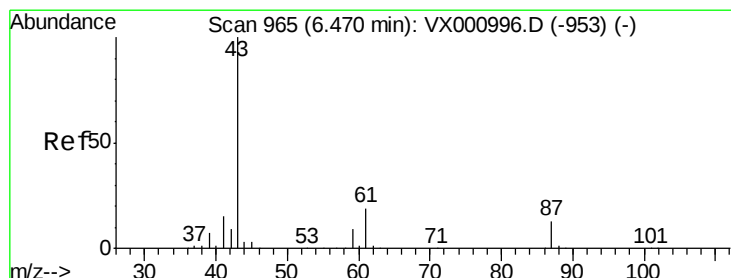
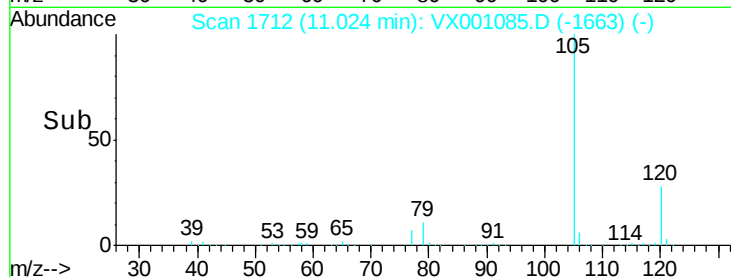
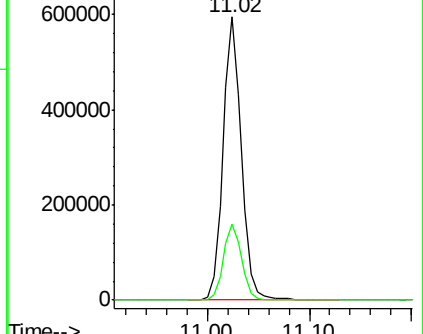
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.53 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion: 43 Resp: 331372

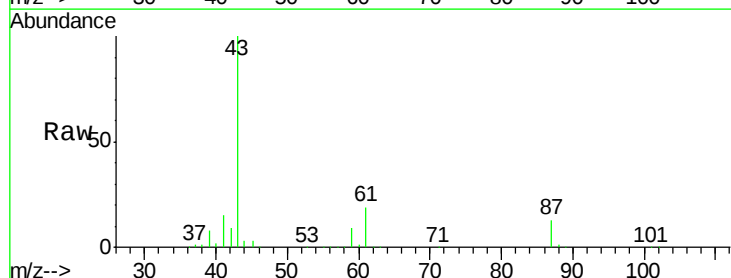
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 18.8 15.4 23.2

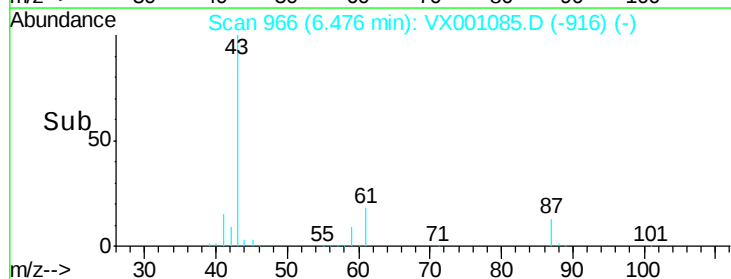
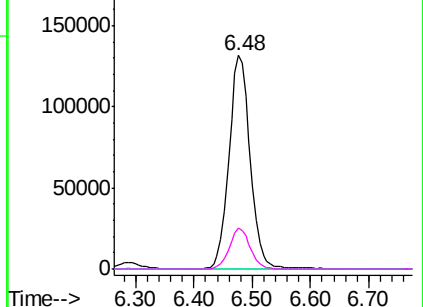


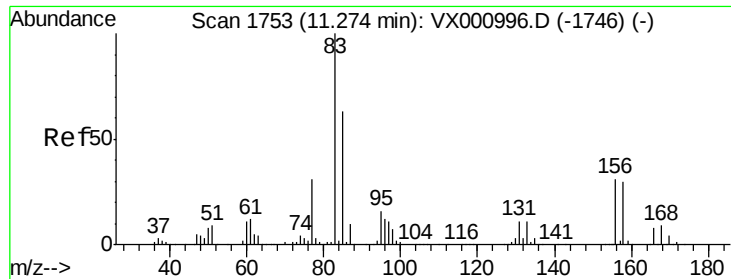
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

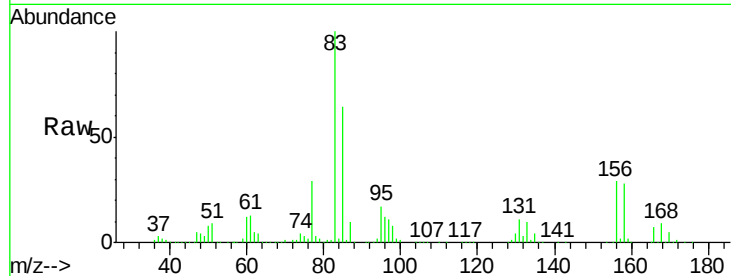
Tgt Ion: 83 Resp: 227215

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

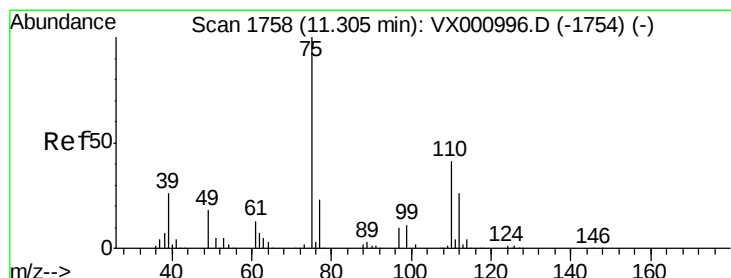
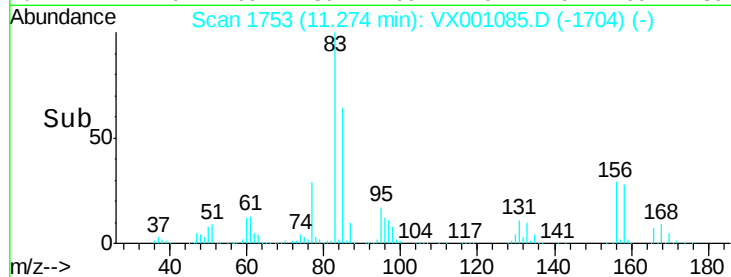
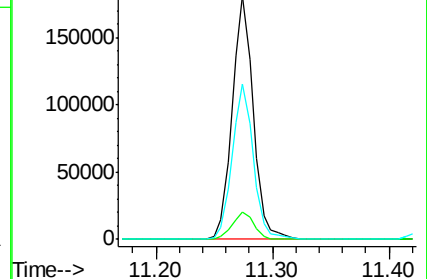
85 64.1 32.0 96.2



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: 61.26 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001085.D

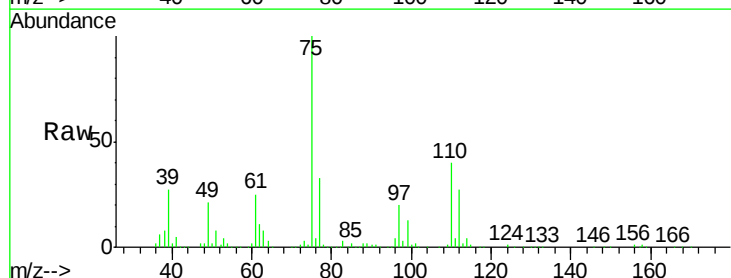
Acq: 24 Apr 2018 18:54

Tgt Ion: 75 Resp: 244393

Ion Ratio Lower Upper

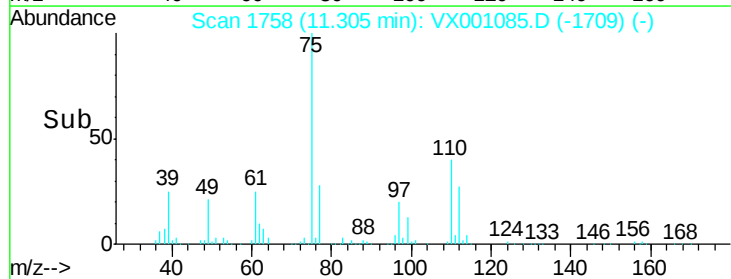
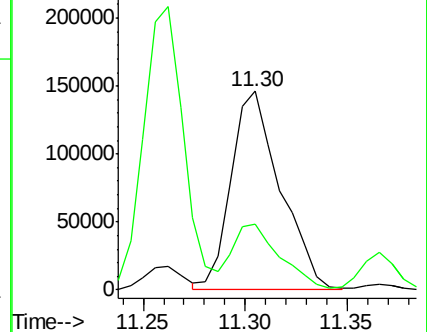
75 100

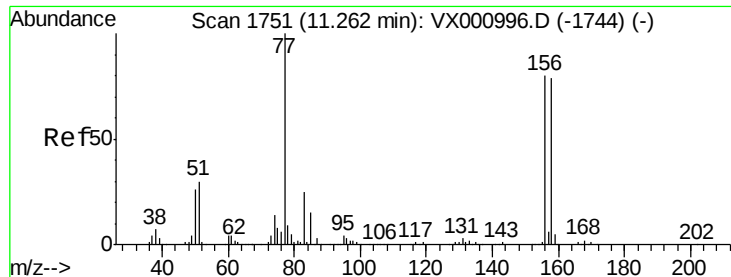
77 31.8 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.92 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

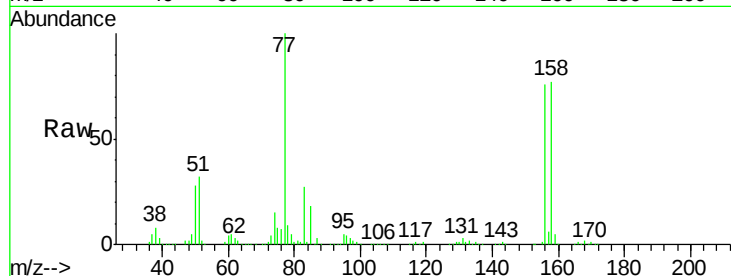
Tgt Ion:156 Resp: 209107

Ion Ratio Lower Upper

156 100

77 136.0 66.3 199.0

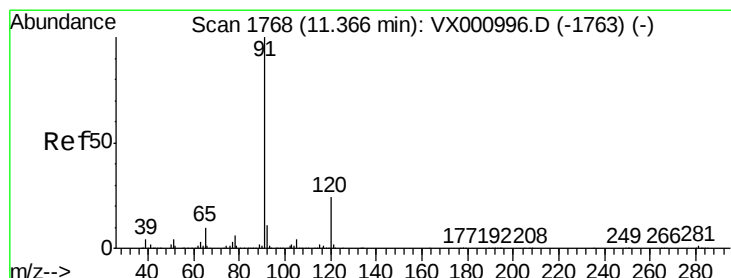
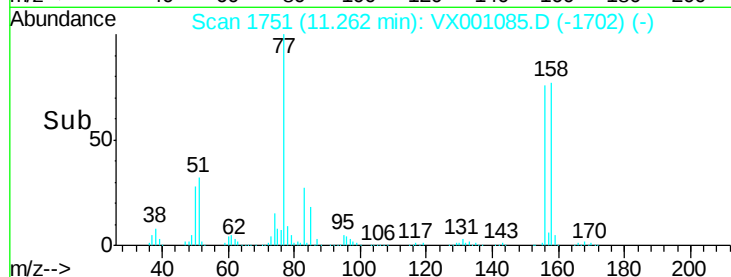
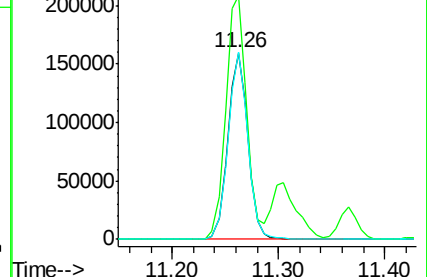
158 98.8 48.9 146.6



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: 47.89 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001085.D

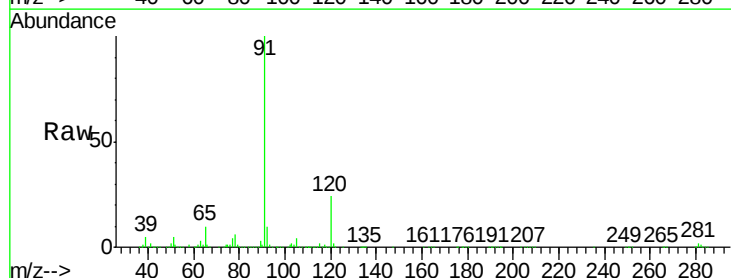
Acq: 24 Apr 2018 18:54

Tgt Ion: 91 Resp: 826520

Ion Ratio Lower Upper

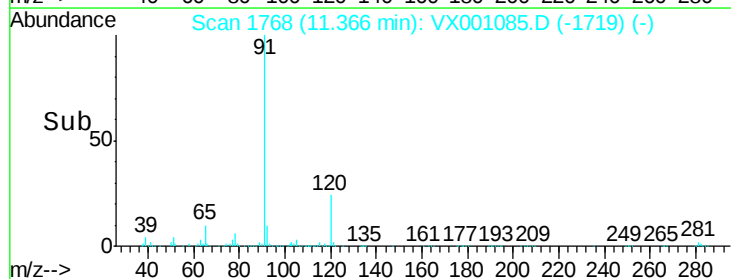
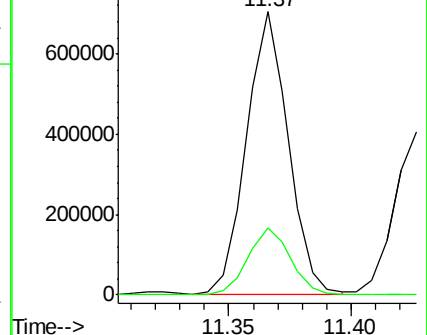
91 100

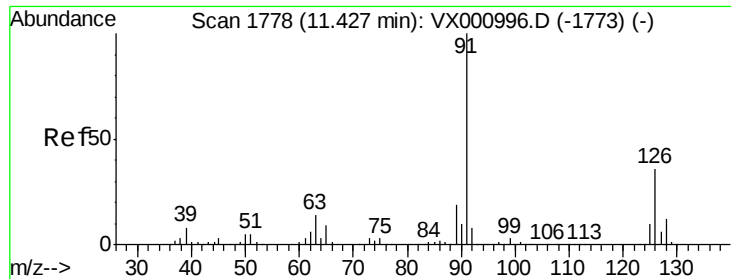
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

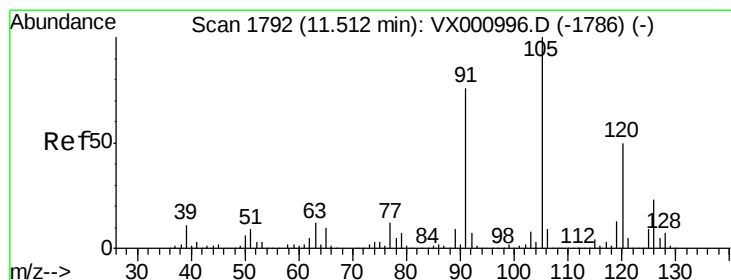
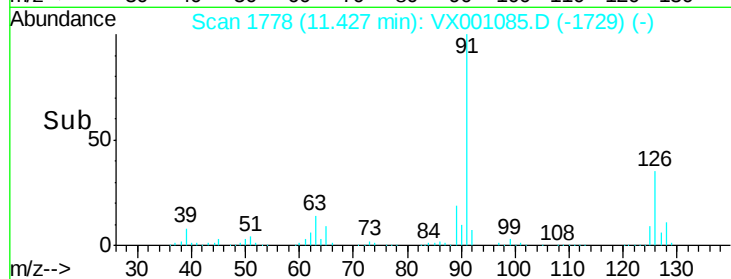
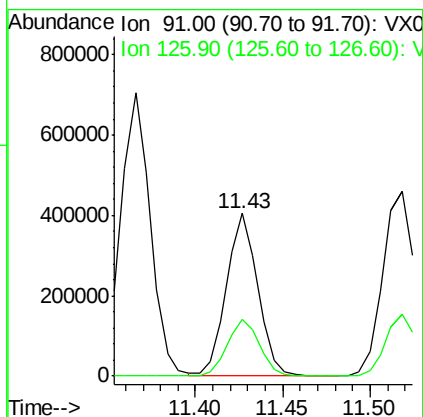
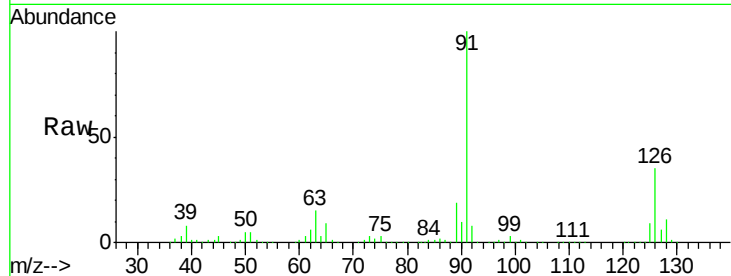




#79
 2-Chlorotoluene
 Concen: 49.07 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

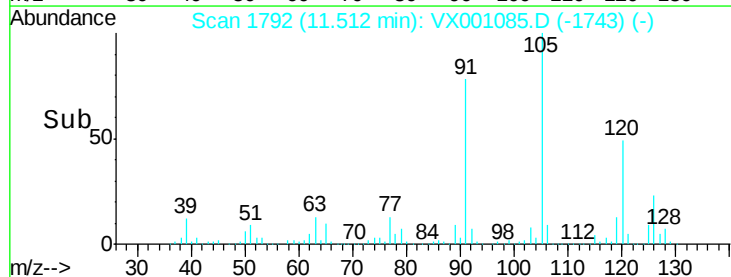
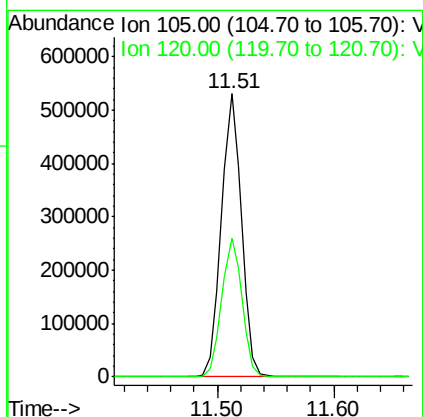
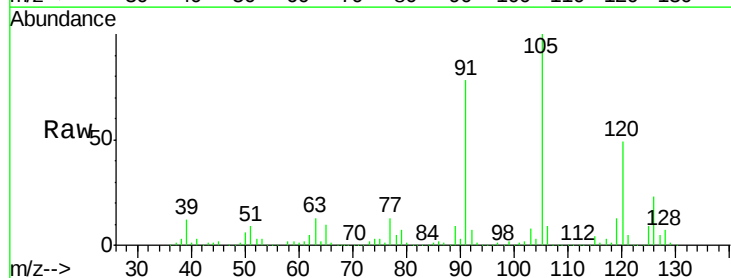
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

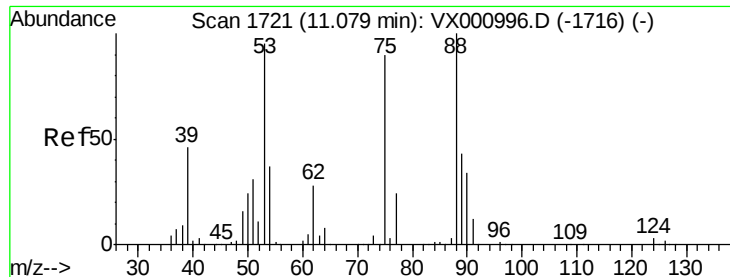
Tgt Ion: 91 Resp: 500363
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.47 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion: 105 Resp: 630402
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 37.65 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

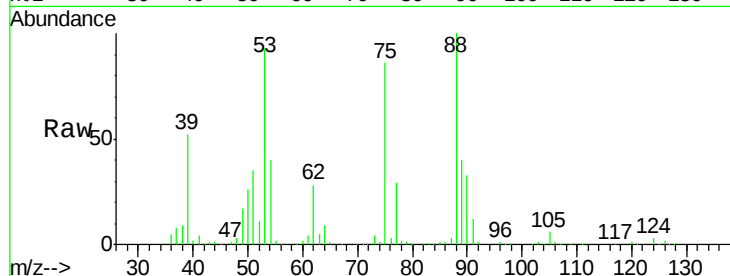
Tgt Ion: 75 Resp: 47830

Ion Ratio Lower Upper

75 100

53 111.0 83.4 125.2

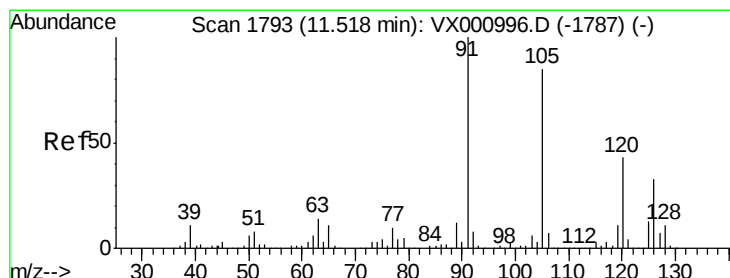
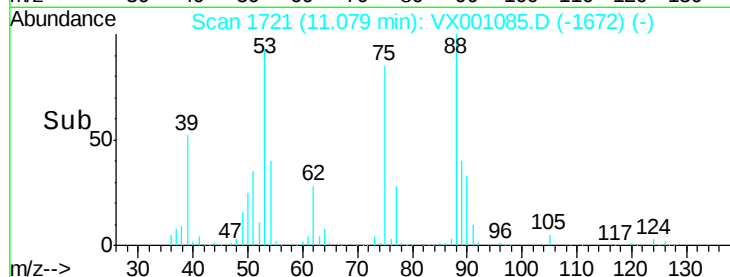
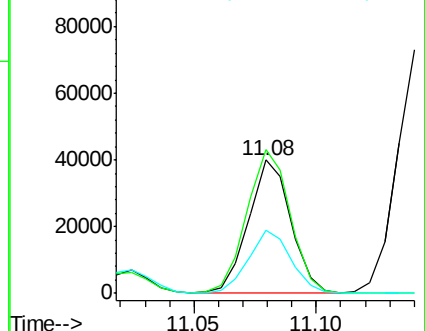
89 47.4 39.7 59.5



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: 47.83 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001085.D

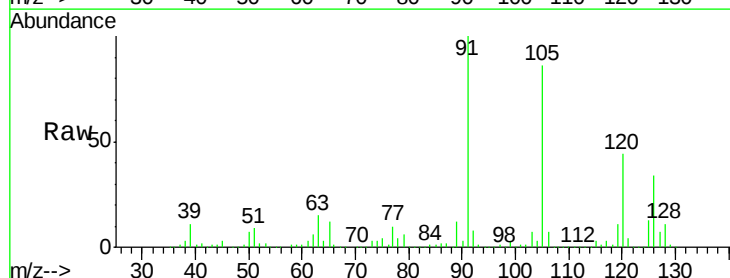
Acq: 24 Apr 2018 18:54

Tgt Ion: 91 Resp: 589314

Ion Ratio Lower Upper

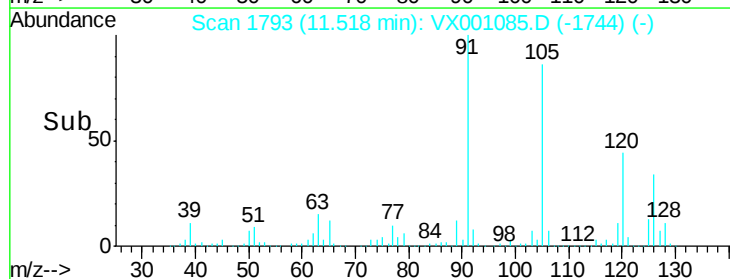
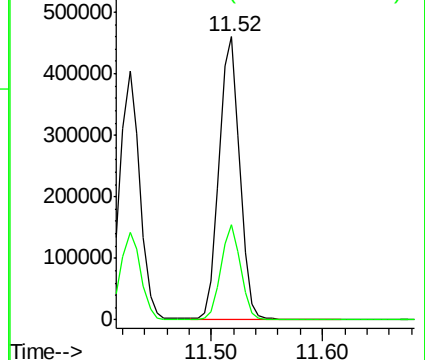
91 100

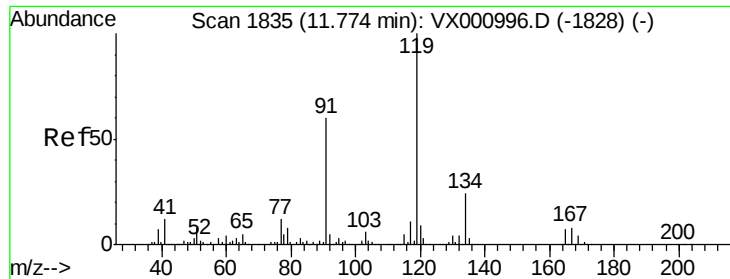
126 32.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

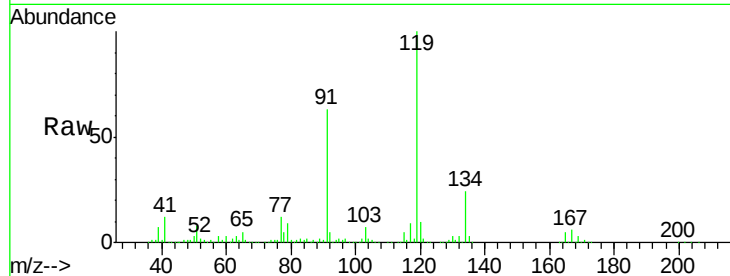




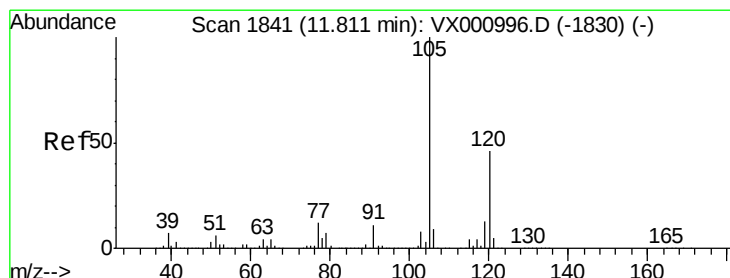
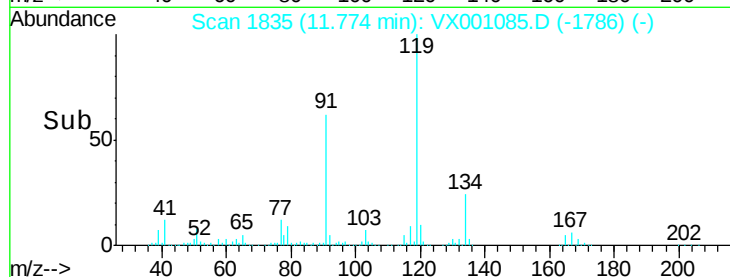
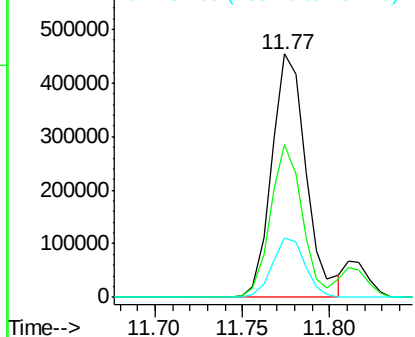
#83
 tert-Butylbenzene
 Concen: 48.41 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 622326
 Ion Ratio Lower Upper
 119 100
 91 57.6 27.0 81.0
 134 23.6 11.6 34.7

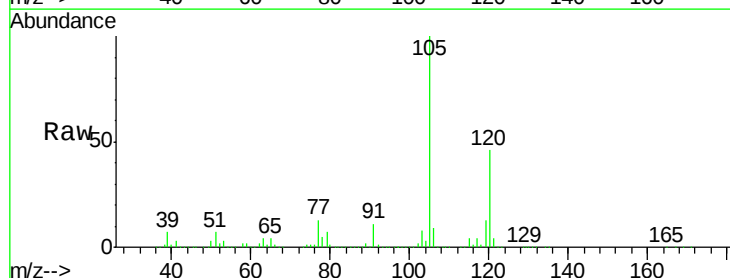


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

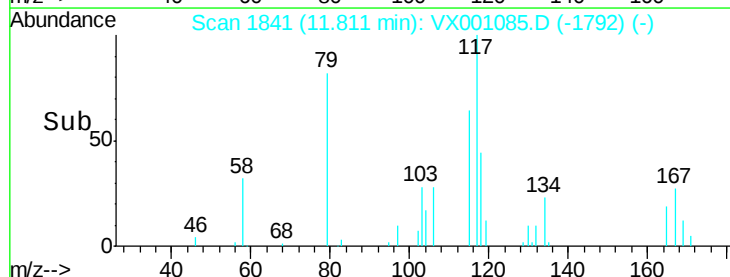
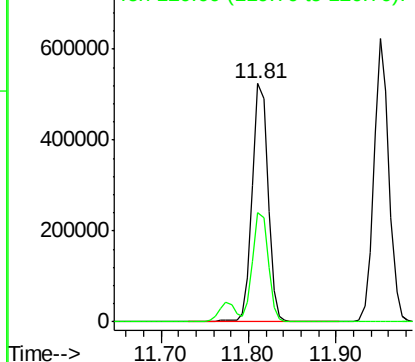


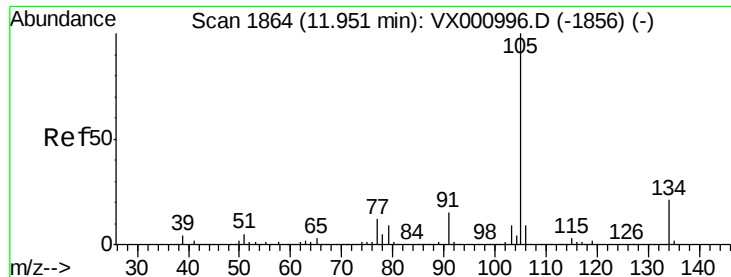
#84
 1,2,4-Trimethylbenzene
 Concen: 49.49 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion:105 Resp: 648938
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

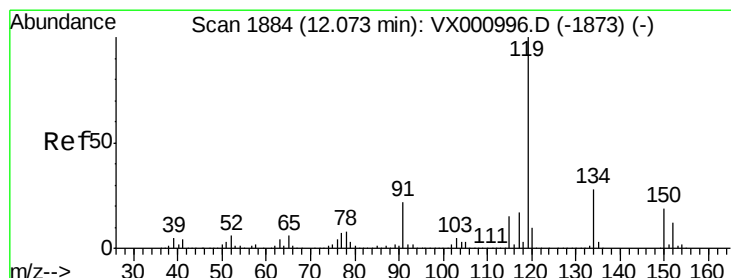
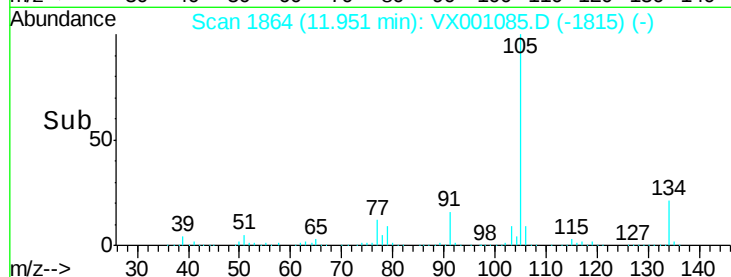
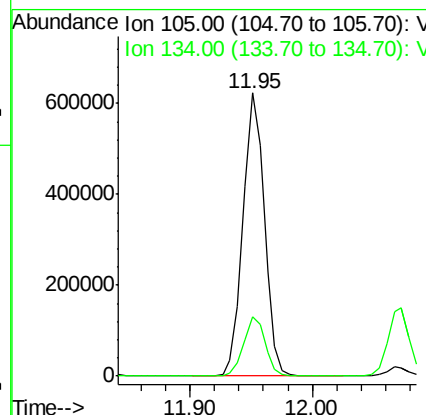
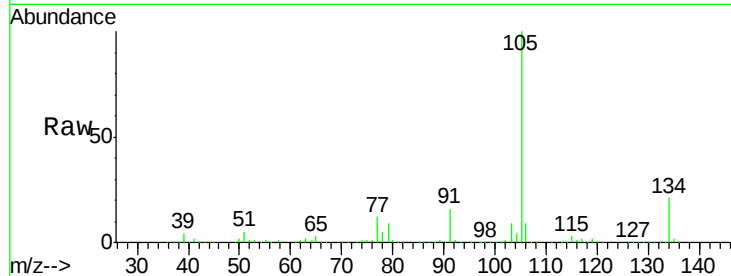




#85
 sec-Butylbenzene
 Concen: 49.01 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

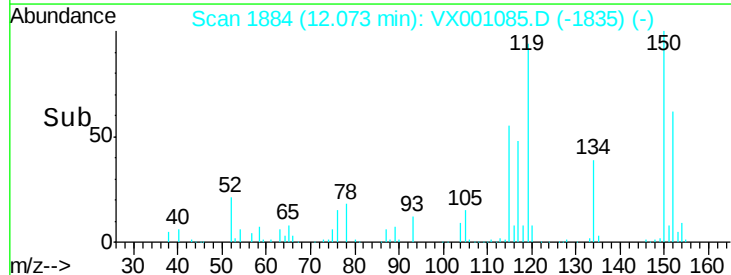
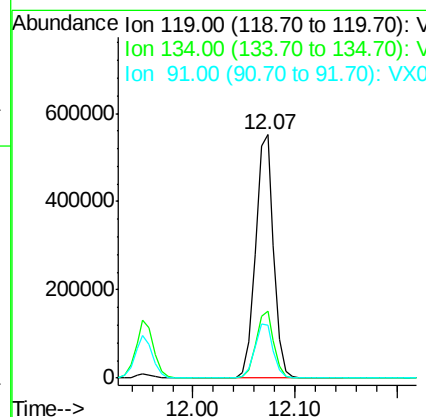
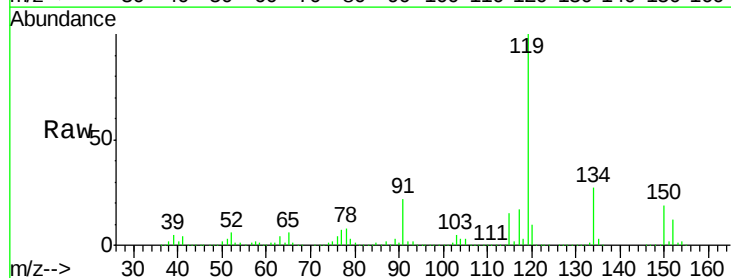
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

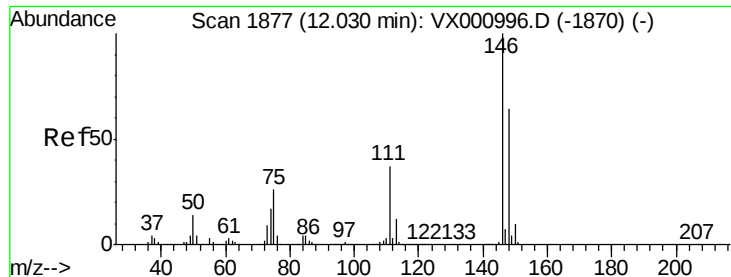
Tgt Ion:105 Resp: 751971
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 48.11 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion:119 Resp: 682941
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.5
 91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 46.78 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

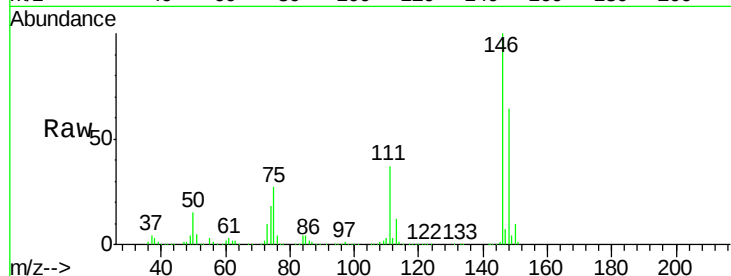
Tgt Ion:146 Resp: 382167

Ion Ratio Lower Upper

146 100

111 37.0 18.3 54.8

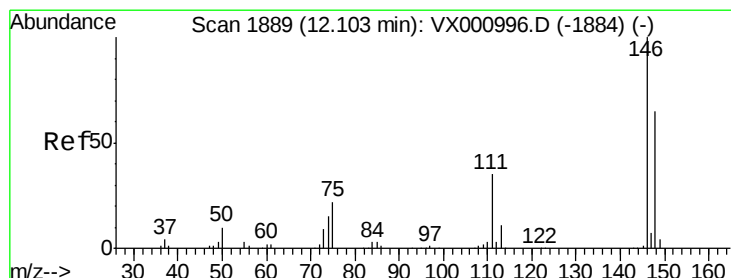
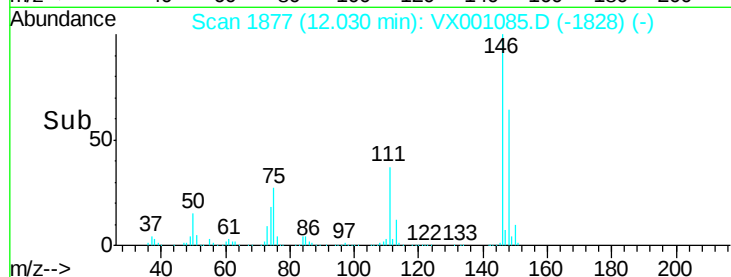
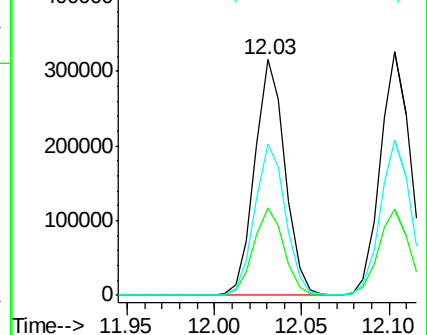
148 64.9 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 46.67 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

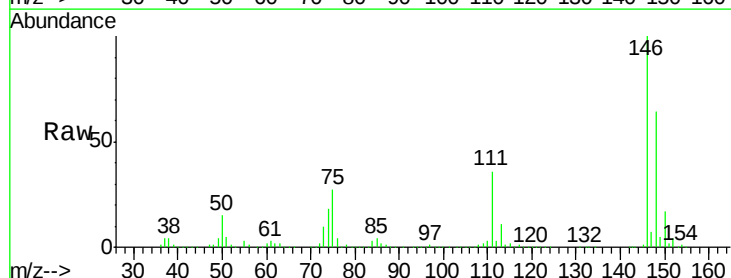
Tgt Ion:146 Resp: 391284

Ion Ratio Lower Upper

146 100

111 36.0 18.0 54.0

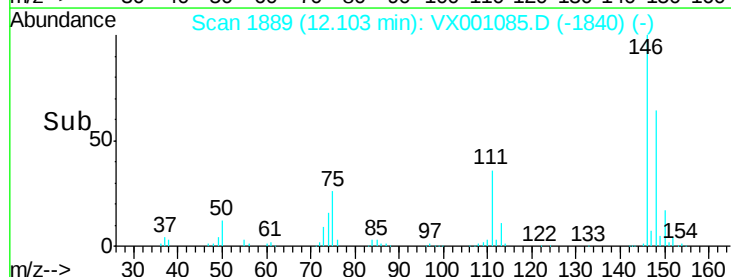
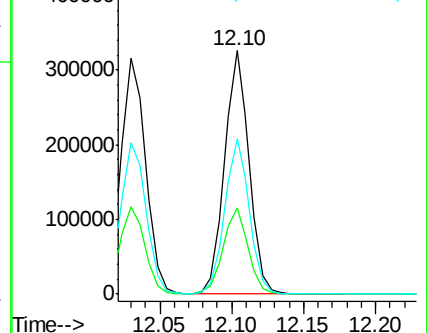
148 63.9 32.4 97.0

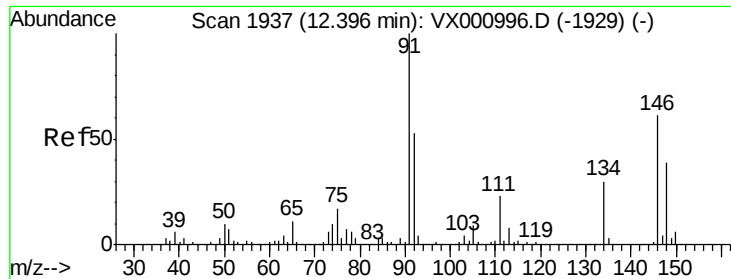


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.15 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

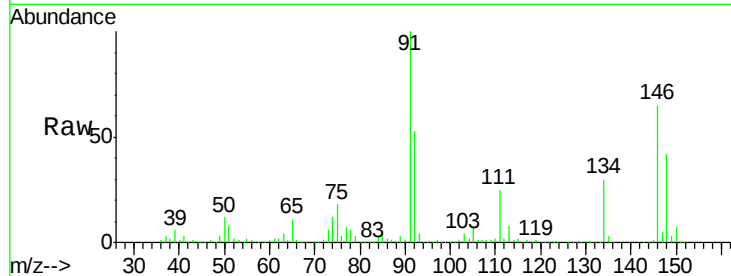
Tgt Ion: 91 Resp: 582804

Ion Ratio Lower Upper

91 100

92 52.2 26.3 78.9

134 28.2 14.4 43.0

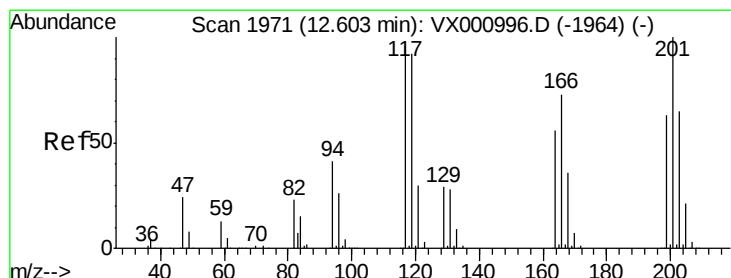
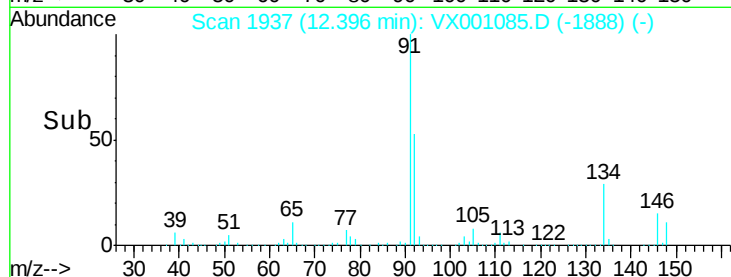


Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000996.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000996.D (-1929) (-)

Time--> 12.30 12.40 12.50



#90

Hexachloroethane

Concen: 51.68 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001085.D

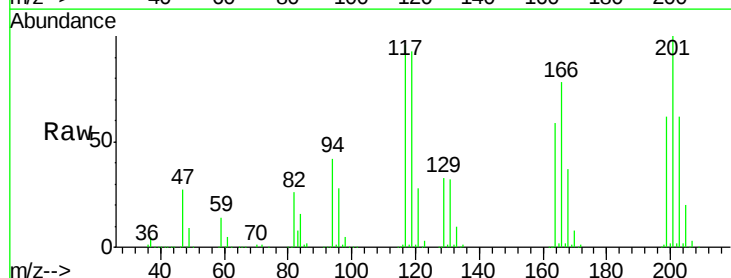
Acq: 24 Apr 2018 18:54

Tgt Ion: 117 Resp: 103937

Ion Ratio Lower Upper

117 100

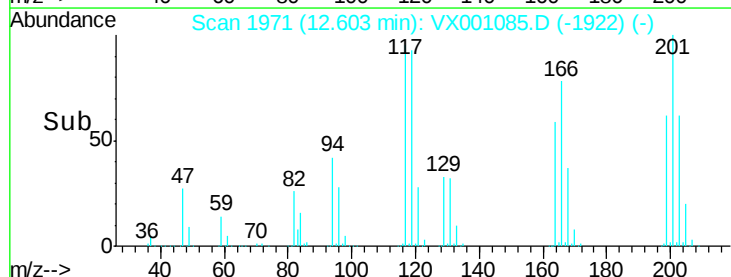
201 104.4 52.3 157.1

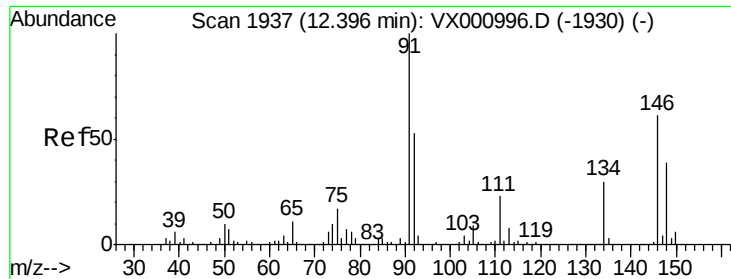


Abundance Ion 116.80 (116.50 to 117.50): VX000996.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000996.D (-1964) (-)

Time--> 12.55 12.60 12.65

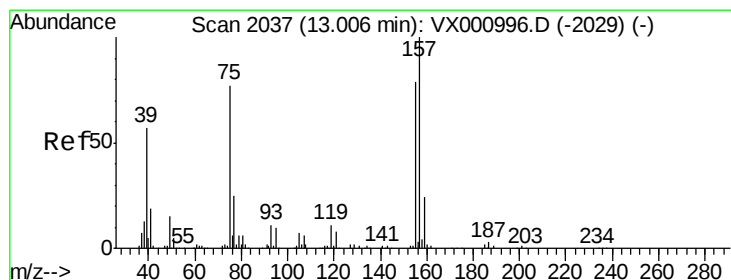
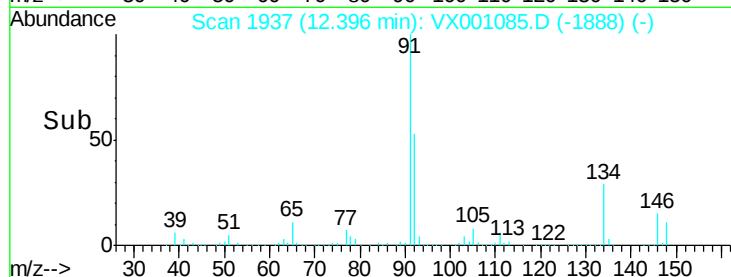
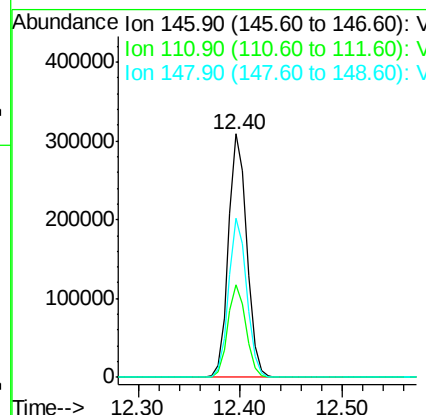
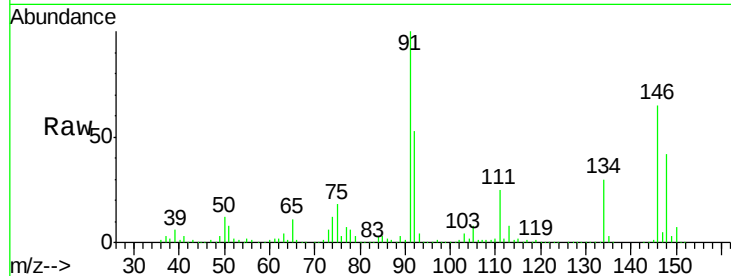




#91
 1,2-Dichlorobenzene
 Concen: 48.74 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

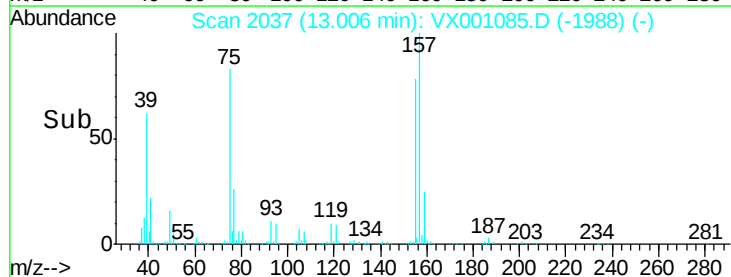
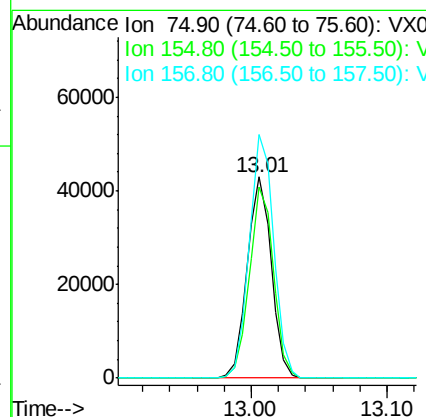
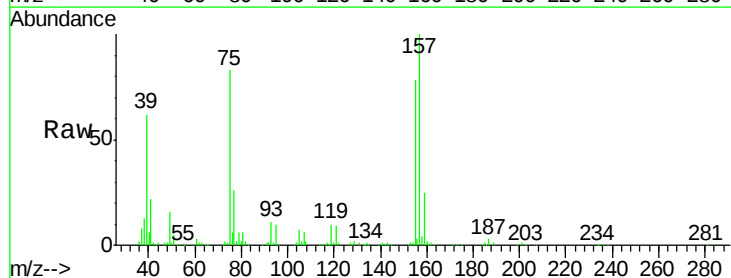
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

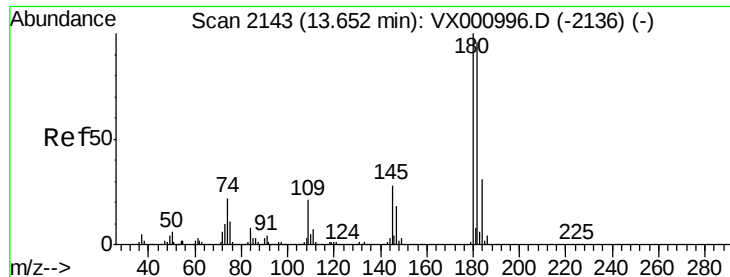
Tgt Ion: 146 Resp: 385472
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 56.0
 148 64.4 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.58 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion: 75 Resp: 53117
 Ion Ratio Lower Upper
 75 100
 155 95.1 51.0 153.0
 157 123.0 64.9 194.7

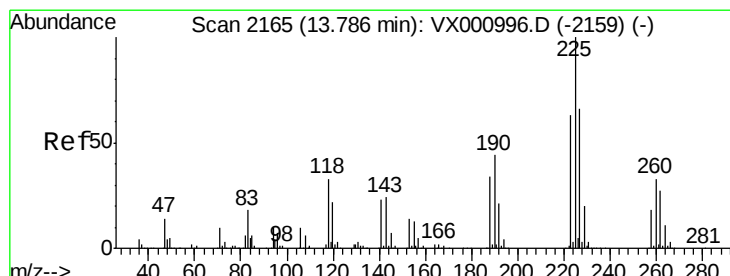
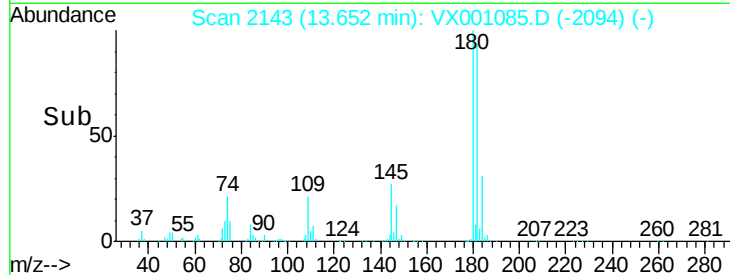
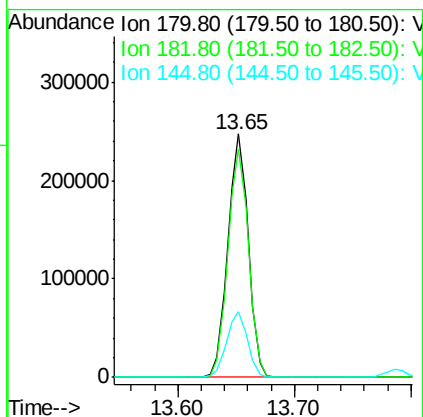
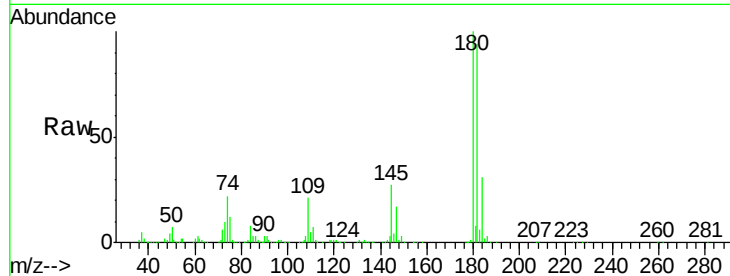




#93
 1,2,4-Trichlorobenzene
 Concen: 45.24 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

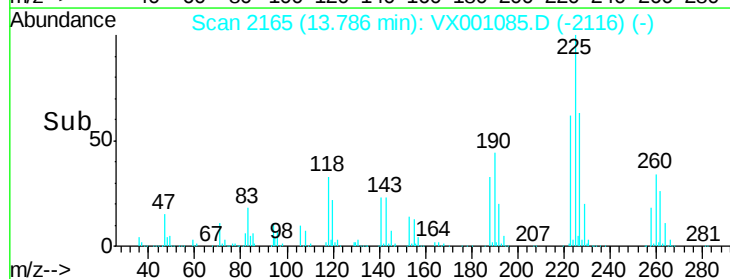
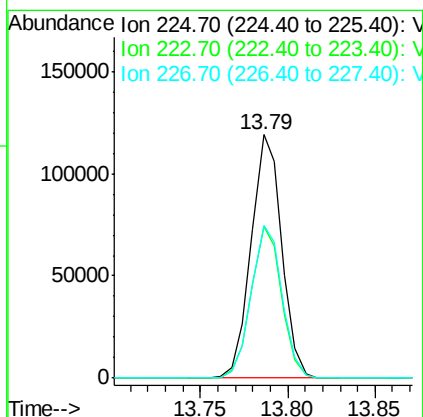
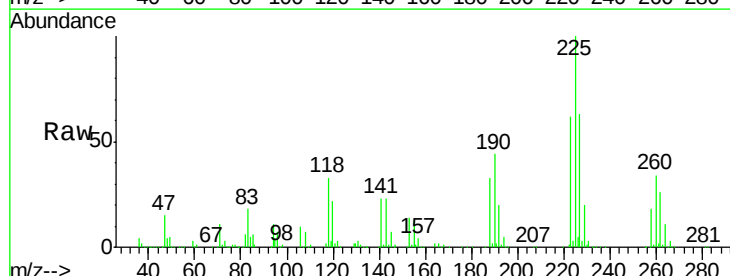
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

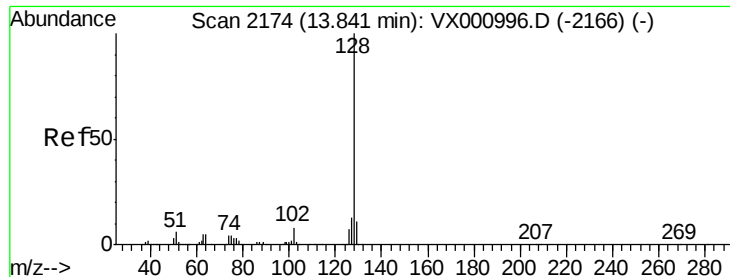
Tgt Ion:180 Resp: 300299
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.0 144.0
 145 27.2 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 48.40 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion:225 Resp: 145382
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.5 94.5
 227 63.3 32.6 97.8

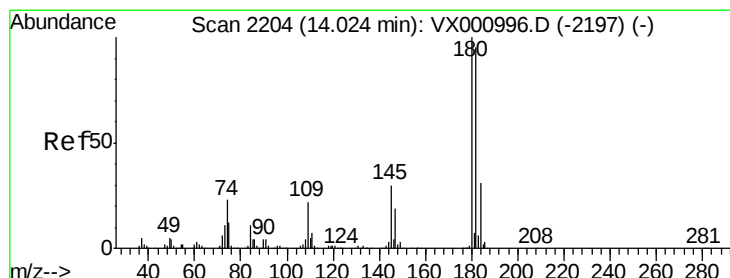
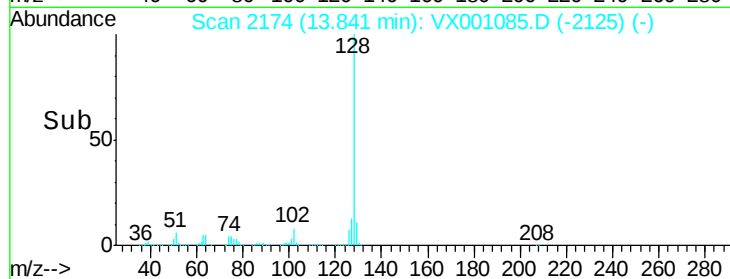
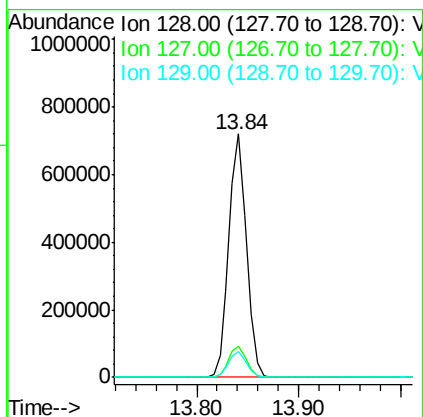
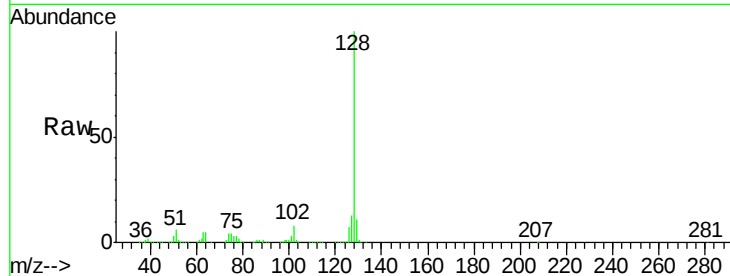




#95
Naphthalene
Concen: 52.50 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 857176
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.15 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion:180 Resp: 302720
Ion Ratio Lower Upper
180 100
182 97.2 47.9 143.7
145 29.2 14.5 43.6

