

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005323.D
 Acq On : 13 Oct 2018 05:24
 Operator : JC/MD
 Sample : J5429-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Quant Time: Oct 15 00:50:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144541	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
35) Dibromofluoromethane	5.51	113	116207	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.72	98	438503	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.14	95	161398	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99625	51.771	ug/l	98
3) Chloromethane	1.32	50	141545	50.763	ug/l	100
4) Vinyl Chloride	1.41	62	145881	51.646	ug/l	99
5) Bromomethane	1.64	94	81656	51.172	ug/l	99
6) Chloroethane	1.71	64	92587	56.157	ug/l	100
7) Trichlorofluoromethane	1.93	101	201770	53.528	ug/l	95
8) Diethyl Ether	2.19	74	84781	52.670	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111385	51.197	ug/l	97
10) Methyl Iodide	2.51	142	140703	58.534	ug/l	98
11) Tert butyl alcohol	3.08	59	188286	244.359	ug/l	100
12) 1,1-Dichloroethene	2.37	96	112388	52.138	ug/l	95
13) Acrolein	2.30	56	110845	225.222	ug/l	96
14) Allyl chloride	2.73	41	240140	50.741	ug/l	95
15) Acrylonitrile	3.15	53	453415	259.676	ug/l	98
16) Acetone	2.45	43	410557	259.953	ug/l	96
17) Carbon Disulfide	2.57	76	335641	51.400	ug/l	99
18) Methyl Acetate	2.78	43	308384	68.633	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	415194	54.689	ug/l	97
20) Methylene Chloride	2.86	84	133672	58.304	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	123169	51.559	ug/l	97
22) Diisopropyl ether	3.87	45	399504	50.258	ug/l	95
23) Vinyl Acetate	3.82	43	1434924	206.529	ug/l	96
24) 1,1-Dichloroethane	3.70	63	243240	53.392	ug/l	98
25) 2-Butanone	4.70	43	580659	251.283	ug/l	95
26) 2,2-Dichloropropane	4.59	77	106854	31.361	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	133621	51.468	ug/l	99
28) Bromochloromethane	5.02	49	106248	51.159	ug/l	95
29) Tetrahydrofuran	5.15	42	374521	254.088	ug/l	94
30) Chloroform	5.21	83	220863	52.231	ug/l	96
31) Cyclohexane	5.57	56	190062	50.617	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	191365	52.010	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160649	45.186	ug/l	99
37) Ethyl Acetate	4.86	43	173924	38.039	ug/l	98
38) Carbon Tetrachloride	5.78	117	171867	48.111	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180453	46.897	ug/l	96
40) Benzene	6.14	78	497137	46.613	ug/l	99
41) Methacrylonitrile	5.06	41	118893	48.504	ug/l	96
42) 1,2-Dichloroethane	6.20	62	178834	47.488	ug/l	97
43) Isopropyl Acetate	6.46	43	275217	45.187	ug/l	97
44) Trichloroethene	7.21	130	134786	49.490	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131946	50.435	ug/l	97
46) Dibromomethane	7.66	93	85946	49.775	ug/l	98
47) Bromodichloromethane	7.90	83	166915	52.261	ug/l	98
48) Methyl methacrylate	7.77	41	165044	52.248	ug/l	94
49) 1,4-Dioxane	7.75	88	65545	899.612	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1122660	266.209	ug/l	94
52) Toluene	8.79	92	314267	53.861	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	173847	50.297	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	182674	48.776	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	130461	52.789	ug/l	99
56) Ethyl methacrylate	9.18	69	199936	55.495	ug/l	96
57) 1,3-Dichloropropane	9.37	76	215968	52.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.28	63	1662	0.823	ug/l #	45
59) 2-Hexanone	9.50	43	889938	262.337	ug/l	94
60) Dibromochloromethane	9.59	129	139192	54.487	ug/l	100
61) 1,2-Dibromoethane	9.67	107	135502	52.244	ug/l	99
64) Tetrachloroethene	9.34	164	129305	46.242	ug/l	98
65) Chlorobenzene	10.14	112	357056	48.327	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	131157	49.815	ug/l	98
67) Ethyl Benzene	10.25	91	604351	50.317	ug/l	96
68) m/p-Xylenes	10.36	106	471098	101.054	ug/l	95
69) o-Xylene	10.70	106	226830	50.451	ug/l	97
70) Styrene	10.71	104	385070	52.071	ug/l	97
71) Bromoform	10.86	173	116774	49.631	ug/l #	99
73) Isopropylbenzene	11.02	105	613232	51.770	ug/l	99
74) N-amyl acetate	10.90	43	238418	41.731	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	215586	48.247	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	243130	62.905	ug/l	87
77) Bromobenzene	11.26	156	168308	49.694	ug/l	100
78) n-propylbenzene	11.36	91	699729	51.334	ug/l	100
79) 2-Chlorotoluene	11.42	91	419463	50.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	520674	51.330	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	54107	42.536	ug/l	98
82) 4-Chlorotoluene	11.51	91	496150	50.137	ug/l	100
83) tert-Butylbenzene	11.77	119	532775	51.867	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	543126	52.030	ug/l	98
85) sec-Butylbenzene	11.94	105	622332	51.195	ug/l	99
86) p-Isopropyltoluene	12.07	119	561827	51.135	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	306900	48.493	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	313198	48.375	ug/l	99
89) n-Butylbenzene	12.39	91	480997	48.216	ug/l	98
90) Hexachloroethane	12.60	117	94589	49.954	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	313507	48.543	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52665	48.318	ug/l	99

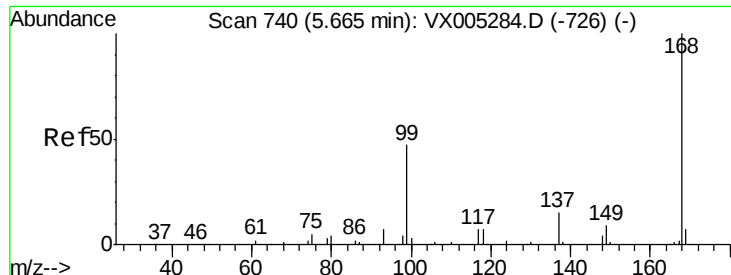
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QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	235765	49.757	ug/l	99
94) Hexachlorobutadiene	13.79	225	116295	46.471	ug/l	96
95) Naphthalene	13.83	128	745297	54.236	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	244313	50.392	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

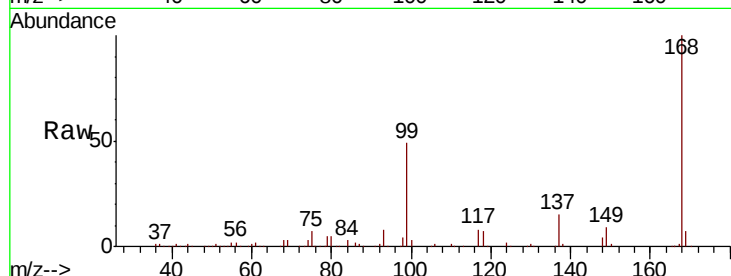
FA18-MMW3414MS

Tot Ion:168 Resp: 246120

Ion Ratio Lower Upper

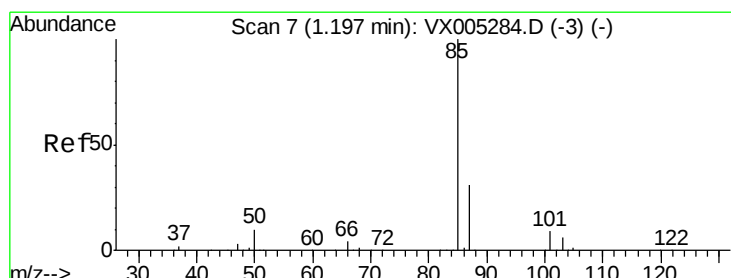
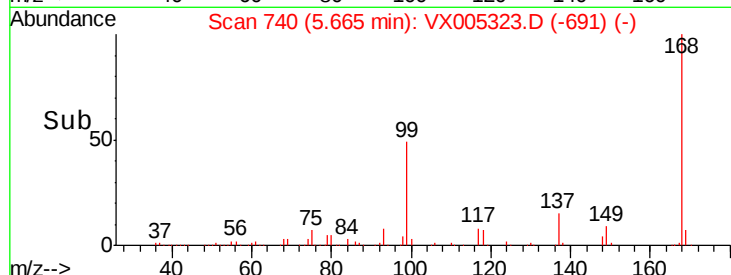
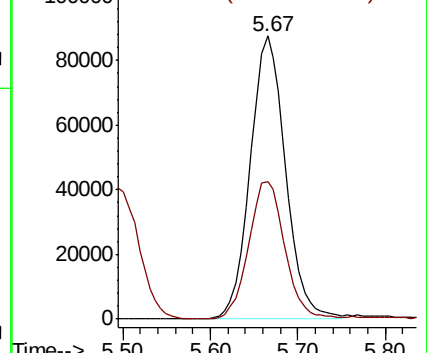
168 100

99 48.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.771 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005323.D

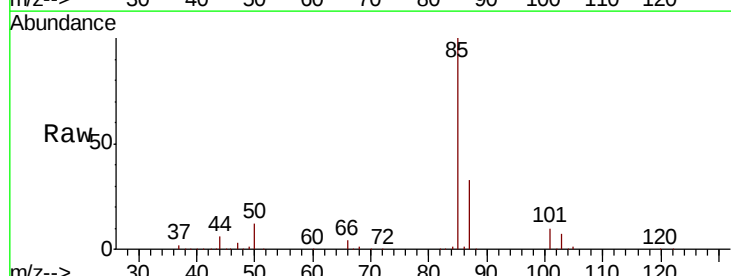
Acq: 13 Oct 2018 05:24

Tgt Ion: 85 Resp: 99625

Ion Ratio Lower Upper

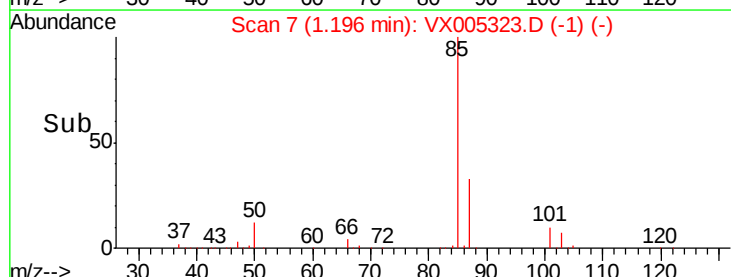
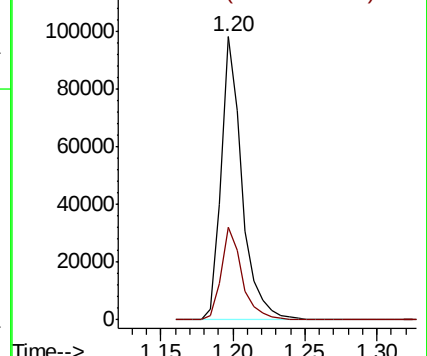
85 100

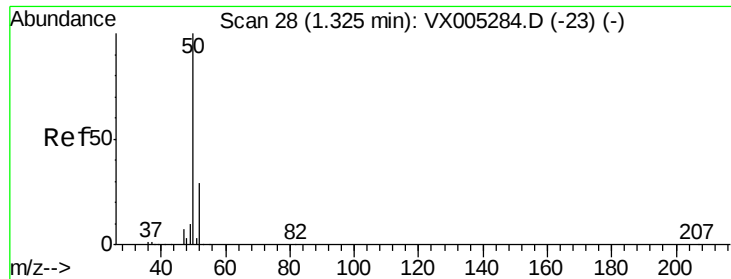
87 32.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.763 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

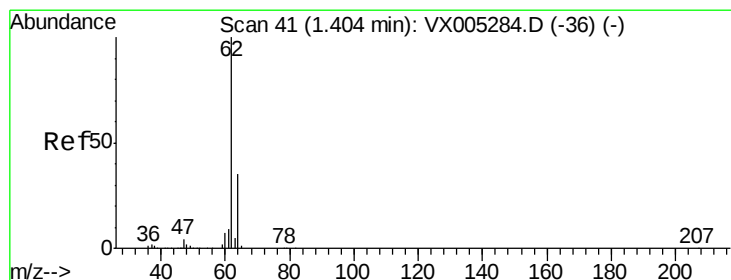
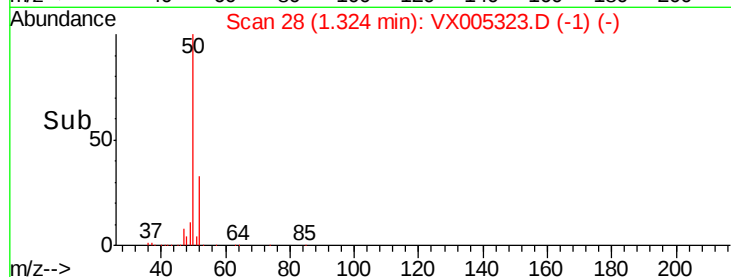
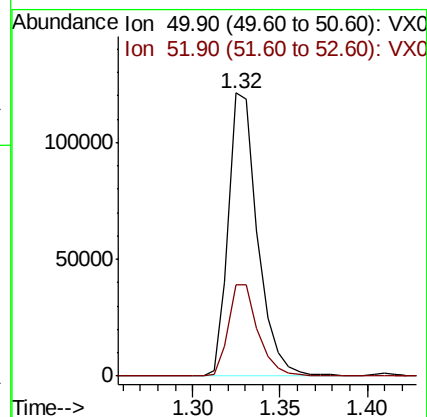
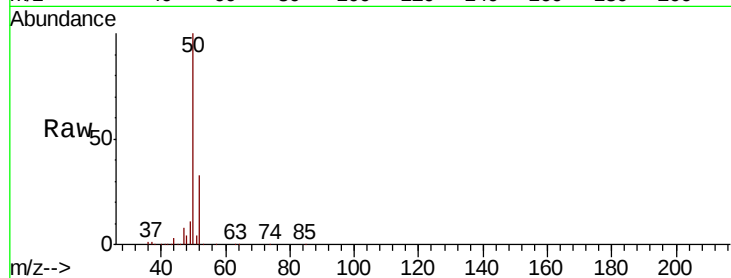
FA18-MMW3414MS

Tot Ion: 50 Resp: 141545

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 51.646 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005323.D

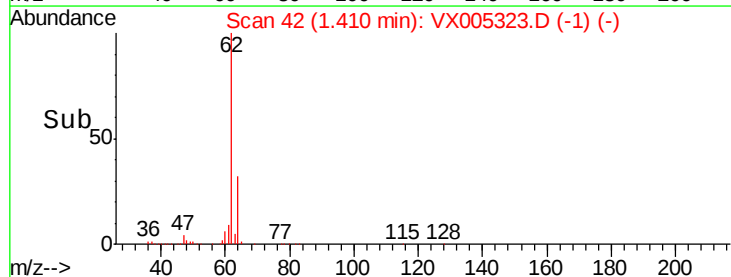
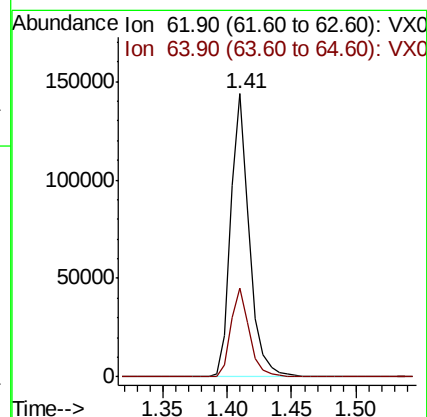
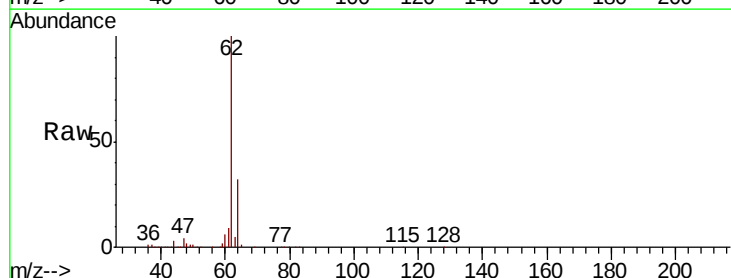
Acq: 13 Oct 2018 05:24

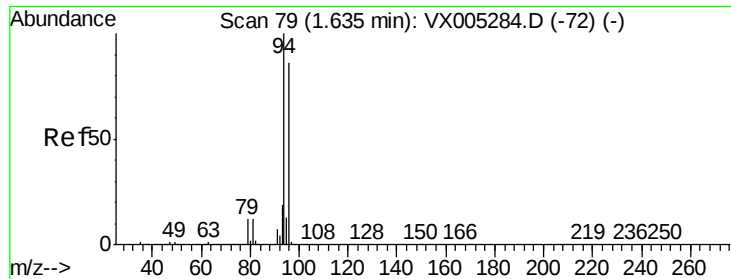
Tgt Ion: 62 Resp: 145881

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 51.172 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

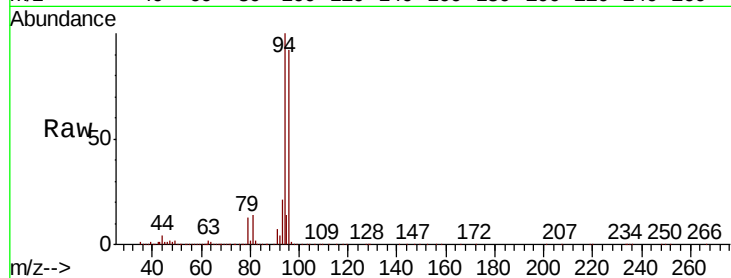
FA18-MMW3414MS

Tot Ion: 94 Resp: 81656

Ion Ratio Lower Upper

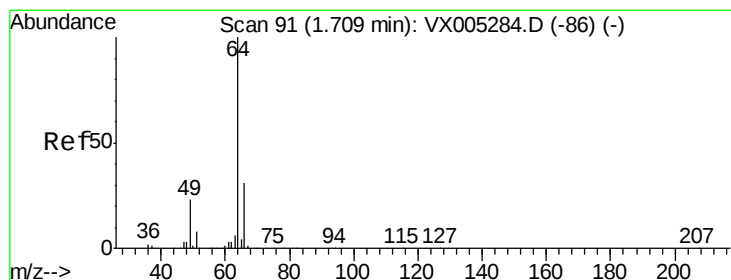
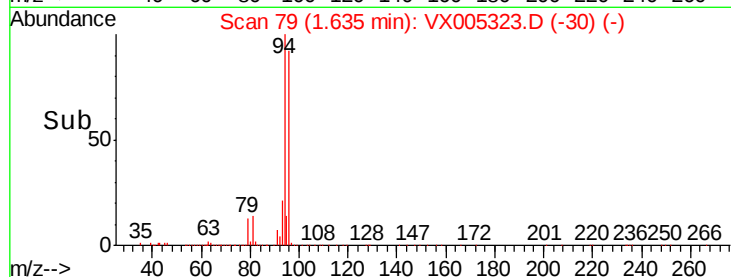
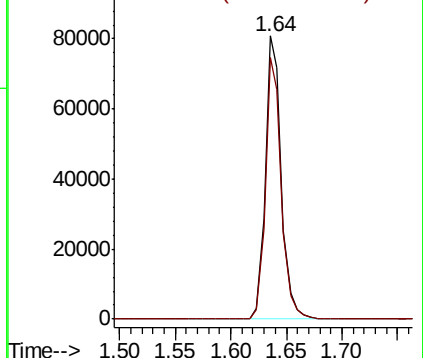
94 100

96 92.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.157 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005323.D

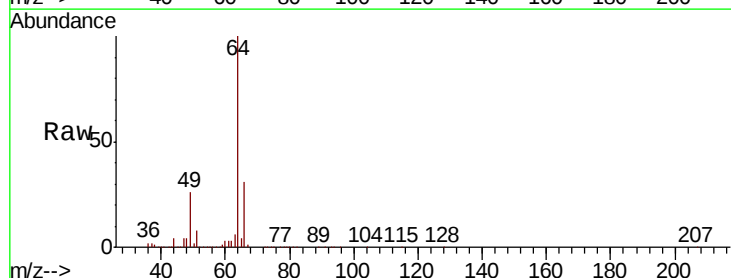
Acq: 13 Oct 2018 05:24

Tgt Ion: 64 Resp: 92587

Ion Ratio Lower Upper

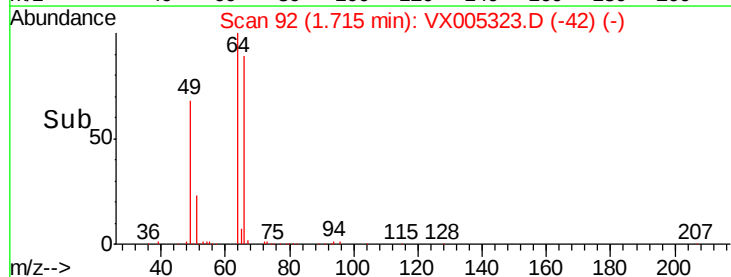
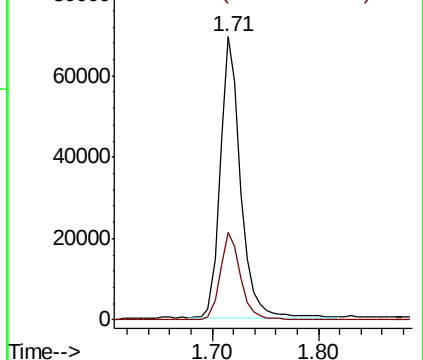
64 100

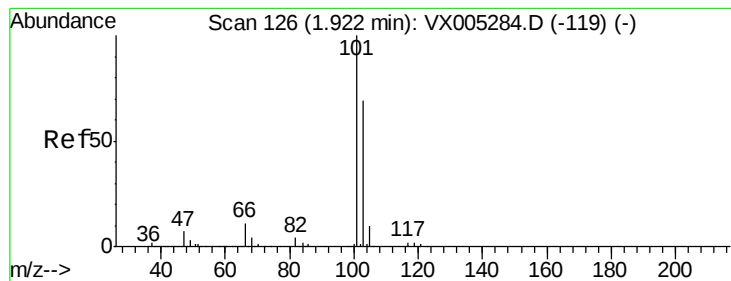
66 30.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



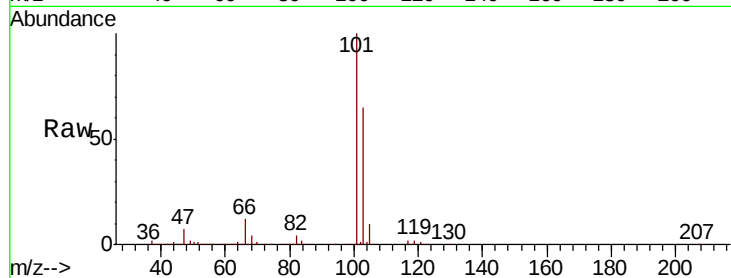


#7

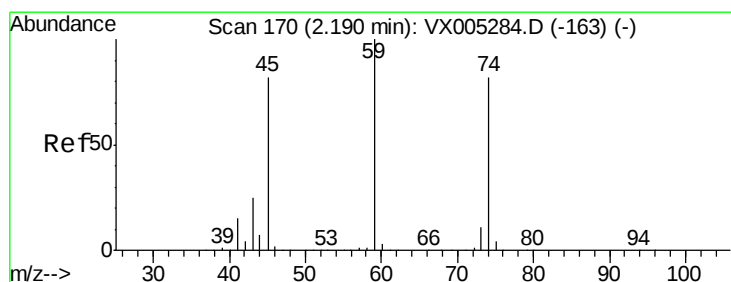
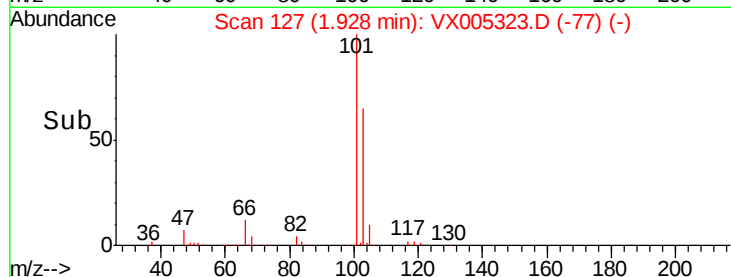
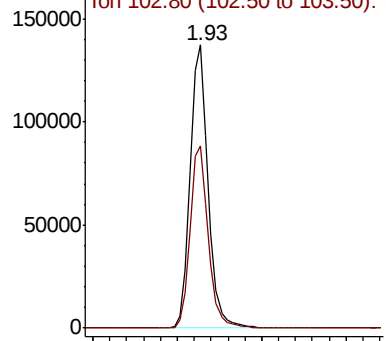
Trichlorofluoromethane
Concen: 53.528 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tot Ion:101 Resp: 201770
Ion Ratio Lower Upper
101 100
103 64.6 48.9 73.3



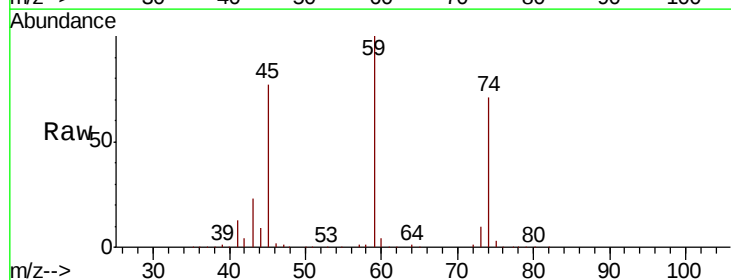
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



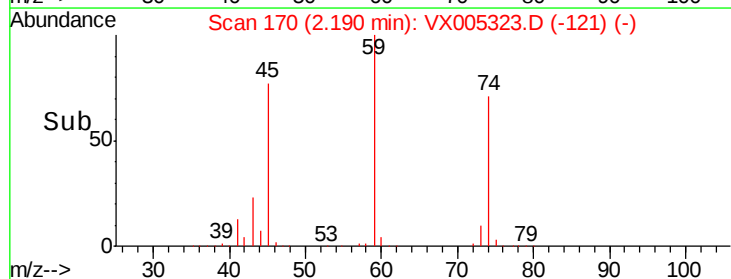
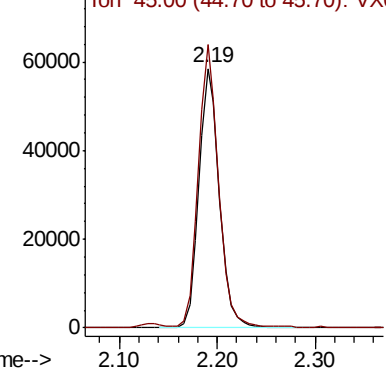
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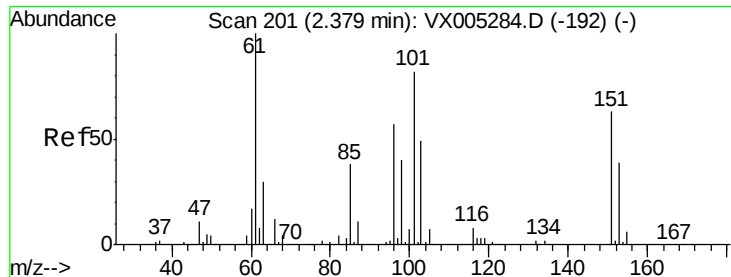
Diethyl Ether
Concen: 52.670 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 74 Resp: 84781
Ion Ratio Lower Upper
74 100
45 107.3 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.197 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

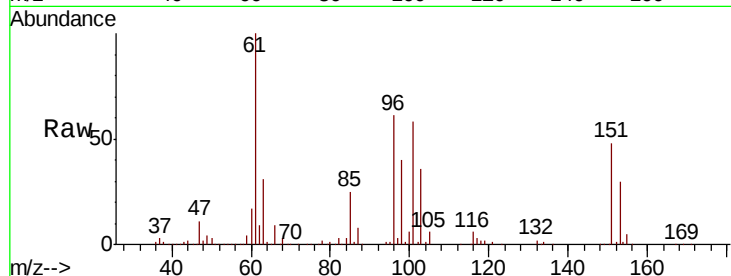
Tot Ion:101 Resp: 111385

Ion Ratio Lower Upper

101 100

85 43.7 34.2 51.4

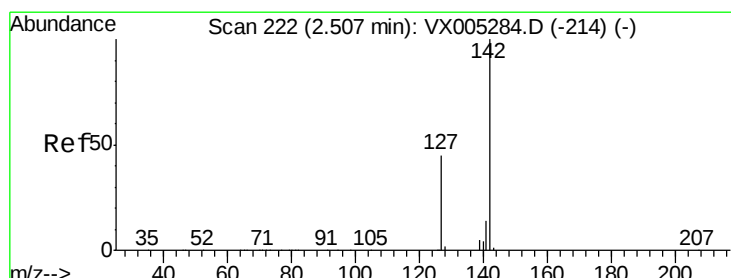
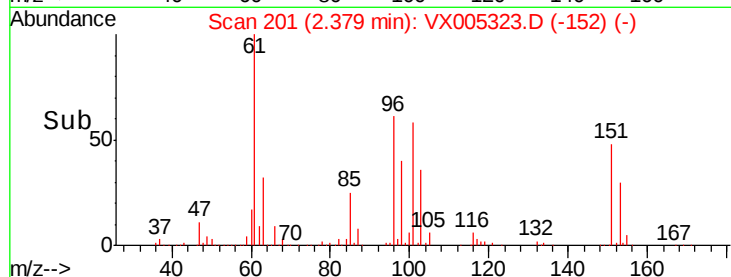
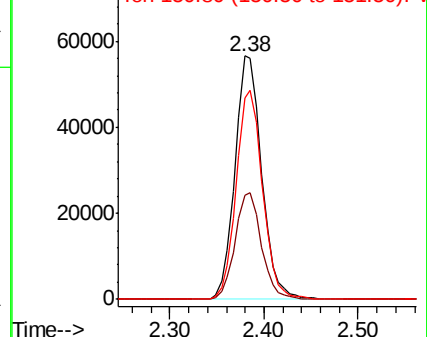
151 85.1 65.0 97.6



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: 58.534 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

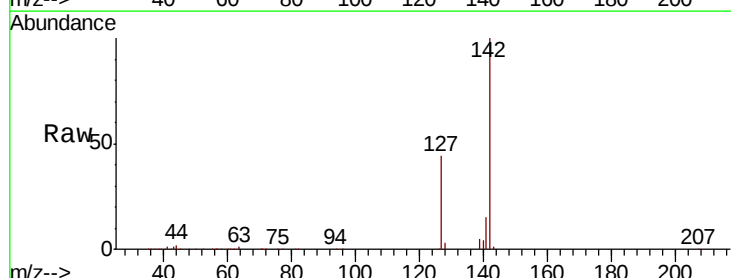
Tgt Ion:142 Resp: 140703

Ion Ratio Lower Upper

142 100

127 44.1 33.8 50.6

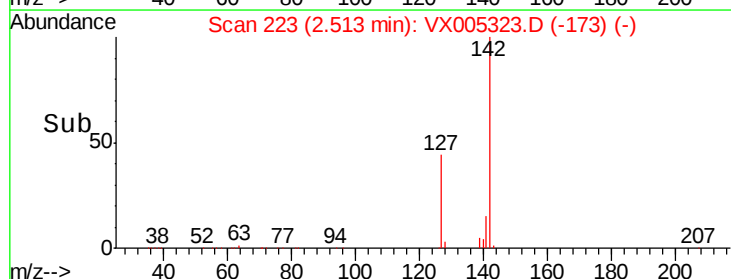
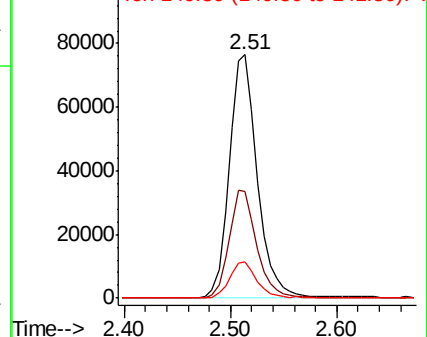
141 14.5 11.4 17.0

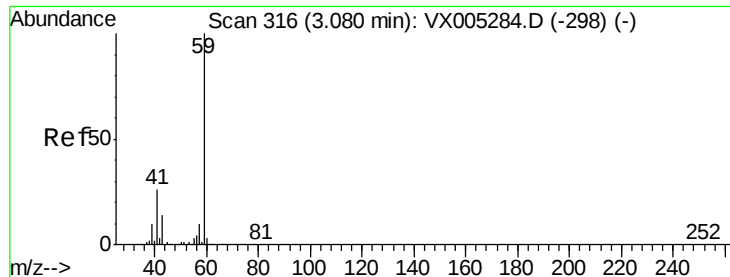


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



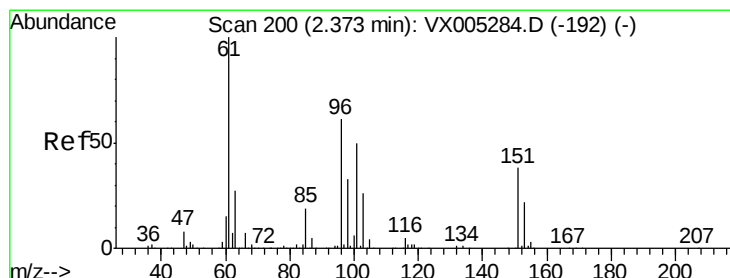
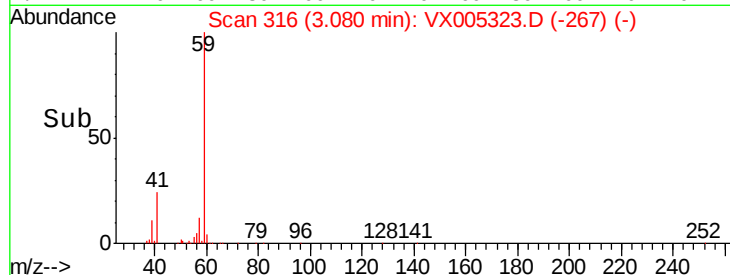
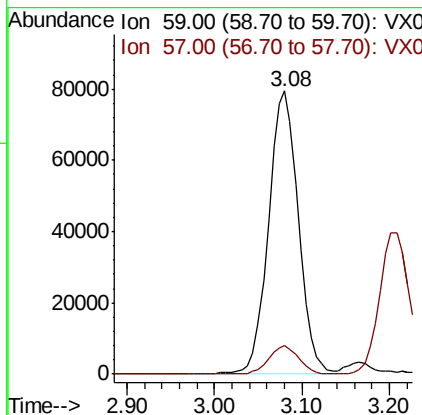
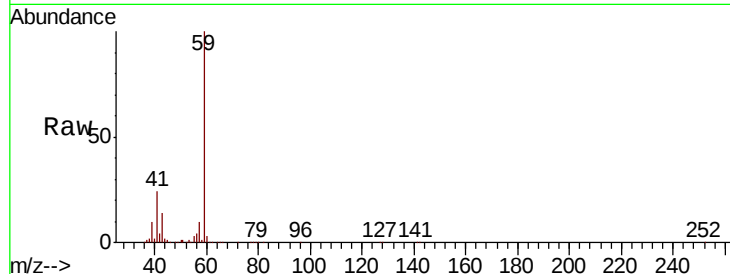


#11

Tert butyl alcohol
 Concen: 244.359 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

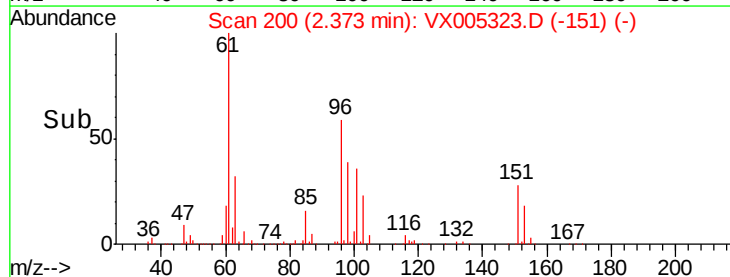
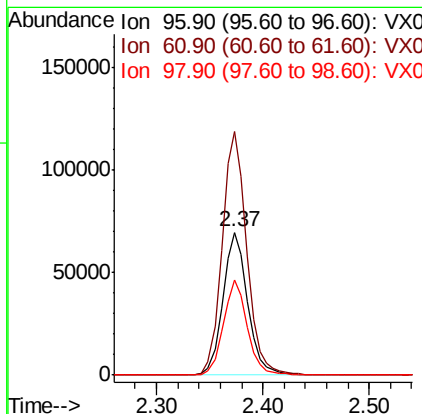
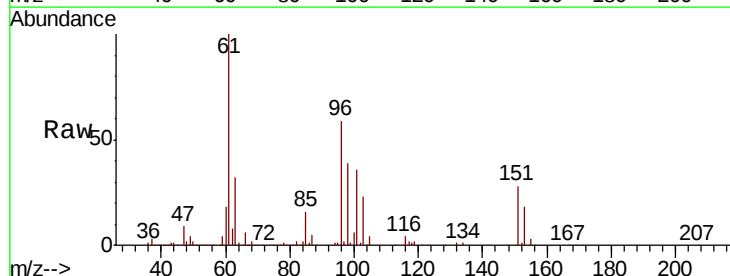
Tot Ion: 59 Resp: 188286
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

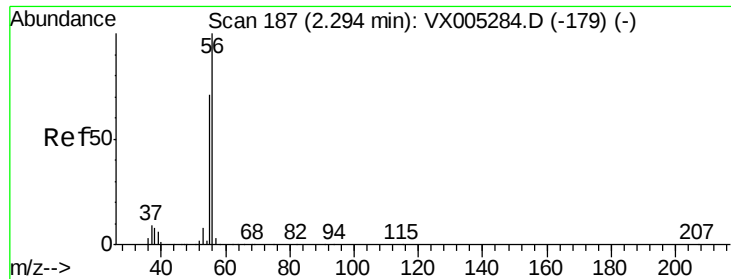


#12

1,1-Dichloroethene
 Concen: 52.138 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion: 96 Resp: 112388
 Ion Ratio Lower Upper
 96 100
 61 170.3 128.8 193.2
 98 66.1 52.2 78.2

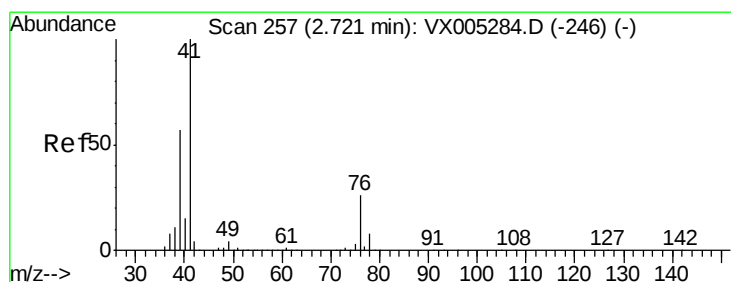
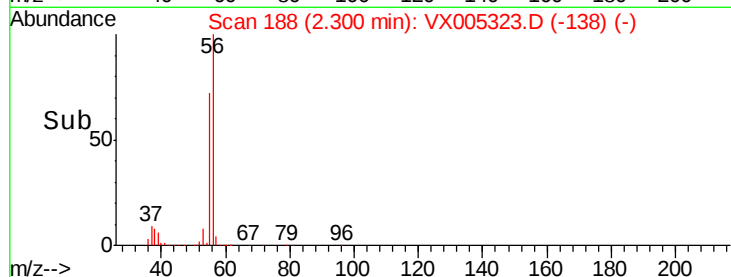
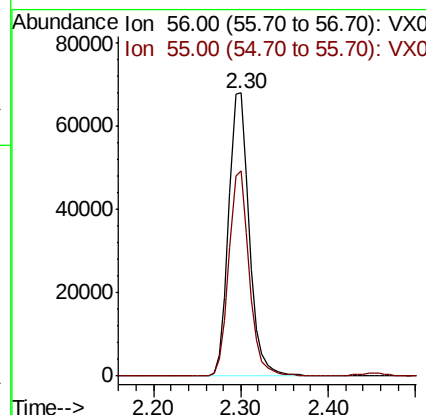
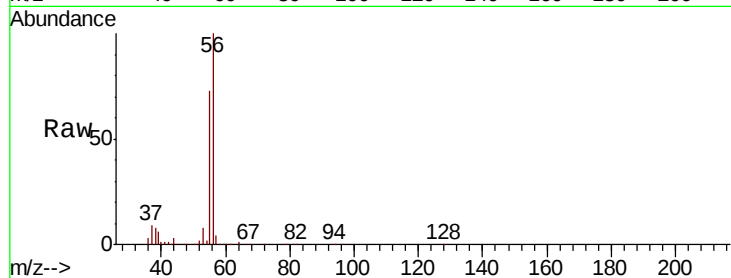




#13
Acrolein
Concen: 225.222 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

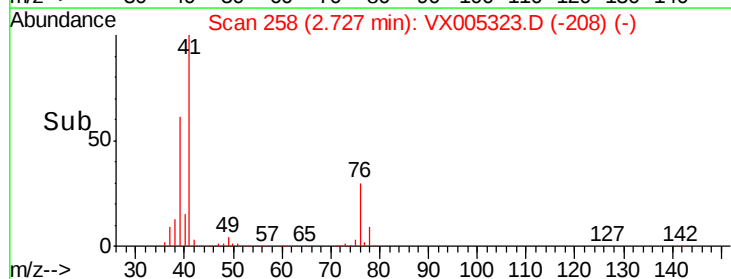
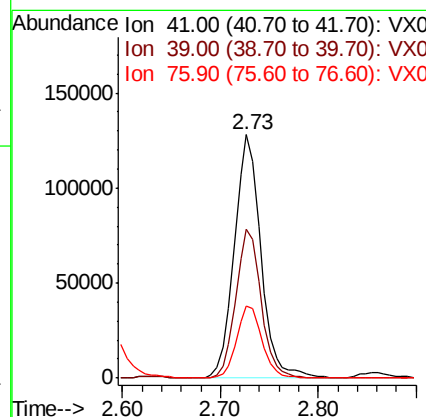
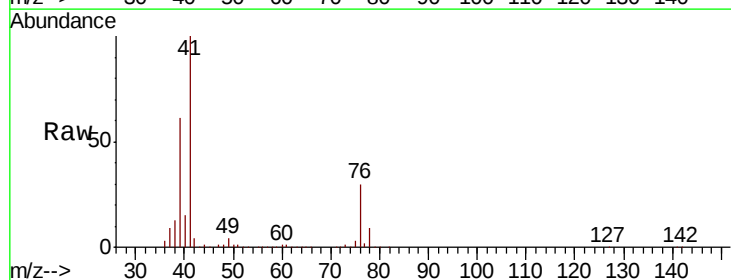
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

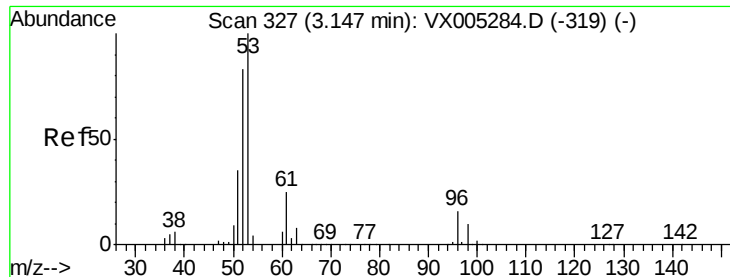
Tot Ion: 56 Resp: 110845
Ion Ratio Lower Upper
56 100
55 71.9 54.7 82.1



#14
Allyl chloride
Concen: 50.741 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 41 Resp: 240140
Ion Ratio Lower Upper
41 100
39 58.6 48.9 73.3
76 28.7 26.7 40.1





#15

Acrylonitrile

Concen: 259.676 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

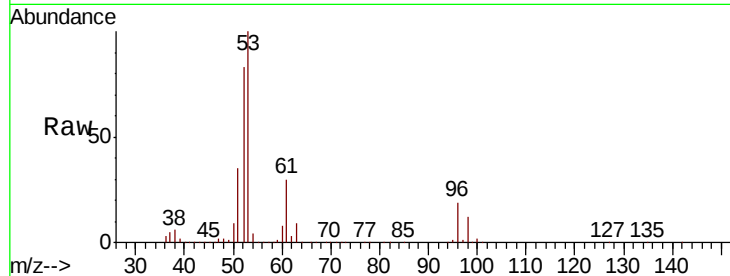
Tot Ion: 53 Resp: 453415

Ion Ratio Lower Upper

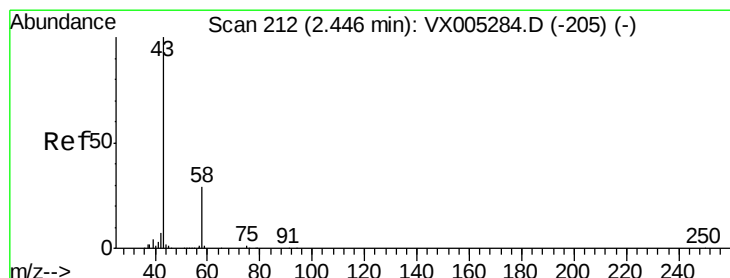
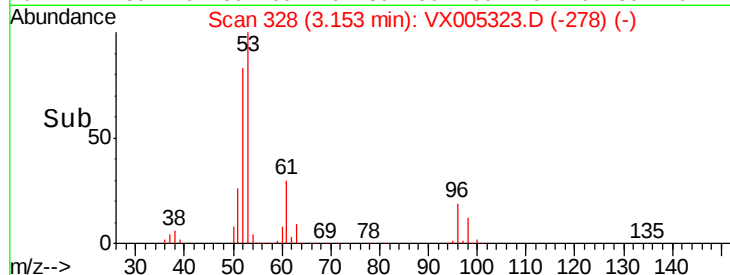
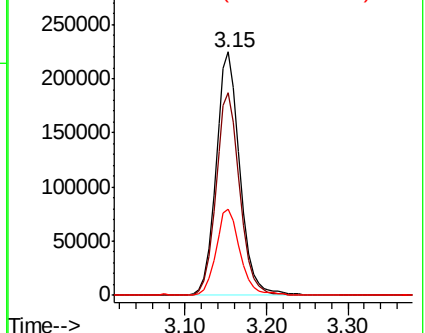
53 100

52 83.0 65.2 97.8

51 35.9 28.2 42.2



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: 259.953 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005323.D

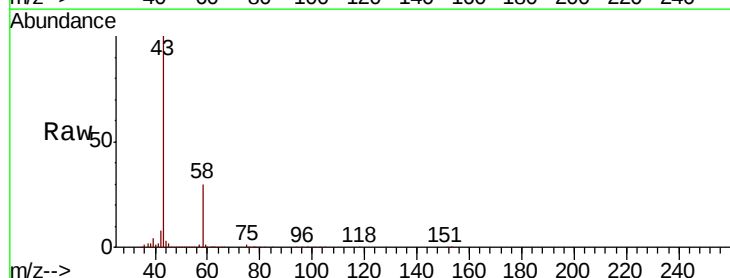
Acq: 13 Oct 2018 05:24

Tgt Ion: 43 Resp: 410557

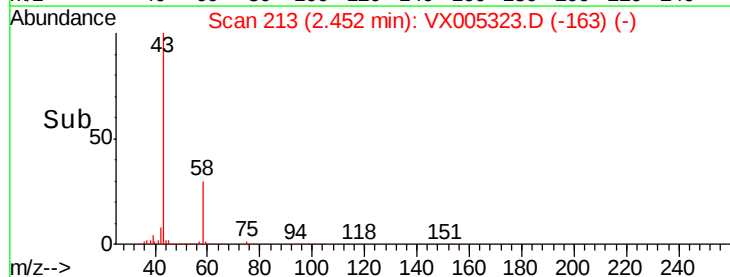
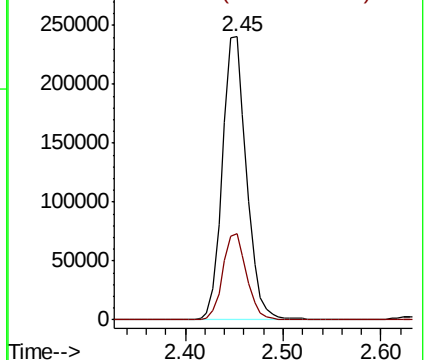
Ion Ratio Lower Upper

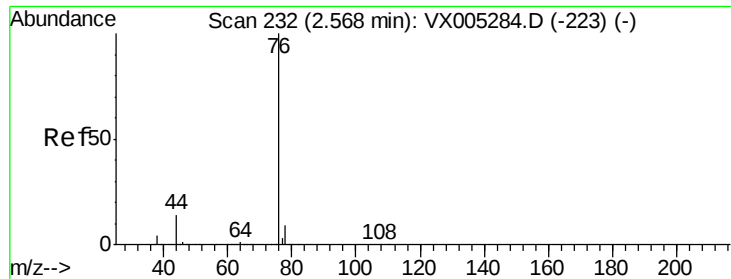
43 100

58 30.5 26.2 39.4



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

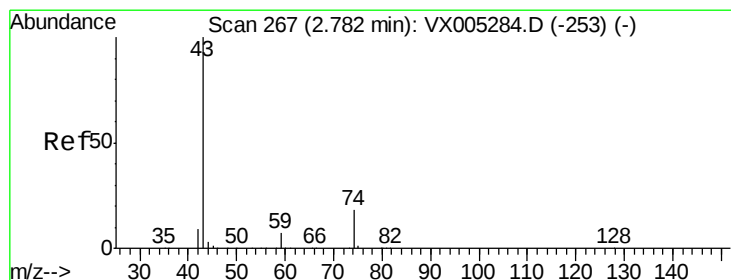
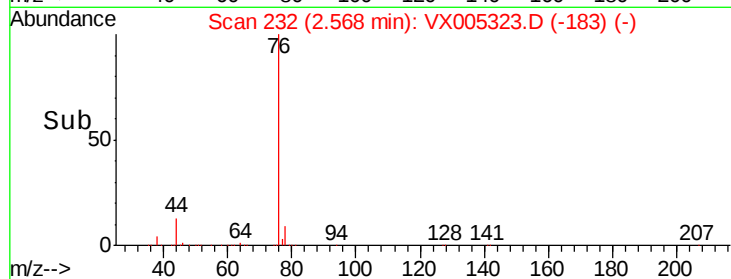
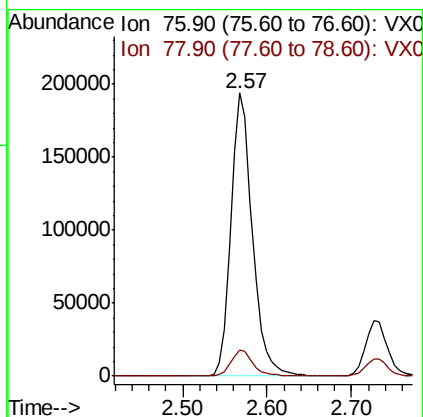
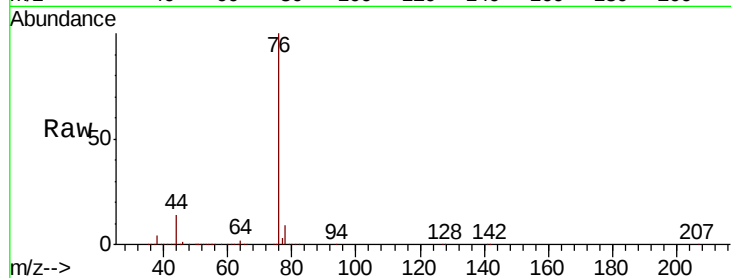




#17
Carbon Disulfide
Concen: 51.400 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

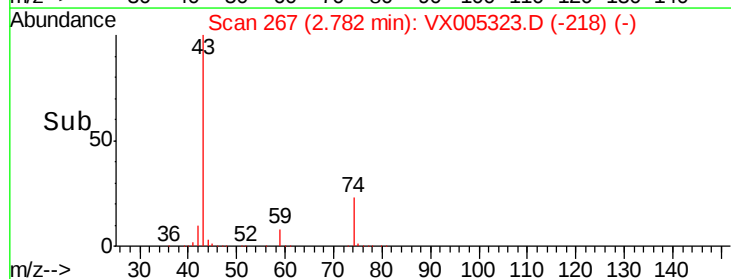
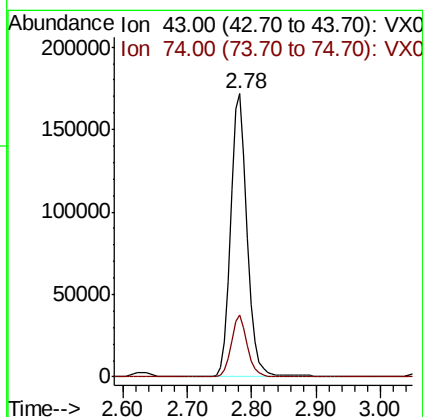
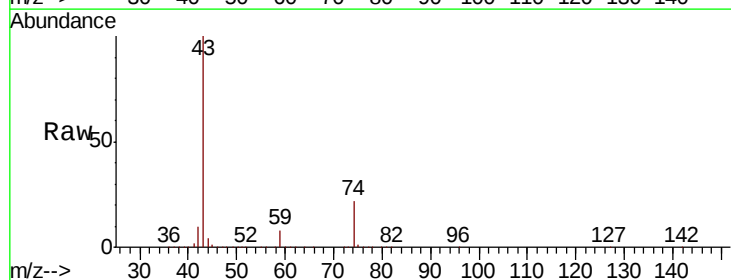
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

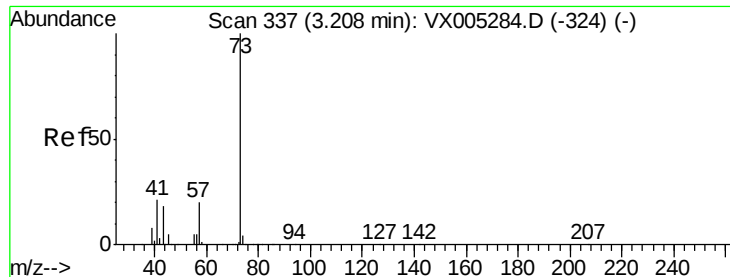
Tot Ion: 76 Resp: 335641
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 68.633 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 43 Resp: 308384
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.2



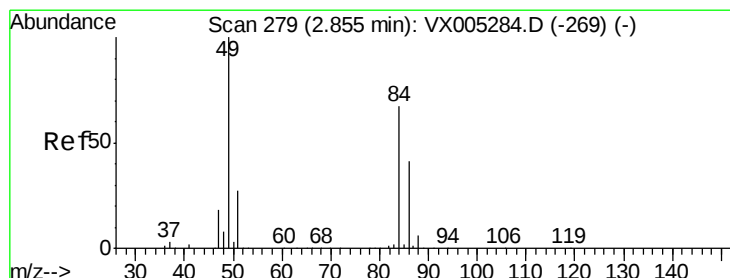
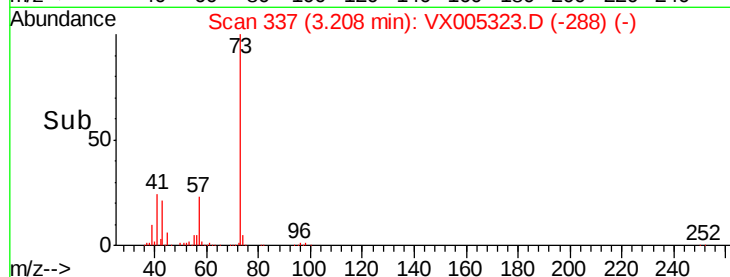
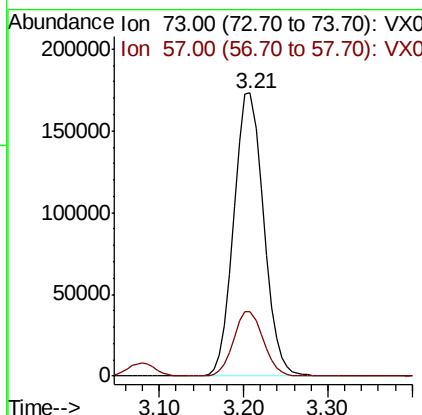
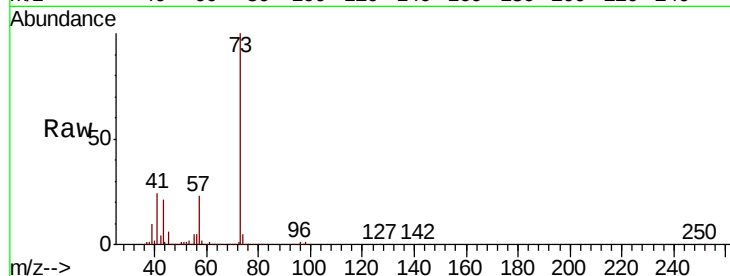


#19

Methyl tert-butyl Ether
 Concen: 54.689 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

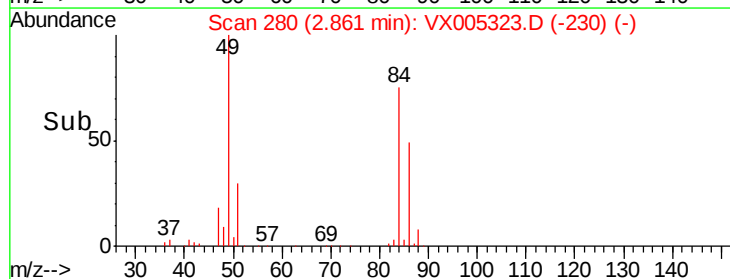
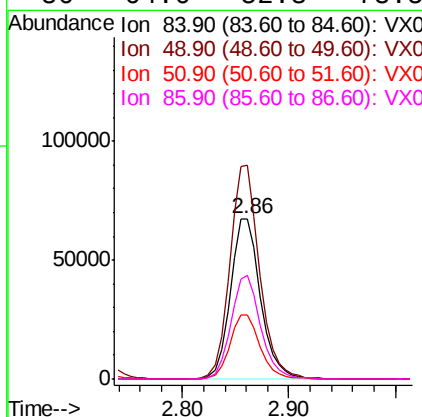
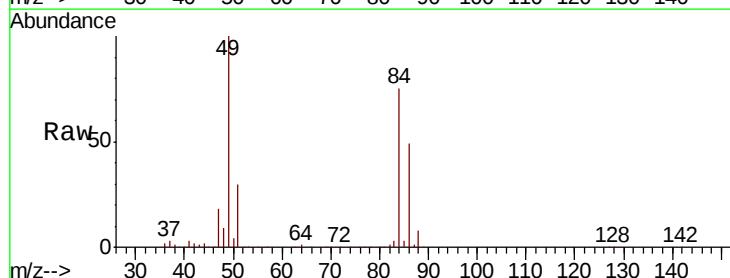
Tot Ion: 73 Resp: 415194
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.1 25.7

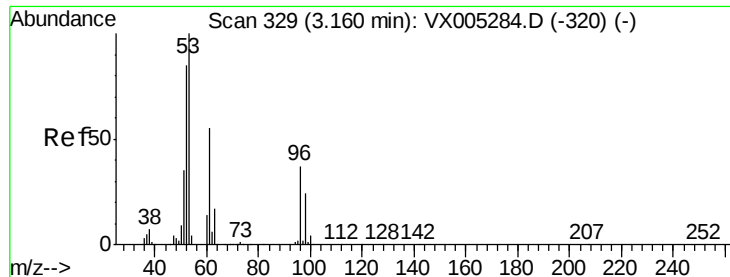


#20

Methylene Chloride
 Concen: 58.304 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion: 84 Resp: 133672
 Ion Ratio Lower Upper
 84 100
 49 132.9 101.2 151.8
 51 39.8 29.5 44.3
 86 64.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 51.559 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

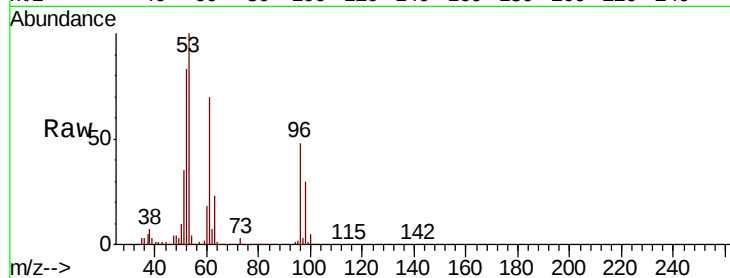
Tot Ion: 96 Resp: 123169

Ion Ratio Lower Upper

96 100

61 146.4 113.8 170.6

98 63.7 51.8 77.8

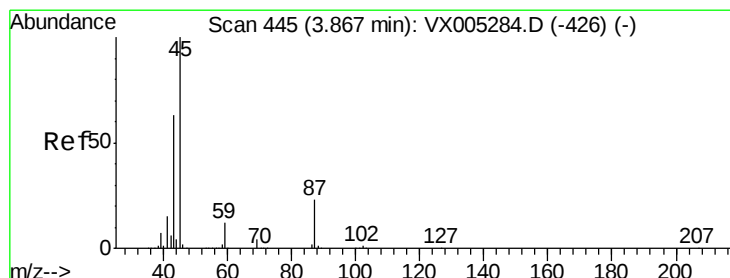
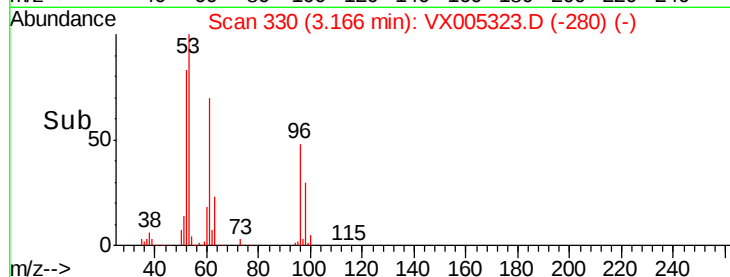
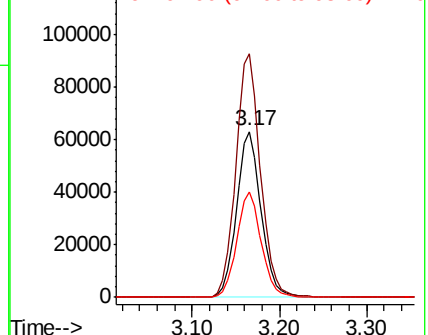


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.258 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Tgt Ion: 45 Resp: 399504

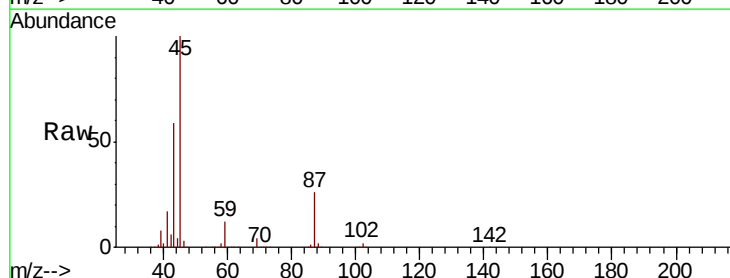
Ion Ratio Lower Upper

45 100

43 58.5 42.8 64.2

87 26.3 22.6 34.0

59 11.6 9.6 14.4



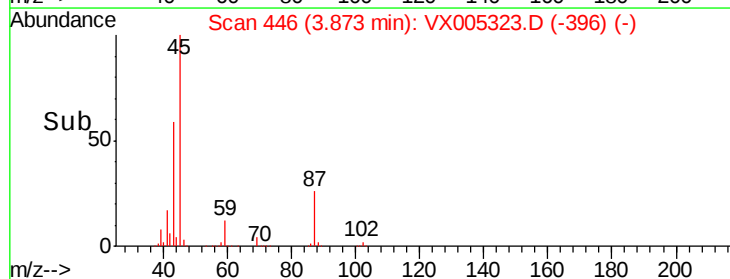
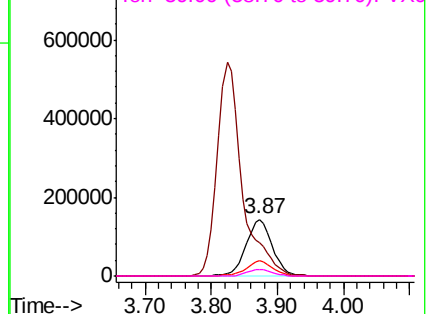
Abundance

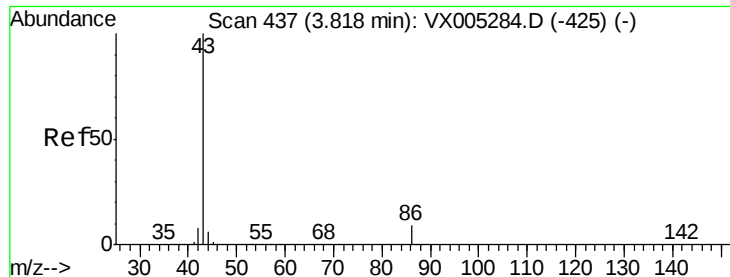
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

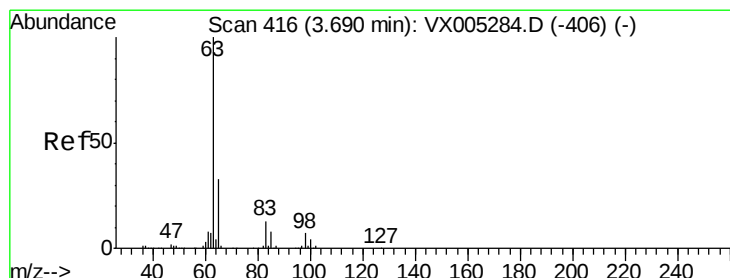
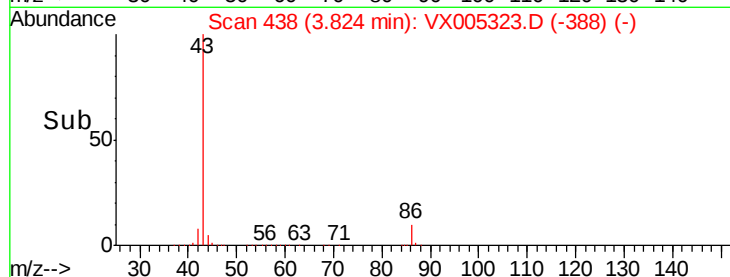
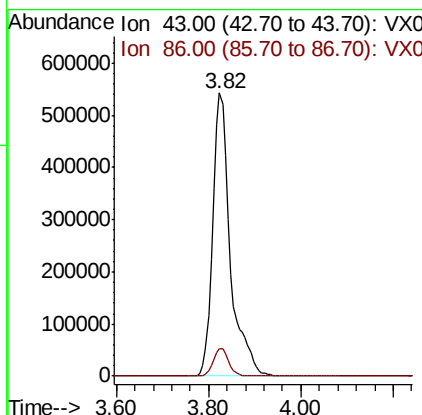
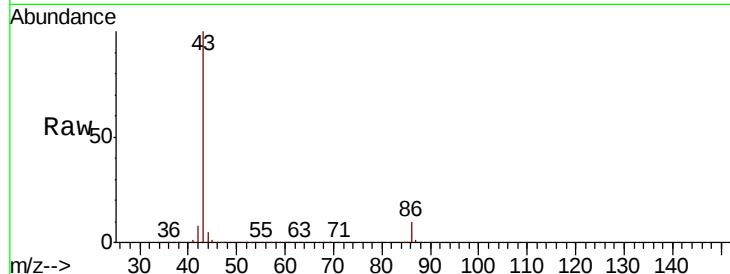




#23
 Vinyl Acetate
 Concen: 206.529 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.01 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

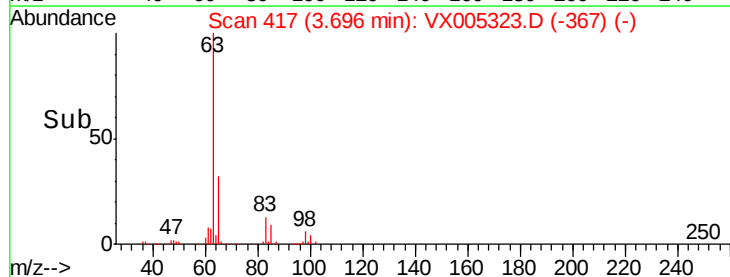
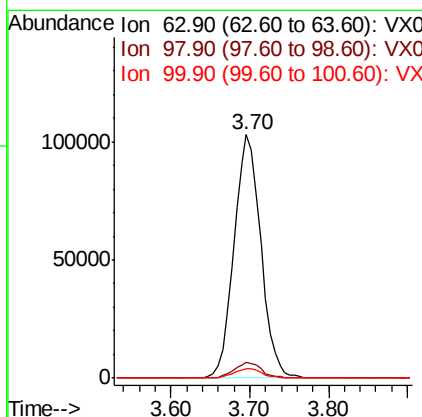
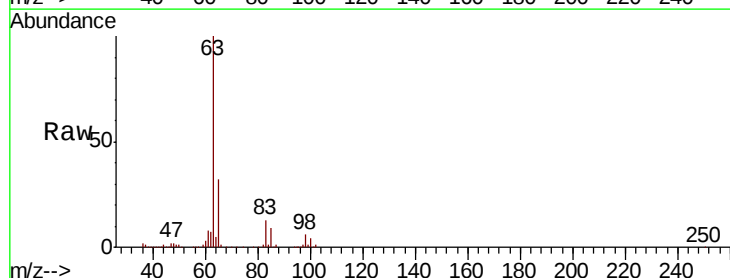
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

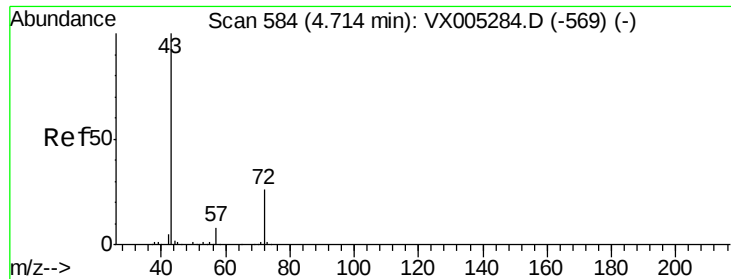
Tot Ion: 43 Resp: 1434924
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 53.392 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion: 63 Resp: 243240
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.0 2.4 7.1





#25

2-Butanone

Concen: 251.283 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

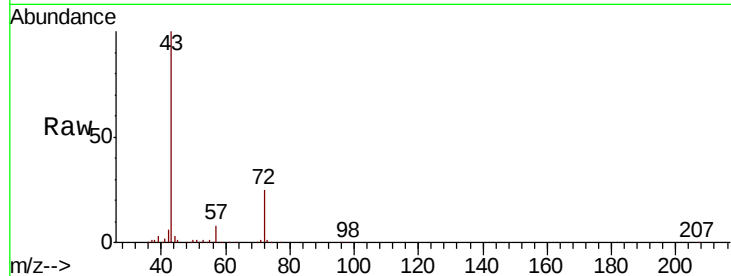
FA18-MMW3414MS

Tot Ion: 43 Resp: 580659

Ion Ratio Lower Upper

43 100

72 24.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

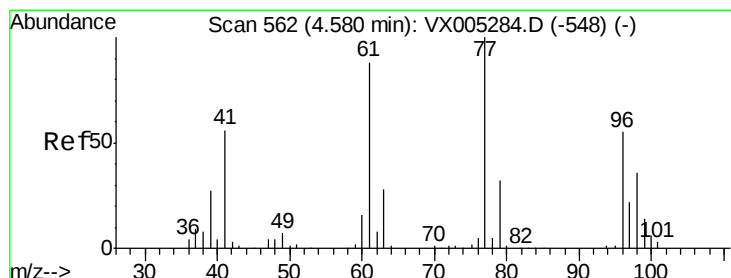
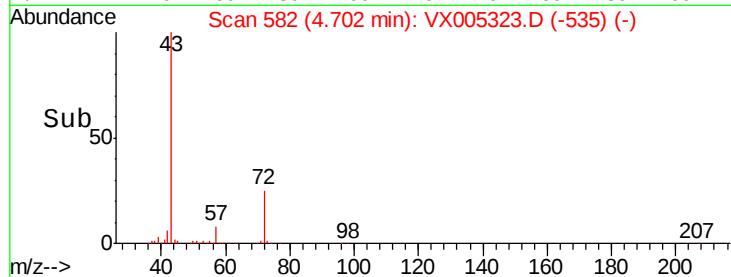
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 31.361 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005323.D

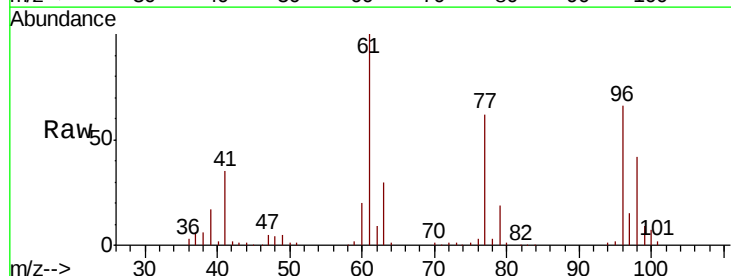
Acq: 13 Oct 2018 05:24

Tgt Ion: 77 Resp: 106854

Ion Ratio Lower Upper

77 100

97 25.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

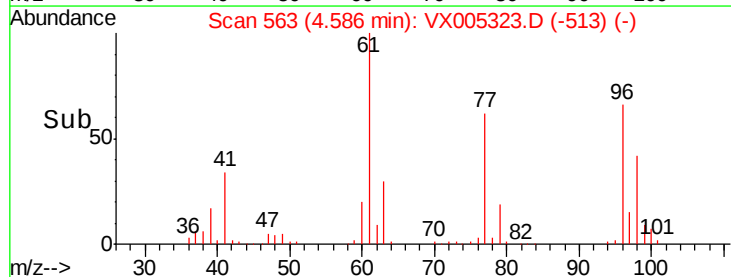
30000

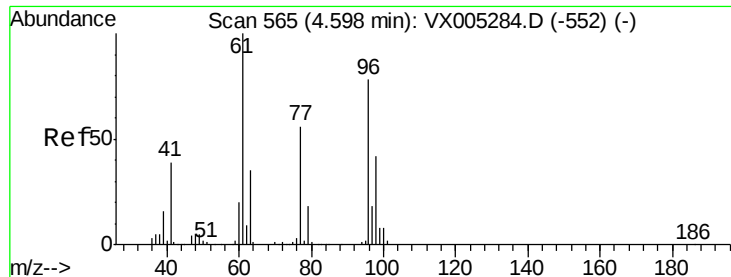
20000

10000

0

Time-->



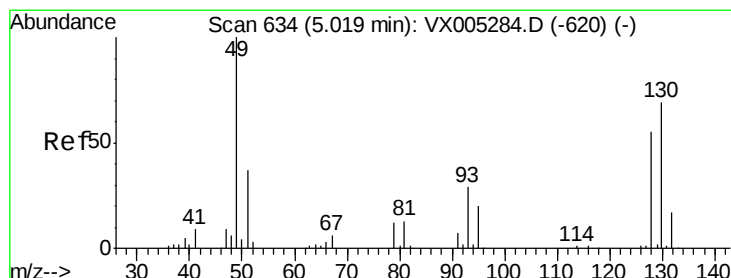
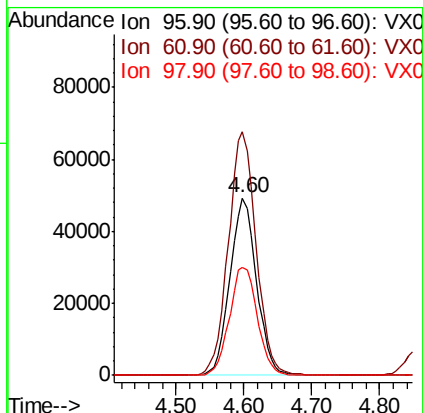
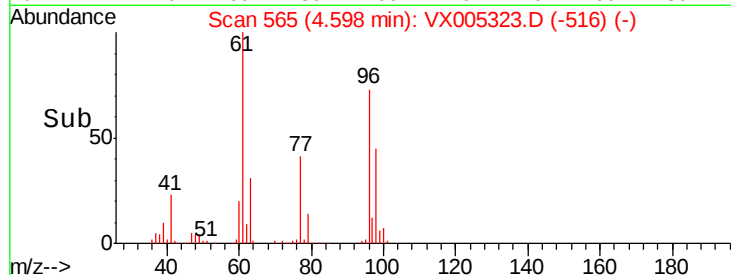
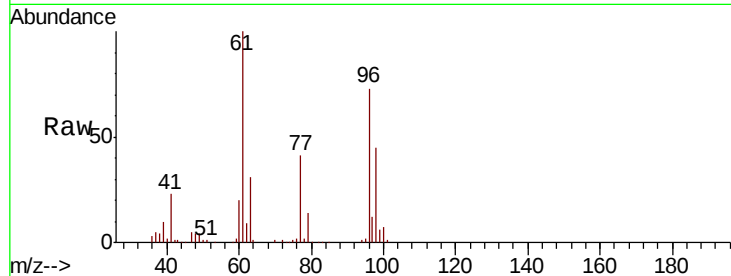


#27

cis-1,2-Dichloroethene
Concen: 51.468 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

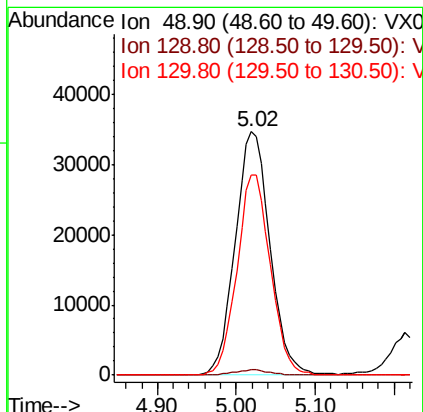
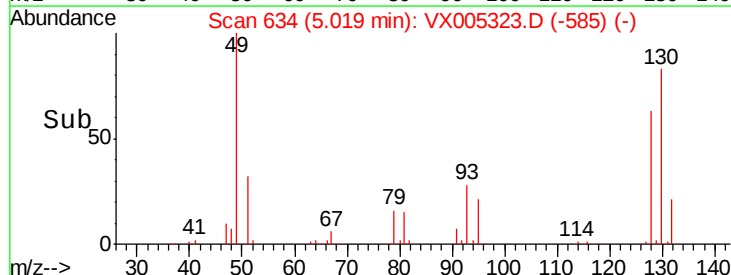
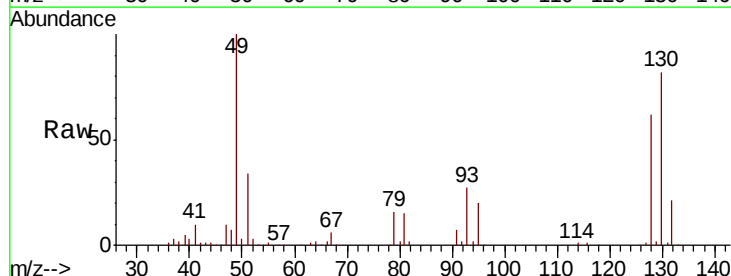
Tot Ion: 96 Resp: 133621
Ion Ratio Lower Upper
96 100
61 143.1 0.0 282.6
98 64.3 0.0 130.2

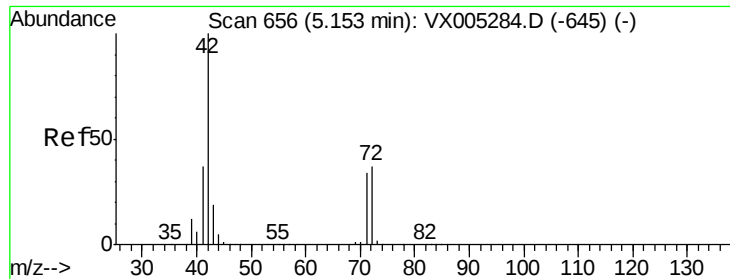


#28

Bromochloromethane
Concen: 51.159 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 49 Resp: 106248
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 79.3 67.5 101.3

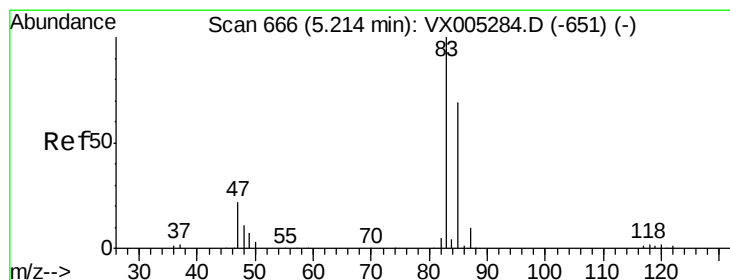
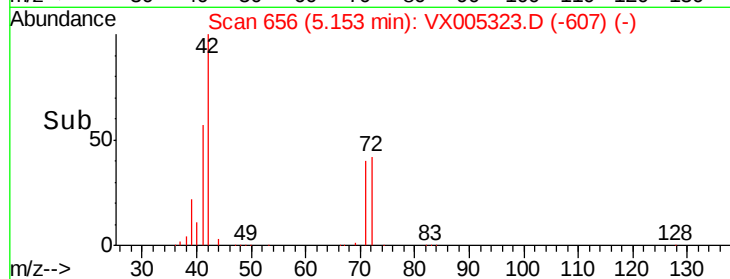
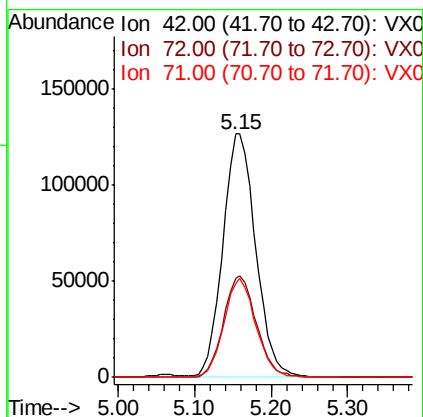
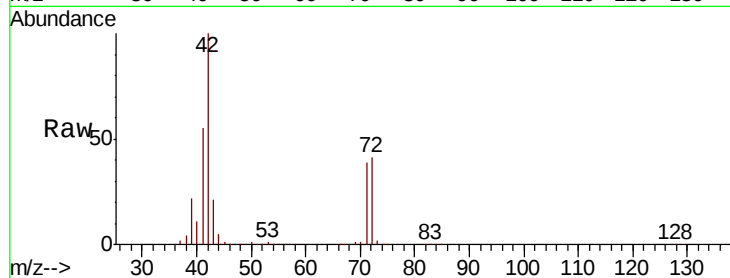




#29
Tetrahydrofuran
Concen: 254.088 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

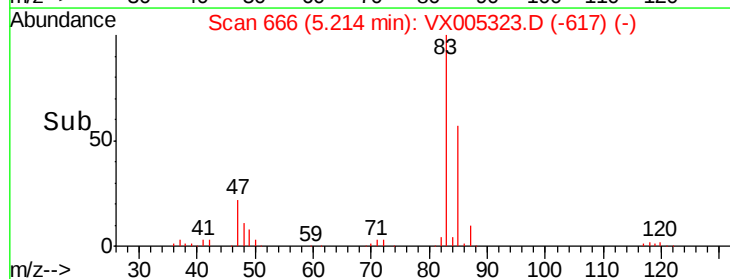
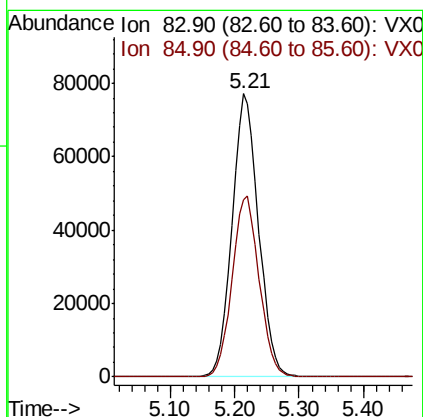
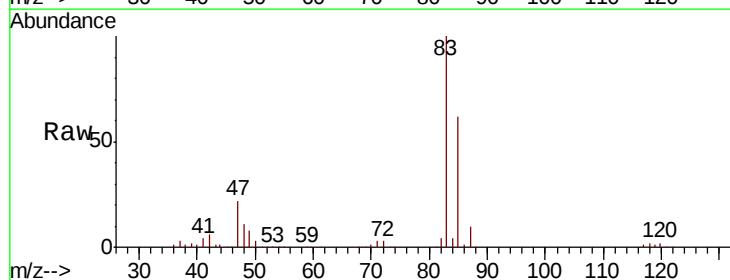
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

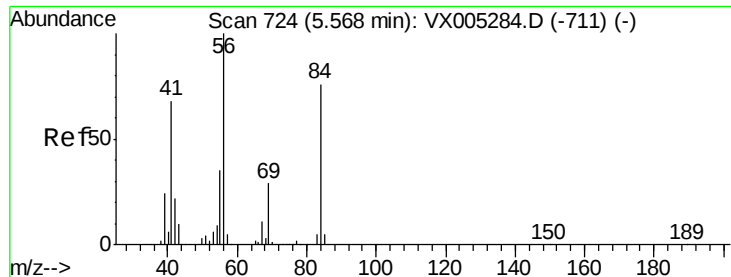
Tot Ion: 42 Resp: 374521
Ion Ratio Lower Upper
42 100
72 42.1 37.4 56.0
71 39.4 34.5 51.7



#30
Chloroform
Concen: 52.231 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 83 Resp: 220863
Ion Ratio Lower Upper
83 100
85 62.5 52.6 79.0

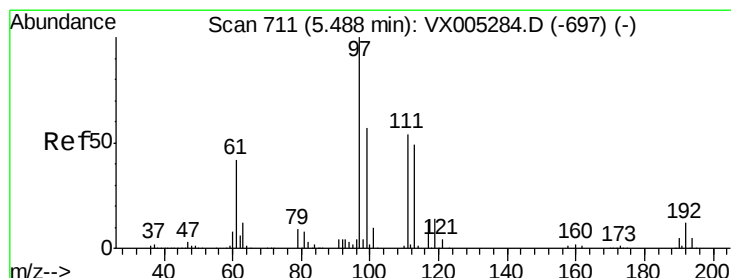
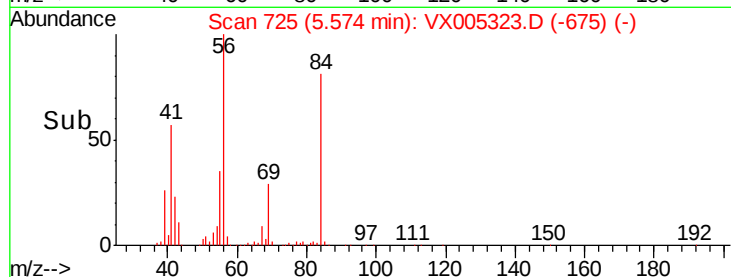
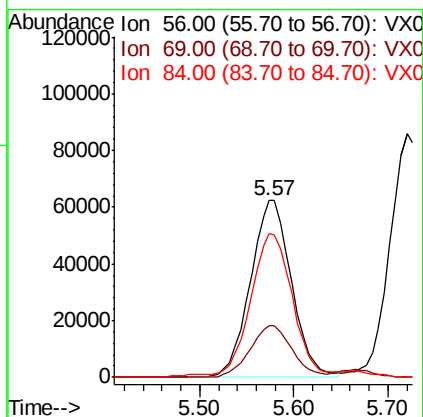
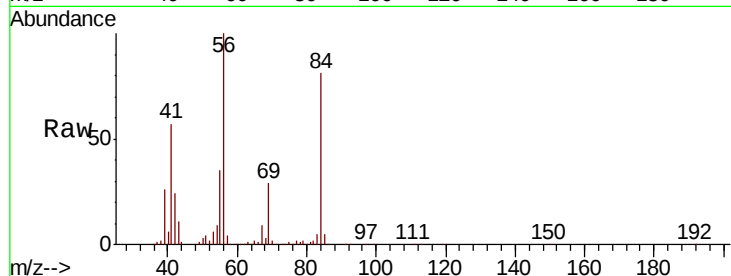




#31
Cyclohexane
Concen: 50.617 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

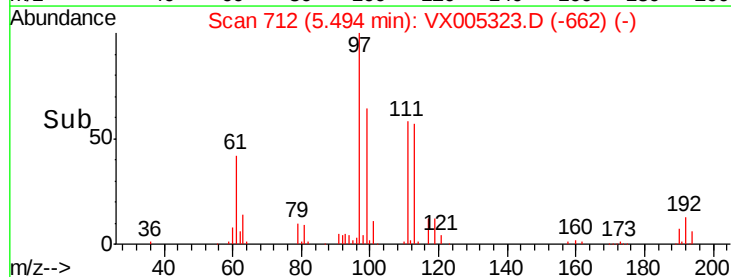
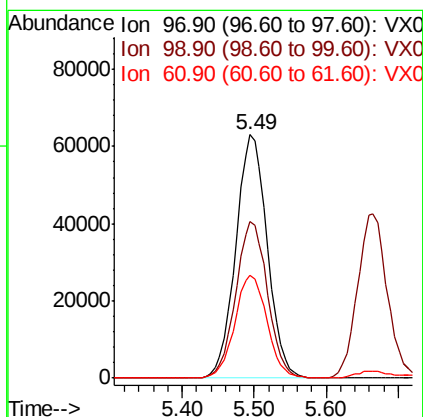
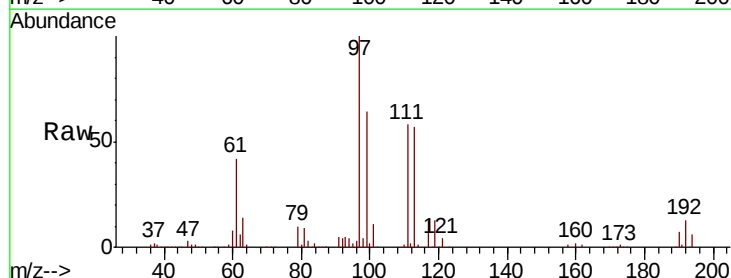
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

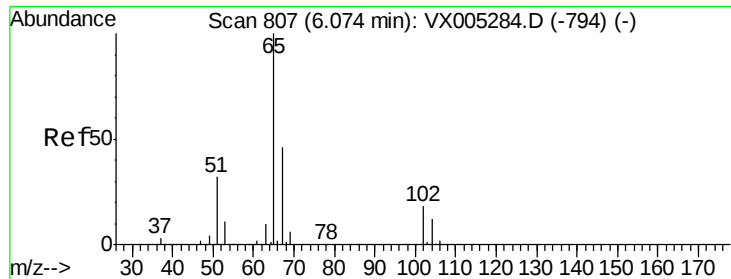
Tot Ion: 56 Resp: 190062
Ion Ratio Lower Upper
56 100
69 29.1 25.4 38.2
84 79.4 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 52.010 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 97 Resp: 191365
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 43.2 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 52.915 ug/l

RT: 6.07 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

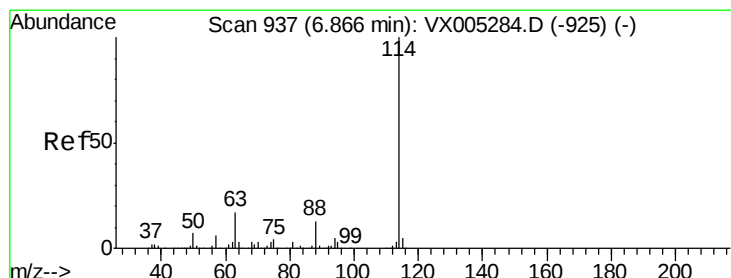
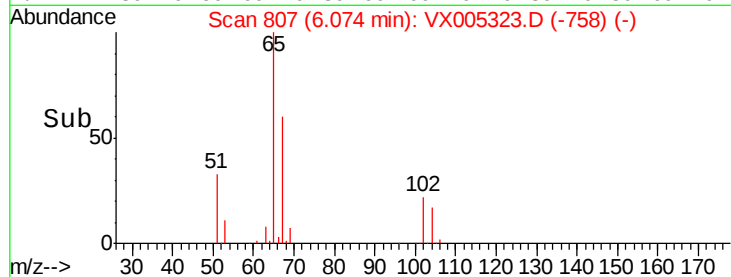
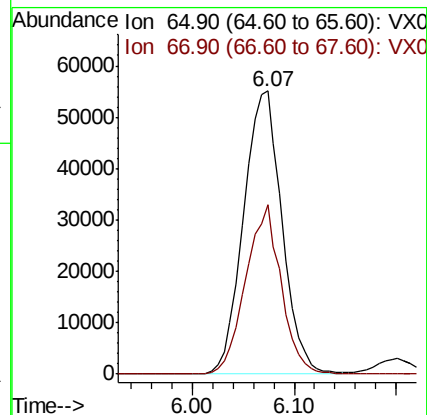
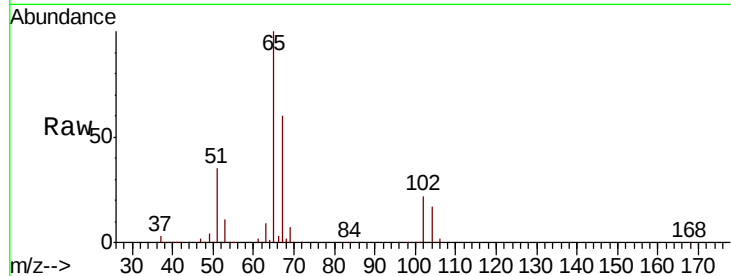
FA18-MMW3414MS

Tot Ion: 65 Resp: 144541

Ion Ratio Lower Upper

65 100

67 55.0 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

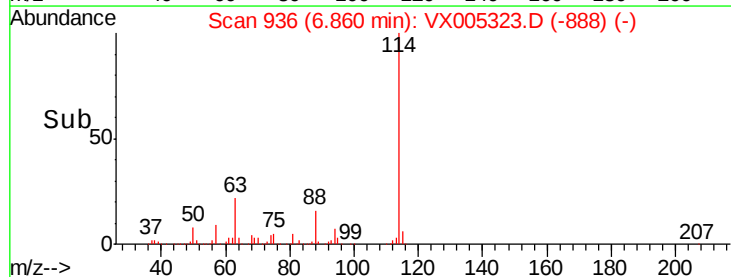
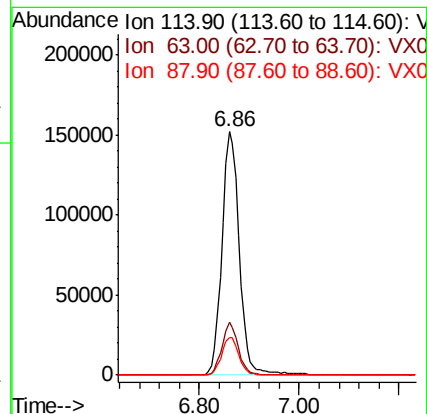
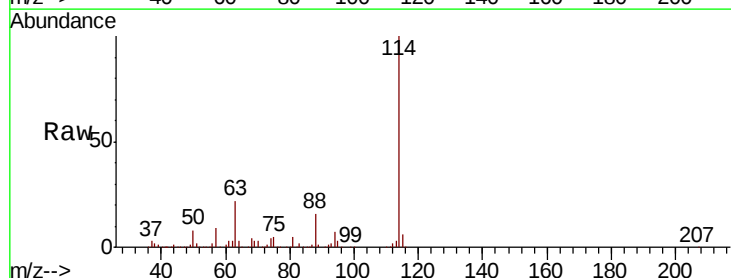
Tgt Ion: 114 Resp: 367095

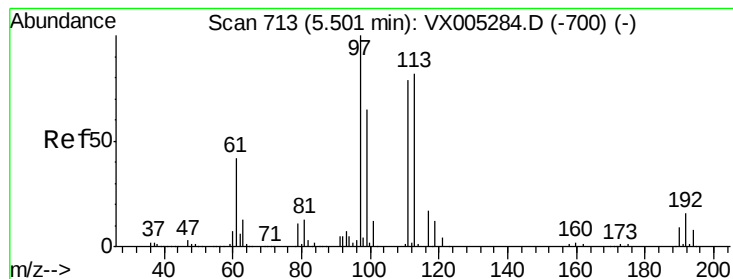
Ion Ratio Lower Upper

114 100

63 21.9 0.0 39.0

88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.795 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

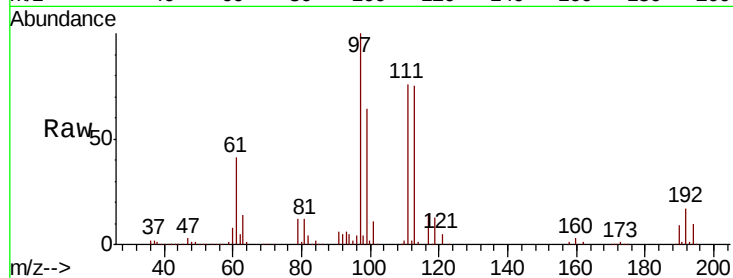
Tot Ion:113 Resp: 116207

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

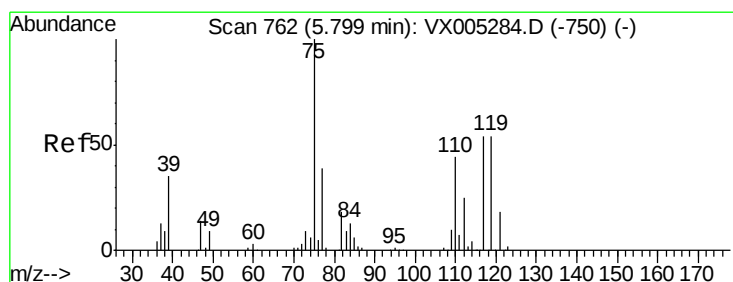
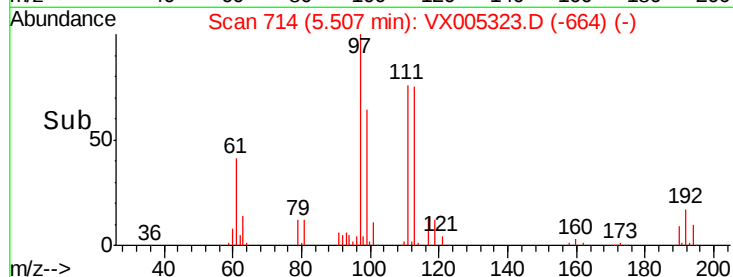
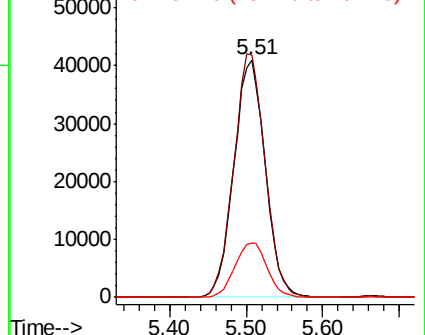
192 23.6 19.4 29.2



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: 45.186 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

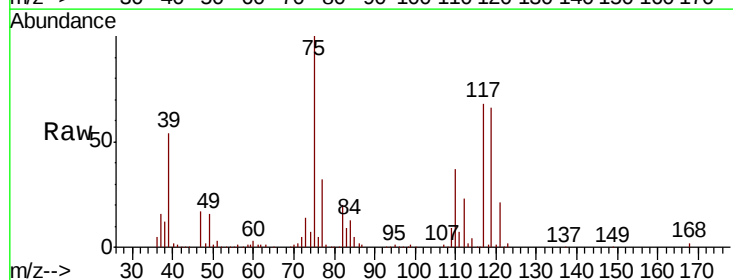
Tgt Ion: 75 Resp: 160649

Ion Ratio Lower Upper

75 100

110 36.7 18.0 54.0

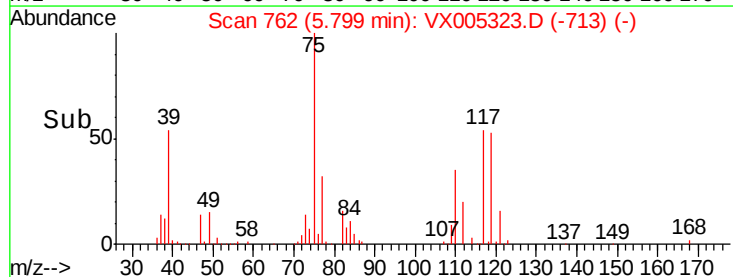
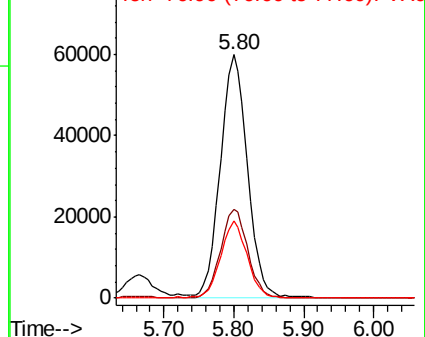
77 30.9 24.6 36.8

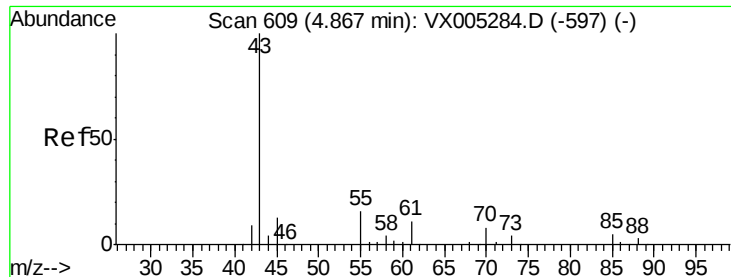


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 38.039 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

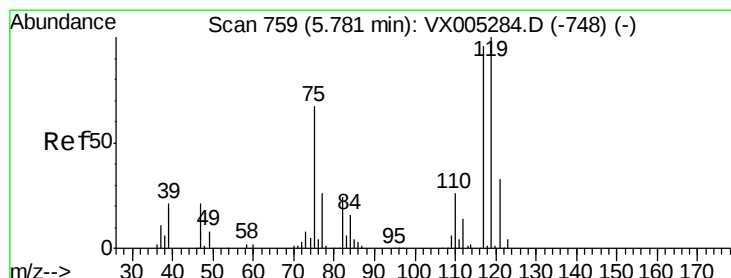
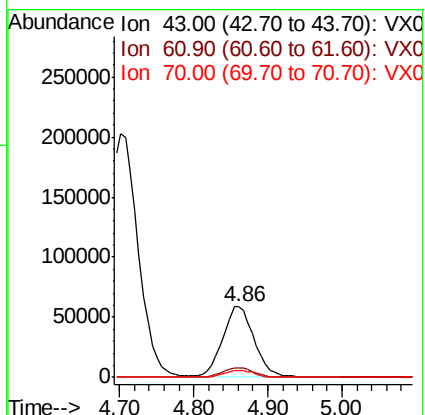
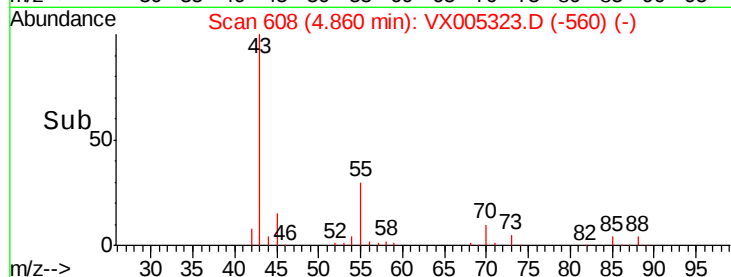
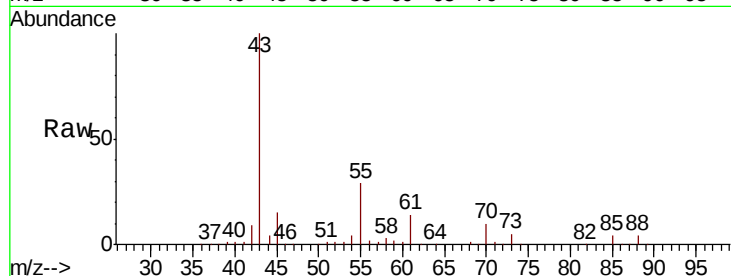
Tot Ion: 43 Resp: 173924

Ion Ratio Lower Upper

43 100

61 14.1 11.5 17.3

70 10.2 9.0 13.6



#38

Carbon Tetrachloride

Concen: 48.111 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

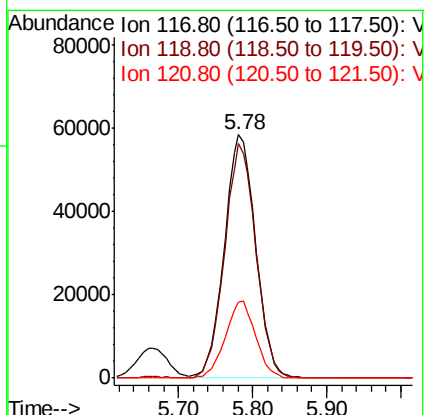
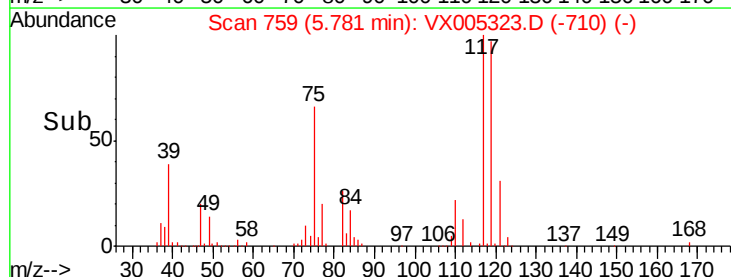
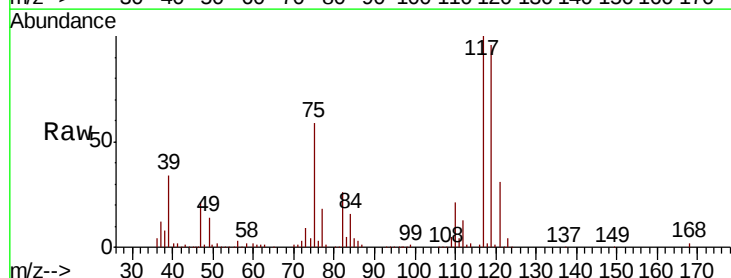
Tgt Ion: 117 Resp: 171867

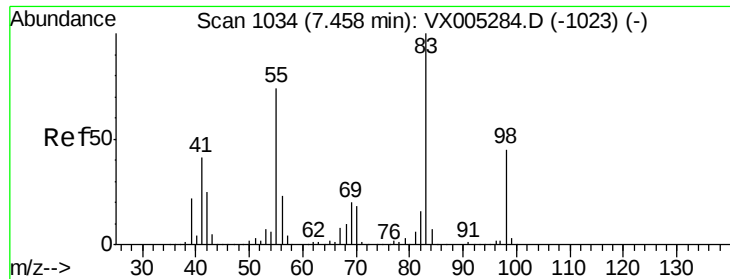
Ion Ratio Lower Upper

117 100

119 96.3 78.8 118.2

121 31.4 24.9 37.3

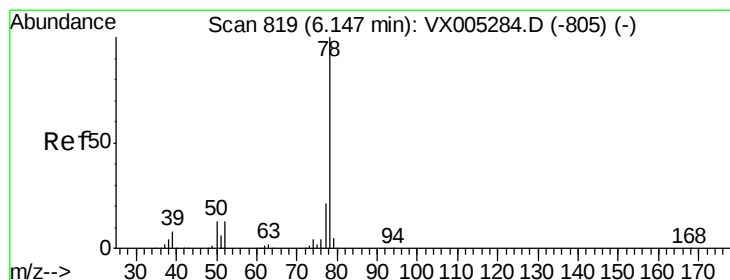
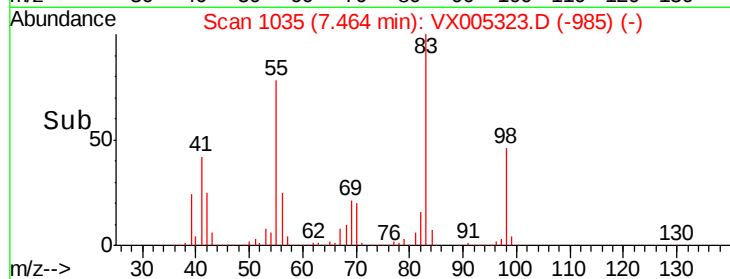
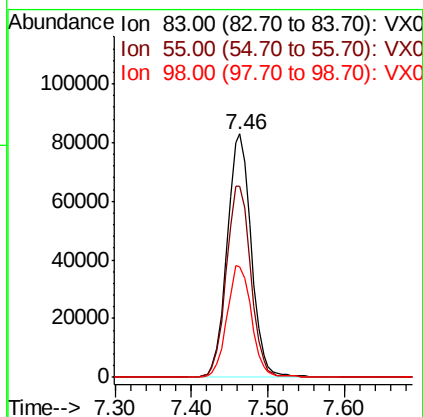
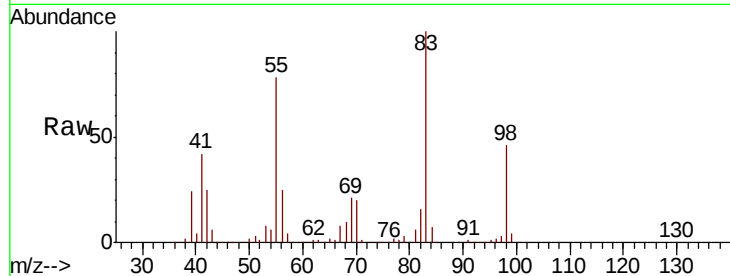




#39
Methvlcvclohexane
Concen: 46.897 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

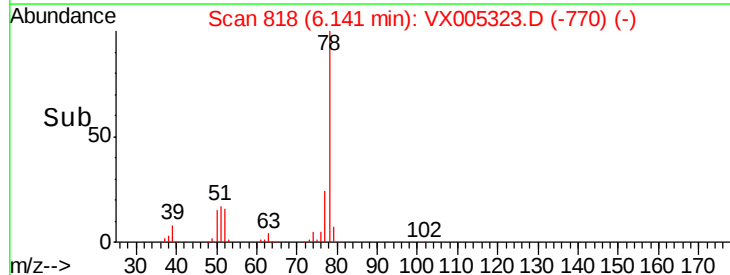
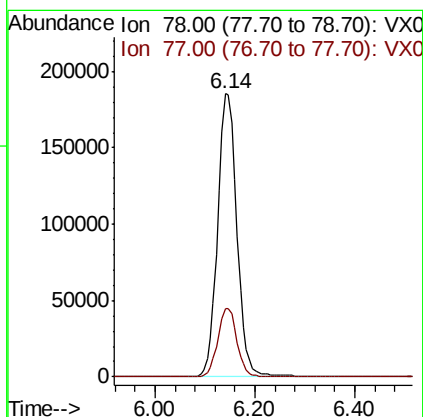
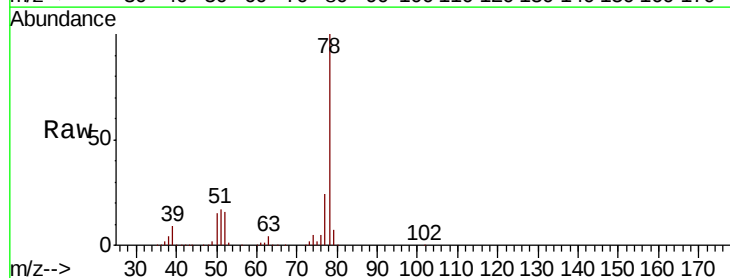
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

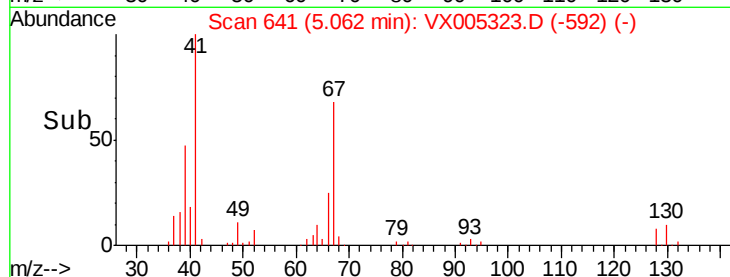
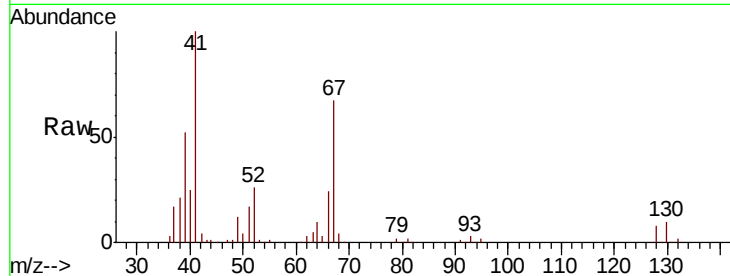
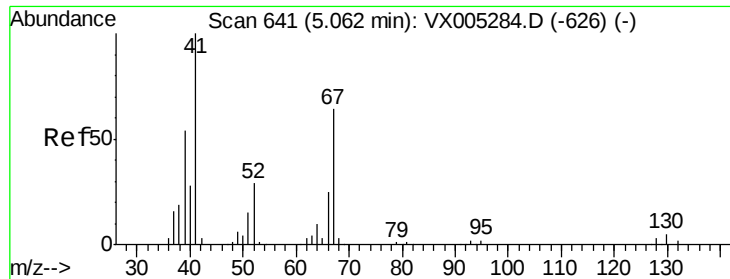
Tot Ion: 83 Resp: 180453
Ion Ratio Lower Upper
83 100
55 78.3 61.0 91.4
98 45.6 39.6 59.4



#40
Benzene
Concen: 46.613 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 78 Resp: 497137
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

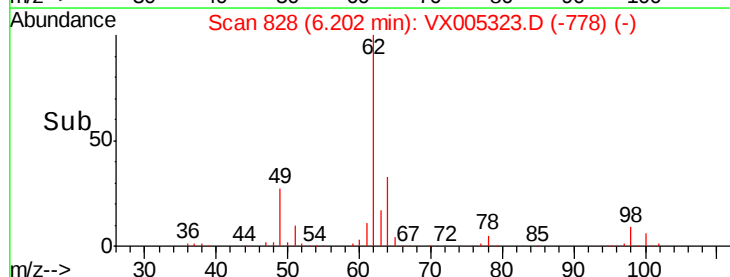
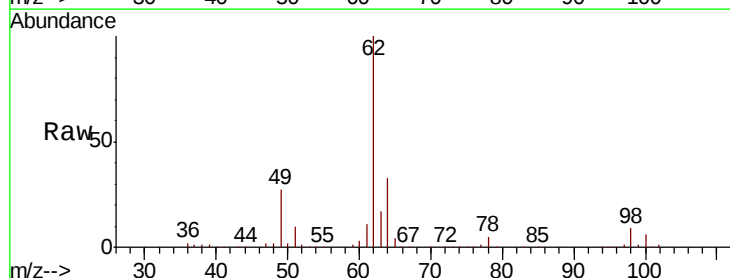
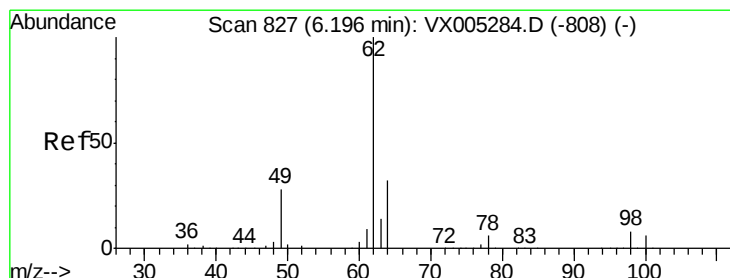
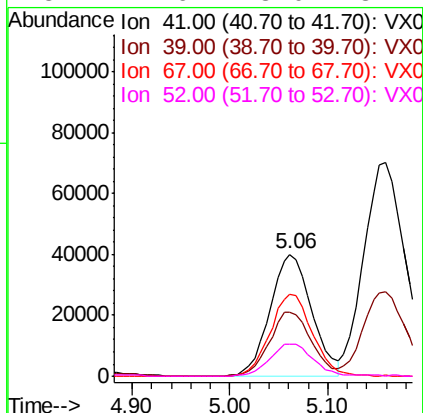




#41
Methacrylonitrile
Concen: 48.504 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

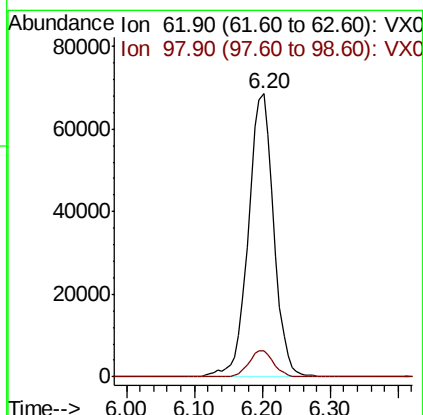
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

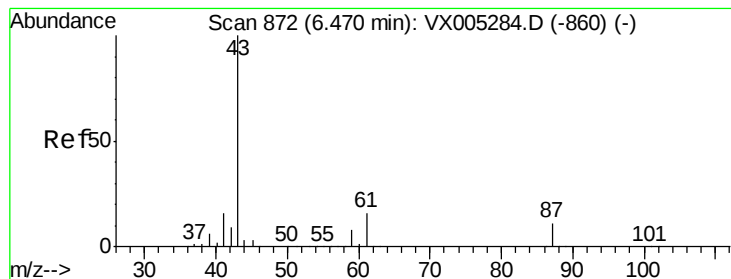
Tot Ion:	41	Resp:	118893
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.4	63.6
67	68.2	59.2	88.8
52	27.6	23.0	34.4



#42
1,2-Dichloroethane
Concen: 47.488 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion:	62	Resp:	178834
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.6





#43

Isopropyl Acetate

Concen: 45.187 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

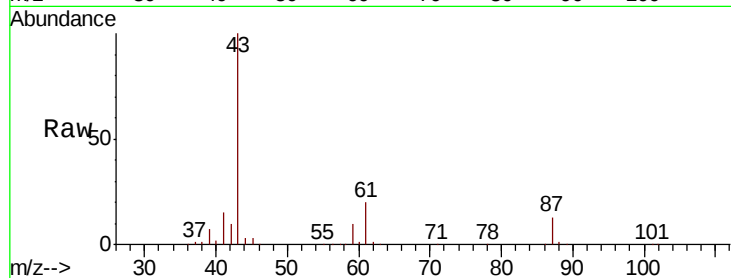
Tot Ion: 43 Resp: 275217

Ion Ratio Lower Upper

43 100

61 19.8 17.0 25.4

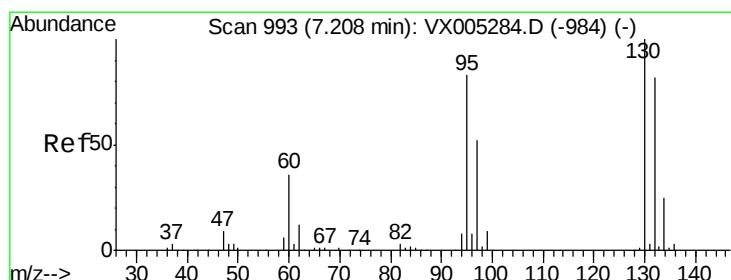
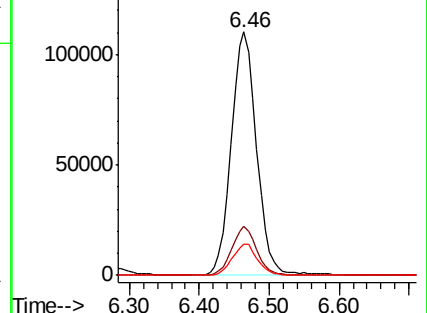
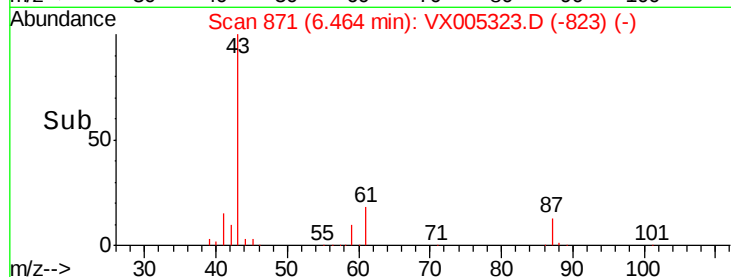
87 13.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-860) (-)

Ion 61.00 (60.70 to 61.70): VX005284.D (-860) (-)

Ion 87.00 (86.70 to 87.70): VX005284.D (-860) (-)



#44

Trichloroethene

Concen: 49.490 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005323.D

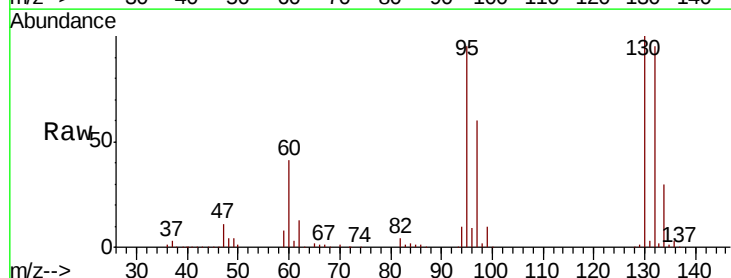
Acq: 13 Oct 2018 05:24

Tgt Ion: 130 Resp: 134786

Ion Ratio Lower Upper

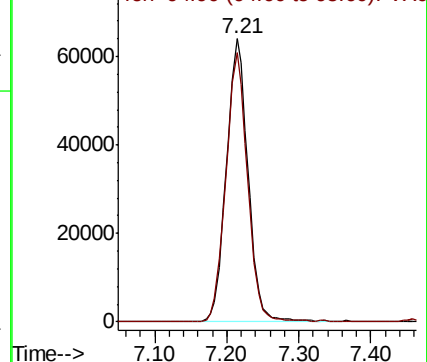
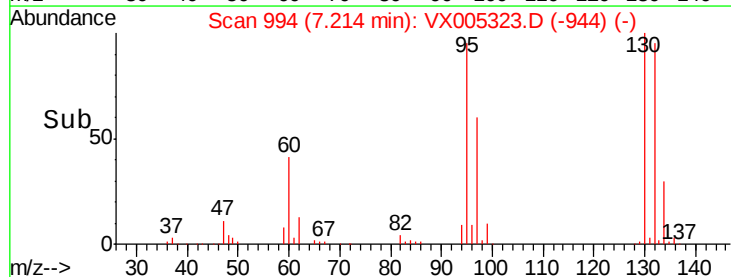
130 100

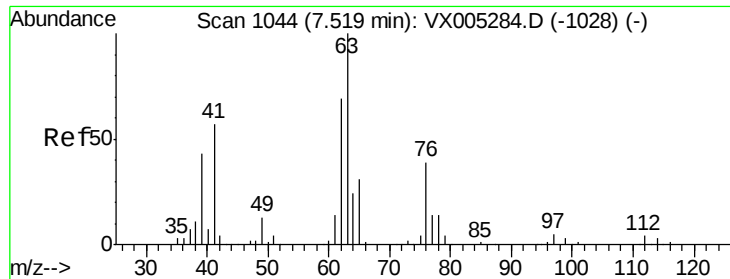
95 95.0 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX005284.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX005284.D (-984) (-)

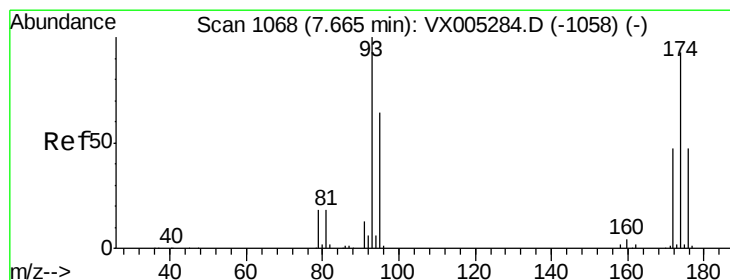
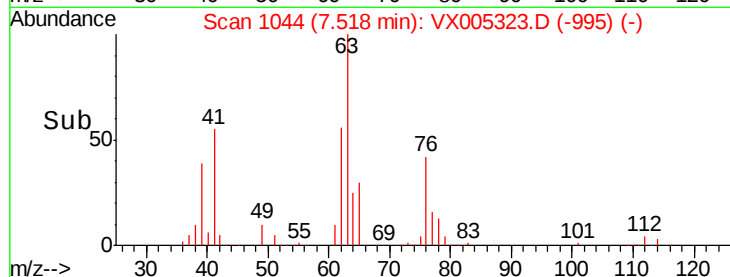
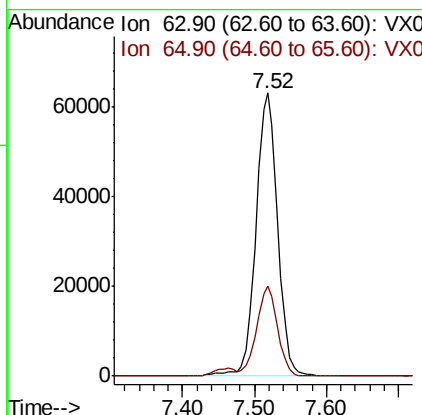
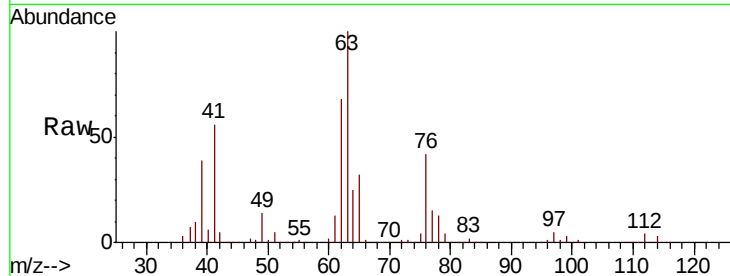




#45
 1,2-Dichloropropane
 Concen: 50.435 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

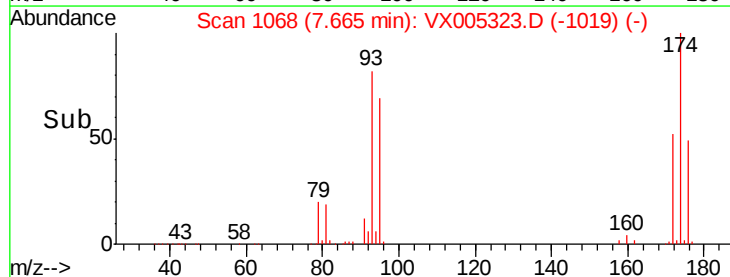
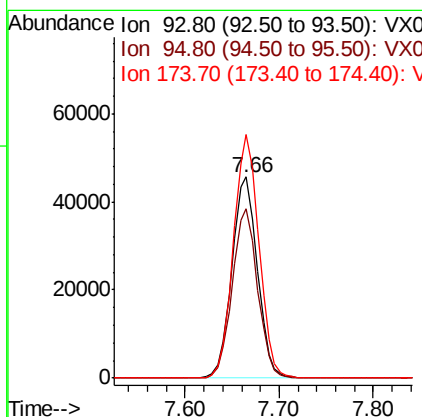
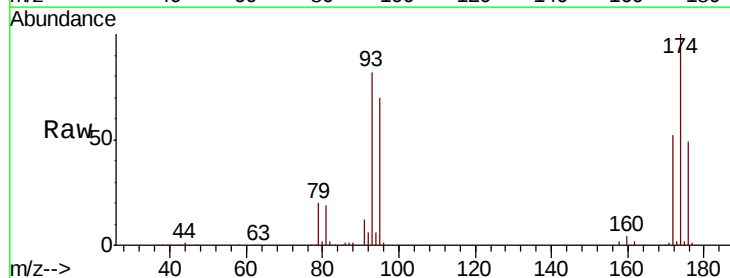
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

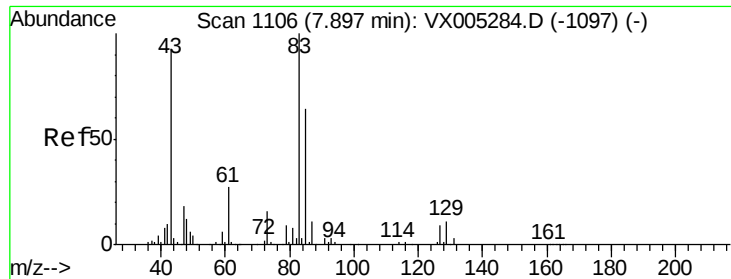
Tot Ion: 63 Resp: 131946
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.3 36.5



#46
 Dibromomethane
 Concen: 49.775 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion: 93 Resp: 85946
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 120.9 94.2 141.4





#47

Bromodichloromethane

Concen: 52.261 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

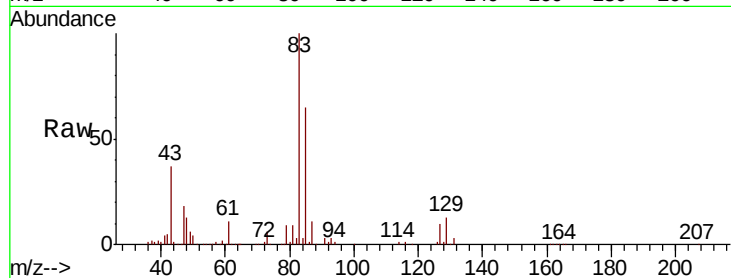
Tot Ion: 83 Resp: 166915

Ion Ratio Lower Upper

83 100

85 65.4 50.9 76.3

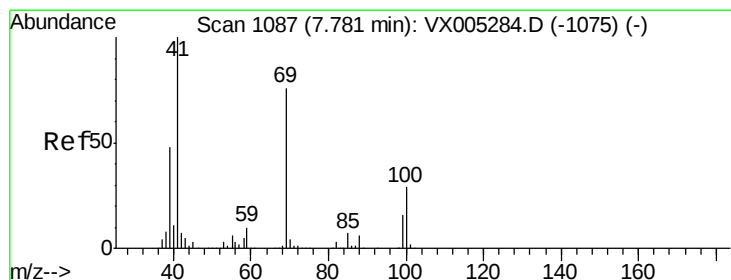
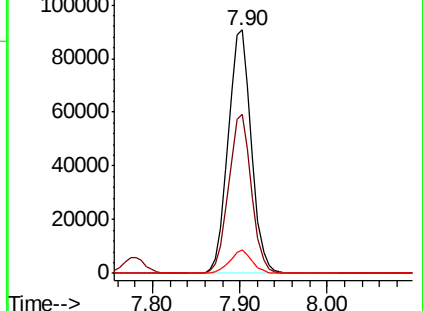
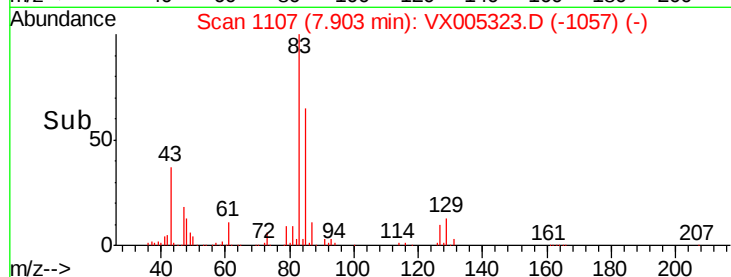
127 9.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.248 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

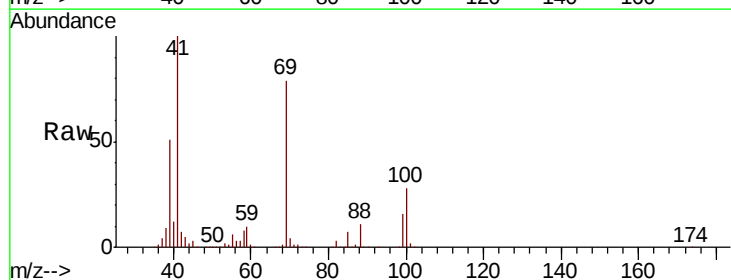
Tgt Ion: 41 Resp: 165044

Ion Ratio Lower Upper

41 100

69 80.9 70.2 105.4

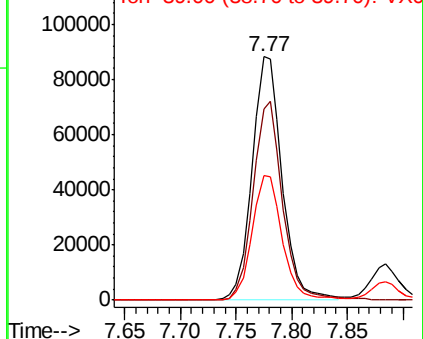
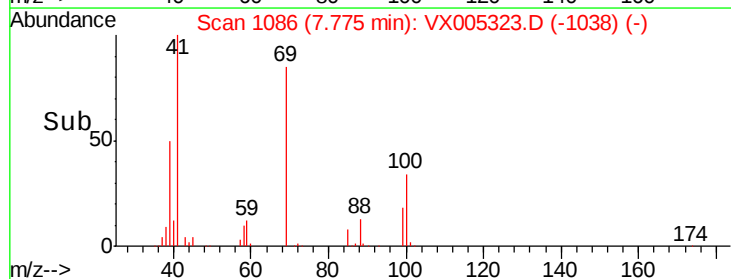
39 51.5 42.7 64.1

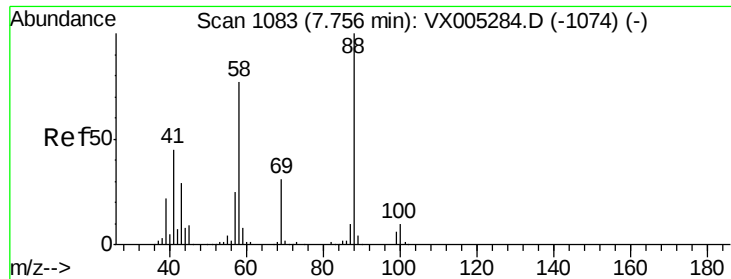


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

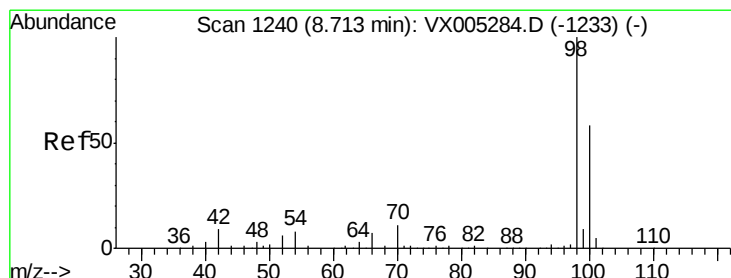
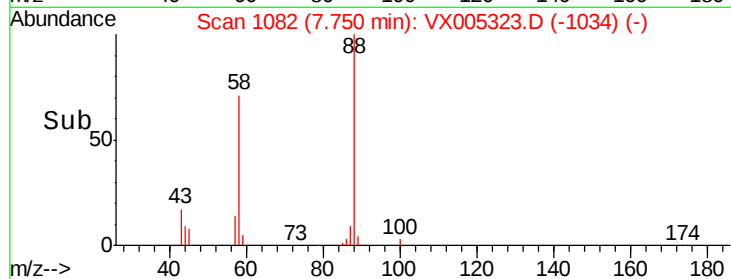
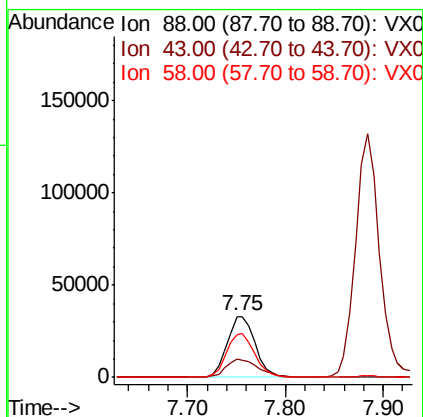
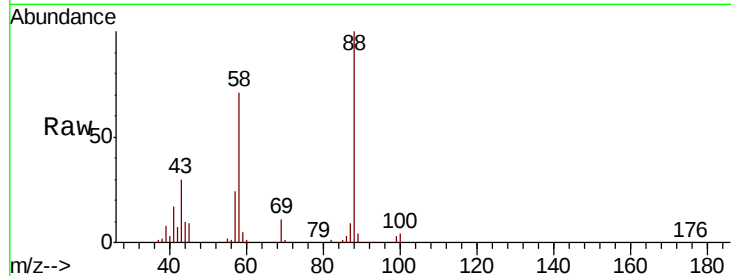




#49
1,4-Dioxane
Concen: 899.612 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

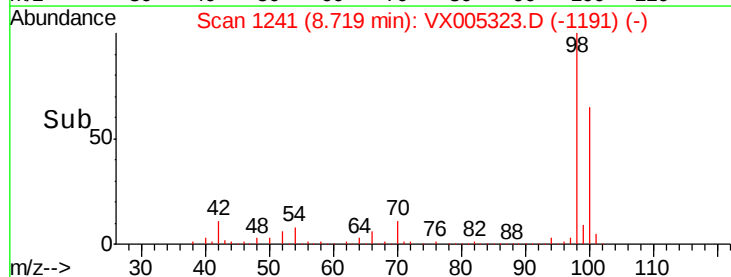
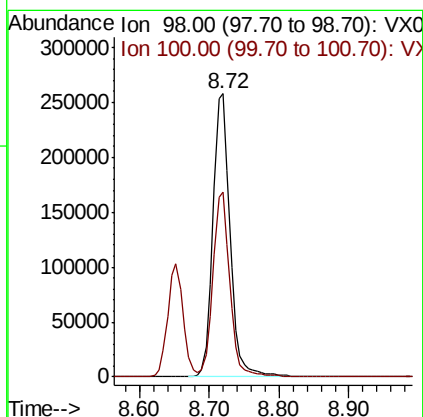
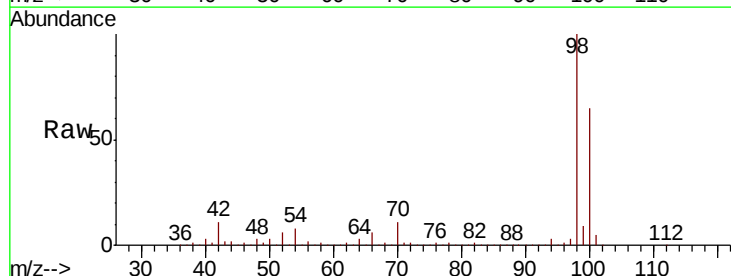
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

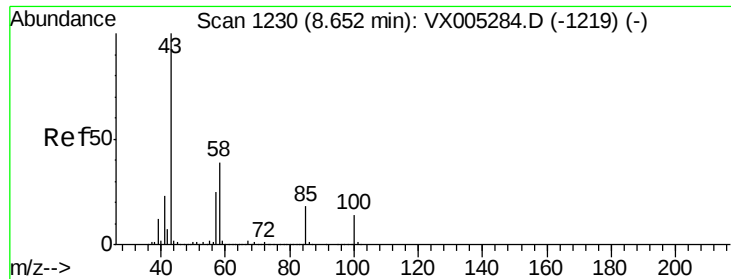
Tot Ion: 88 Resp: 65545
Ion Ratio Lower Upper
88 100
43 33.6 24.7 37.1
58 72.9 55.3 82.9



#50
Toluene-d8
Concen: 52.534 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 98 Resp: 438503
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3

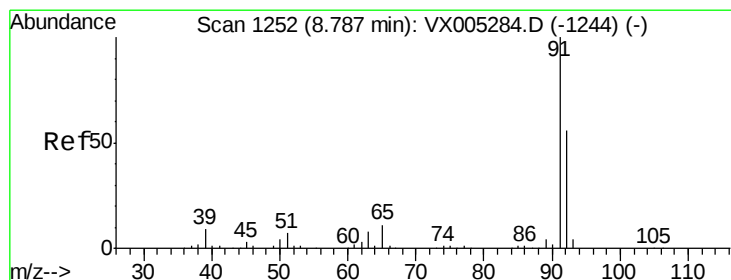
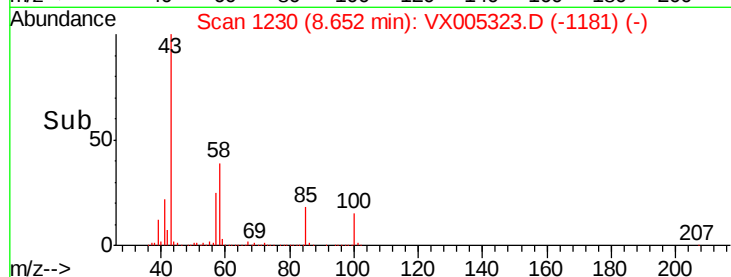
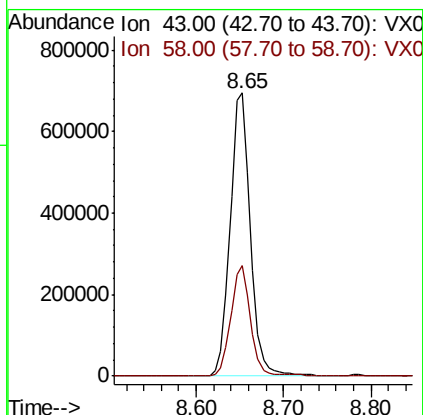
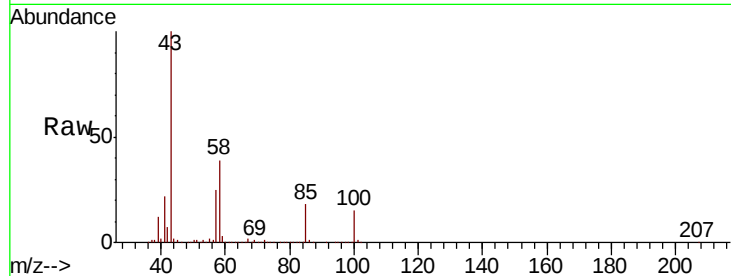




#51
 4-Methyl-2-Pentanone
 Concen: 266.209 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

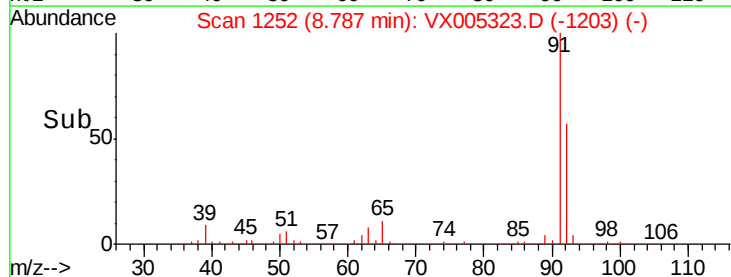
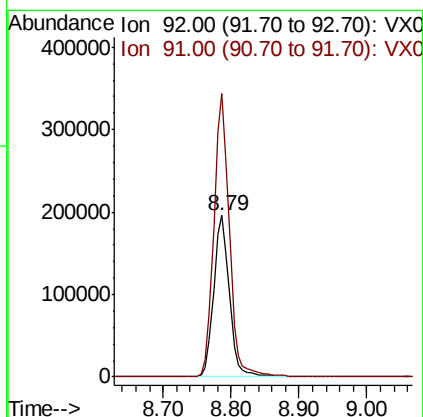
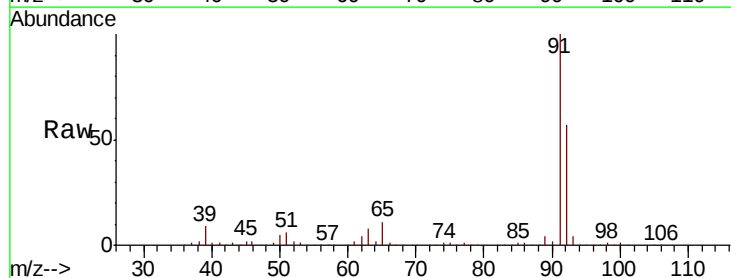
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

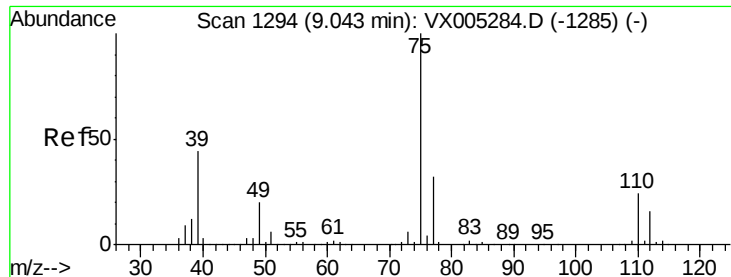
Tot Ion: 43 Resp: 1122660
 Ion Ratio Lower Upper
 43 100
 58 37.7 33.1 49.7



#52
 Toluene
 Concen: 53.861 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion: 92 Resp: 314267
 Ion Ratio Lower Upper
 92 100
 91 174.3 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 50.297 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

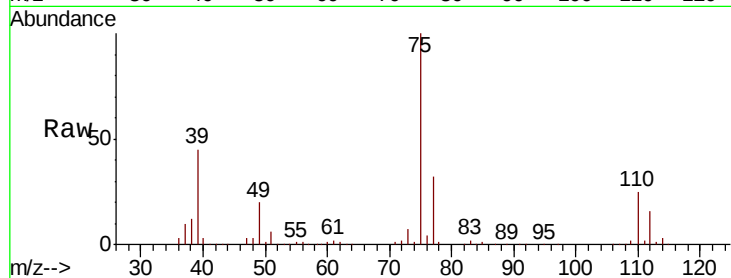
FA18-MMW3414MS

Tot Ion: 75 Resp: 173847

Ion Ratio Lower Upper

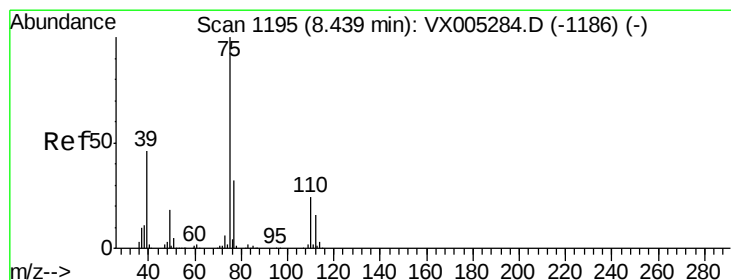
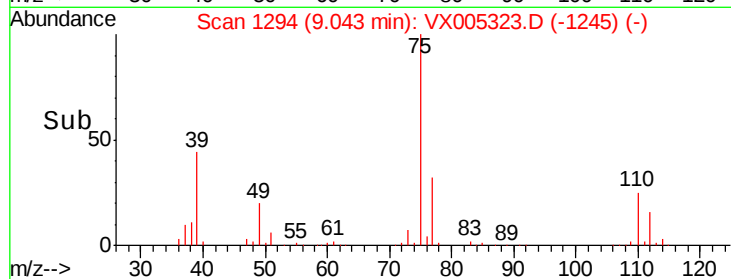
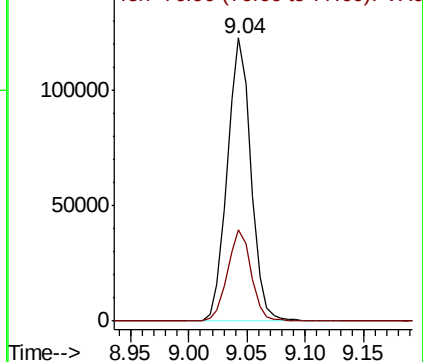
75 100

77 32.2 24.6 37.0



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: 48.776 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

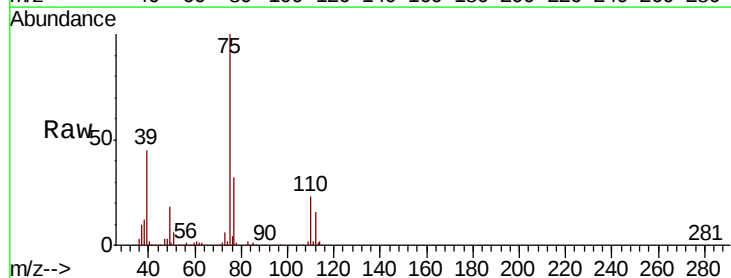
Tgt Ion: 75 Resp: 182674

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

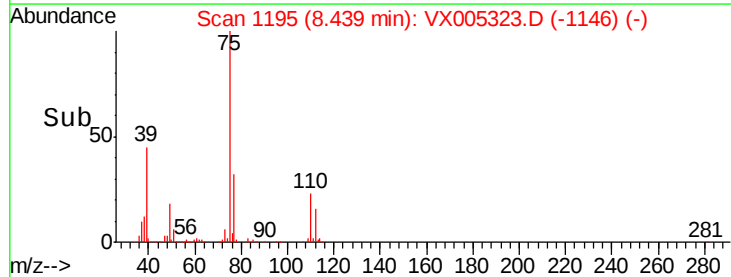
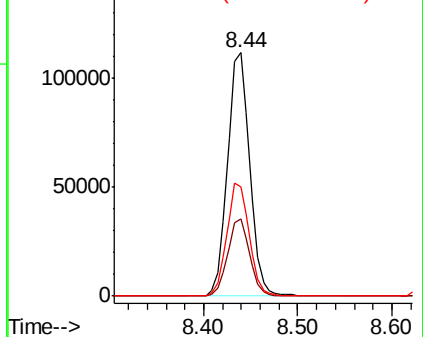
39 44.7 36.4 54.6

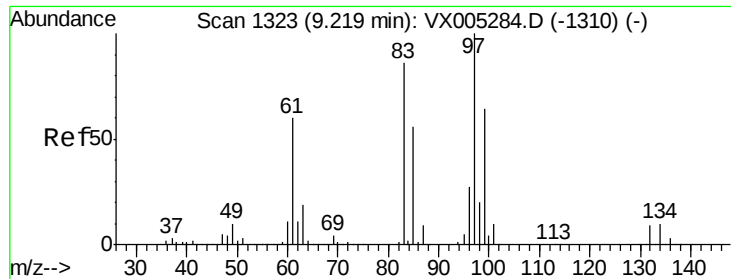


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

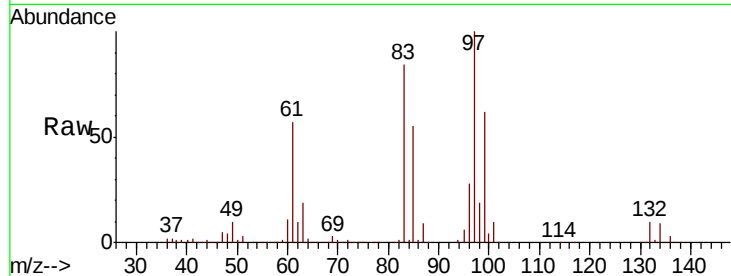




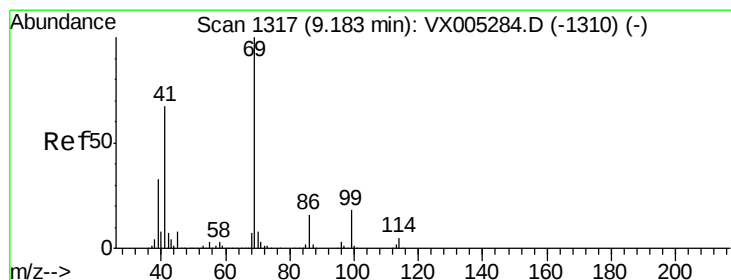
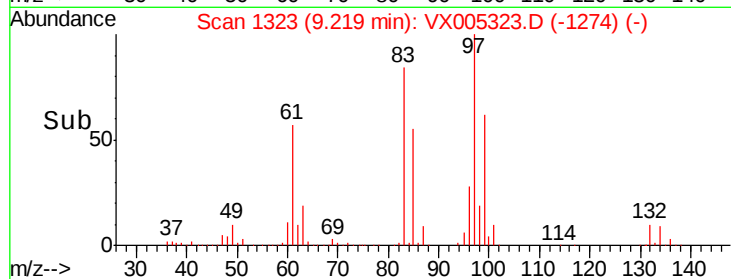
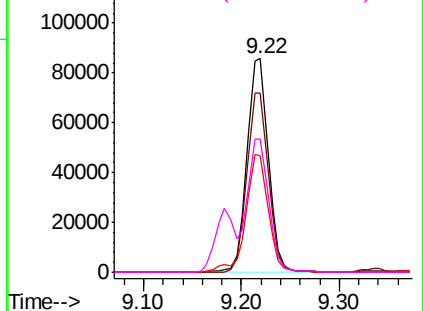
#55
 1,1,2-Trichloroethane
 Concen: 52.789 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Tot Ion:	97	Resp:	130461
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.4	99.6
85	54.6	43.3	64.9
99	62.4	49.0	73.4

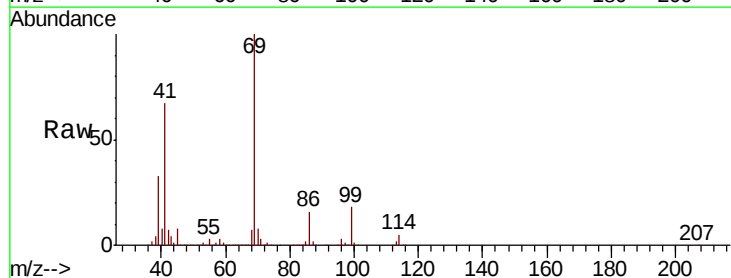


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

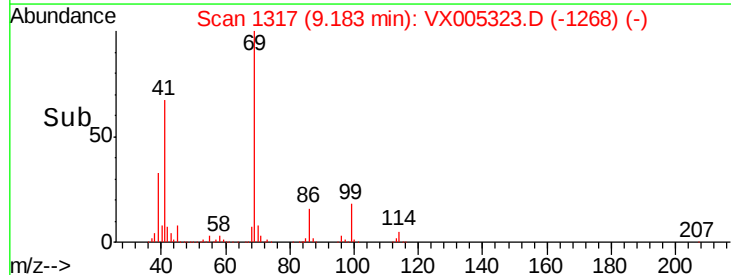
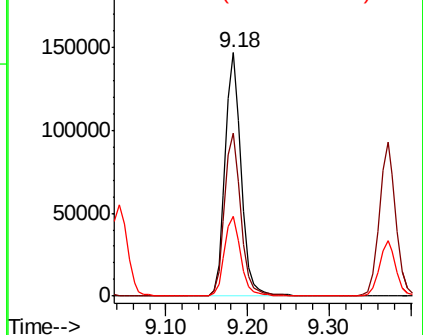


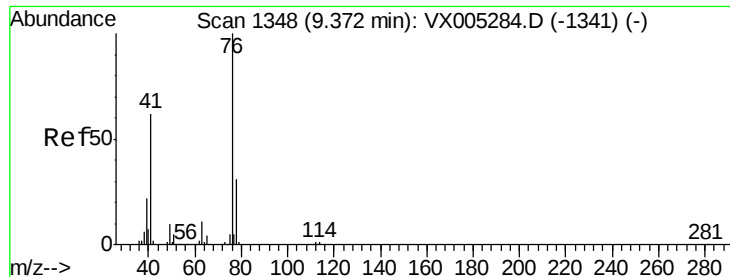
#56
 Ethyl methacrylate
 Concen: 55.495 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion:	69	Resp:	199936
Ion	Ratio	Lower	Upper
69	100		
41	68.1	51.0	76.4
39	33.5	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 52.357 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

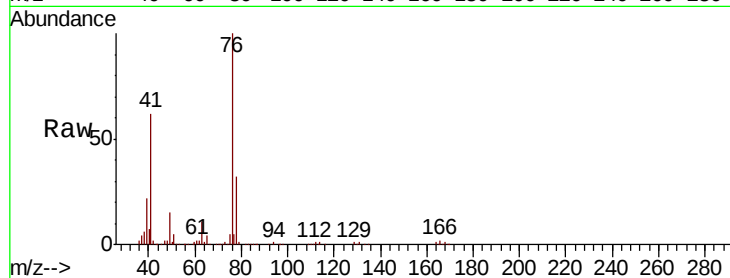
FA18-MMW3414MS

Tot Ion: 76 Resp: 215968

Ion Ratio Lower Upper

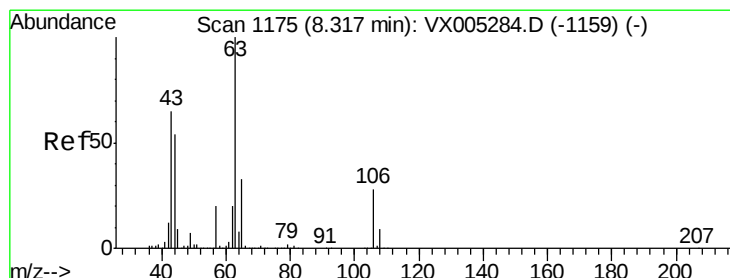
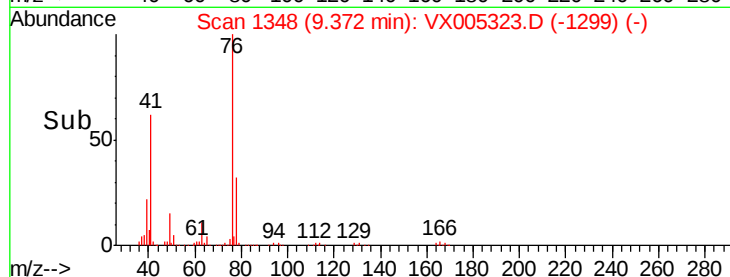
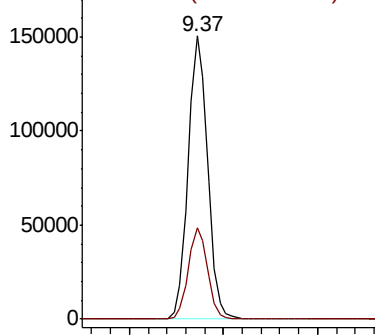
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.823 ug/l

RT: 8.28 min Scan# 1169

Delta R.T. -0.04 min

Lab File: VX005323.D

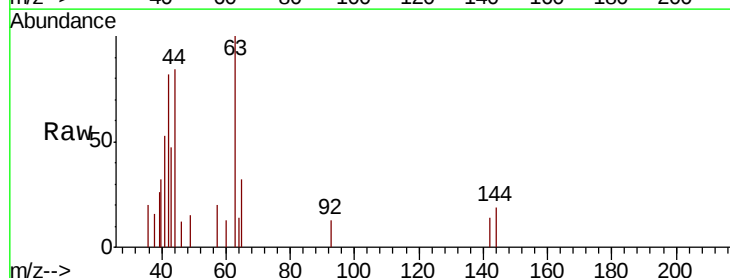
Acq: 13 Oct 2018 05:24

Tgt Ion: 63 Resp: 1662

Ion Ratio Lower Upper

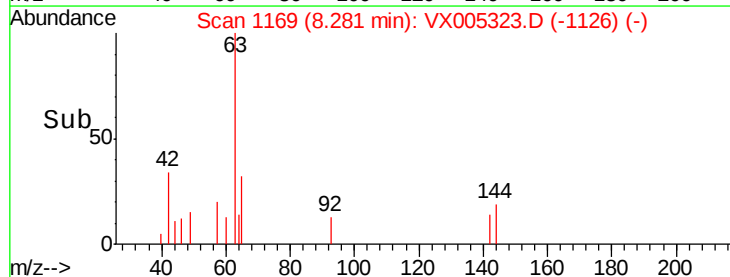
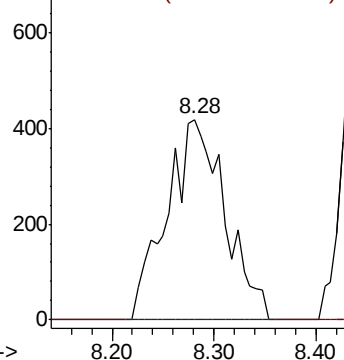
63 100

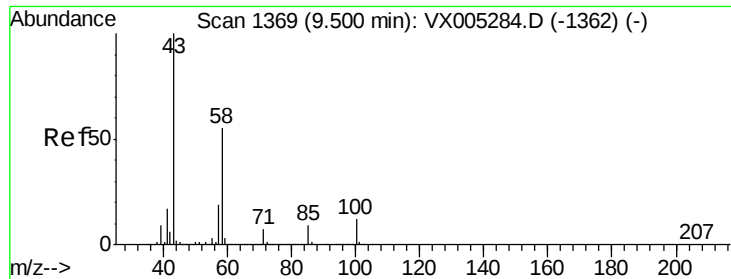
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

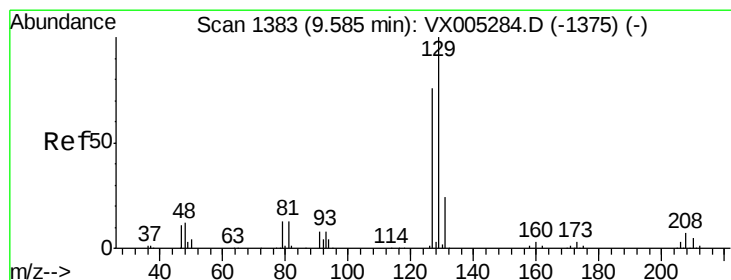
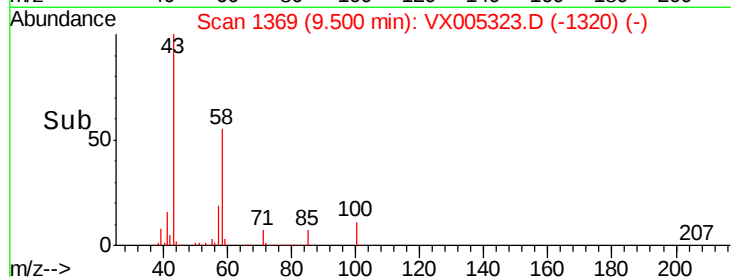
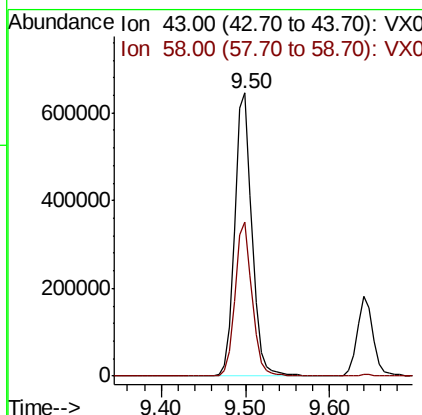
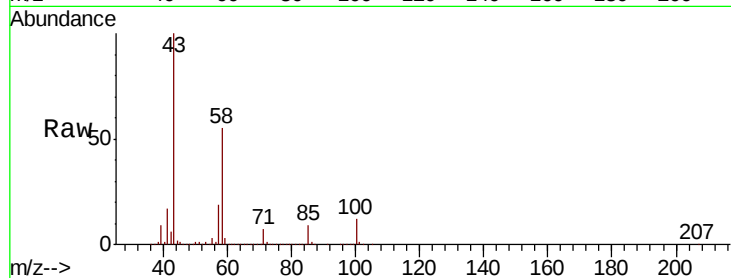




#59
2-Hexanone
Concen: 262.337 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

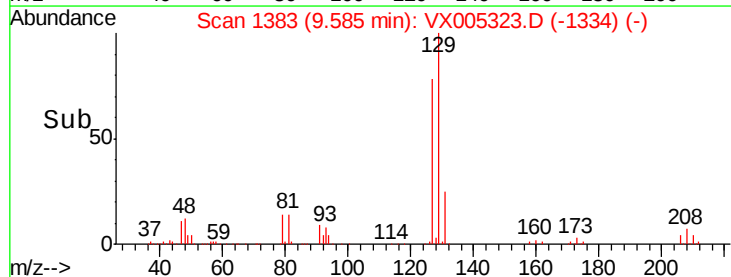
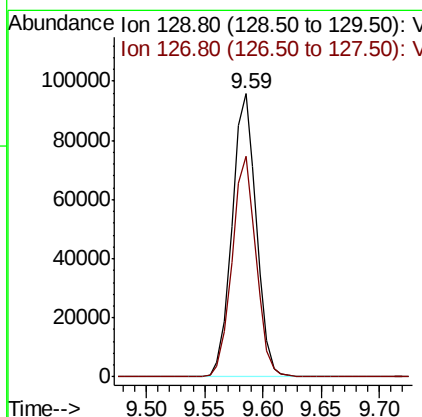
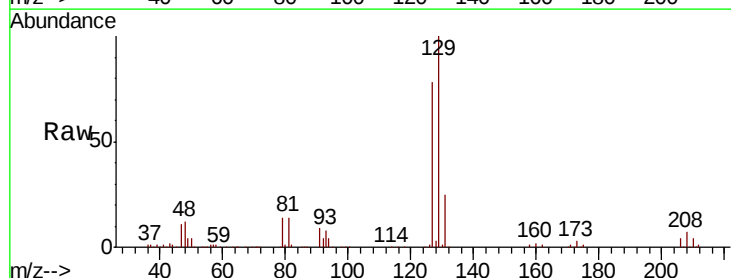
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

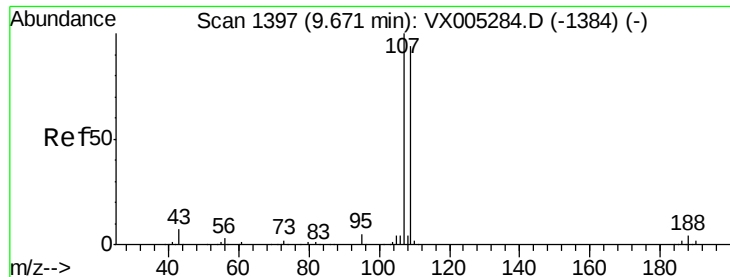
Tot Ion: 43 Resp: 889938
Ion Ratio Lower Upper
43 100
58 53.6 29.0 87.0



#60
Dibromochloromethane
Concen: 54.487 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 129 Resp: 139192
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.244 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

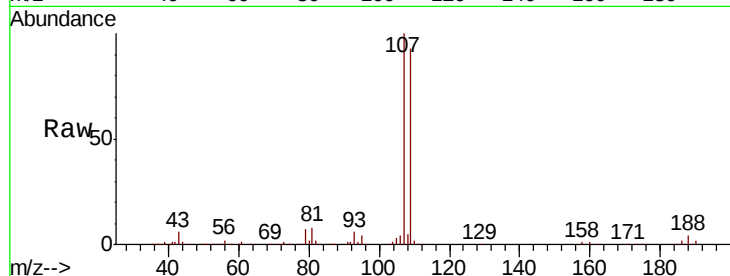
FA18-MMW3414MS

Tot Ion:107 Resp: 135502

Ion Ratio Lower Upper

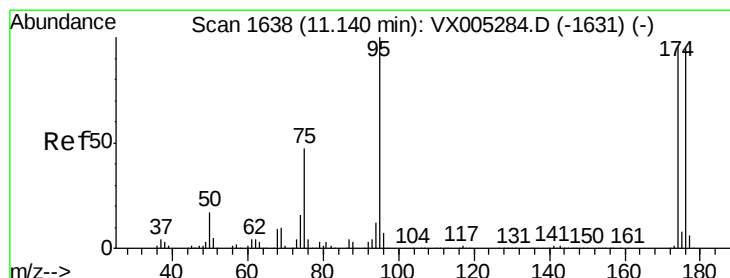
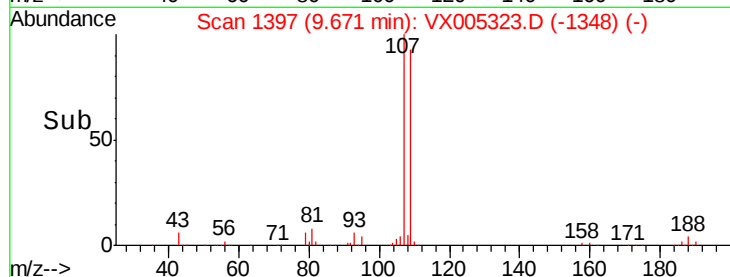
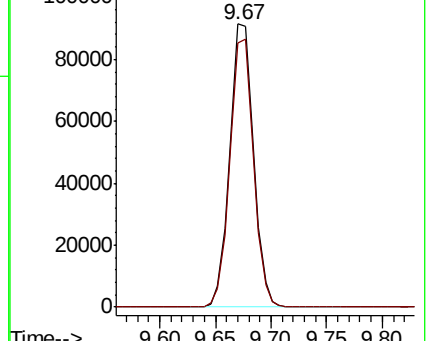
107 100

109 94.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.471 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

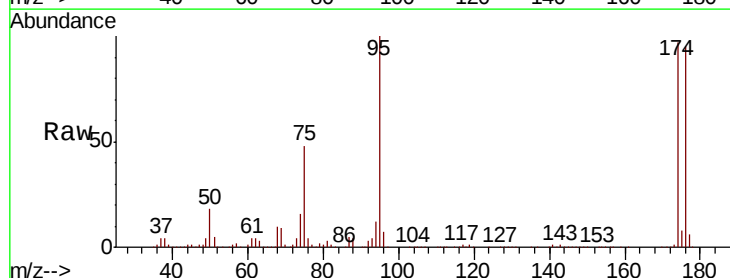
Tgt Ion: 95 Resp: 161398

Ion Ratio Lower Upper

95 100

174 95.6 0.0 185.2

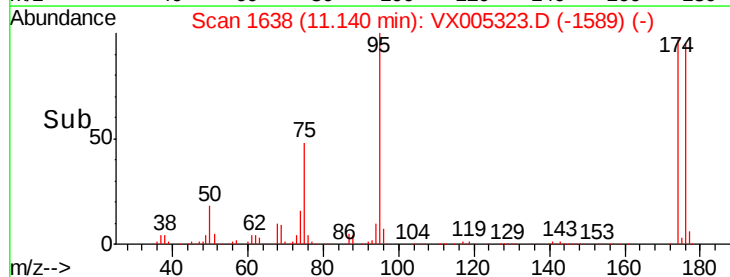
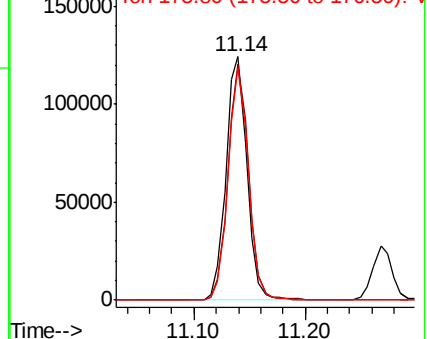
176 92.8 0.0 178.6

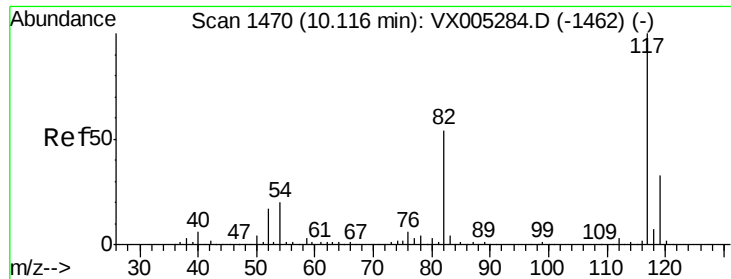


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

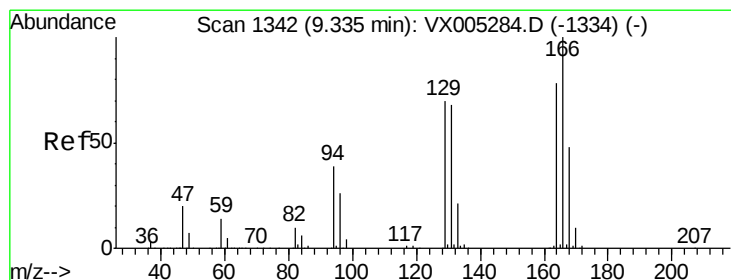
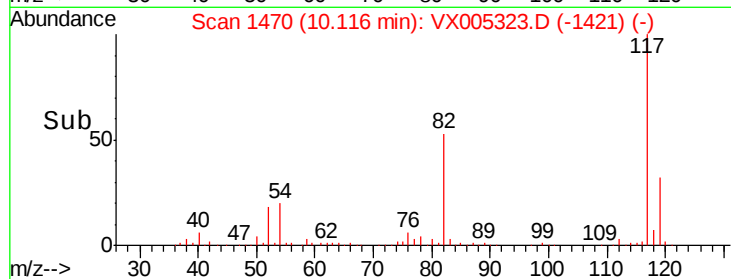
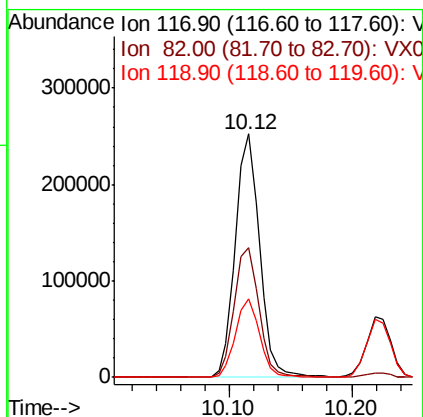
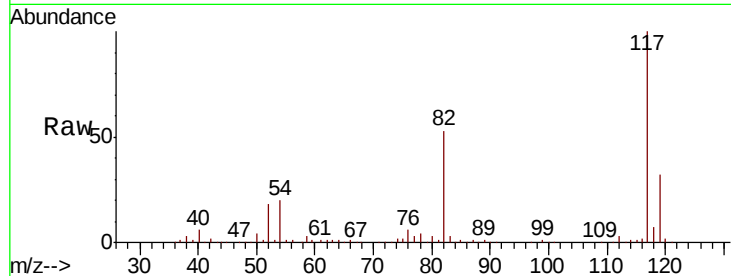




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

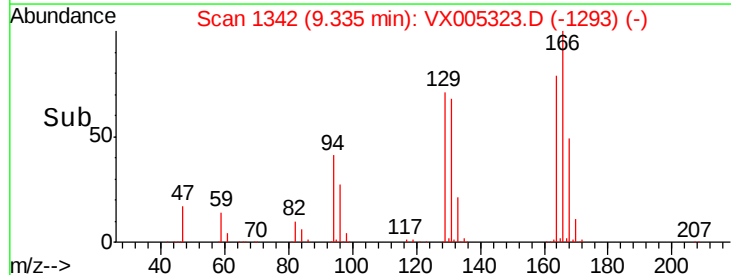
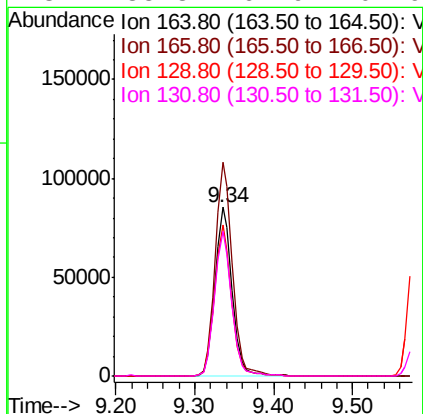
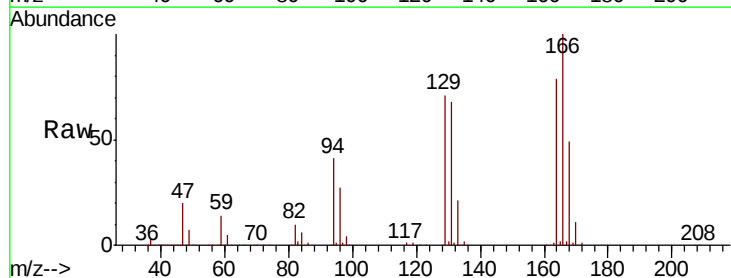
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

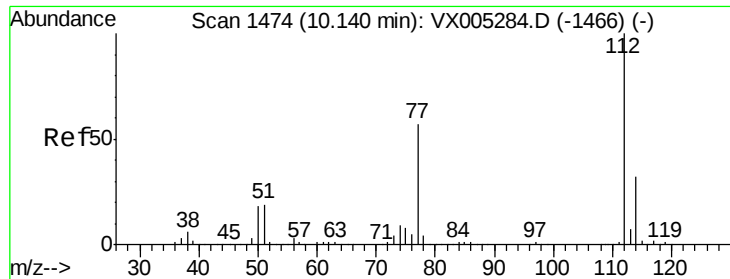
Tot Ion:117 Resp: 347336
Ion Ratio Lower Upper
117 100
82 53.5 47.8 71.6
119 32.2 29.3 43.9



#64
Tetrachloroethene
Concen: 46.242 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion:164 Resp: 129305
Ion Ratio Lower Upper
164 100
166 126.5 102.8 154.2
129 89.8 69.4 104.0
131 85.8 67.9 101.9





#65

Chlorobenzene

Concen: 48.327 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

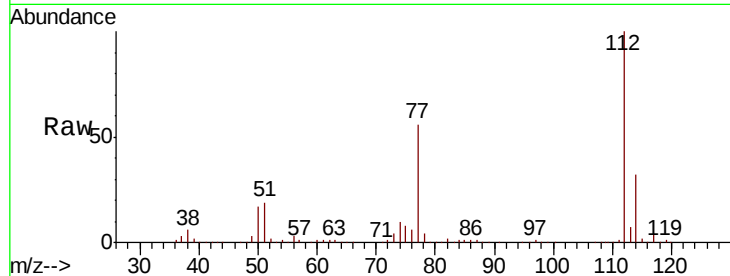
FA18-MMW3414MS

Tot Ion:112 Resp: 357056

Ion Ratio Lower Upper

112 100

114 32.2 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

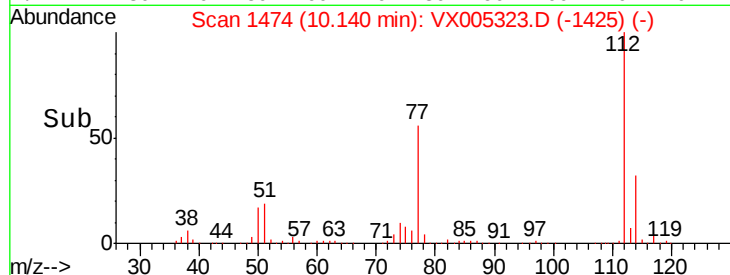
100000

50000

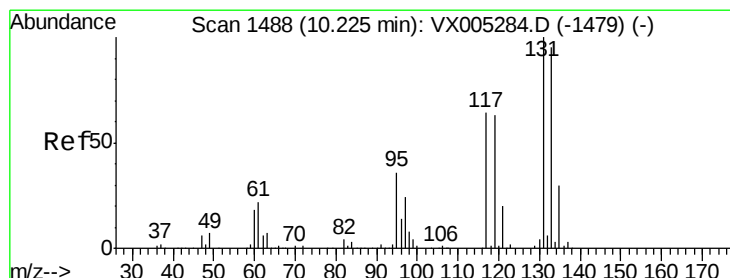
0

10.00

10.20



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.815 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

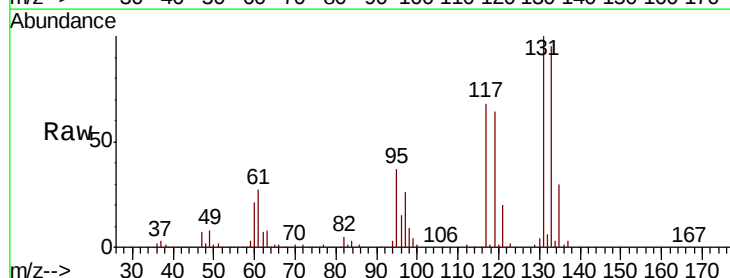
Tgt Ion:131 Resp: 131157

Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

119 63.0 32.9 98.6



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

120000

100000

80000

60000

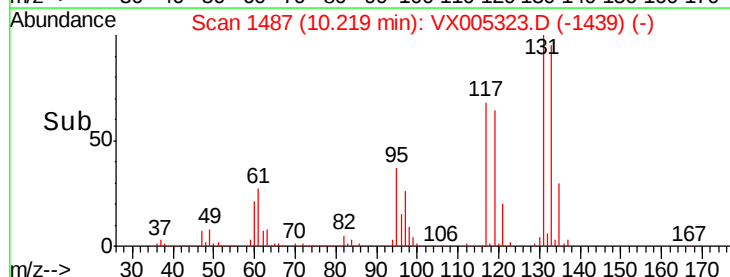
40000

20000

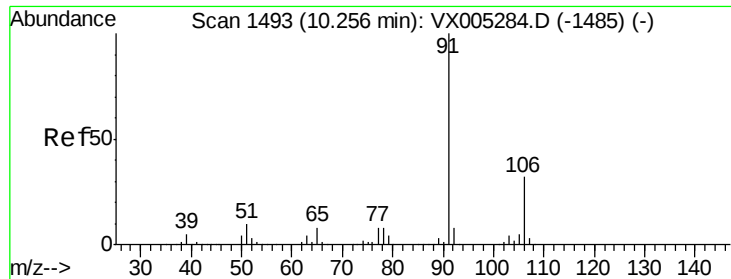
0

10.20

10.30



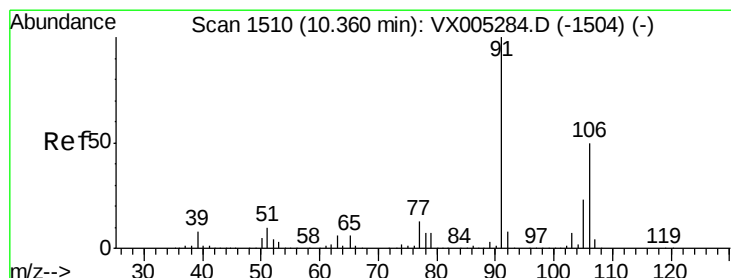
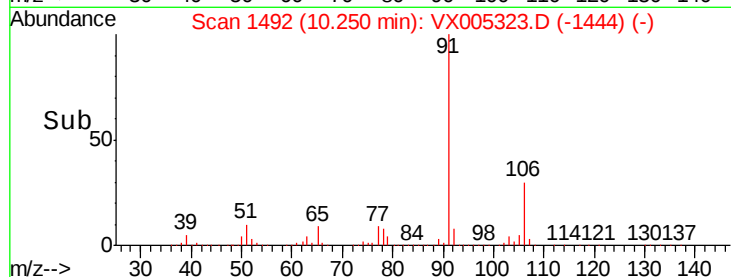
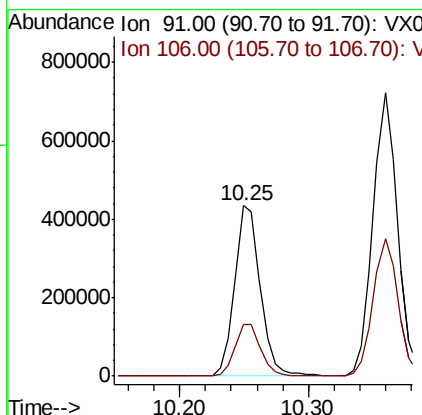
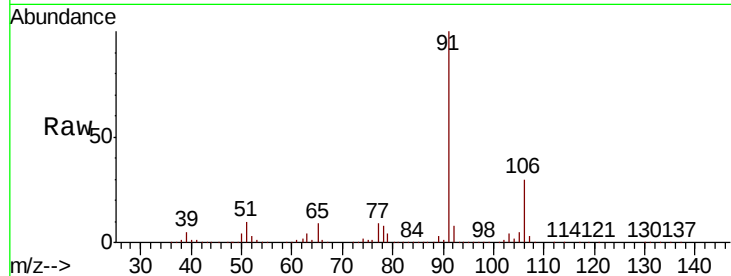
Time-->



#67
Ethvl Benzene
Concen: 50.317 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

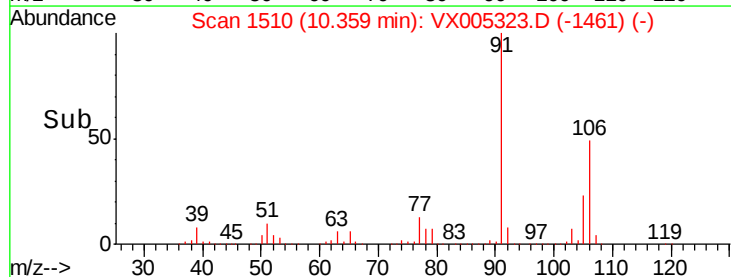
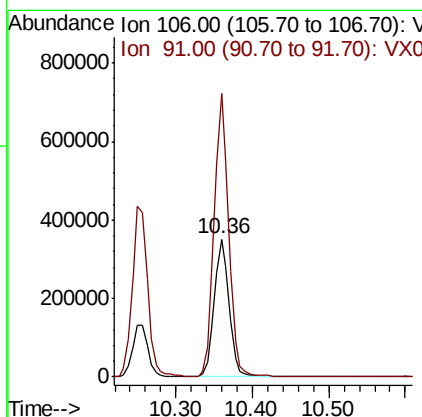
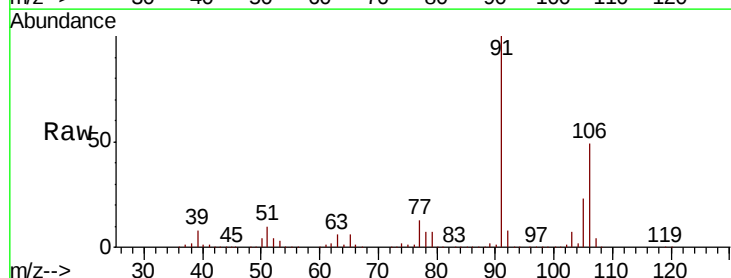
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

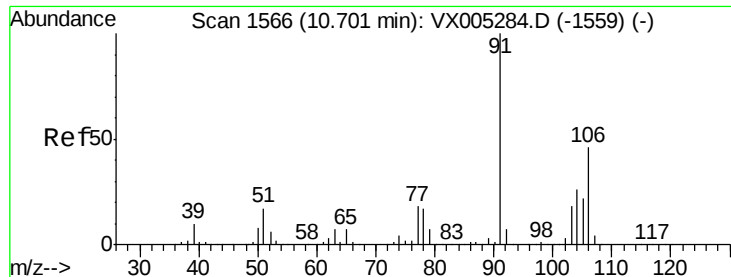
Tot Ion: 91 Resp: 604351
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9



#68
m/p-Xylenes
Concen: 101.054 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 106 Resp: 471098
Ion Ratio Lower Upper
106 100
91 203.2 157.1 235.7

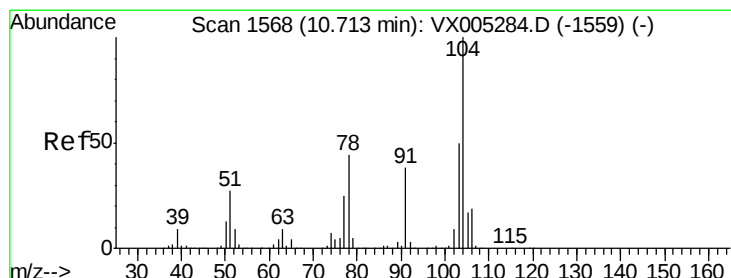
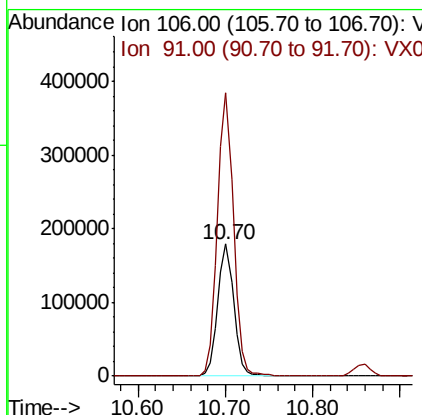
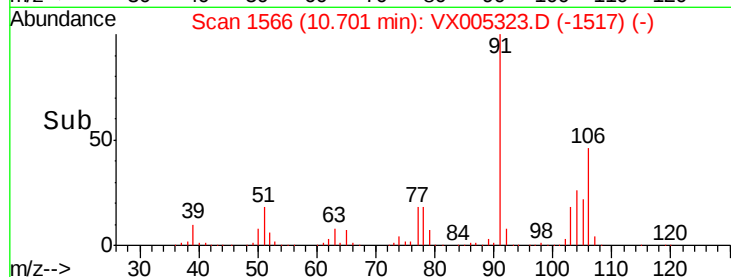
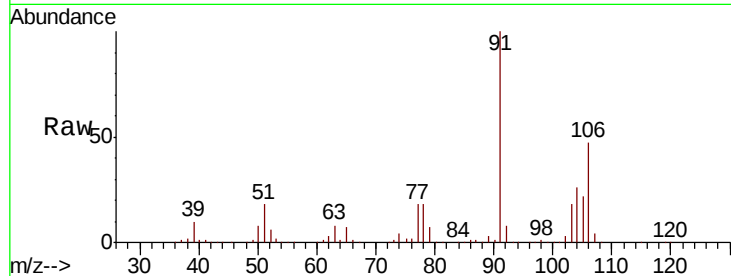




#69
o-Xylene
Concen: 50.451 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

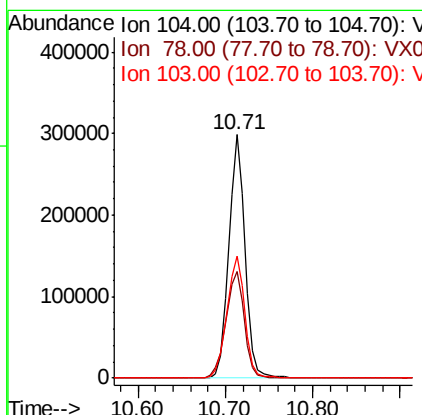
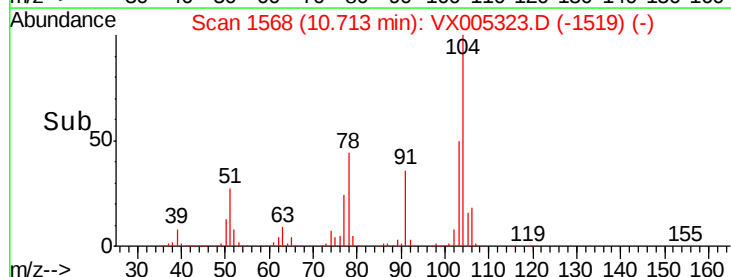
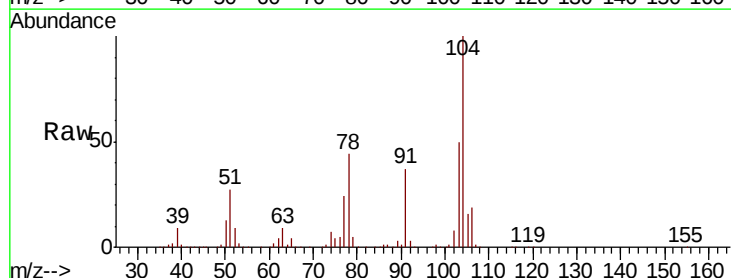
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

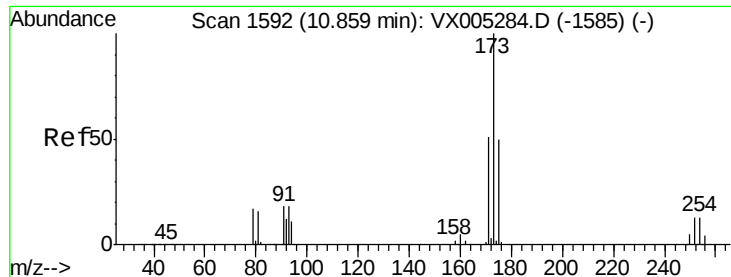
Tot Ion:106 Resp: 226830
Ion Ratio Lower Upper
106 100
91 215.4 105.1 315.1



#70
Styrene
Concen: 52.071 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion:104 Resp: 385070
Ion Ratio Lower Upper
104 100
78 49.6 37.4 56.0
103 55.5 43.8 65.6

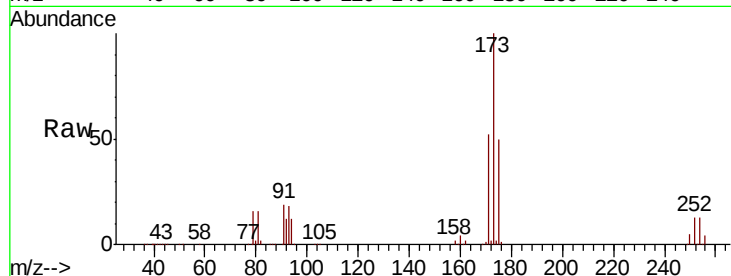




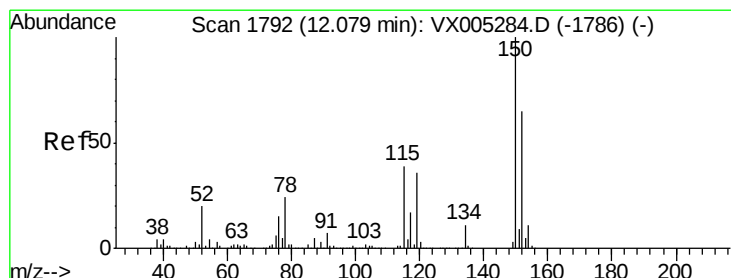
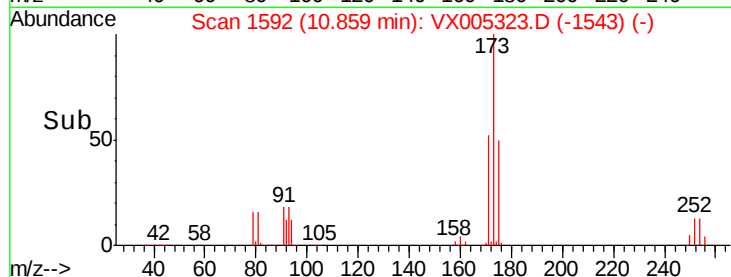
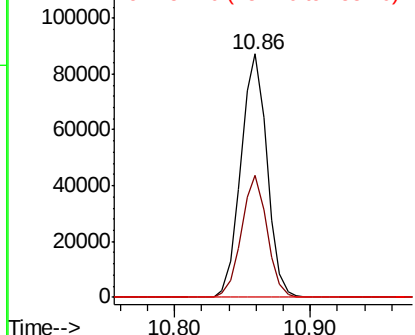
#71
Bromoform
Concen: 49.631 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tot Ion:173 Resp: 116774
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.3
254 0.2 0.2 0.2#

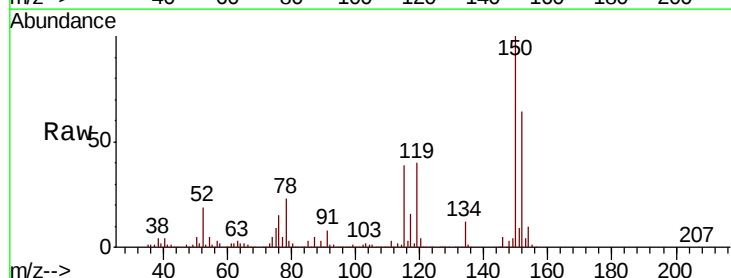


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

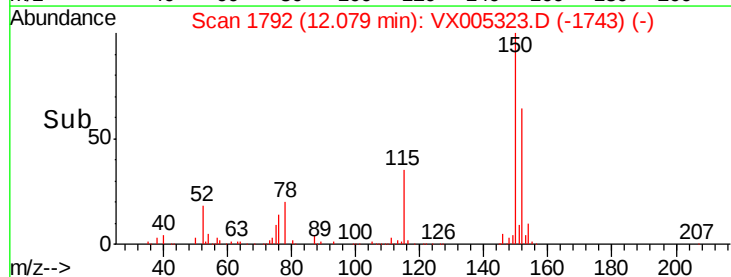
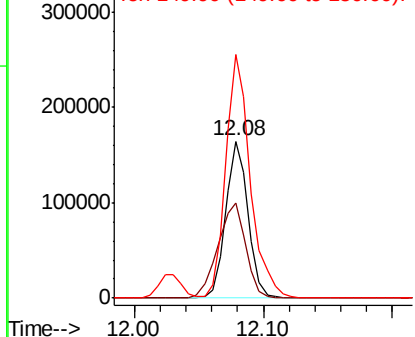


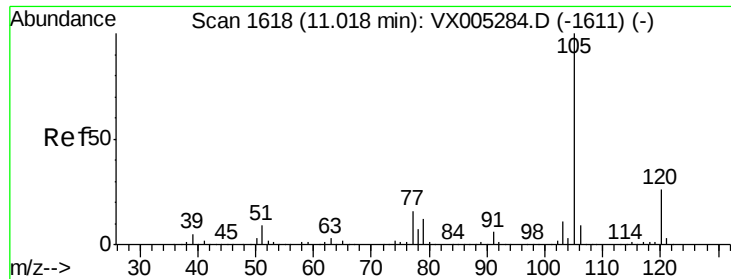
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion:152 Resp: 199257
Ion Ratio Lower Upper
152 100
115 76.0 39.0 117.0
150 171.3 0.0 351.0



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

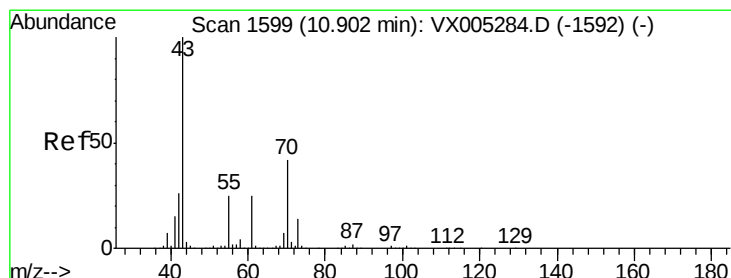
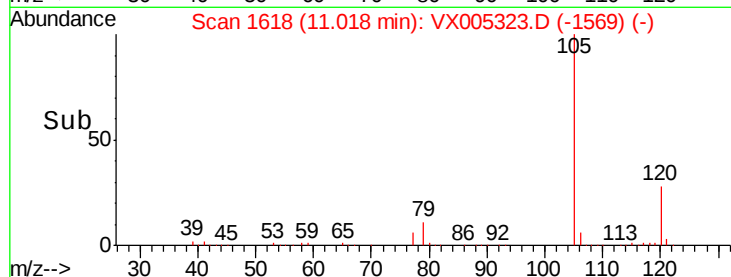
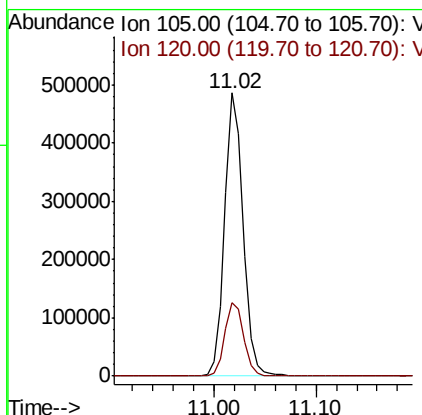
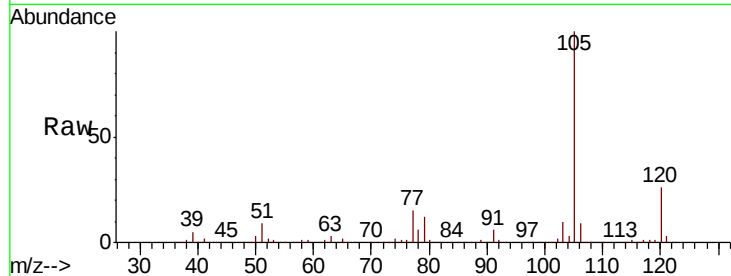




#73
Isopropylbenzene
Concen: 51.770 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

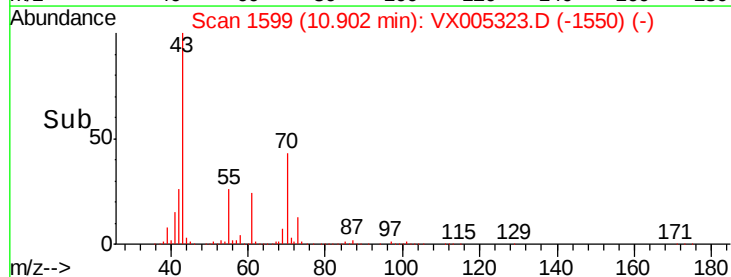
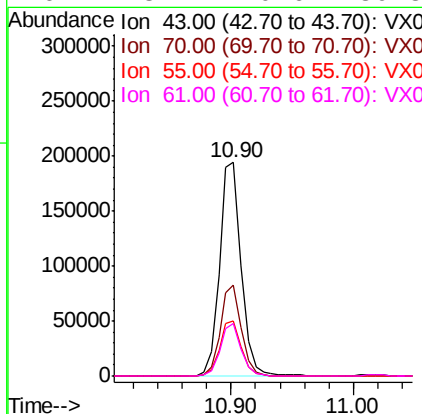
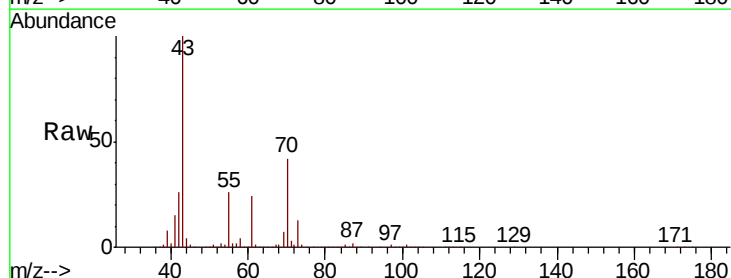
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

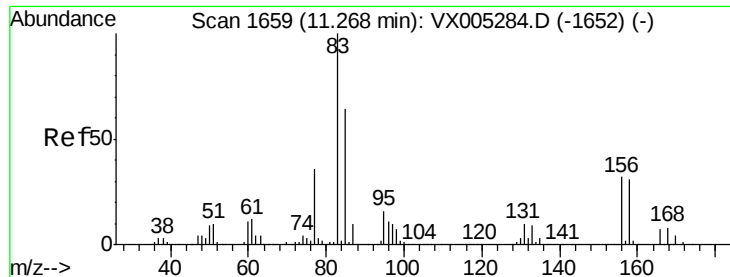
Tot Ion:105 Resp: 613232
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 41.731 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 43 Resp: 238418
Ion Ratio Lower Upper
43 100
70 41.2 37.4 56.0
55 25.9 21.8 32.8
61 23.7 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.247 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

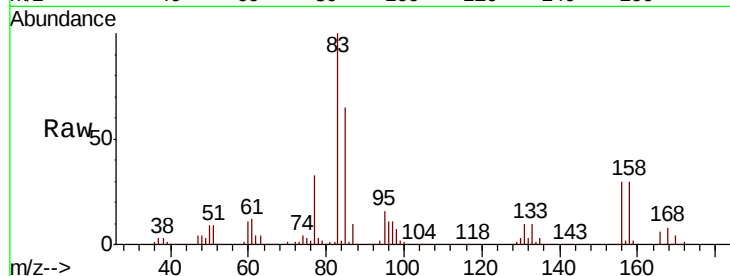
Tot Ion: 83 Resp: 215586

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

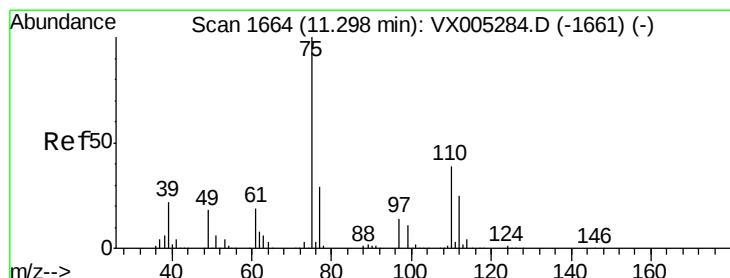
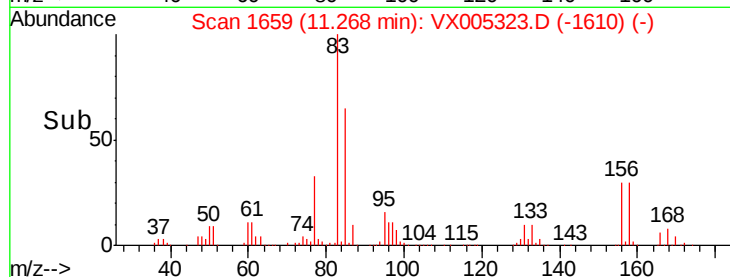
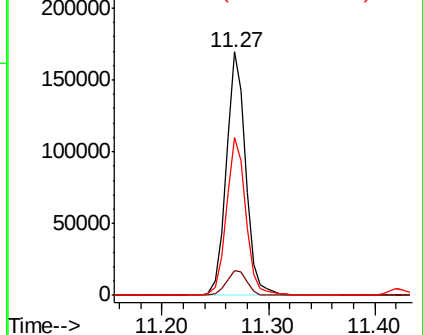
85 65.2 32.3 96.8



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: 62.905 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005323.D

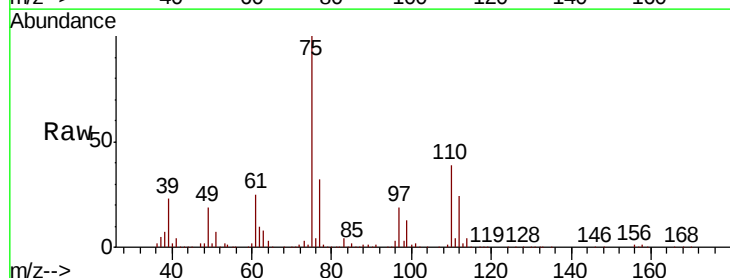
Acq: 13 Oct 2018 05:24

Tgt Ion: 75 Resp: 243130

Ion Ratio Lower Upper

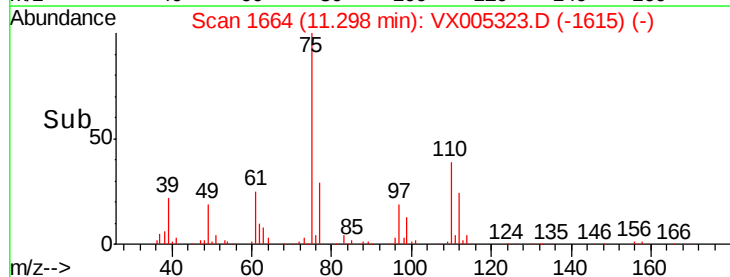
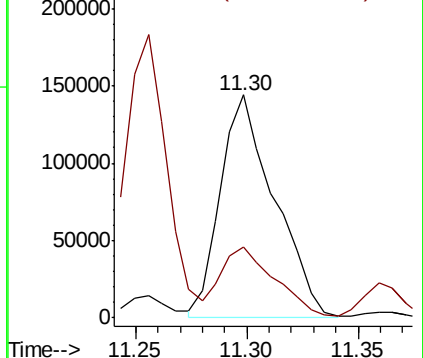
75 100

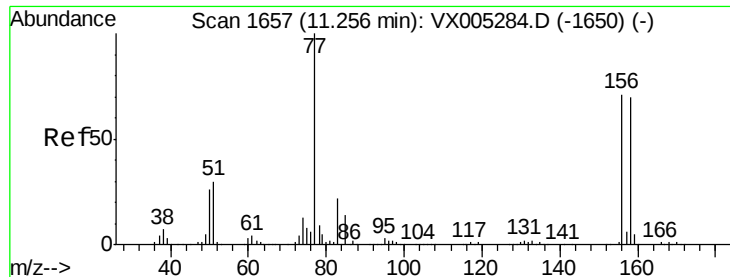
77 32.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.694 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

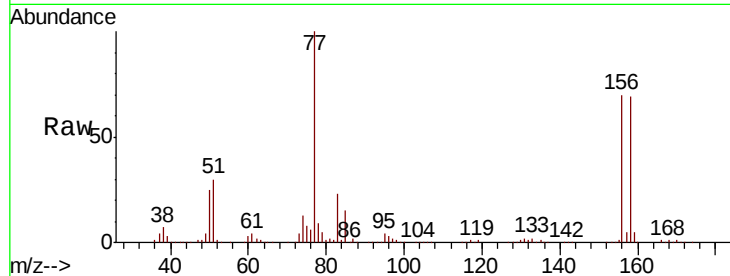
Tot Ion:156 Resp: 168308

Ion Ratio Lower Upper

156 100

77 142.3 71.5 214.3

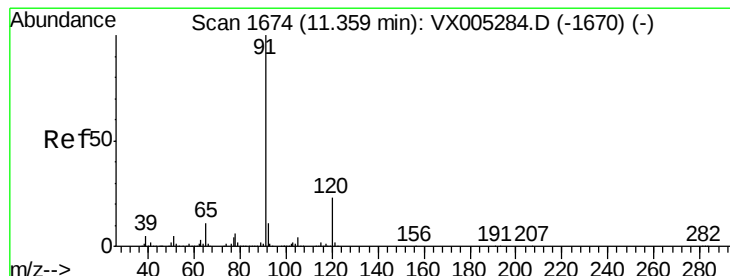
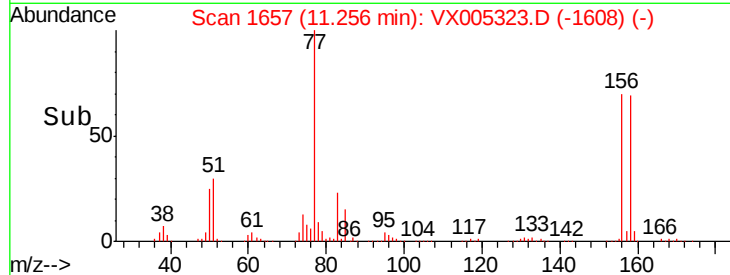
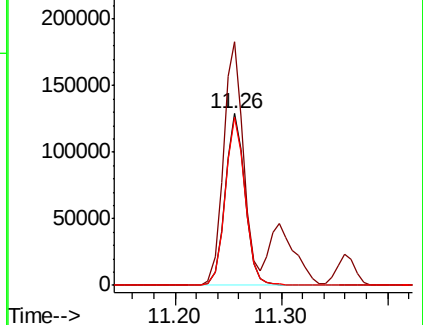
158 98.1 48.9 146.8



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: 51.334 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005323.D

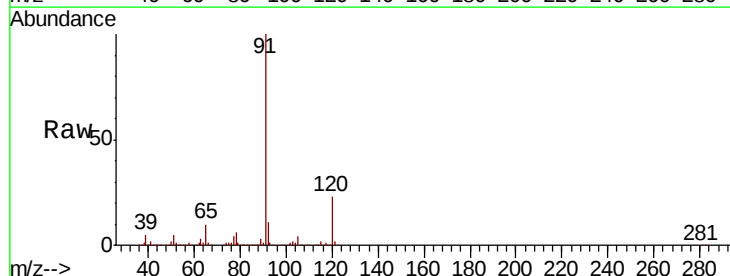
Acq: 13 Oct 2018 05:24

Tgt Ion: 91 Resp: 699729

Ion Ratio Lower Upper

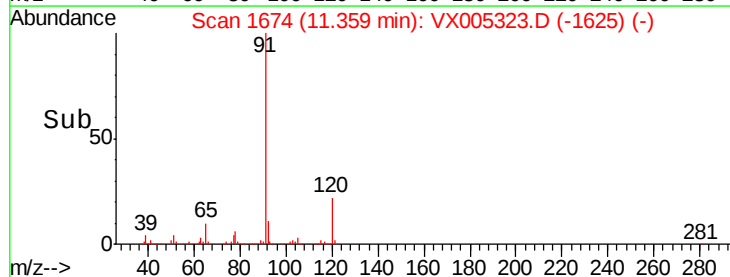
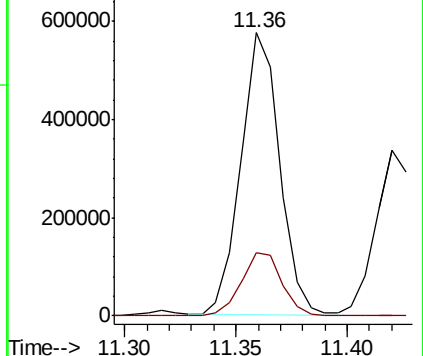
91 100

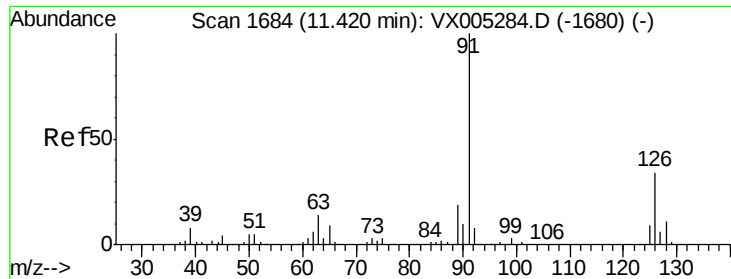
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

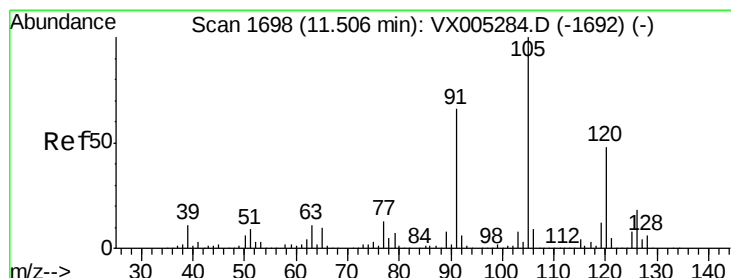
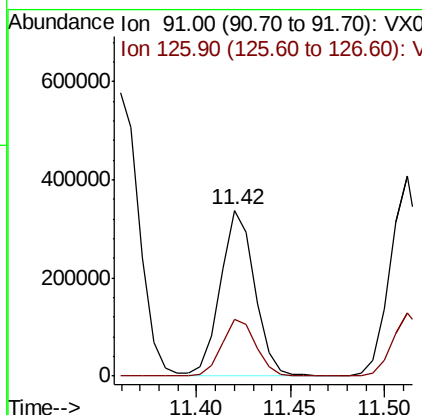
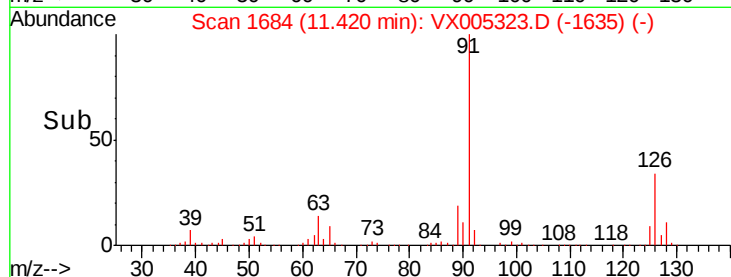
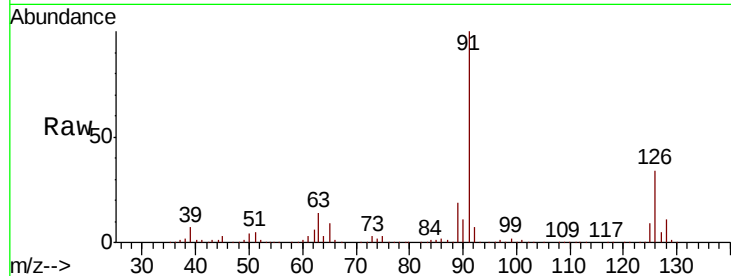




#79
 2-Chlorotoluene
 Concen: 50.247 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

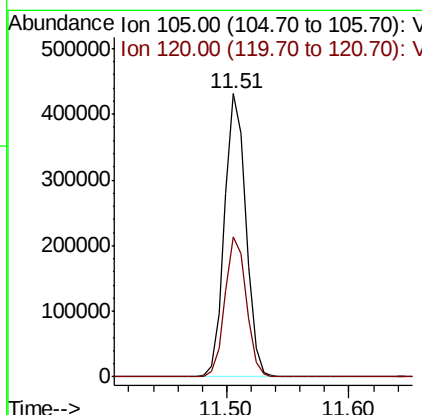
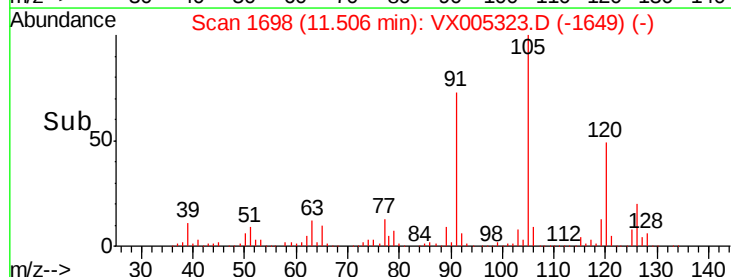
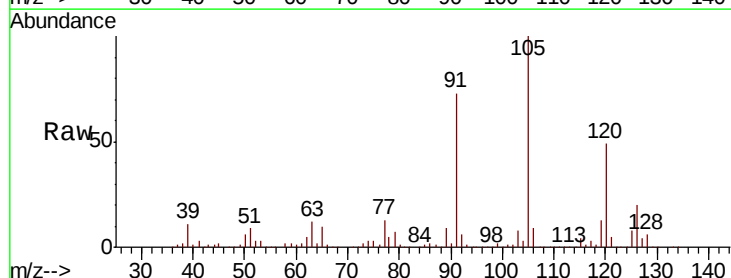
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

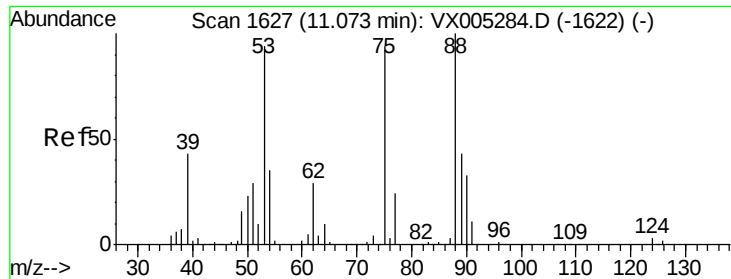
Tot Ion: 91 Resp: 419463
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.330 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion: 105 Resp: 520674
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 42.536 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

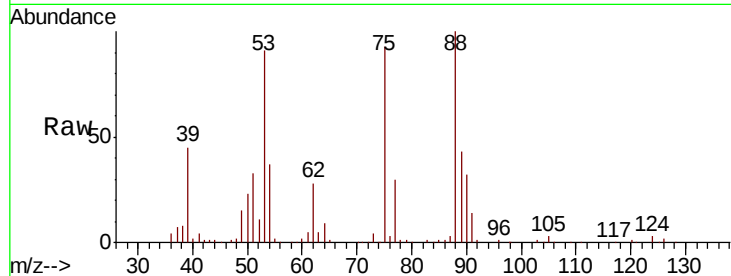
Tot Ion: 75 Resp: 54107

Ion Ratio Lower Upper

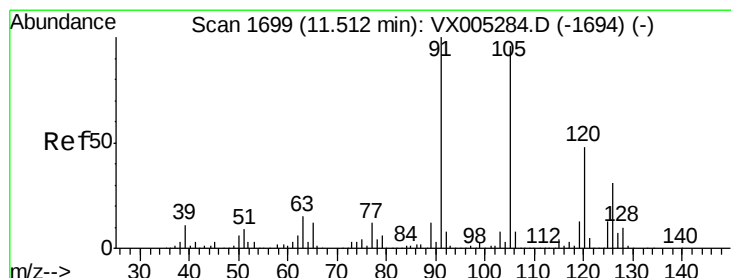
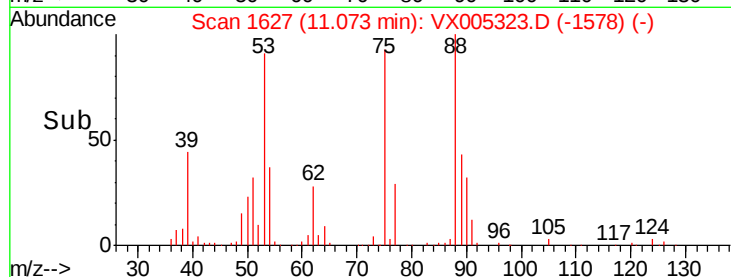
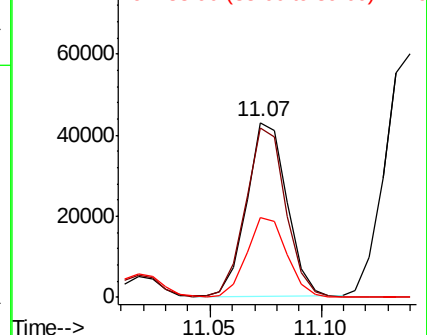
75 100

53 97.1 80.1 120.1

89 46.2 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.137 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005323.D

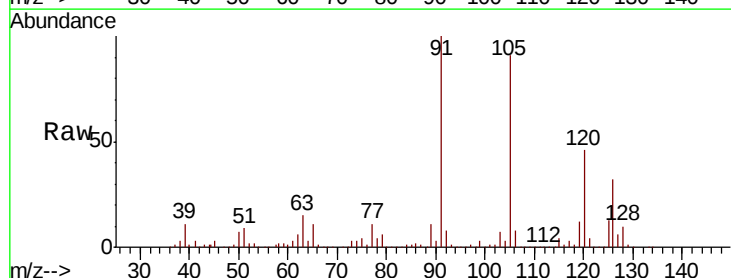
Acq: 13 Oct 2018 05:24

Tgt Ion: 91 Resp: 496150

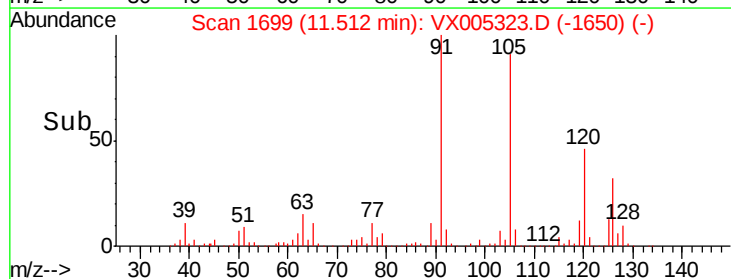
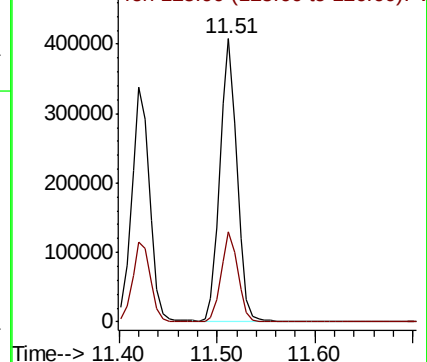
Ion Ratio Lower Upper

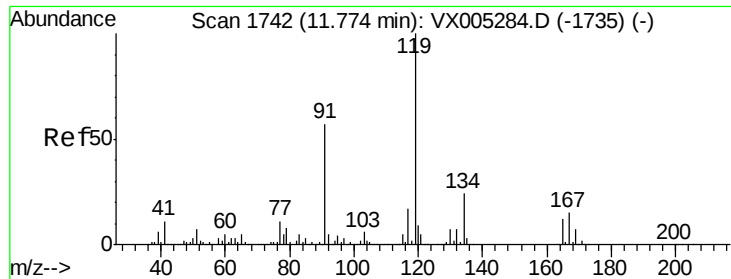
91 100

126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

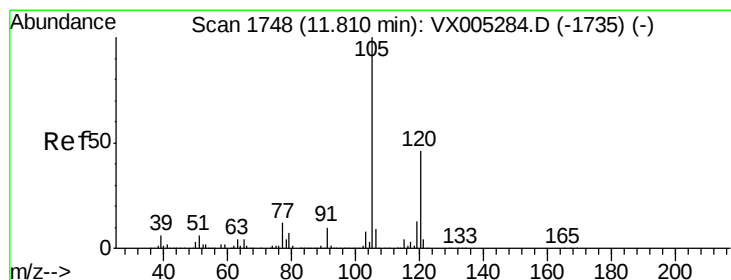
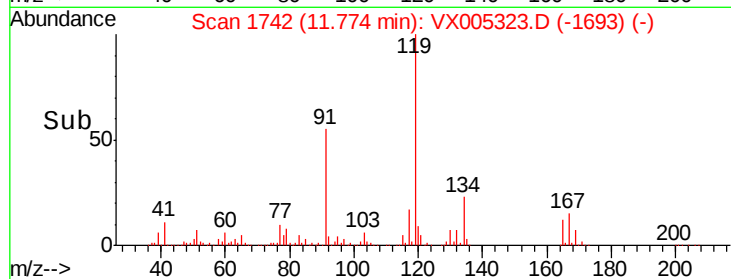
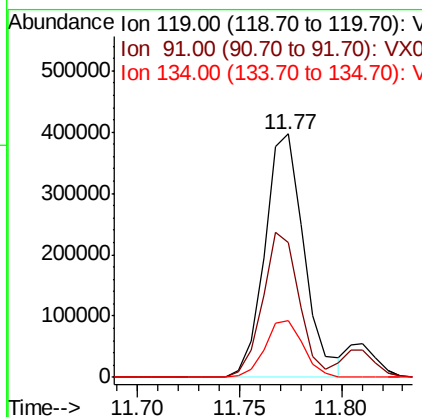
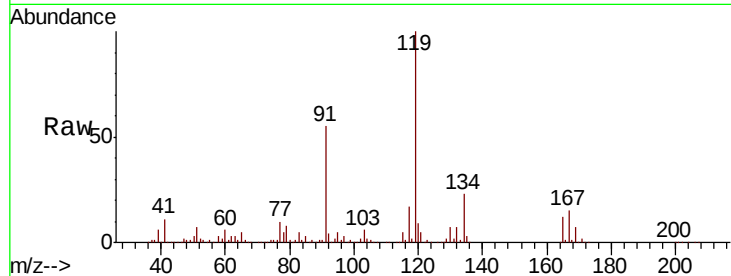




#83
 tert-Butylbenzene
 Concen: 51.867 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

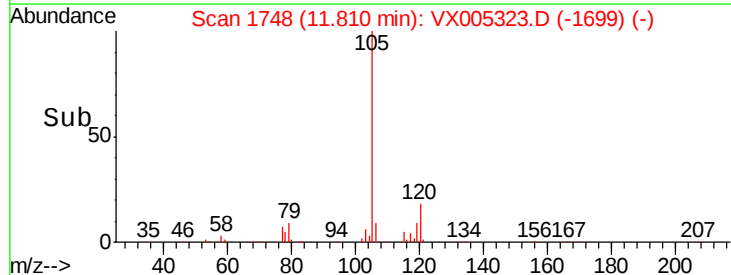
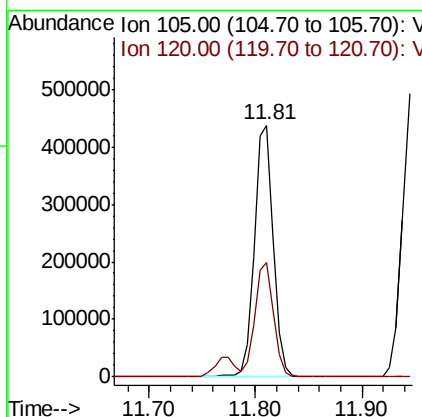
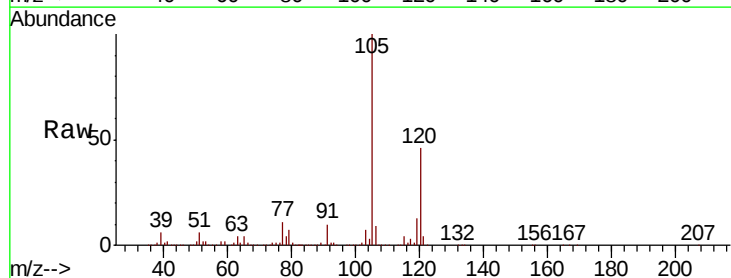
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

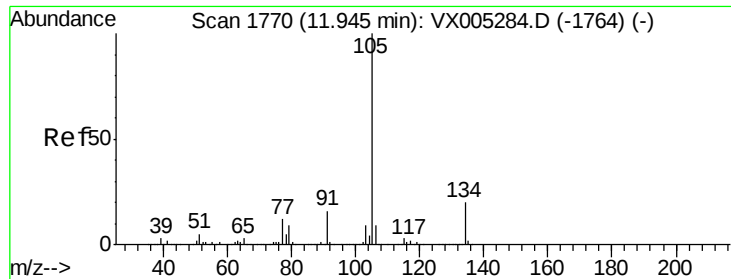
Tot Ion:119 Resp: 532775
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.0 81.0
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.030 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion:105 Resp: 543126
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.195 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

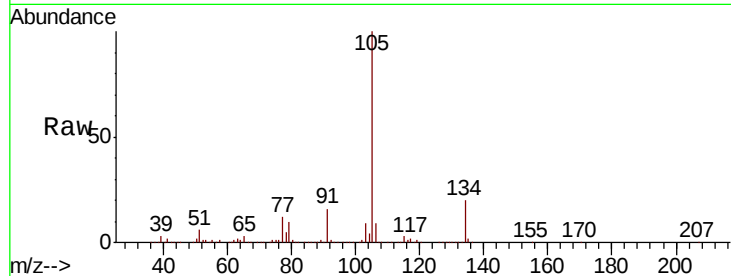
FA18-MMW3414MS

Tot Ion:105 Resp: 622332

Ion Ratio Lower Upper

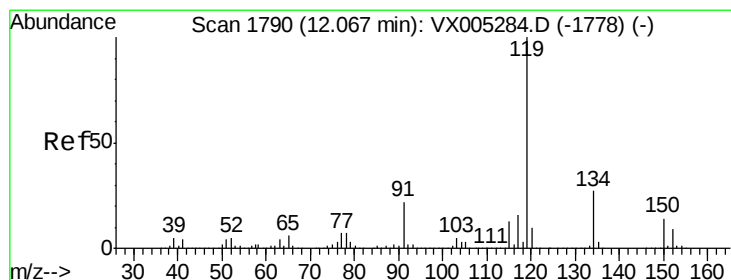
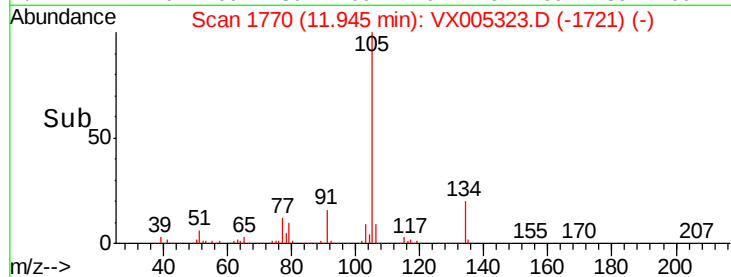
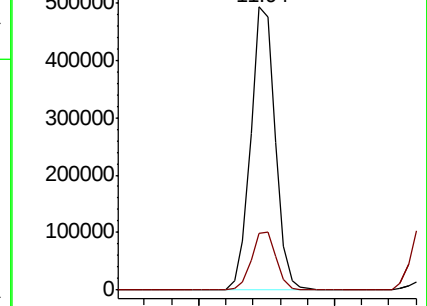
105 100

134 20.6 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.135 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

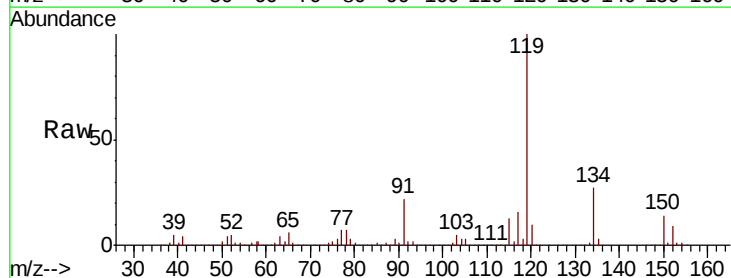
Tgt Ion:119 Resp: 561827

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

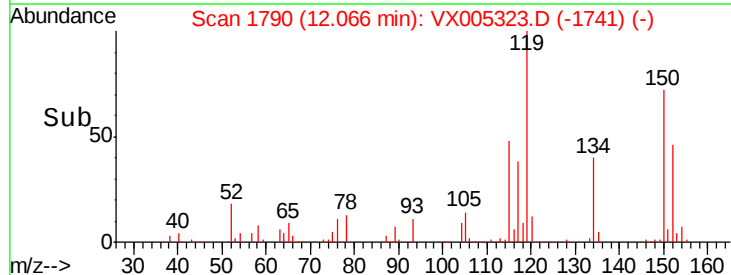
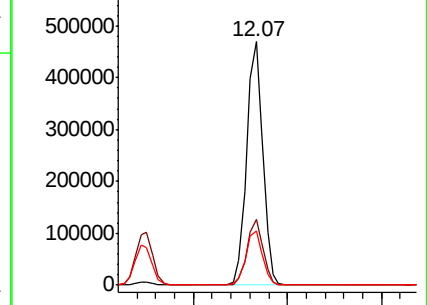
91 22.7 10.9 32.7

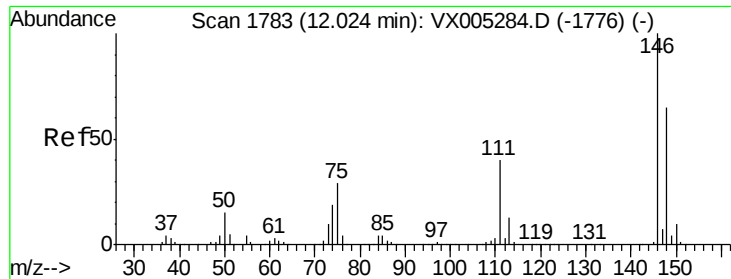


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.493 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

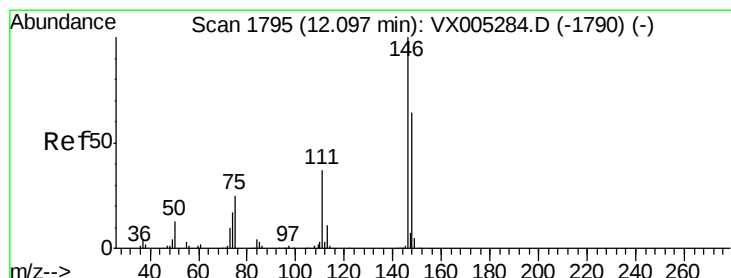
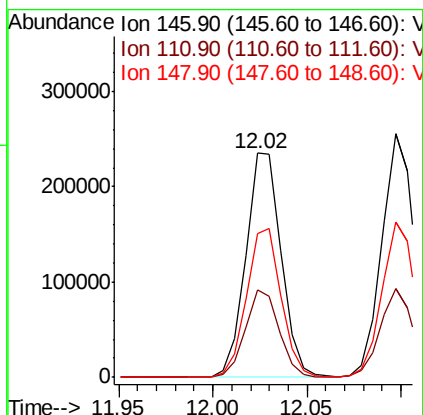
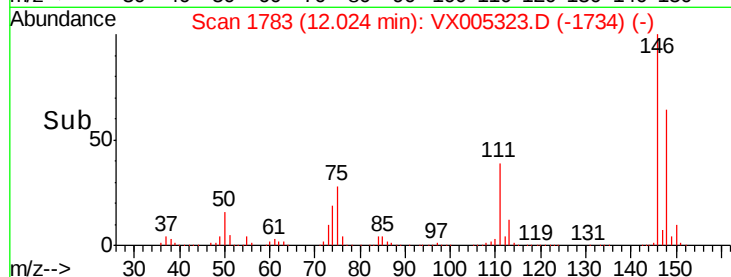
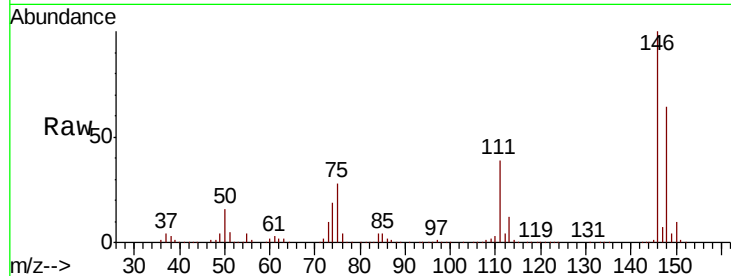
Tot Ion:146 Resp: 306900

Ion Ratio Lower Upper

146 100

111 37.5 18.7 56.1

148 64.9 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 48.375 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

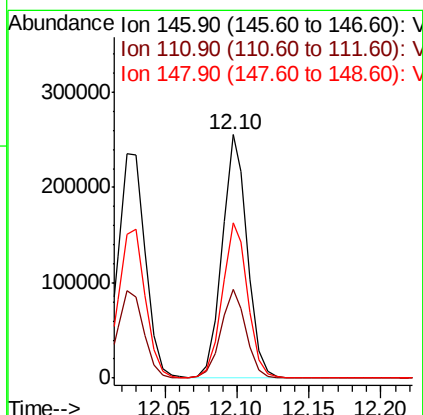
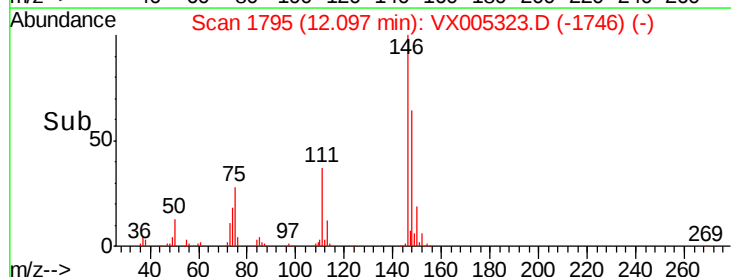
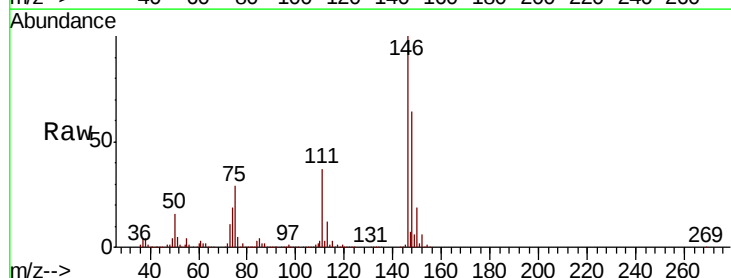
Tgt Ion:146 Resp: 313198

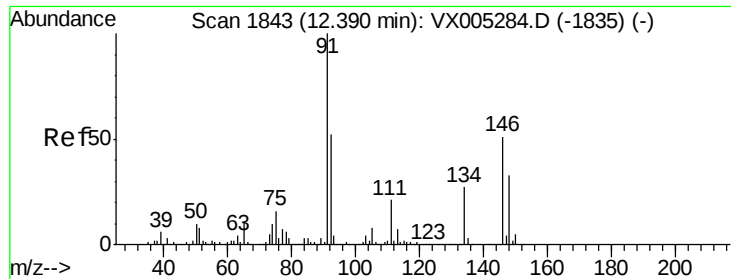
Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.1

148 64.5 32.0 96.0

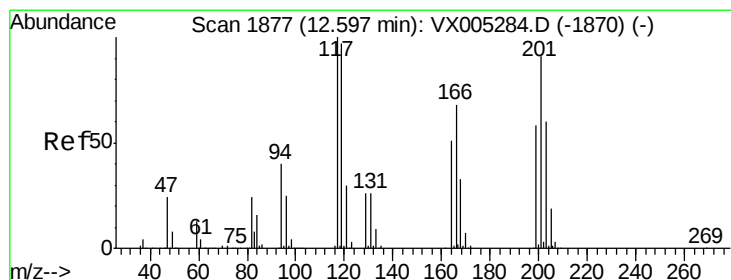
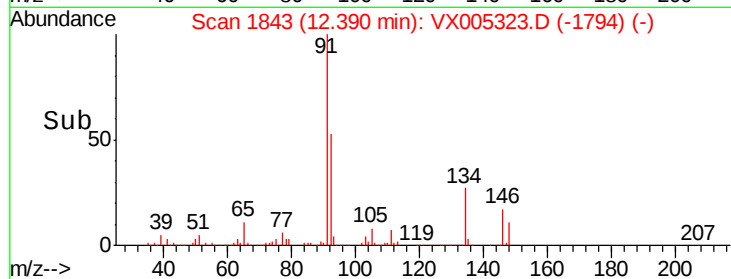
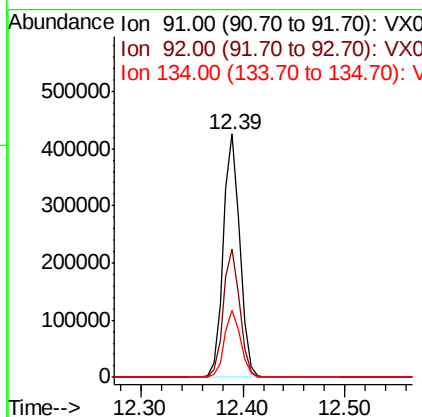
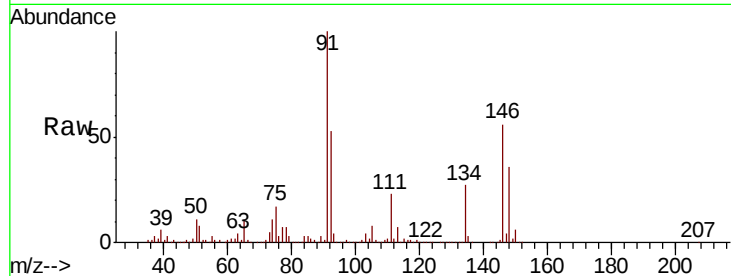




#89
n-Butylbenzene
Concen: 48.216 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

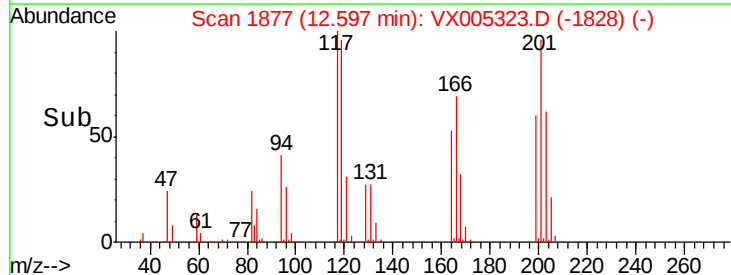
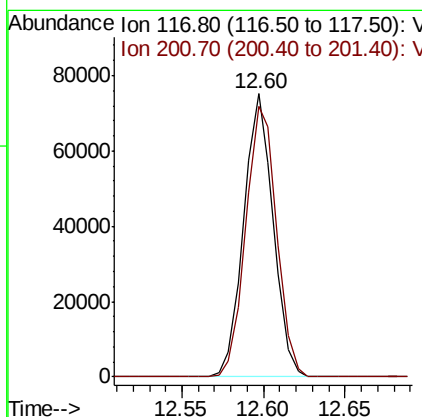
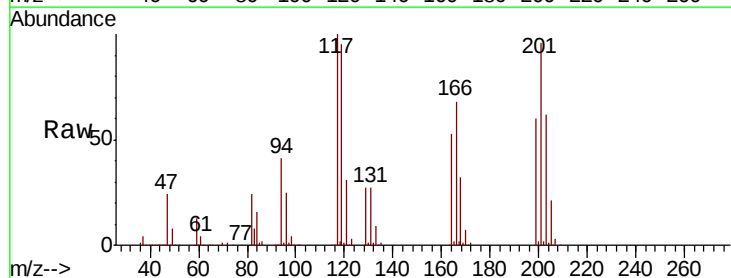
Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

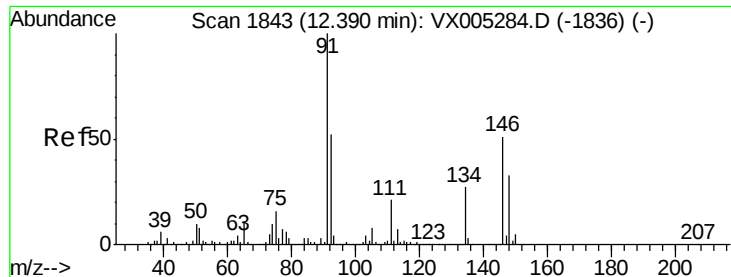
Tot Ion: 91 Resp: 480997
Ion Ratio Lower Upper
91 100
92 52.3 27.3 81.9
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 49.954 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 117 Resp: 94589
Ion Ratio Lower Upper
117 100
201 100.3 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 48.543 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

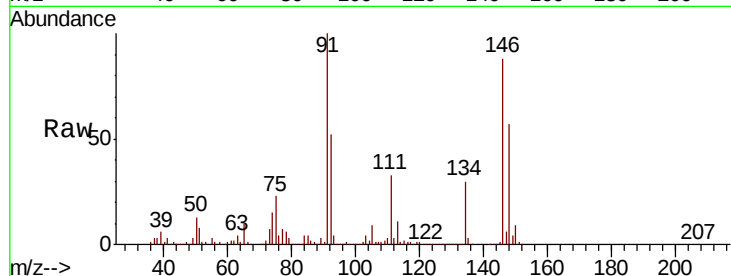
Tot Ion:146 Resp: 313507

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

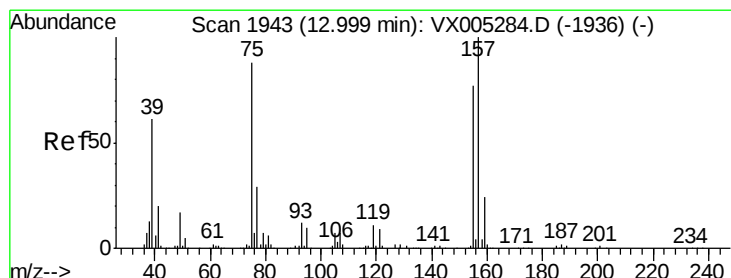
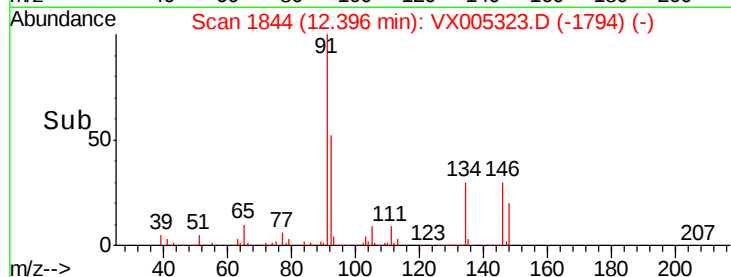
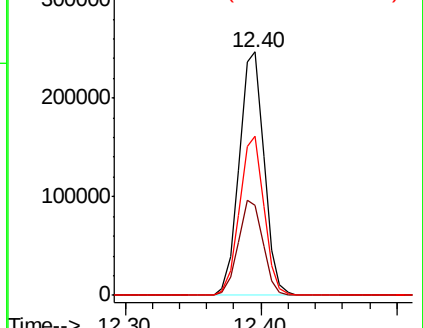
148 64.5 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.318 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

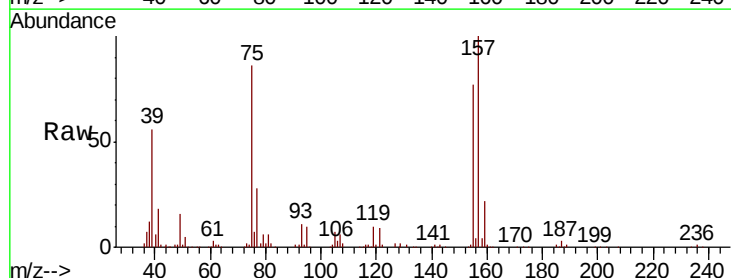
Tgt Ion: 75 Resp: 52665

Ion Ratio Lower Upper

75 100

155 95.6 48.0 144.2

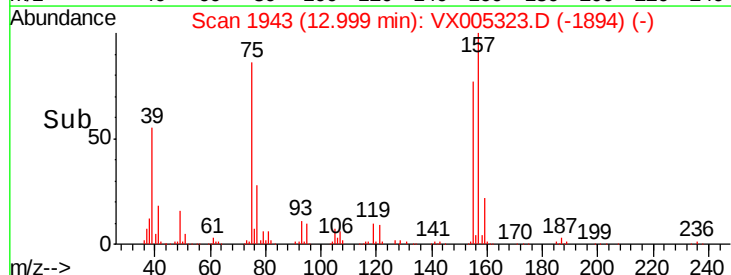
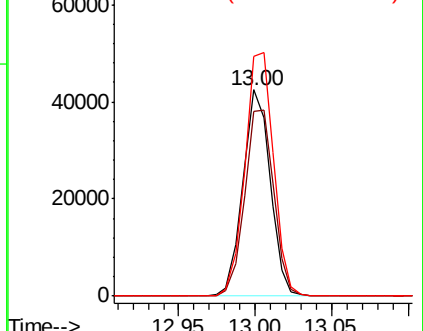
157 123.4 61.4 184.1

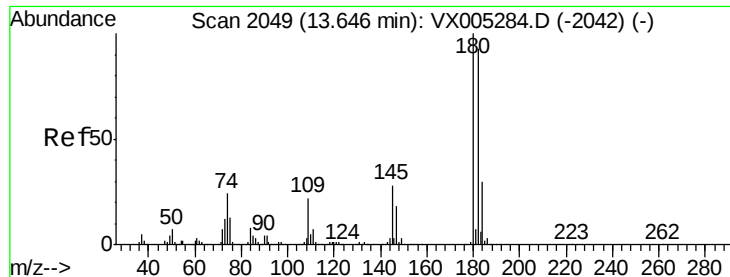


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

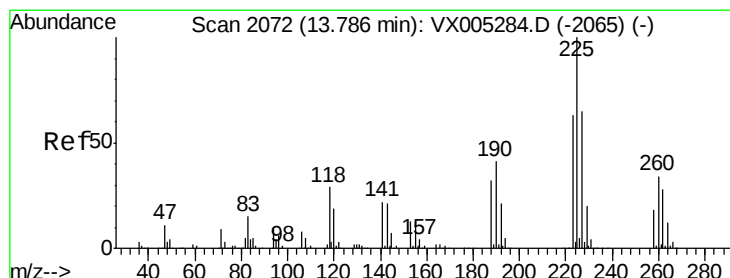
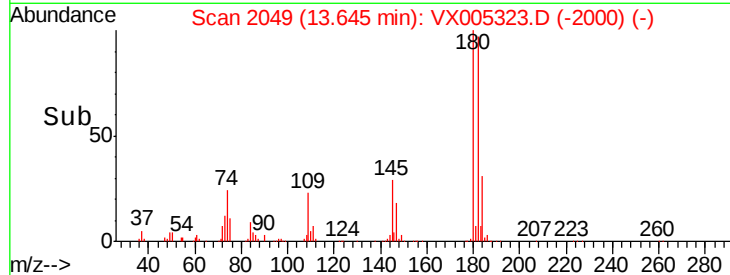
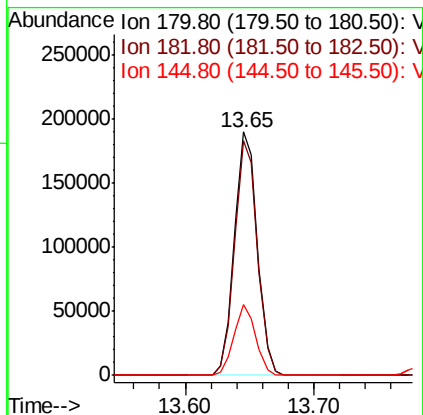
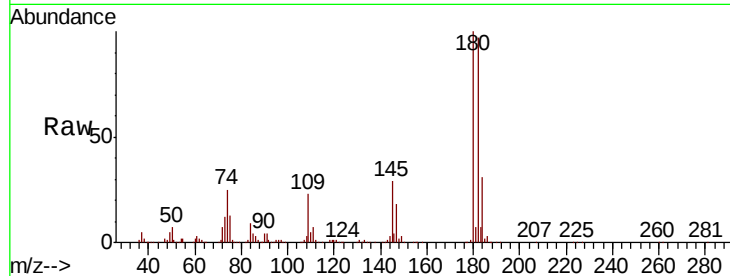




#93
 1,2,4-Trichlorobenzene
 Concen: 49.757 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

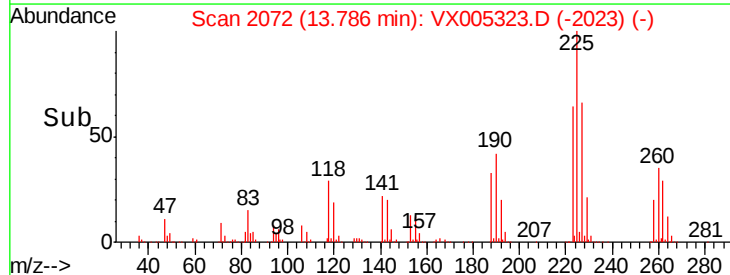
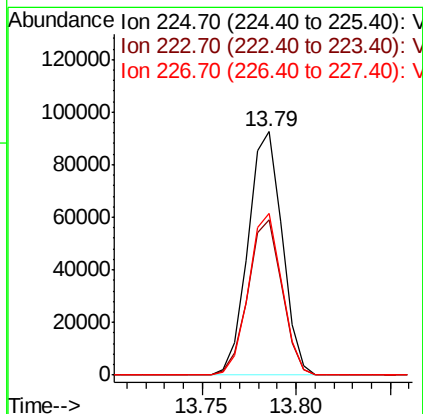
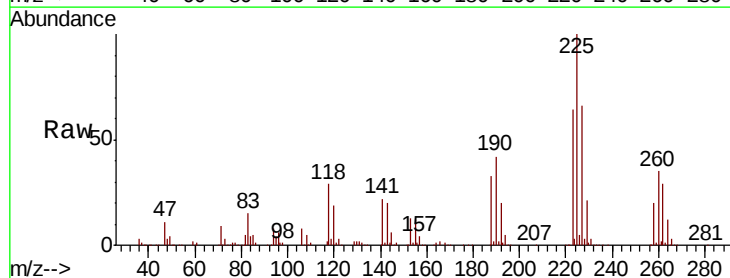
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

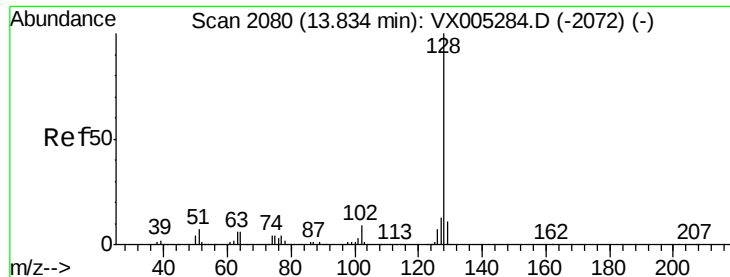
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.0
145	27.7	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 46.471 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.1	90.5
227	64.8	30.8	92.4

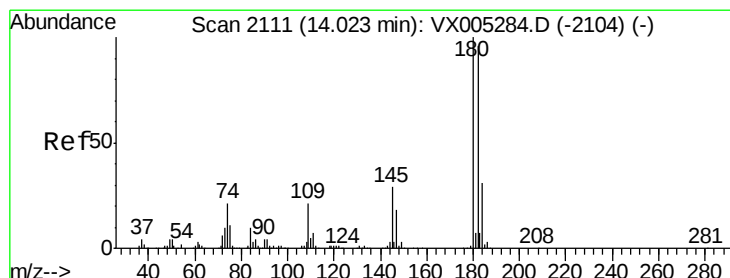
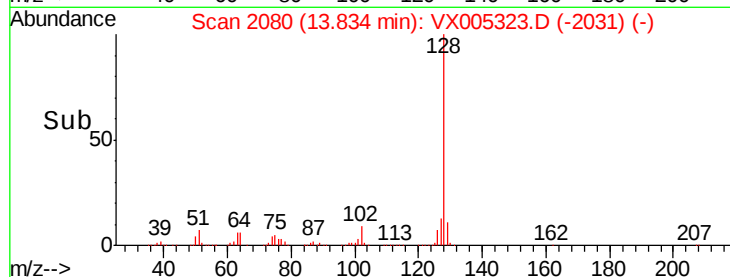
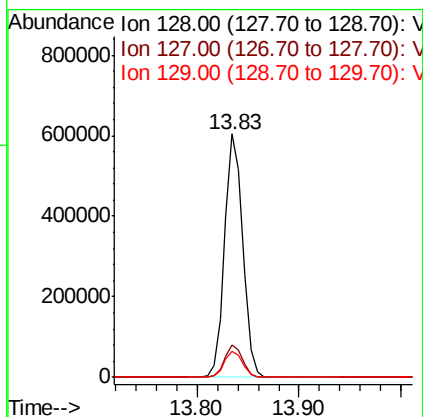
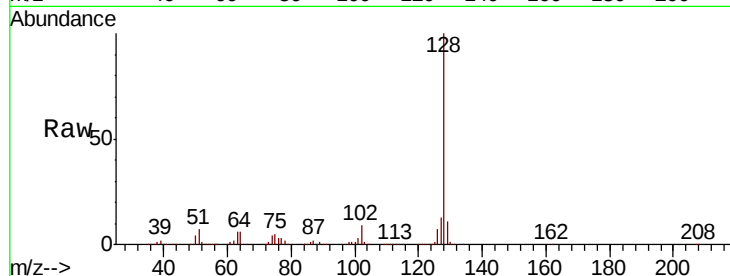




#95
Naphthalene
Concen: 54.236 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.392 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.5	145.6
145	29.6	14.9	44.9

