

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
 Data File : VX001423.D
 Acq On : 05 May 2018 17:27
 Operator : JC/MD
 Sample : VX0505WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Quant Time: May 06 08:05:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	234889	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198915	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	5.51	113	159716	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	8.72	98	586306	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.14	95	219588	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	78840	22.05	ug/l	97
3) Chloromethane	1.32	50	72570	20.84	ug/l	99
4) Vinyl Chloride	1.40	62	77195	21.24	ug/l	99
5) Bromomethane	1.64	94	51362	29.46	ug/l	96
6) Chloroethane	1.72	64	50404	20.98	ug/l	99
7) Trichlorofluoromethane	1.93	101	118634	21.69	ug/l	100
8) Diethyl Ether	2.19	74	44913	20.95	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67249	20.97	ug/l	98
10) Methyl Iodide	2.51	142	83588	18.07	ug/l	99
11) Tert butyl alcohol	3.09	59	92719	115.19	ug/l	98
12) 1,1-Dichloroethene	2.37	96	62650	21.32	ug/l	97
13) Acrolein	2.30	56	17943	106.38	ug/l	96
14) Allyl chloride	2.73	41	117189	21.38	ug/l	99
15) Acrylonitrile	3.15	53	199985	109.95	ug/l	99
16) Acetone	2.45	43	200028	115.39	ug/l	99
17) Carbon Disulfide	2.57	76	153630	20.54	ug/l	99
18) Methyl Acetate	2.78	43	102419	22.49	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	220337	21.53	ug/l	99
20) Methylene Chloride	2.86	84	71486	20.83	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	67655	20.63	ug/l	99
22) Diisopropyl ether	3.88	45	206415	20.16	ug/l	98
23) Vinyl Acetate	3.83	43	889177	104.21	ug/l	100
24) 1,1-Dichloroethane	3.70	63	125376	21.92	ug/l	99
25) 2-Butanone	4.72	43	279188	111.42	ug/l	98
26) 2,2-Dichloropropane	4.59	77	94529	21.40	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	72191	20.67	ug/l	98
28) Bromochloromethane	5.02	49	51294	20.69	ug/l	98
29) Tetrahydrofuran	5.18	42	175422	109.42	ug/l	100
30) Chloroform	5.23	83	124374	21.11	ug/l	98
31) Cyclohexane	5.58	56	103012	20.97	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	108984	21.17	ug/l	98
36) 1,1-Dichloropropene	5.81	75	91660	20.61	ug/l	99
37) Ethyl Acetate	4.87	43	103813	21.30	ug/l	100
38) Carbon Tetrachloride	5.79	117	97676	20.59	ug/l	99

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 Data File : VX001423.D
 Acq On : 05 May 2018 17:27
 Operator : JC/MD
 Sample : VX0505WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Quant Time: May 06 08:05:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107048	20.36	ug/l	98
40) Benzene	6.15	78	268773	20.69	ug/l	100
41) Methacrylonitrile	5.07	41	58099	20.83	ug/l	98
42) 1,2-Dichloroethane	6.20	62	105691	21.17	ug/l	99
43) Isopropyl Acetate	6.48	43	159004	21.25	ug/l	100
44) Trichloroethene	7.22	130	83409	21.01	ug/l	100
45) 1,2-Dichloropropane	7.53	63	67702	20.91	ug/l	100
46) Dibromomethane	7.67	93	48032	20.95	ug/l	98
47) Bromodichloromethane	7.90	83	88555	20.87	ug/l	100
48) Methyl methacrylate	7.79	41	85950	21.09	ug/l	99
49) 1,4-Dioxane	7.76	88	38215	434.08	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	546341	109.86	ug/l	98
52) Toluene	8.79	92	177583	20.91	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	101209	21.11	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	91278	19.84	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	70971	20.74	ug/l	98
56) Ethyl methacrylate	9.19	69	102092	20.70	ug/l	99
57) 1,3-Dichloropropane	9.38	76	117529	20.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	256417	105.99	ug/l	100
59) 2-Hexanone	9.51	43	417189	109.56	ug/l	99
60) Dibromochloromethane	9.59	129	72965	20.82	ug/l	100
61) 1,2-Dibromoethane	9.68	107	75373	20.98	ug/l	99
64) Tetrachloroethene	9.34	164	98785	21.38	ug/l	99
65) Chlorobenzene	10.15	112	202345	20.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	73869	21.24	ug/l	99
67) Ethyl Benzene	10.26	91	331313	20.80	ug/l	99
68) m/p-Xylenes	10.37	106	266796	42.38	ug/l	99
69) o-Xylene	10.71	106	128623	21.02	ug/l	99
70) Styrene	10.72	104	210123	21.14	ug/l	99
71) Bromoform	10.87	173	57320	19.49	ug/l	99
73) Isopropylbenzene	11.02	105	344695	21.20	ug/l	100
74) N-amyl acetate	6.48	43	159004	21.53	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	101493	21.13	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	119003	24.98	ug/l	88
77) Bromobenzene	11.26	156	98296	20.79	ug/l	99
78) n-propylbenzene	11.37	91	384313	21.70	ug/l	100
79) 2-Chlorotoluene	11.43	91	231931	21.28	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	291252	21.51	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24427	19.23	ug/l	89
82) 4-Chlorotoluene	11.52	91	269259	21.42	ug/l	100
83) tert-Butylbenzene	11.77	119	281996	20.93	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	302604	21.75	ug/l	99
85) sec-Butylbenzene	11.95	105	350162	21.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	325163	21.92	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	176543	20.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	180577	20.95	ug/l	99
89) n-Butylbenzene	12.40	91	256474	20.87	ug/l	99
90) Hexachloroethane	12.60	117	45469	20.36	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	176153	20.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24031	22.77	ug/l	94

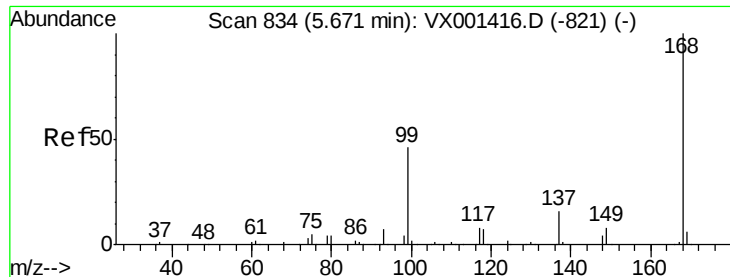
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
Data File : VX001423.D
Acq On : 05 May 2018 17:27
Operator : JC/MD
Sample : VX0505WBS01
Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
ClientSampleId :
VX0505WBS01

Quant Time: May 06 08:05:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129638	20.61	ug/l	99
94) Hexachlorobutadiene	13.79	225	71677	20.82	ug/l	99
95) Naphthalene	13.84	128	376978	21.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133965	20.75	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

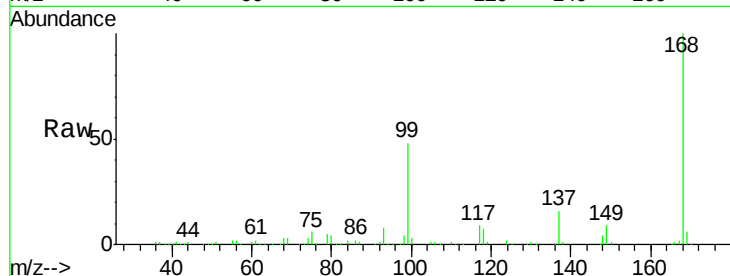
VX0505WBS01

Tgt Ion:168 Resp: 265607

Ion Ratio Lower Upper

168 100

99 47.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

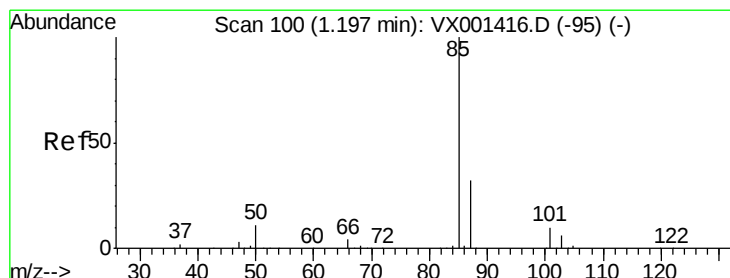
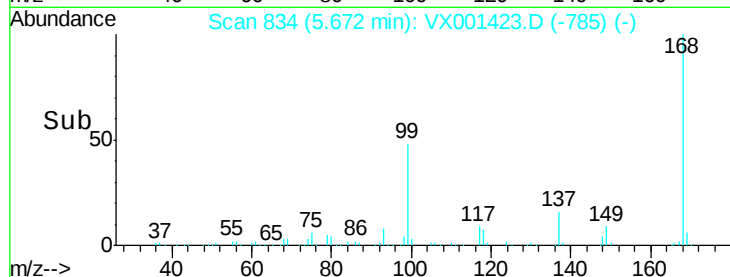
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.05 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001423.D

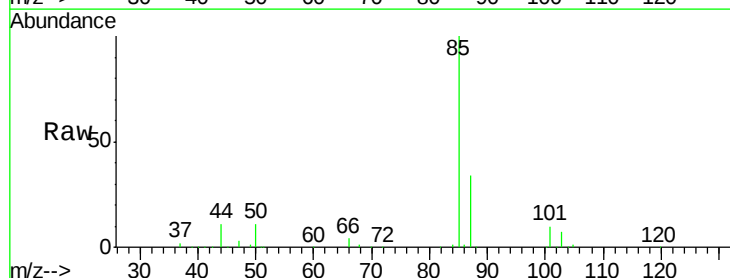
Acq: 05 May 2018 17:27

Tgt Ion: 85 Resp: 78840

Ion Ratio Lower Upper

85 100

87 34.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

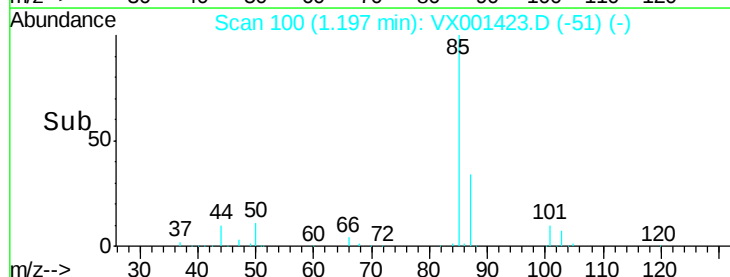
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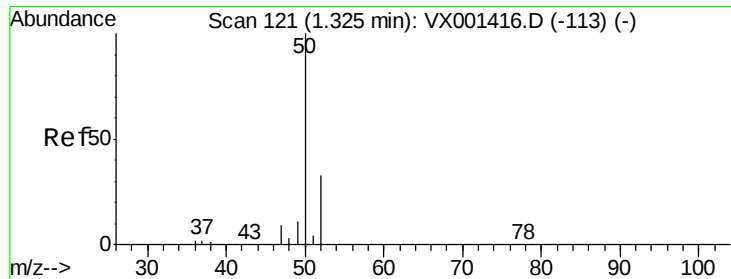
40000

20000

0

Time-->





#3

Chloromethane

Concen: 20.84 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

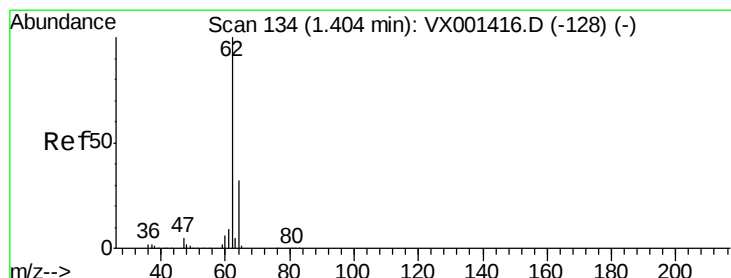
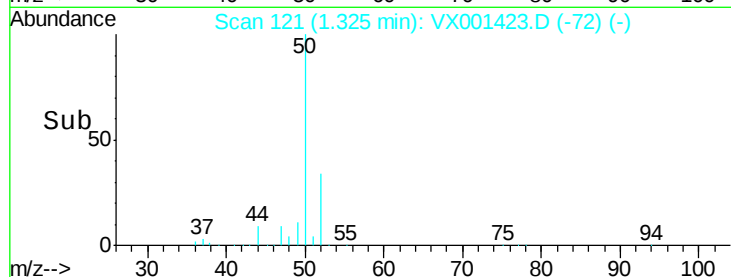
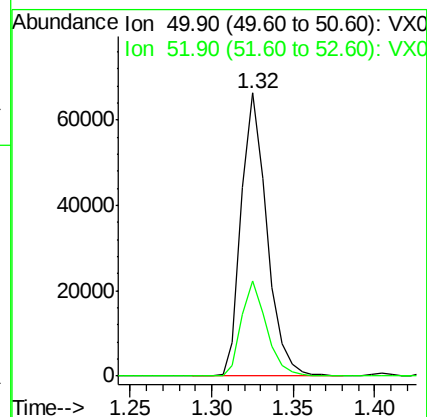
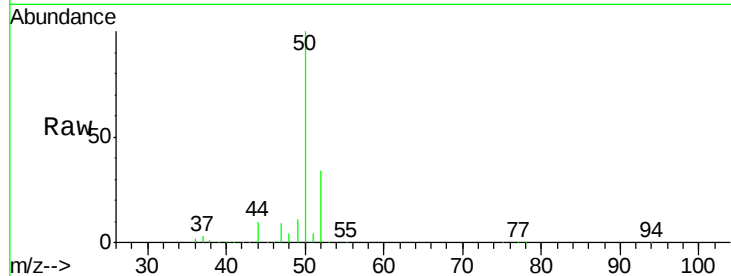
VX0505WBS01

Tgt Ion: 50 Resp: 72570

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.4



#4

Vinyl Chloride

Concen: 21.24 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001423.D

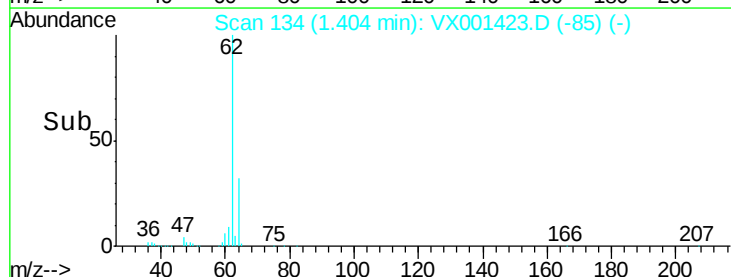
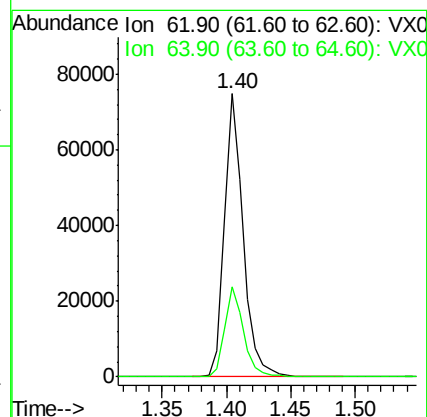
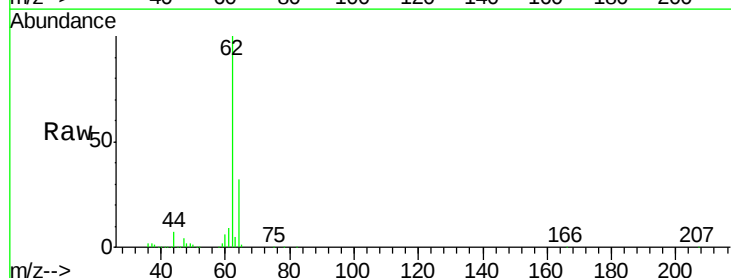
Acq: 05 May 2018 17:27

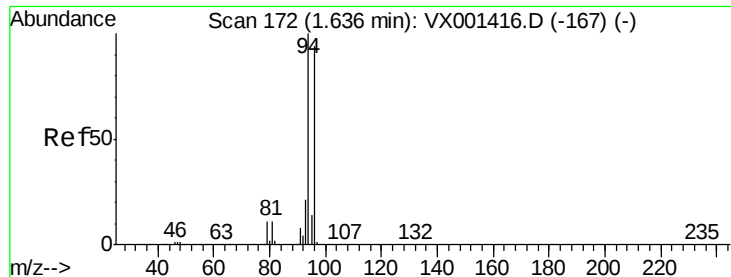
Tgt Ion: 62 Resp: 77195

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.6





#5

Bromomethane

Concen: 29.46 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

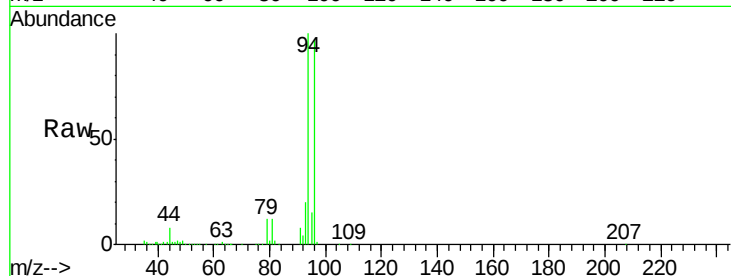
VX0505WBS01

Tgt Ion: 94 Resp: 51362

Ion Ratio Lower Upper

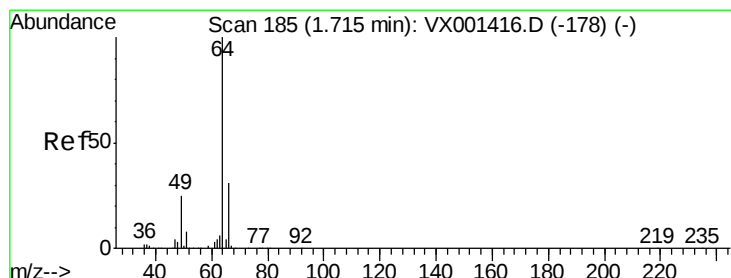
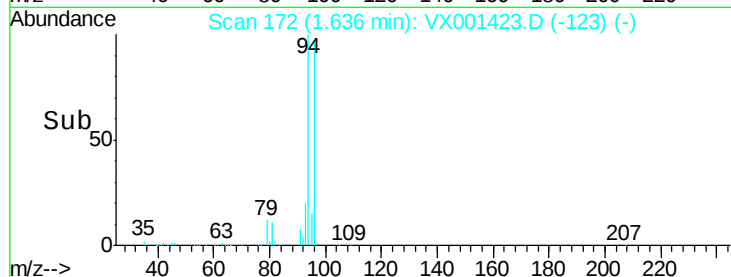
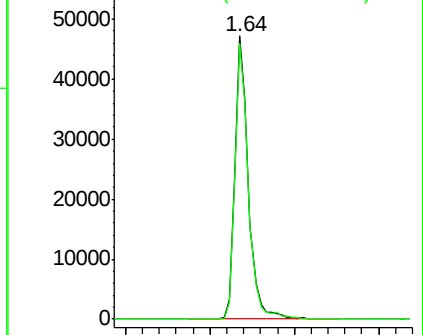
94 100

96 97.2 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: 20.98 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001423.D

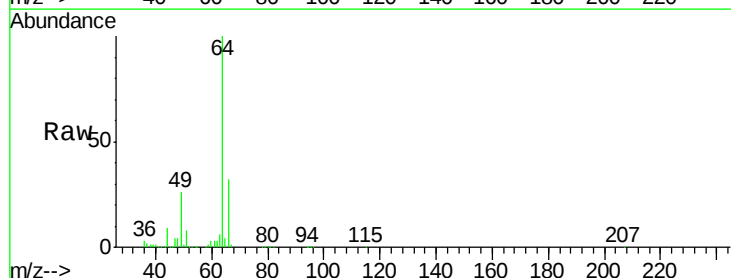
Acq: 05 May 2018 17:27

Tgt Ion: 64 Resp: 50404

Ion Ratio Lower Upper

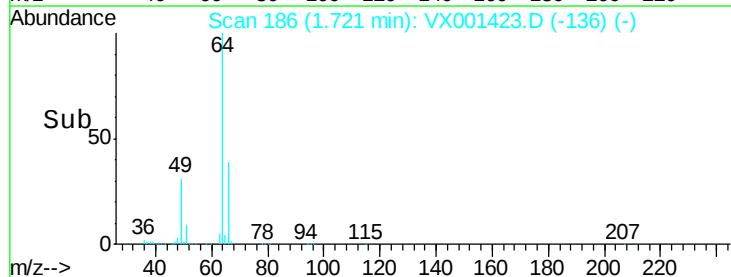
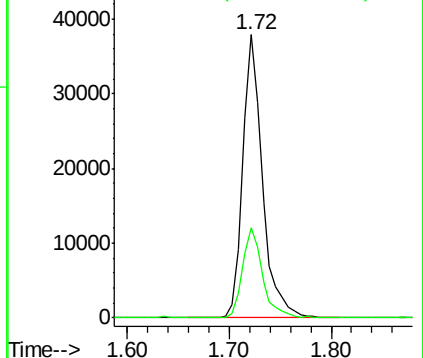
64 100

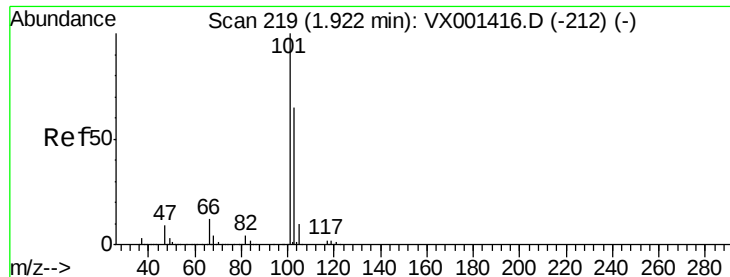
66 31.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



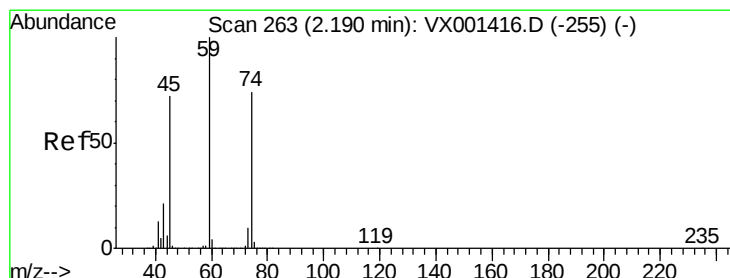
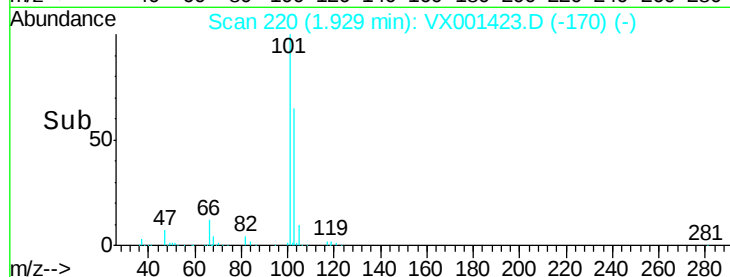
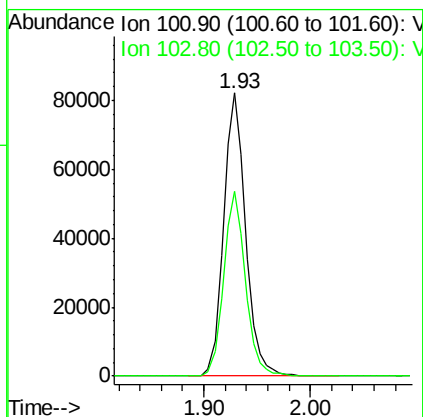
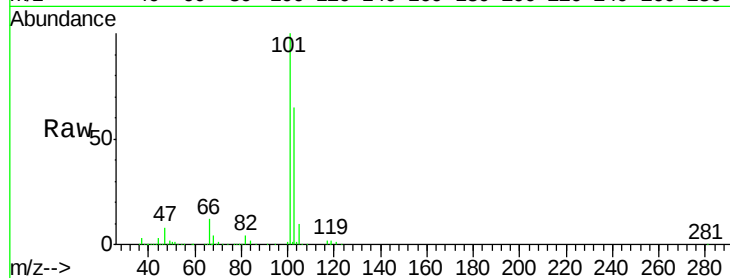


#7

Trichlorofluoromethane
 Concen: 21.69 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

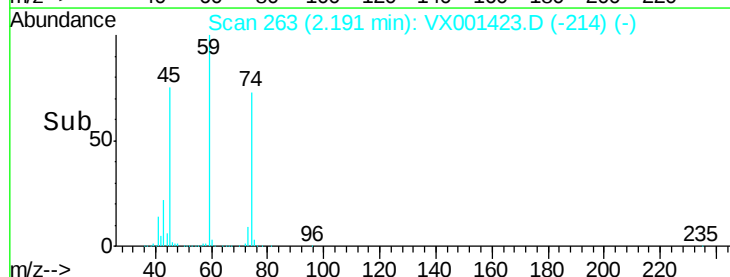
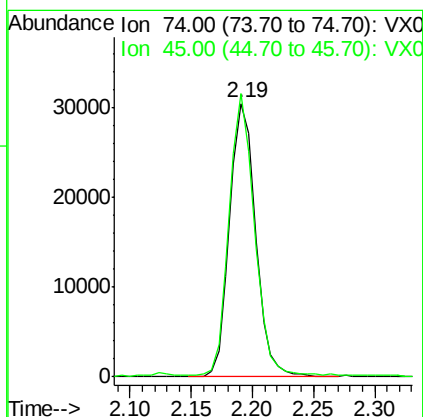
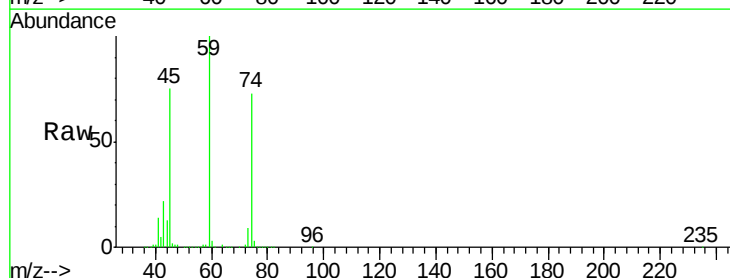
Tgt Ion:101 Resp: 118634
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.0 78.0

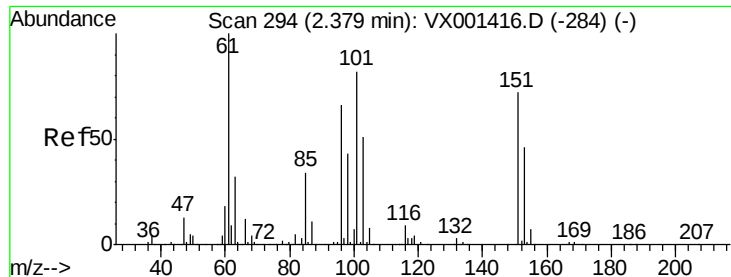


#8

Diethyl Ether
 Concen: 20.95 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion: 74 Resp: 44913
 Ion Ratio Lower Upper
 74 100
 45 99.0 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.97 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

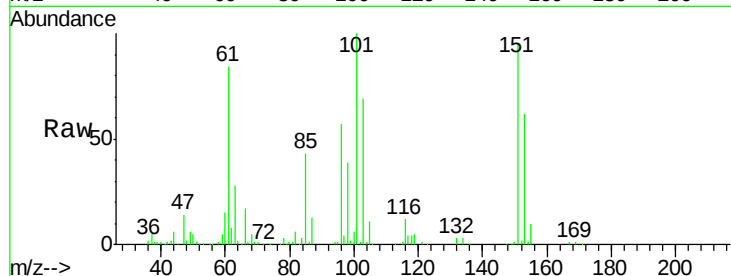
Tgt Ion:101 Resp: 67249

Ion Ratio Lower Upper

101 100

85 43.3 33.7 50.5

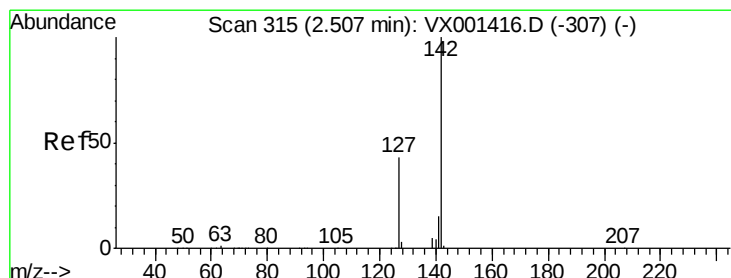
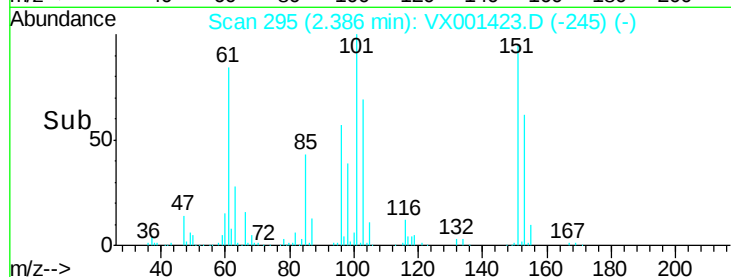
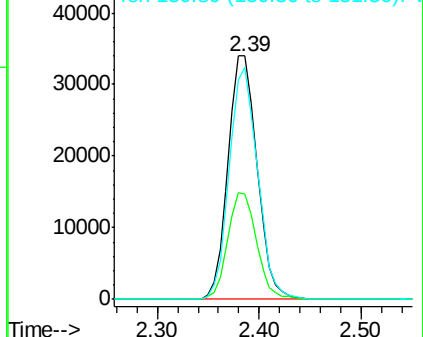
151 92.5 72.3 108.5



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: 18.07 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

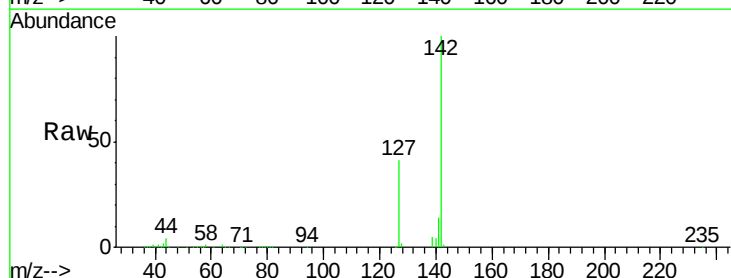
Tgt Ion:142 Resp: 83588

Ion Ratio Lower Upper

142 100

127 41.5 33.6 50.4

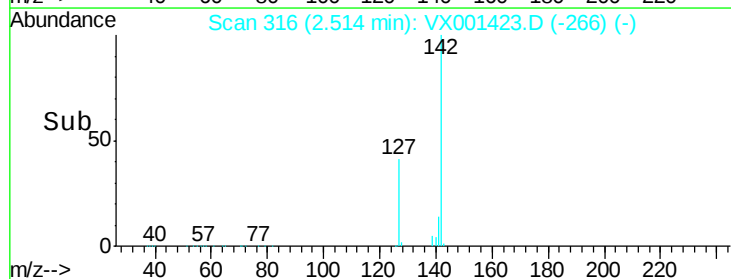
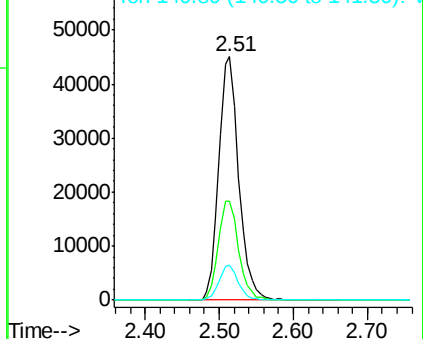
141 13.8 11.4 17.2

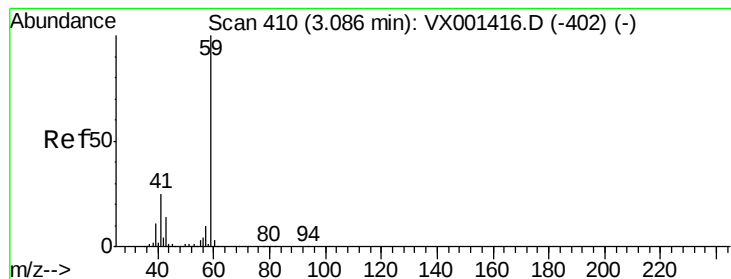


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



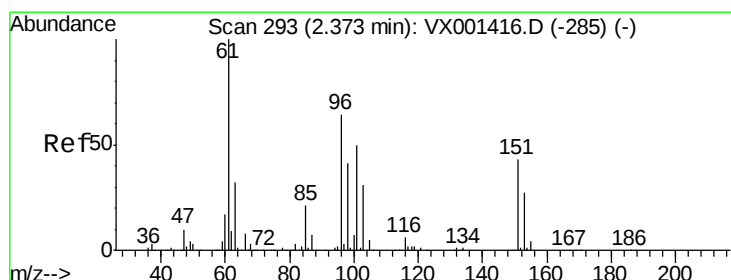
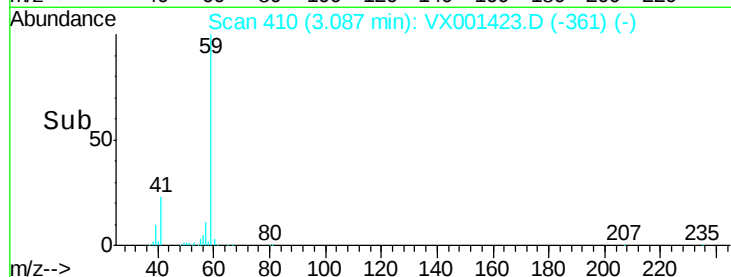
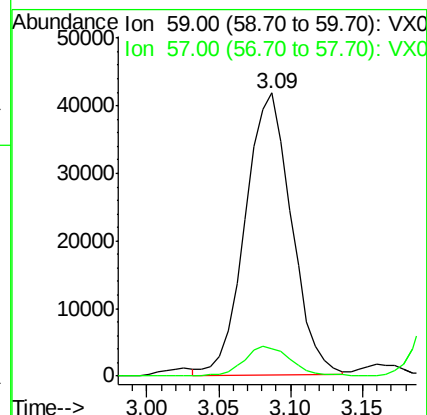
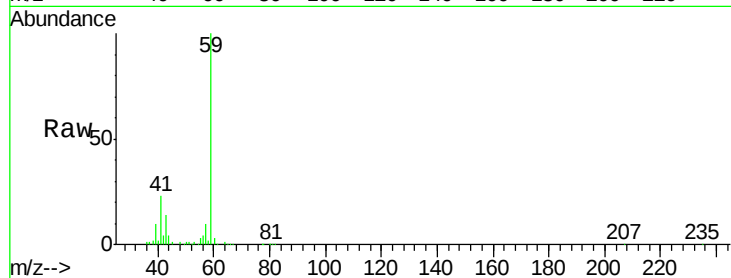


#11

Tert butyl alcohol
 Concen: 115.19 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

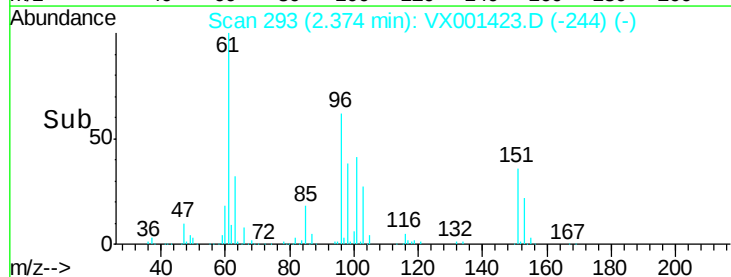
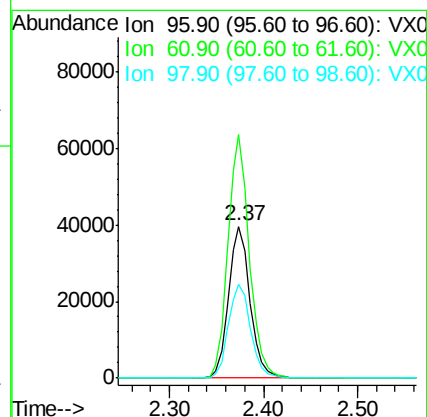
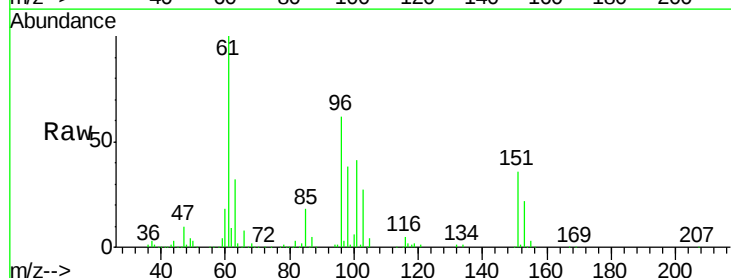
Tgt Ion: 59 Resp: 92719
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.4

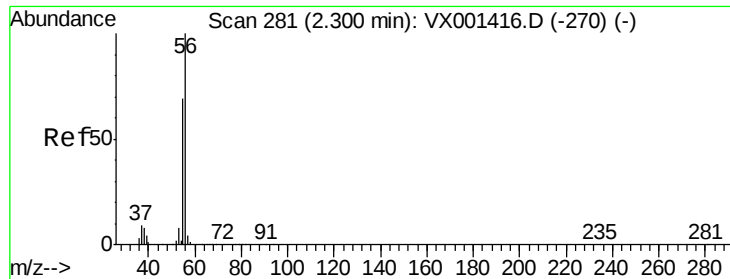


#12

1,1-Dichloroethene
 Concen: 21.32 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion: 96 Resp: 62650
 Ion Ratio Lower Upper
 96 100
 61 160.7 125.7 188.5
 98 61.8 52.0 78.0





#13

Acrolein

Concen: 106.38 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

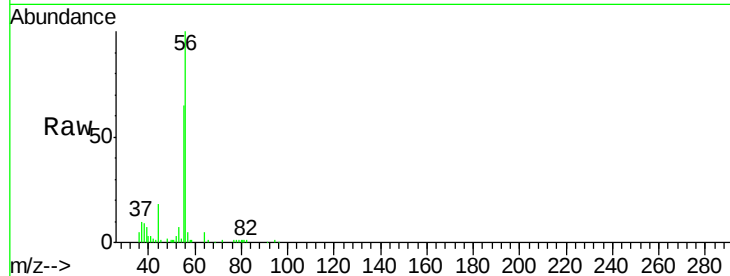
VX0505WBS01

Tgt Ion: 56 Resp: 17943

Ion Ratio Lower Upper

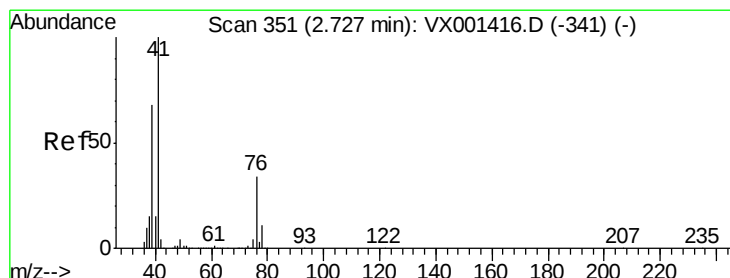
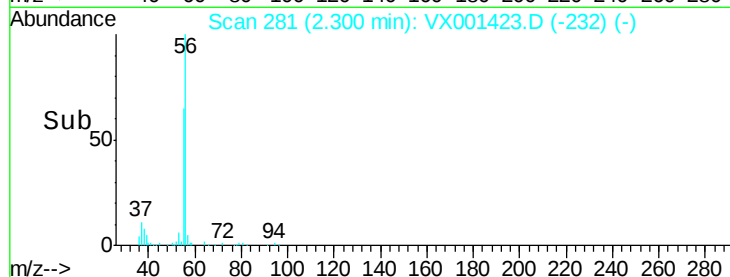
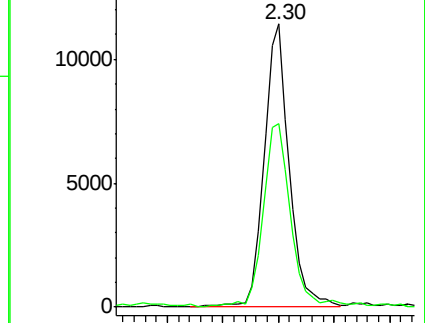
56 100

55 71.5 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.38 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

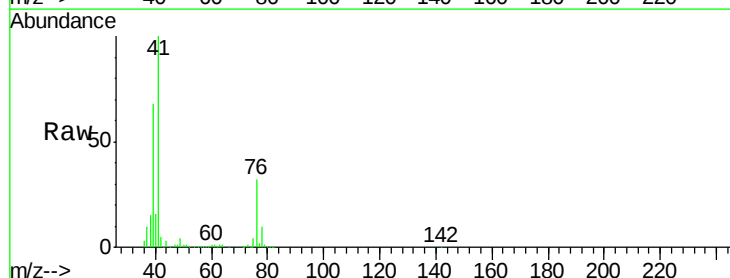
Tgt Ion: 41 Resp: 117189

Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

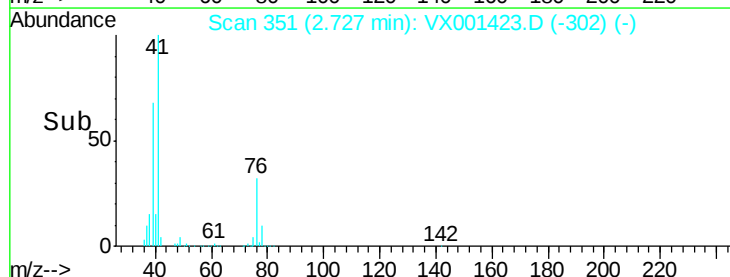
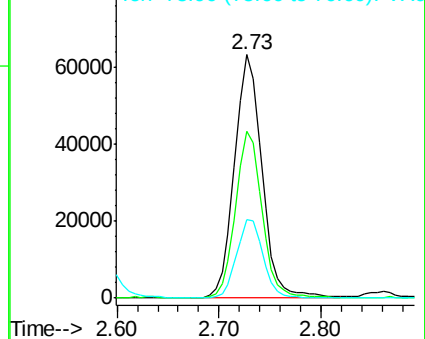
76 31.4 25.8 38.6

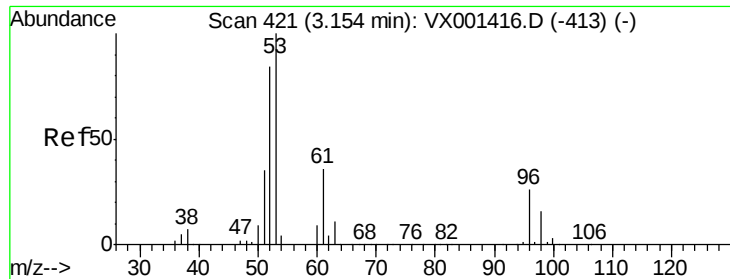


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 109.95 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

VX0505WBS01

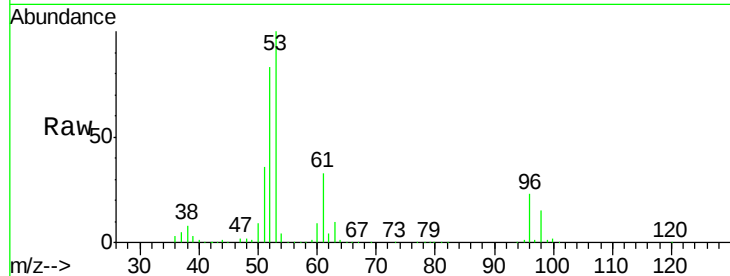
Tgt Ion: 53 Resp: 199985

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

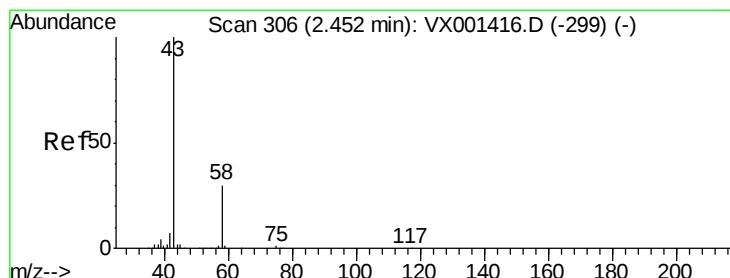
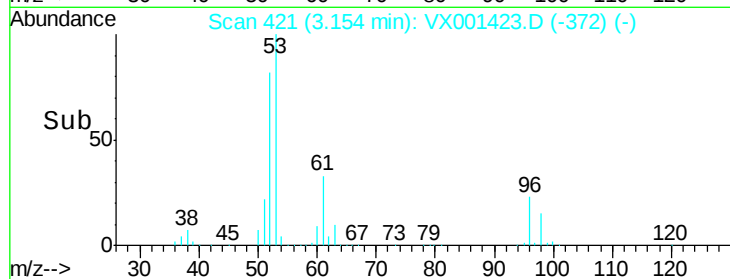
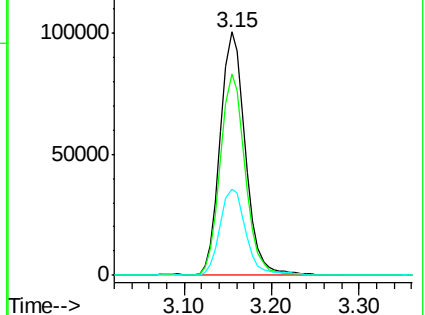
51 36.7 28.6 43.0



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: 115.39 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001423.D

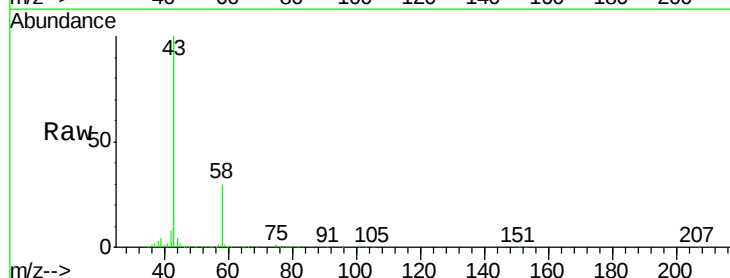
Acq: 05 May 2018 17:27

Tgt Ion: 43 Resp: 200028

Ion Ratio Lower Upper

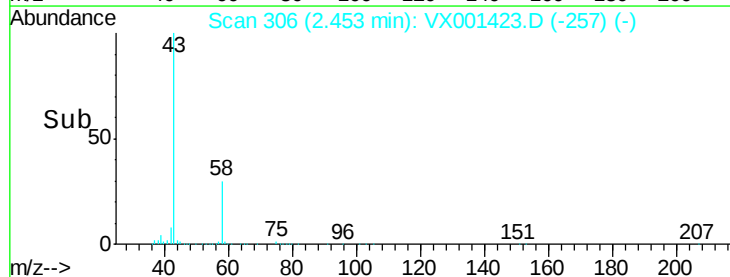
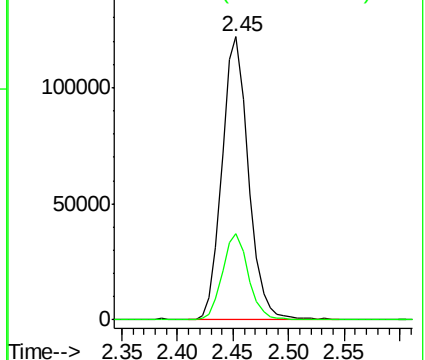
43 100

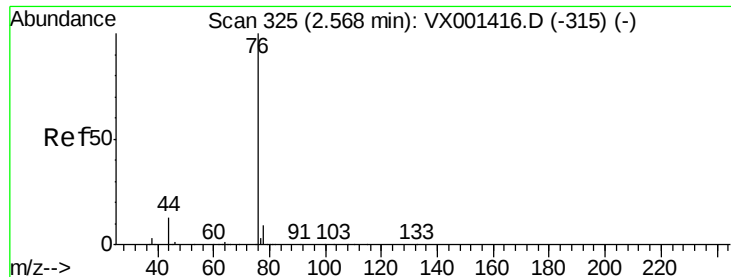
58 30.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

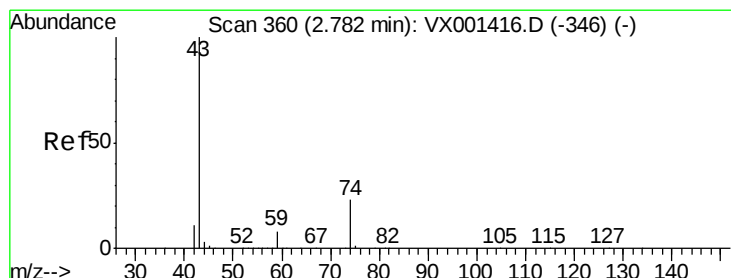
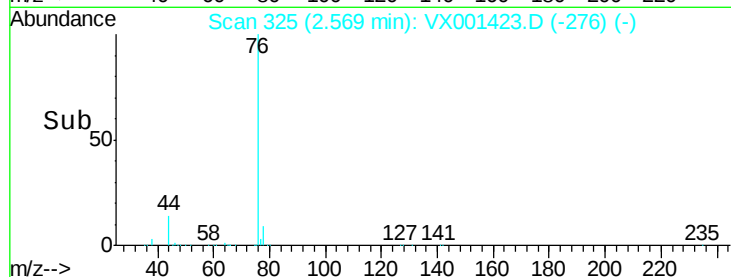
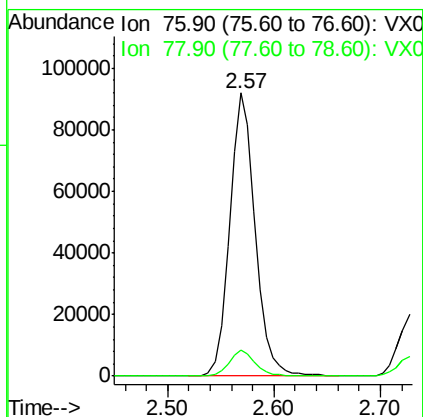
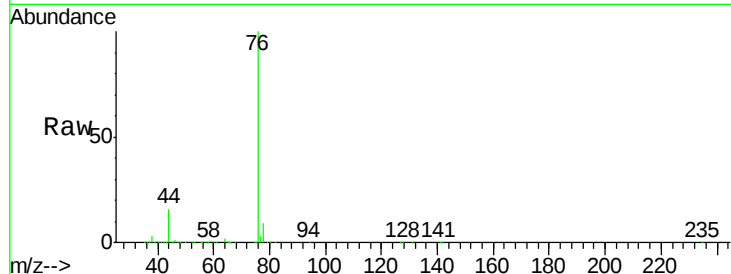




#17
Carbon Disulfide
Concen: 20.54 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

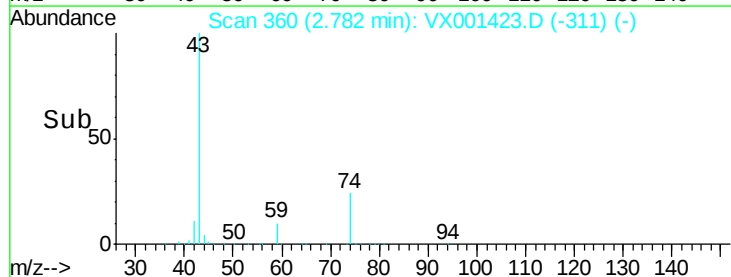
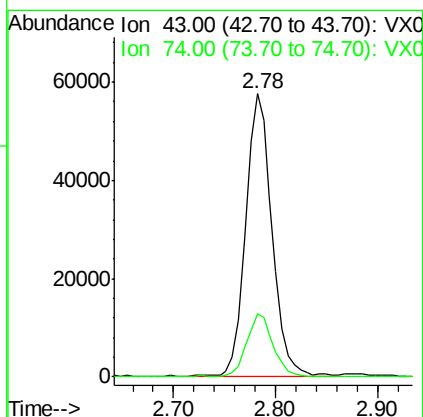
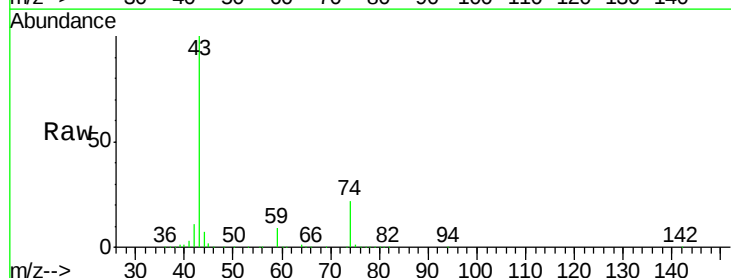
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

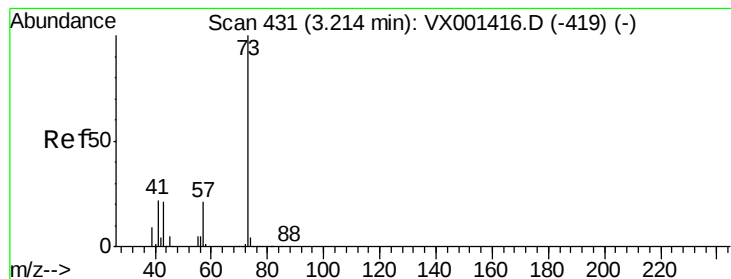
Tgt Ion: 76 Resp: 153630
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 22.49 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion: 43 Resp: 102419
Ion Ratio Lower Upper
43 100
74 22.6 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 21.53 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

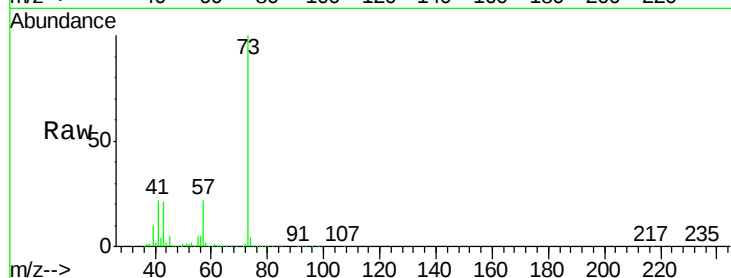
VX0505WBS01

Tgt Ion: 73 Resp: 220337

Ion Ratio Lower Upper

73 100

57 21.9 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

100000

80000

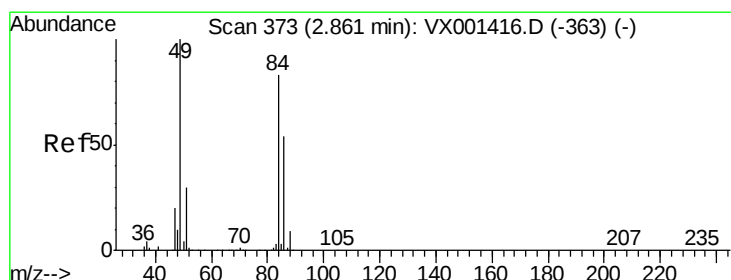
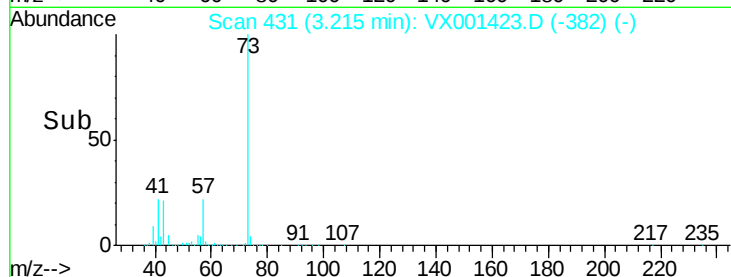
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 20.83 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion: 84 Resp: 71486

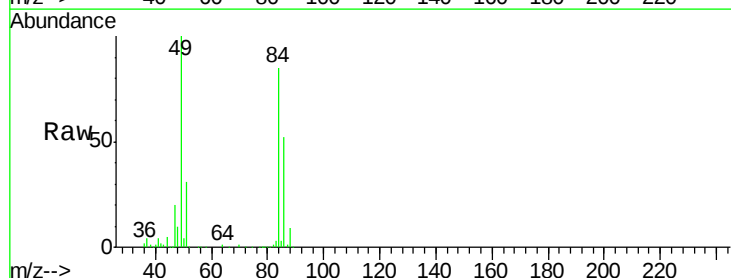
Ion Ratio Lower Upper

84 100

49 118.2 96.6 144.8

51 36.7 29.0 43.4

86 61.1 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

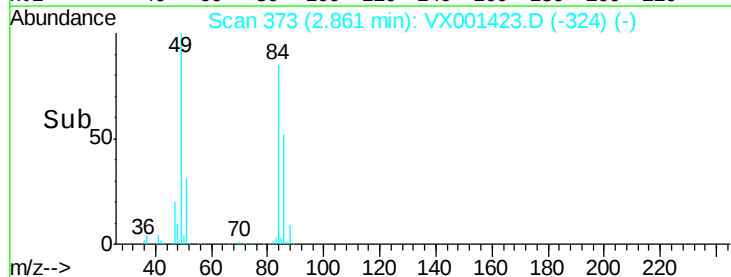
60000

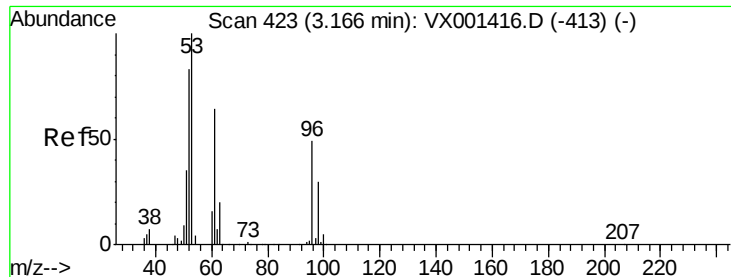
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 20.63 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

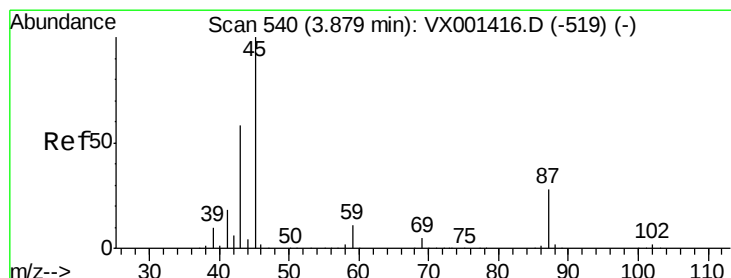
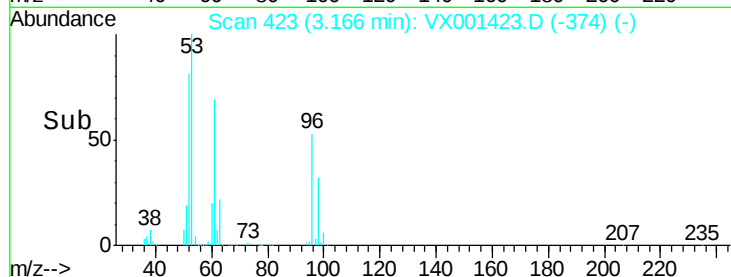
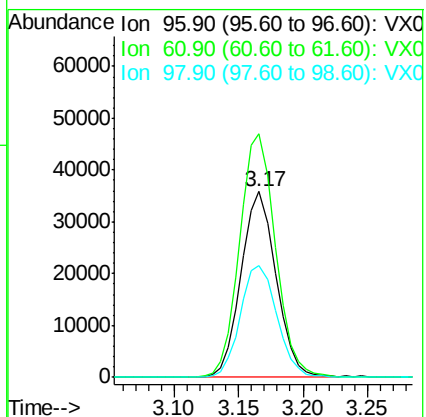
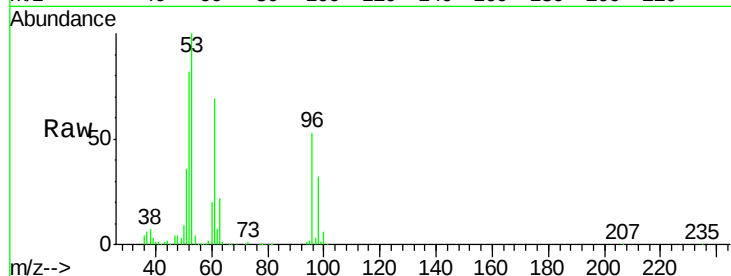
Tgt Ion: 96 Resp: 67655

Ion Ratio Lower Upper

96 100

61 131.1 105.0 157.4

98 60.6 49.9 74.9



#22

Diisopropyl ether

Concen: 20.16 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion: 45 Resp: 206415

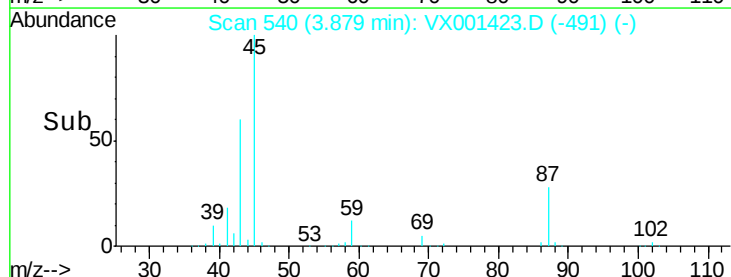
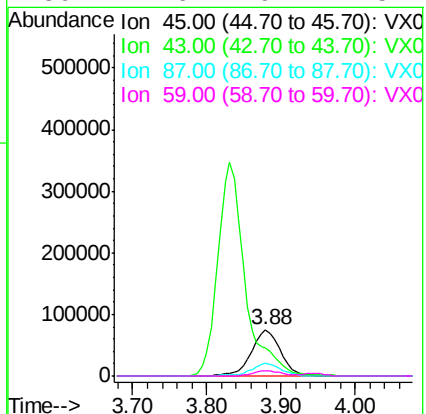
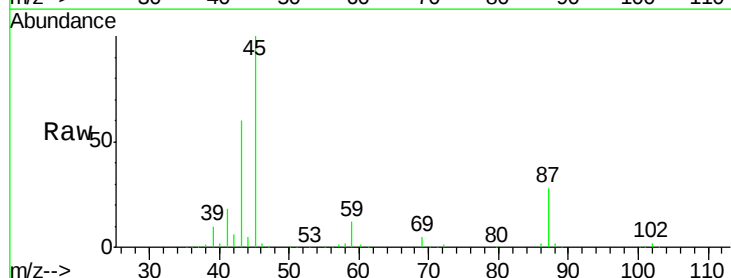
Ion Ratio Lower Upper

45 100

43 59.9 46.5 69.7

87 27.7 22.6 34.0

59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 104.21 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

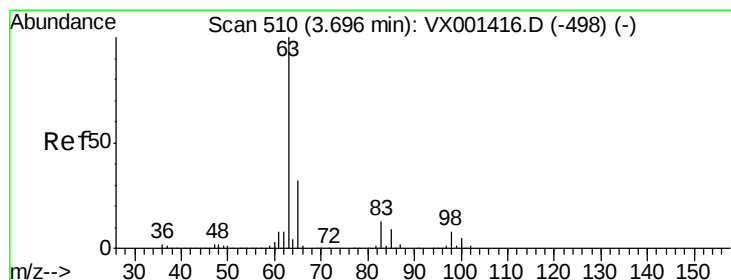
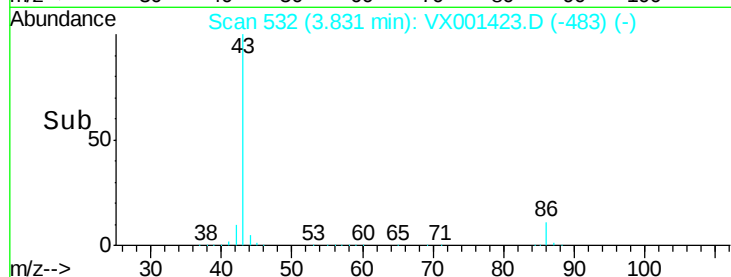
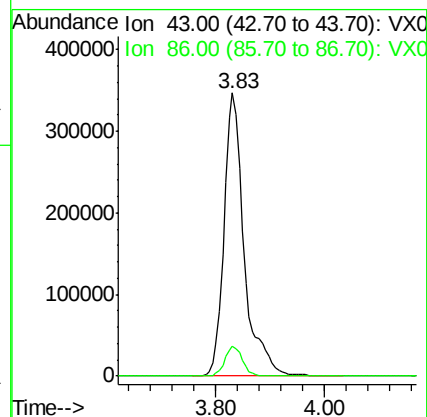
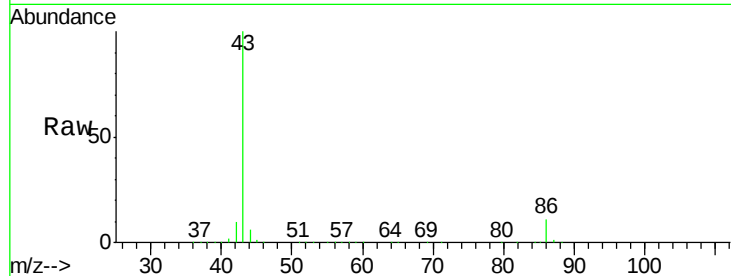
VX0505WBS01

Tgt Ion: 43 Resp: 889177

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.92 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

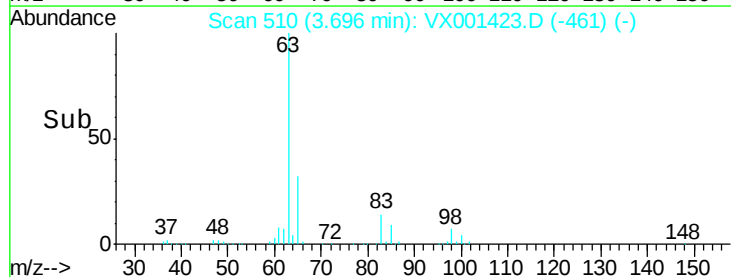
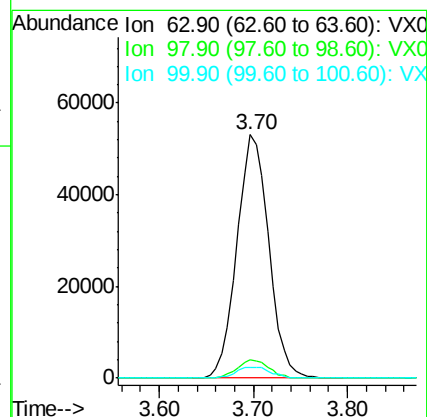
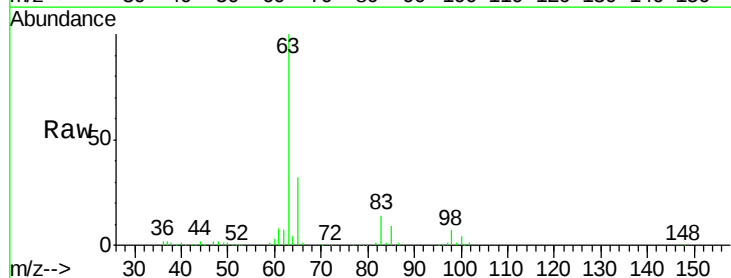
Tgt Ion: 63 Resp: 125376

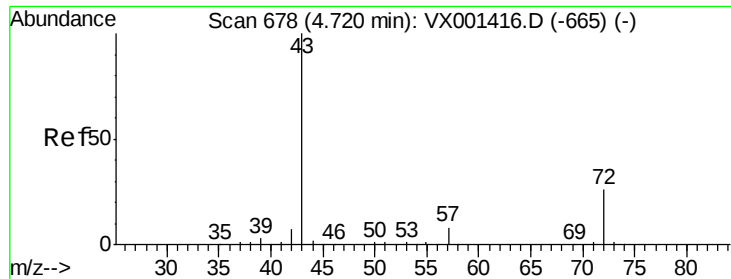
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 111.42 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

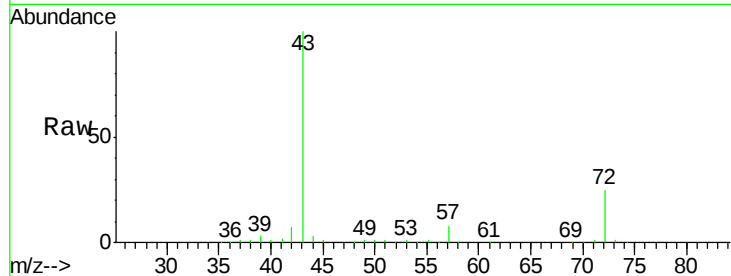
VX0505WBS01

Tgt Ion: 43 Resp: 279188

Ion Ratio Lower Upper

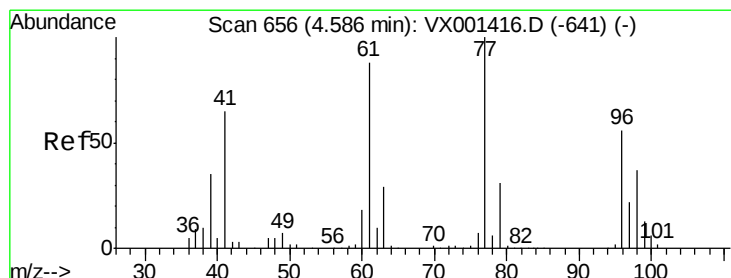
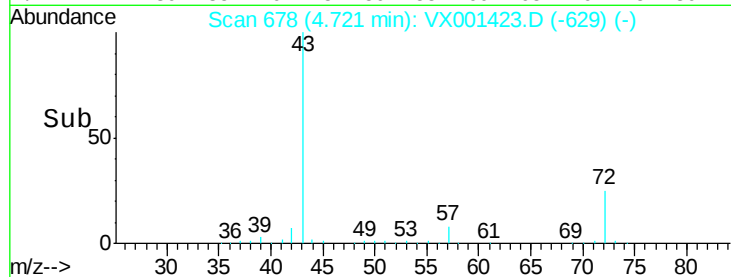
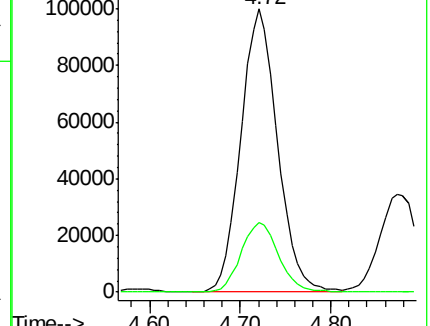
43 100

72 24.7 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.40 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001423.D

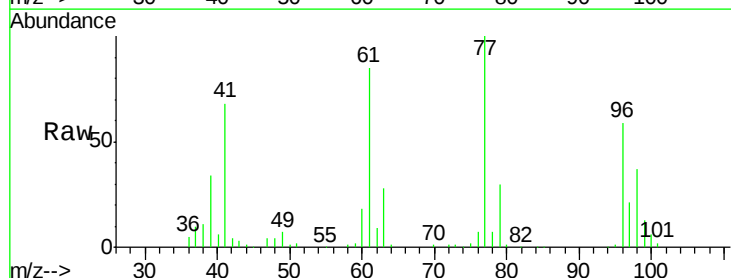
Acq: 05 May 2018 17:27

Tgt Ion: 77 Resp: 94529

Ion Ratio Lower Upper

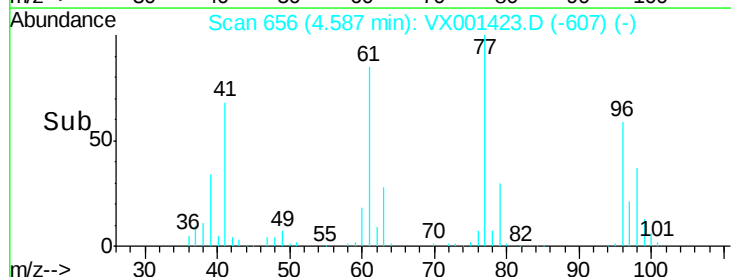
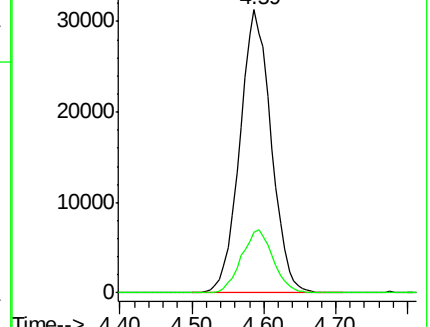
77 100

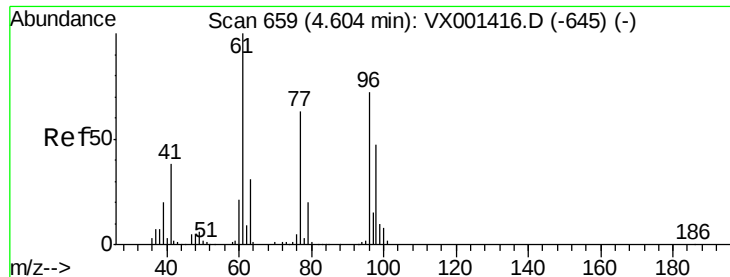
97 22.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 20.67 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

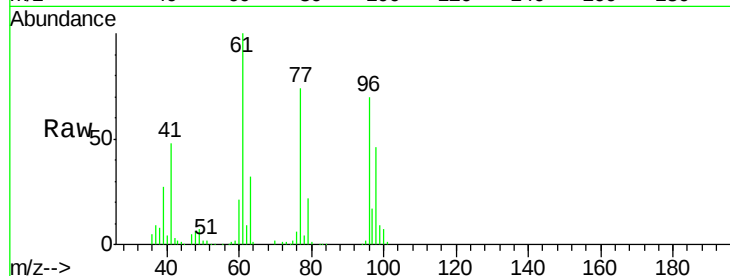
Tgt Ion: 96 Resp: 72191

Ion Ratio Lower Upper

96 100

61 154.2 0.0 301.6

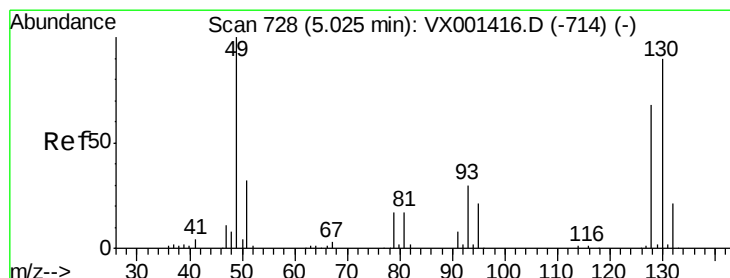
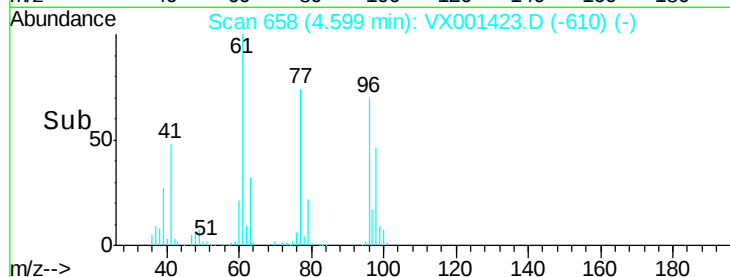
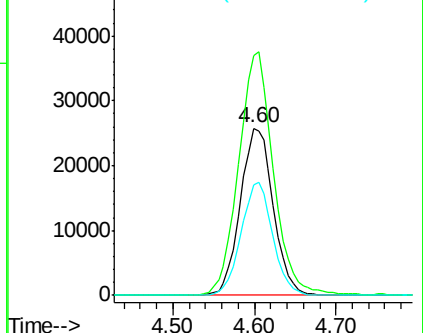
98 64.9 0.0 131.6



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: 20.69 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

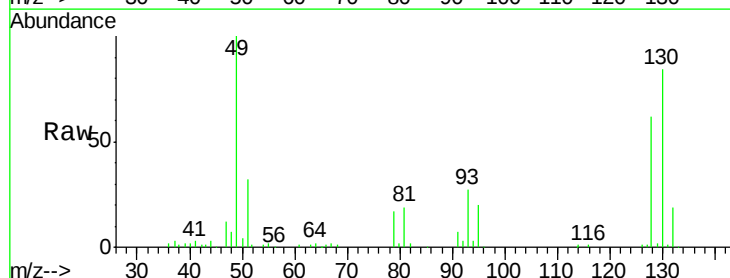
Tgt Ion: 49 Resp: 51294

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

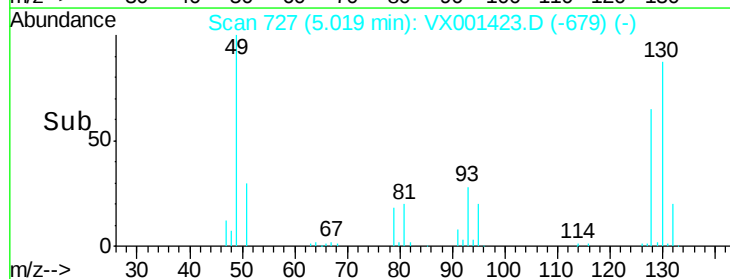
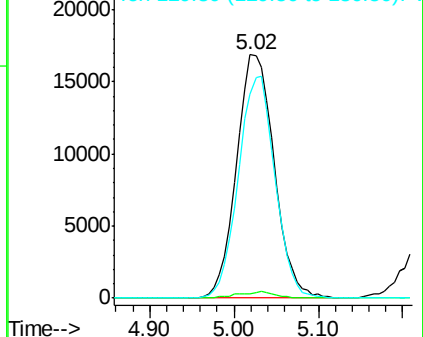
130 88.1 71.9 107.9

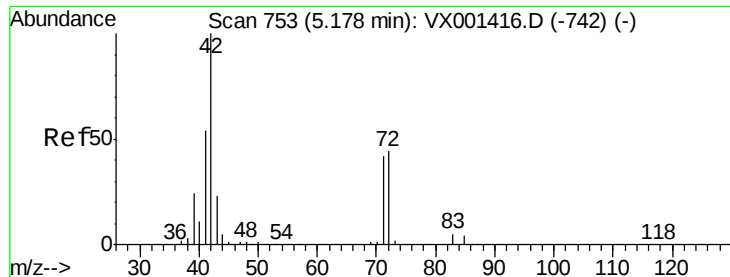


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 109.42 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

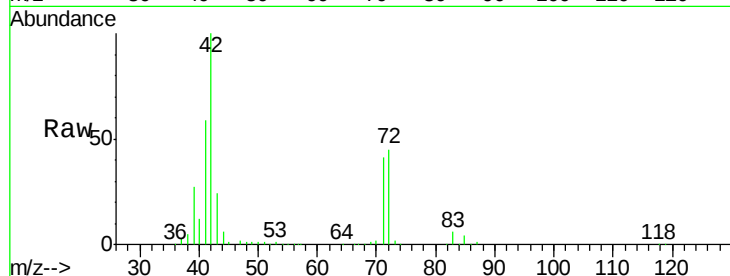
Tgt Ion: 42 Resp: 175422

Ion Ratio Lower Upper

42 100

72 44.5 35.4 53.2

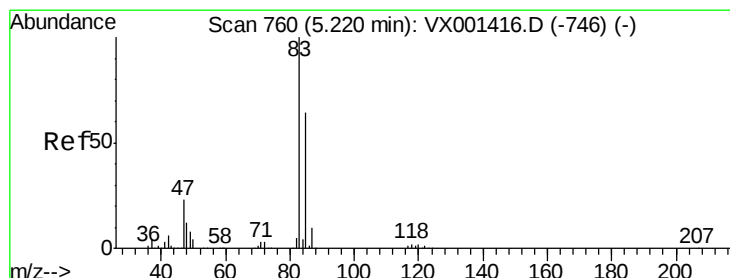
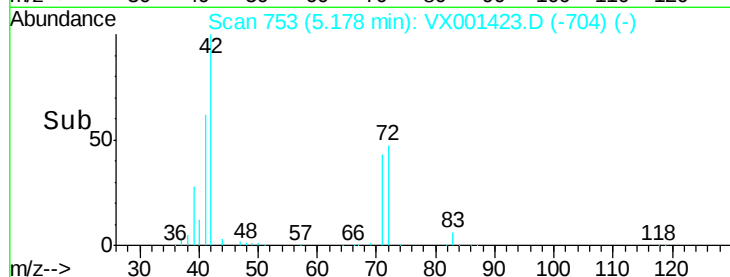
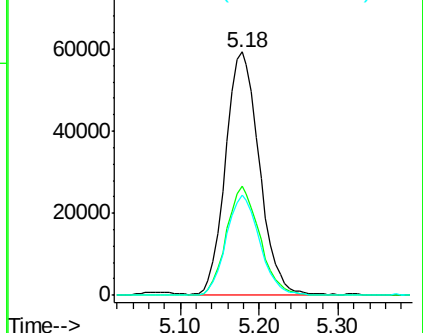
71 41.2 33.0 49.4



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: 21.11 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001423.D

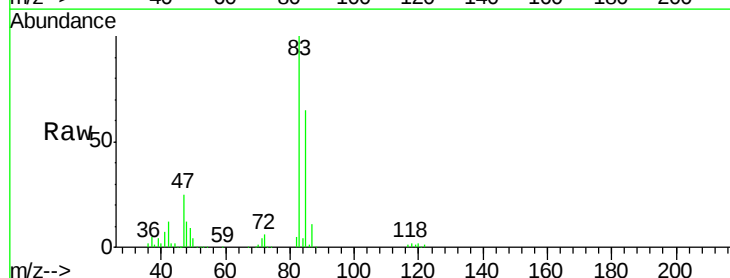
Acq: 05 May 2018 17:27

Tgt Ion: 83 Resp: 124374

Ion Ratio Lower Upper

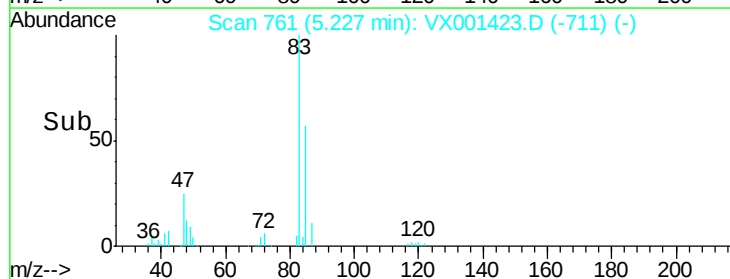
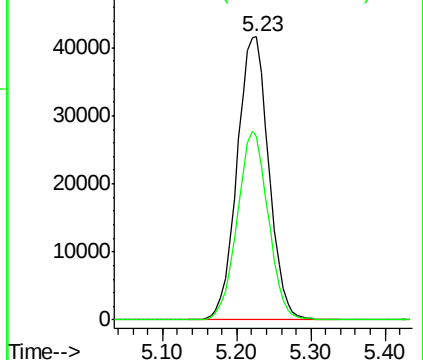
83 100

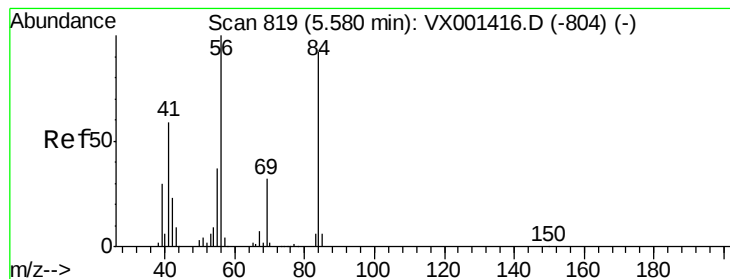
85 64.9 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.97 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

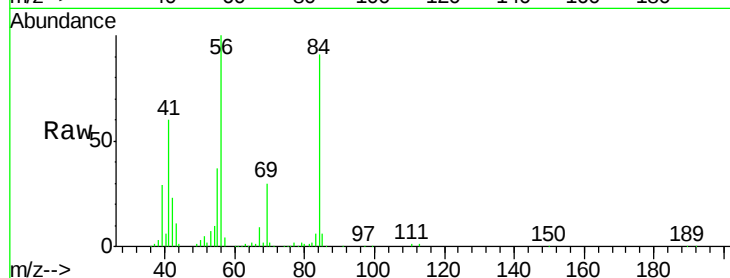
Tgt Ion: 56 Resp: 103012

Ion Ratio Lower Upper

56 100

69 30.2 25.4 38.0

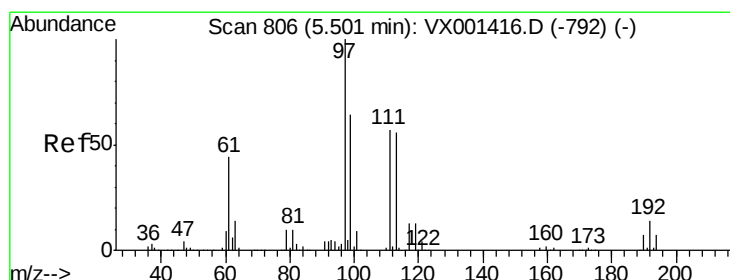
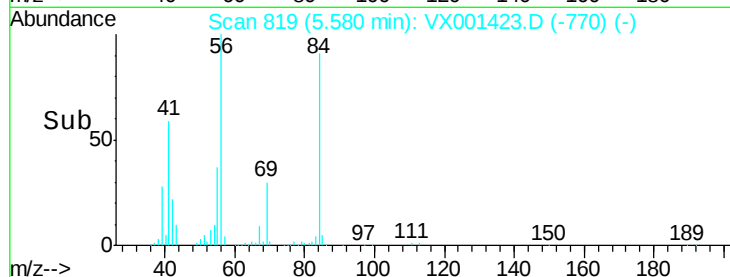
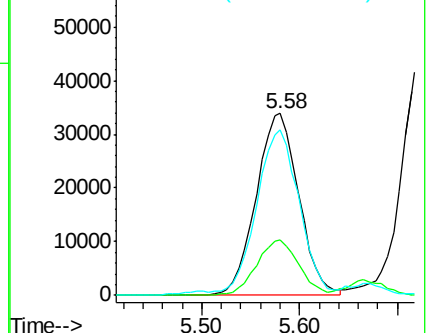
84 89.5 73.8 110.8



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: 21.17 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

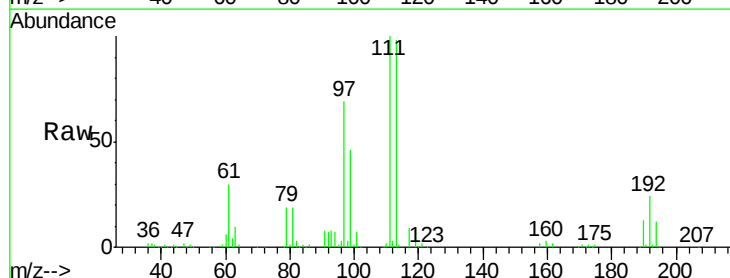
Tgt Ion: 97 Resp: 108984

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

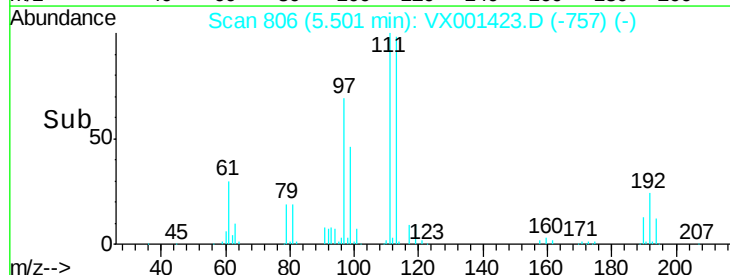
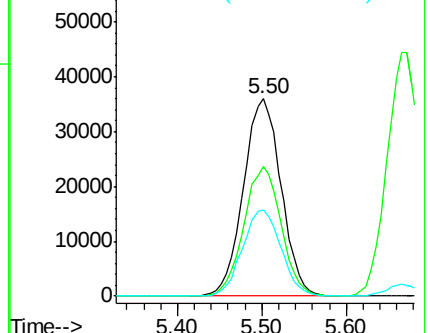
61 45.0 34.8 52.2

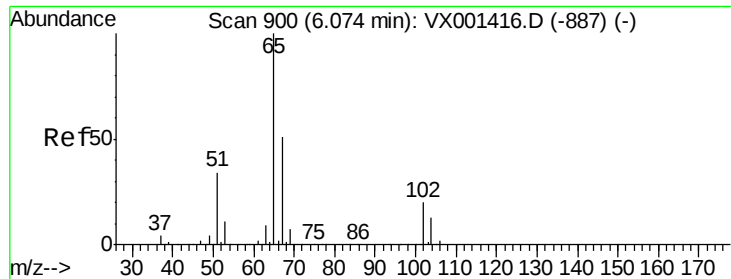


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.10 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

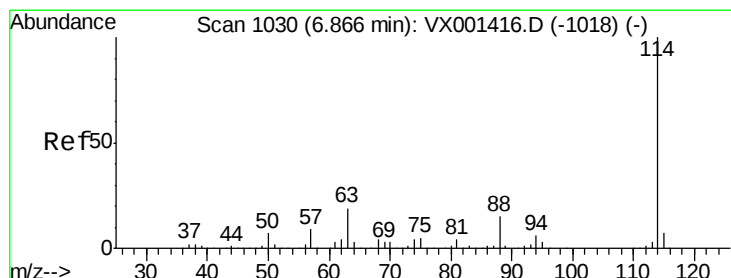
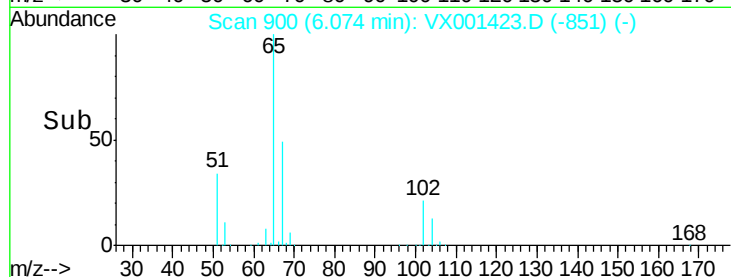
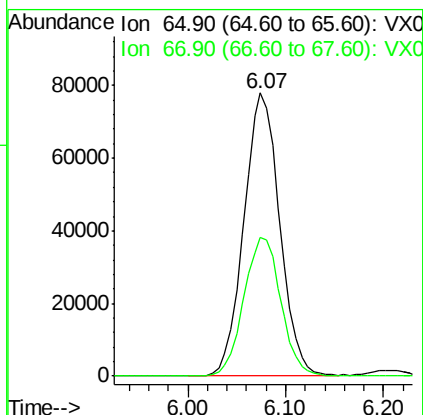
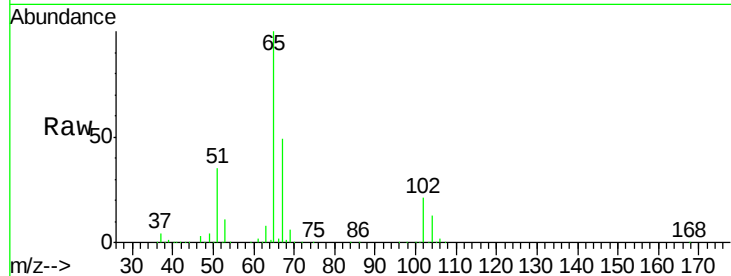
VX0505WBS01

Tgt Ion: 65 Resp: 198915

Ion Ratio Lower Upper

65 100

67 50.7 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: VX001423.D

Acq: 05 May 2018 17:27

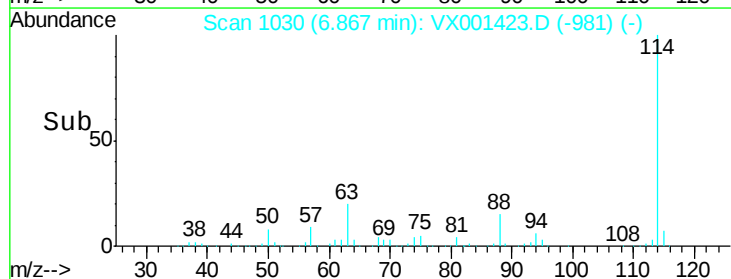
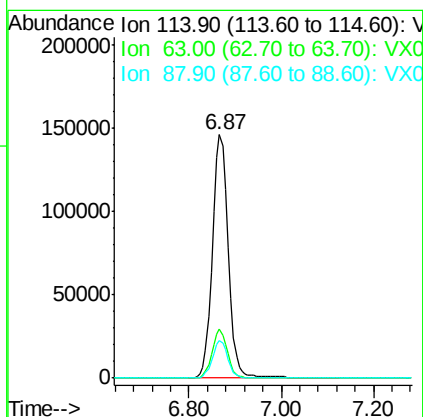
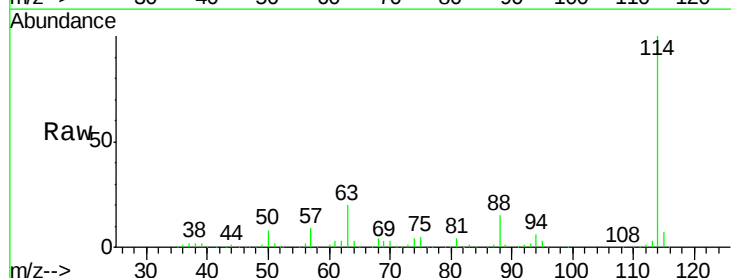
Tgt Ion: 114 Resp: 349607

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.36 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

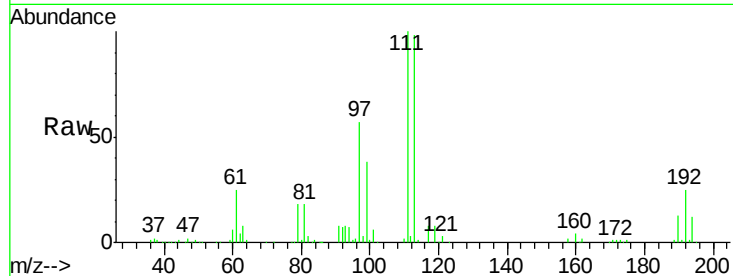
Tgt Ion:113 Resp: 159716

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

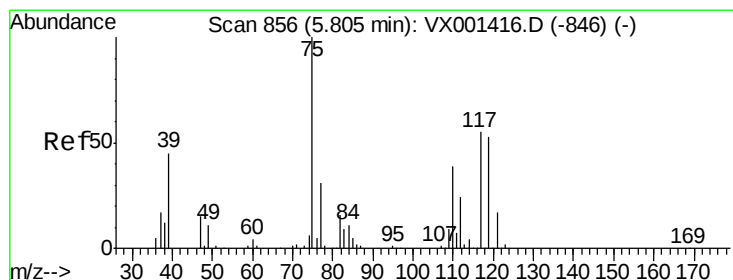
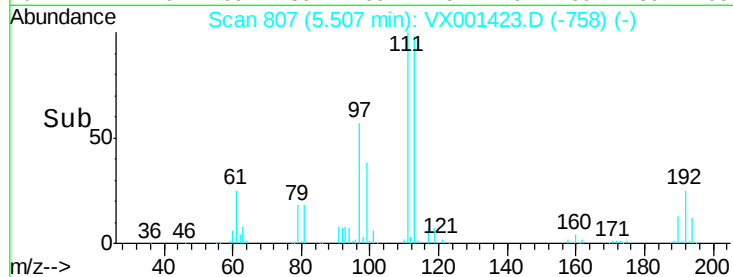
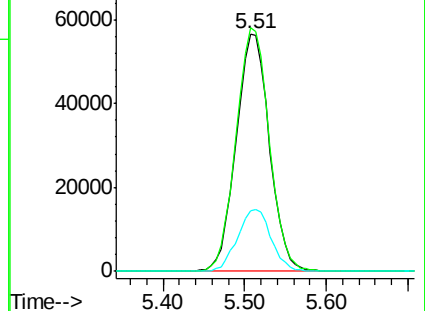
192 26.3 21.4 32.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.61 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

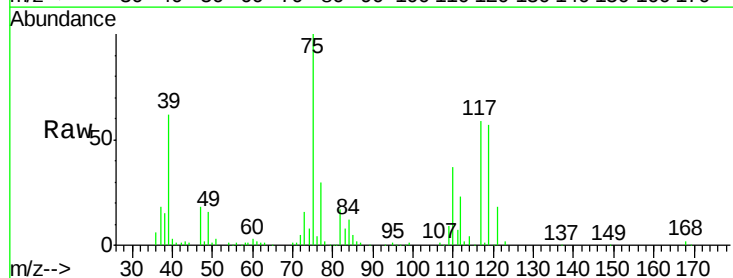
Tgt Ion: 75 Resp: 91660

Ion Ratio Lower Upper

75 100

110 37.1 18.9 56.7

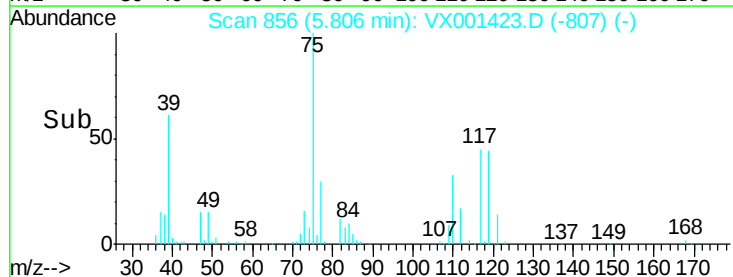
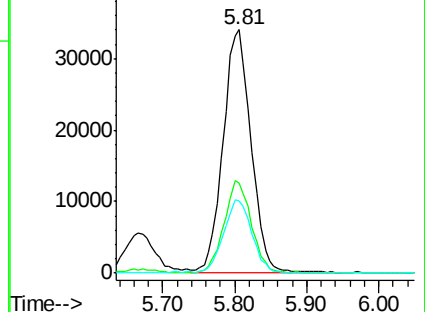
77 30.4 24.9 37.3

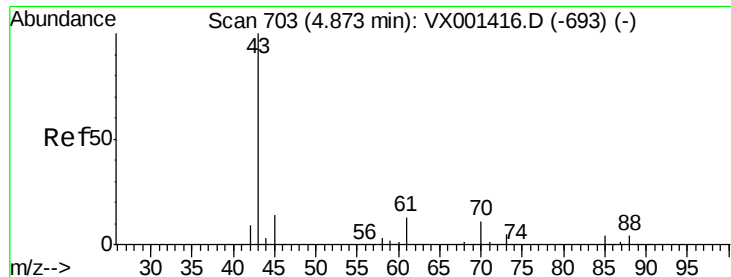


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.30 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

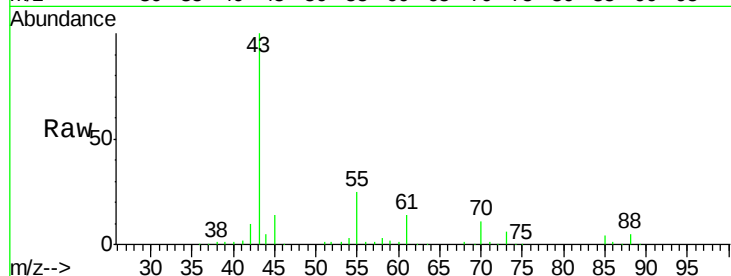
Tgt Ion: 43 Resp: 103813

Ion Ratio Lower Upper

43 100

61 13.2 10.7 16.1

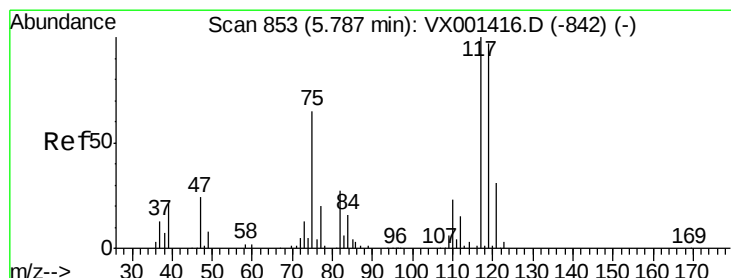
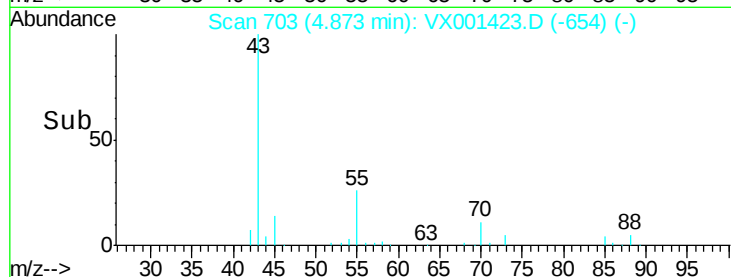
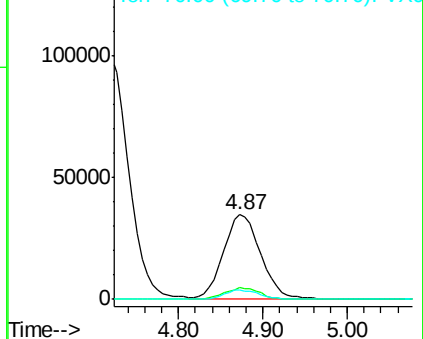
70 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.59 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

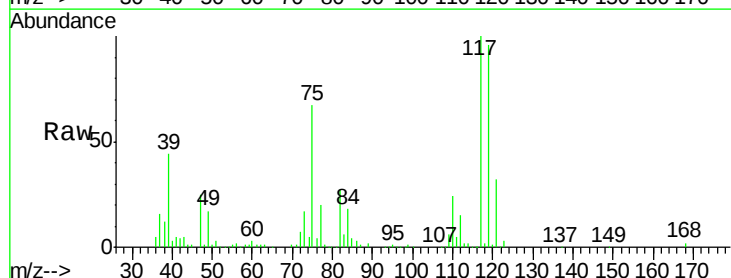
Tgt Ion: 117 Resp: 97676

Ion Ratio Lower Upper

117 100

119 95.8 77.0 115.6

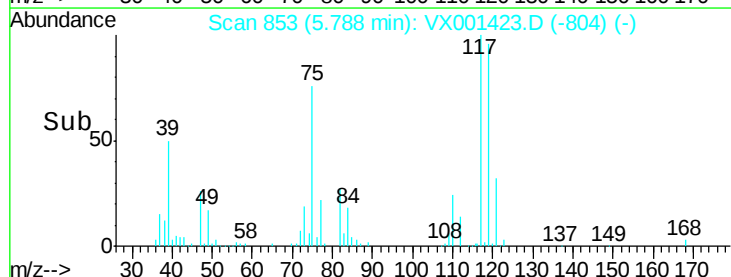
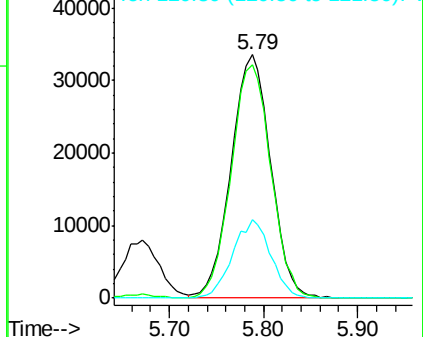
121 32.5 25.1 37.7

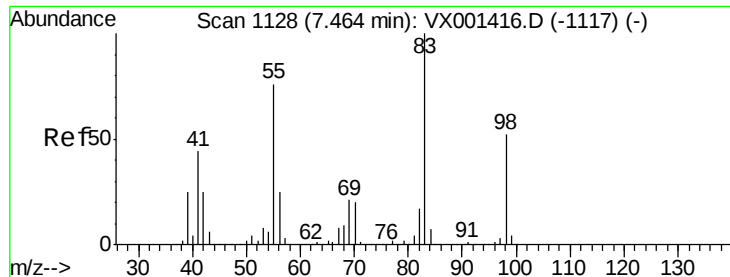


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

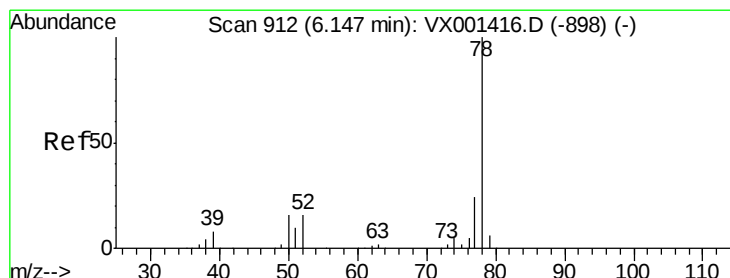
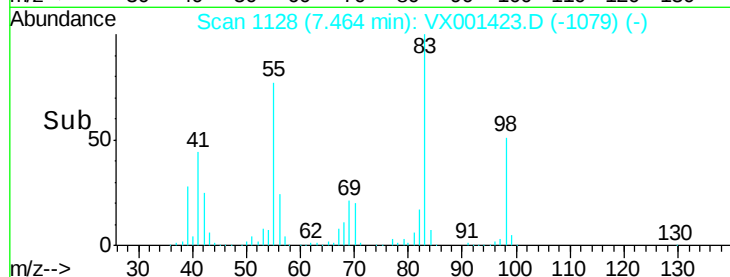
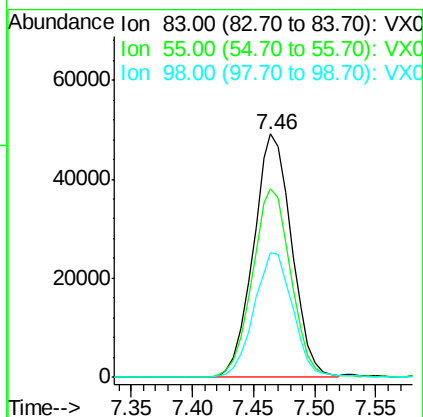
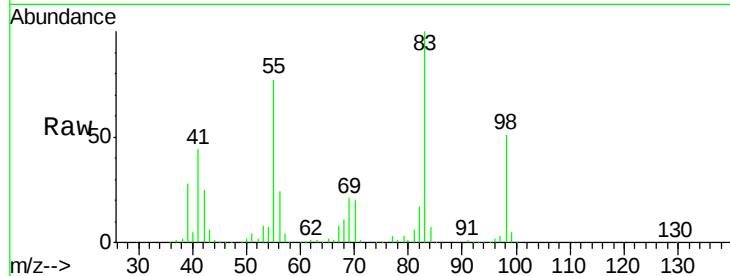




#39
Methylcyclohexane
Concen: 20.36 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

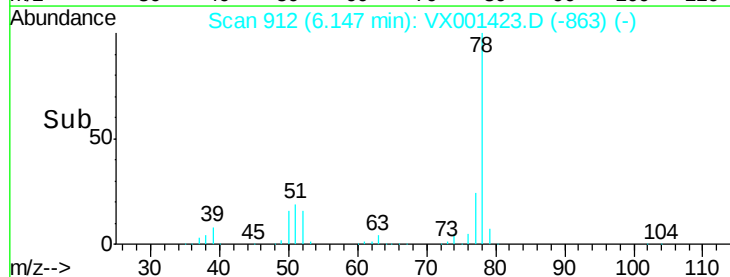
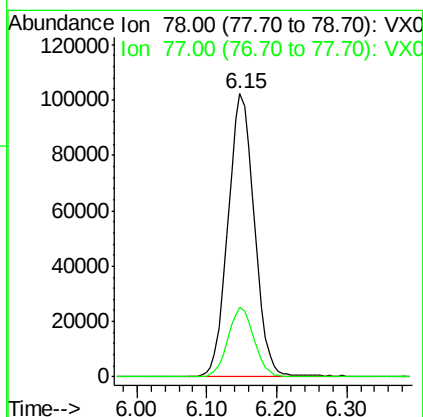
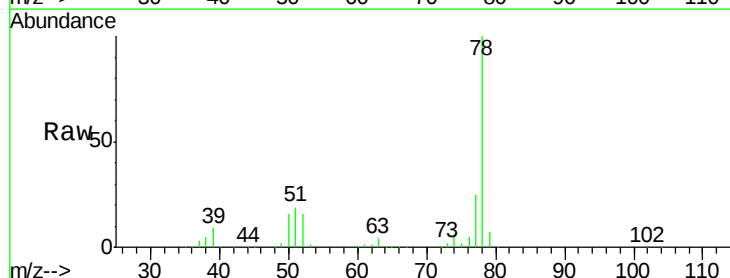
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

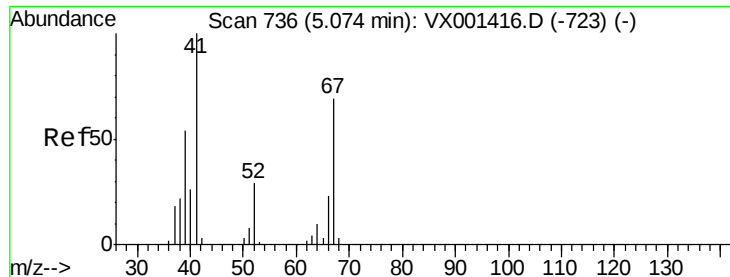
Tgt Ion: 83 Resp: 107048
Ion Ratio Lower Upper
83 100
55 77.5 60.9 91.3
98 51.2 41.9 62.9



#40
Benzene
Concen: 20.69 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion: 78 Resp: 268773
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.2

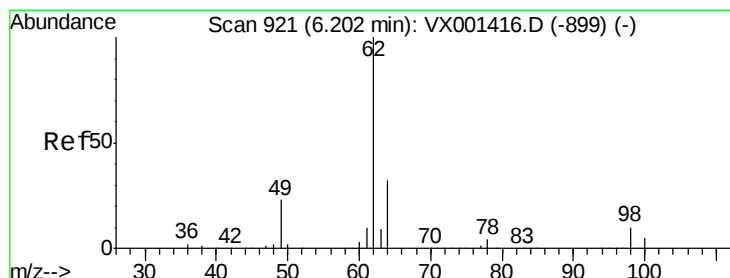
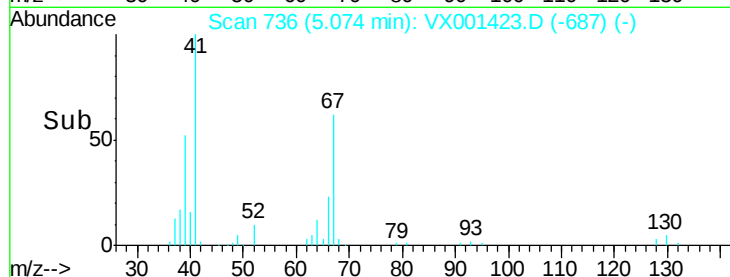
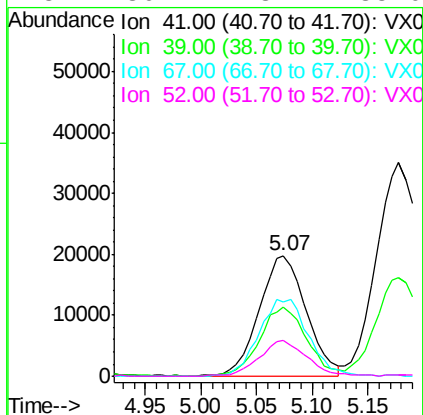
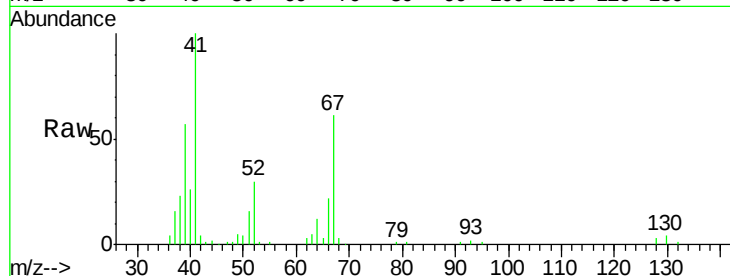




#41
Methacrylonitrile
Concen: 20.83 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

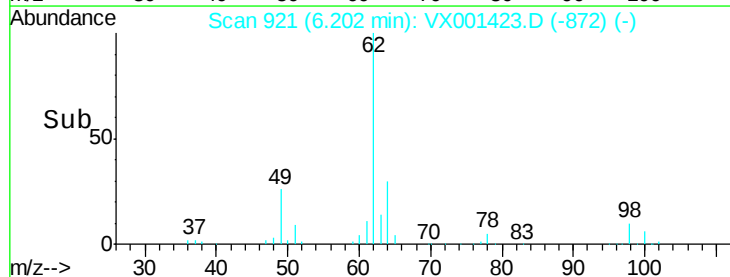
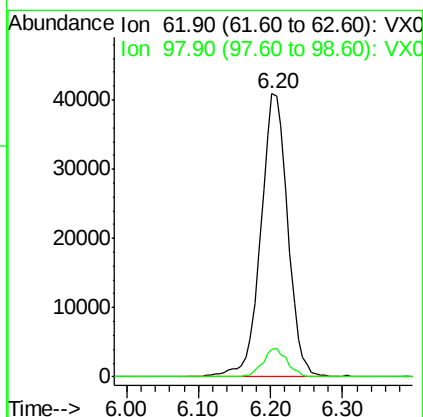
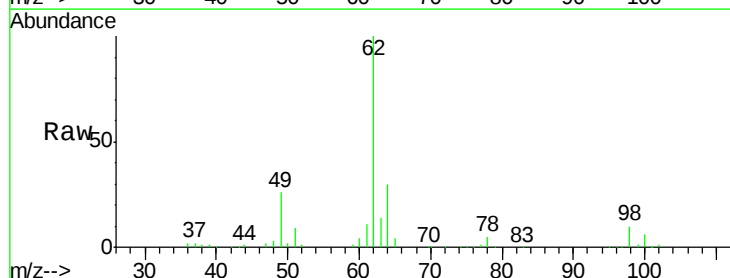
Instrument :
MSVOA_X
ClientSampled :
VX0505WBS01

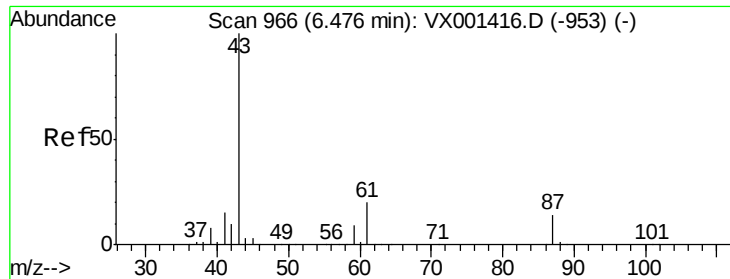
Tgt Ion:	41	Resp:	58099
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.0	67.6
67	67.4	55.0	82.6
52	30.4	23.4	35.0



#42
1,2-Dichloroethane
Concen: 21.17 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion:	62	Resp:	105691
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0

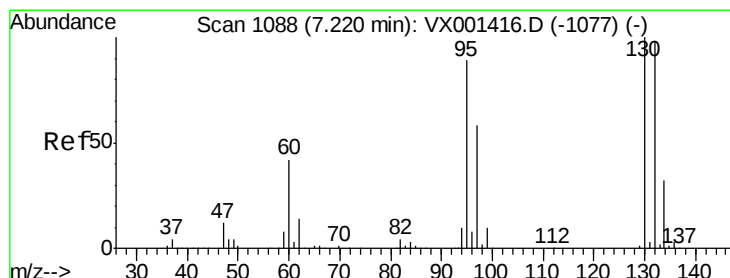
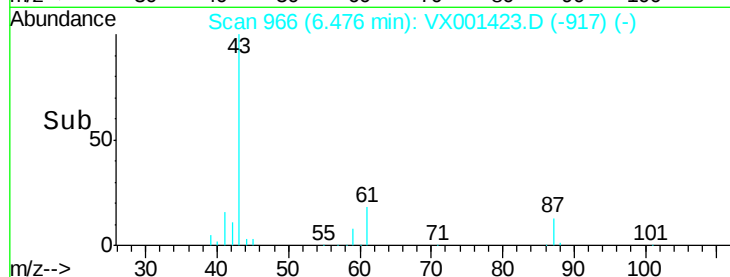
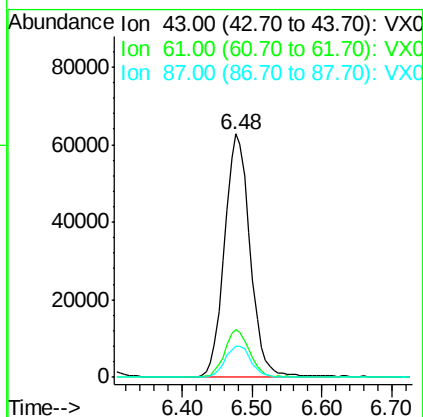
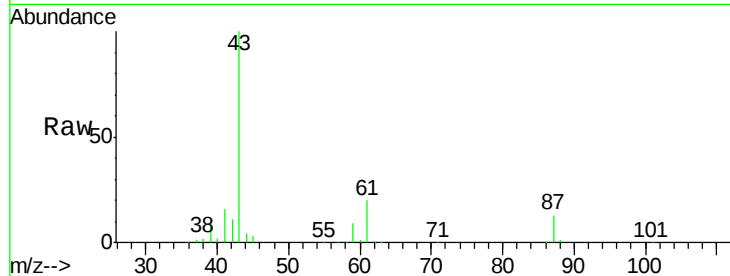




#43
Isopropyl Acetate
Concen: 21.25 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

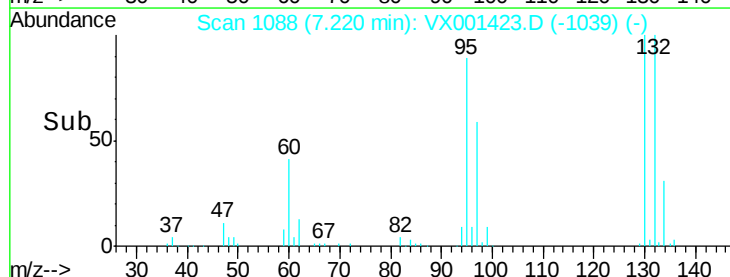
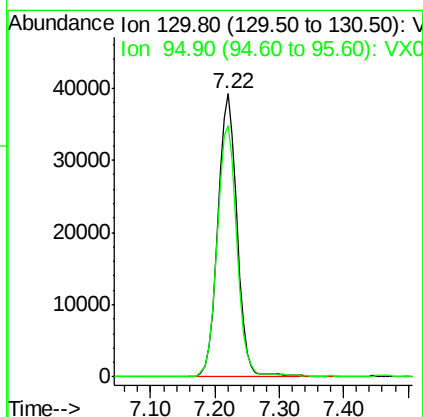
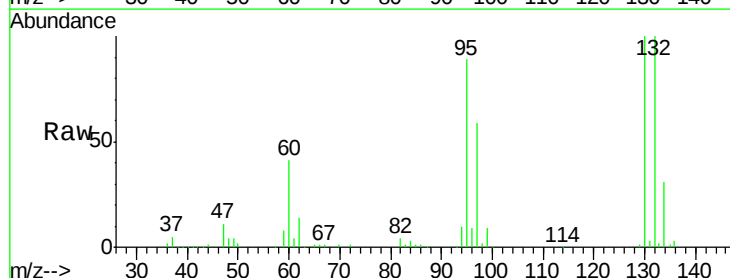
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

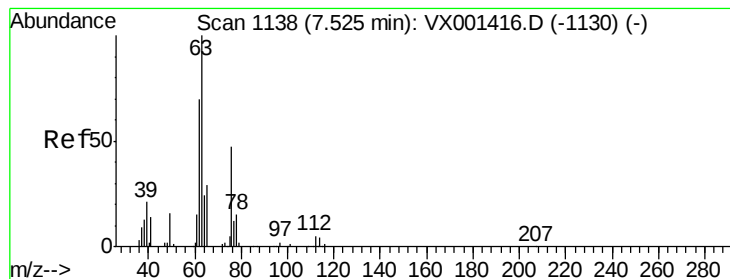
Tgt Ion: 43 Resp: 159004
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.6 10.8 16.2



#44
Trichloroethene
Concen: 21.01 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion: 130 Resp: 83409
Ion Ratio Lower Upper
130 100
95 88.8 0.0 178.4





#45

1,2-Dichloropropane

Concen: 20.91 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

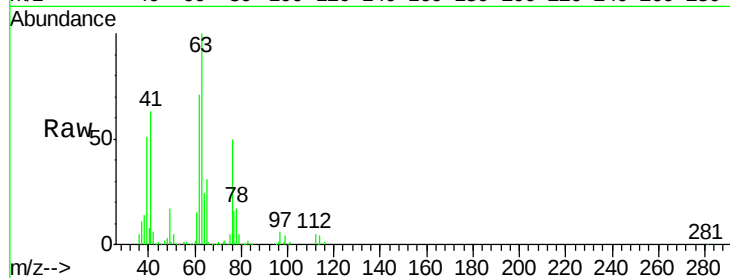
VX0505WBS01

Tgt Ion: 63 Resp: 67702

Ion Ratio Lower Upper

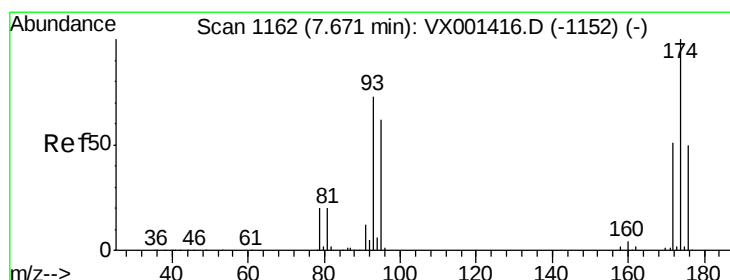
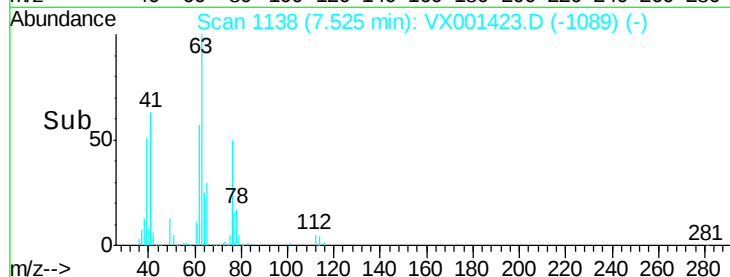
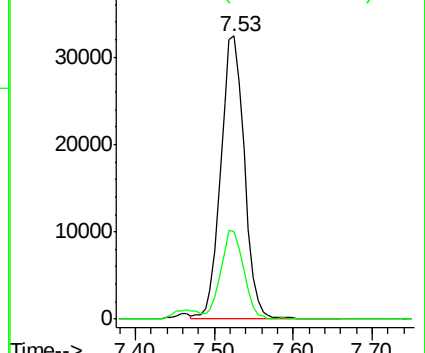
63 100

65 30.7 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.95 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

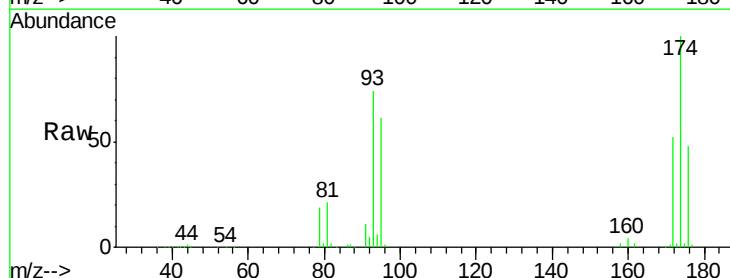
Tgt Ion: 93 Resp: 48032

Ion Ratio Lower Upper

93 100

95 81.4 67.0 100.4

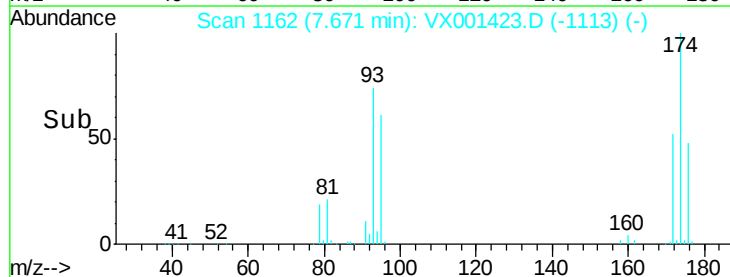
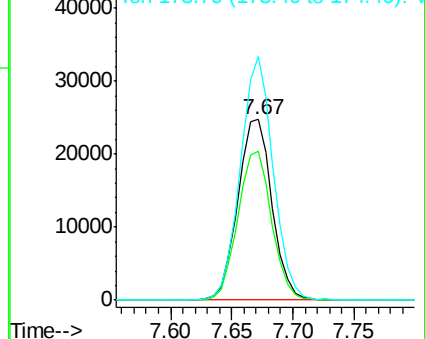
174 129.6 104.5 156.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.87 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

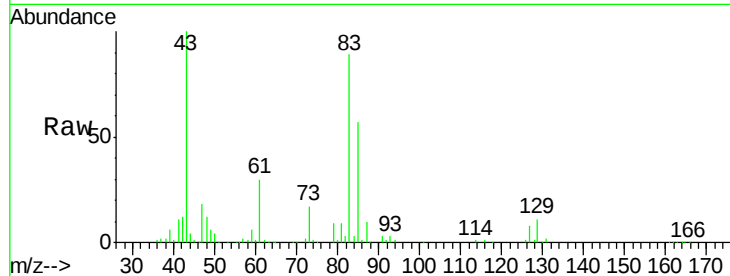
Tgt Ion: 83 Resp: 88555

Ion Ratio Lower Upper

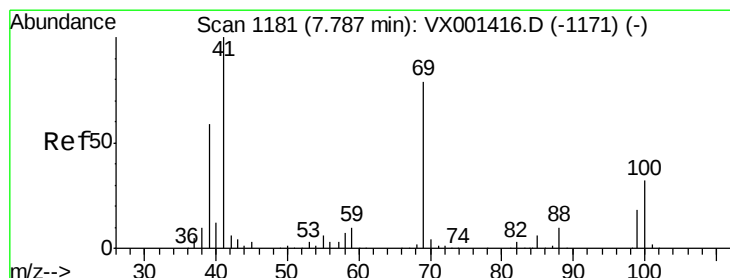
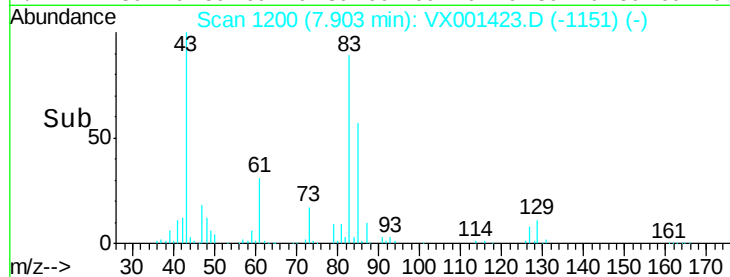
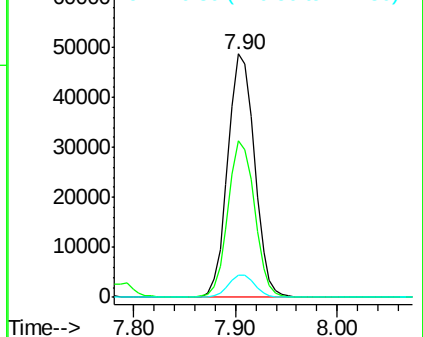
83 100

85 64.2 51.0 76.6

127 9.2 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: 21.09 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

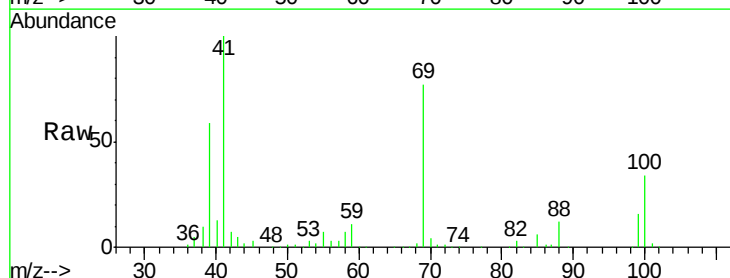
Tgt Ion: 41 Resp: 85950

Ion Ratio Lower Upper

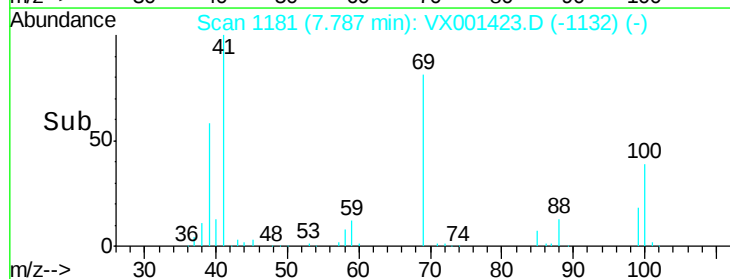
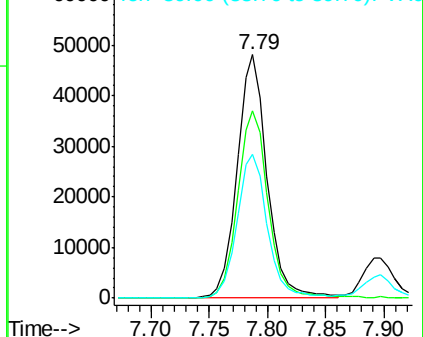
41 100

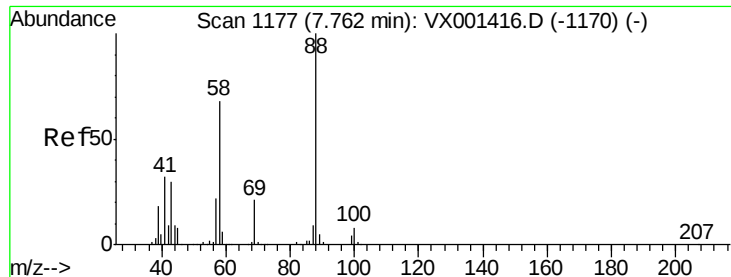
69 78.9 63.4 95.2

39 59.5 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: 434.08 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

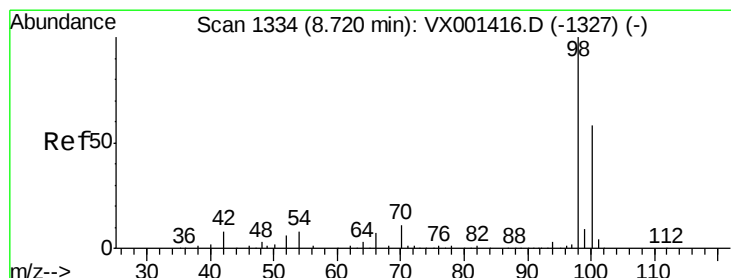
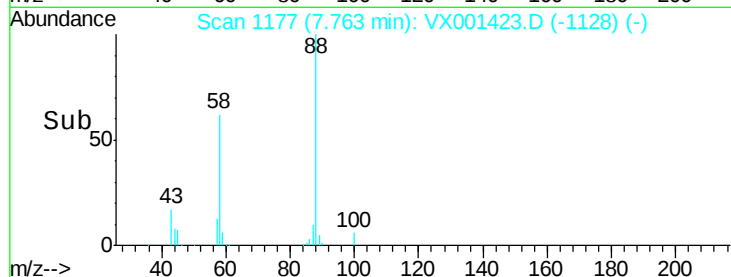
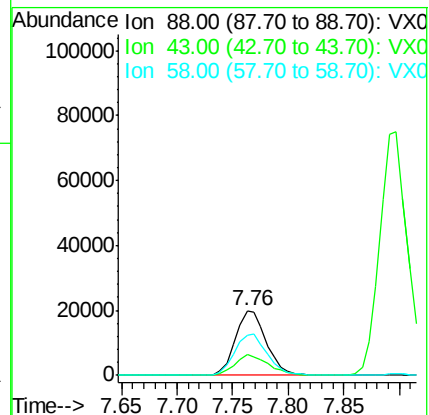
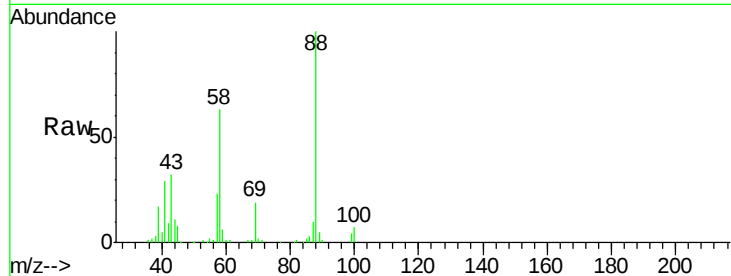
Tgt Ion: 88 Resp: 38215

Ion Ratio Lower Upper

88 100

43 36.4 26.4 39.6

58 67.9 54.1 81.1



#50

Toluene-d8

Concen: 51.65 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001423.D

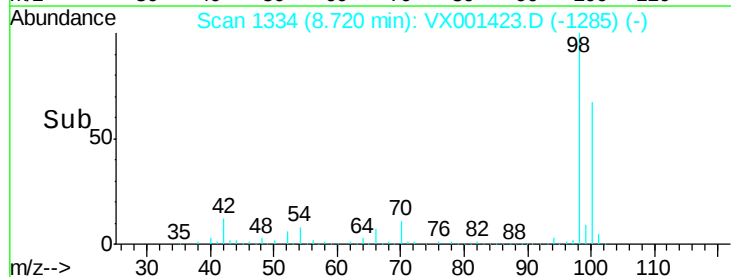
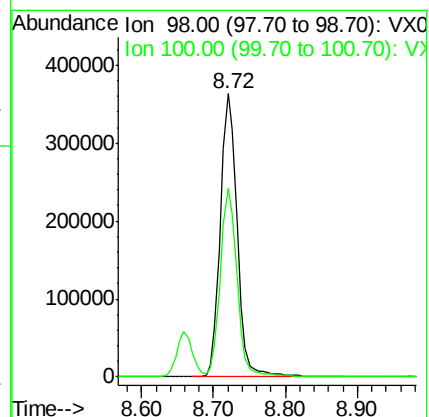
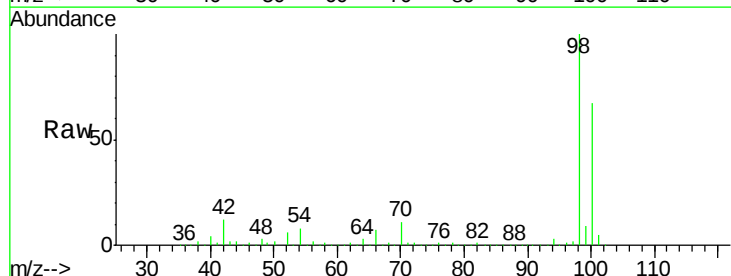
Acq: 05 May 2018 17:27

Tgt Ion: 98 Resp: 586306

Ion Ratio Lower Upper

98 100

100 66.6 54.0 81.0

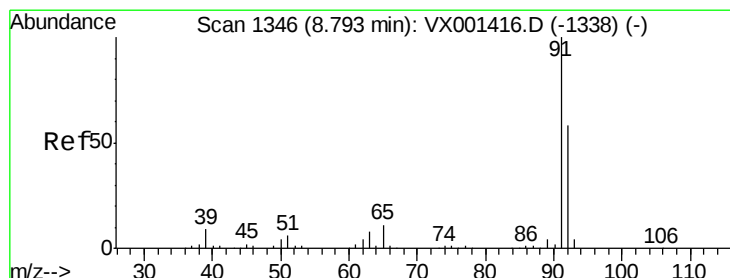
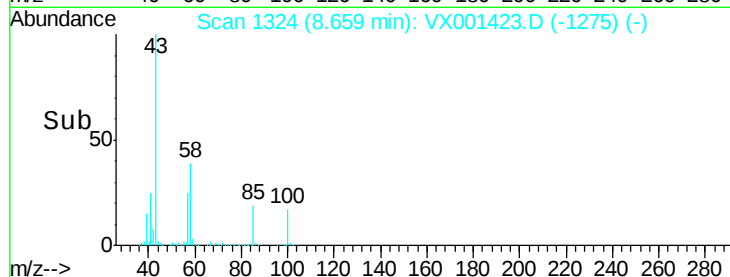
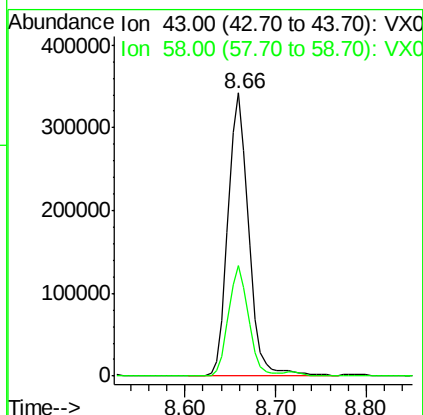
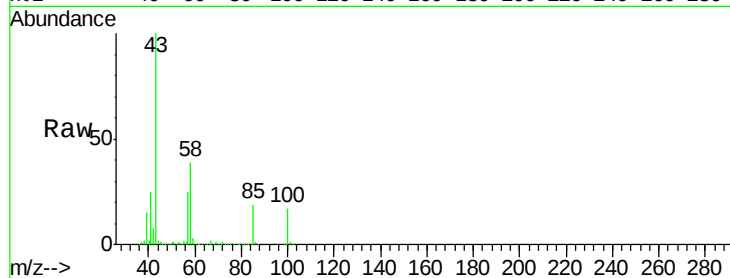




#51
 4-Methyl-2-Pentanone
 Concen: 109.86 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

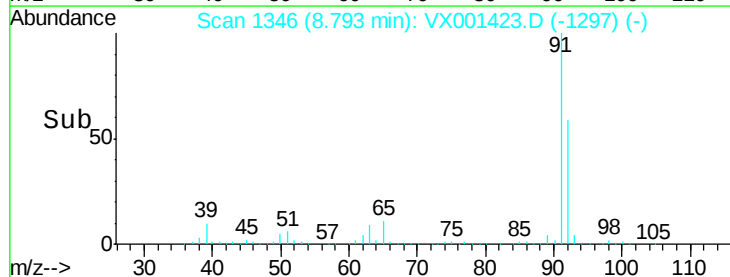
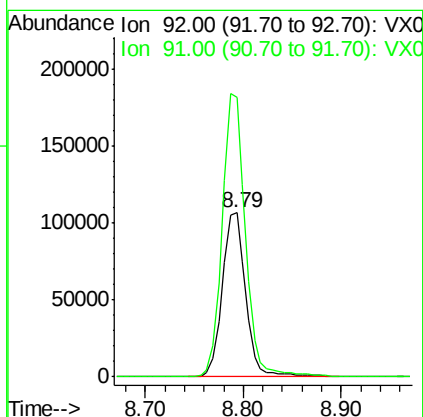
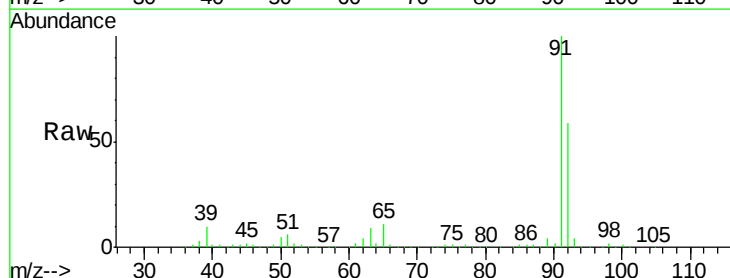
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

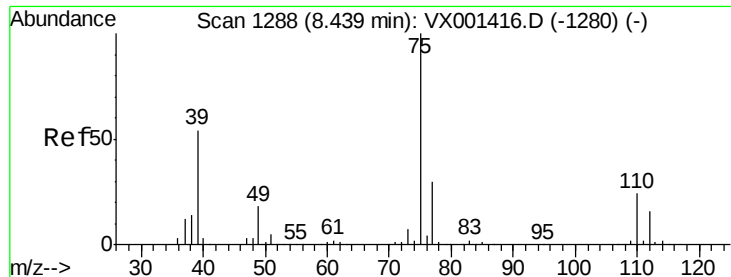
Tgt Ion: 43 Resp: 546341
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.8 46.2



#52
 Toluene
 Concen: 20.91 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion: 92 Resp: 177583
 Ion Ratio Lower Upper
 92 100
 91 171.3 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 21.11 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

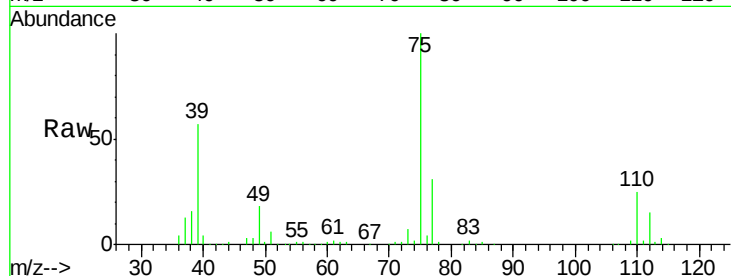
VX0505WBS01

Tgt Ion: 75 Resp: 101209

Ion Ratio Lower Upper

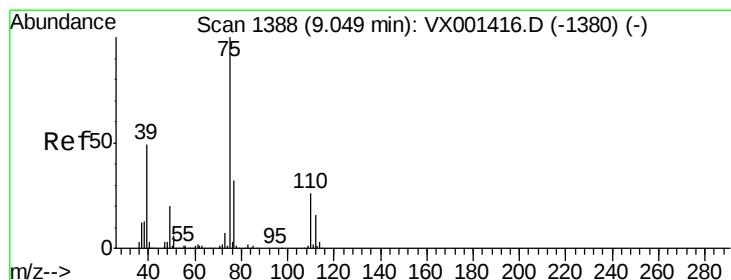
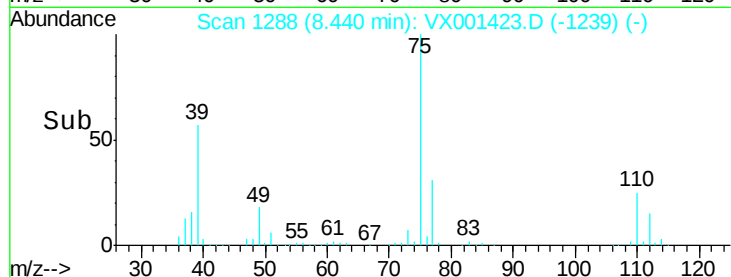
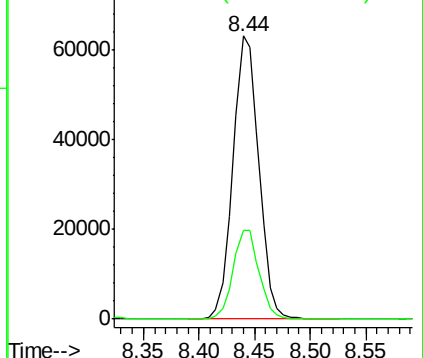
75 100

77 31.3 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.84 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

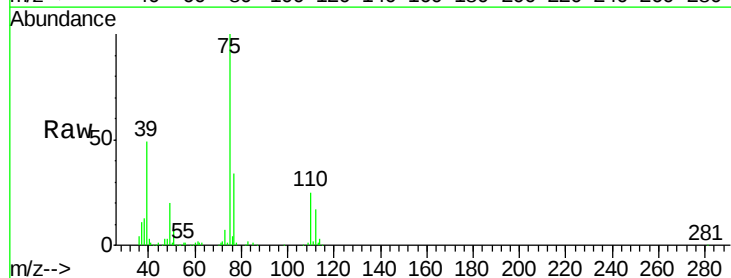
Tgt Ion: 75 Resp: 91278

Ion Ratio Lower Upper

75 100

77 33.6 25.5 38.3

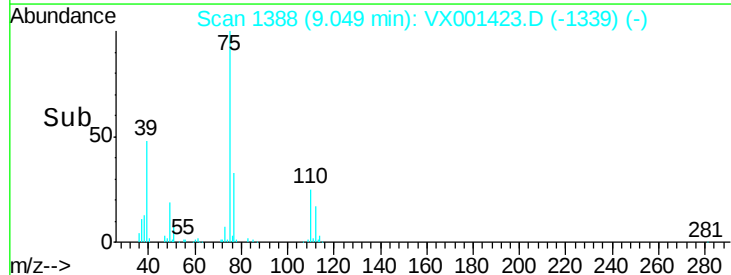
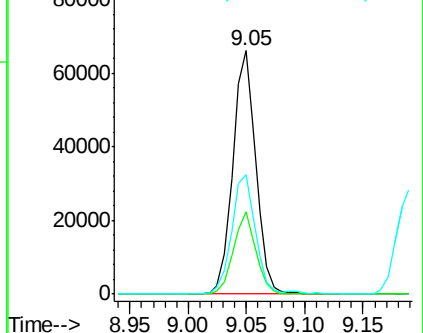
39 48.6 38.9 58.3

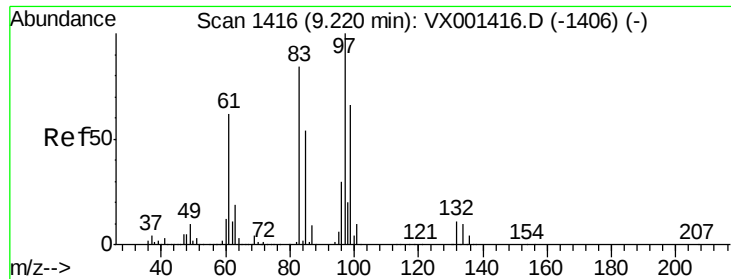


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

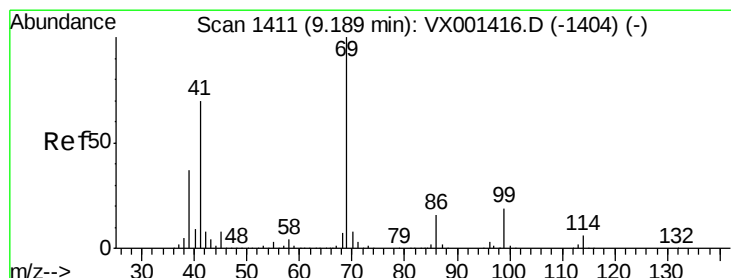
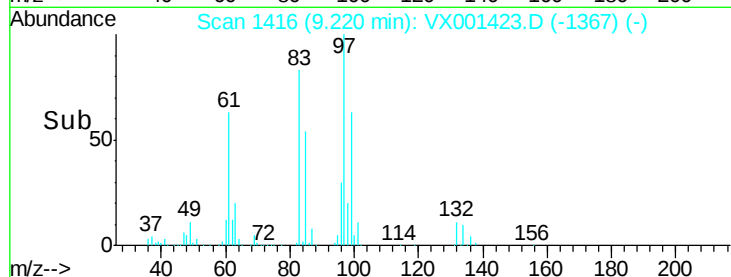
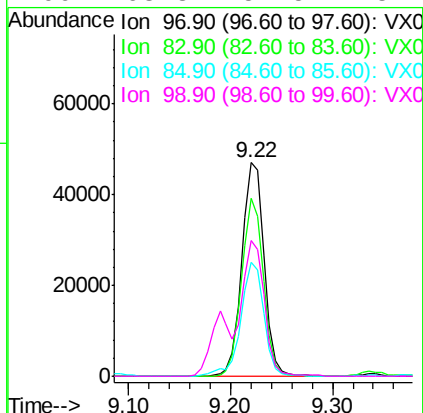
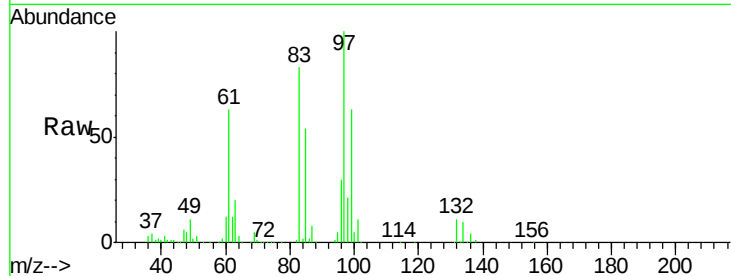




#55
 1,1,2-Trichloroethane
 Concen: 20.74 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

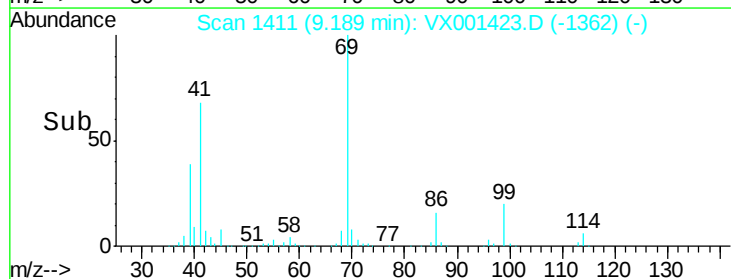
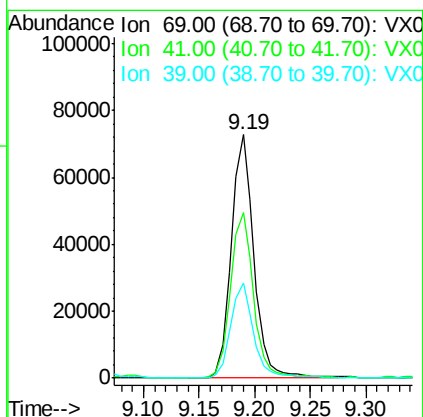
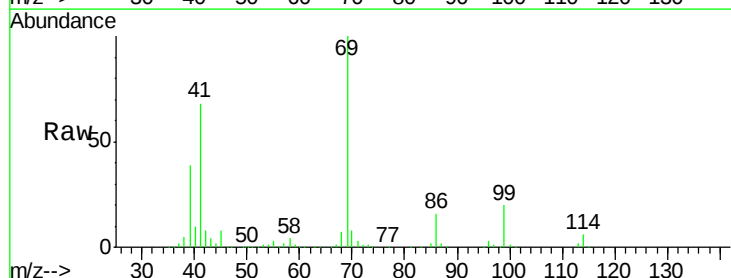
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

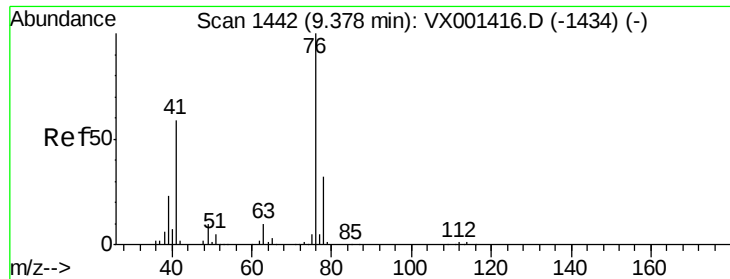
Tgt Ion:	97	Resp:	70971
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.4	101.0
85	53.6	43.3	64.9
99	63.3	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 20.70 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion:	69	Resp:	102092
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.1	82.7
39	39.0	29.9	44.9

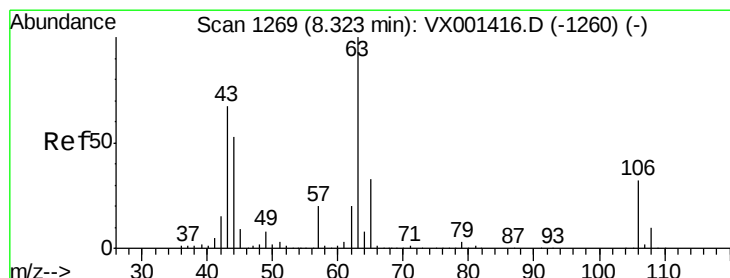
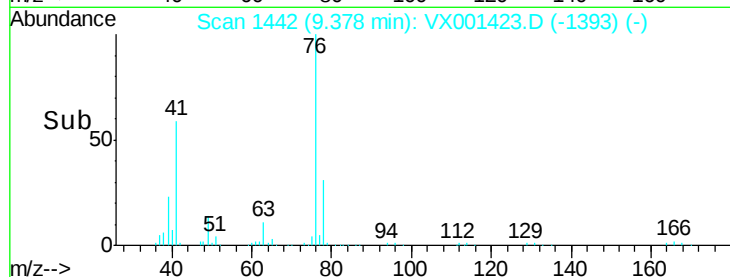
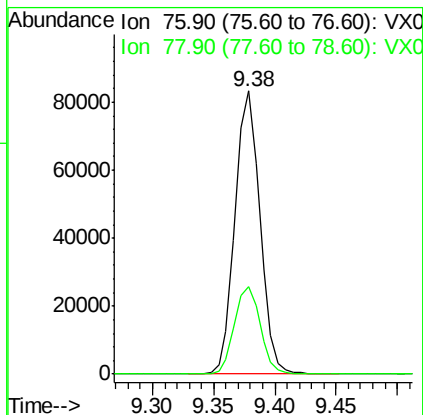
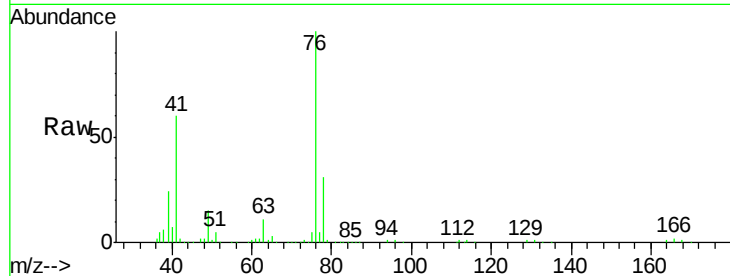




#57
 1,3-Dichloropropane
 Concen: 20.77 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

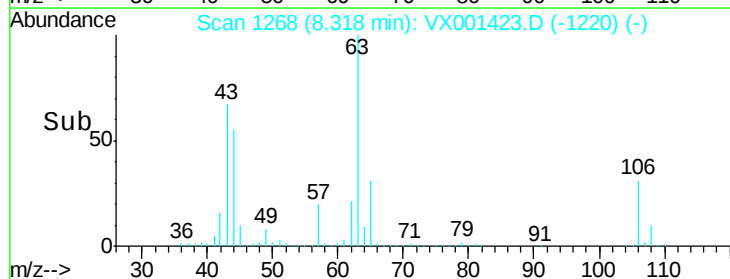
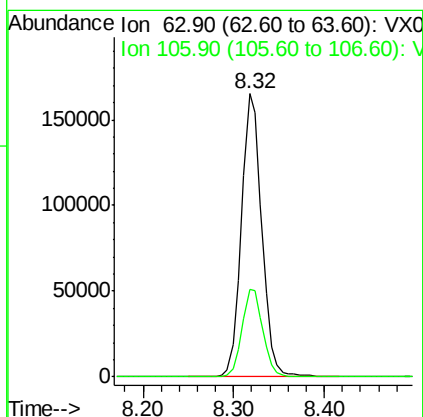
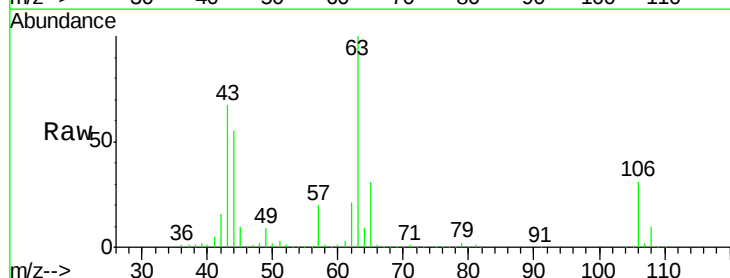
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Tgt Ion: 76 Resp: 117529
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.99 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion: 63 Resp: 256417
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.4 38.0

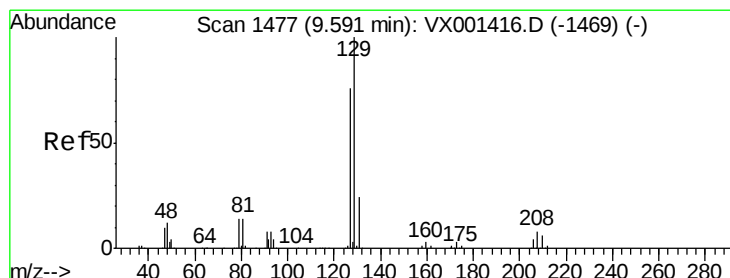
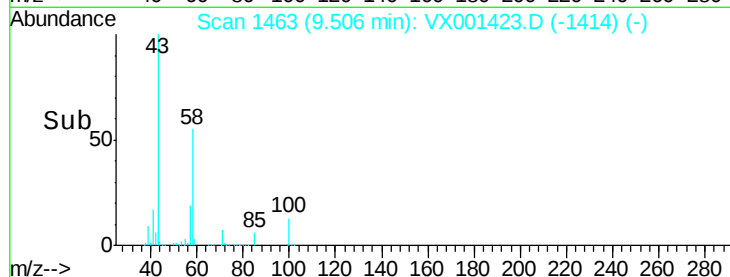
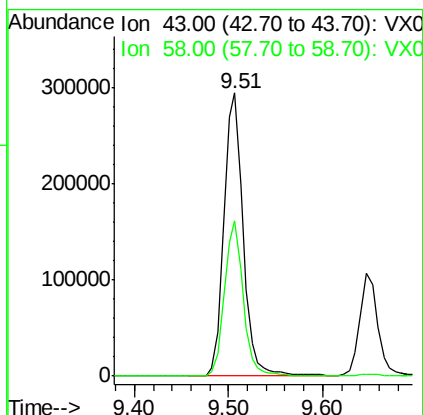
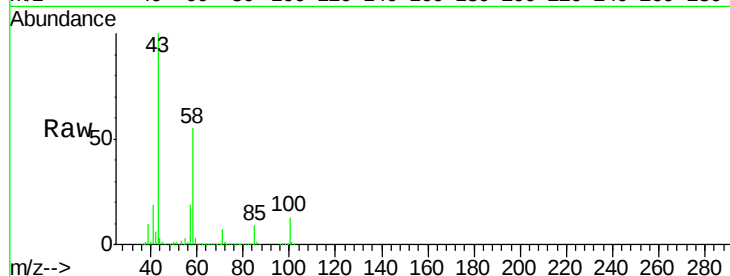




#59
2-Hexanone
Concen: 109.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

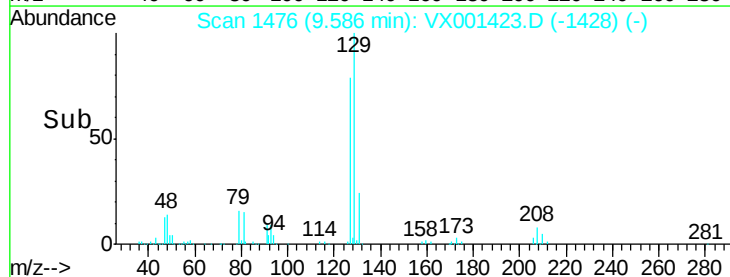
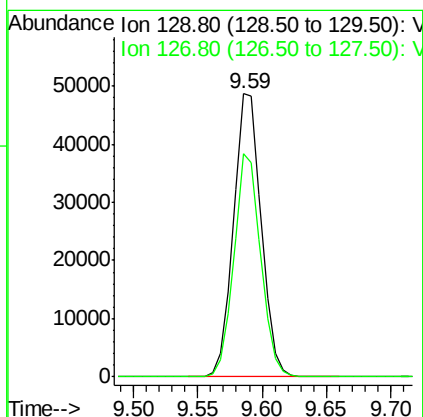
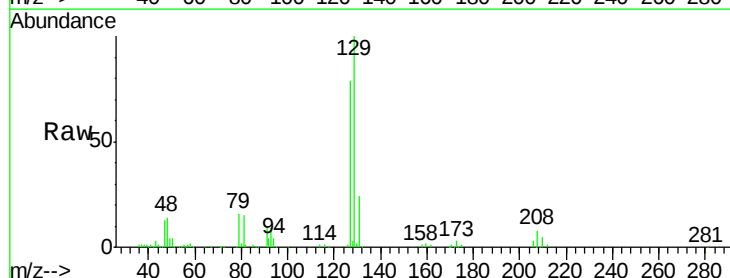
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

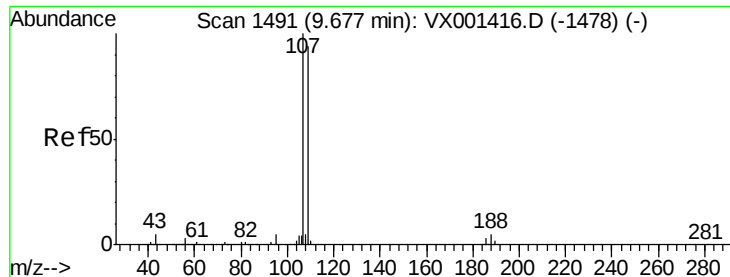
Tgt Ion: 43 Resp: 417189
Ion Ratio Lower Upper
43 100
58 53.5 27.1 81.2



#60
Dibromochloromethane
Concen: 20.82 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion: 129 Resp: 72965
Ion Ratio Lower Upper
129 100
127 76.2 38.1 114.5

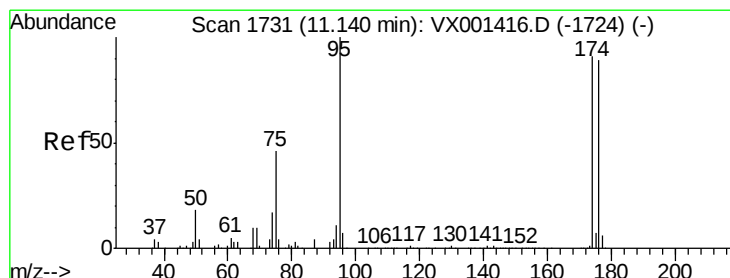
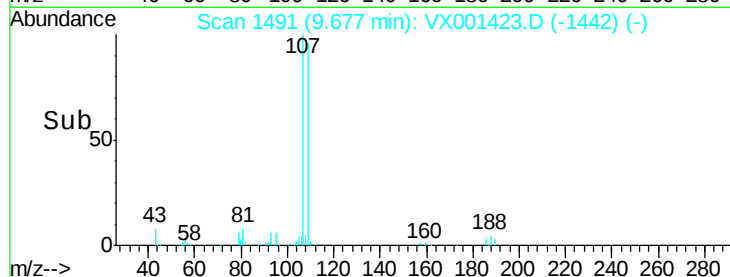
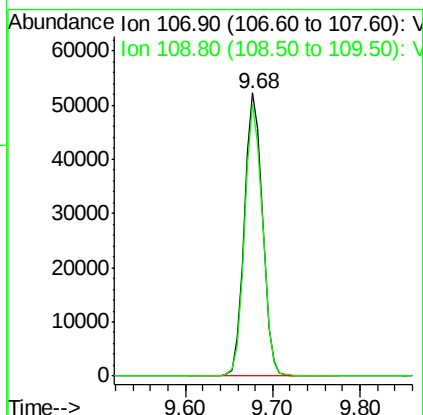
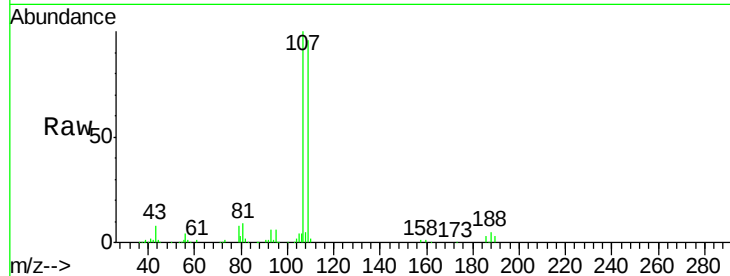




#61
 1,2-Dibromoethane
 Concen: 20.98 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

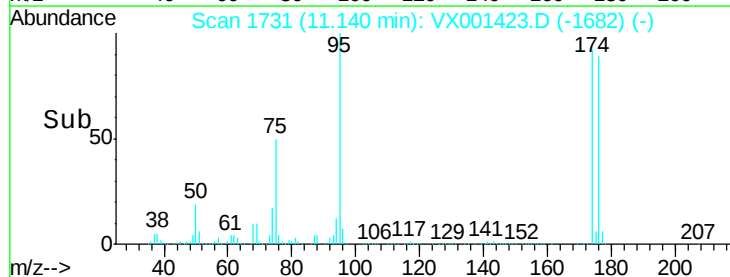
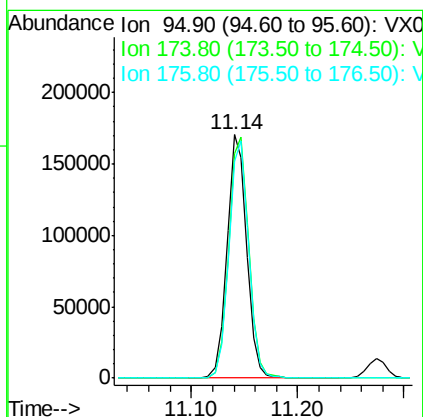
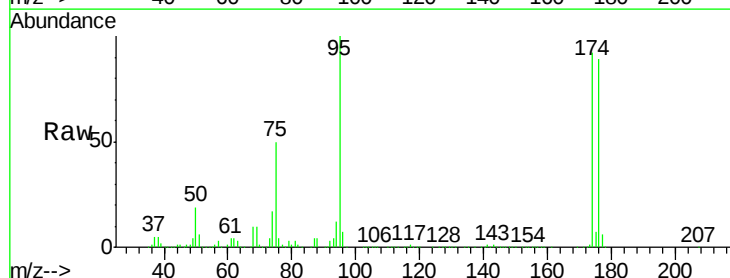
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Tgt Ion: 107 Resp: 75373
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.39 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion: 95 Resp: 219588
 Ion Ratio Lower Upper
 95 100
 174 101.2 0.0 202.0
 176 98.6 0.0 197.4

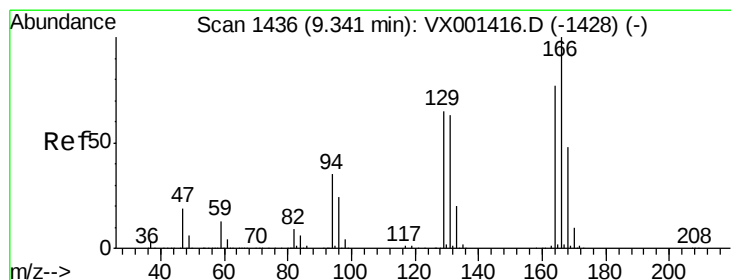
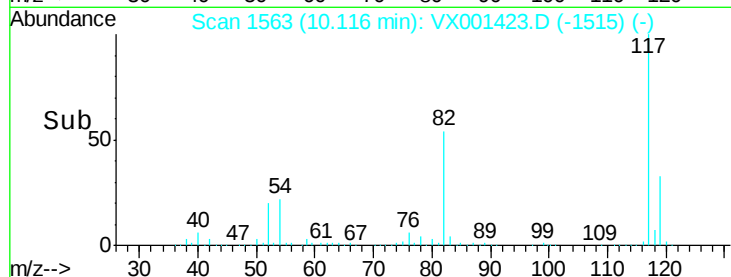
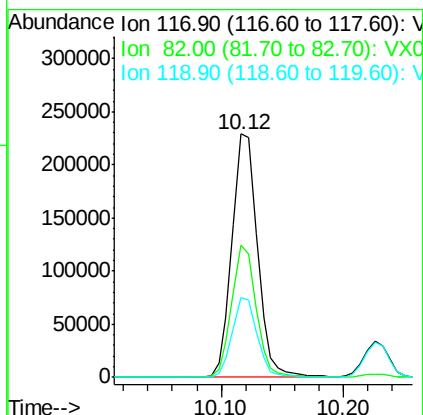
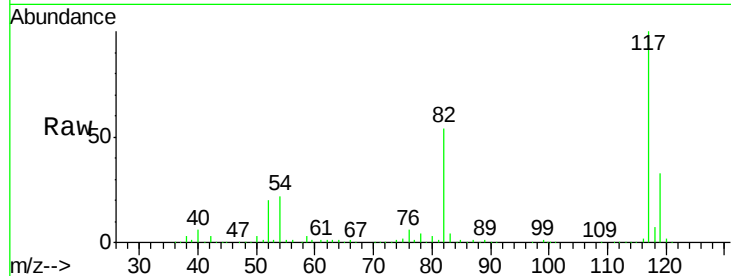




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

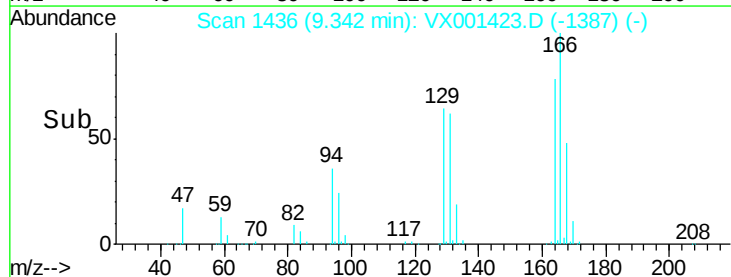
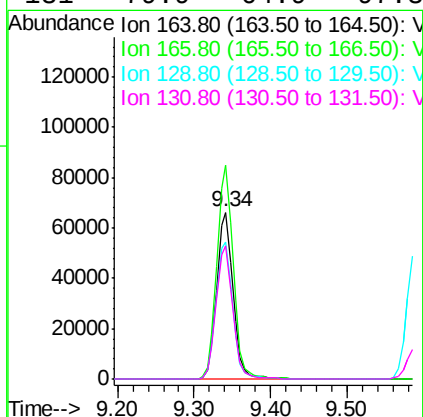
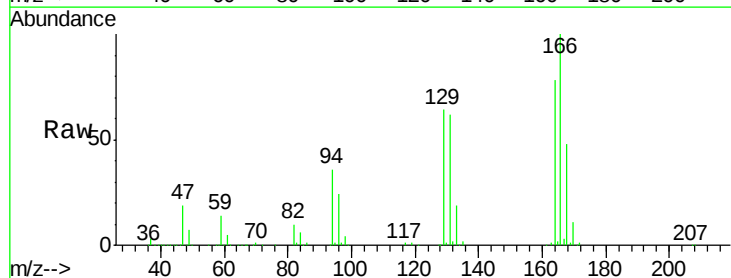
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

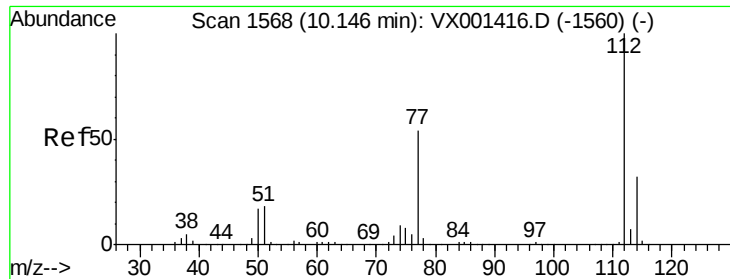
Tgt Ion:117 Resp: 331445
Ion Ratio Lower Upper
117 100
82 54.5 40.0 60.0
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 21.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion:164 Resp: 98785
Ion Ratio Lower Upper
164 100
166 127.9 103.5 155.3
129 81.8 66.7 100.1
131 79.9 64.9 97.3





#65

Chlorobenzene

Concen: 20.82 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

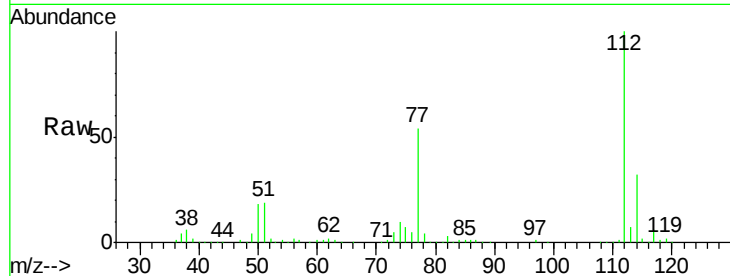
VX0505WBS01

Tgt Ion:112 Resp: 202345

Ion Ratio Lower Upper

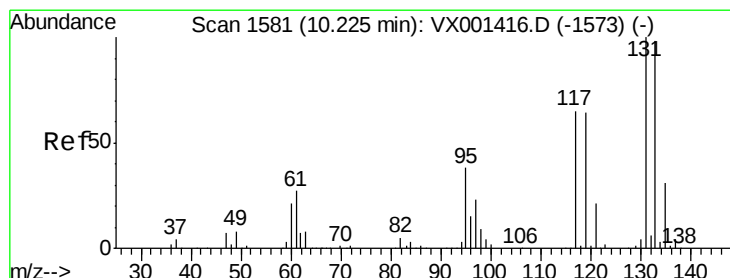
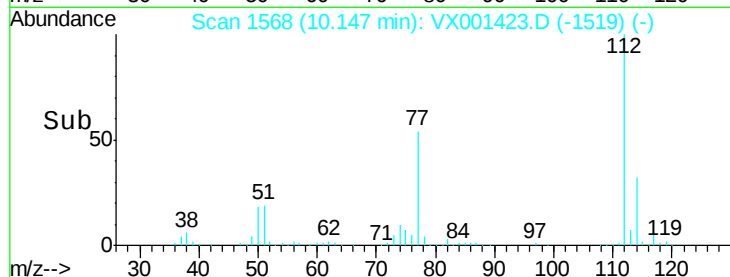
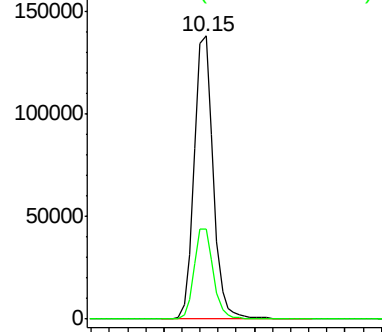
112 100

114 31.8 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.24 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

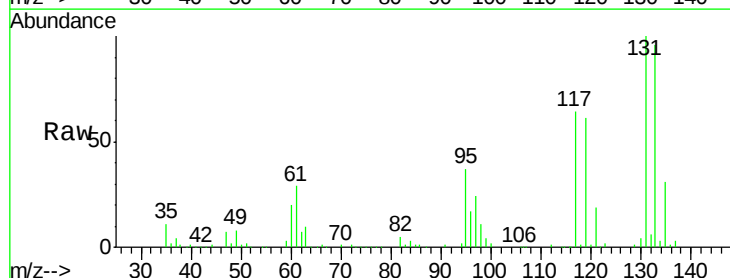
Tgt Ion:131 Resp: 73869

Ion Ratio Lower Upper

131 100

133 96.2 47.9 143.8

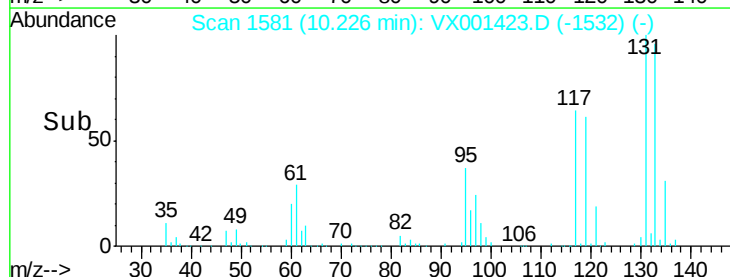
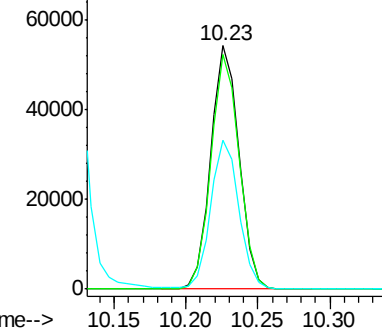
119 61.2 31.1 93.3

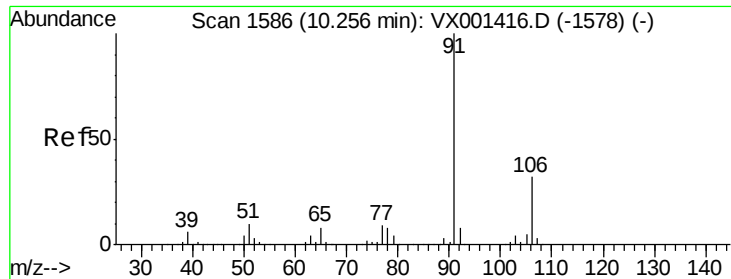


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

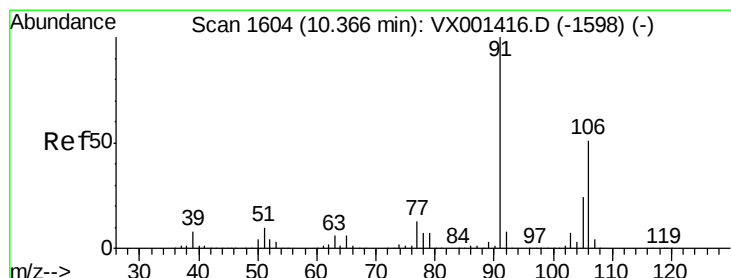
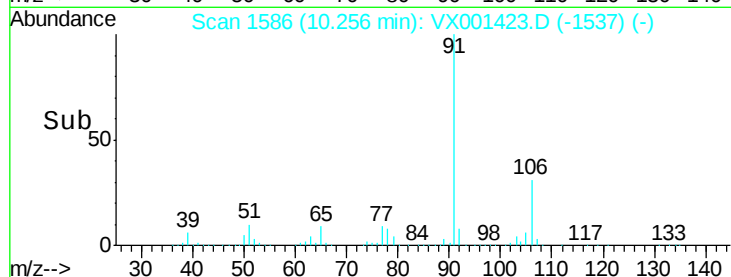
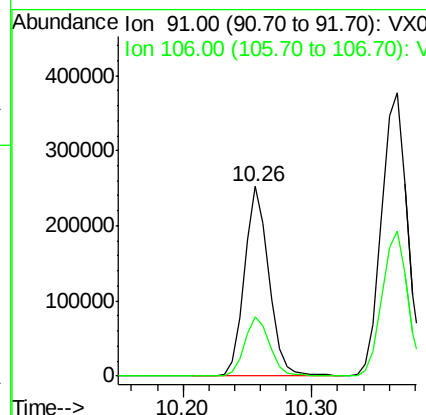
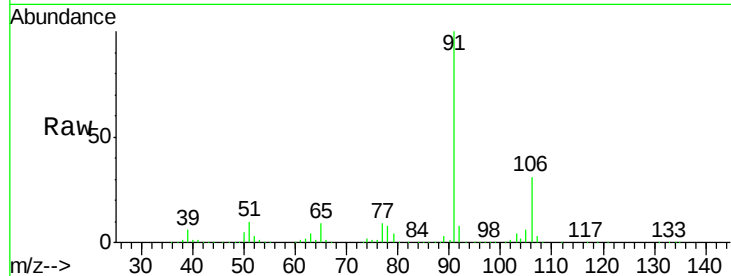




#67
Ethyl Benzene
Concen: 20.80 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

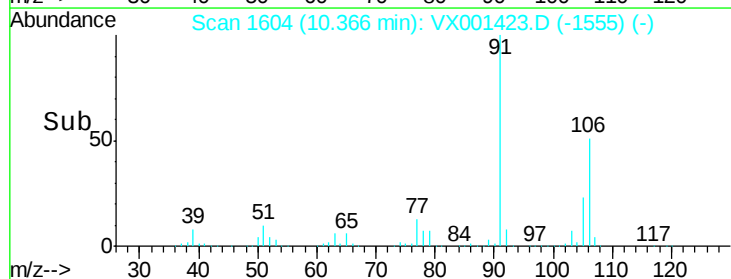
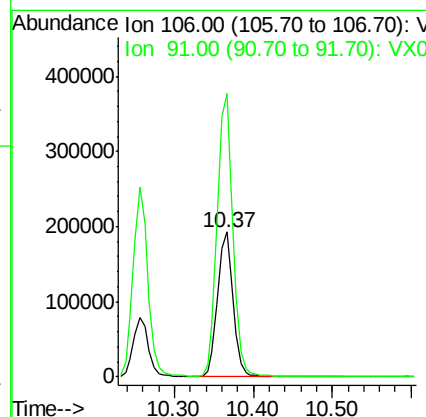
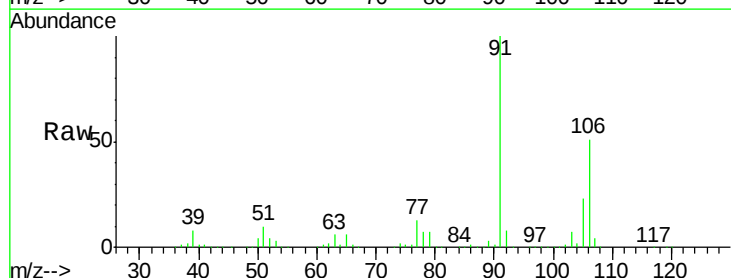
Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

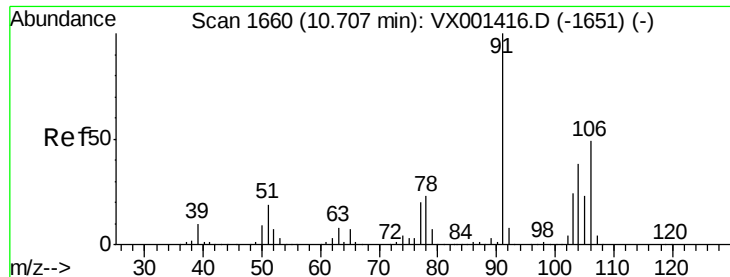
Tgt Ion: 91 Resp: 331313
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 42.38 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion: 106 Resp: 266796
Ion Ratio Lower Upper
106 100
91 197.7 157.5 236.3

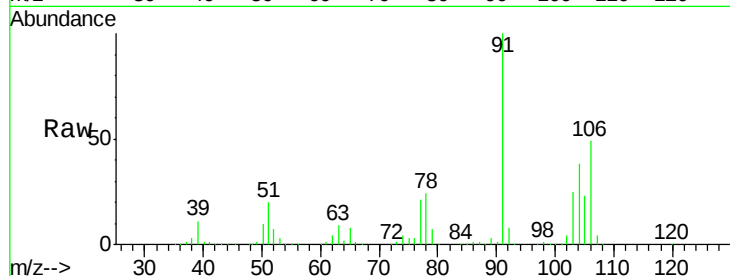




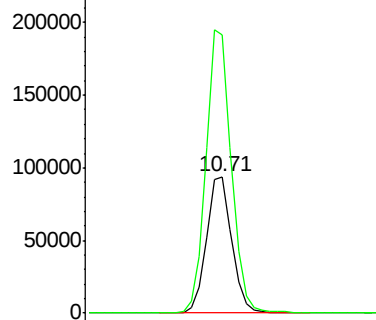
#69
o-Xylene
Concen: 21.02 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

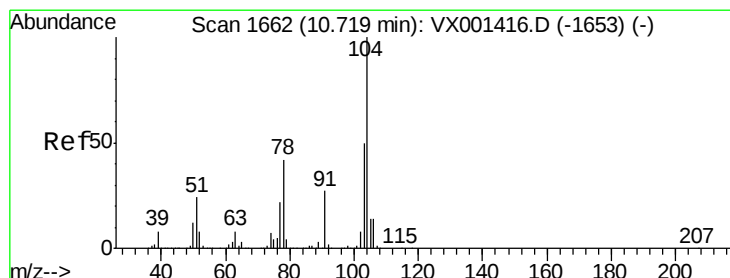
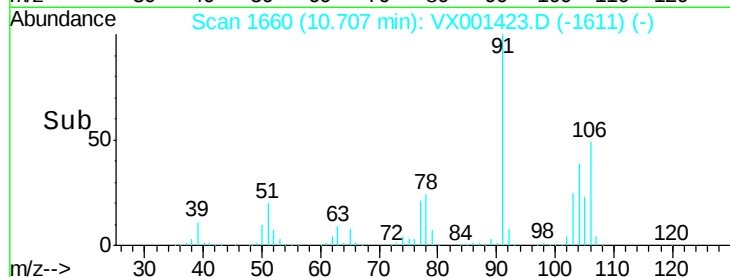
Tgt Ion:106 Resp: 128623
Ion Ratio Lower Upper
106 100
91 207.9 103.1 309.1



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

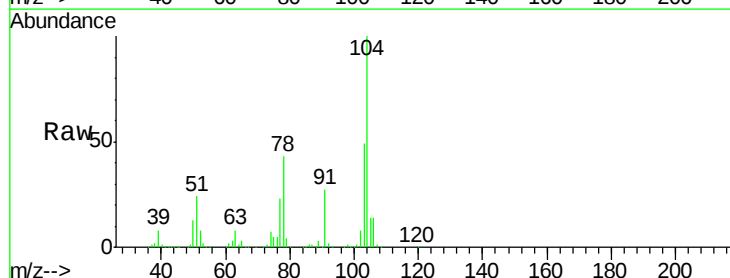


Time-->

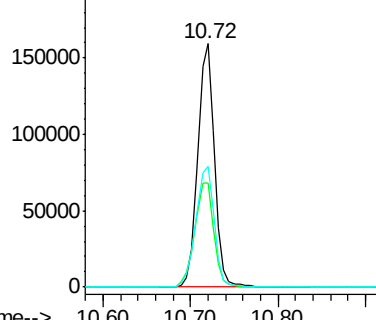


#70
Styrene
Concen: 21.14 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

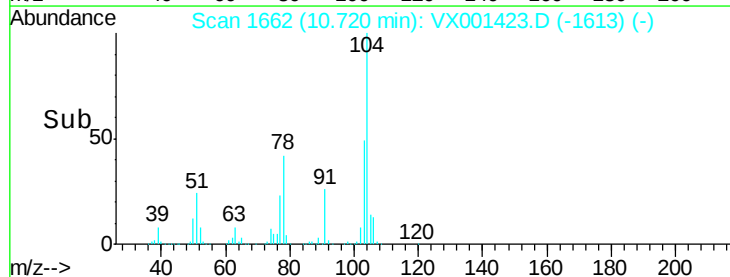
Tgt Ion:104 Resp: 210123
Ion Ratio Lower Upper
104 100
78 49.2 38.6 58.0
103 55.2 44.0 66.0

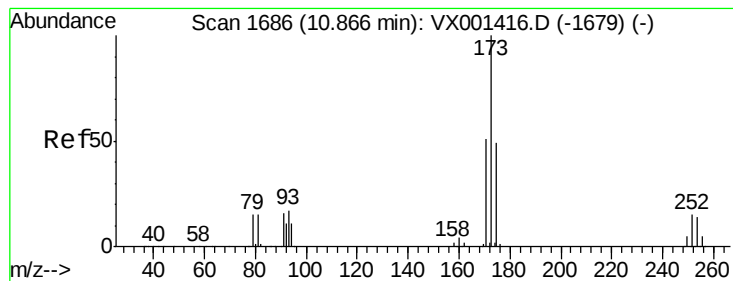


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 19.49 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

VX0505WBS01

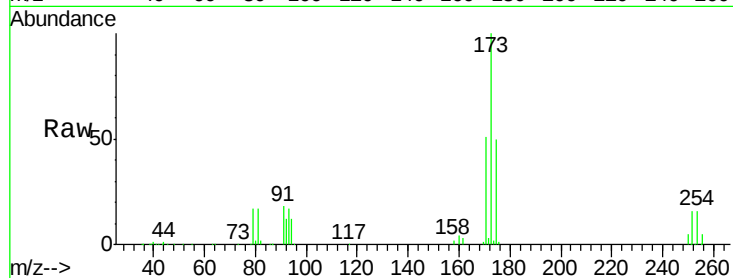
Tgt Ion:173 Resp: 57320

Ion Ratio Lower Upper

173 100

175 49.4 24.5 73.5

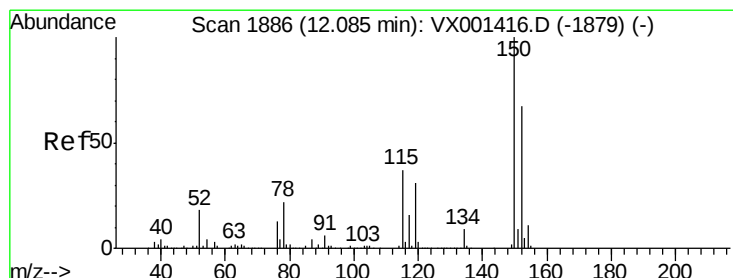
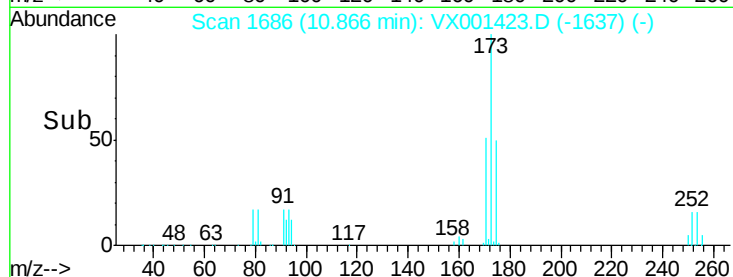
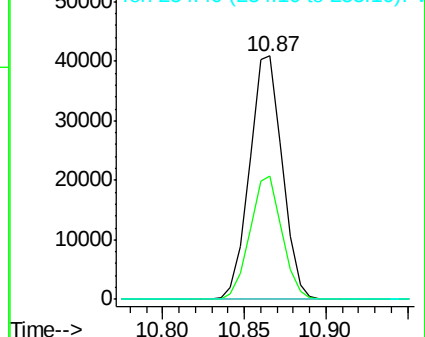
254 0.2 0.2 0.2



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

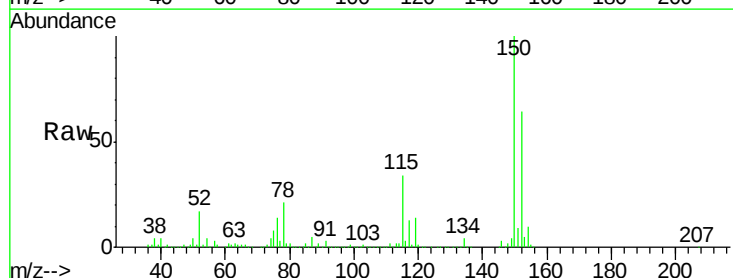
Tgt Ion:152 Resp: 234889

Ion Ratio Lower Upper

152 100

115 62.8 37.7 113.1

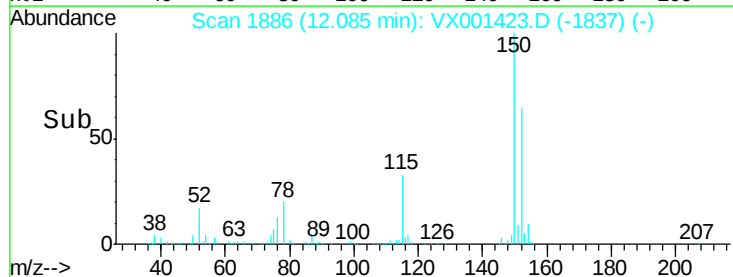
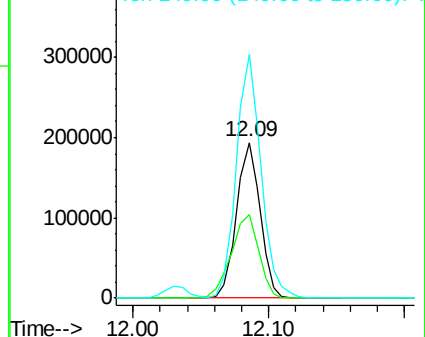
150 163.0 0.0 349.4

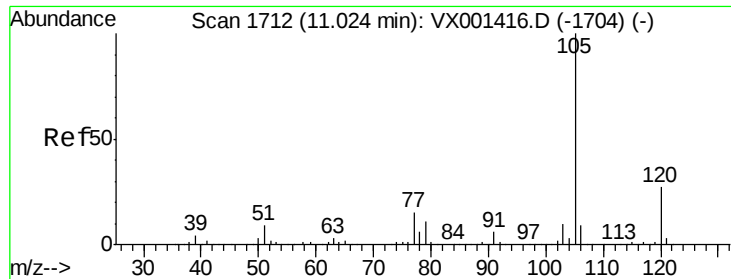


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.20 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

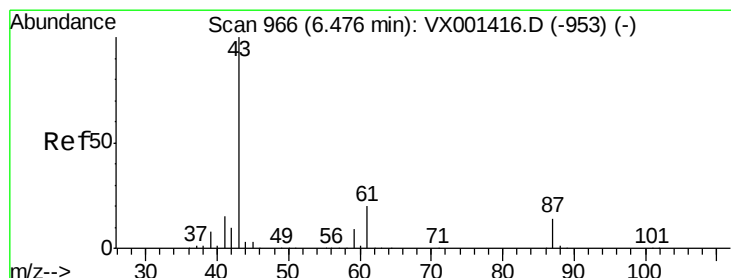
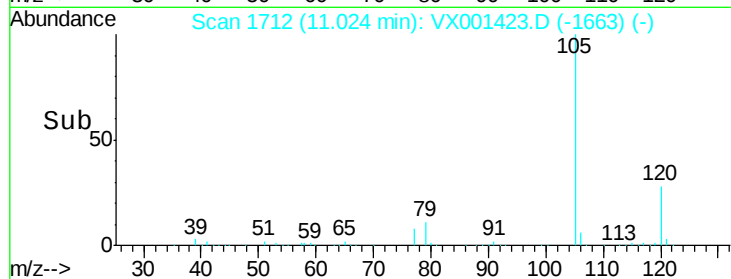
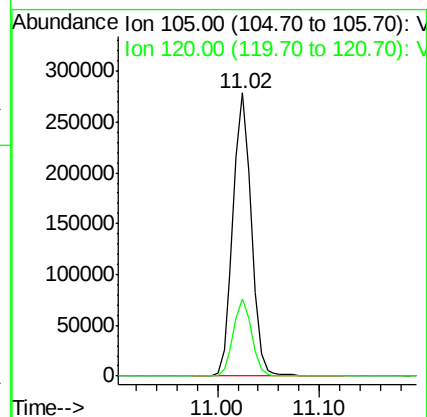
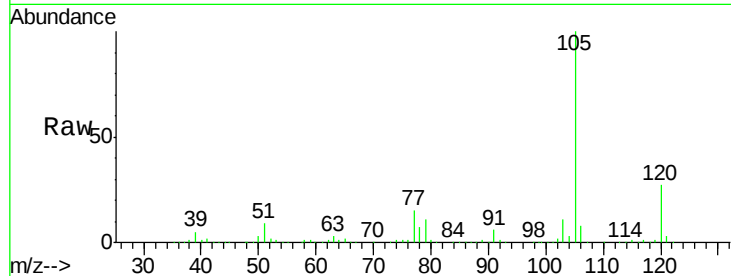
VX0505WBS01

Tgt Ion: 105 Resp: 344695

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.8



#74

N-ethyl acetate

Concen: 21.53 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion: 43 Resp: 159004

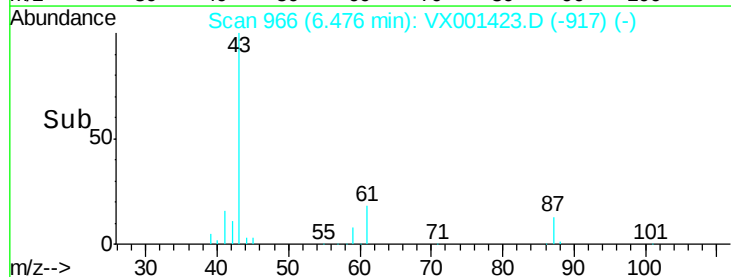
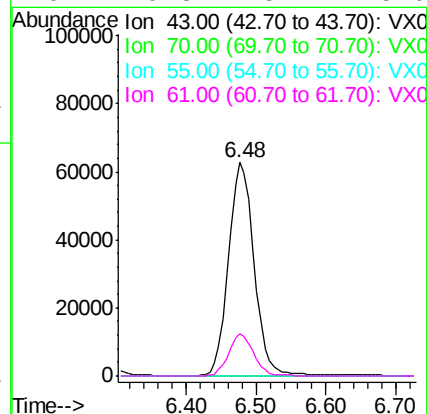
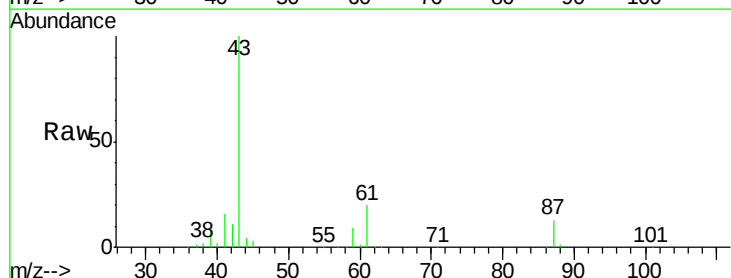
Ion Ratio Lower Upper

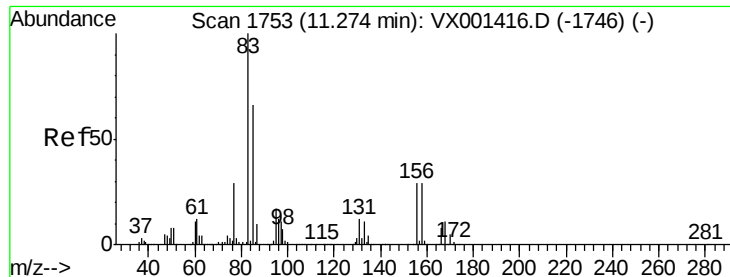
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.3 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.13 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

VX0505WBS01

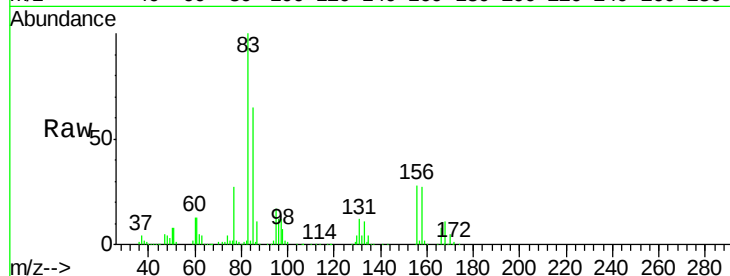
Tgt Ion: 83 Resp: 101493

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.4

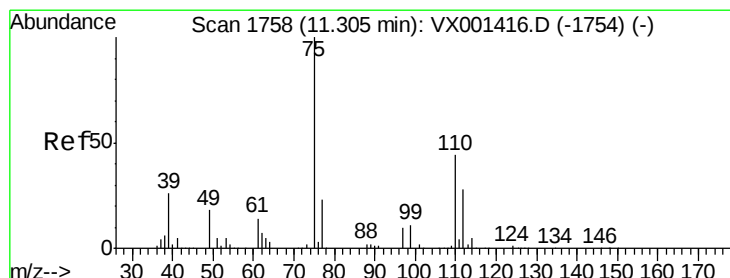
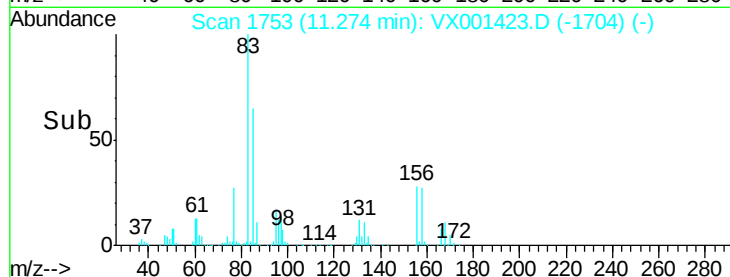
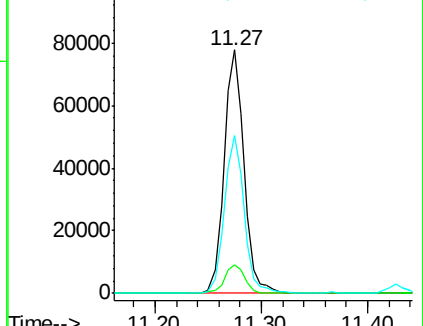
85 64.6 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.98 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001423.D

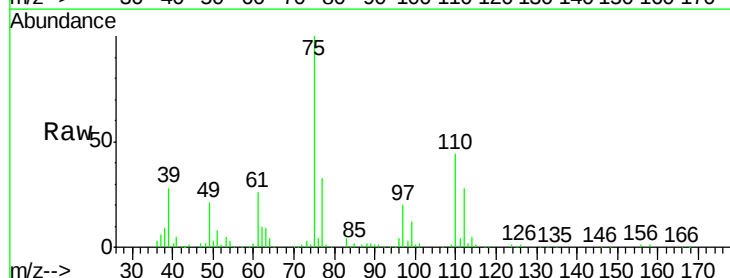
Acq: 05 May 2018 17:27

Tgt Ion: 75 Resp: 119003

Ion Ratio Lower Upper

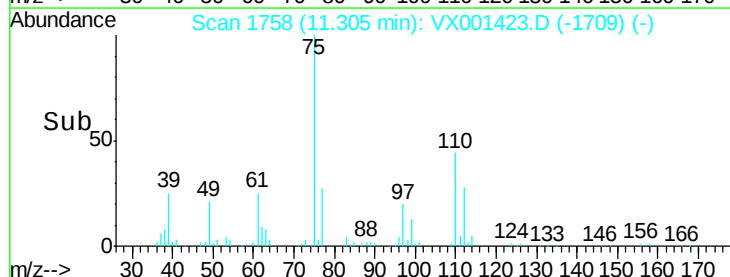
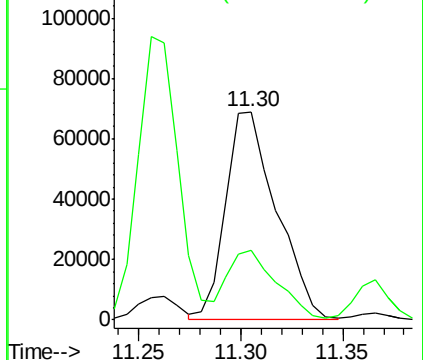
75 100

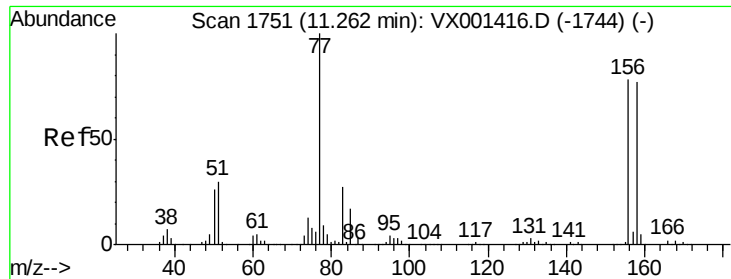
77 31.8 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.79 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

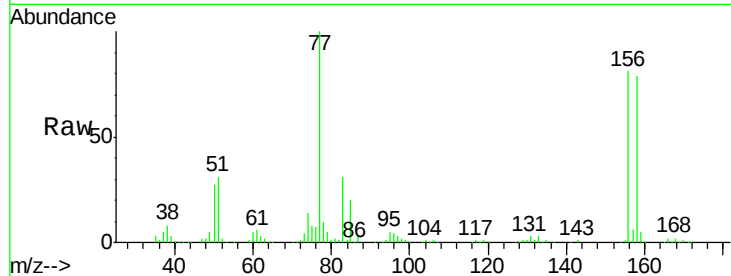
Tgt Ion:156 Resp: 98296

Ion Ratio Lower Upper

156 100

77 131.4 66.0 198.2

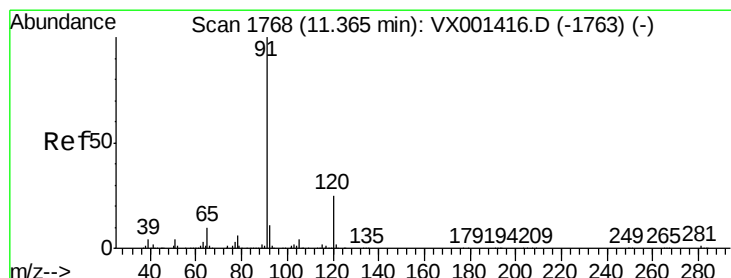
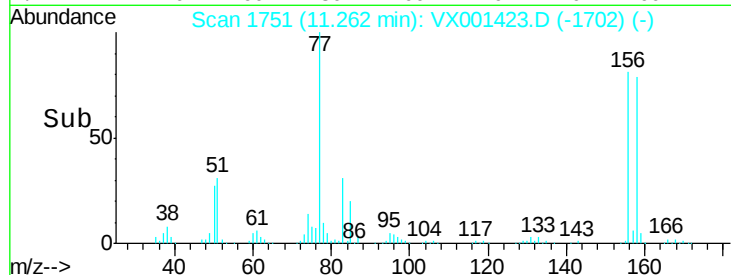
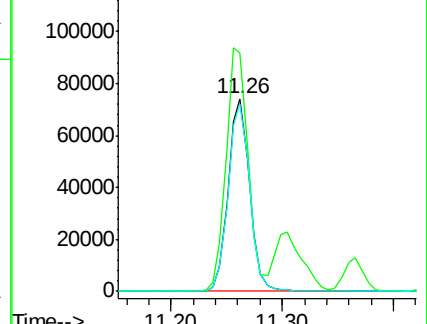
158 98.0 49.4 148.2



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: 21.70 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001423.D

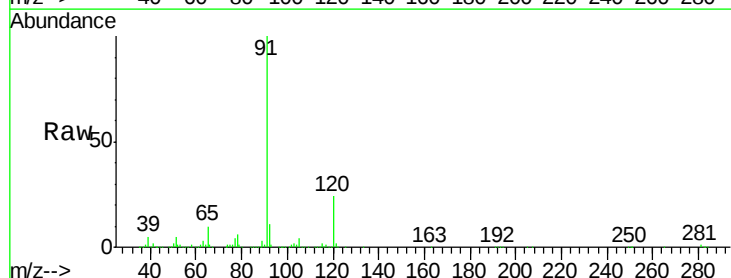
Acq: 05 May 2018 17:27

Tgt Ion: 91 Resp: 384313

Ion Ratio Lower Upper

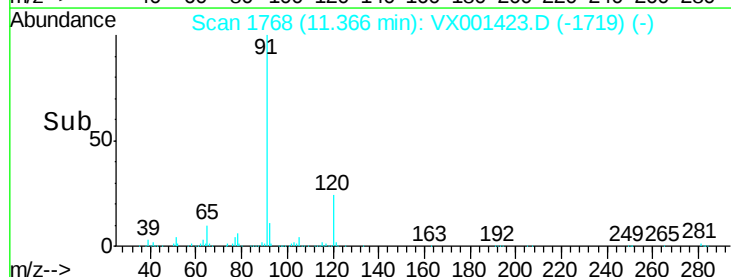
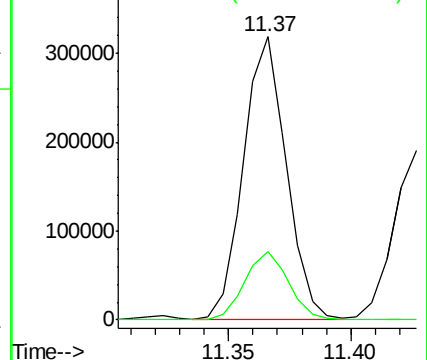
91 100

120 24.8 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: 21.28 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

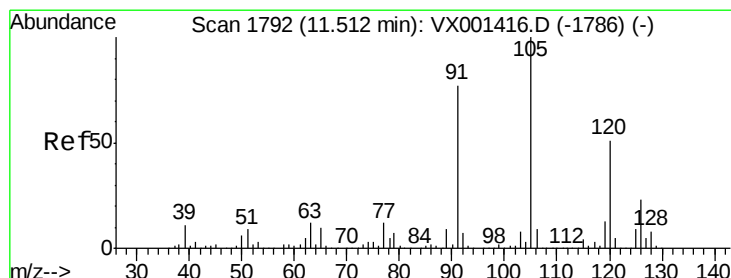
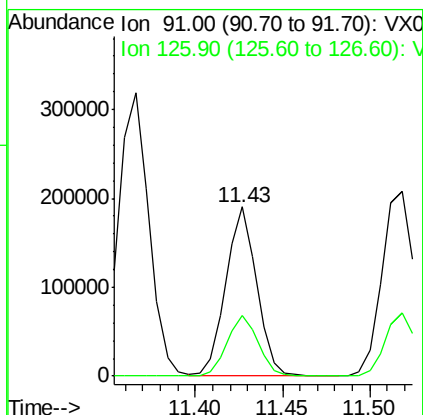
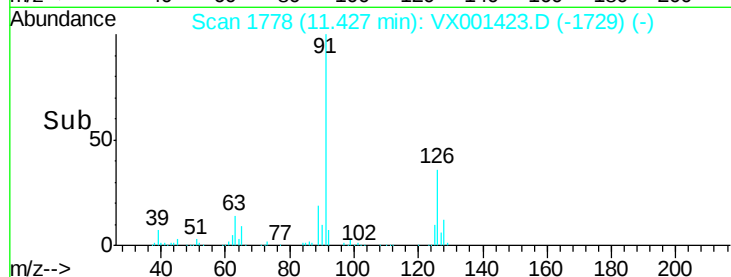
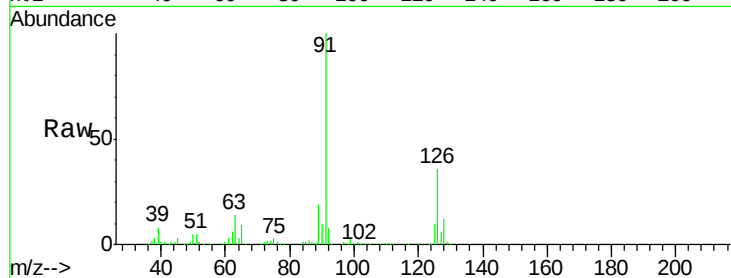
VX0505WBS01

Tgt Ion: 91 Resp: 231931

Ion Ratio Lower Upper

91 100

126 36.5 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 21.51 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001423.D

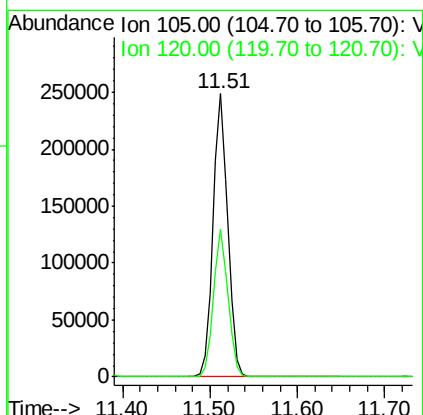
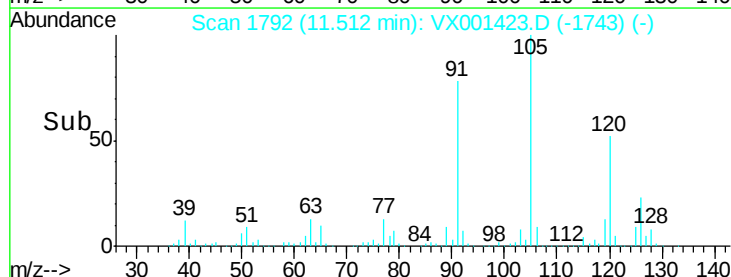
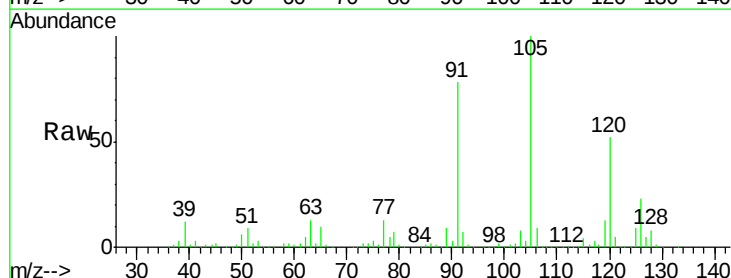
Acq: 05 May 2018 17:27

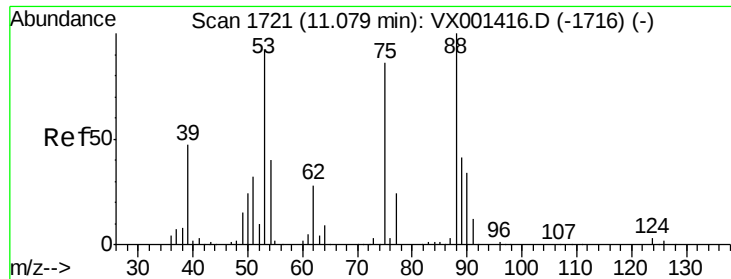
Tgt Ion: 105 Resp: 291252

Ion Ratio Lower Upper

105 100

120 51.5 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.23 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

VX0505WBS01

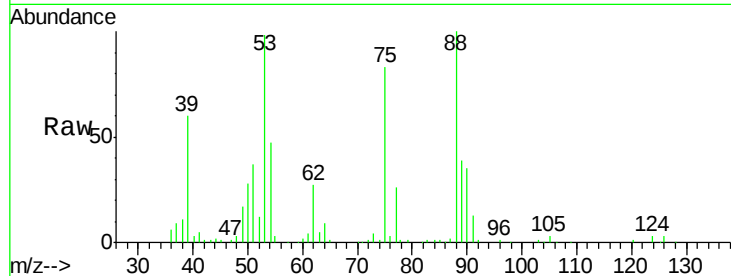
Tgt Ion: 75 Resp: 24427

Ion Ratio Lower Upper

75 100

53 121.6 84.5 126.7

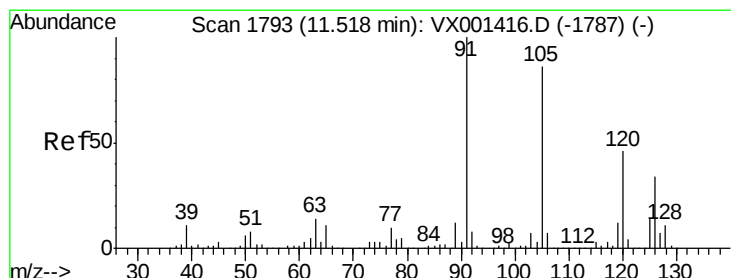
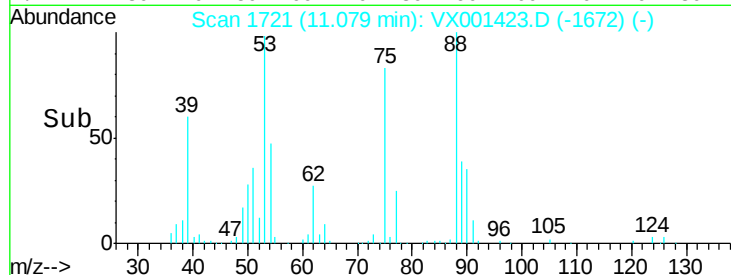
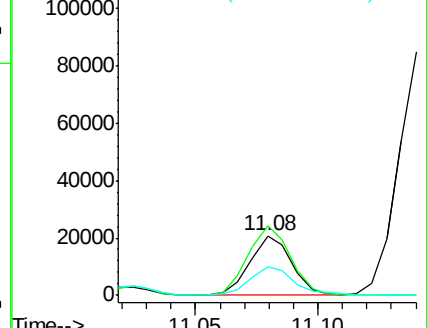
89 51.3 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.42 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001423.D

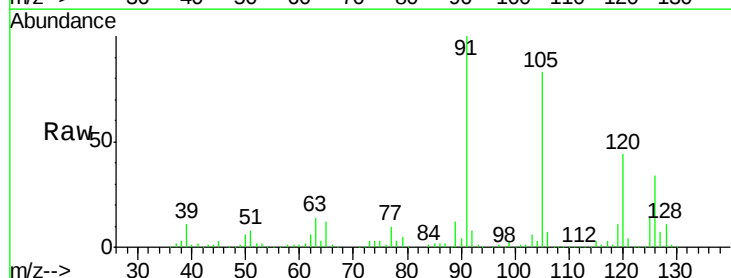
Acq: 05 May 2018 17:27

Tgt Ion: 91 Resp: 269259

Ion Ratio Lower Upper

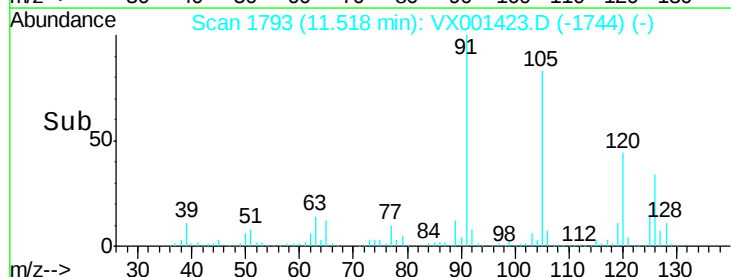
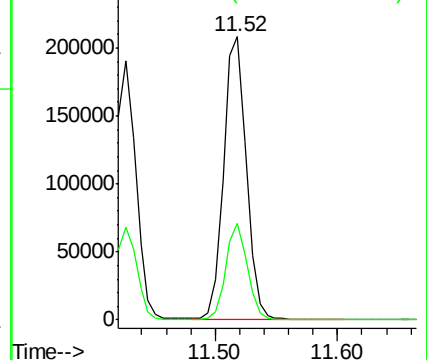
91 100

126 32.5 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

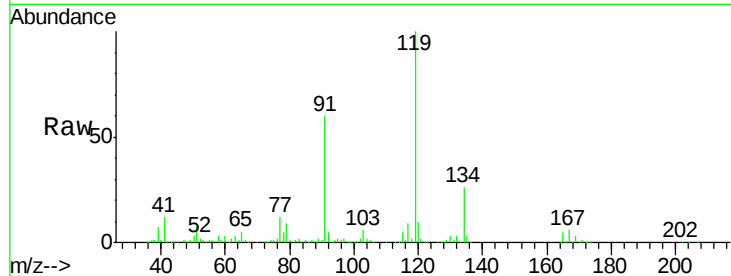




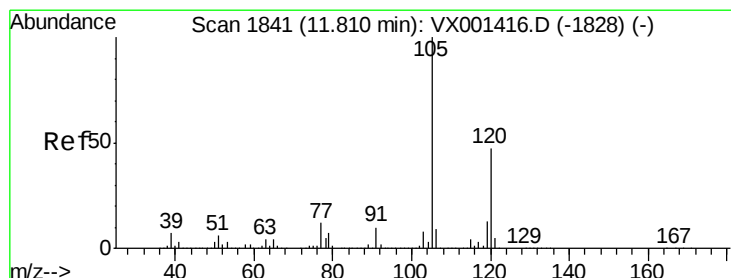
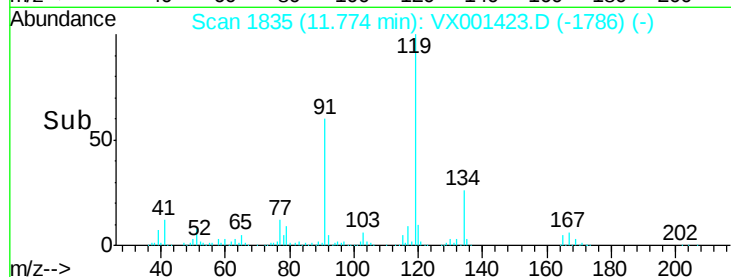
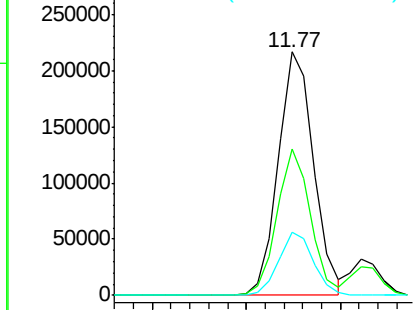
#83
 tert-Butylbenzene
 Concen: 20.93 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Tgt Ion:119 Resp: 281996
 Ion Ratio Lower Upper
 119 100
 91 57.1 27.8 83.3
 134 25.5 12.4 37.0

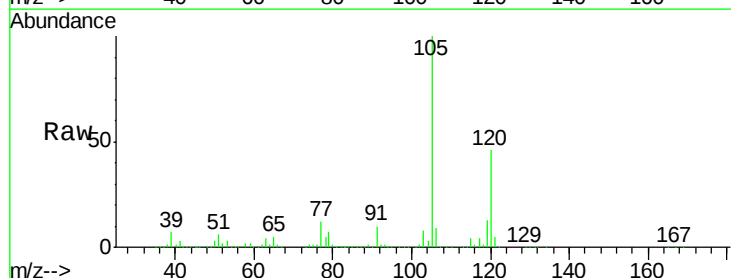


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

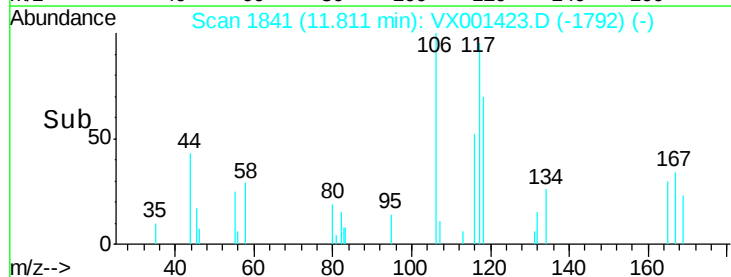
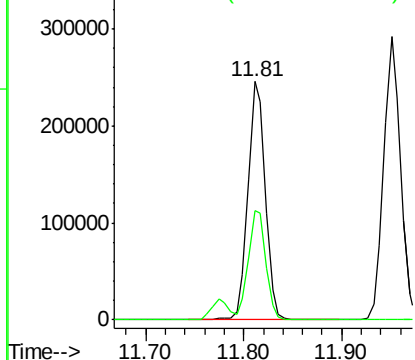


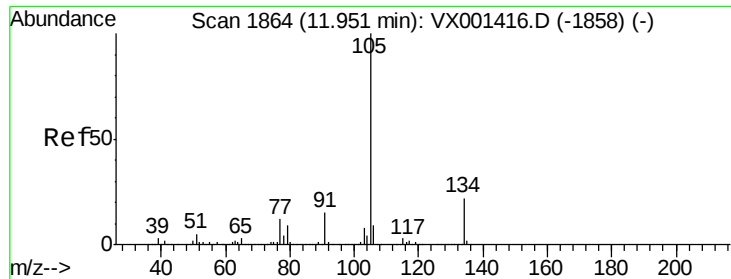
#84
 1,2,4-Trimethylbenzene
 Concen: 21.75 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion:105 Resp: 302604
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.2



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

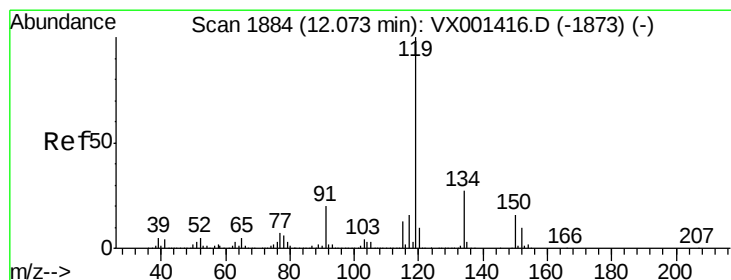
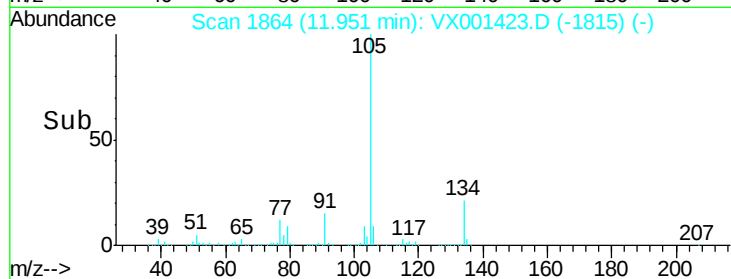
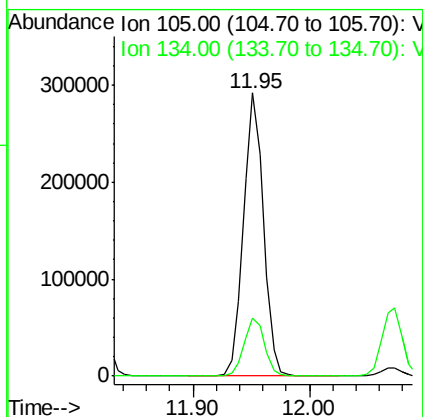
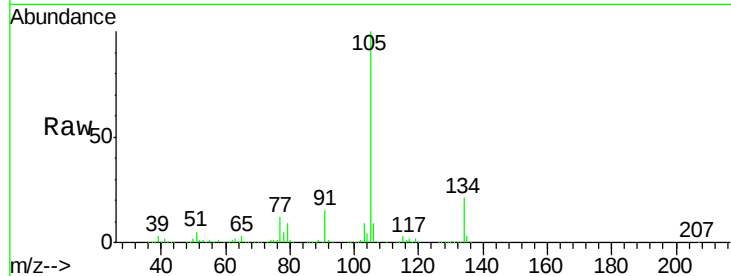




#85
 sec-Butylbenzene
 Concen: 21.66 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

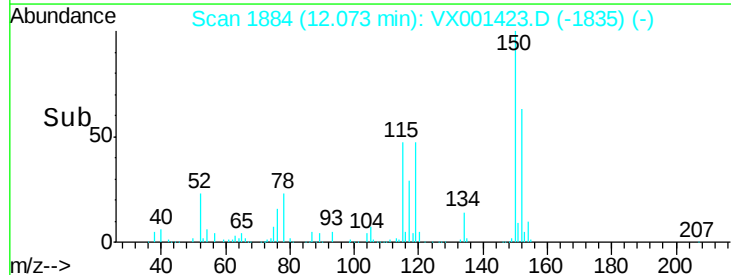
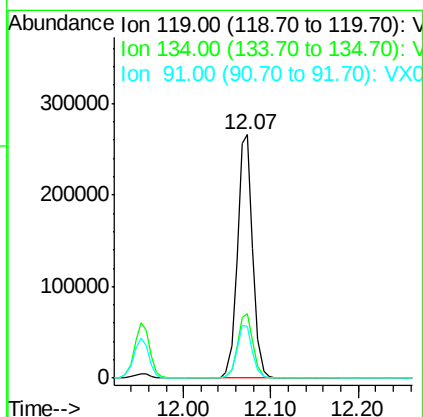
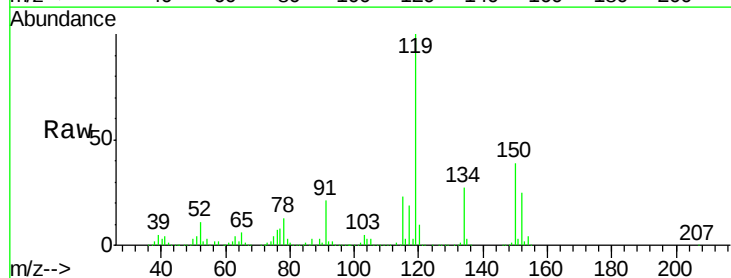
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

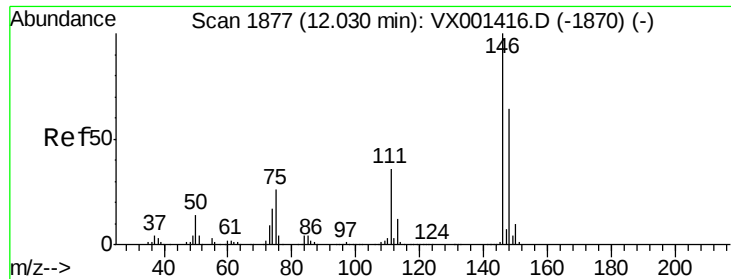
Tgt Ion:105 Resp: 350162
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.92 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion:119 Resp: 325163
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.8
 91 22.1 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 20.89 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

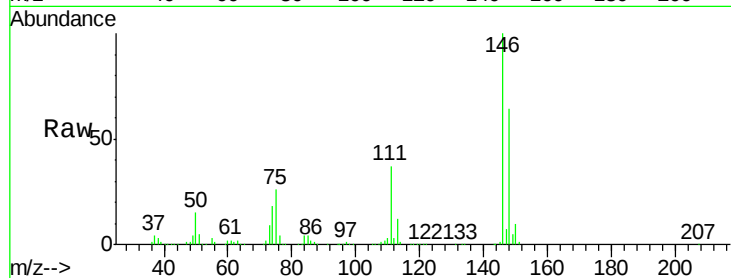
Tgt Ion:146 Resp: 176543

Ion Ratio Lower Upper

146 100

111 35.7 18.1 54.1

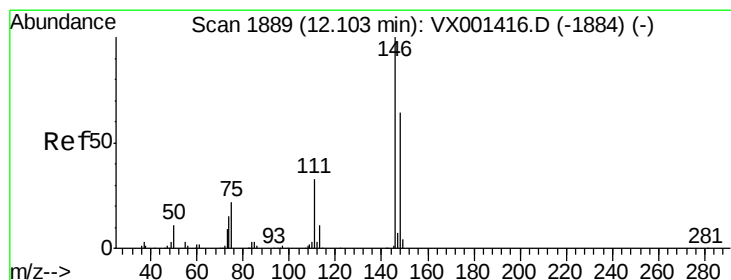
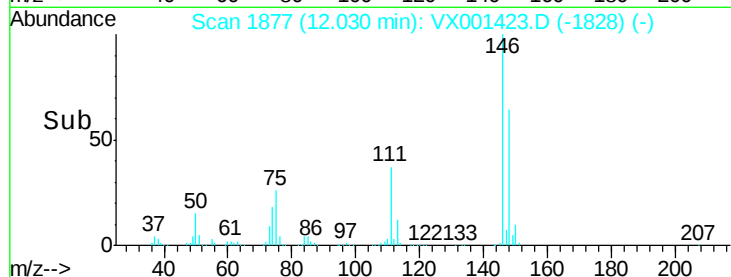
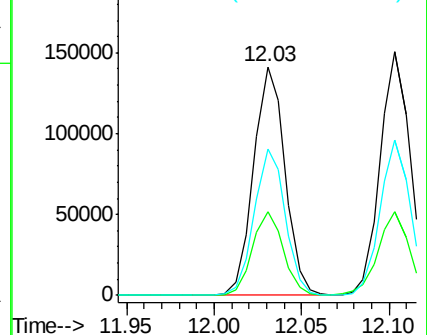
148 63.3 32.1 96.5



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: 20.95 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

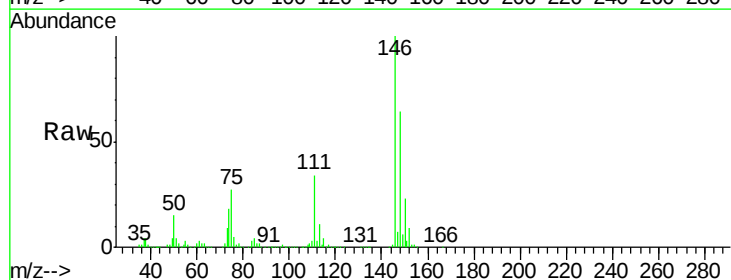
Tgt Ion:146 Resp: 180577

Ion Ratio Lower Upper

146 100

111 35.7 17.4 52.3

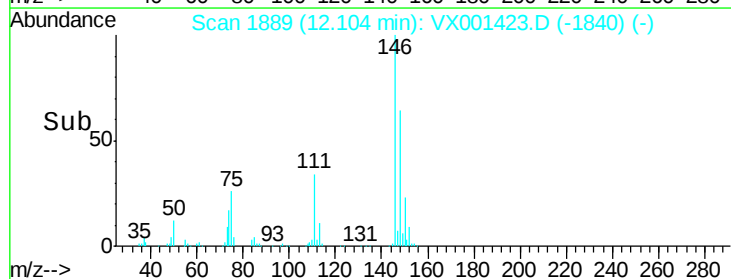
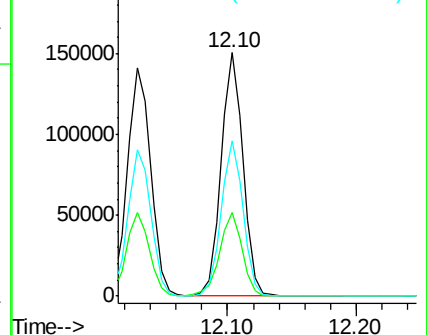
148 64.2 32.2 96.6

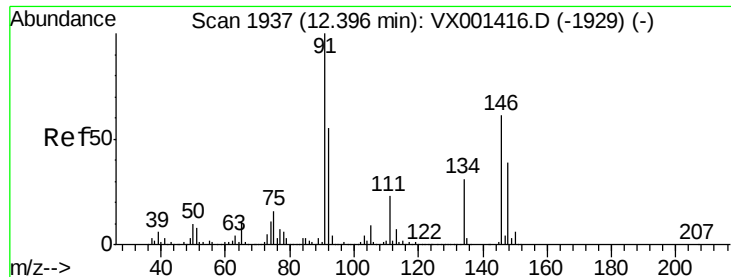


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.87 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

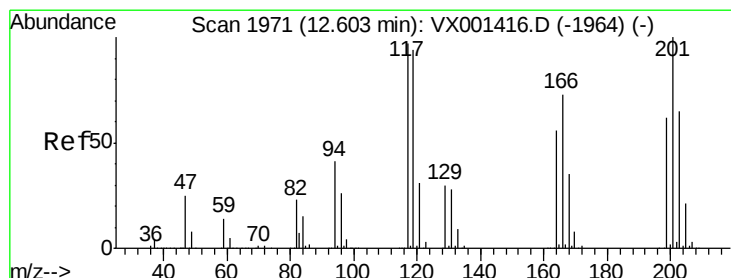
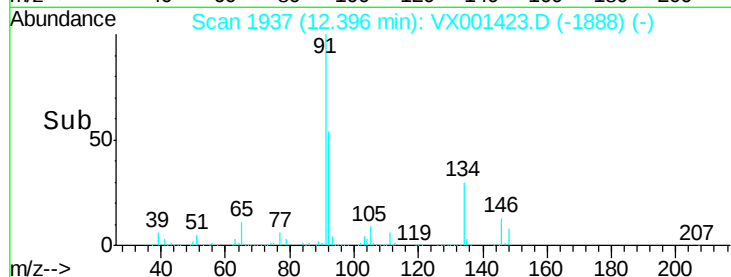
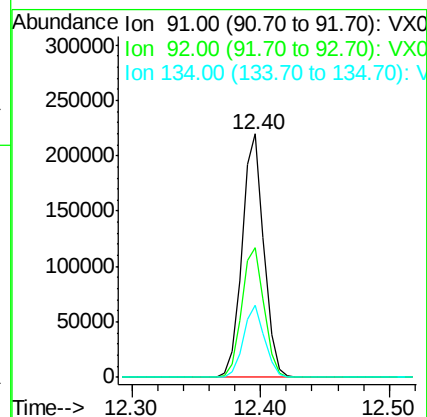
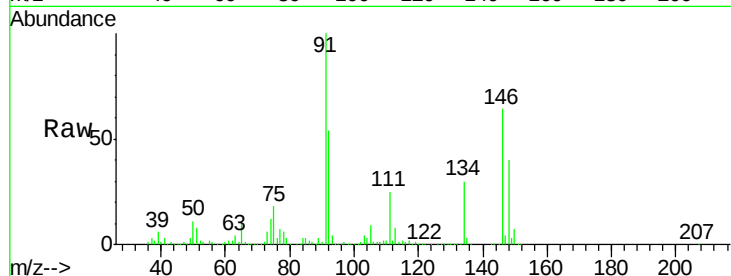
Tgt Ion: 91 Resp: 256474

Ion Ratio Lower Upper

91 100

92 55.1 27.2 81.5

134 28.6 14.6 44.0



#90

Hexachloroethane

Concen: 20.36 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001423.D

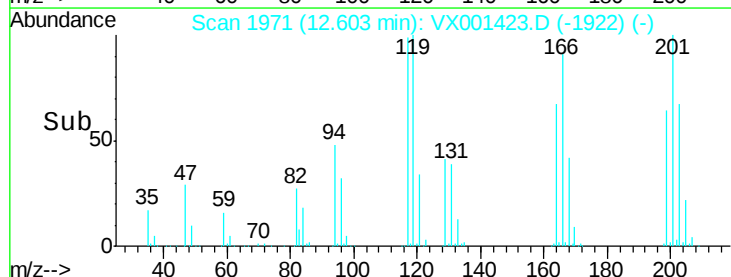
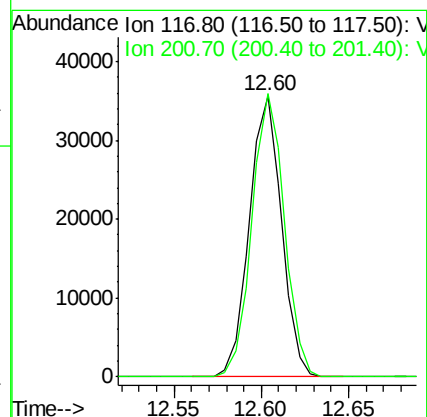
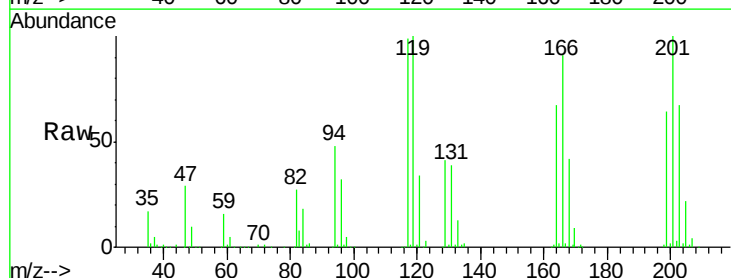
Acq: 05 May 2018 17:27

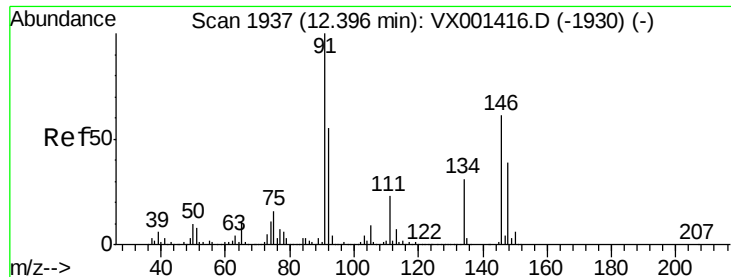
Tgt Ion: 117 Resp: 45469

Ion Ratio Lower Upper

117 100

201 101.5 51.5 154.5

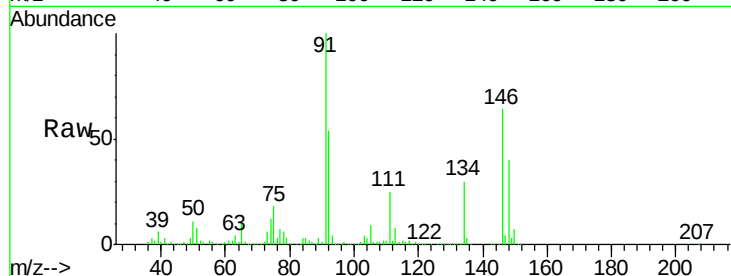




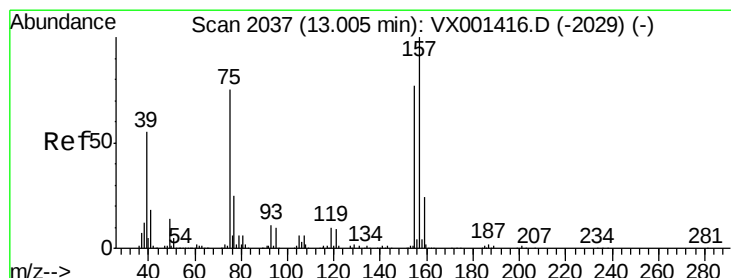
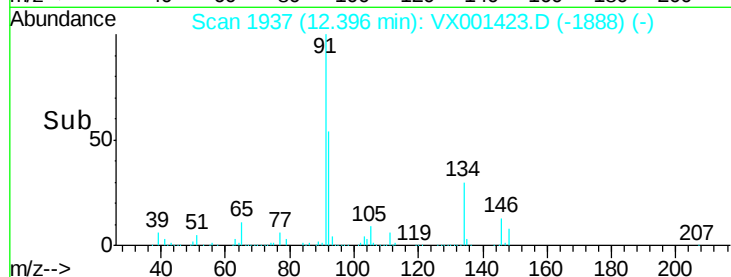
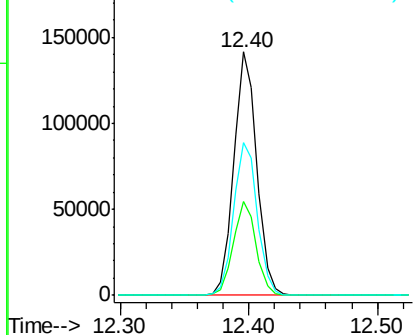
#91
 1,2-Dichlorobenzene
 Concen: 20.49 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Tgt Ion: 146 Resp: 176153
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 55.8
 148 64.6 32.1 96.5

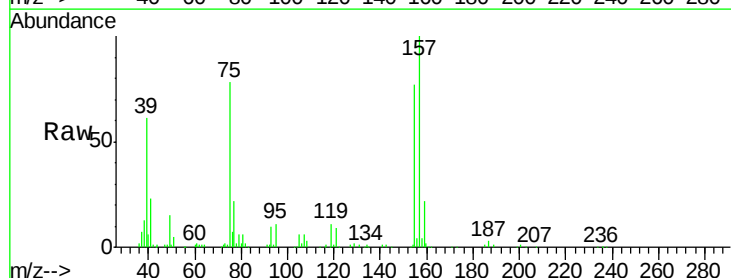


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

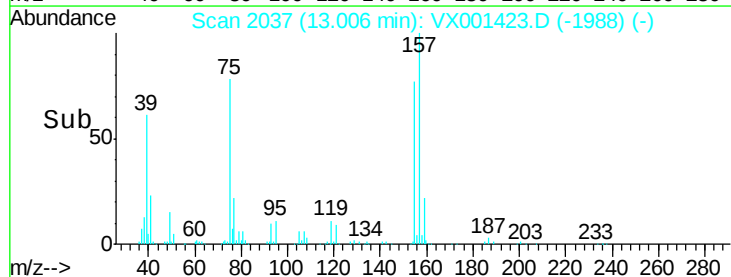
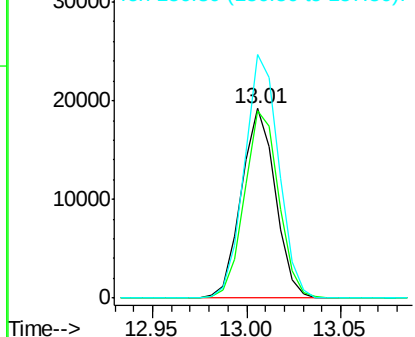


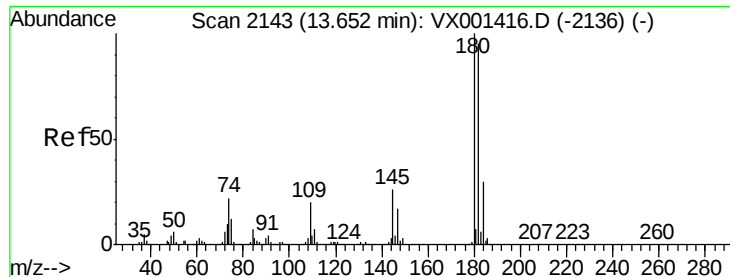
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.77 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion: 75 Resp: 24031
 Ion Ratio Lower Upper
 75 100
 155 99.6 53.4 160.2
 157 129.8 68.3 204.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

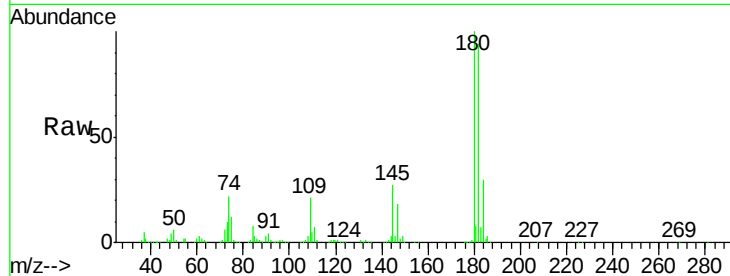




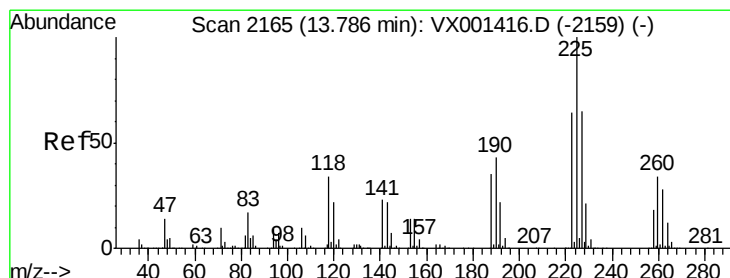
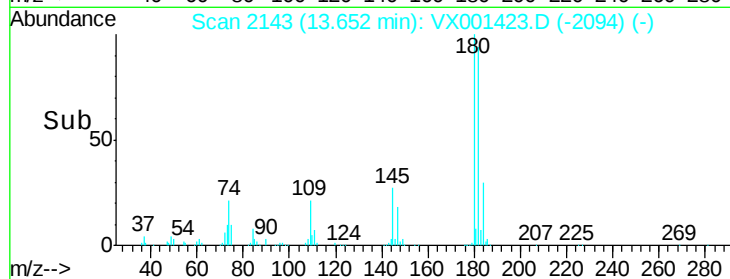
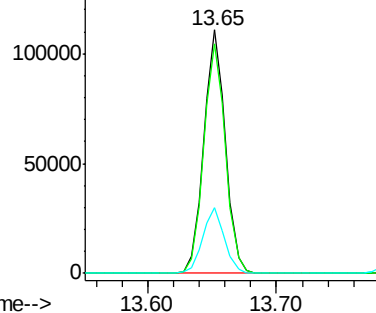
#93
 1,2,4-Trichlorobenzene
 Concen: 20.61 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX0505WBS01

Tgt Ion:180 Resp: 129638
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.4
 145 27.0 13.3 39.9

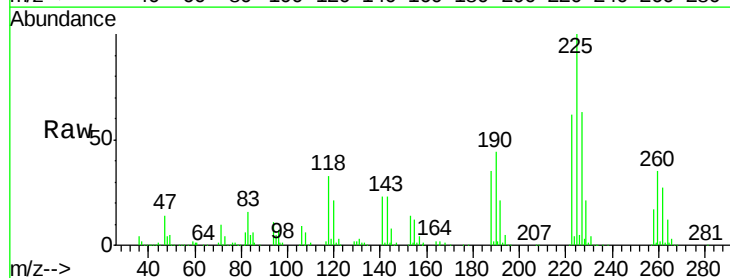


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

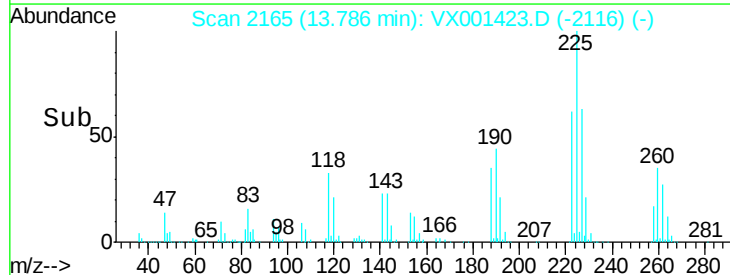
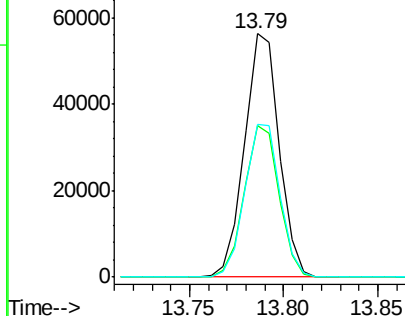


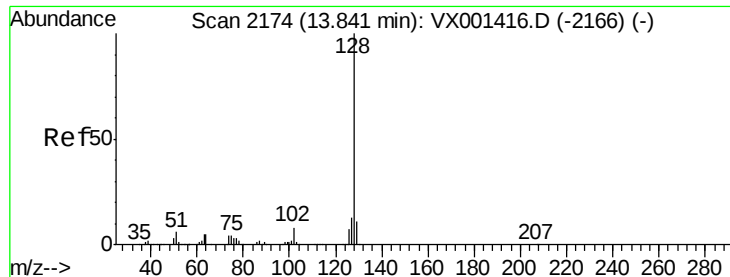
#94
 Hexachlorobutadiene
 Concen: 20.82 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion:225 Resp: 71677
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.9
 227 63.8 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: 21.67 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

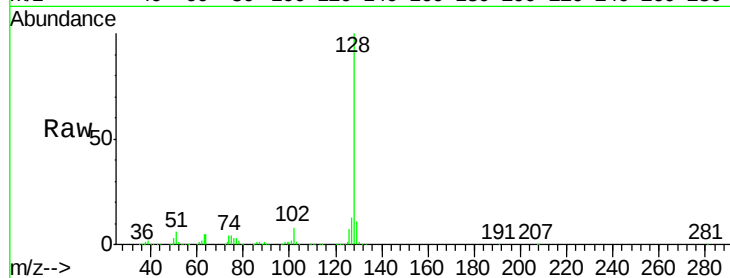
Tgt Ion:128 Resp: 376978

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

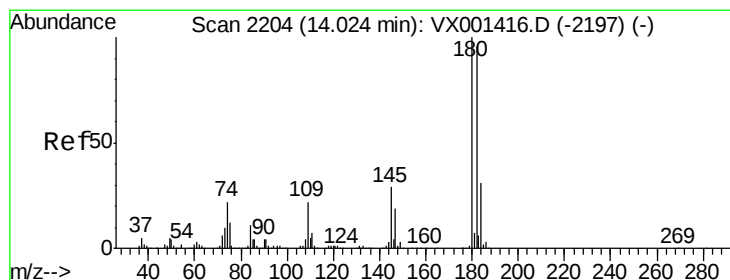
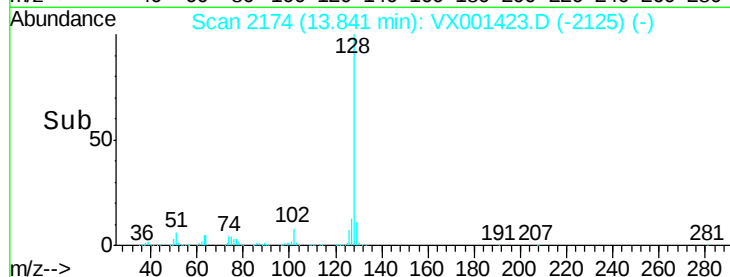
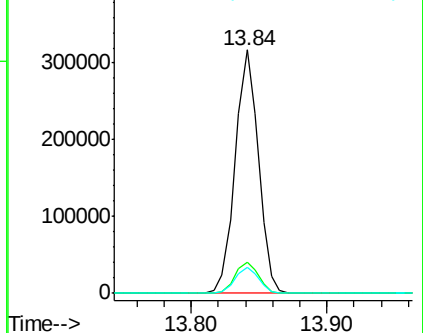
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.75 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

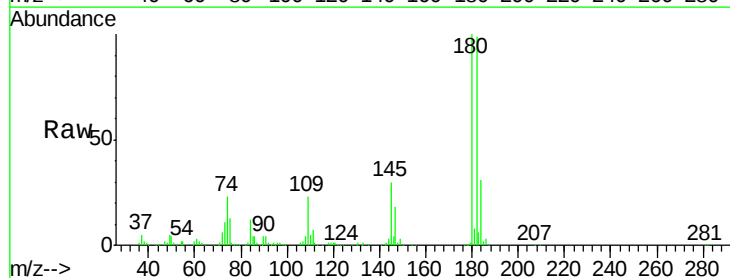
Tgt Ion:180 Resp: 133965

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.2

145 28.2 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

