

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
 Data File : VX001416.D
 Acq On : 05 May 2018 13:24
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: May 06 07:41:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254200	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193216	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.51	113	156361	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.72	98	579403	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	225046	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	188769	59.82	ug/l	100
3) Chloromethane	1.32	50	172136	55.48	ug/l	100
4) Vinyl Chloride	1.40	62	182187	56.12	ug/l	100
5) Bromomethane	1.64	94	85892	33.60	ug/l	100
6) Chloroethane	1.71	64	119191	57.48	ug/l	100
7) Trichlorofluoromethane	1.92	101	278076	51.66	ug/l	100
8) Diethyl Ether	2.19	74	107017	56.71	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	160648	51.53	ug/l	100
10) Methyl Iodide	2.51	142	246363	71.77	ug/l	100
11) Tert butyl alcohol	3.09	59	203016	294.98	ug/l	100
12) 1,1-Dichloroethene	2.37	96	147899	52.47	ug/l	100
13) Acrolein	2.30	56	40100	118.79	ug/l	100
14) Allyl chloride	2.73	41	277868	55.86	ug/l	100
15) Acrylonitrile	3.15	53	457616	289.15	ug/l	100
16) Acetone	2.45	43	421515	255.74	ug/l	100
17) Carbon Disulfide	2.57	76	384213	52.17	ug/l	100
18) Methyl Acetate	2.78	43	226132	56.99	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	513071	53.39	ug/l	100
20) Methylene Chloride	2.86	84	165900	46.24	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	160625	52.24	ug/l	100
22) Diisopropyl ether	3.88	45	511627	53.67	ug/l	100
23) Vinyl Acetate	3.83	43	2194757	271.98	ug/l	100
24) 1,1-Dichloroethane	3.70	63	286901	53.90	ug/l	100
25) 2-Butanone	4.72	43	627627	277.21	ug/l	100
26) 2,2-Dichloropropane	4.59	77	227903	52.97	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	172659	51.28	ug/l	100
28) Bromochloromethane	5.03	49	127145	53.99	ug/l	100
29) Tetrahydrofuran	5.18	42	402456	286.75	ug/l	100
30) Chloroform	5.22	83	297509	53.11	ug/l	100
31) Cyclohexane	5.58	56	250795	52.41	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	267092	54.54	ug/l	100
36) 1,1-Dichloropropene	5.81	75	220585	52.53	ug/l	100
37) Ethyl Acetate	4.87	43	242649	56.56	ug/l	100
38) Carbon Tetrachloride	5.79	117	245123	55.48	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	267111	53.75	ug/l	100
40) Benzene	6.15	78	655668	54.19	ug/l	100
41) Methacrylonitrile	5.07	41	135996	54.56	ug/l	100
42) 1,2-Dichloroethane	6.20	62	249890	53.29	ug/l	100
43) Isopropyl Acetate	6.48	43	386376	56.16	ug/l	100
44) Trichloroethene	7.22	130	196557	53.09	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160869	52.20	ug/l	100
46) Dibromomethane	7.67	93	114843	52.92	ug/l	100
47) Bromodichloromethane	7.90	83	222563	56.98	ug/l	100
48) Methyl methacrylate	7.79	41	210522	57.16	ug/l	100
49) 1,4-Dioxane	7.76	88	90551	1272.65	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1278079	287.24	ug/l	100
52) Toluene	8.79	92	433360	54.77	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	259890	56.17	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	240433	56.71	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	170894	53.75	ug/l	100
56) Ethyl methacrylate	9.19	69	259999	58.44	ug/l	100
57) 1,3-Dichloropropane	9.38	76	286834	55.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	650433	300.87	ug/l	100
59) 2-Hexanone	9.51	43	992570	286.31	ug/l	100
60) Dibromochloromethane	9.59	129	191860	57.57	ug/l	100
61) 1,2-Dibromoethane	9.68	107	185853	55.02	ug/l	100
64) Tetrachloroethene	9.34	164	240816	56.78	ug/l	100
65) Chlorobenzene	10.15	112	497729	52.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	185576	55.73	ug/l	100
67) Ethyl Benzene	10.26	91	829337	52.71	ug/l	100
68) m/p-Xylenes	10.37	106	666327	107.43	ug/l	100
69) o-Xylene	10.71	106	325372	53.92	ug/l	100
70) Styrene	10.72	104	536467	54.39	ug/l	100
71) Bromoform	10.87	173	159146	56.61	ug/l	100
73) Isopropylbenzene	11.02	105	870903	50.69	ug/l	100
74) N-amyl acetate	6.48	43	386376	52.22	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	248842	48.73	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	302993	63.79	ug/l	88
77) Bromobenzene	11.26	156	244473	49.56	ug/l	100
78) n-propylbenzene	11.37	91	962932	50.61	ug/l	100
79) 2-Chlorotoluene	11.43	91	579632	50.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	732639	51.04	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	72315	58.16	ug/l	100
82) 4-Chlorotoluene	11.52	91	677841	49.28	ug/l	100
83) tert-Butylbenzene	11.77	119	730651	51.06	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	757452	51.42	ug/l	100
85) sec-Butylbenzene	11.95	105	883304	51.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	822415	52.17	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	445743	48.35	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	450285	47.56	ug/l	100
89) n-Butylbenzene	12.40	91	679158	49.79	ug/l	100
90) Hexachloroethane	12.60	117	123284	53.97	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	450897	49.15	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58919	56.43	ug/l	100

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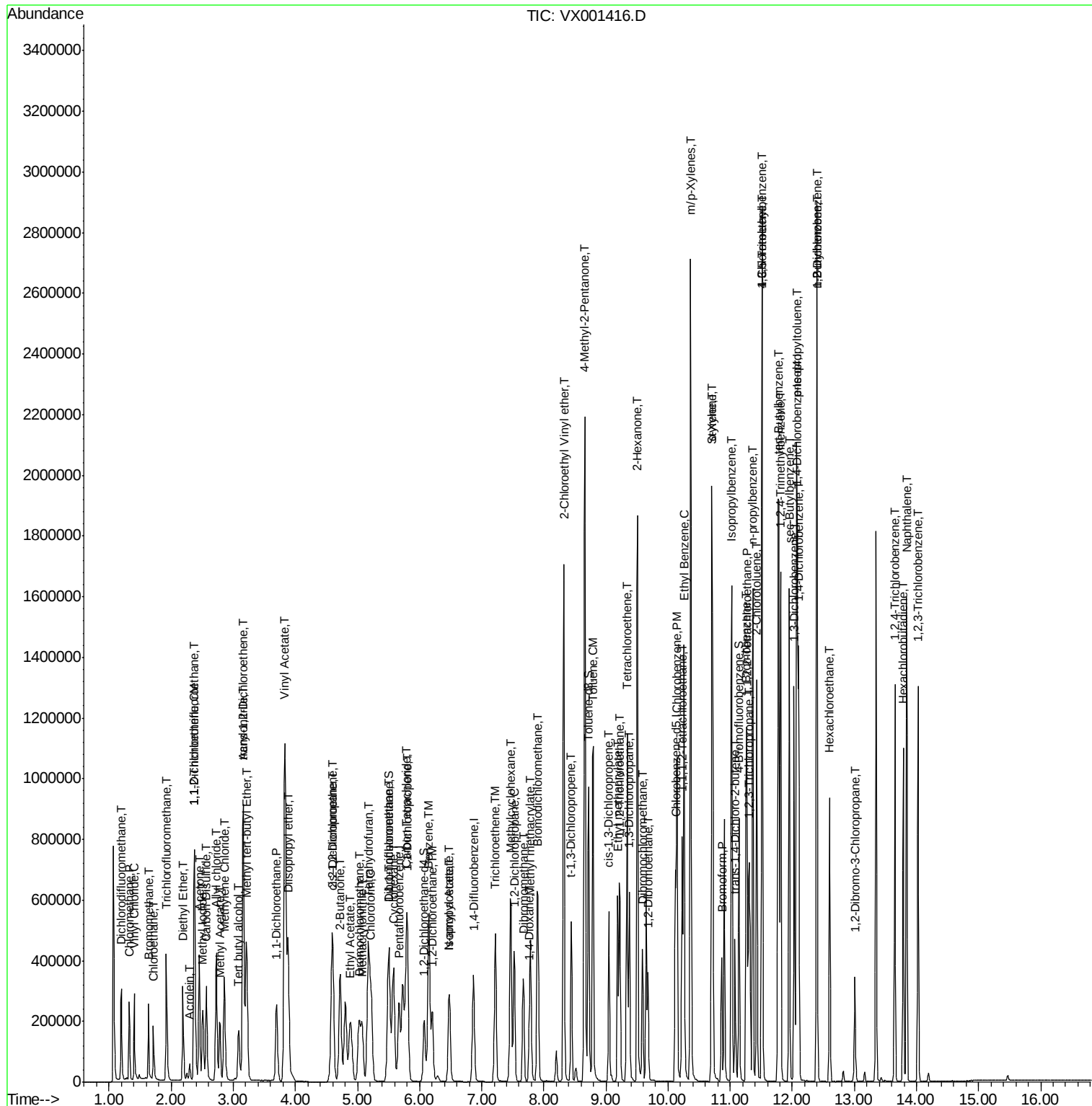
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	342640	46.71	ug/l	100
94) Hexachlorobutadiene	13.79	225	181116	47.04	ug/l	100
95) Naphthalene	13.84	128	974211	51.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	350366	48.45	ug/l	100

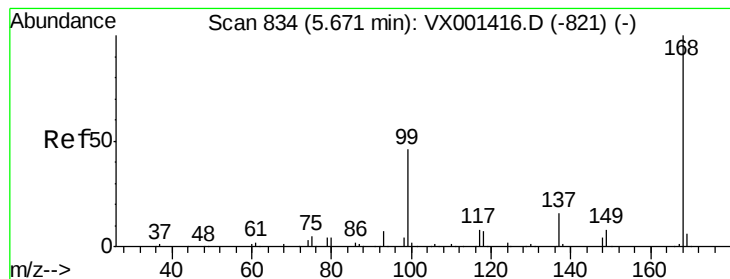
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
VSTDICCC050

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:39:45 2018
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: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

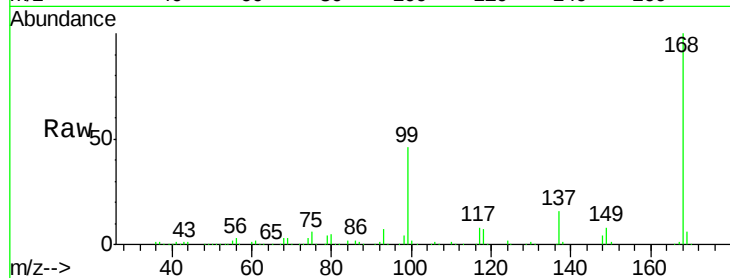
VSTDICCC050

Tgt Ion:168 Resp: 276162

Ion Ratio Lower Upper

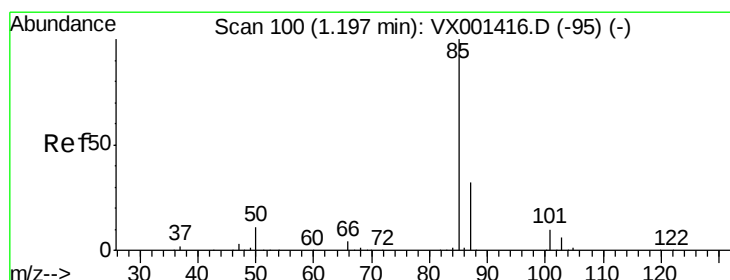
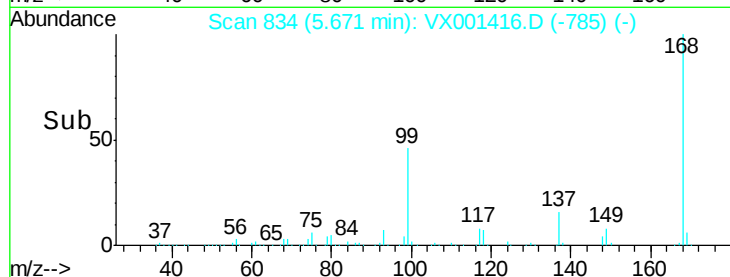
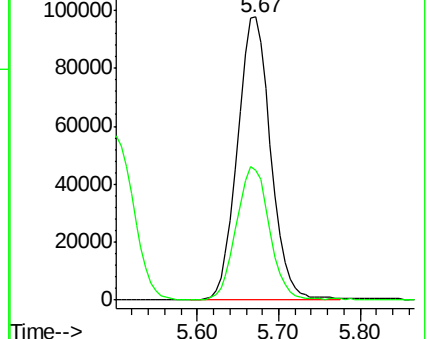
168 100

99 45.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 59.82 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001416.D

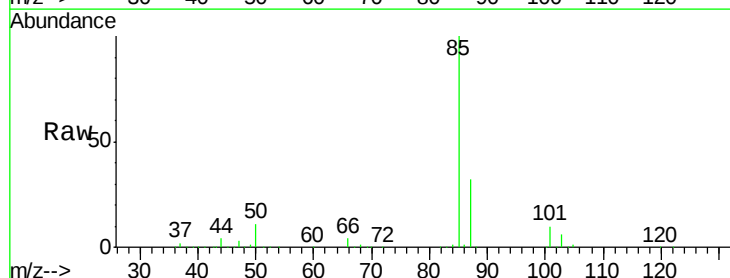
Acq: 05 May 2018 13:24

Tgt Ion: 85 Resp: 188769

Ion Ratio Lower Upper

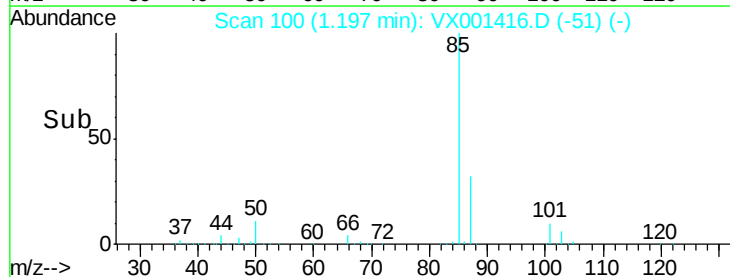
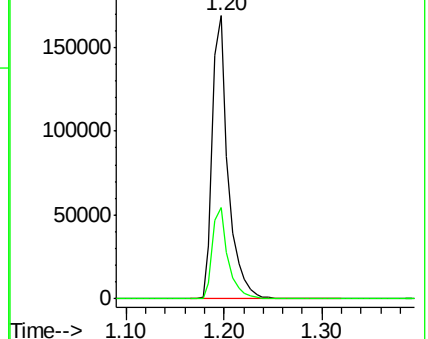
85 100

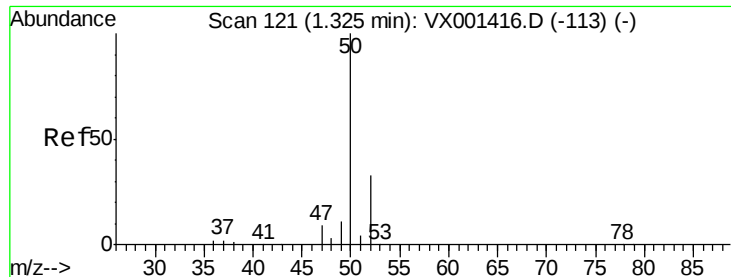
87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

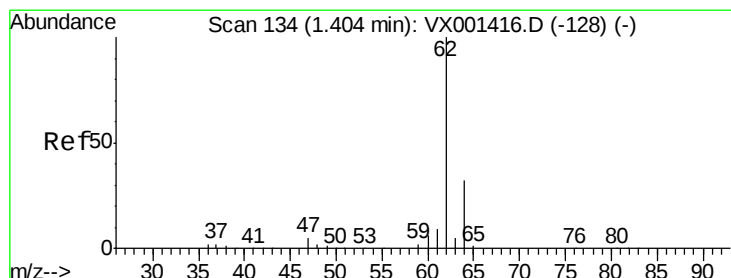
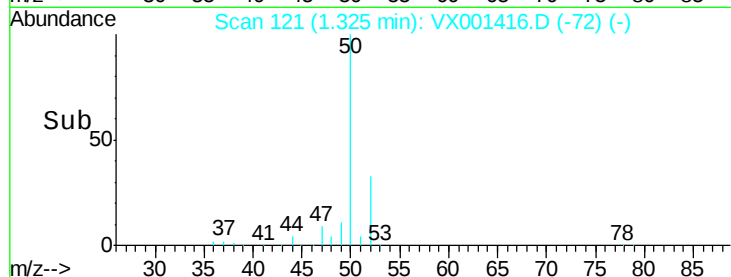
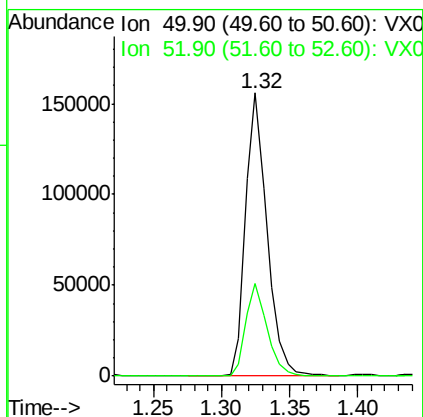
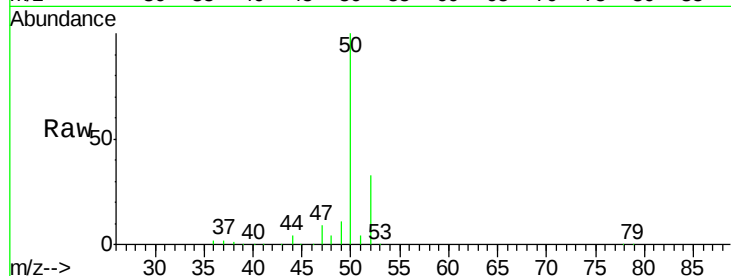




#3
Chloromethane
Concen: 55.48 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

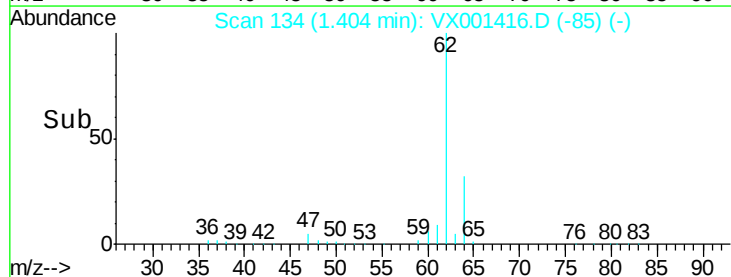
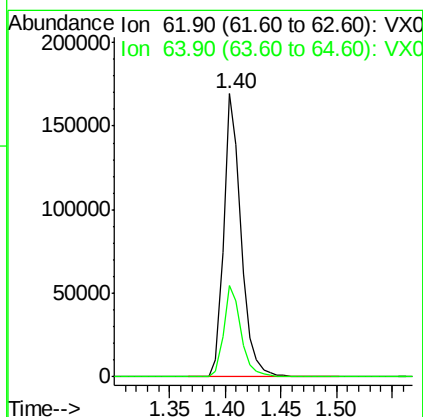
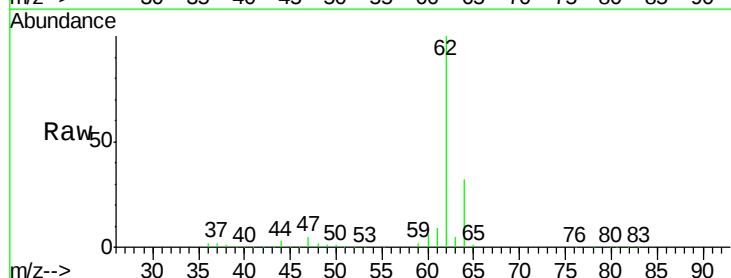
Instrument :
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ClientSampleId :
VSTDICCC050

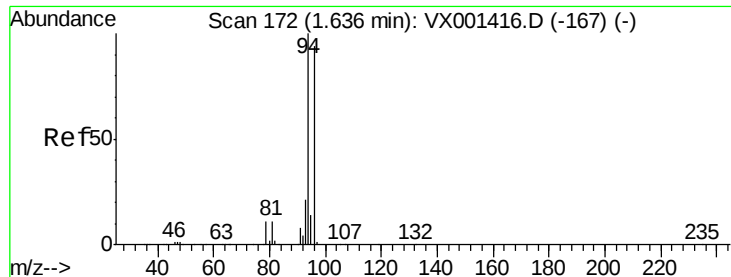
Tgt Ion: 50 Resp: 172136
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4



#4
Vinyl Chloride
Concen: 56.12 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion: 62 Resp: 182187
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5

Bromomethane

Concen: 33.60 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

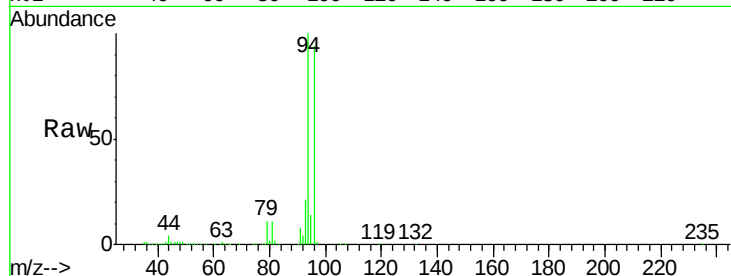
VSTDICCC050

Tgt Ion: 94 Resp: 85892

Ion Ratio Lower Upper

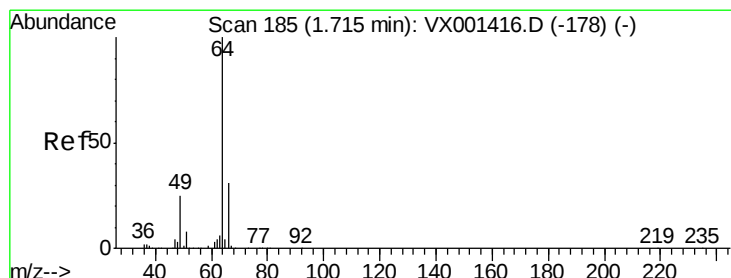
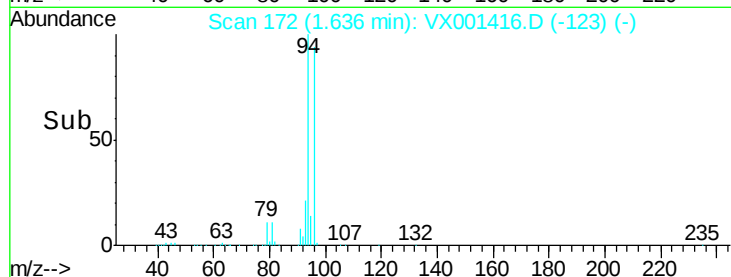
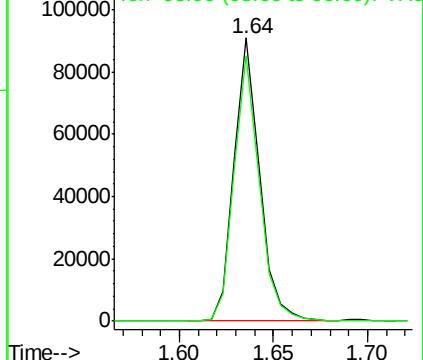
94 100

96 93.8 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.48 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001416.D

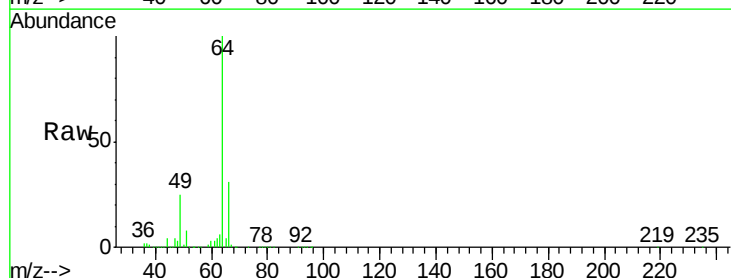
Acq: 05 May 2018 13:24

Tgt Ion: 64 Resp: 119191

Ion Ratio Lower Upper

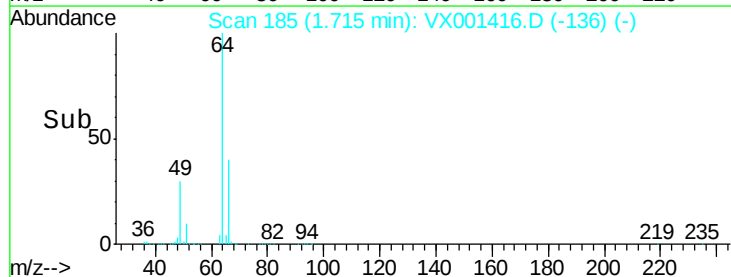
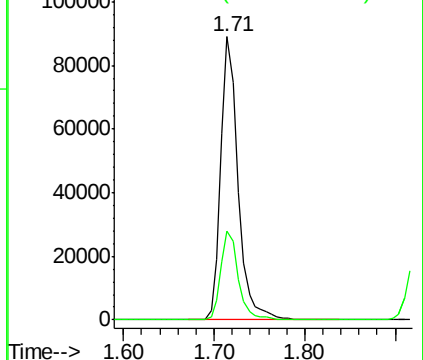
64 100

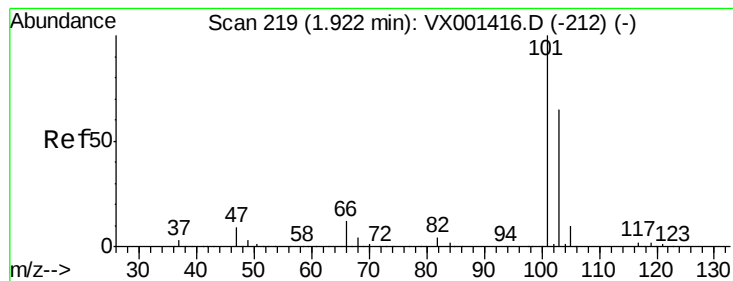
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



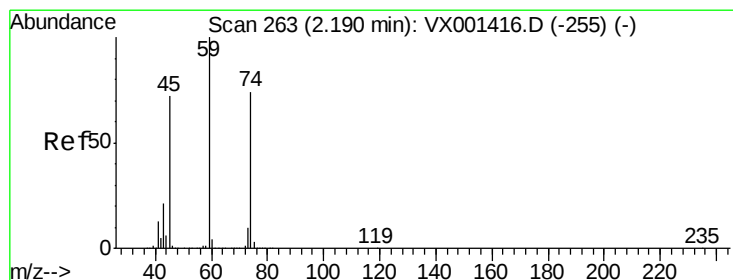
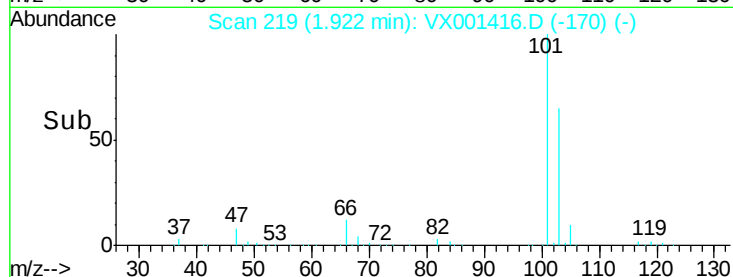
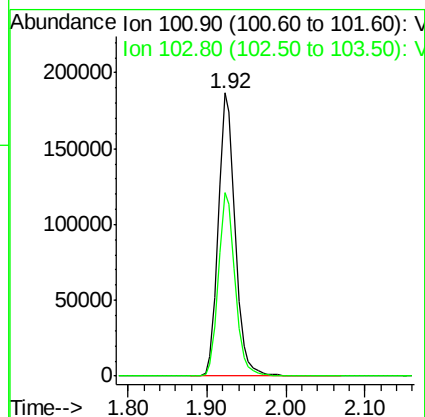
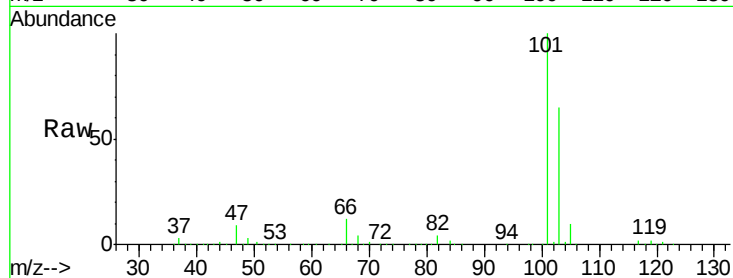


#7

Trichlorofluoromethane
 Concen: 51.66 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Instrument :
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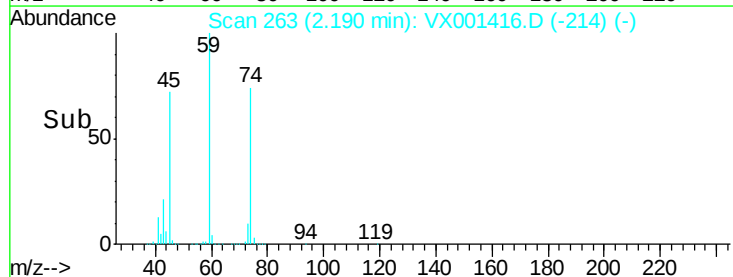
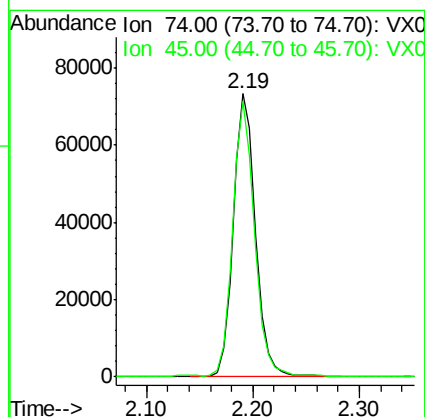
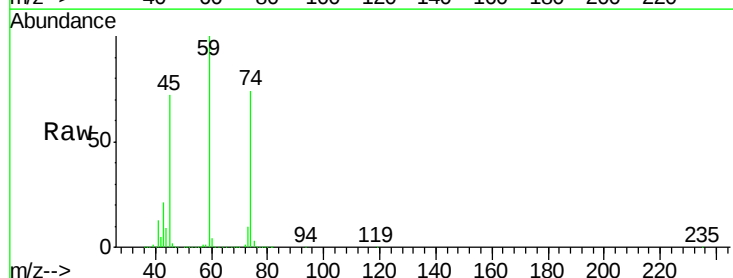
Tgt Ion:101 Resp: 278076
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.0 78.0

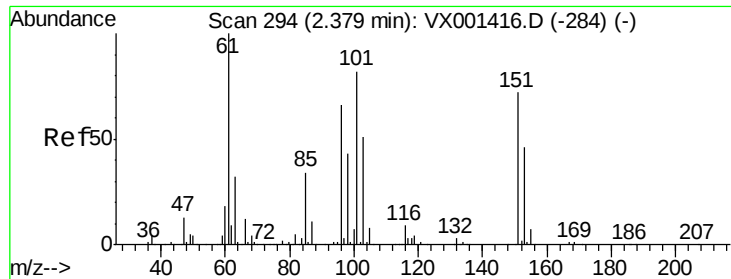


#8

Diethyl Ether
 Concen: 56.71 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion: 74 Resp: 107017
 Ion Ratio Lower Upper
 74 100
 45 95.7 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.53 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

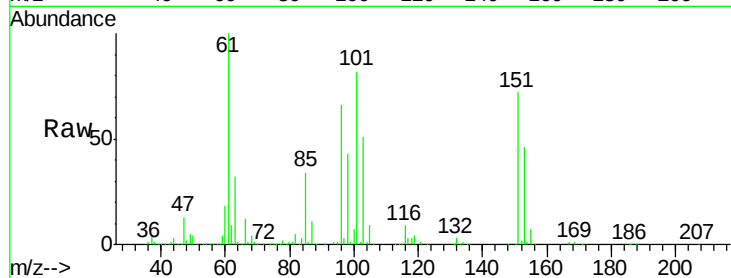
Tgt Ion:101 Resp: 160648

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

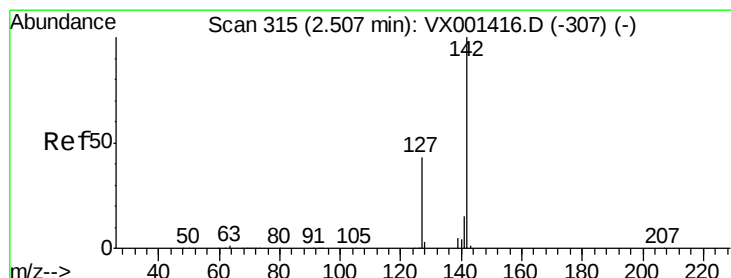
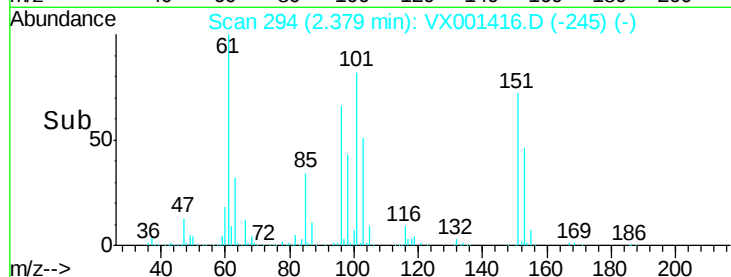
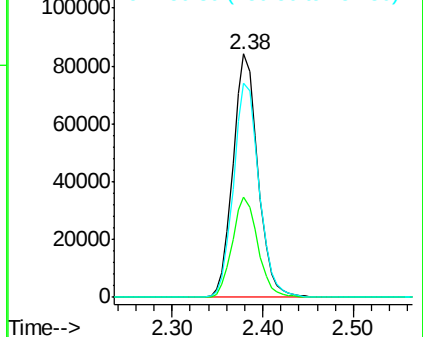
151 90.4 72.3 108.5



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: 71.77 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

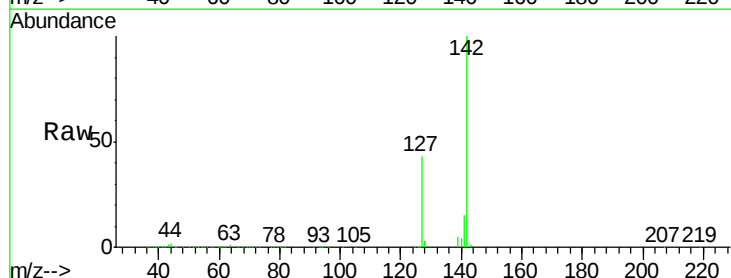
Tgt Ion:142 Resp: 246363

Ion Ratio Lower Upper

142 100

127 42.0 33.6 50.4

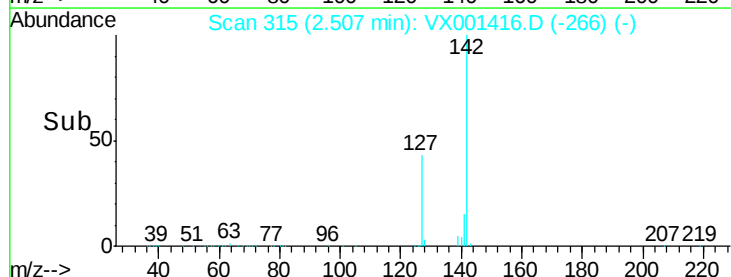
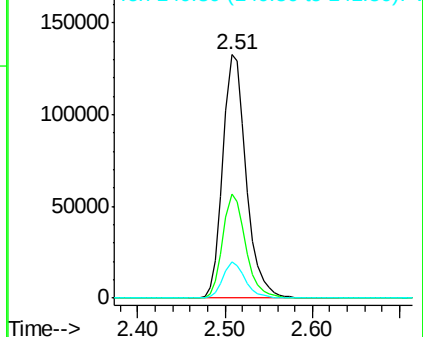
141 14.3 11.4 17.2

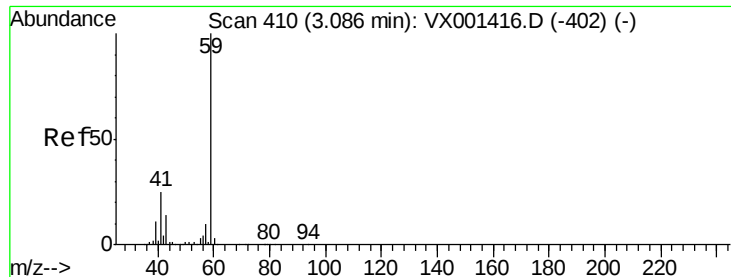


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



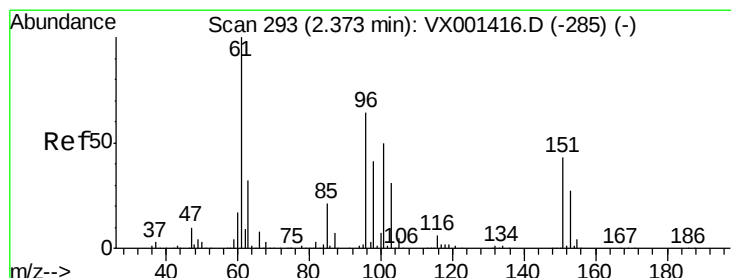
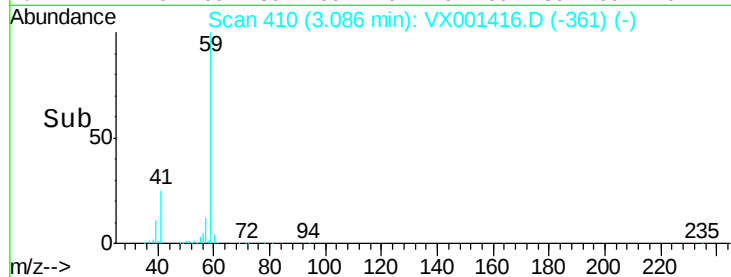
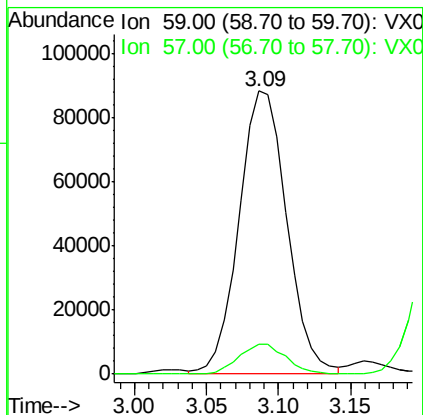
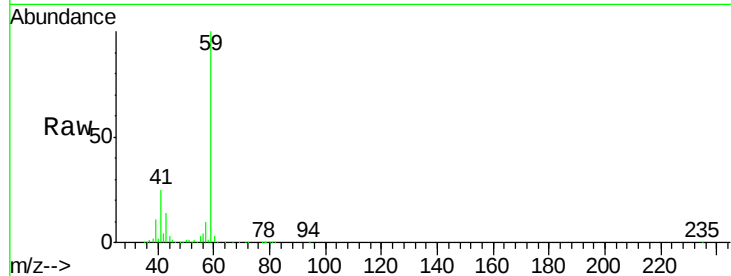


#11

Tert butyl alcohol
 Concen: 294.98 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

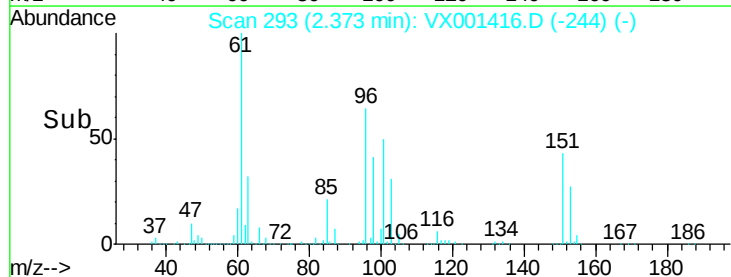
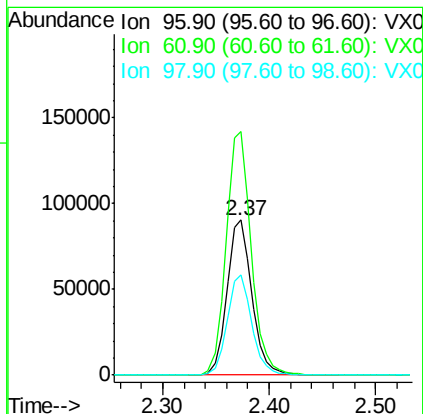
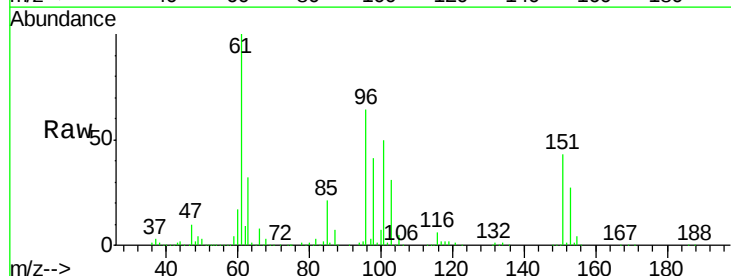
Tgt Ion: 59 Resp: 203016
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

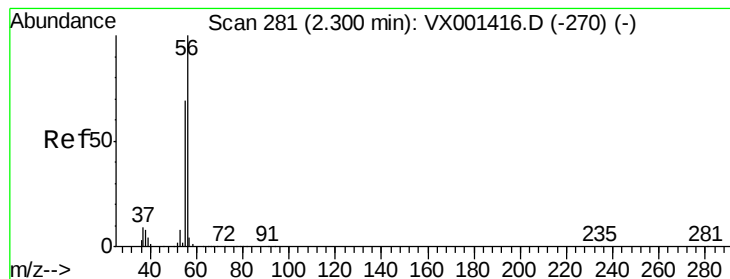


#12

1,1-Dichloroethene
 Concen: 52.47 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion: 96 Resp: 147899
 Ion Ratio Lower Upper
 96 100
 61 157.1 125.7 188.5
 98 65.0 52.0 78.0





#13

Acrolein

Concen: 118.79 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

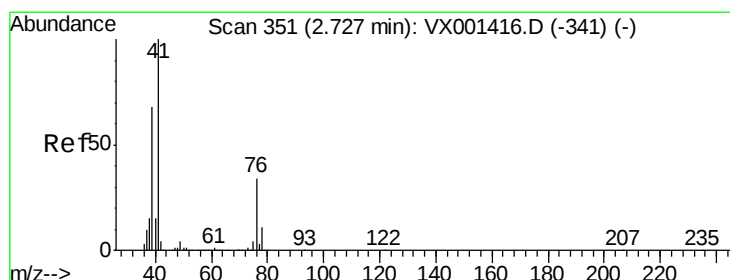
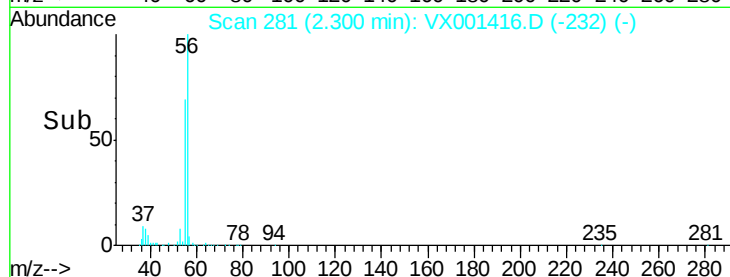
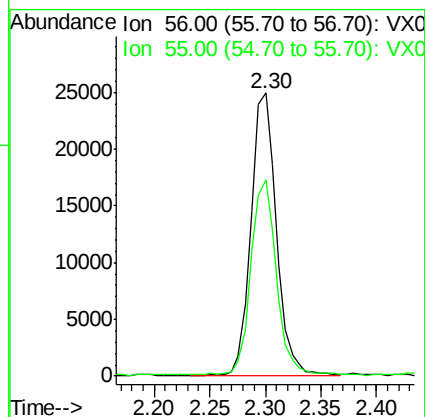
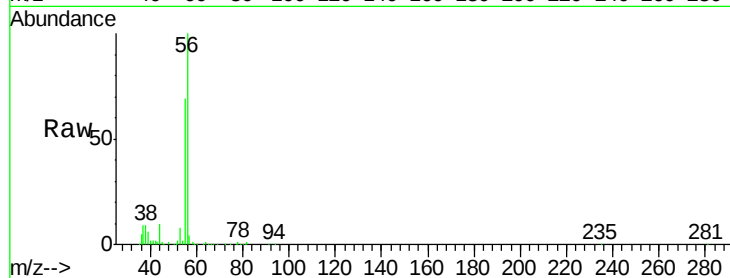
VSTDICCC050

Tgt Ion: 56 Resp: 40100

Ion Ratio Lower Upper

56 100

55 68.1 54.5 81.7



#14

Allyl chloride

Concen: 55.86 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

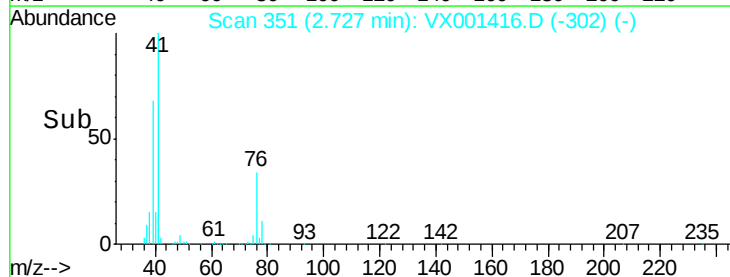
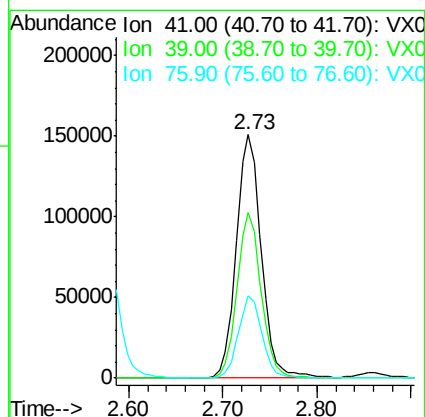
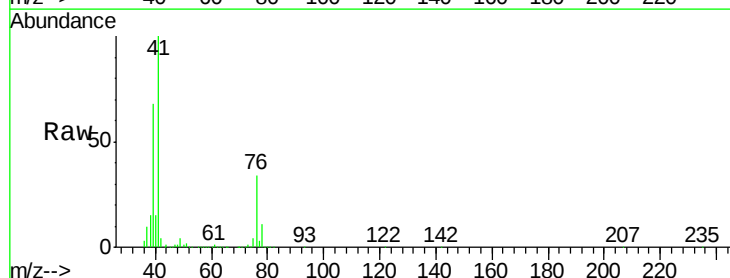
Tgt Ion: 41 Resp: 277868

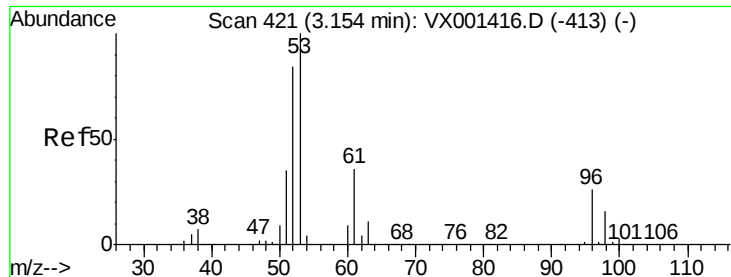
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 32.2 25.8 38.6





#15

Acrylonitrile

Concen: 289.15 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

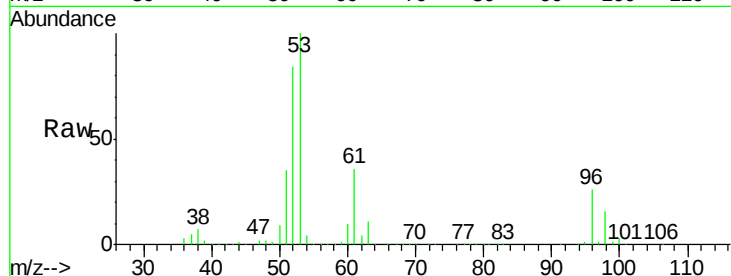
Tgt Ion: 53 Resp: 457616

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

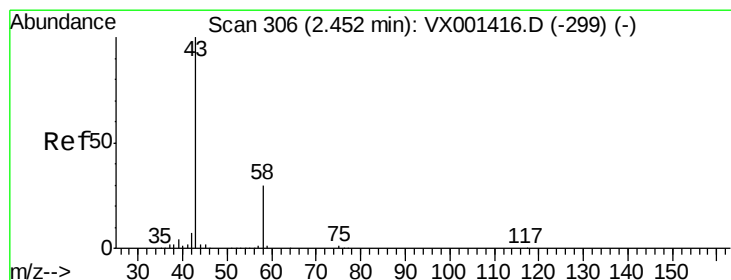
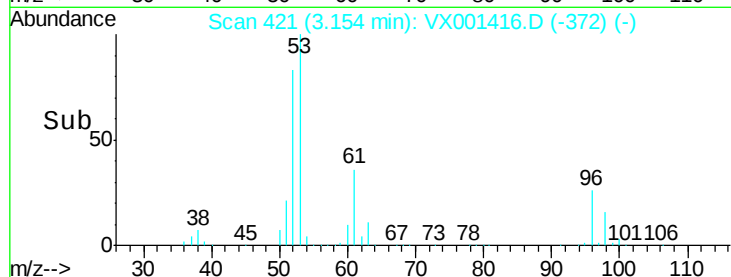
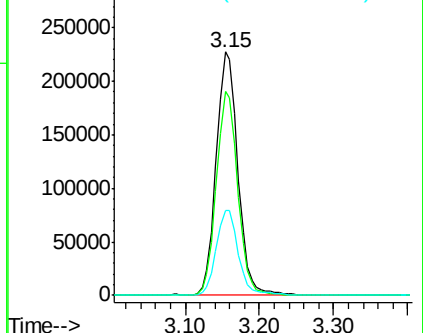
51 35.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 255.74 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001416.D

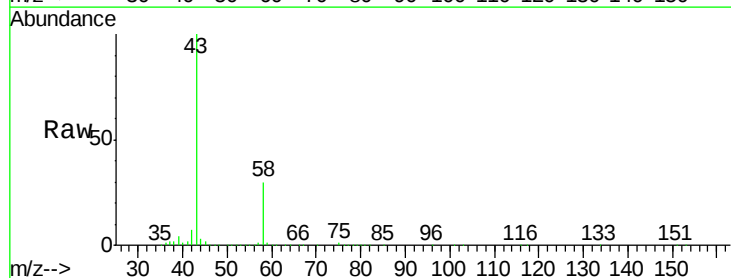
Acq: 05 May 2018 13:24

Tgt Ion: 43 Resp: 421515

Ion Ratio Lower Upper

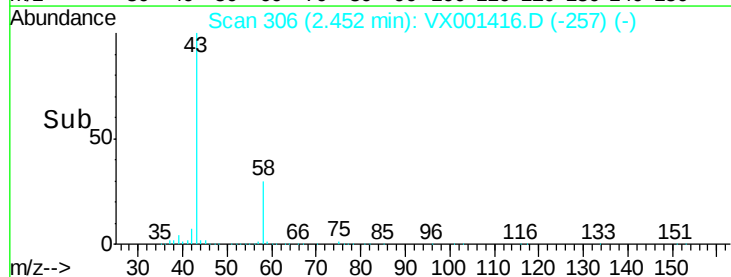
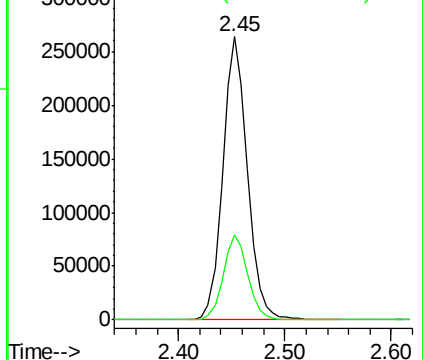
43 100

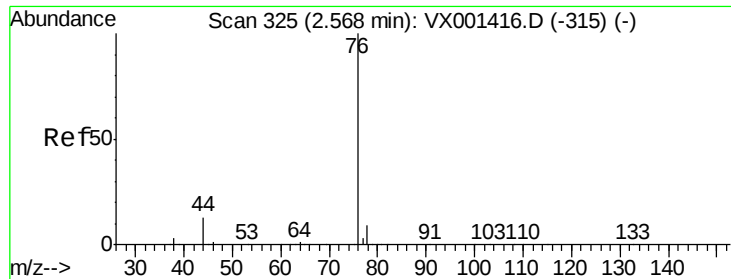
58 29.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

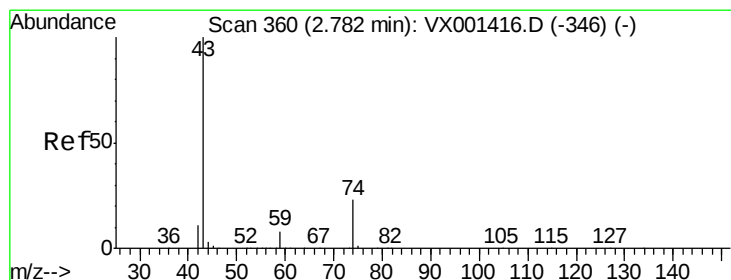
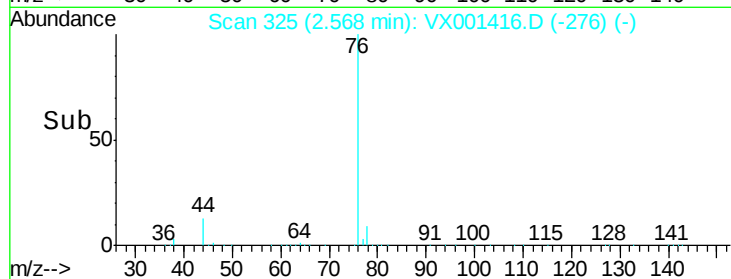
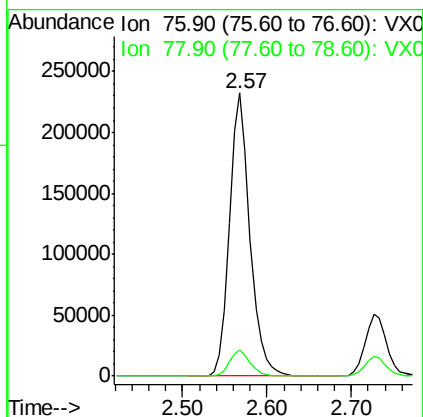
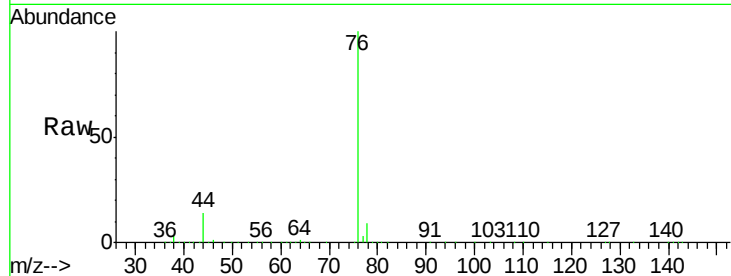




#17
Carbon Disulfide
Concen: 52.17 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

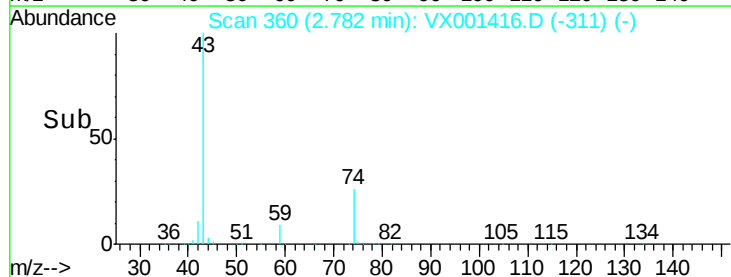
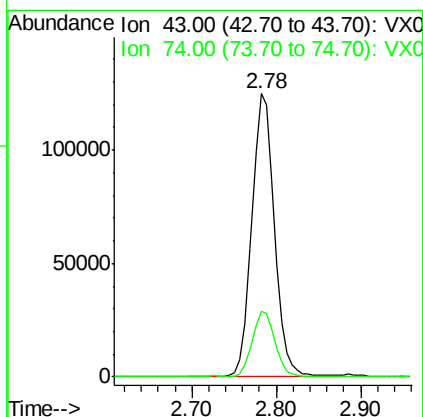
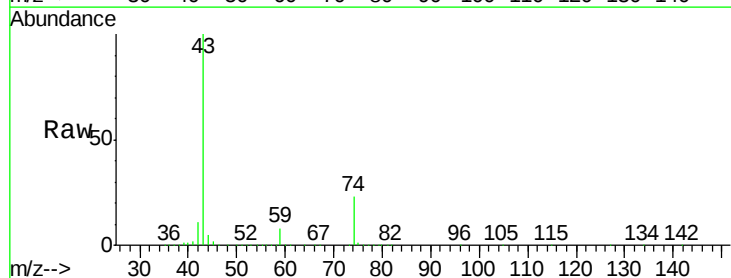
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

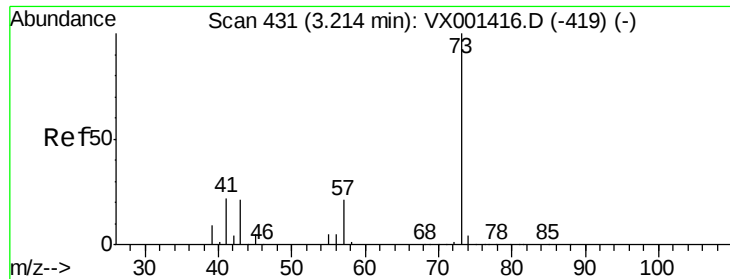
Tgt Ion: 76 Resp: 384213
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 56.99 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion: 43 Resp: 226132
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8

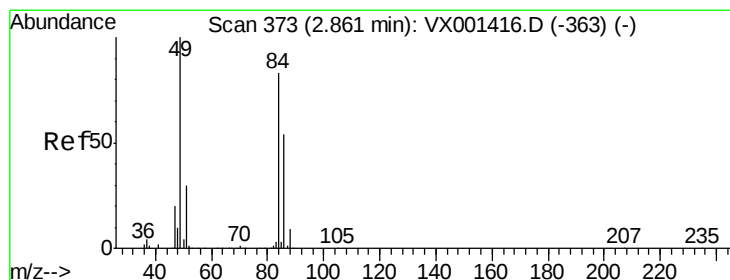
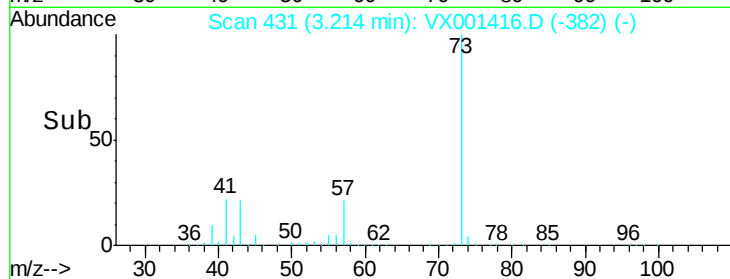
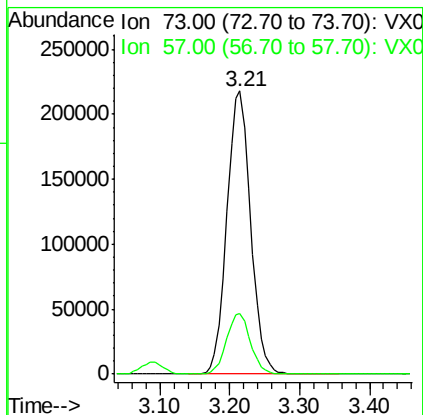
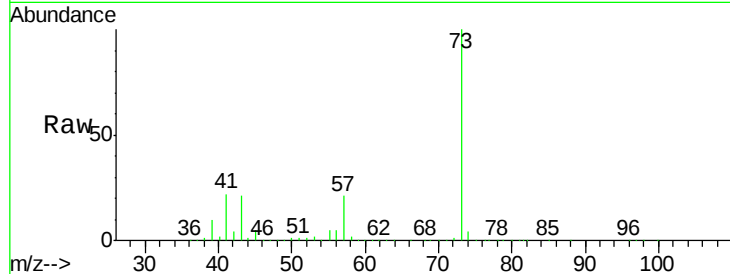




#19
Methyl tert-butyl Ether
Concen: 53.39 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

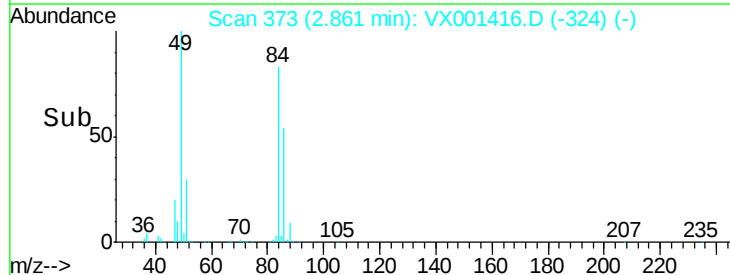
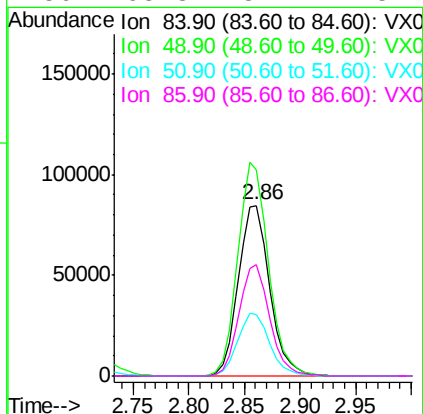
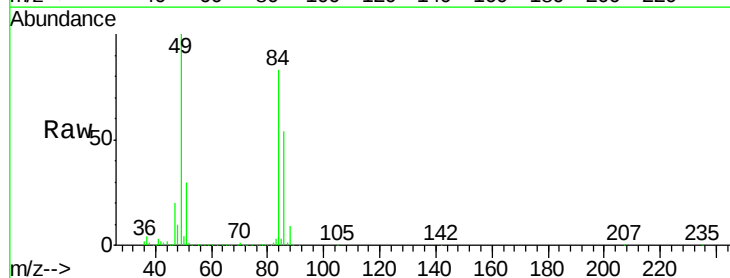
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

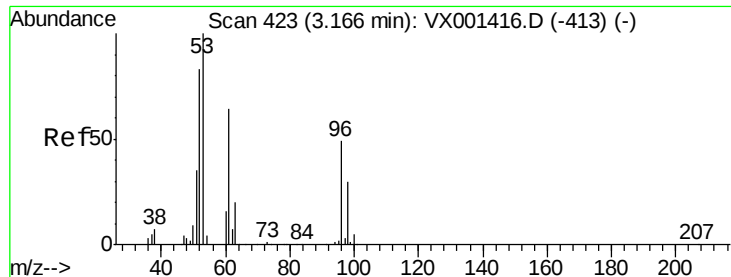
Tgt Ion: 73 Resp: 513071
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6



#20
Methylene Chloride
Concen: 46.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion: 84 Resp: 165900
Ion Ratio Lower Upper
84 100
49 120.7 96.6 144.8
51 36.2 29.0 43.4
86 65.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 52.24 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

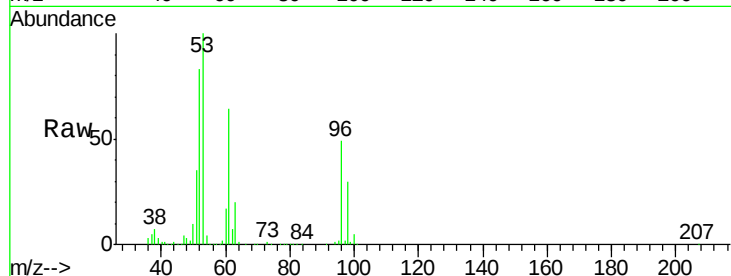
Tgt Ion: 96 Resp: 160625

Ion Ratio Lower Upper

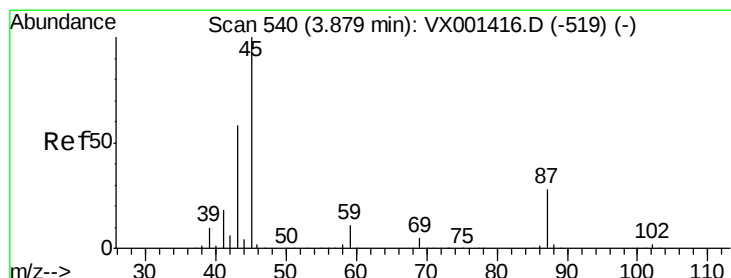
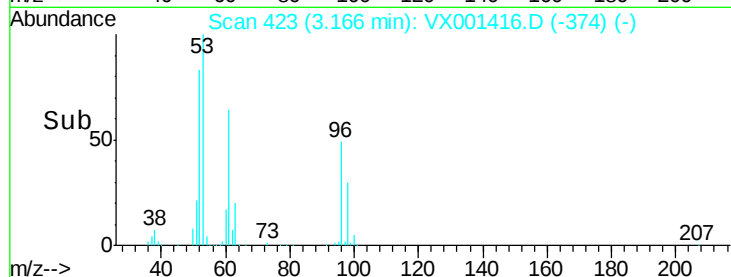
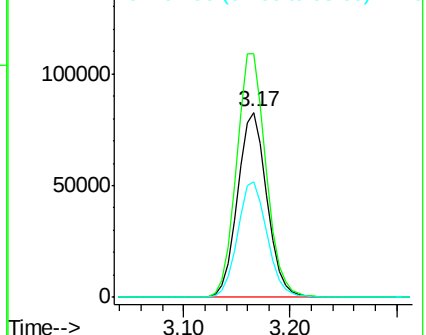
96 100

61 131.2 105.0 157.4

98 62.4 49.9 74.9



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



#22

Diisopropyl ether

Concen: 53.67 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Tgt Ion: 45 Resp: 511627

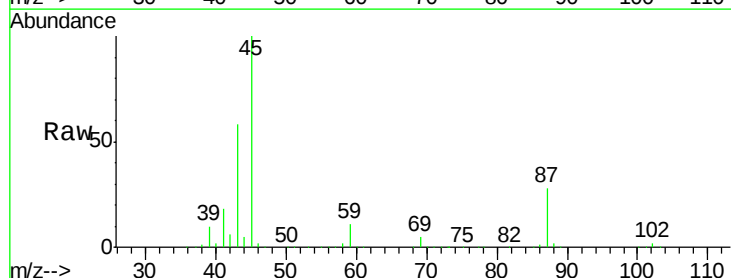
Ion Ratio Lower Upper

45 100

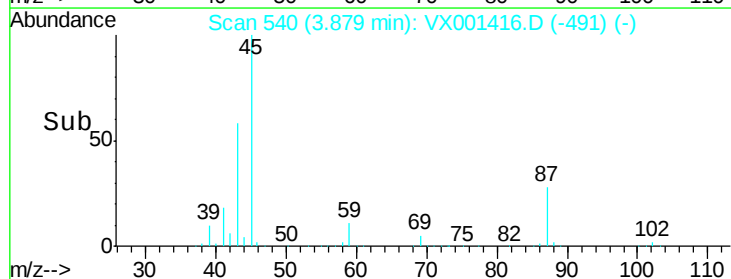
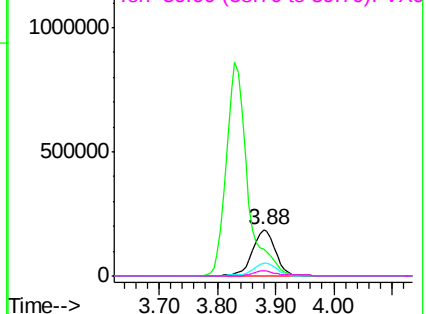
43 58.1 46.5 69.7

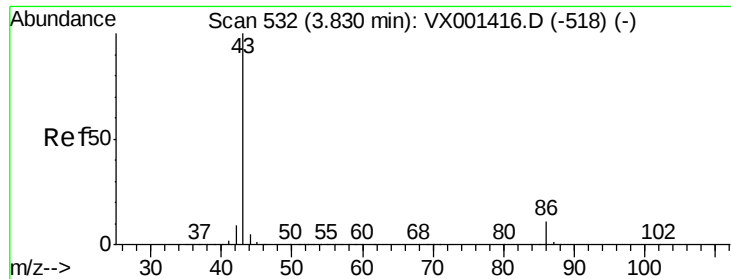
87 28.3 22.6 34.0

59 11.4 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 271.98 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

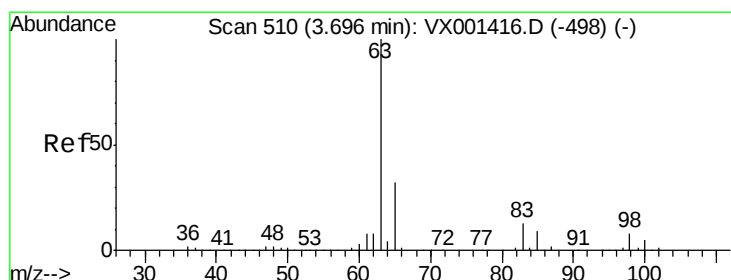
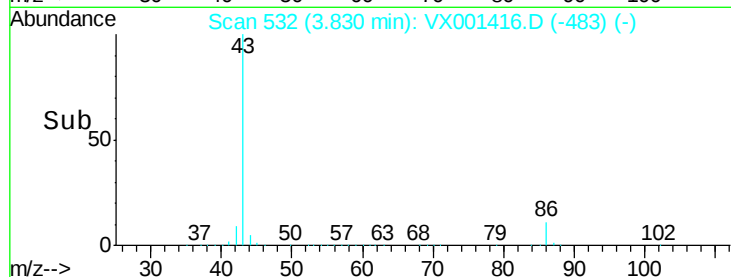
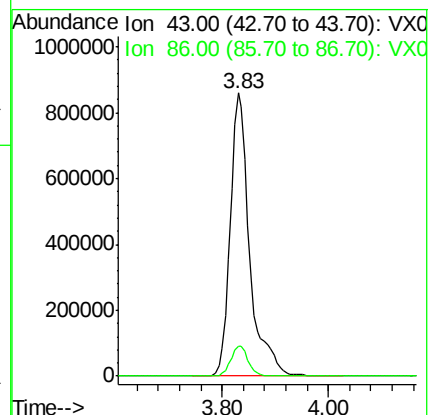
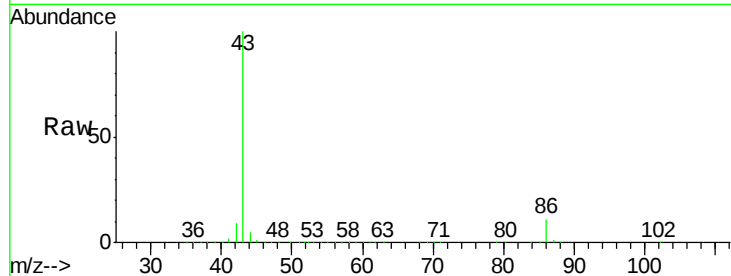
VSTDICCC050

Tgt Ion: 43 Resp: 2194757

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 53.90 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

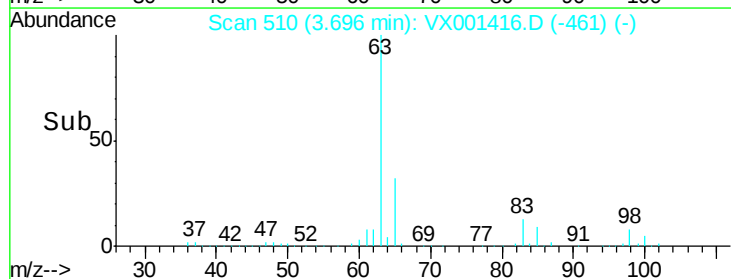
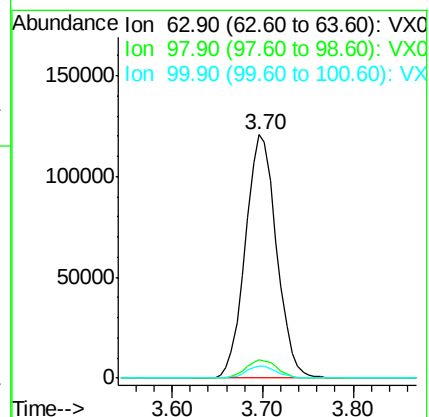
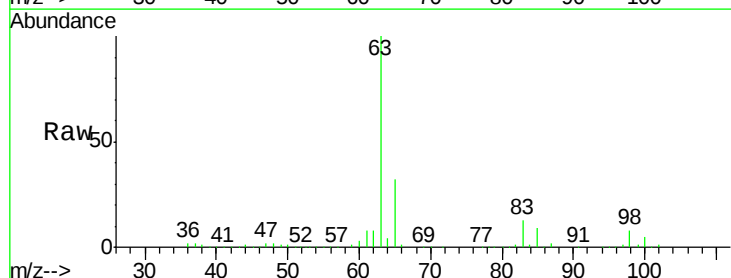
Tgt Ion: 63 Resp: 286901

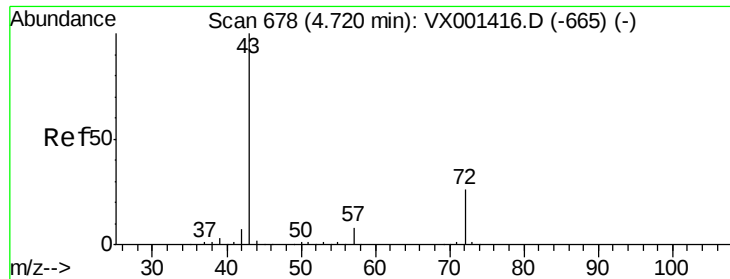
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 277.21 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

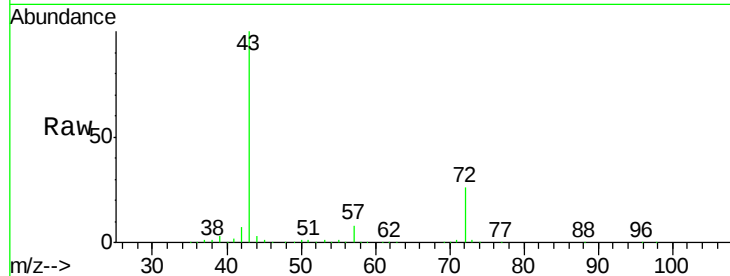
VSTDICCC050

Tgt Ion: 43 Resp: 627627

Ion Ratio Lower Upper

43 100

72 25.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

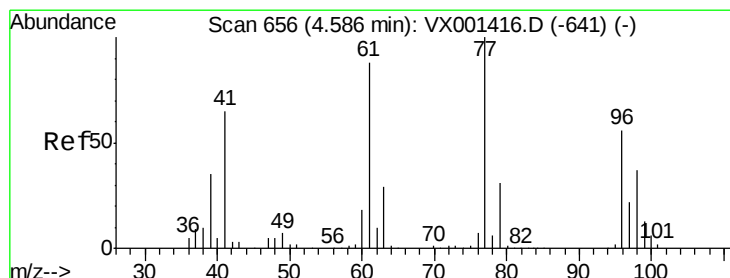
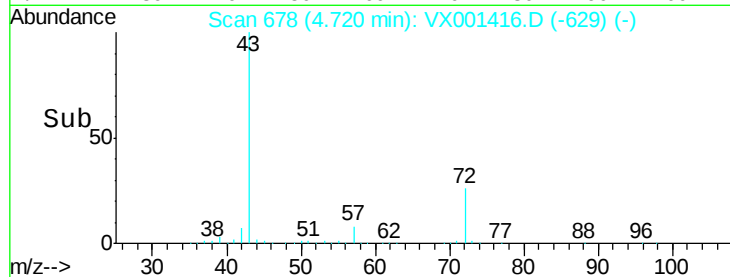
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.97 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001416.D

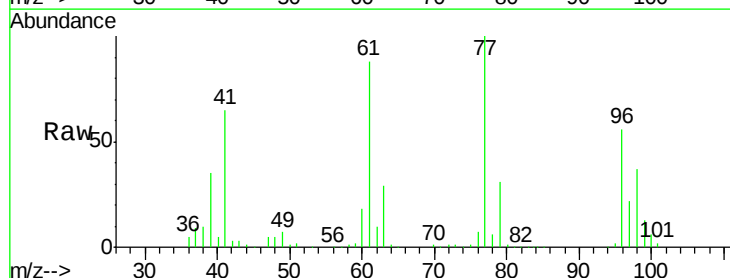
Acq: 05 May 2018 13:24

Tgt Ion: 77 Resp: 227903

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

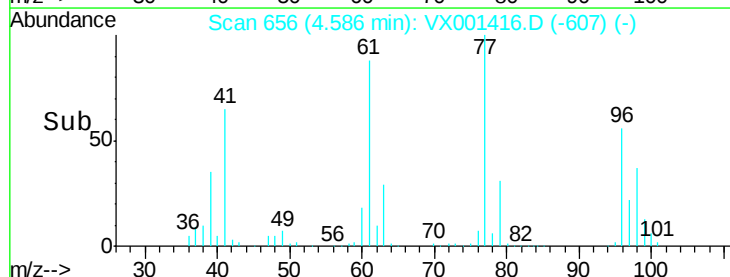
40000

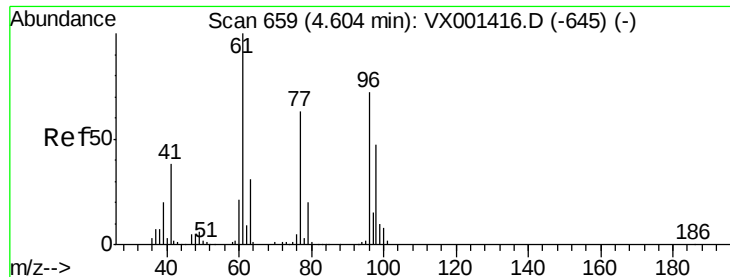
20000

0

4.40 4.50 4.60 4.70

Time-->



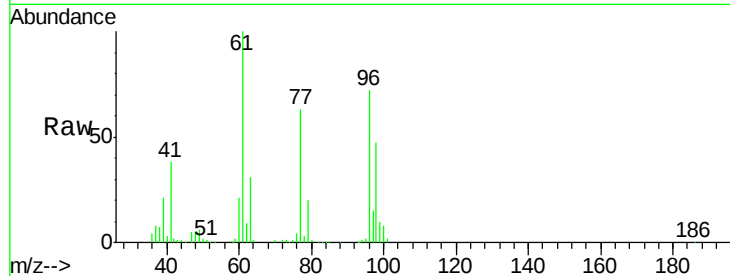


#27

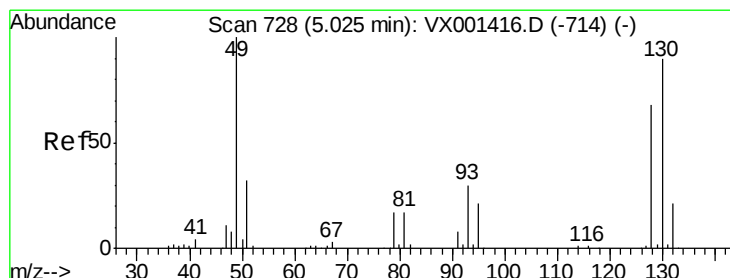
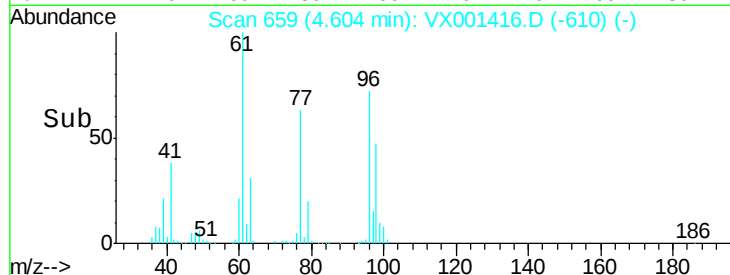
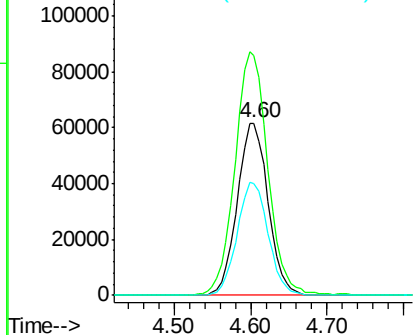
cis-1,2-Dichloroethene
Concen: 51.28 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 172659
Ion Ratio Lower Upper
96 100
61 150.8 0.0 301.6
98 65.8 0.0 131.6



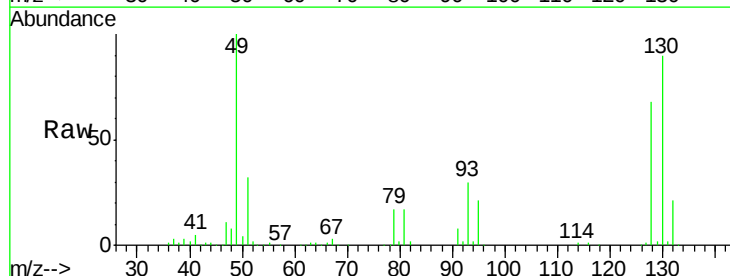
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



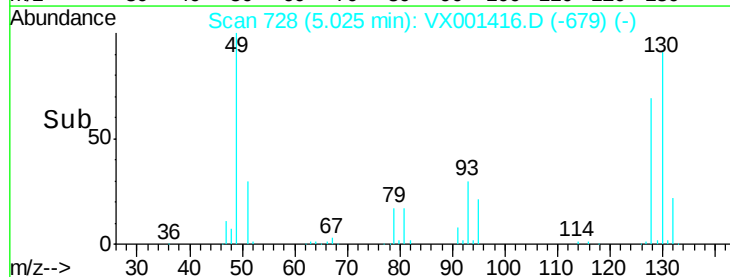
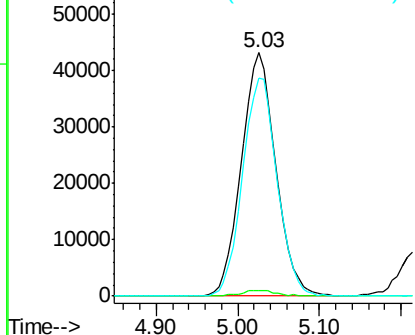
#28

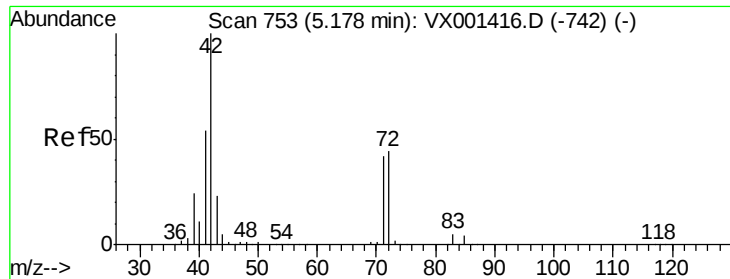
Bromochloromethane
Concen: 53.99 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion: 49 Resp: 127145
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 89.9 71.9 107.9



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





#29

Tetrahydrofuran

Concen: 286.75 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

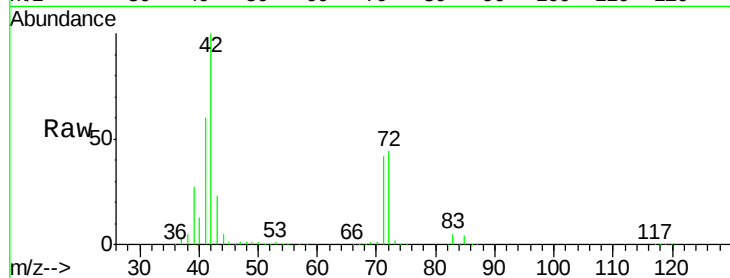
Tgt Ion: 42 Resp: 402456

Ion Ratio Lower Upper

42 100

72 44.3 35.4 53.2

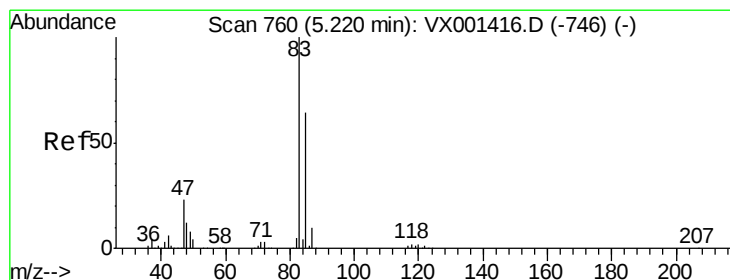
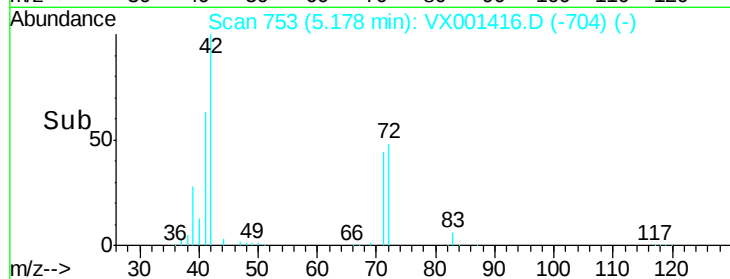
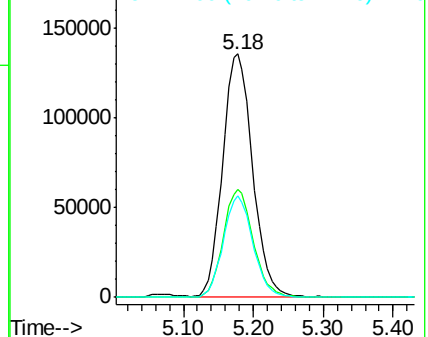
71 41.2 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.11 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001416.D

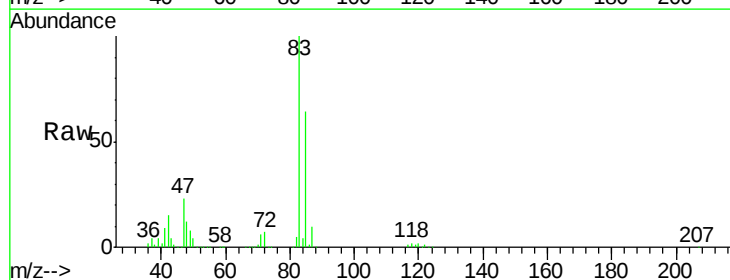
Acq: 05 May 2018 13:24

Tgt Ion: 83 Resp: 297509

Ion Ratio Lower Upper

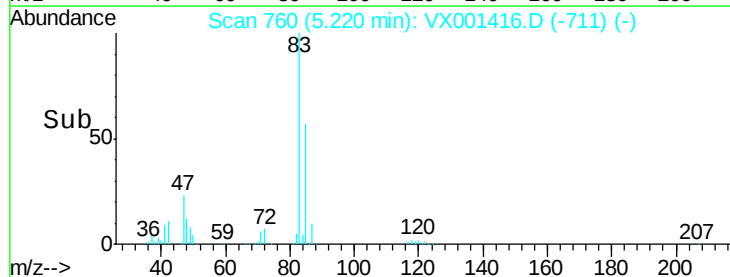
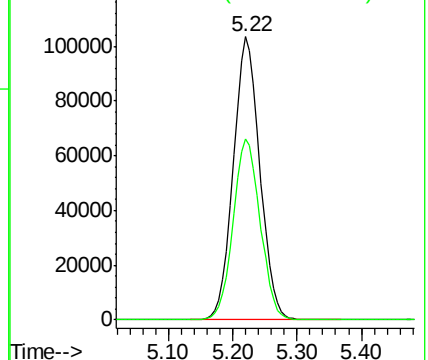
83 100

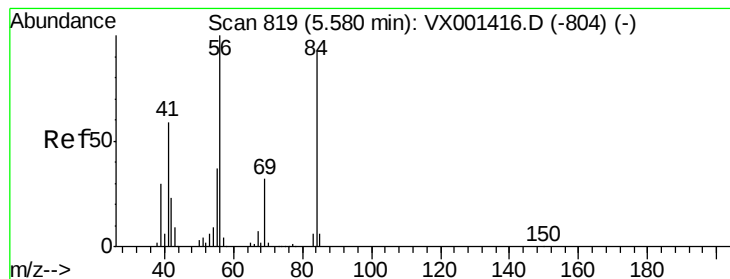
85 63.7 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.41 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

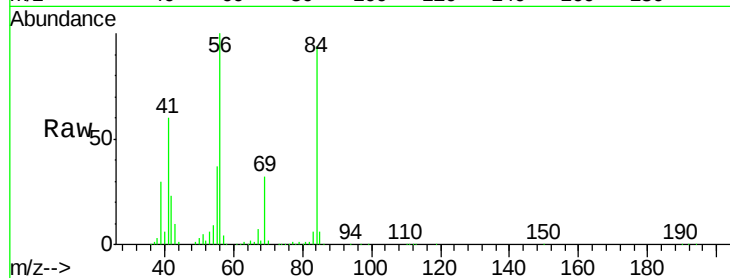
Tgt Ion: 56 Resp: 250795

Ion Ratio Lower Upper

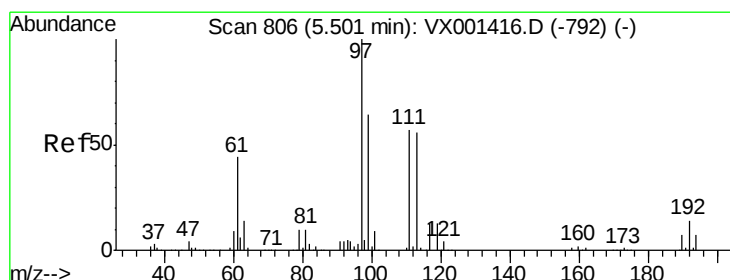
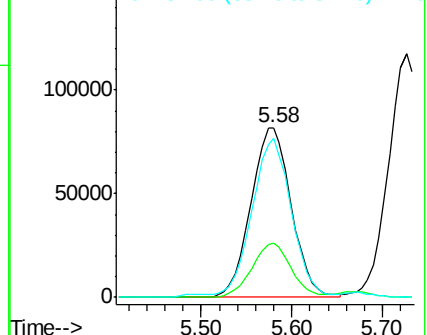
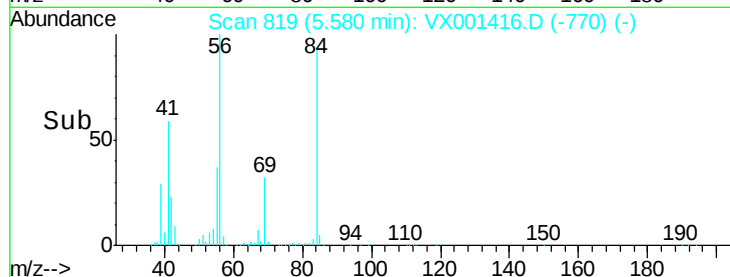
56 100

69 31.7 25.4 38.0

84 92.3 73.8 110.8



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: 54.54 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

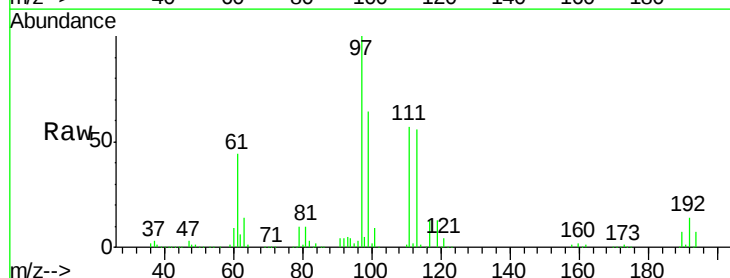
Tgt Ion: 97 Resp: 267092

Ion Ratio Lower Upper

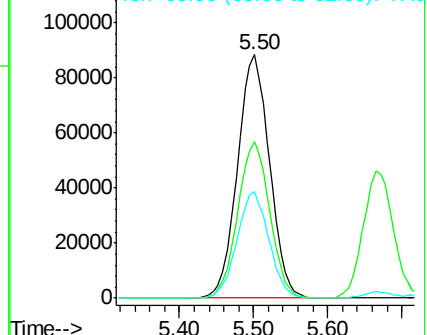
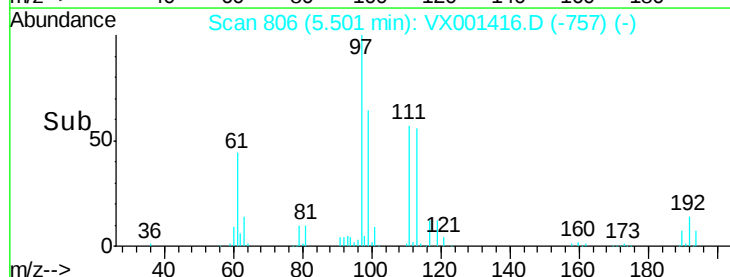
97 100

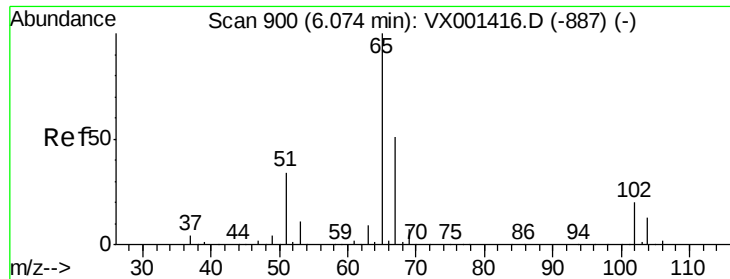
99 64.1 51.3 76.9

61 43.5 34.8 52.2



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

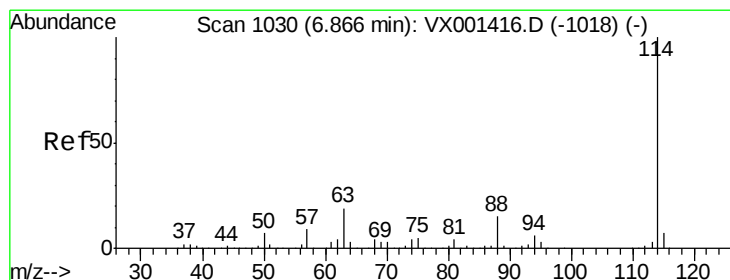
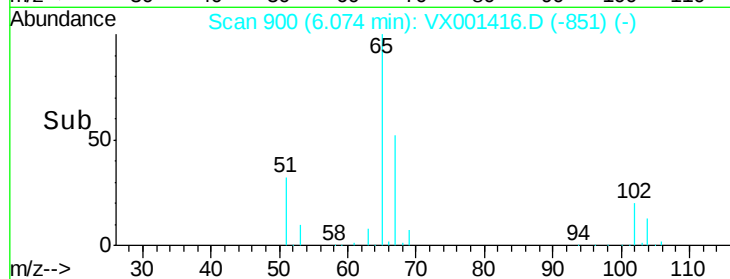
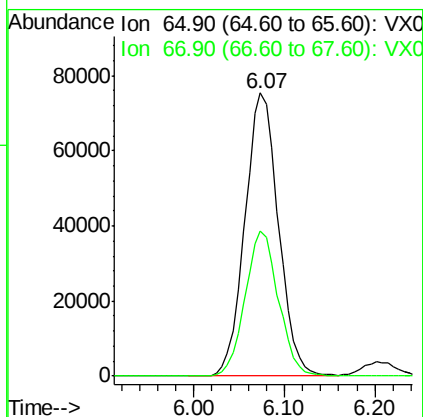
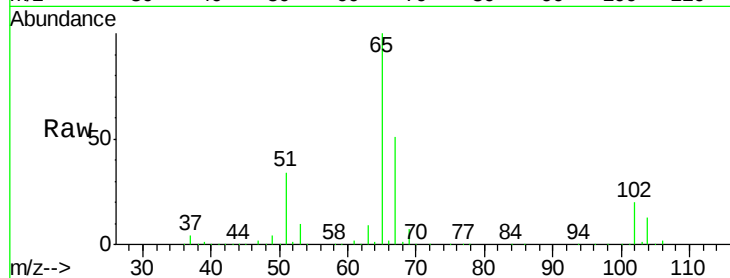




#33
 1,2-Dichloroethane-d4
 Concen: 50.09 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

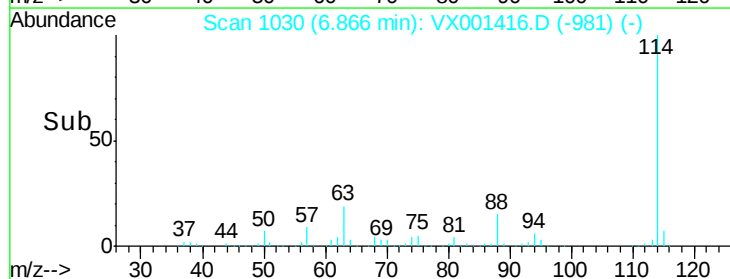
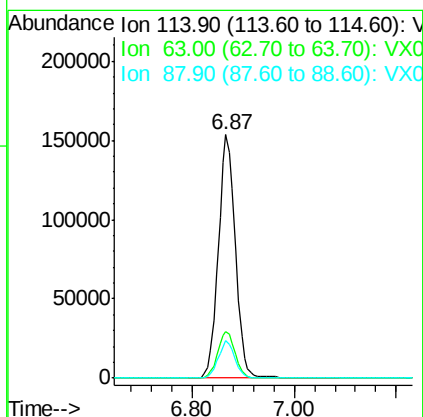
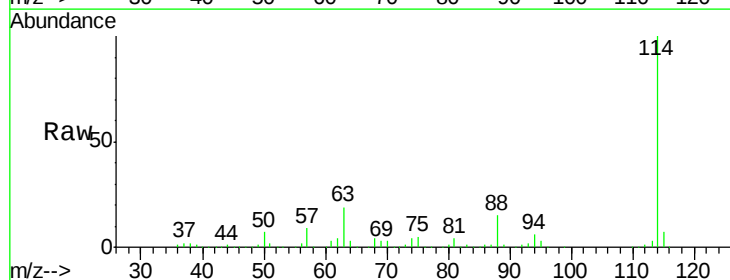
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

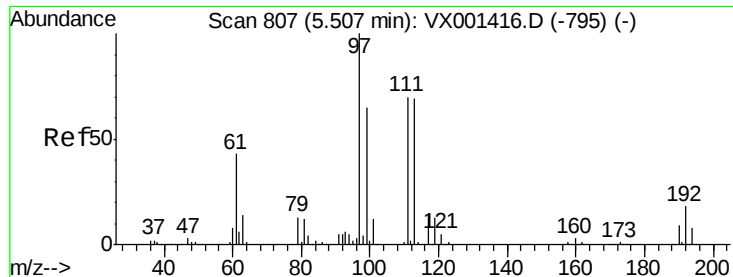
Tgt Ion: 65 Resp: 193216
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion: 114 Resp: 356158
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.4 0.0 30.8

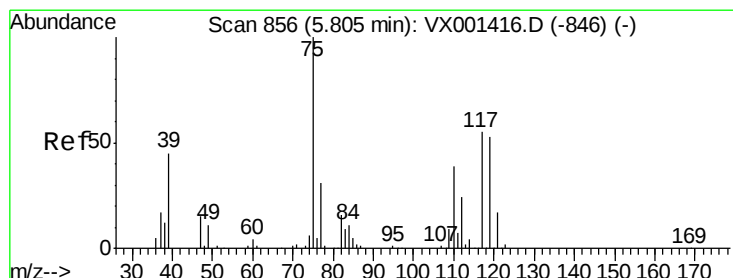
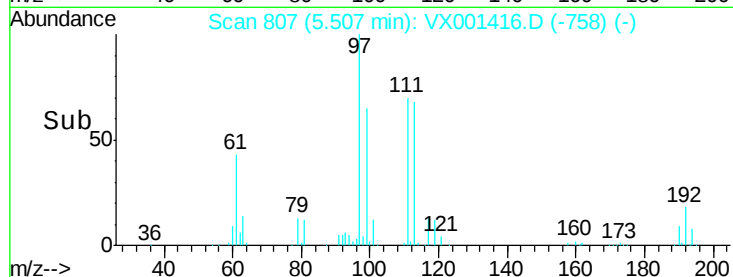
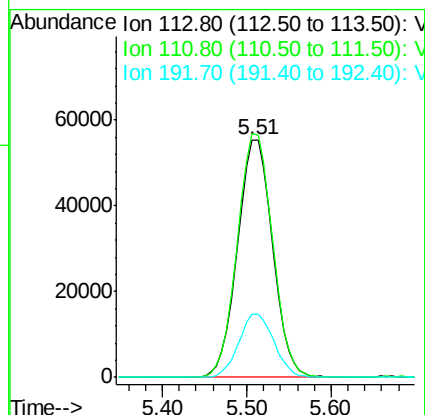
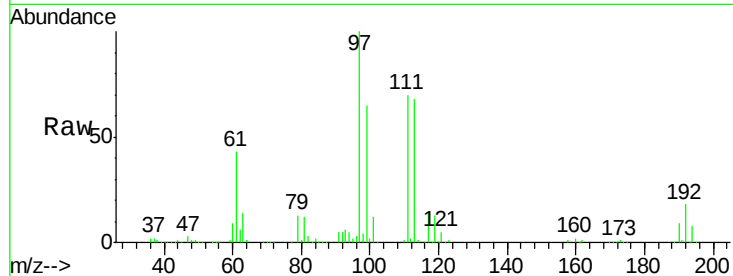




#35
 Dibromofluoromethane
 Concen: 50.56 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

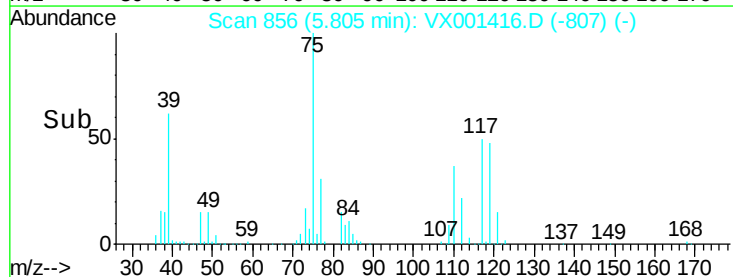
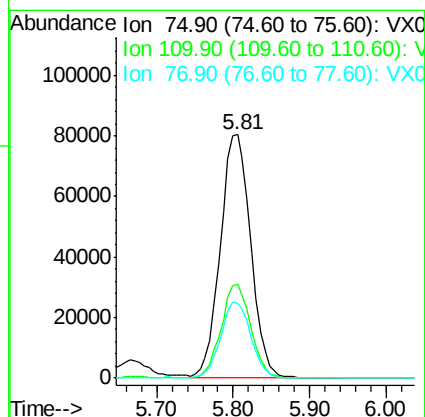
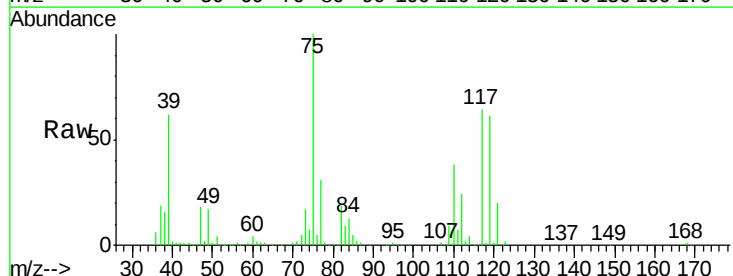
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

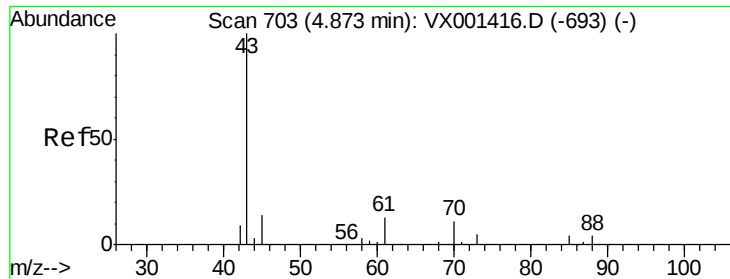
Tgt Ion:113 Resp: 156361
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 26.7 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 52.53 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion: 75 Resp: 220585
 Ion Ratio Lower Upper
 75 100
 110 37.8 18.9 56.7
 77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 56.56 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

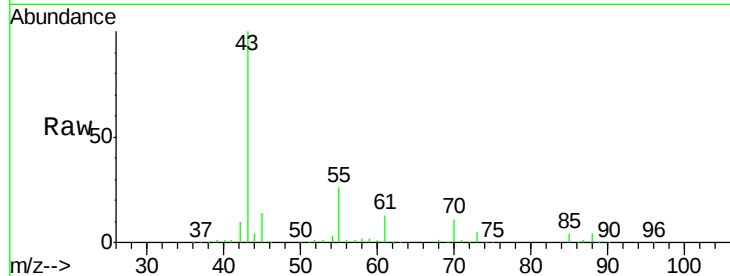
Tgt Ion: 43 Resp: 242649

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

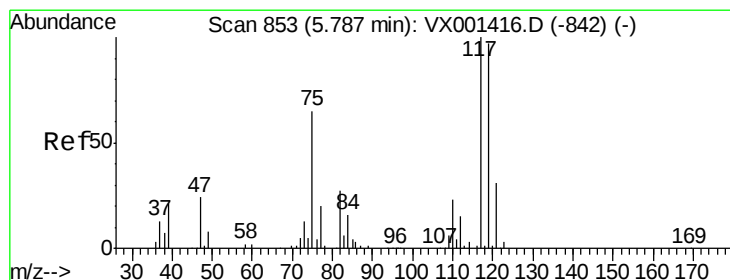
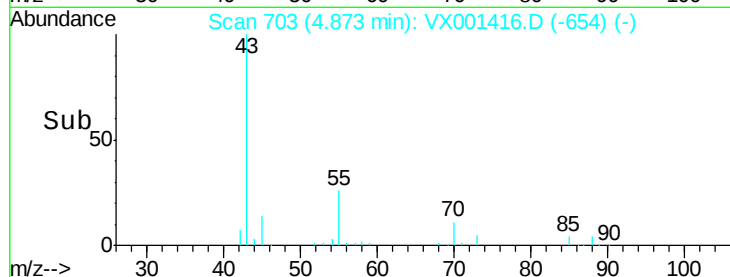
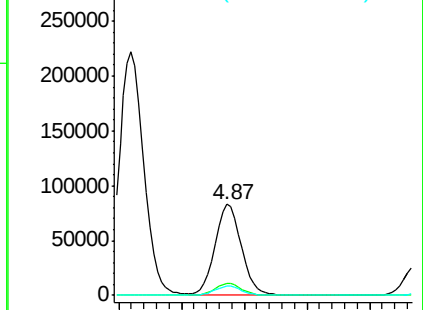
70 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX001416.D (-693) (-)

Ion 60.90 (60.60 to 61.60): VX001416.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX001416.D (-693) (-)



#38

Carbon Tetrachloride

Concen: 55.48 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

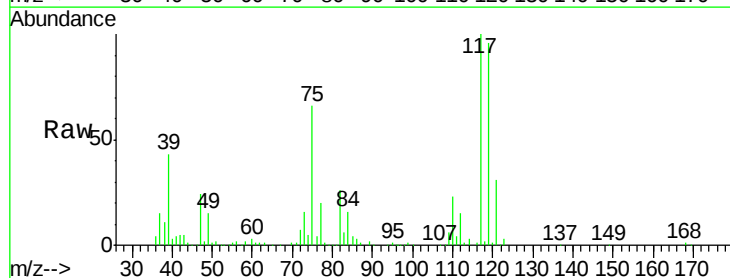
Tgt Ion: 117 Resp: 245123

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6

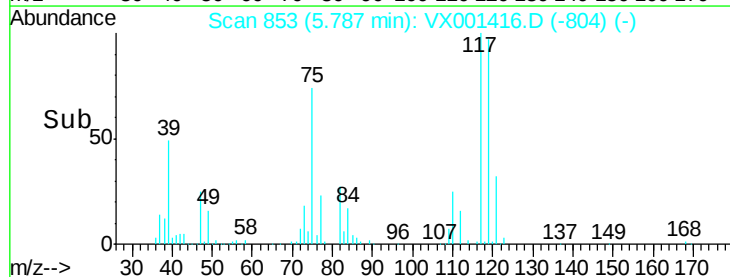
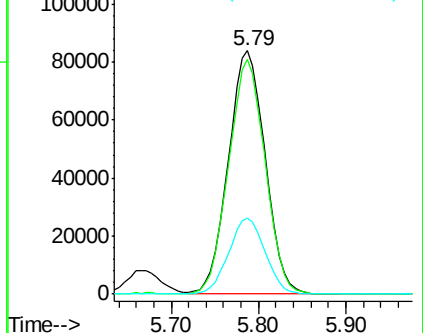
121 31.4 25.1 37.7

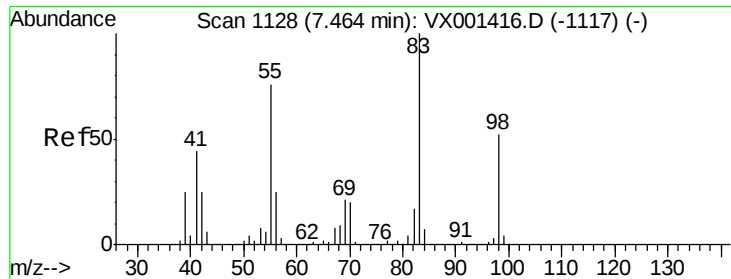


Abundance Ion 116.80 (116.50 to 117.50): VX001416.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX001416.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX001416.D (-842) (-)

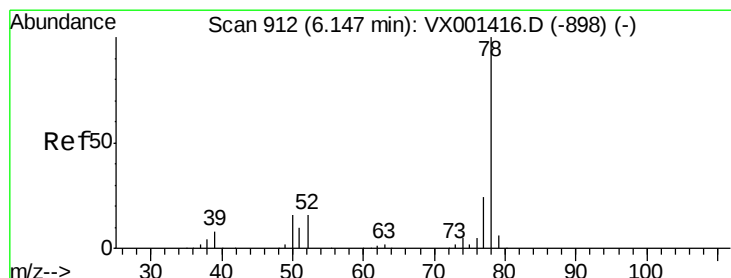
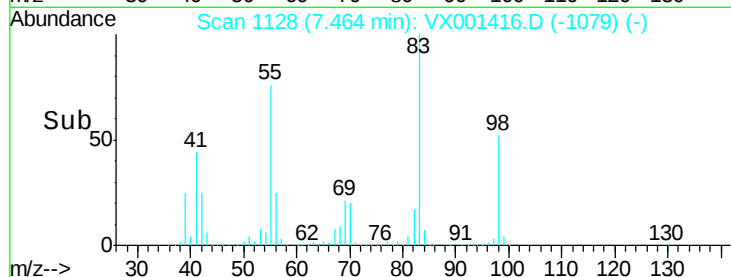
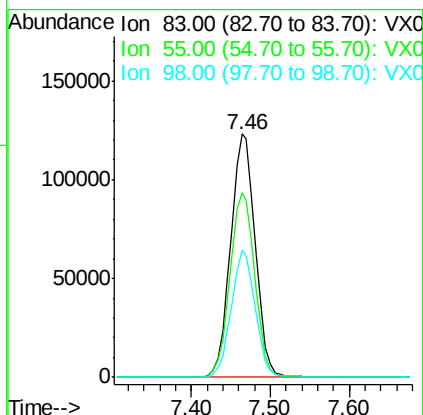
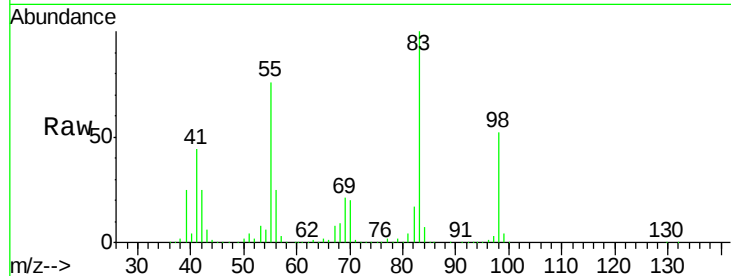




#39
Methylcyclohexane
Concen: 53.75 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

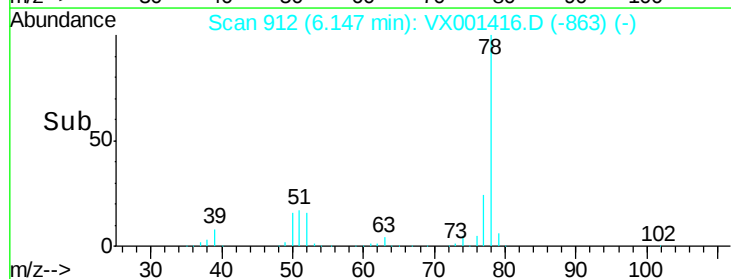
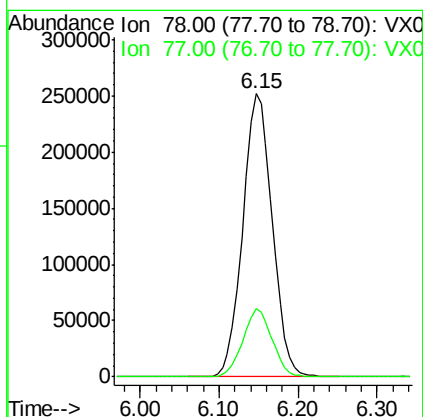
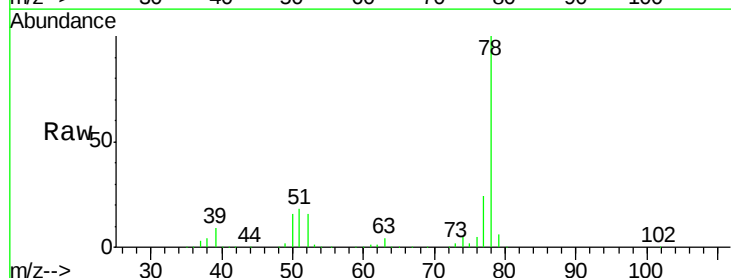
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

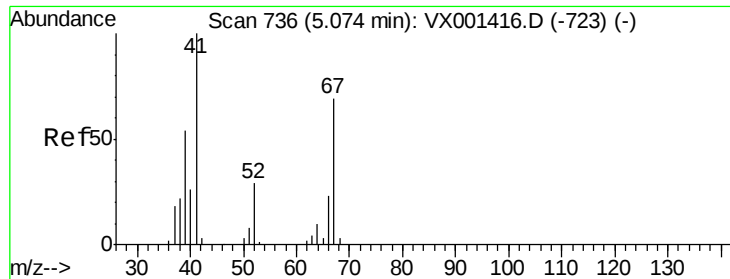
Tgt Ion: 83 Resp: 267111
Ion Ratio Lower Upper
83 100
55 76.1 60.9 91.3
98 52.4 41.9 62.9



#40
Benzene
Concen: 54.19 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion: 78 Resp: 655668
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2

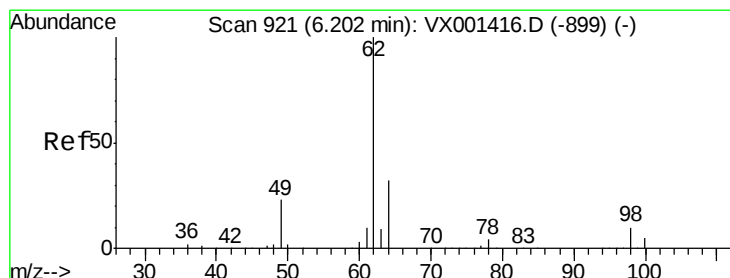
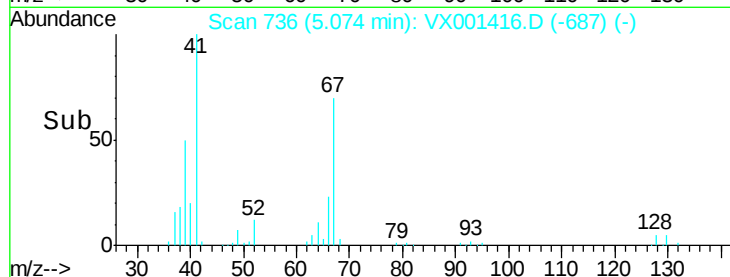
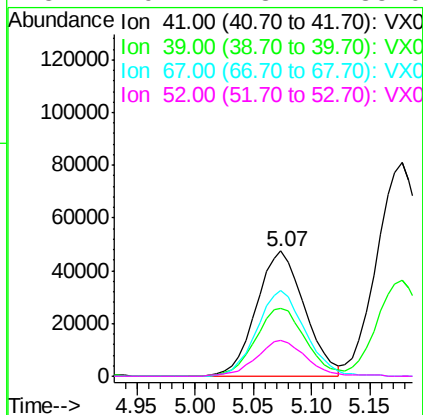
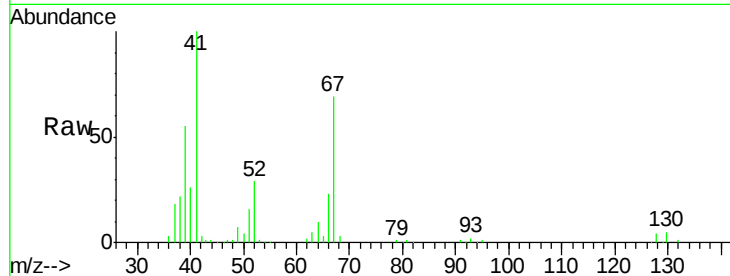




#41
Methacrylonitrile
Concen: 54.56 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

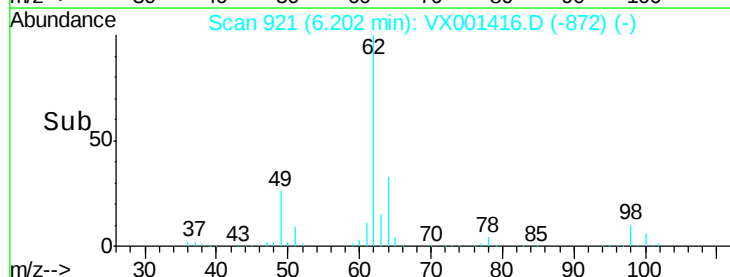
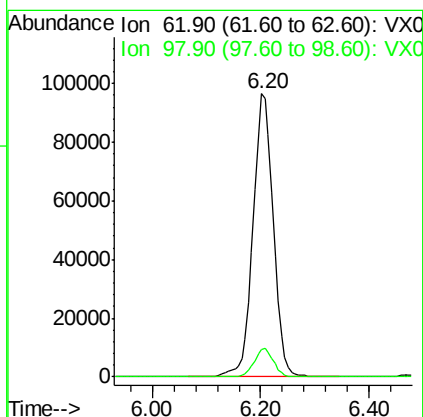
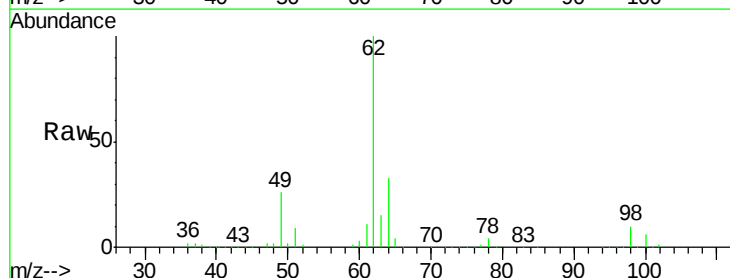
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

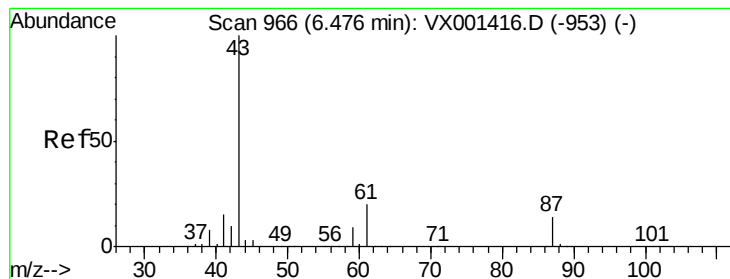
Tgt Ion:	41	Resp:	135996
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.0	67.6
67	68.8	55.0	82.6
52	29.2	23.4	35.0



#42
1,2-Dichloroethane
Concen: 53.29 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion:	62	Resp:	249890
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 56.16 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

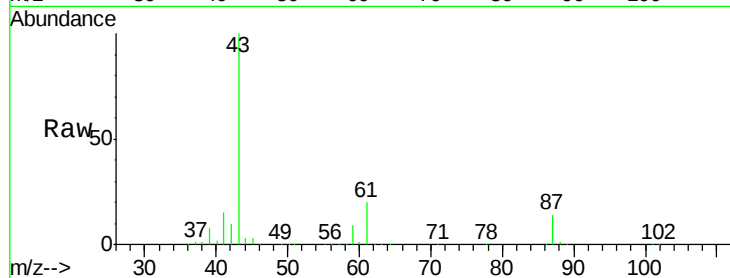
Tgt Ion: 43 Resp: 386376

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

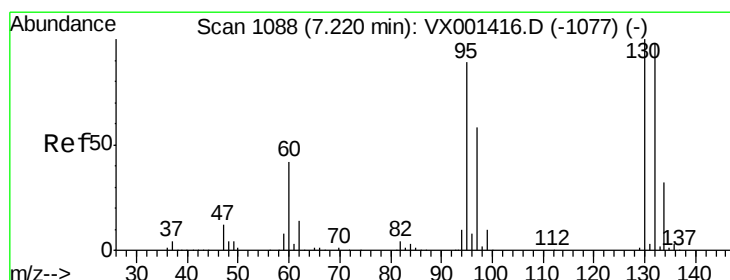
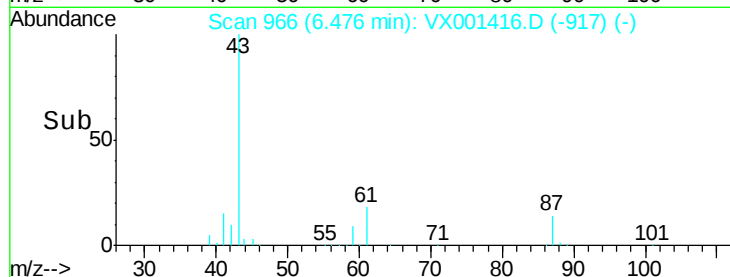
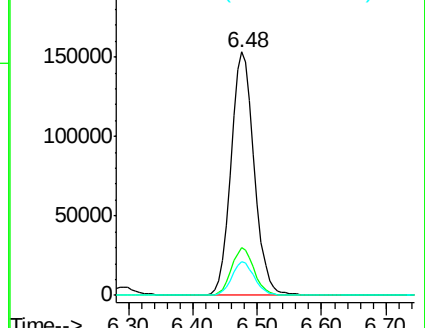
87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX001416.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX001416.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX001416.D (-953) (-)



#44

Trichloroethene

Concen: 53.09 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001416.D

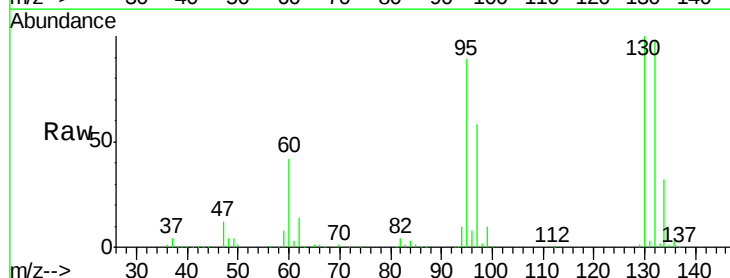
Acq: 05 May 2018 13:24

Tgt Ion: 130 Resp: 196557

Ion Ratio Lower Upper

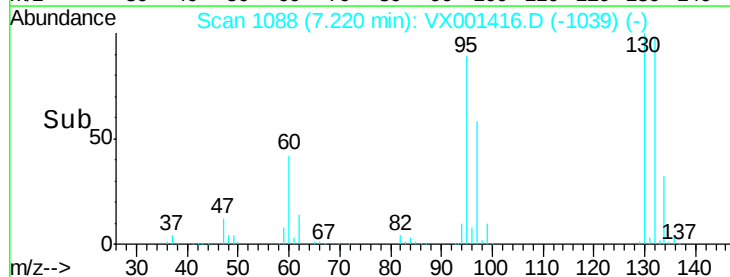
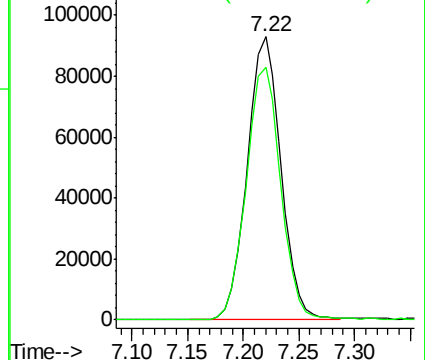
130 100

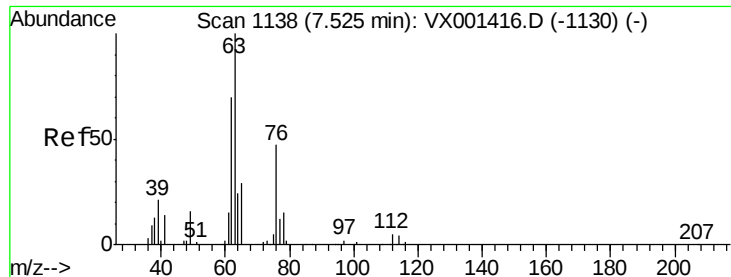
95 89.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VX001416.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001416.D (-1077) (-)

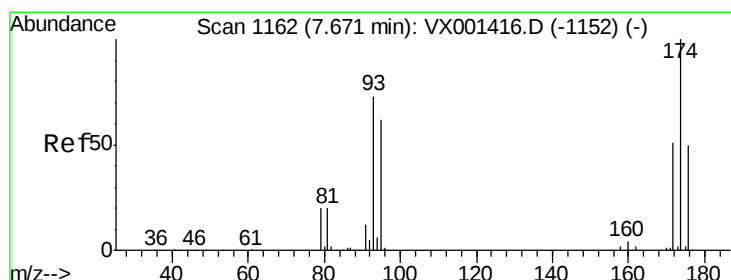
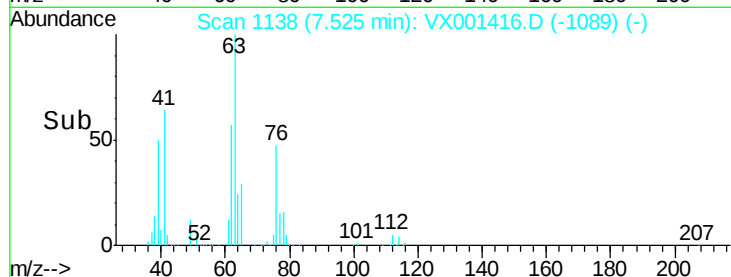
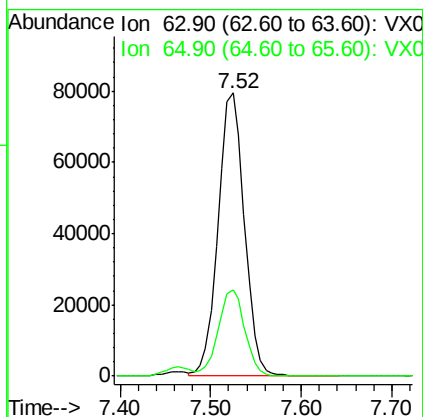
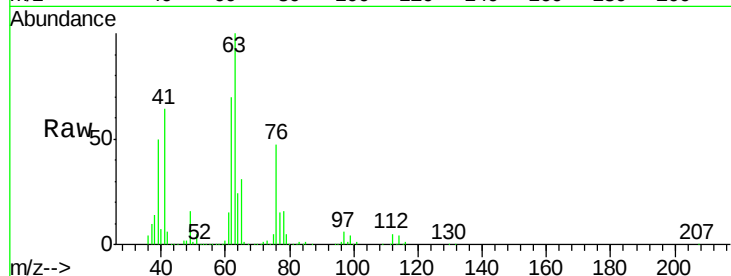




#45
 1,2-Dichloropropane
 Concen: 52.20 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

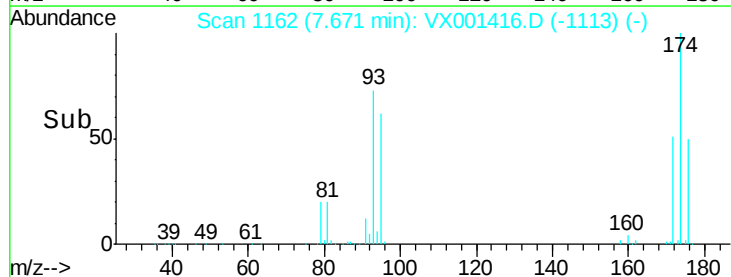
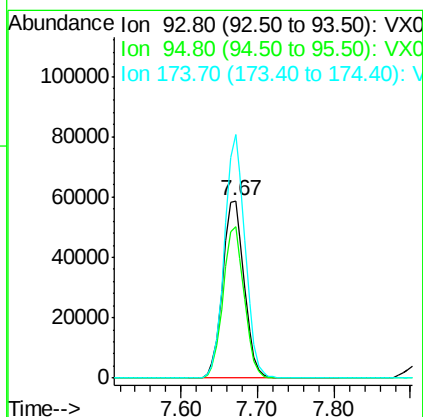
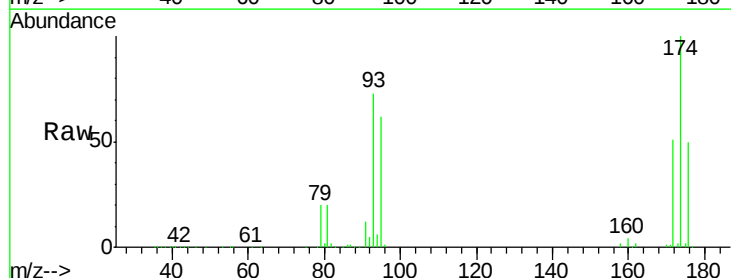
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

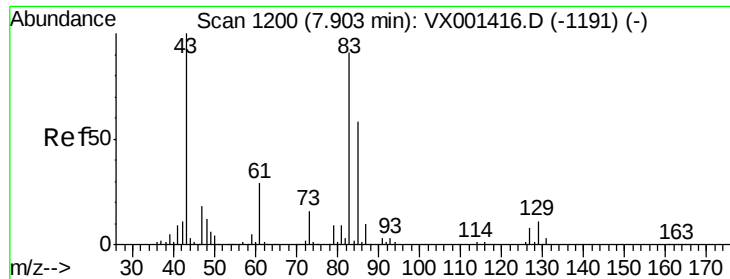
Tgt Ion: 63 Resp: 160869
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.5 36.7



#46
 Dibromomethane
 Concen: 52.92 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion: 93 Resp: 114843
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 130.6 104.5 156.7





#47

Bromodichloromethane

Concen: 56.98 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

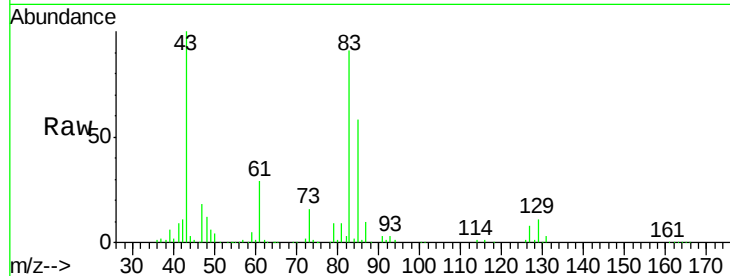
Tgt Ion: 83 Resp: 222563

Ion Ratio Lower Upper

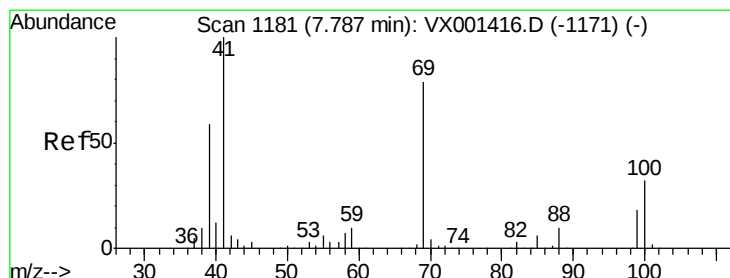
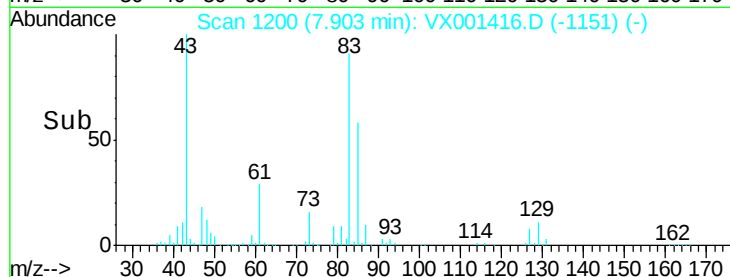
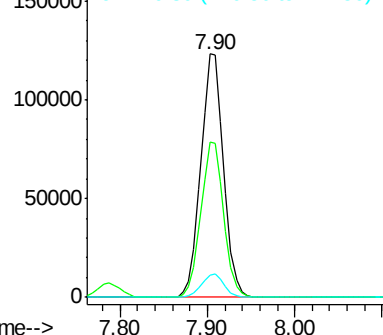
83 100

85 63.8 51.0 76.6

127 9.3 7.4 11.2



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



#48

Methyl methacrylate

Concen: 57.16 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

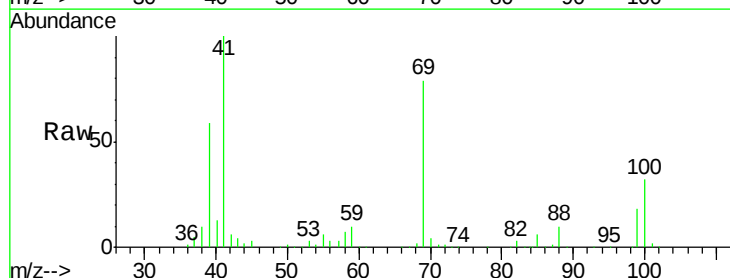
Tgt Ion: 41 Resp: 210522

Ion Ratio Lower Upper

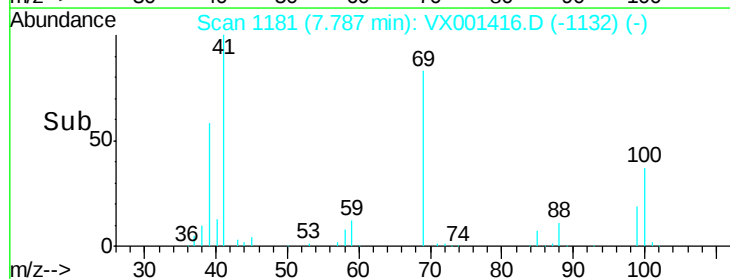
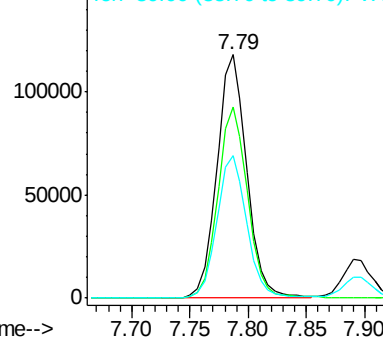
41 100

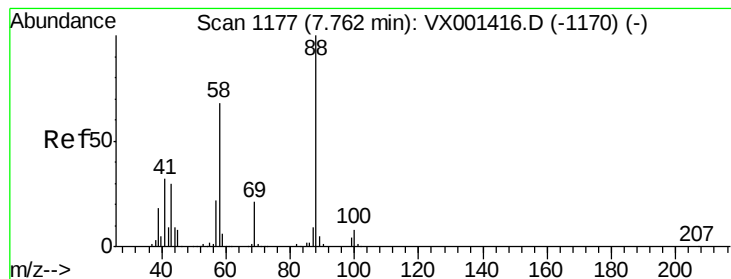
69 79.3 63.4 95.2

39 58.7 47.0 70.4



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: 1272.65 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

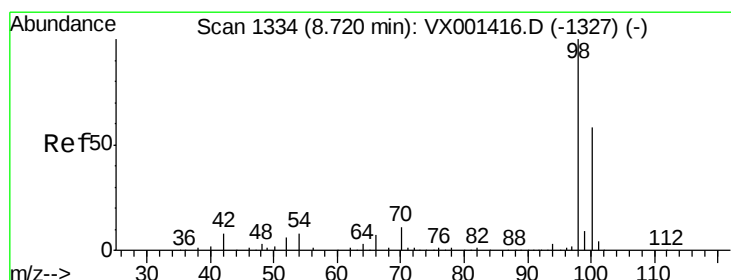
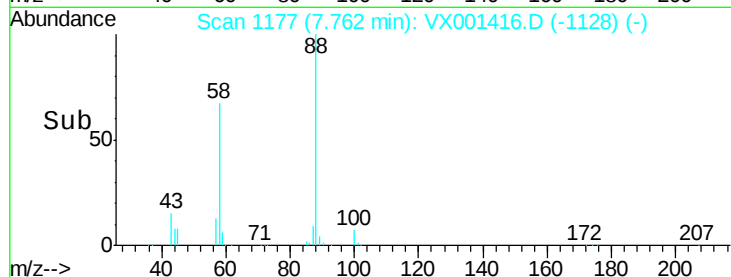
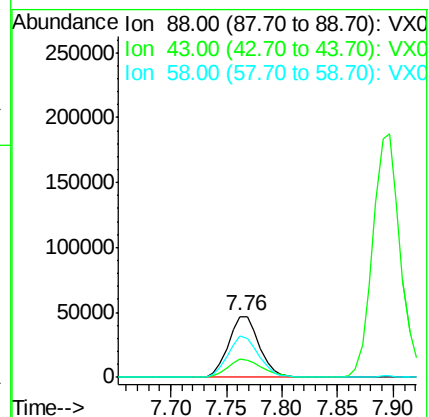
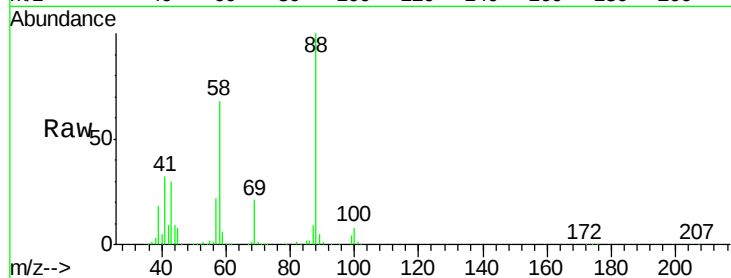
Tgt Ion: 88 Resp: 90551

Ion Ratio Lower Upper

88 100

43 33.0 26.4 39.6

58 67.6 54.1 81.1



#50

Toluene-d8

Concen: 52.58 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001416.D

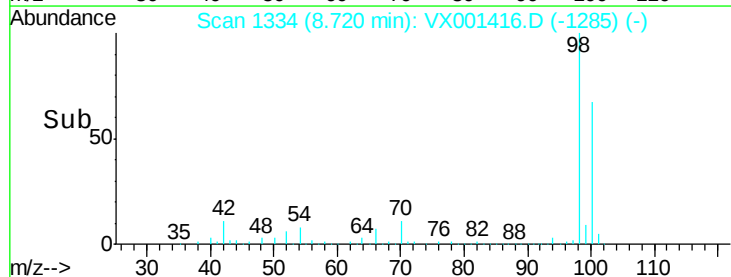
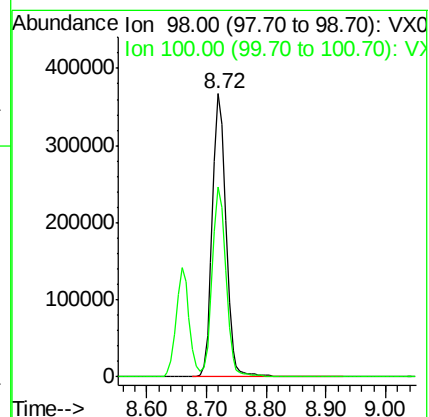
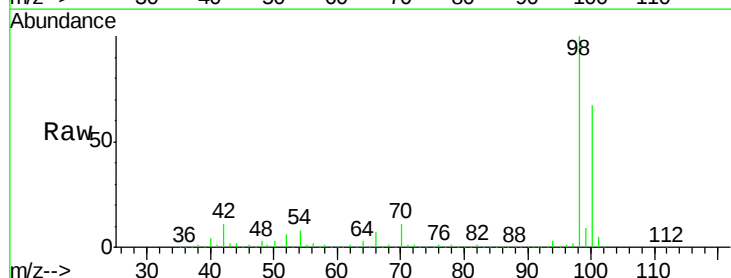
Acq: 05 May 2018 13:24

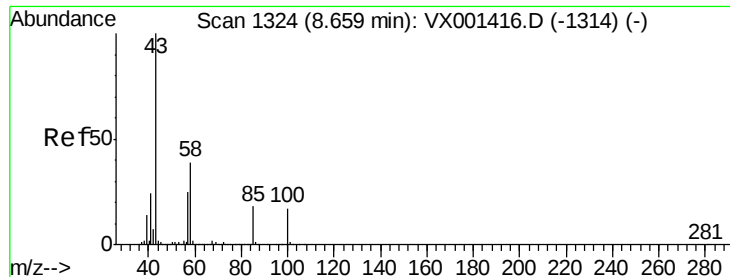
Tgt Ion: 98 Resp: 579403

Ion Ratio Lower Upper

98 100

100 67.5 54.0 81.0

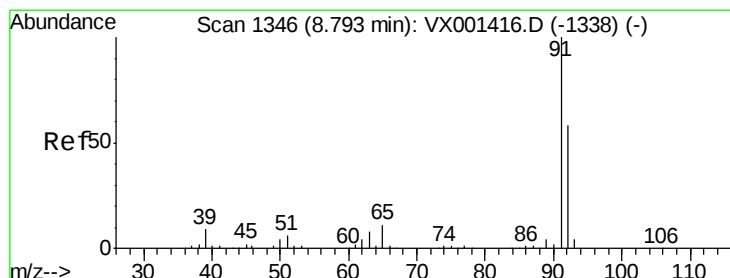
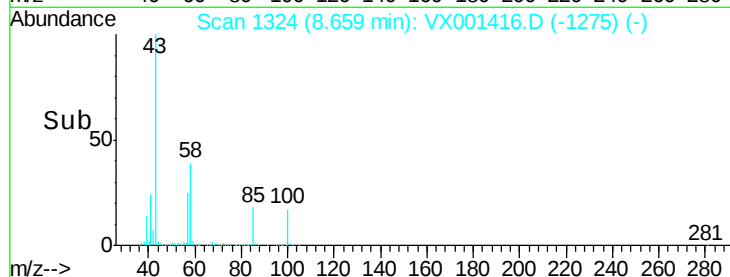
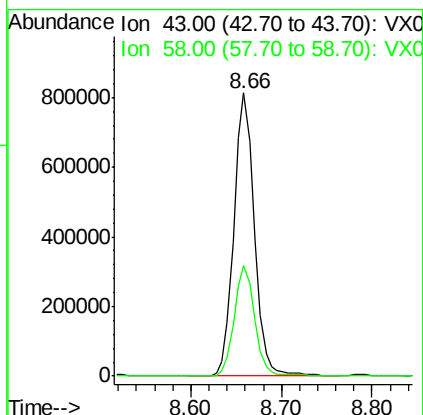
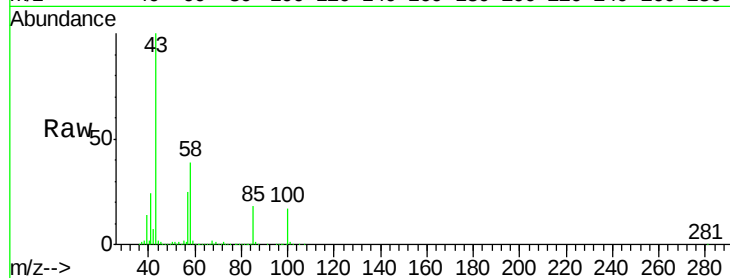




#51
 4-Methyl-2-Pentanone
 Concen: 287.24 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

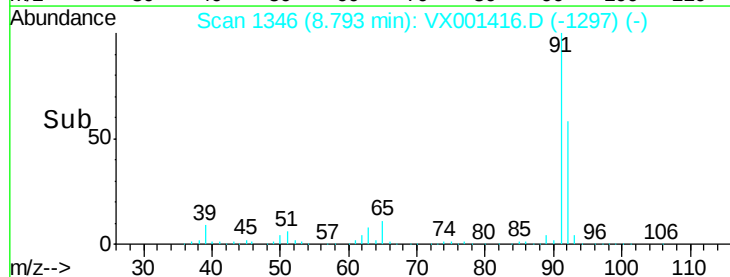
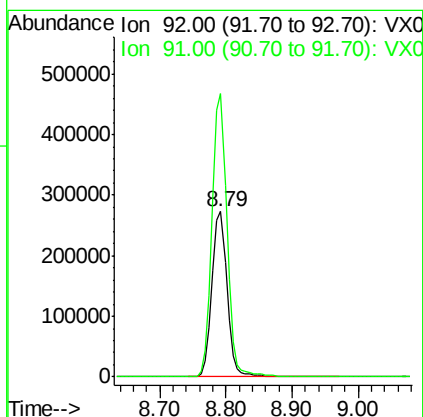
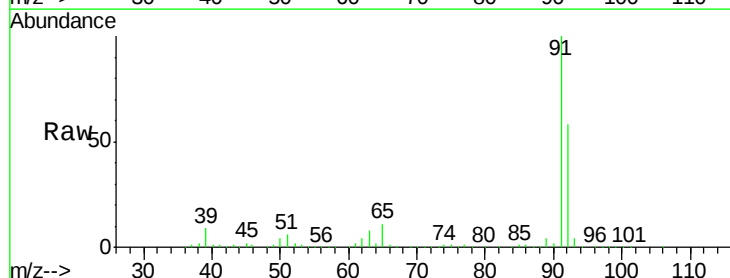
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

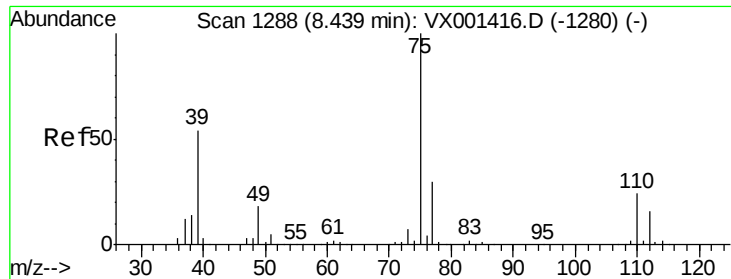
Tgt Ion: 43 Resp: 1278079
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.8 46.2



#52
 Toluene
 Concen: 54.77 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion: 92 Resp: 433360
 Ion Ratio Lower Upper
 92 100
 91 169.0 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 56.17 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

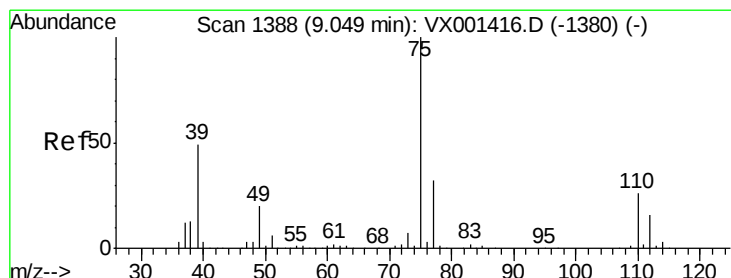
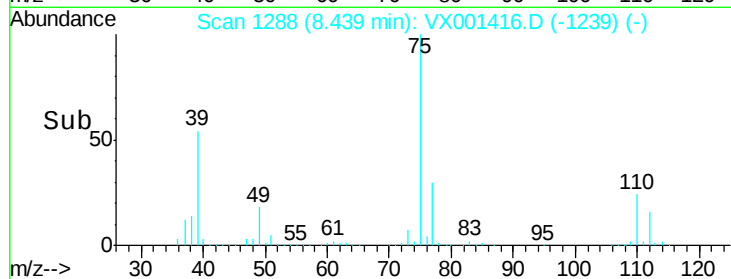
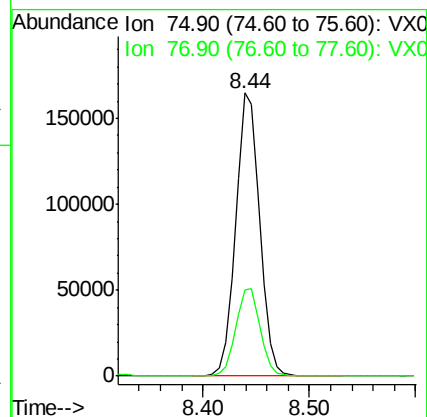
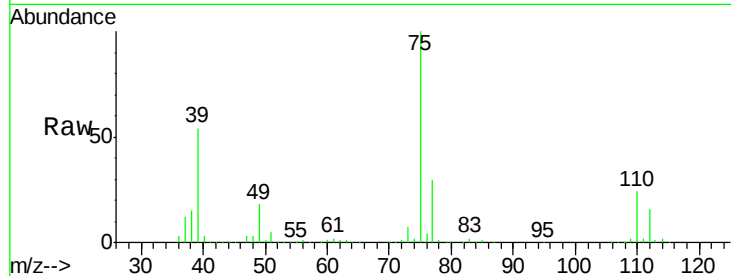
VSTDICCC050

Tgt Ion: 75 Resp: 259890

Ion Ratio Lower Upper

75 100

77 30.3 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 56.71 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

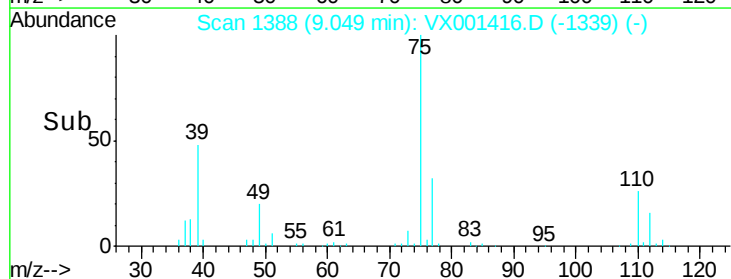
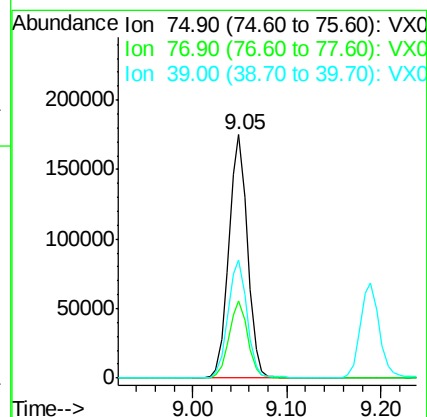
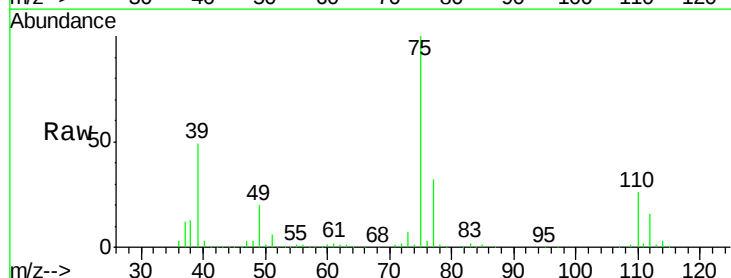
Tgt Ion: 75 Resp: 240433

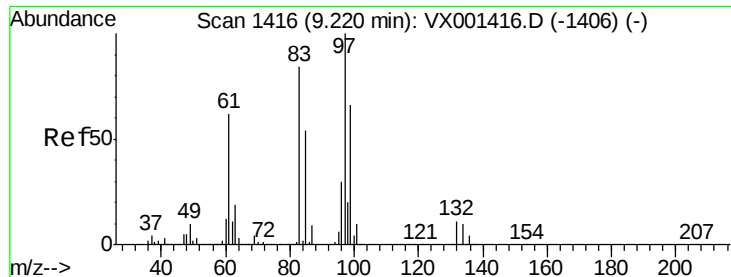
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 48.6 38.9 58.3

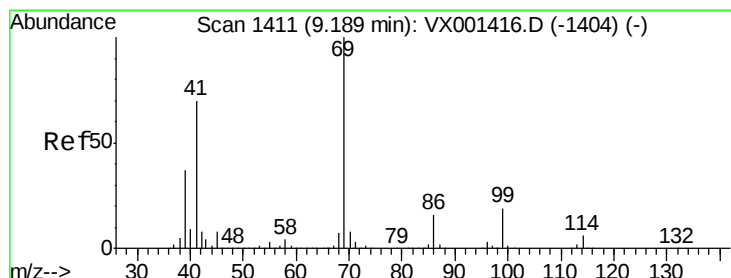
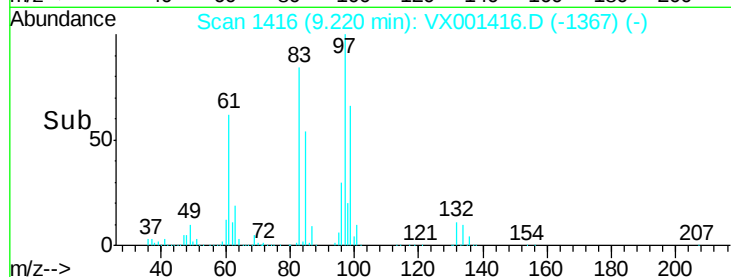
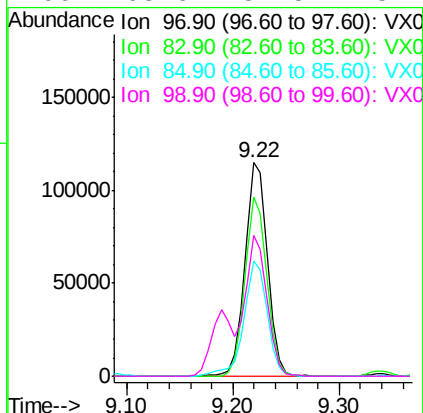
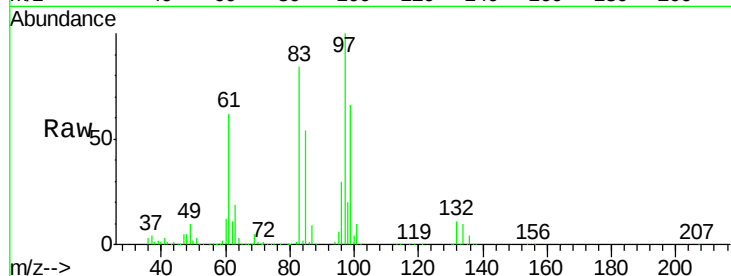




#55
 1,1,2-Trichloroethane
 Concen: 53.75 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

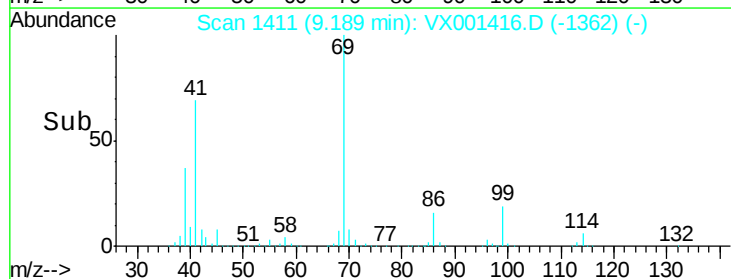
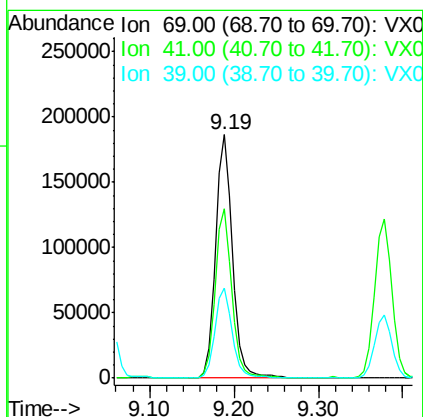
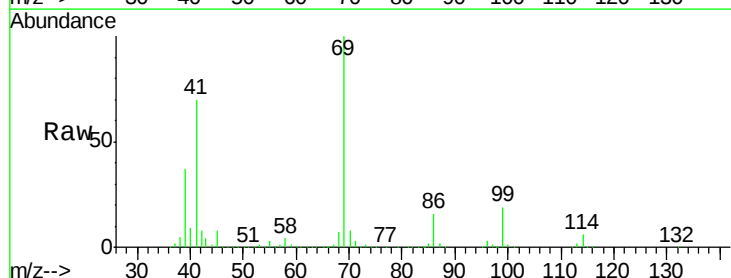
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

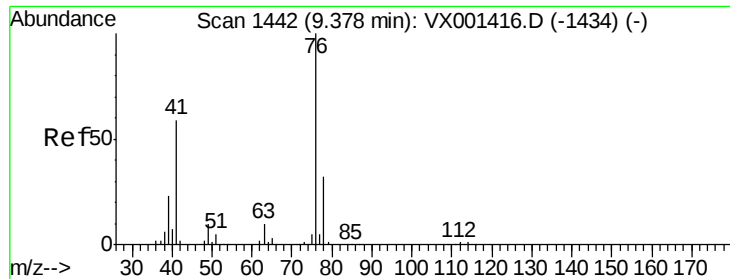
Tgt Ion:	97	Resp:	170894
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.0
85	54.1	43.3	64.9
99	65.6	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 58.44 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion:	69	Resp:	259999
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.1	82.7
39	37.4	29.9	44.9

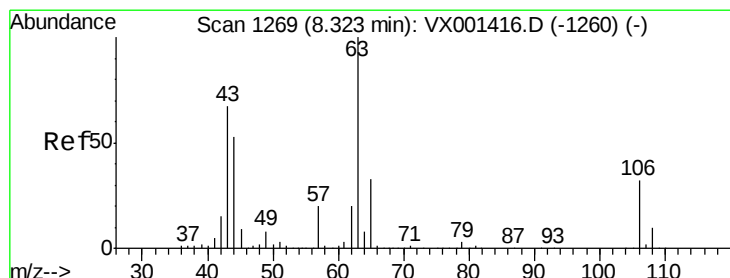
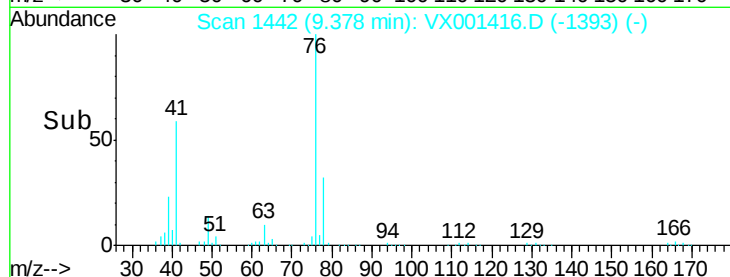
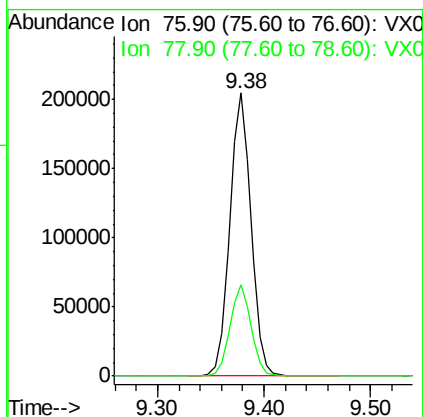
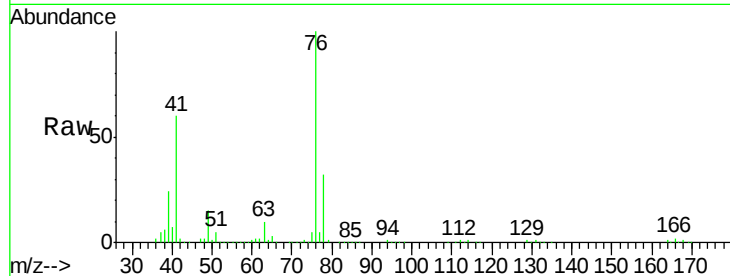




#57
 1,3-Dichloropropane
 Concen: 55.66 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

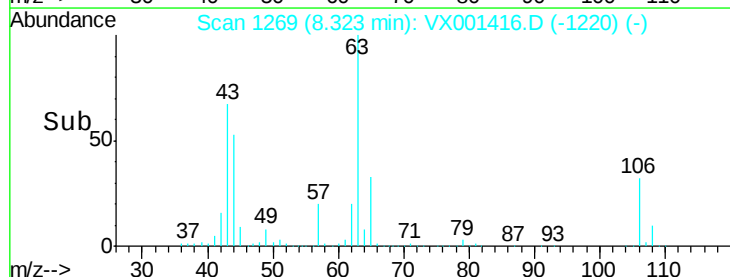
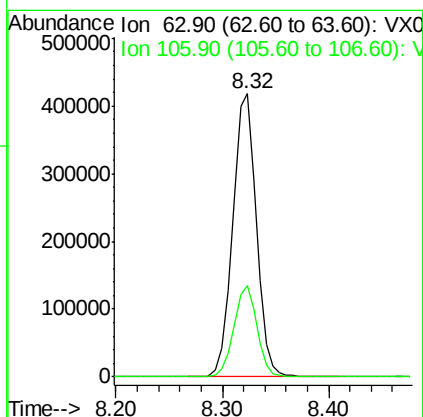
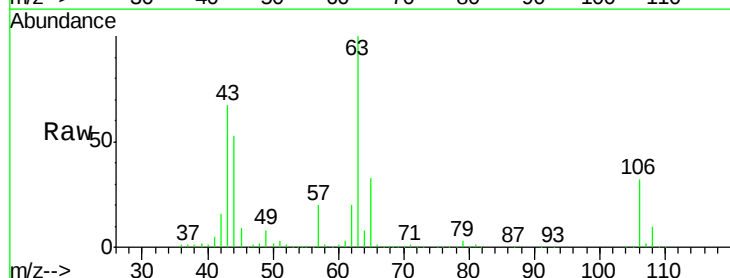
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

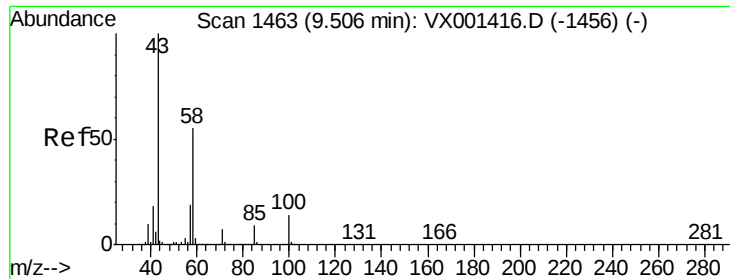
Tgt Ion: 76 Resp: 286834
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.87 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion: 63 Resp: 650433
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.4 38.0

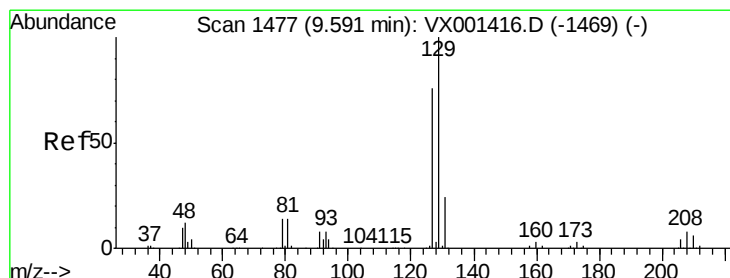
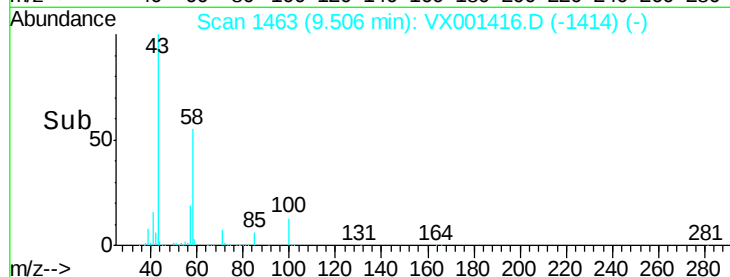
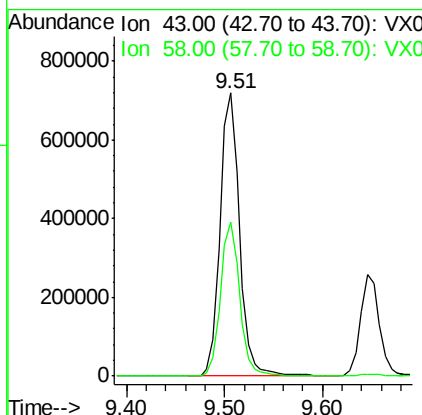
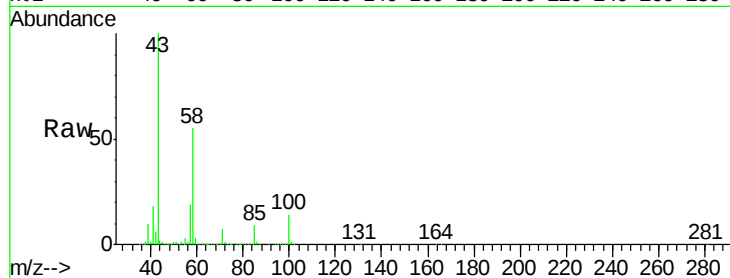




#59
2-Hexanone
Concen: 286.31 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

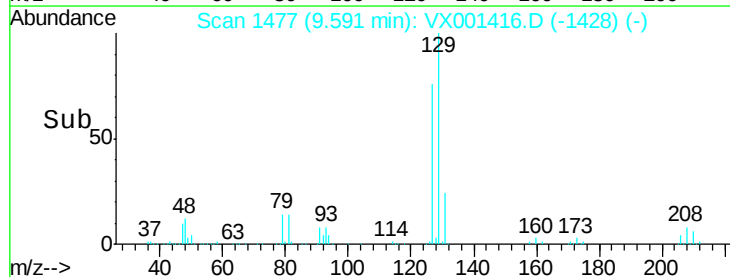
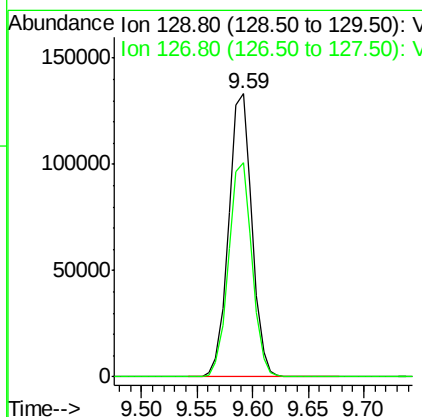
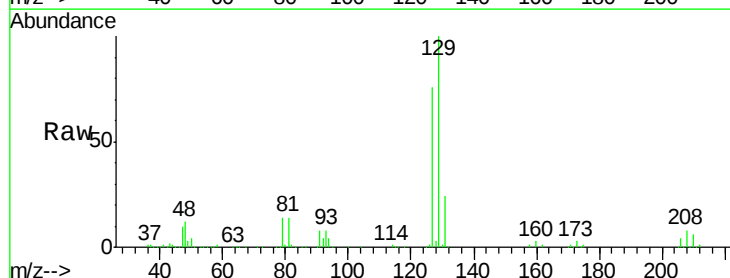
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

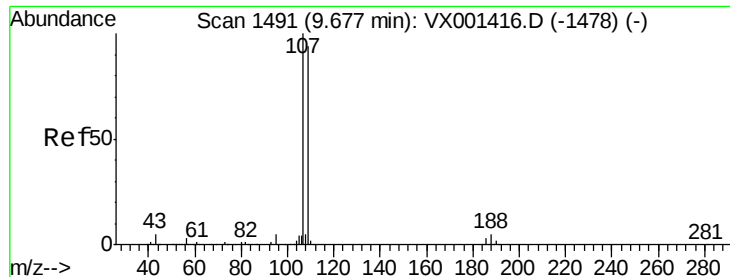
Tgt Ion: 43 Resp: 992570
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.2



#60
Dibromochloromethane
Concen: 57.57 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion: 129 Resp: 191860
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 55.02 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

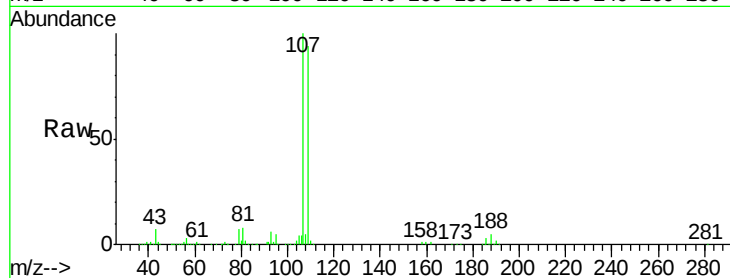
VSTDICCC050

Tgt Ion: 107 Resp: 185853

Ion Ratio Lower Upper

107 100

109 94.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

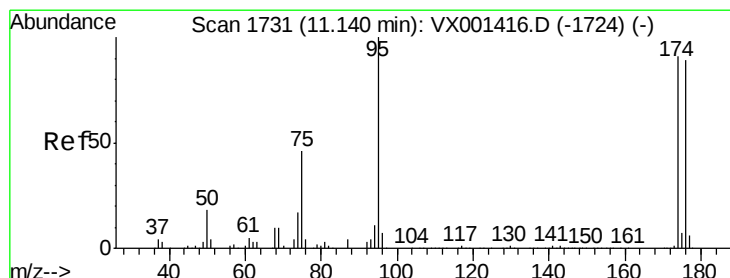
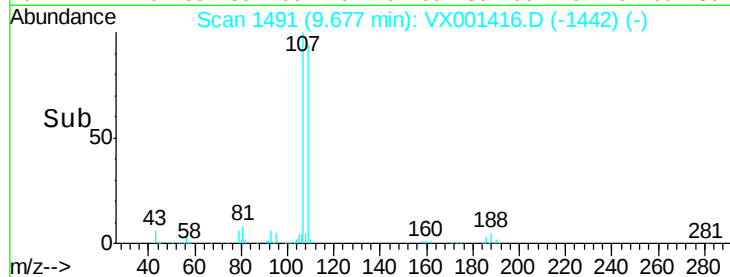
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

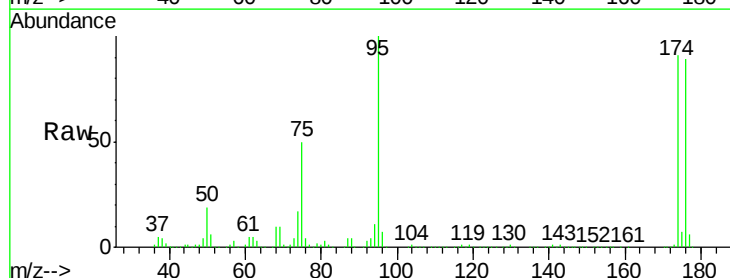
Tgt Ion: 95 Resp: 225046

Ion Ratio Lower Upper

95 100

174 101.0 0.0 202.0

176 98.7 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

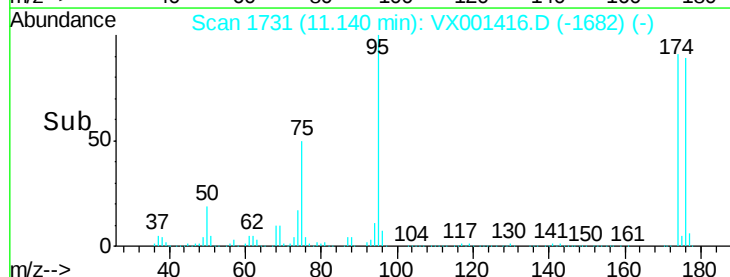
150000

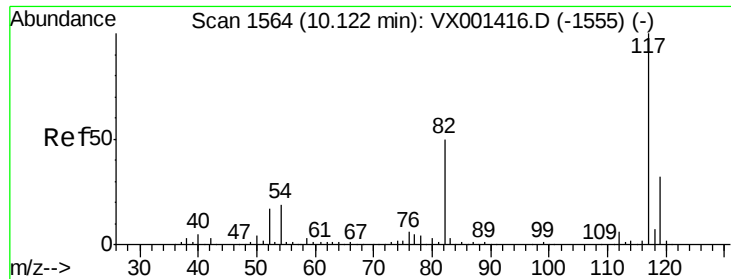
100000

50000

0

Time-->

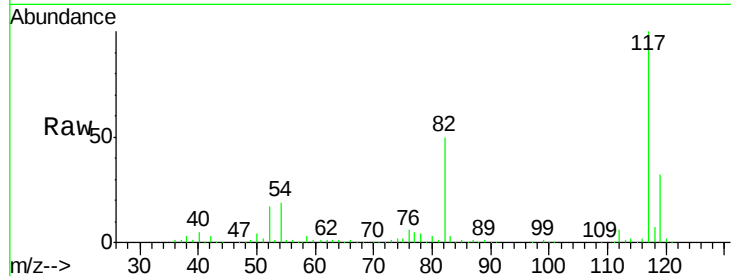




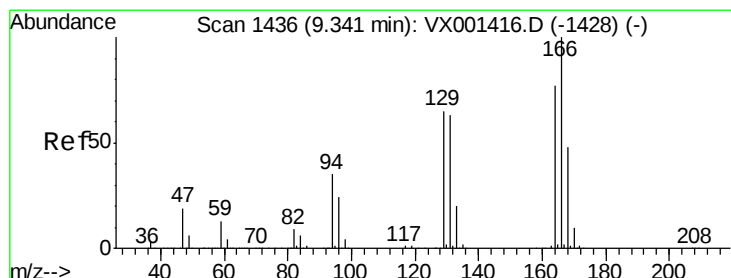
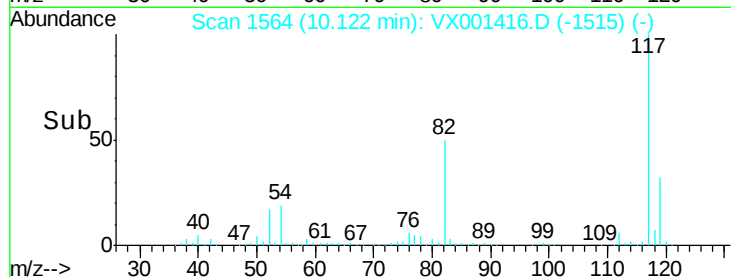
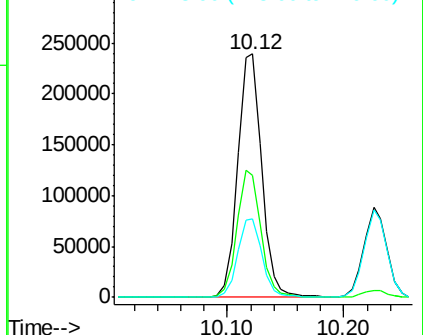
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 345942
Ion Ratio Lower Upper
117 100
82 50.0 40.0 60.0
119 32.3 25.8 38.8

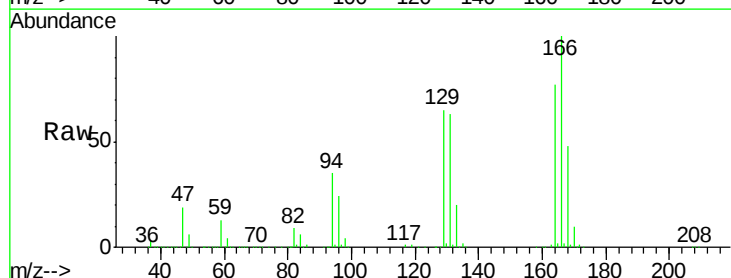


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

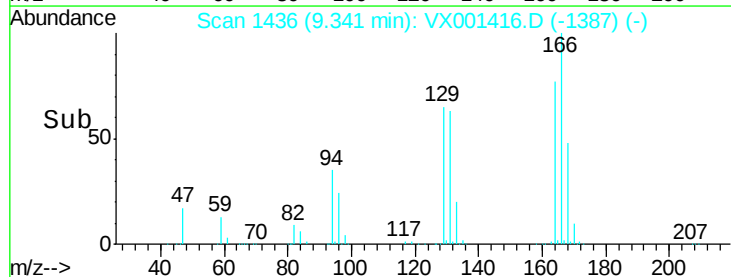
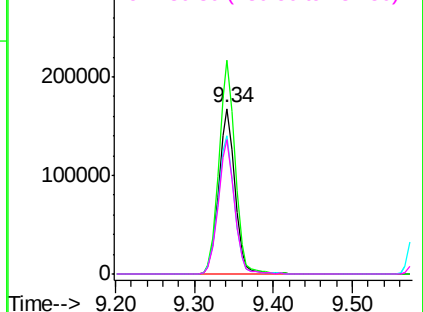


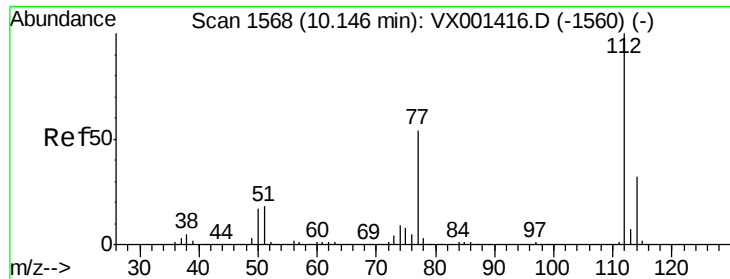
#64
Tetrachloroethene
Concen: 56.78 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion:164 Resp: 240816
Ion Ratio Lower Upper
164 100
166 129.4 103.5 155.3
129 83.4 66.7 100.1
131 81.1 64.9 97.3



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





#65

Chlorobenzene

Concen: 52.04 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

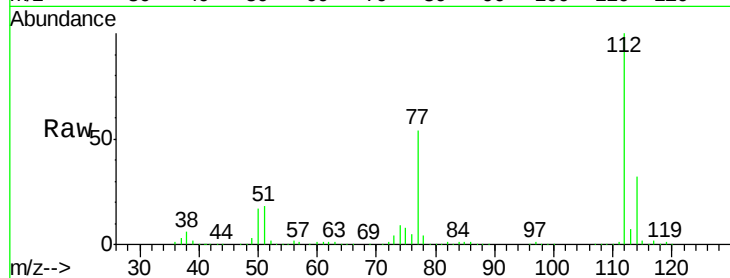
VSTDICCC050

Tgt Ion:112 Resp: 497729

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

400000

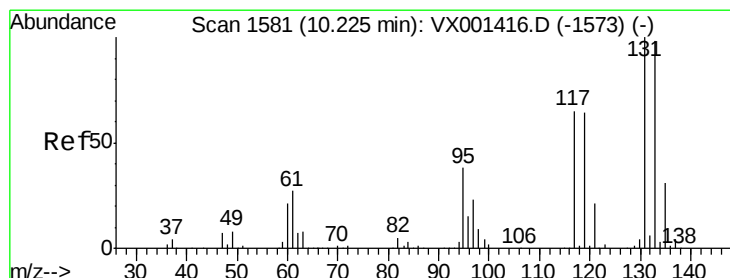
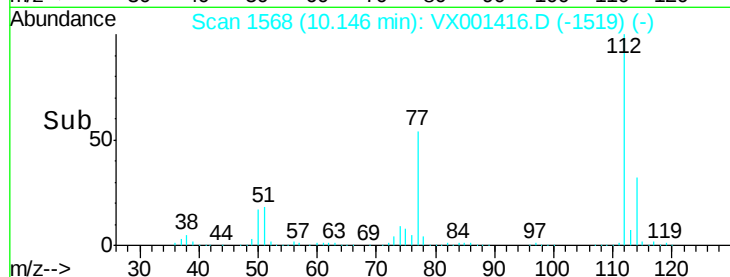
300000

200000

100000

0

Time--> 10.00 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 55.73 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

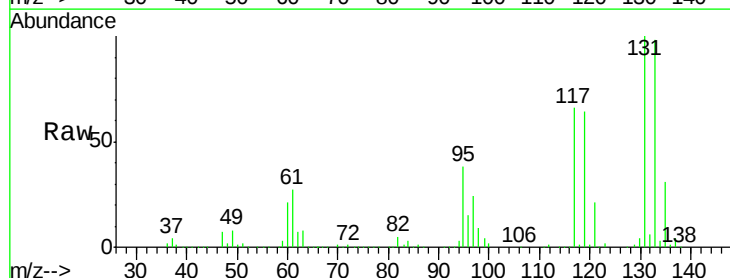
Tgt Ion:131 Resp: 185576

Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.8

119 62.2 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

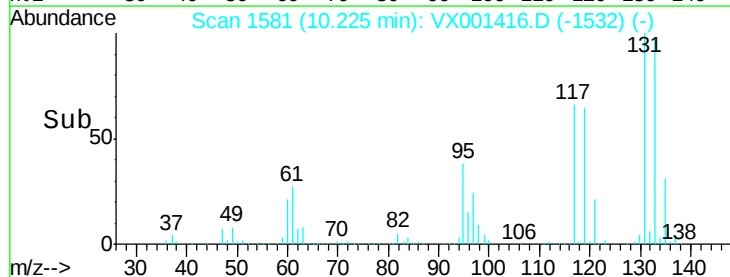
150000

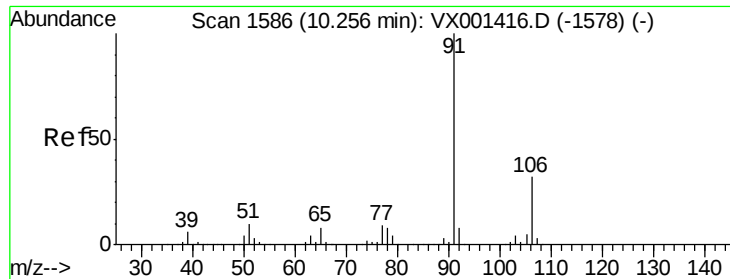
100000

50000

0

Time--> 10.20 10.30





#67

Ethyl Benzene

Concen: 52.71 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

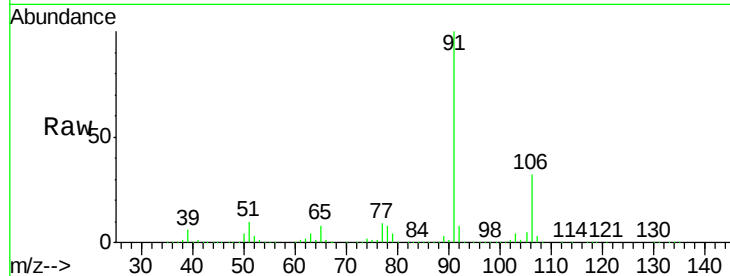
VSTDICCC050

Tgt Ion: 91 Resp: 829337

Ion Ratio Lower Upper

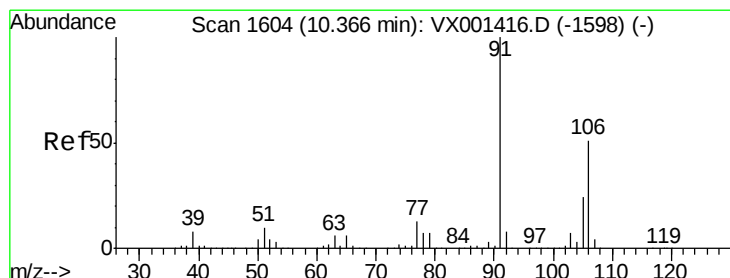
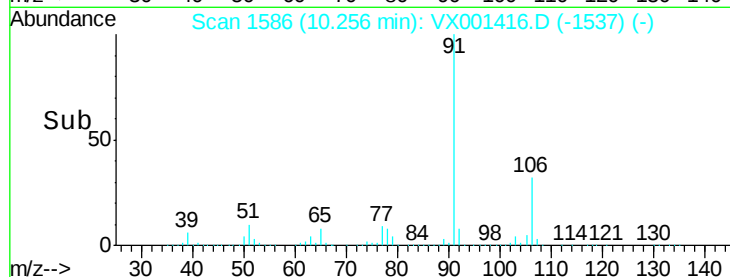
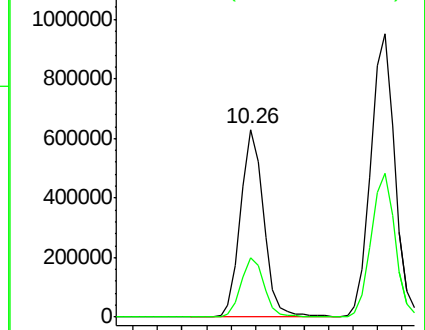
91 100

106 31.9 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 107.43 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001416.D

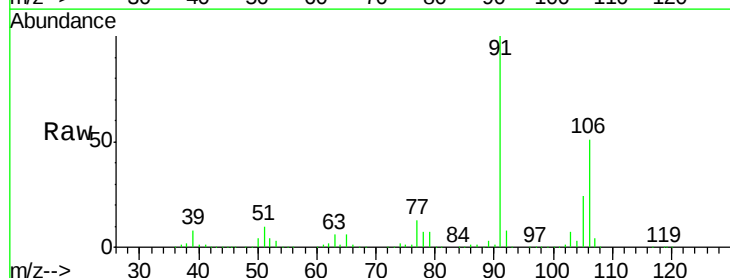
Acq: 05 May 2018 13:24

Tgt Ion: 106 Resp: 666327

Ion Ratio Lower Upper

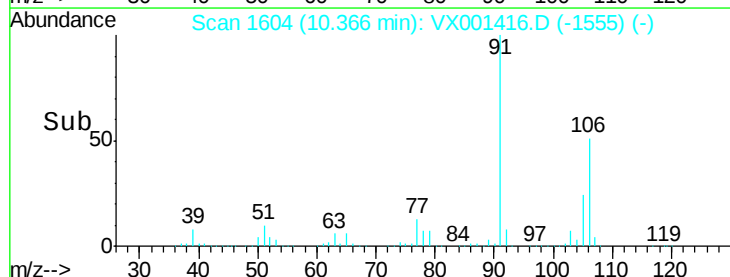
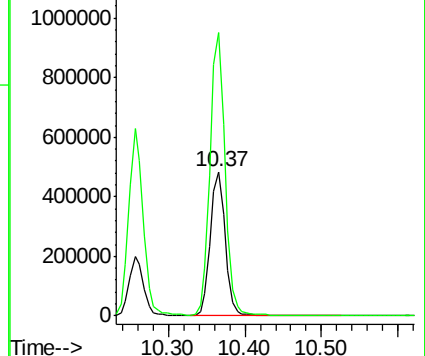
106 100

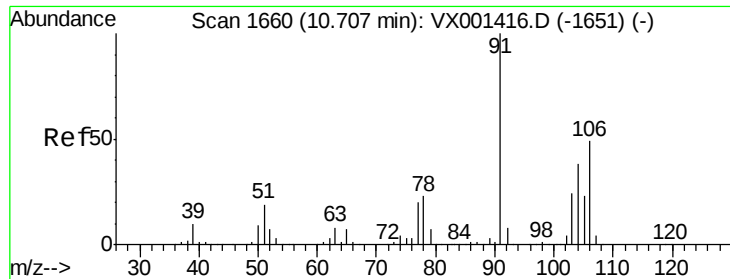
91 196.9 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

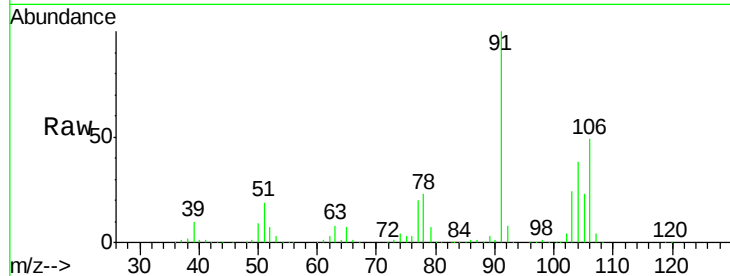




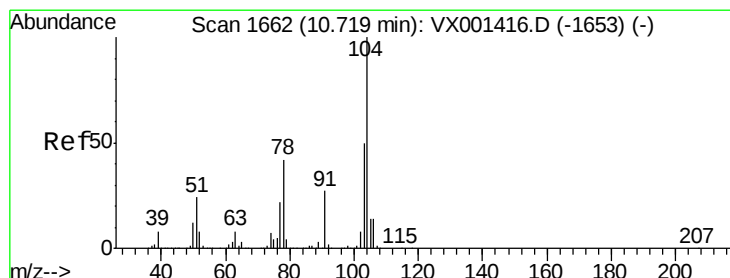
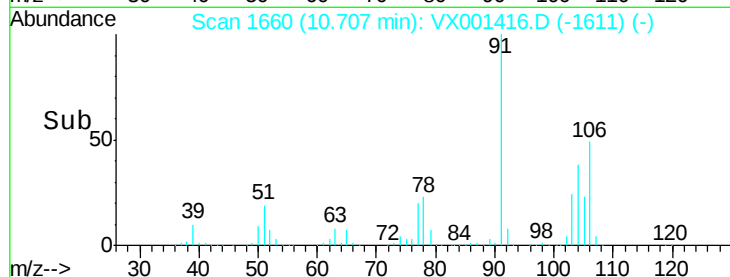
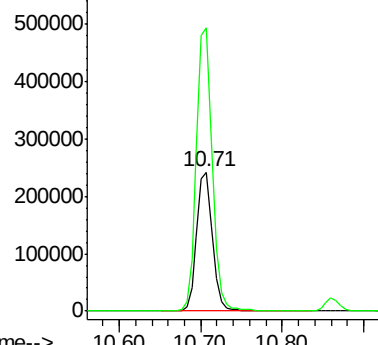
#69
o-Xylene
Concen: 53.92 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 325372
Ion Ratio Lower Upper
106 100
91 206.1 103.1 309.1

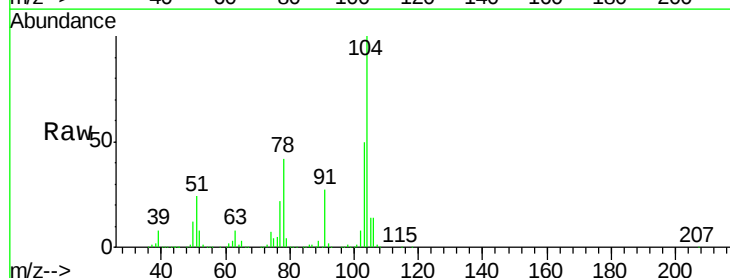


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

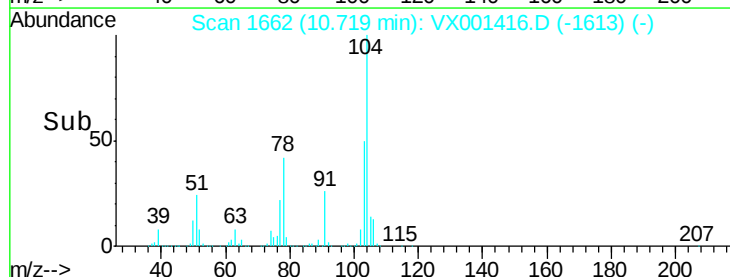
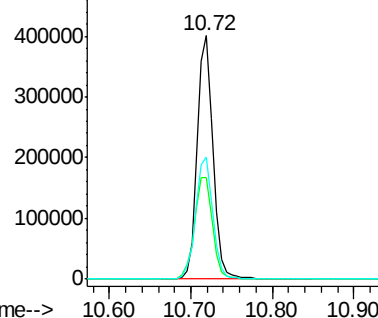


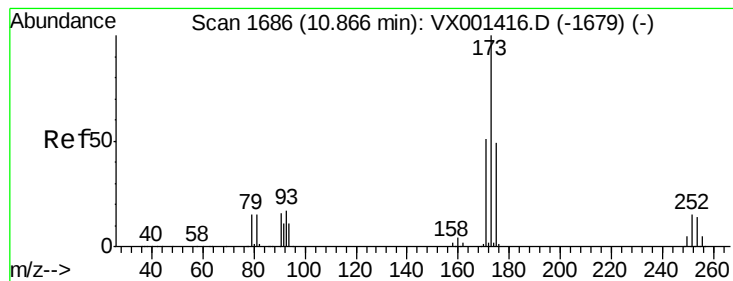
#70
Styrene
Concen: 54.39 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion:104 Resp: 536467
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 55.0 44.0 66.0



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





#71

Bromoform

Concen: 56.61 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

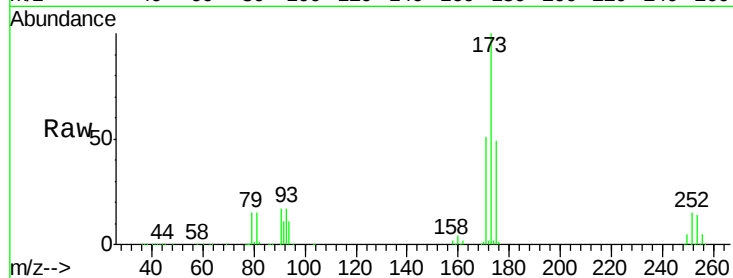
Tgt Ion:173 Resp: 159146

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

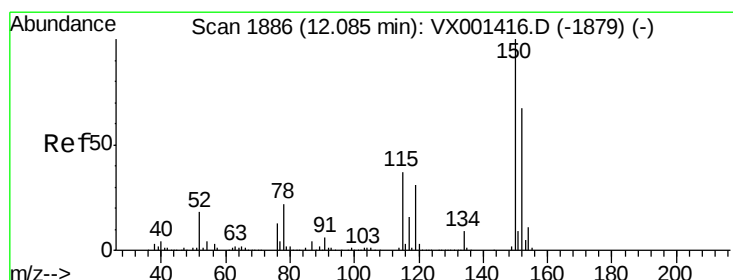
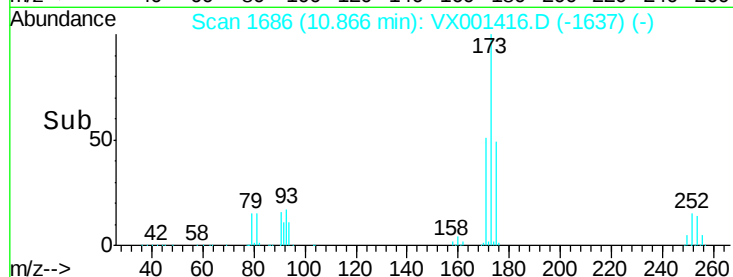
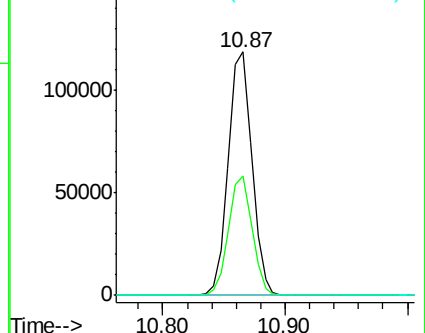
254 0.2 0.2 0.2



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: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

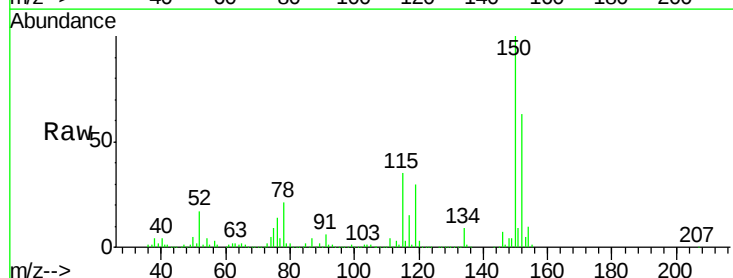
Tgt Ion:152 Resp: 254200

Ion Ratio Lower Upper

152 100

115 75.4 37.7 113.1

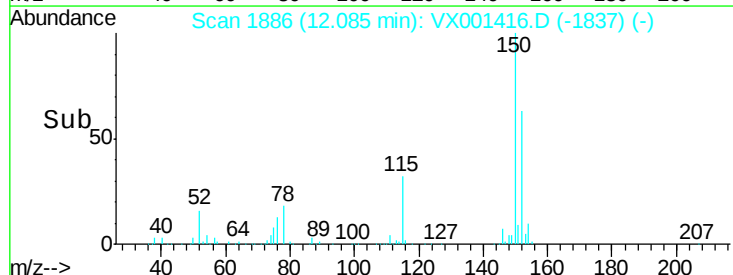
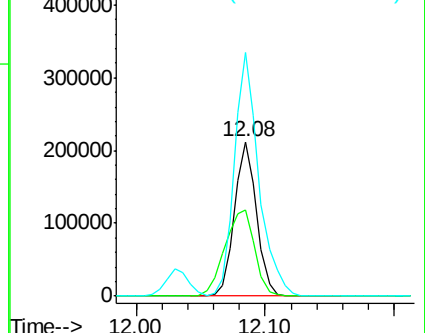
150 174.7 0.0 349.4

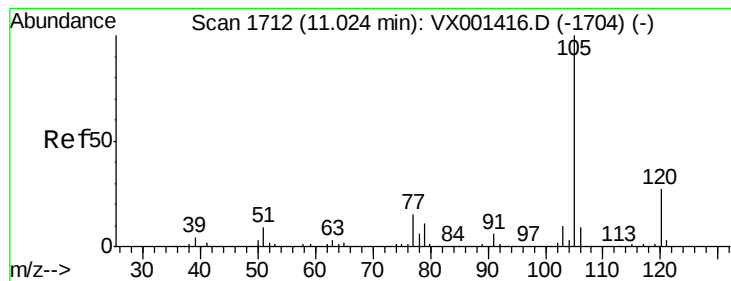


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.69 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

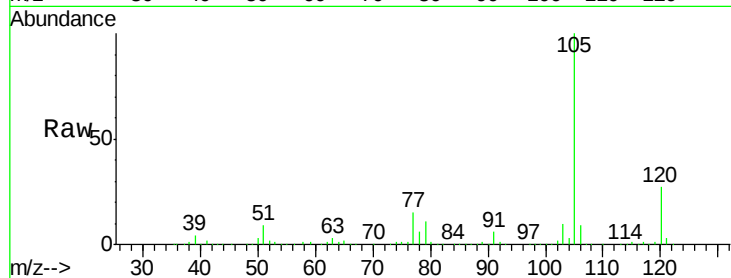
VSTDICCC050

Tgt Ion: 105 Resp: 870903

Ion Ratio Lower Upper

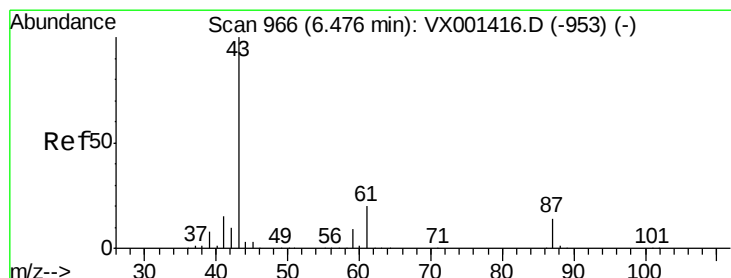
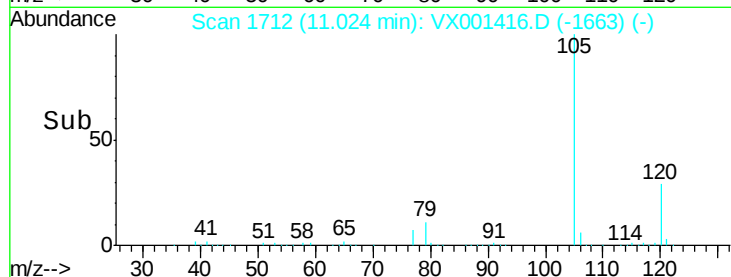
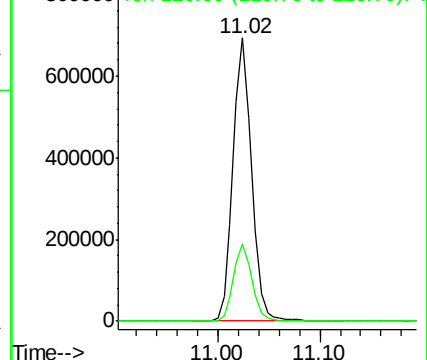
105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.22 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Tgt Ion: 43 Resp: 386376

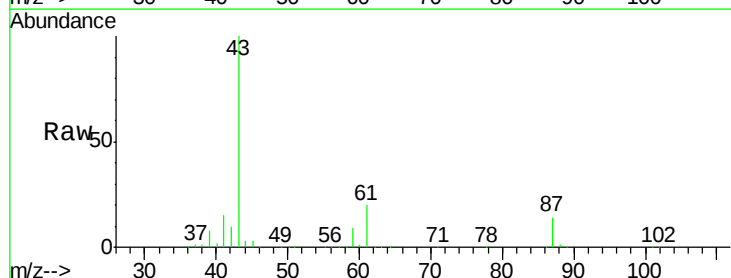
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.2 15.4 23.0

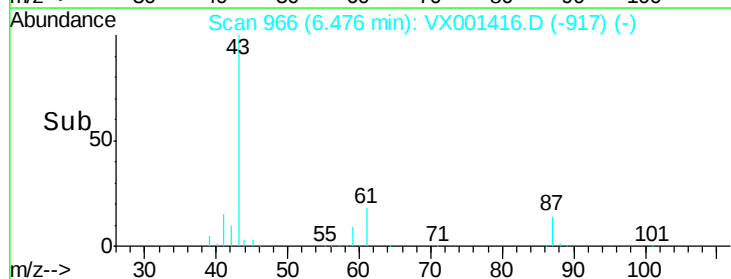
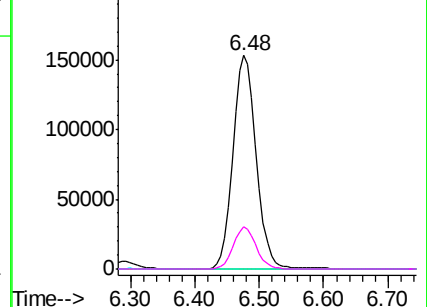


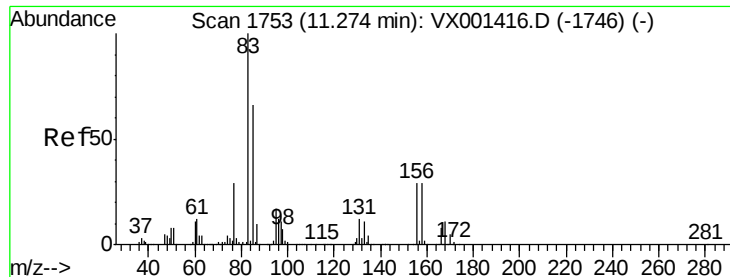
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.73 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

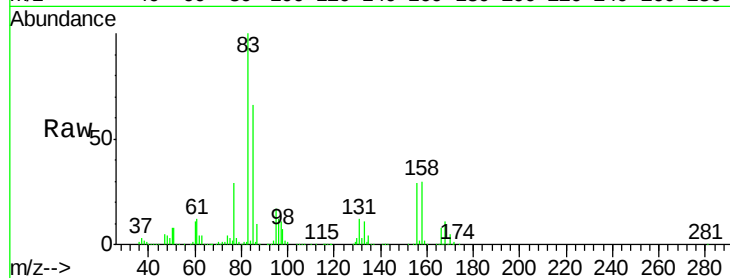
Tgt Ion: 83 Resp: 248842

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

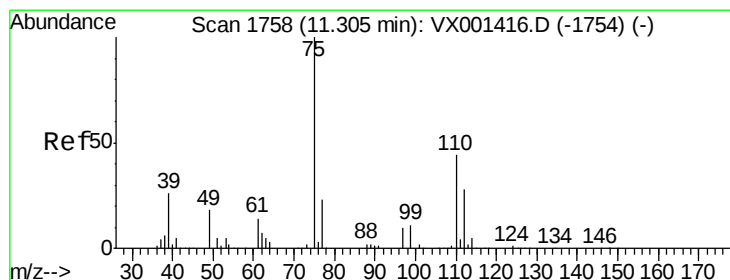
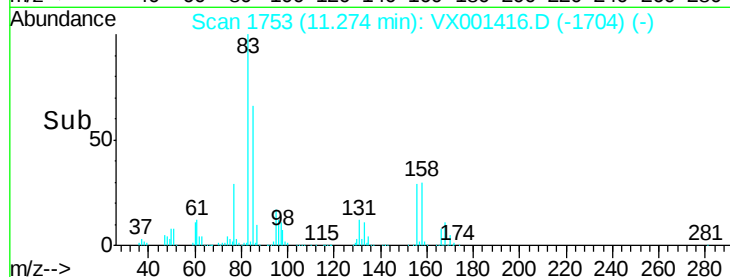
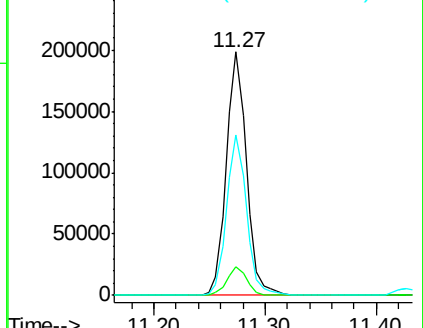
85 65.4 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.79 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001416.D

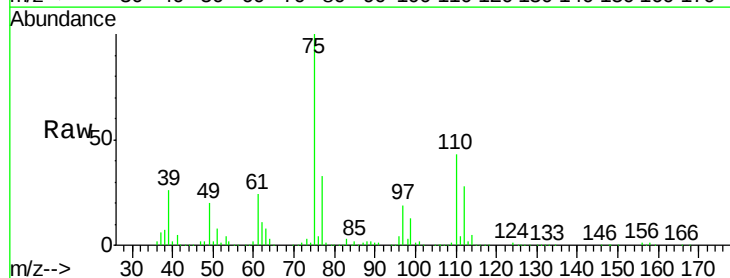
Acq: 05 May 2018 13:24

Tgt Ion: 75 Resp: 302993

Ion Ratio Lower Upper

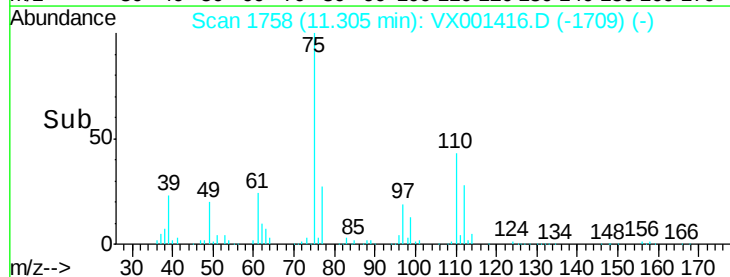
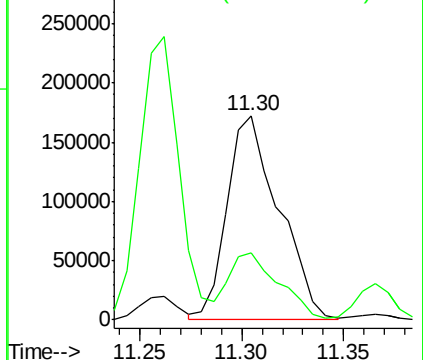
75 100

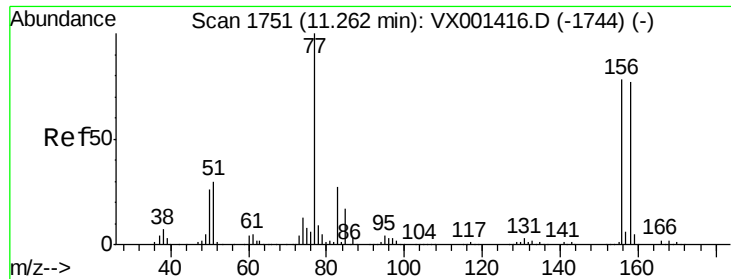
77 31.7 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.56 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

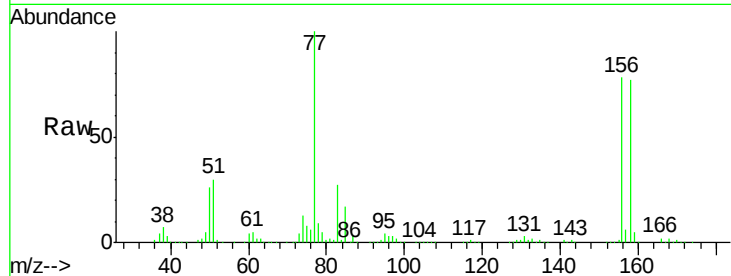
Tgt Ion:156 Resp: 244473

Ion Ratio Lower Upper

156 100

77 132.1 66.0 198.2

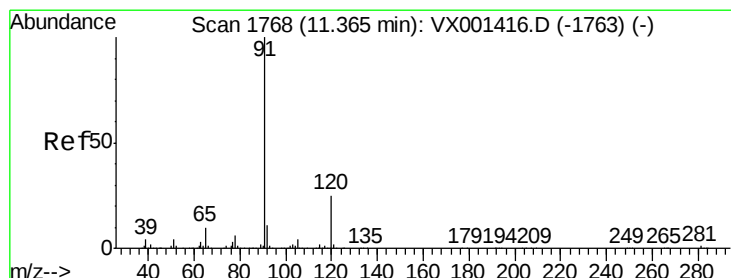
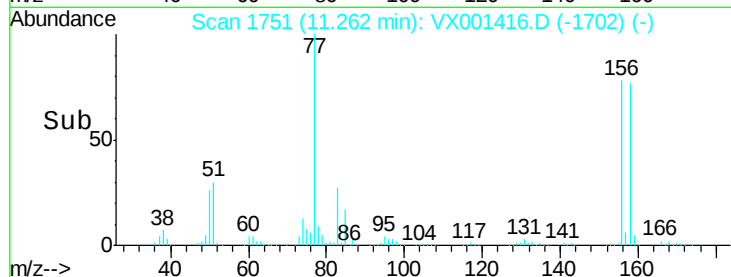
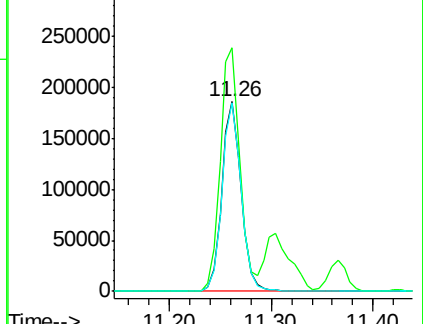
158 98.8 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.61 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001416.D

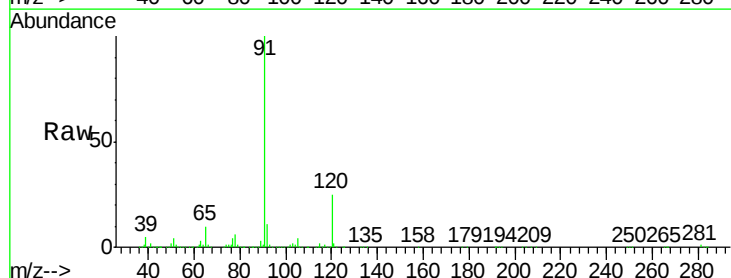
Acq: 05 May 2018 13:24

Tgt Ion: 91 Resp: 962932

Ion Ratio Lower Upper

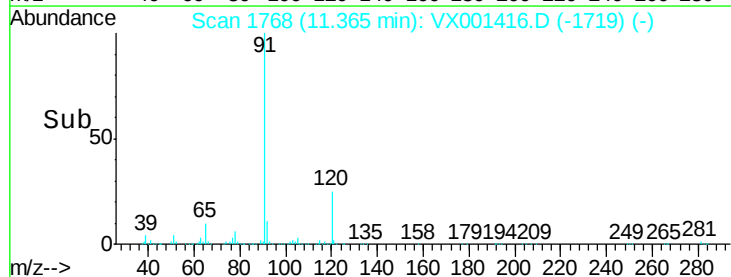
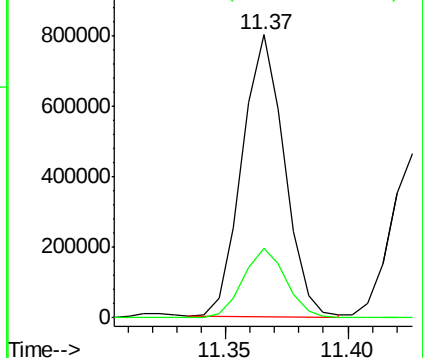
91 100

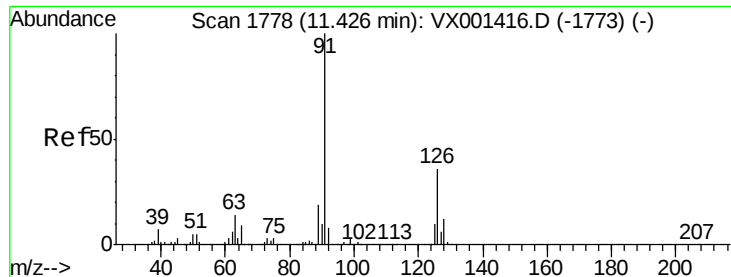
120 25.0 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

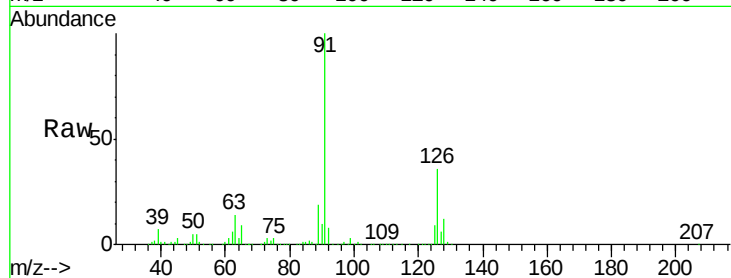
VSTDICCC050

Tgt Ion: 91 Resp: 579632

Ion Ratio Lower Upper

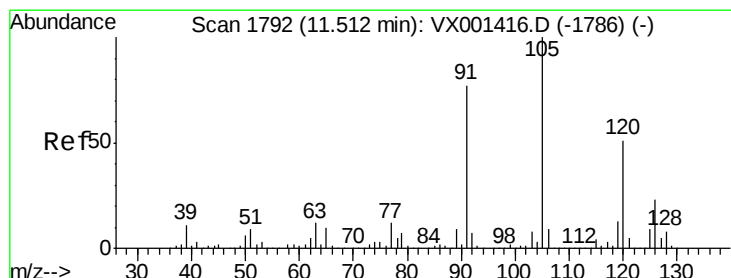
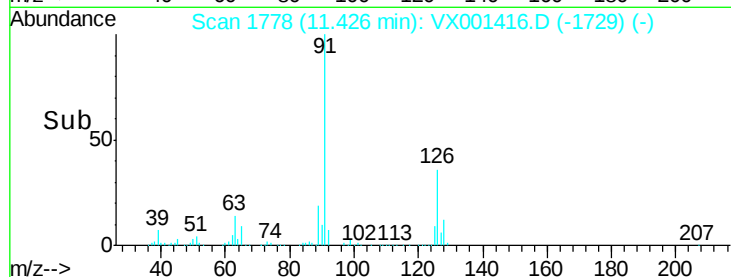
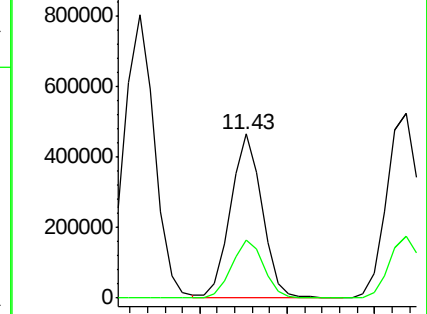
91 100

126 36.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.04 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001416.D

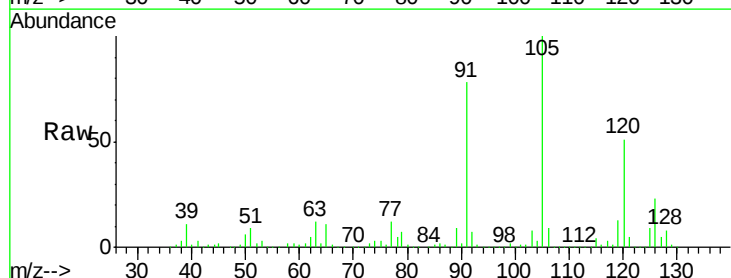
Acq: 05 May 2018 13:24

Tgt Ion: 105 Resp: 732639

Ion Ratio Lower Upper

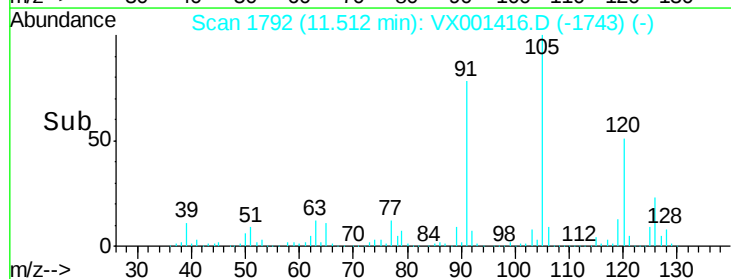
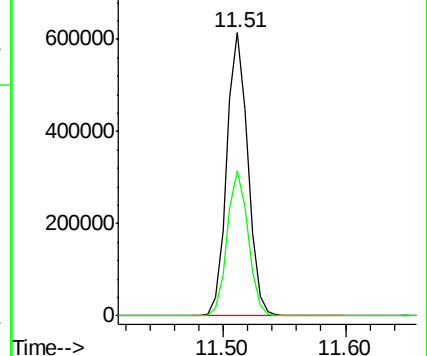
105 100

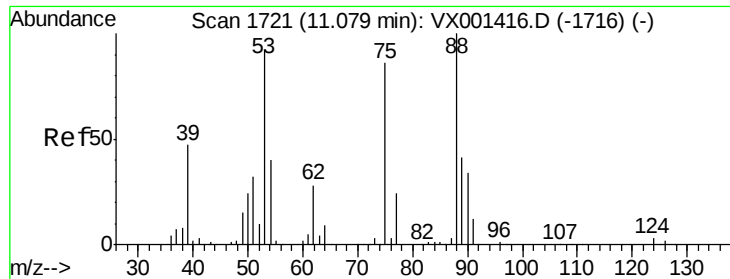
120 51.4 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

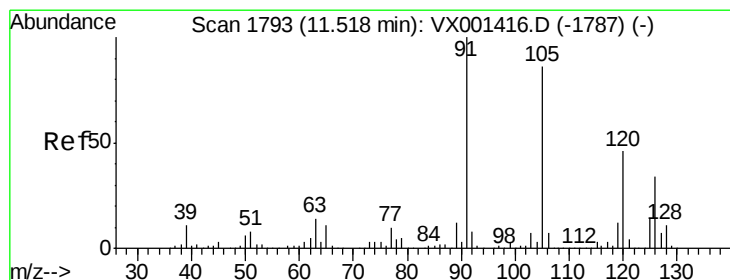
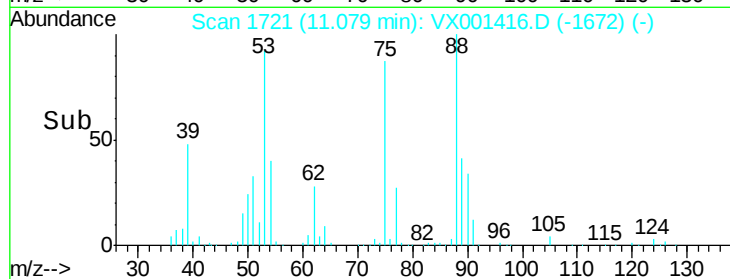
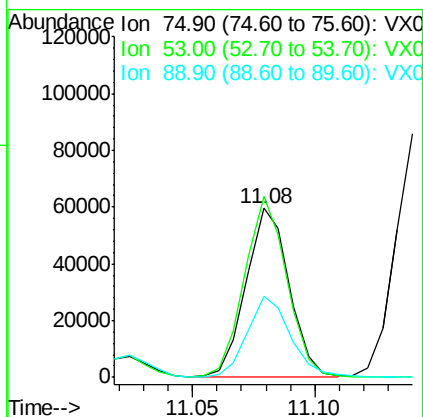
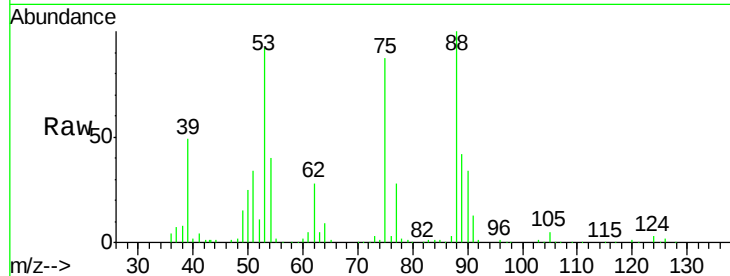




#81
trans-1,4-Dichloro-2-butene
Concen: 58.16 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

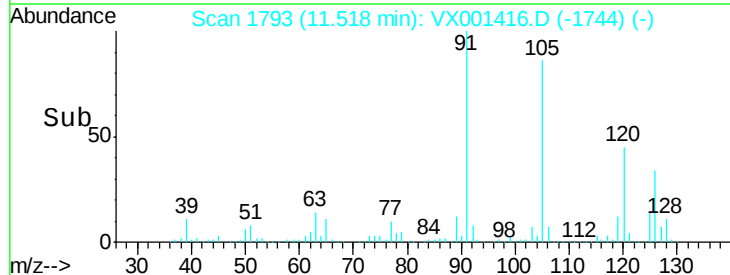
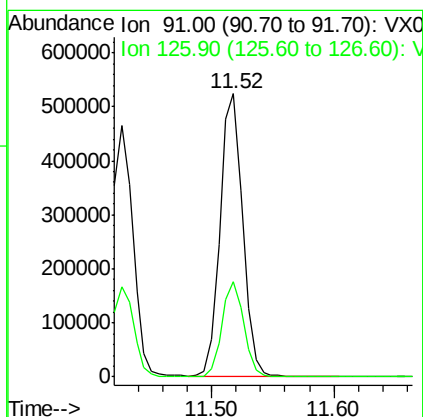
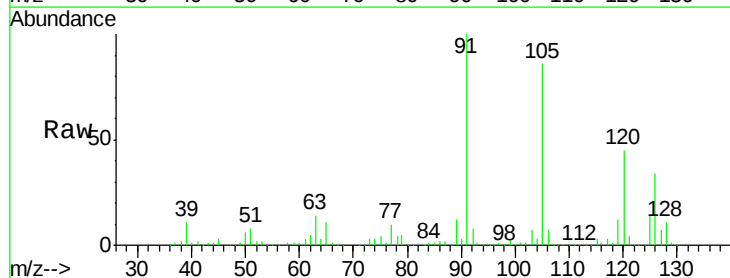
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

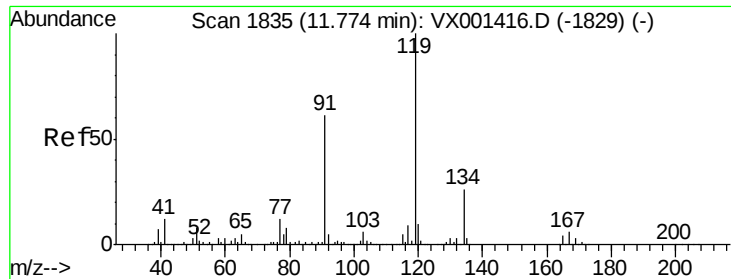
Tgt Ion: 75 Resp: 72315
Ion Ratio Lower Upper
75 100
53 105.6 84.5 126.7
89 49.4 39.5 59.3



#82
4-Chlorotoluene
Concen: 49.28 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion: 91 Resp: 677841
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5

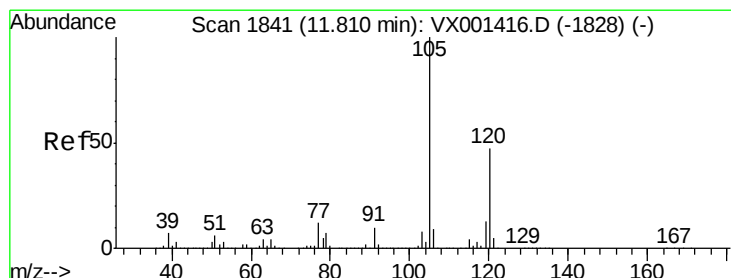
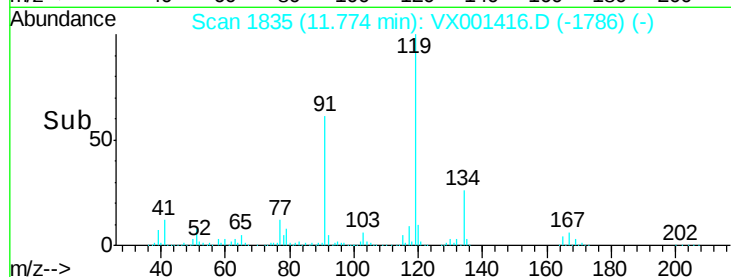
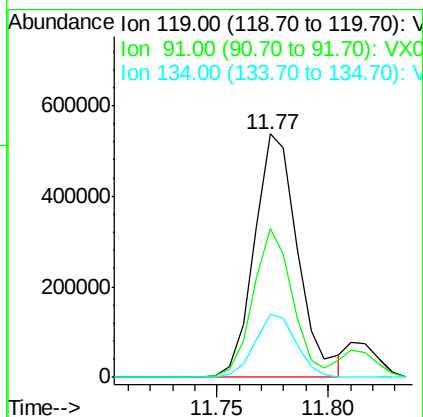
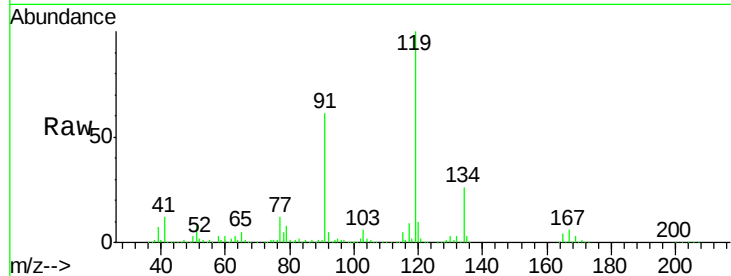




#83
 tert-Butylbenzene
 Concen: 51.06 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

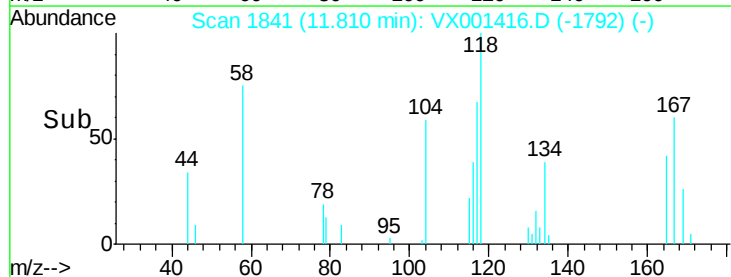
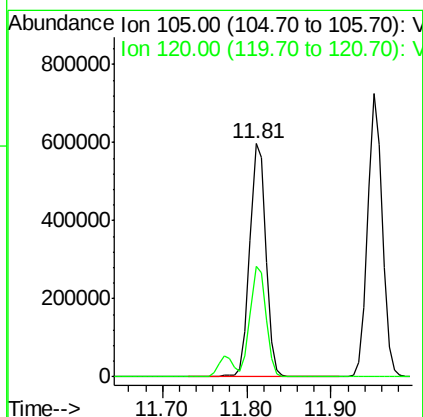
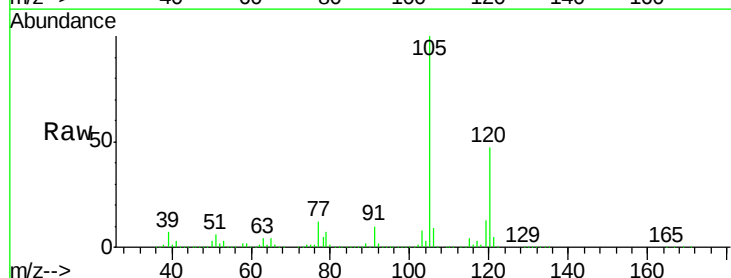
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

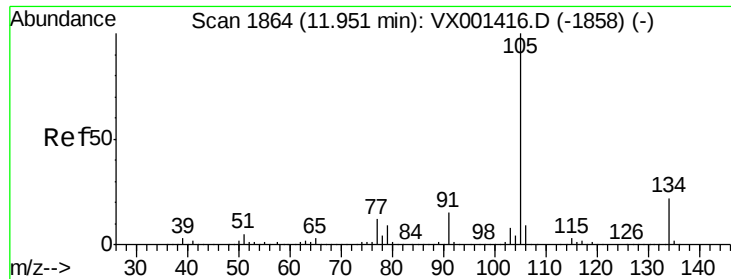
Tgt Ion:119 Resp: 730651
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.8 83.3
 134 24.7 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.42 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion:105 Resp: 757452
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.2

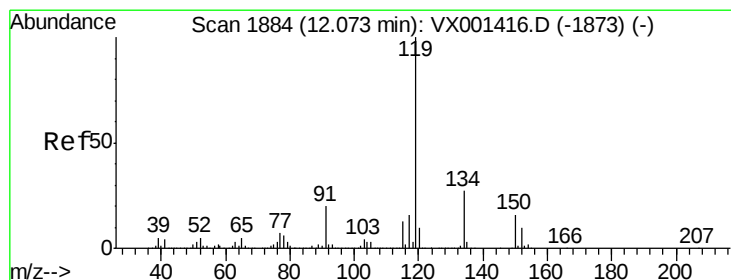
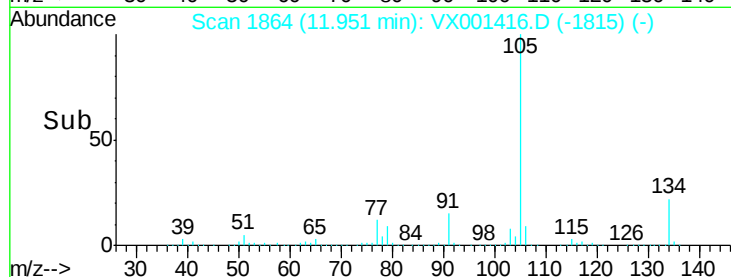
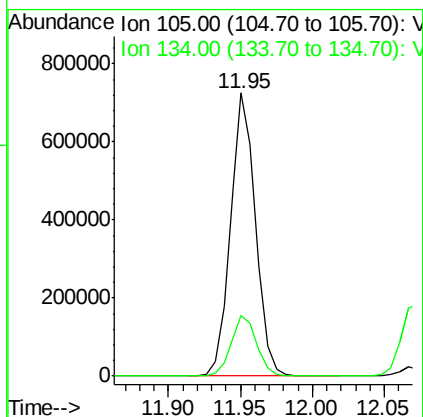
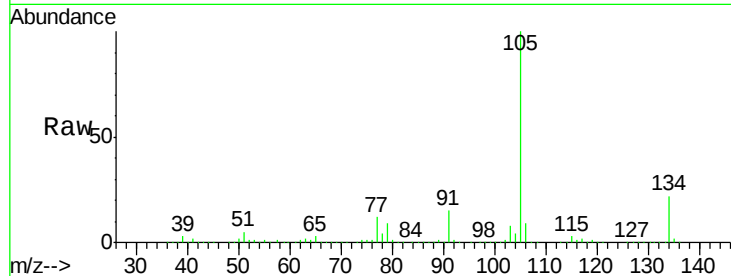




#85
 sec-Butylbenzene
 Concen: 51.48 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

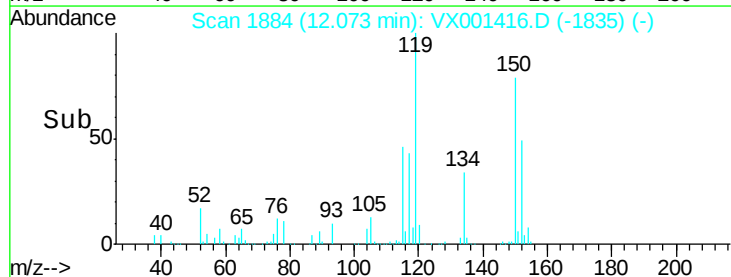
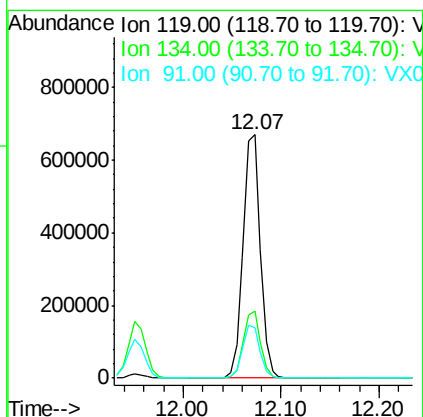
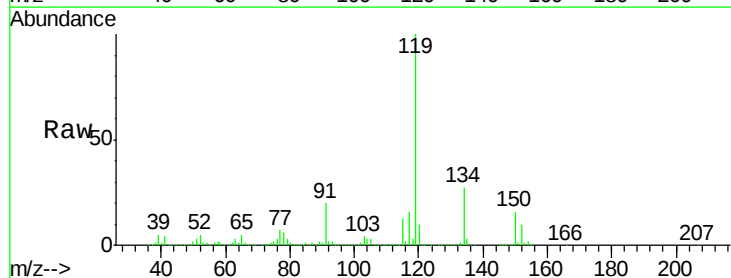
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

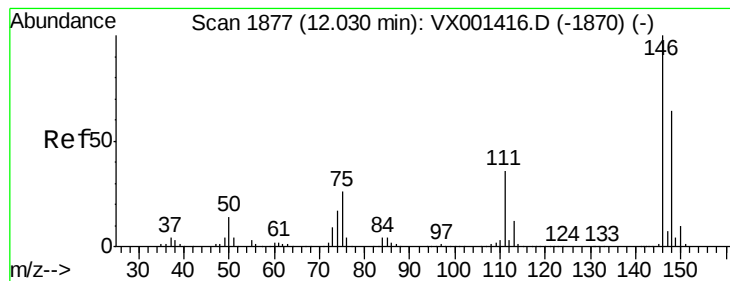
Tgt Ion:105 Resp: 883304
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.17 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion:119 Resp: 822415
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 21.5 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 48.35 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

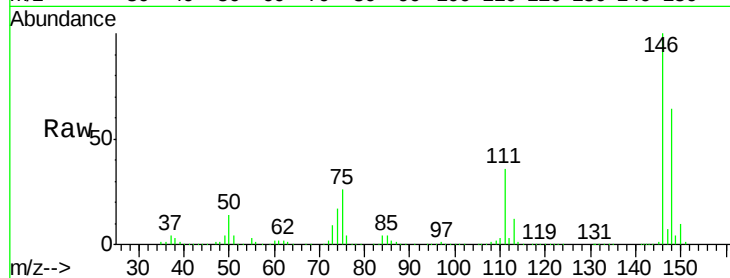
Tgt Ion:146 Resp: 445743

Ion Ratio Lower Upper

146 100

111 36.1 18.1 54.1

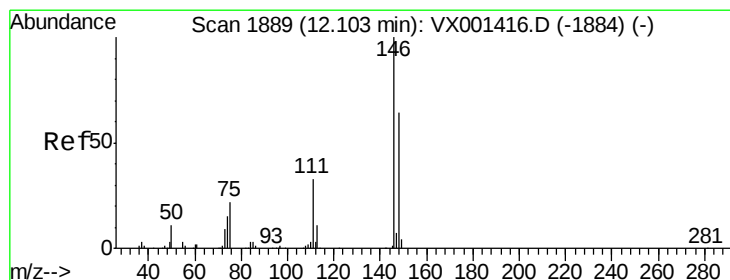
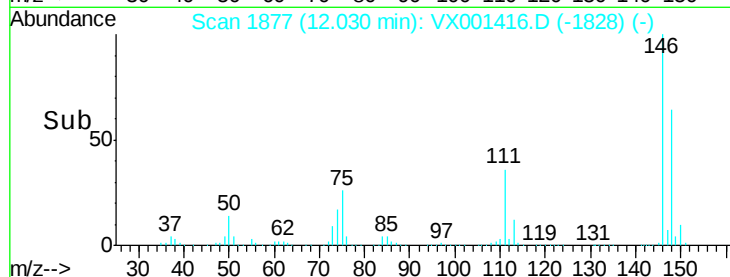
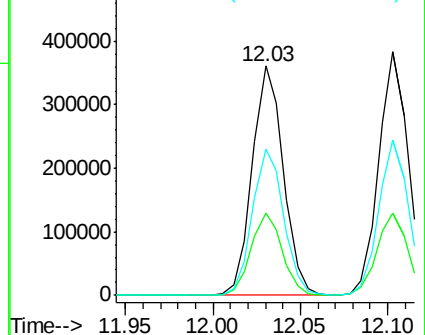
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.56 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001416.D

Acq: 05 May 2018 13:24

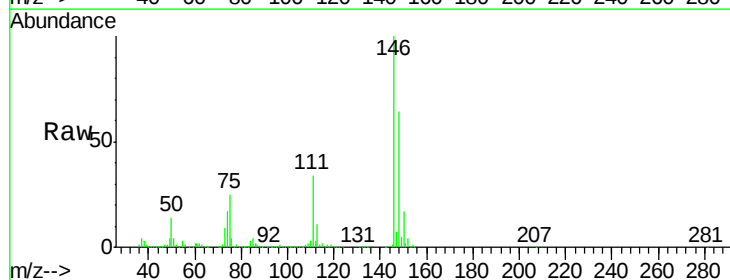
Tgt Ion:146 Resp: 450285

Ion Ratio Lower Upper

146 100

111 34.9 17.4 52.3

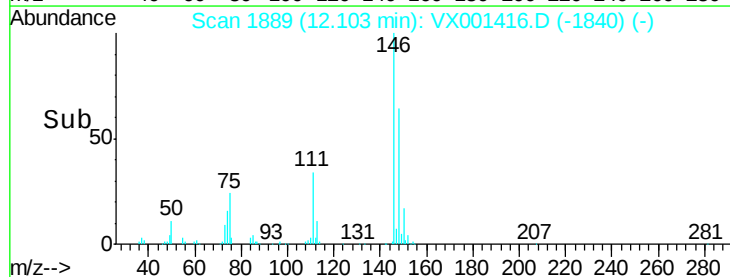
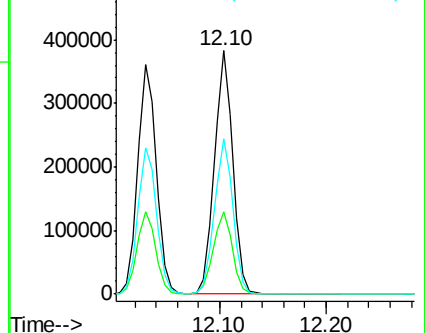
148 64.4 32.2 96.6

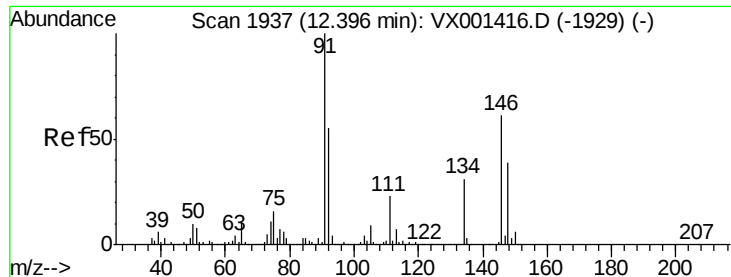


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

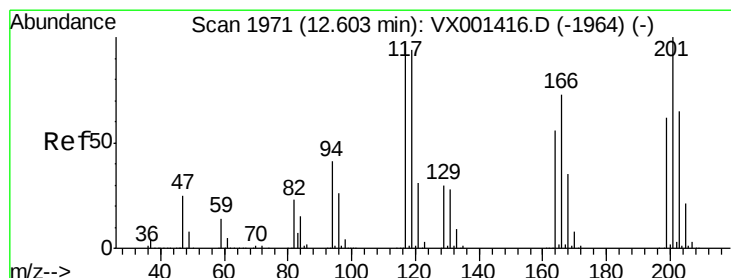
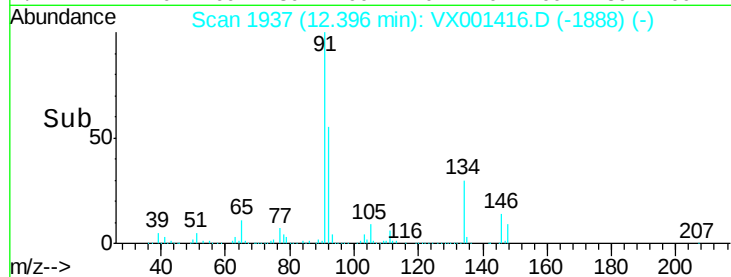
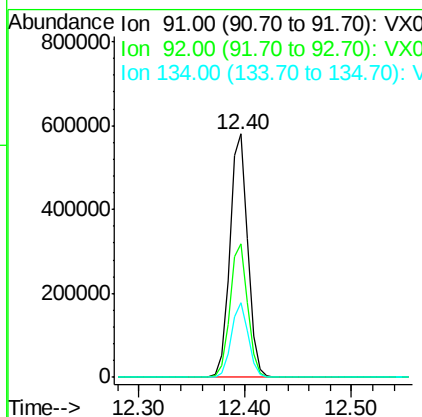
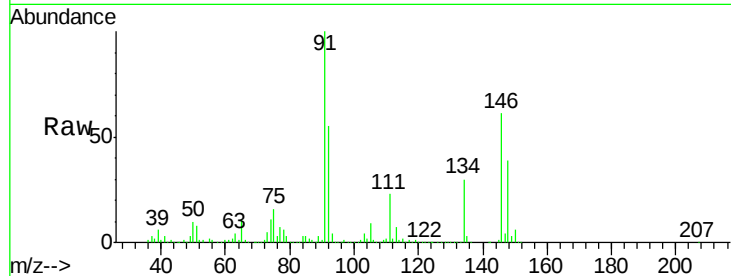




#89
n-Butylbenzene
Concen: 49.79 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

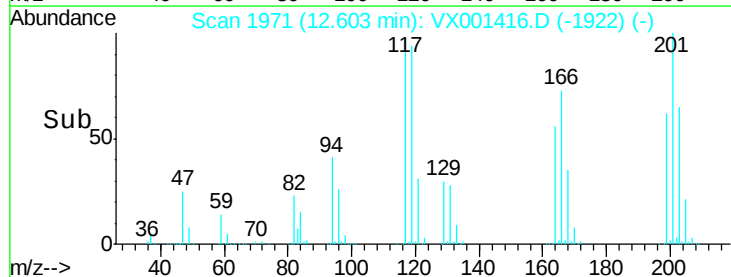
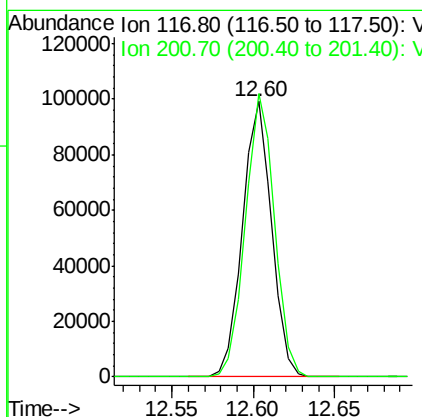
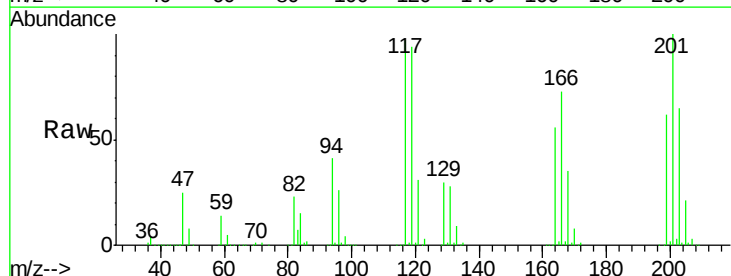
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

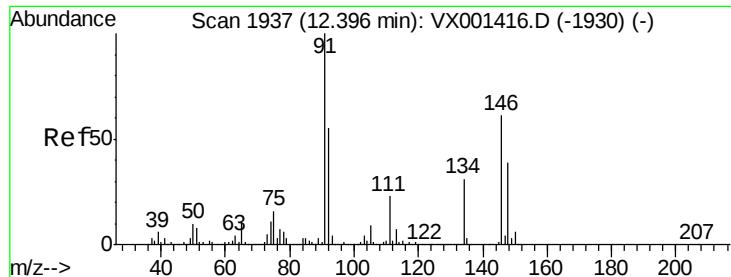
Tgt Ion: 91 Resp: 679158
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.5
134 29.3 14.6 44.0



#90
Hexachloroethane
Concen: 53.97 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion: 117 Resp: 123284
Ion Ratio Lower Upper
117 100
201 103.0 51.5 154.5

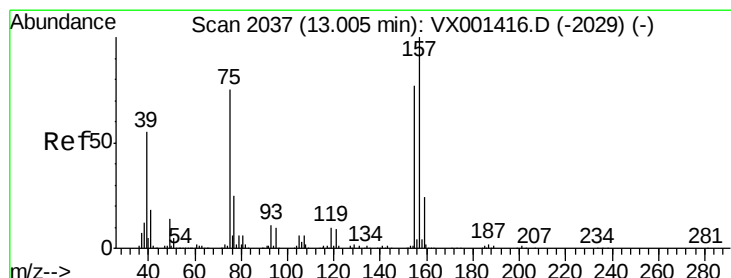
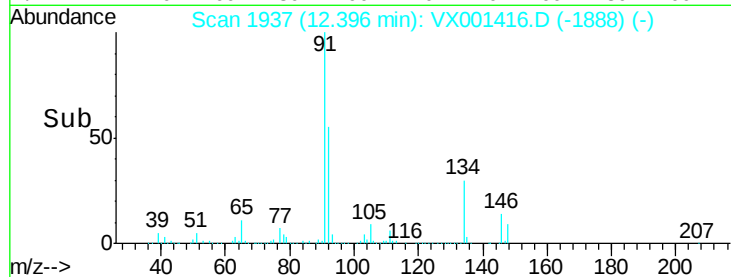
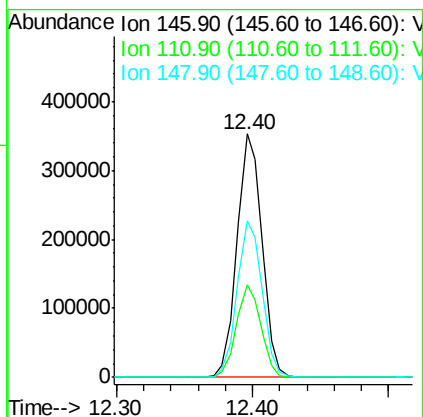
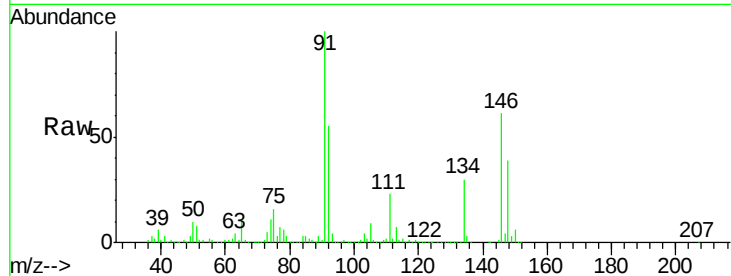




#91
 1,2-Dichlorobenzene
 Concen: 49.15 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

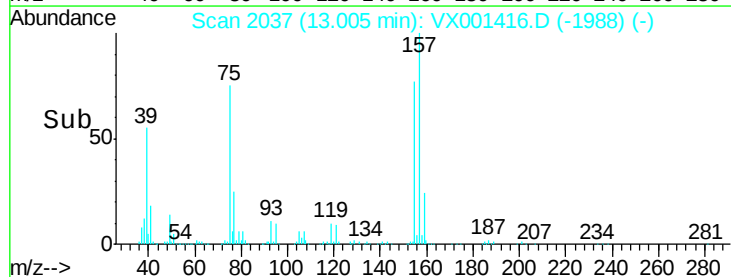
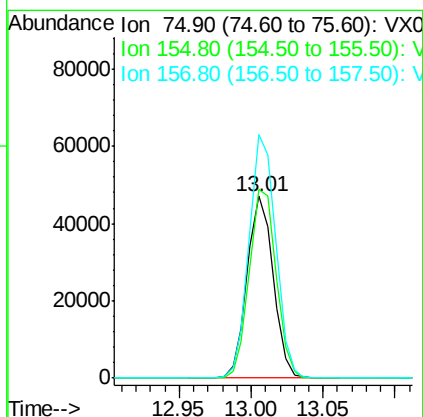
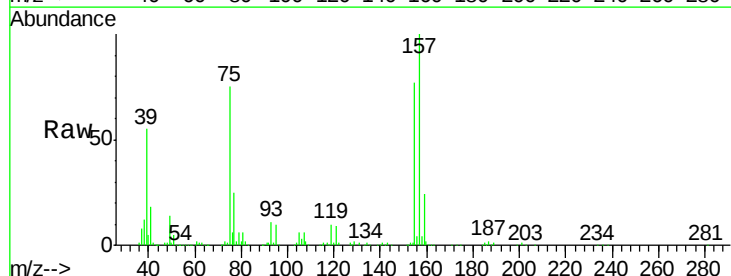
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

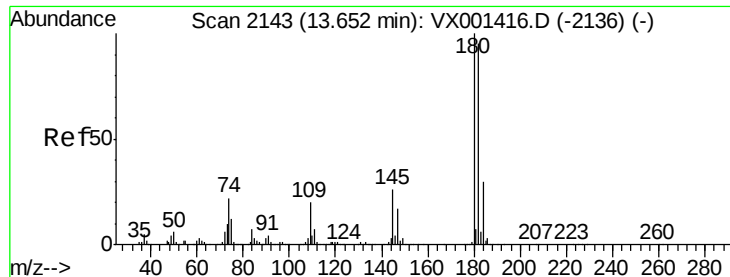
Tgt Ion: 146 Resp: 450897
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.43 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion: 75 Resp: 58919
 Ion Ratio Lower Upper
 75 100
 155 106.8 53.4 160.2
 157 136.5 68.3 204.8

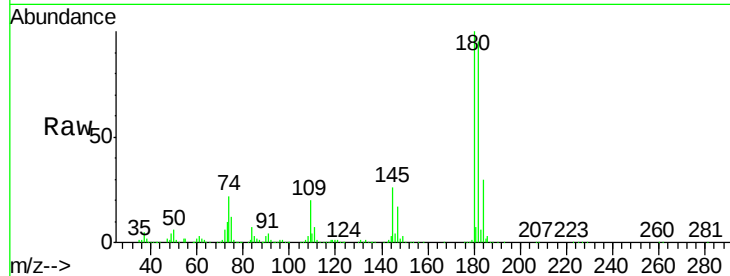




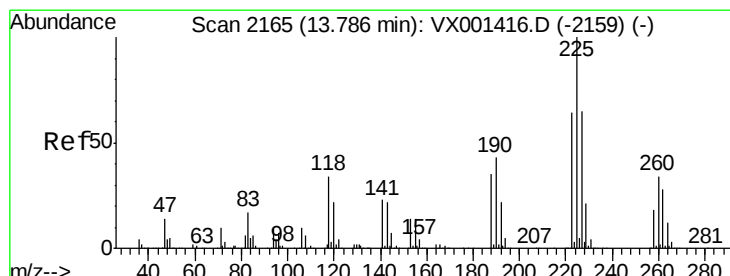
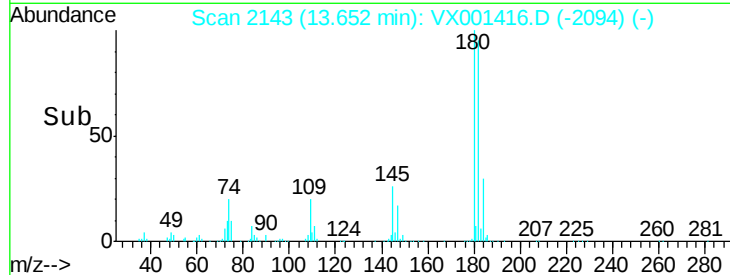
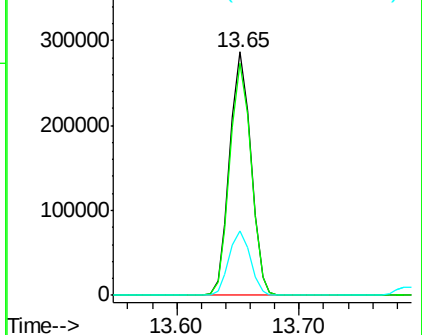
#93
 1,2,4-Trichlorobenzene
 Concen: 46.71 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 342640
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.4
 145 26.6 13.3 39.9

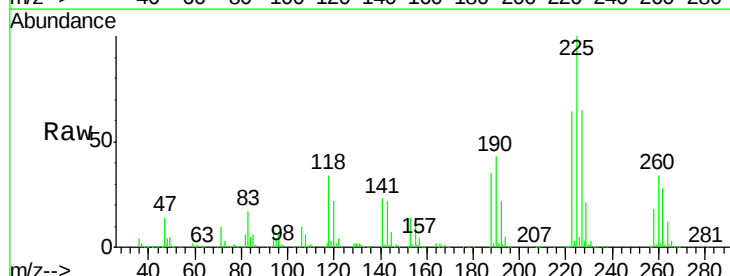


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

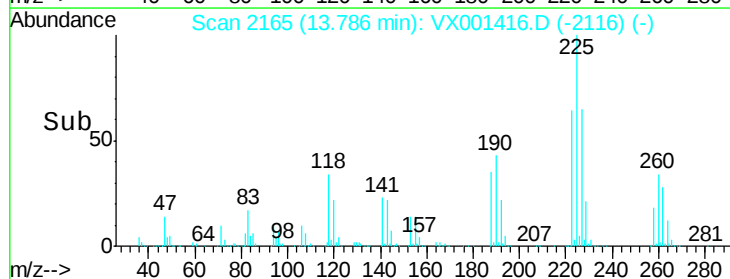
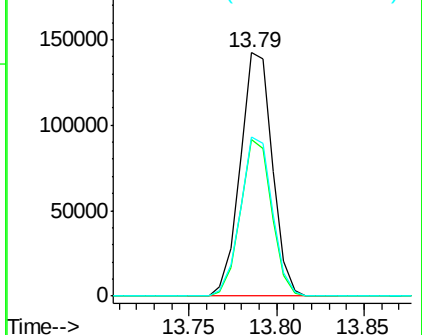


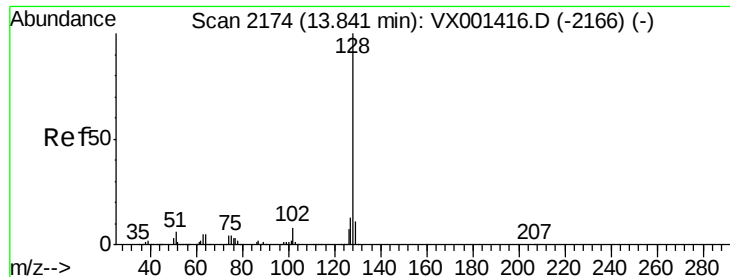
#94
 Hexachlorobutadiene
 Concen: 47.04 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001416.D
 Acq: 05 May 2018 13:24

Tgt Ion:225 Resp: 181116
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 64.8 32.4 97.2



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

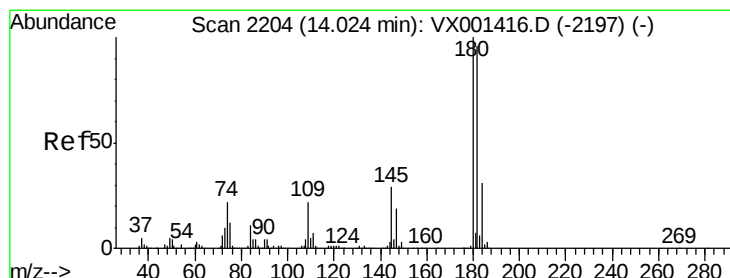
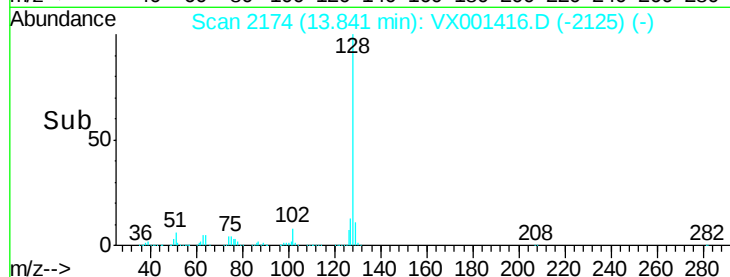
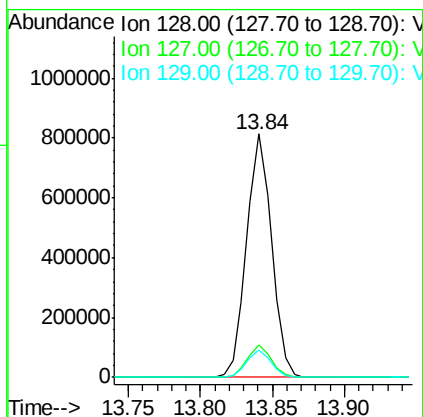
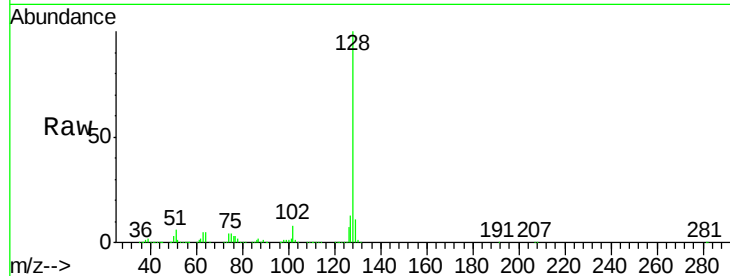




#95
Naphthalene
Concen: 51.89 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 974211
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.45 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001416.D
Acq: 05 May 2018 13:24

Tgt Ion:180 Resp: 350366
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.2
145 28.3 14.1 42.4

