

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016114.D
 Acq On : 08 May 2020 12:30
 Operator : JC/SP
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Quant Time: May 09 02:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	469236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217144	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	184235	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	5.46	113	141215	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	8.70	98	555172	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.12	95	212204	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	59301	19.115	ug/l	99
3) Chloromethane	1.31	50	65185	18.093	ug/l	97
4) Vinyl Chloride	1.39	62	69134	17.986	ug/l	100
5) Bromomethane	1.63	94	43803	22.604	ug/l	97
6) Chloroethane	1.71	64	42652	18.237	ug/l	98
7) Trichlorofluoromethane	1.92	101	90411	17.916	ug/l	100
8) Diethyl Ether	2.17	74	38298	18.012	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55611	19.101	ug/l	100
10) Methyl Iodide	2.49	142	67729	17.319	ug/l	100
11) Tert butyl alcohol	3.01	59	90210	92.497	ug/l	99
12) 1,1-Dichloroethene	2.36	96	53909	17.694	ug/l	95
13) Acrolein	2.27	56	46189	75.683	ug/l	99
14) Allyl chloride	2.70	41	102183	18.292	ug/l	98
15) Acrylonitrile	3.11	53	189843	93.832	ug/l	99
16) Acetone	2.42	43	156332	90.845	ug/l	97
17) Carbon Disulfide	2.55	76	163190	17.702	ug/l	99
18) Methyl Acetate	2.75	43	81313	19.218	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	201222	19.159	ug/l	100
20) Methylene Chloride	2.83	84	64563	18.199	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	61656	18.160	ug/l	97
22) Diisopropyl ether	3.82	45	201314	19.102	ug/l	93
23) Vinyl Acetate	3.78	43	886916	95.656	ug/l	100
24) 1,1-Dichloroethane	3.67	63	111870	18.976	ug/l	99
25) 2-Butanone	4.63	43	261056	94.142	ug/l	98
26) 2,2-Dichloropropane	4.55	77	97907	18.185	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	69232	18.652	ug/l	97
28) Bromochloromethane	4.98	49	49220	18.309	ug/l	100
29) Tetrahydrofuran	5.09	42	173198	94.263	ug/l	100
30) Chloroform	5.18	83	111458	18.988	ug/l	97
31) Cyclohexane	5.54	56	100602	18.777	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	99187	18.590	ug/l	100
36) 1,1-Dichloropropene	5.77	75	84349	18.261	ug/l	98
37) Ethyl Acetate	4.79	43	100351	18.745	ug/l	99
38) Carbon Tetrachloride	5.76	117	87568	18.652	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	103924	18.683	ug/l	98
40) Benzene	6.11	78	254963	18.865	ug/l	99
41) Methacrylonitrile	5.00	41	54523	18.858	ug/l	99
42) 1,2-Dichloroethane	6.16	62	91702	18.836	ug/l	99
43) Isopropyl Acetate	6.41	43	160859	18.832	ug/l	99
44) Trichloroethene	7.19	130	91404	19.037	ug/l	95
45) 1,2-Dichloropropane	7.49	63	65599	19.183	ug/l	98
46) Dibromomethane	7.63	93	44149	18.997	ug/l	100
47) Bromodichloromethane	7.87	83	89963	19.007	ug/l	100
48) Methyl methacrylate	7.74	41	75035	18.539	ug/l	98
49) 1,4-Dioxane	7.71	88	36979	380.944	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	502749	96.182	ug/l	100
52) Toluene	8.76	92	159542	18.939	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	105667	18.724	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	110675	18.776	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	63519	19.165	ug/l	99
56) Ethyl methacrylate	9.16	69	103125	19.062	ug/l	98
57) 1,3-Dichloropropane	9.35	76	111636	19.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	263123	91.357	ug/l	100
59) 2-Hexanone	9.47	43	386022	94.039	ug/l	100
60) Dibromochloromethane	9.57	129	70580	19.336	ug/l	100
61) 1,2-Dibromoethane	9.65	107	68486	19.077	ug/l	98
64) Tetrachloroethene	9.32	164	100572	18.853	ug/l	96
65) Chlorobenzene	10.12	112	170147	18.700	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	63549	18.897	ug/l	99
67) Ethyl Benzene	10.23	91	303656	18.704	ug/l	97
68) m/p-Xylenes	10.34	106	230371	37.875	ug/l	99
69) o-Xylene	10.68	106	110571	18.912	ug/l	98
70) Styrene	10.70	104	185623	18.714	ug/l	99
71) Bromoform	10.84	173	50673	18.494	ug/l	99
73) Isopropylbenzene	11.00	105	295909	18.736	ug/l	100
74) N-amyl acetate	10.88	43	134858	18.306	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	51435	18.948	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	95614m	19.404	ug/l	
77) Bromobenzene	11.24	156	75468	18.512	ug/l	99
78) n-propylbenzene	11.34	91	343482	18.694	ug/l	100
79) 2-Chlorotoluene	11.40	91	202310	18.654	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	250212	18.763	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	37612	18.190	ug/l	99
82) 4-Chlorotoluene	11.49	91	239581	18.707	ug/l	100
83) tert-Butylbenzene	11.76	119	214468	18.662	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	256867	19.053	ug/l	98
85) sec-Butylbenzene	11.93	105	291563	18.790	ug/l	99
86) p-Isopropyltoluene	12.05	119	269052	18.676	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134094	18.319	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	136383	18.357	ug/l	99
89) n-Butylbenzene	12.37	91	239408	18.191	ug/l	99
90) Hexachloroethane	12.58	117	44687	18.062	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	131915	18.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22325	17.191	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
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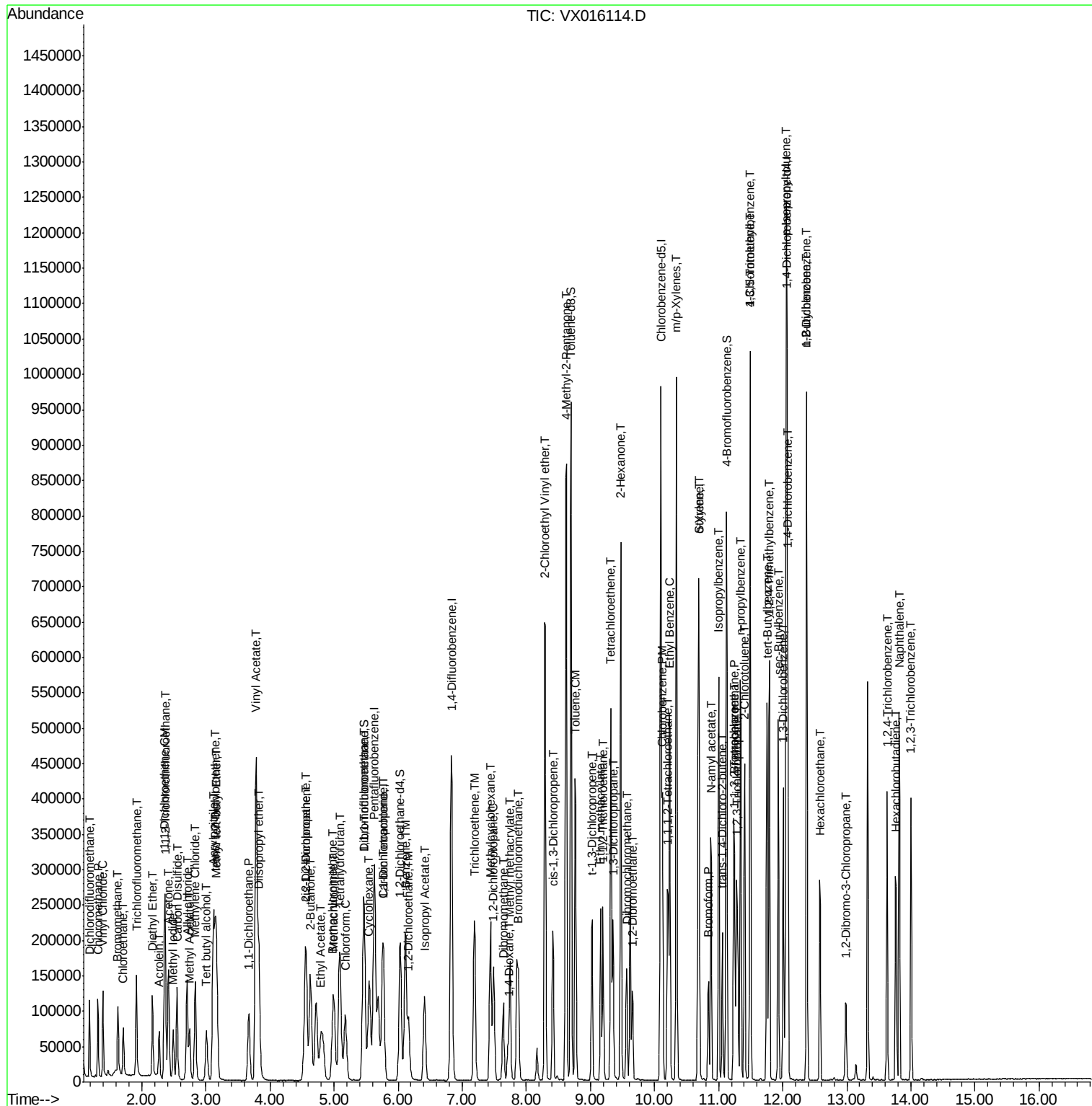
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	94507	18.111	ug/l	96
94) Hexachlorobutadiene	13.76	225	42087	19.058	ug/l	97
95) Naphthalene	13.82	128	307480	18.198	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	94186	18.469	ug/l	98

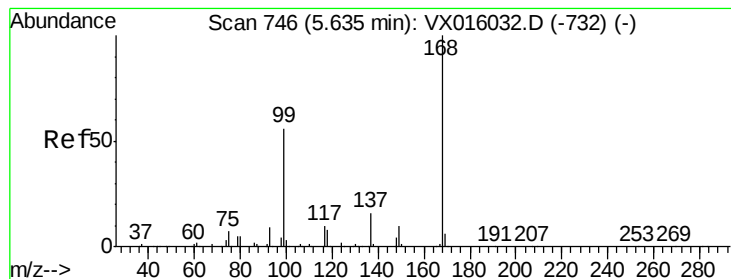
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

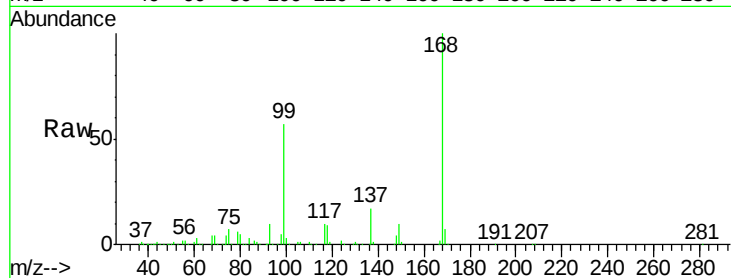
VX0508WBSD01

Tot Ion:168 Resp: 293091

Ion Ratio Lower Upper

168 100

99 56.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

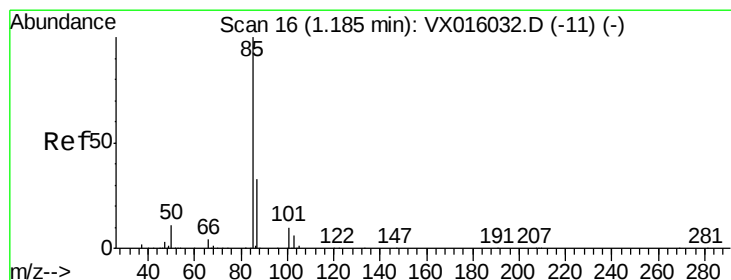
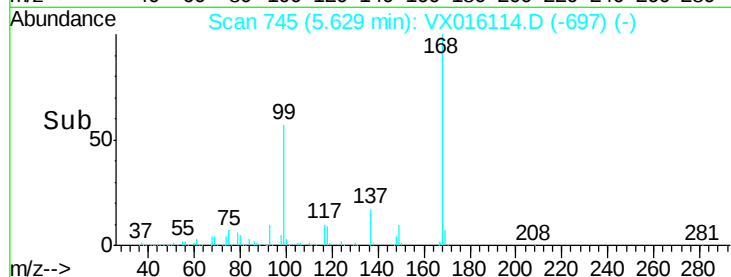
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.115 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016114.D

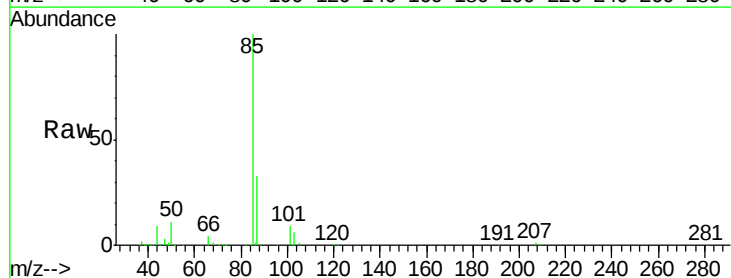
Acq: 08 May 2020 12:30

Tgt Ion: 85 Resp: 59301

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

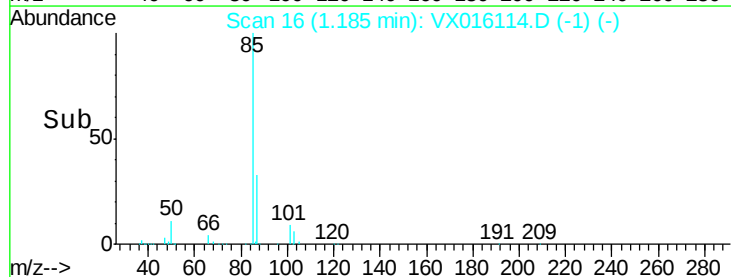
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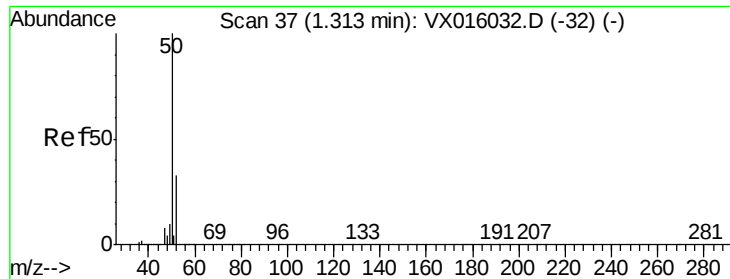
40000

20000

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Time-->





#3

Chloromethane

Concen: 18.093 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

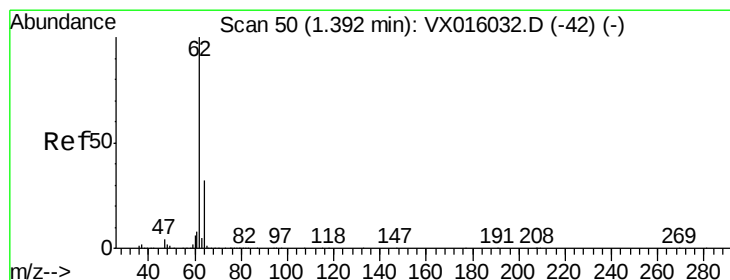
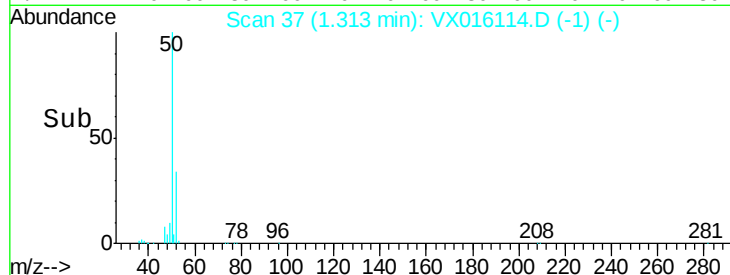
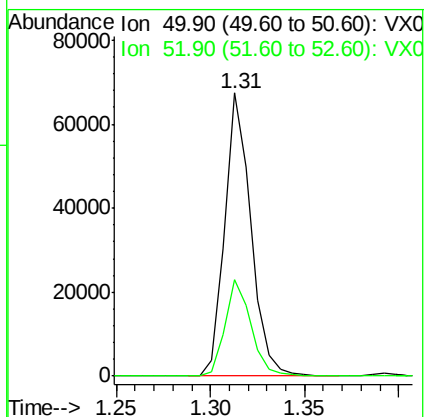
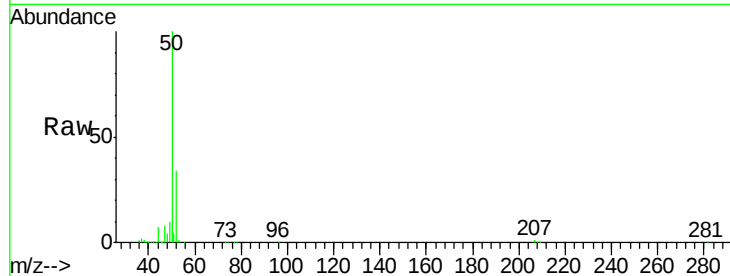
VX0508WBSD01

Tot Ion: 50 Resp: 65185

Ion Ratio Lower Upper

50 100

52 34.1 26.1 39.1



#4

Vinyl Chloride

Concen: 17.986 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016114.D

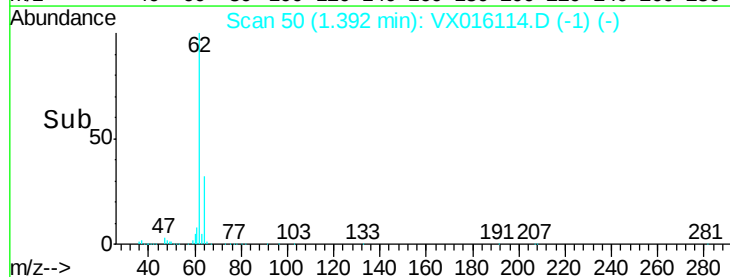
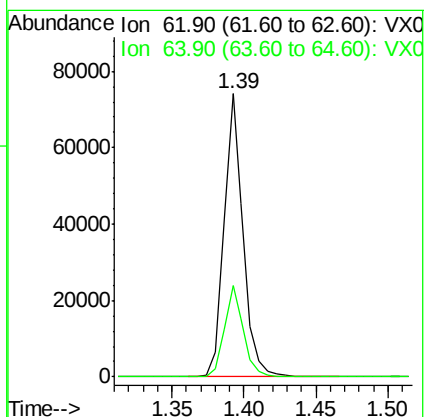
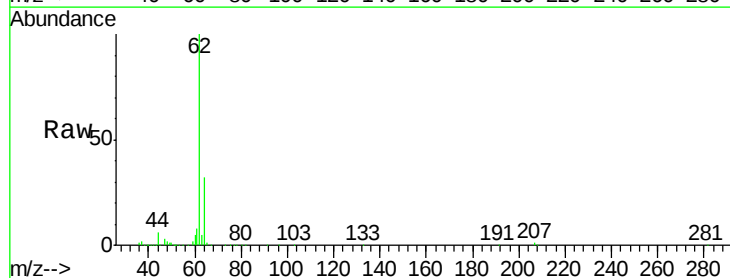
Acq: 08 May 2020 12:30

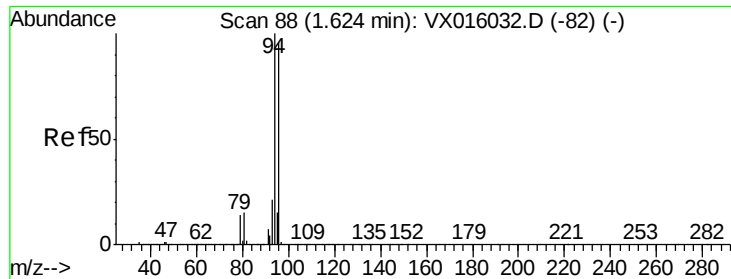
Tgt Ion: 62 Resp: 69134

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 22.604 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

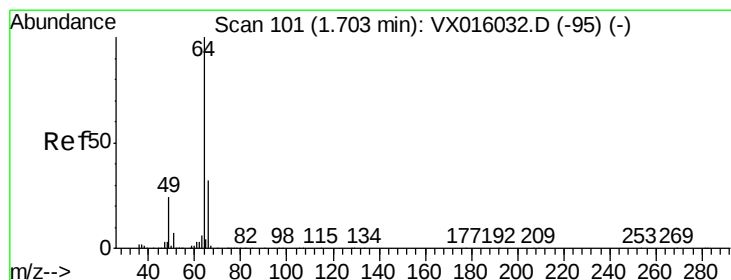
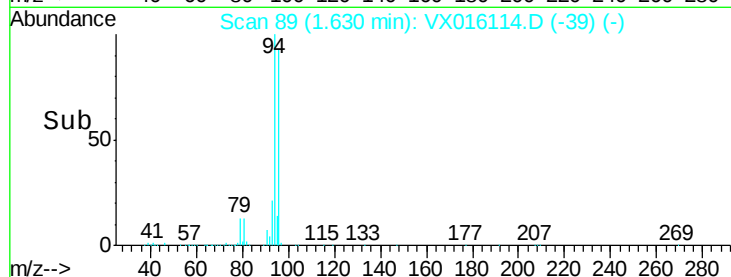
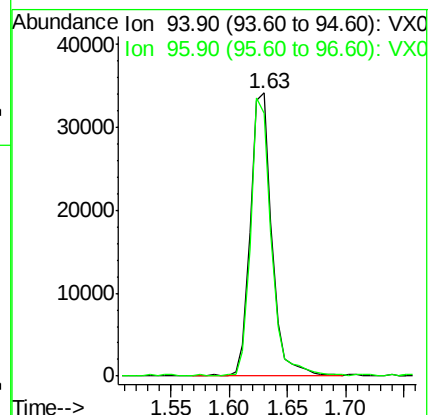
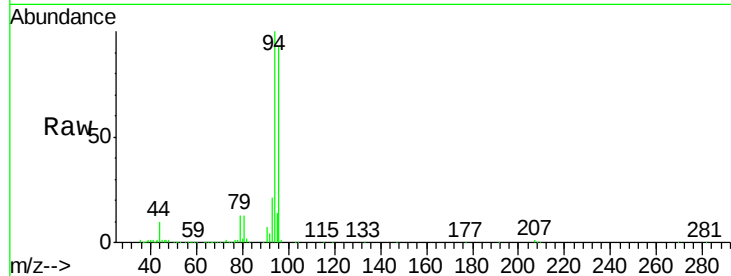
VX0508WBSD01

Tot Ion: 94 Resp: 43803

Ion Ratio Lower Upper

94 100

96 92.7 76.9 115.3



#6

Chloroethane

Concen: 18.237 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016114.D

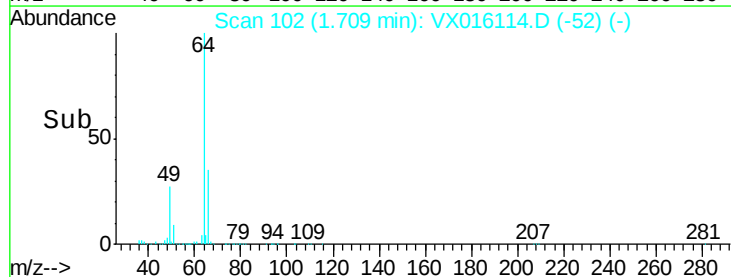
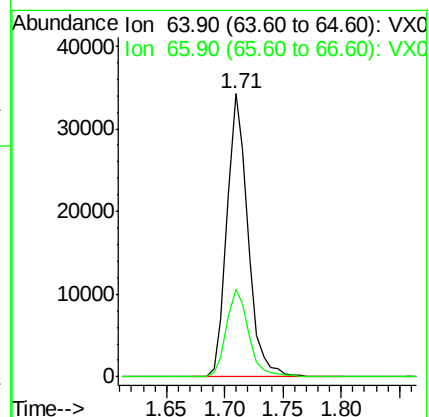
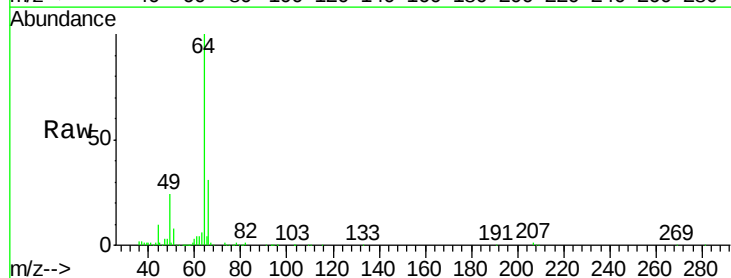
Acq: 08 May 2020 12:30

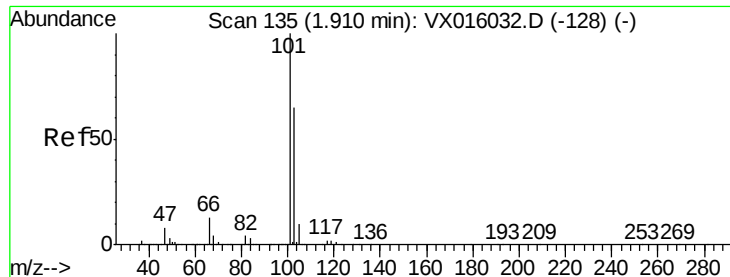
Tgt Ion: 64 Resp: 42652

Ion Ratio Lower Upper

64 100

66 30.6 25.2 37.8



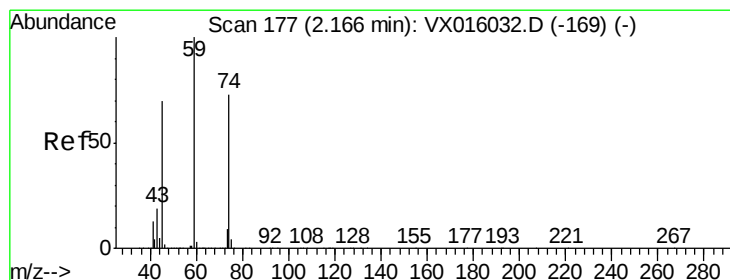
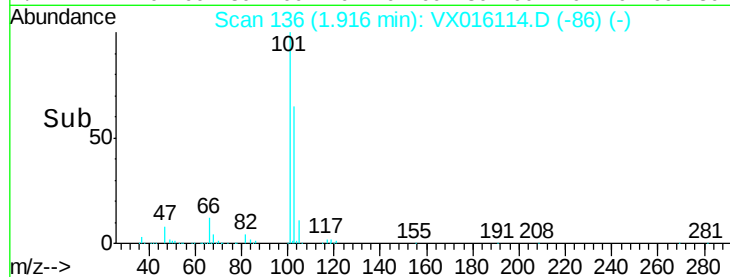
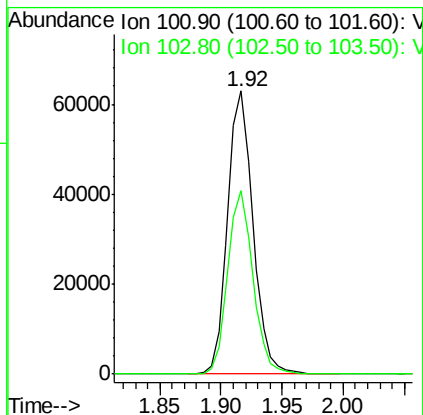
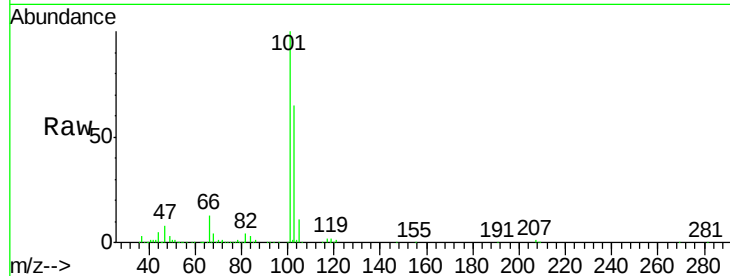


#7

Trichlorofluoromethane
 Concen: 17.916 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Instrument :
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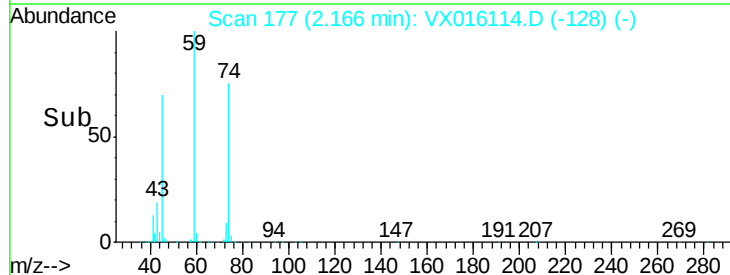
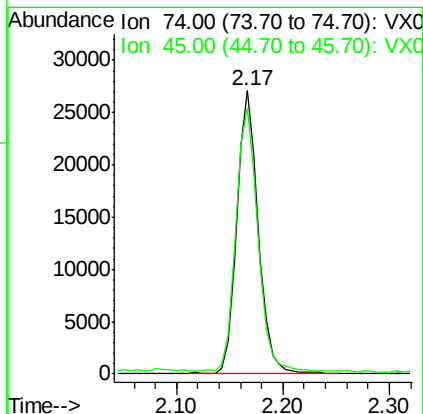
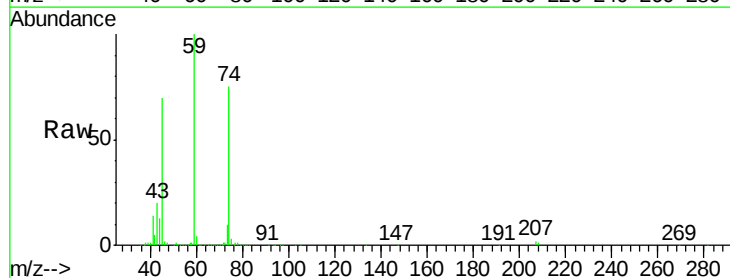
Tot Ion:101 Resp: 90411
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.8 77.6

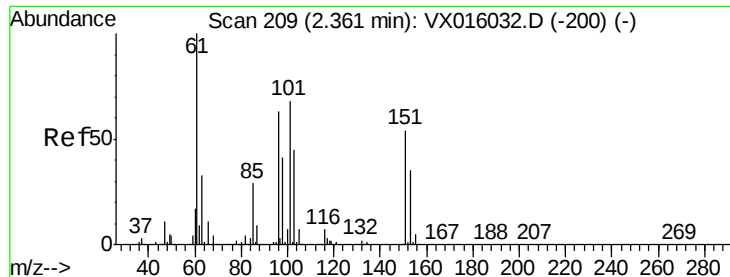


#8

Diethyl Ether
 Concen: 18.012 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Tgt Ion: 74 Resp: 38298
 Ion Ratio Lower Upper
 74 100
 45 95.1 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.101 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

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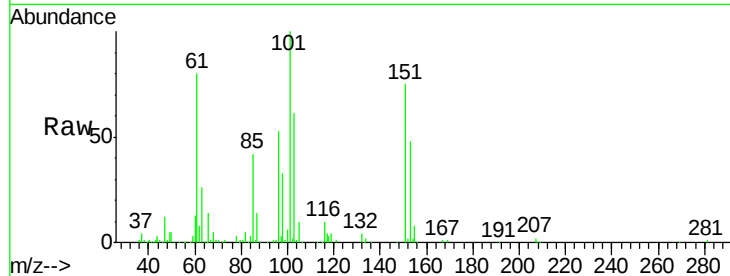
Tot Ion:101 Resp: 55611

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

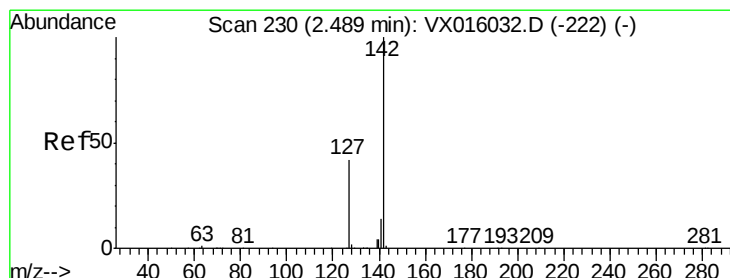
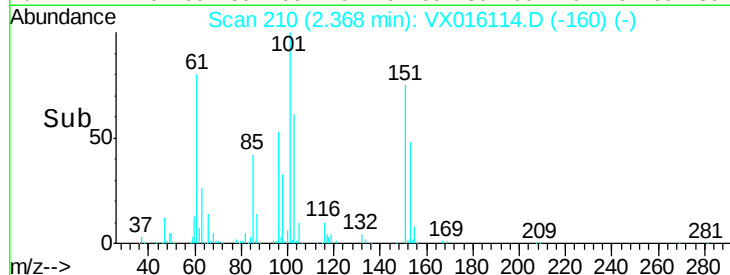
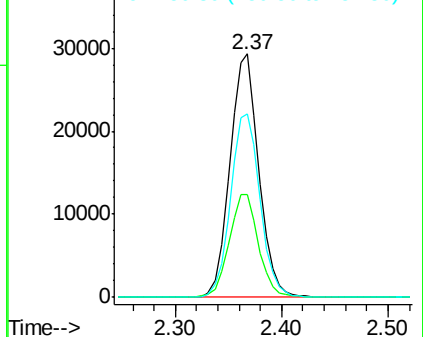
151 77.1 62.1 93.1



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: 17.319 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

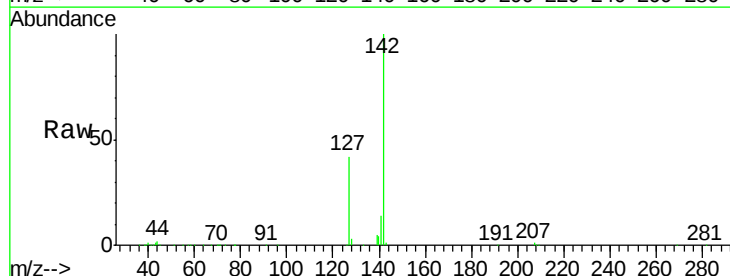
Tgt Ion:142 Resp: 67729

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

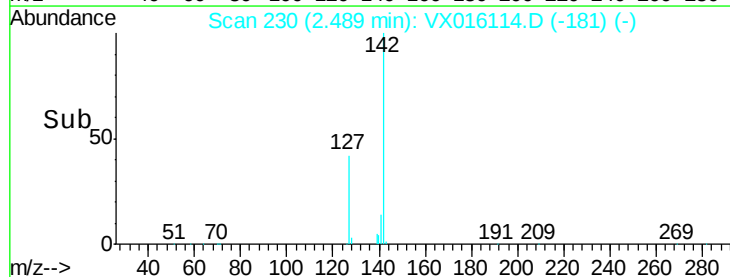
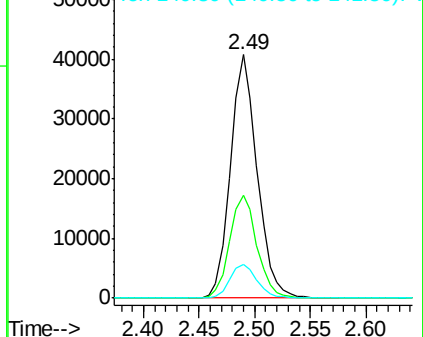
141 14.3 11.3 16.9

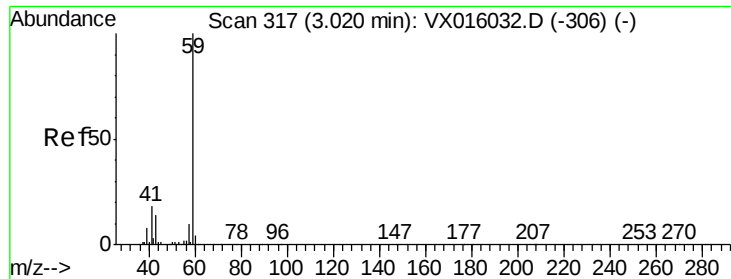


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



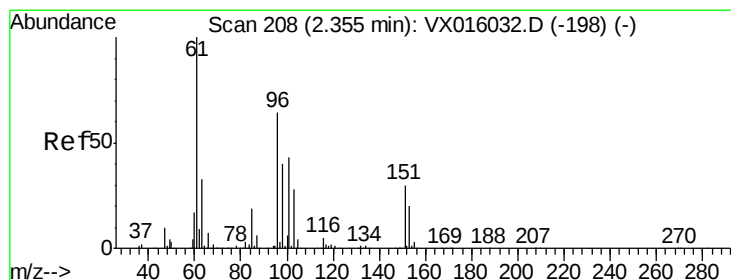
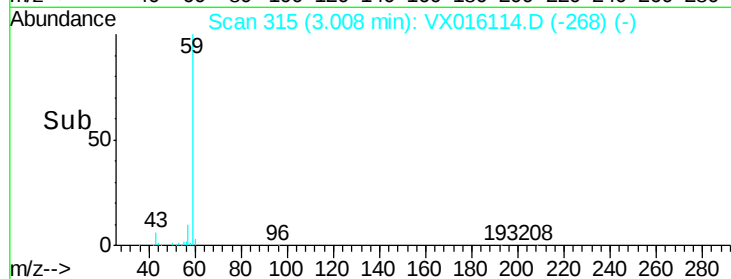
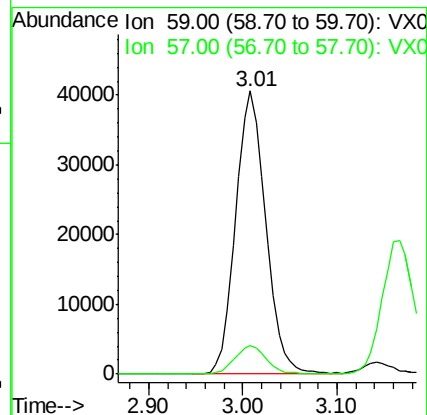
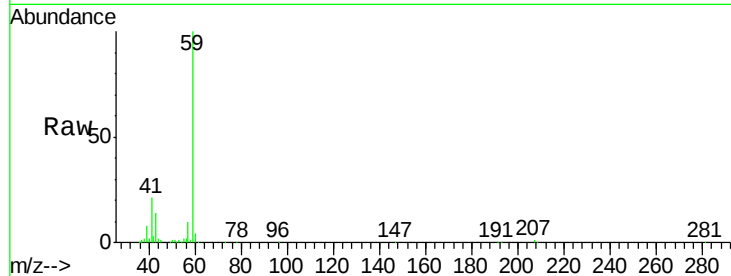


#11

Tert butyl alcohol
 Concen: 92.497 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

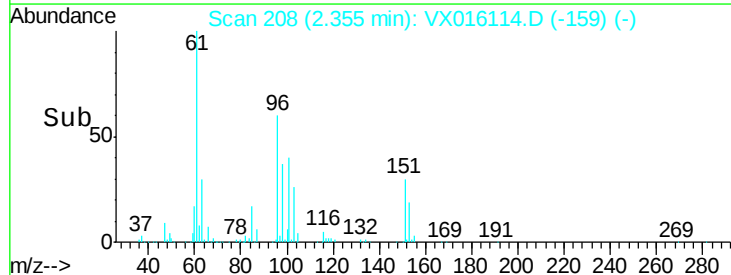
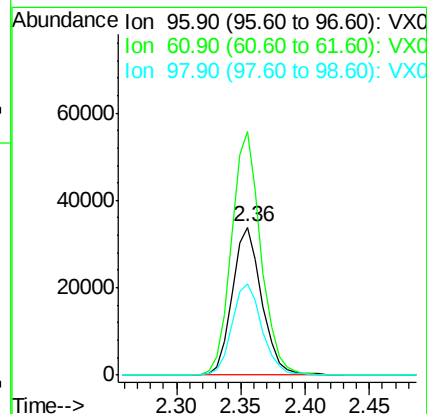
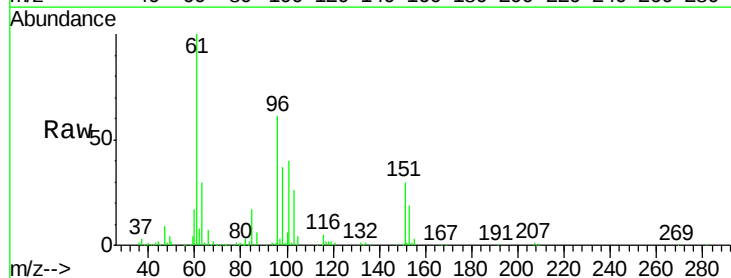
Tot Ion: 59 Resp: 90210
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

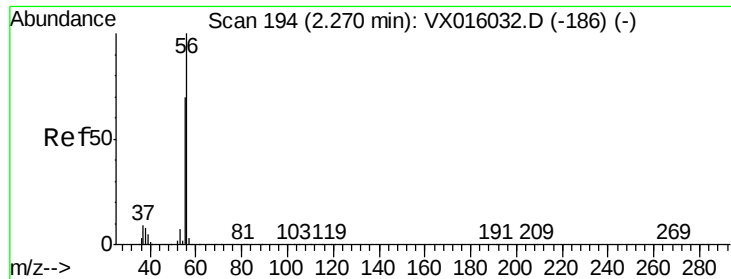


#12

1,1-Dichloroethene
 Concen: 17.694 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Tgt Ion: 96 Resp: 53909
 Ion Ratio Lower Upper
 96 100
 61 165.2 124.8 187.2
 98 61.8 49.7 74.5





#13

Acrolein

Concen: 75.683 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

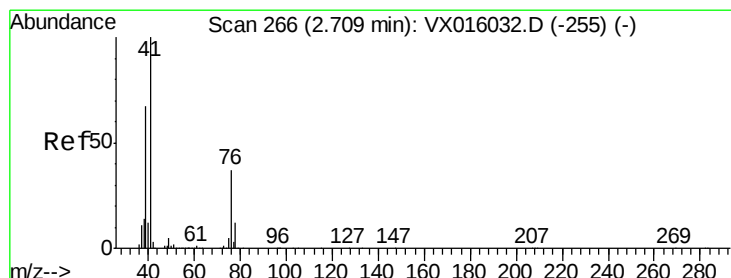
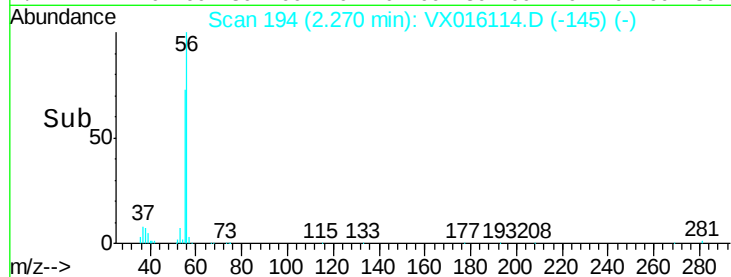
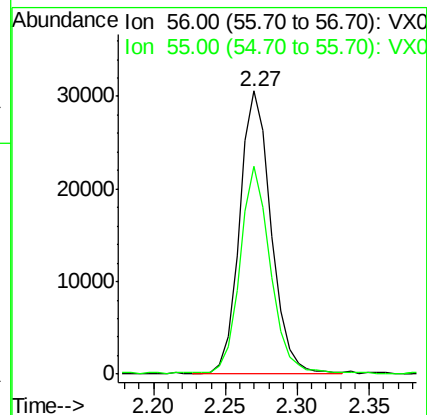
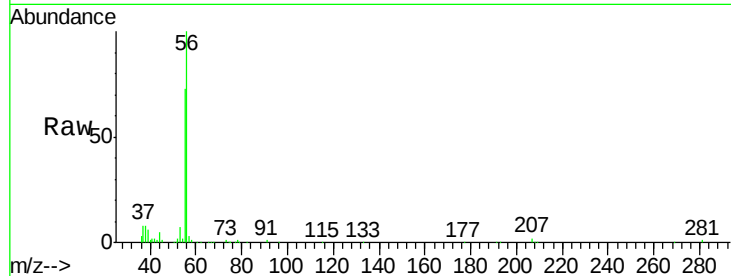
VX0508WBSD01

Tot Ion: 56 Resp: 46189

Ion Ratio Lower Upper

56 100

55 71.0 56.5 84.7



#14

Allyl chloride

Concen: 18.292 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

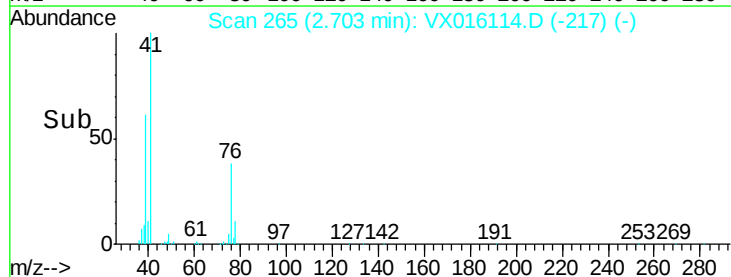
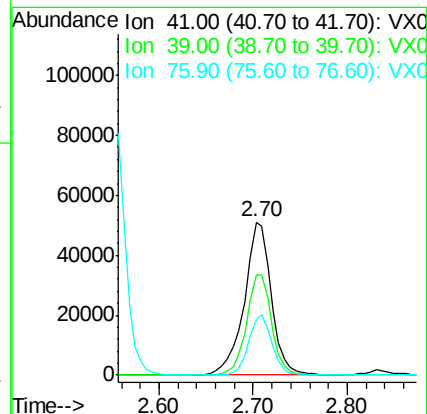
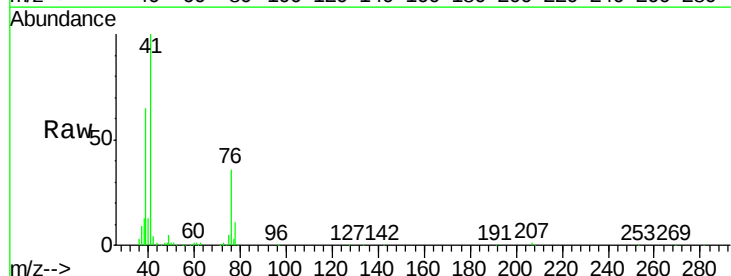
Tgt Ion: 41 Resp: 102183

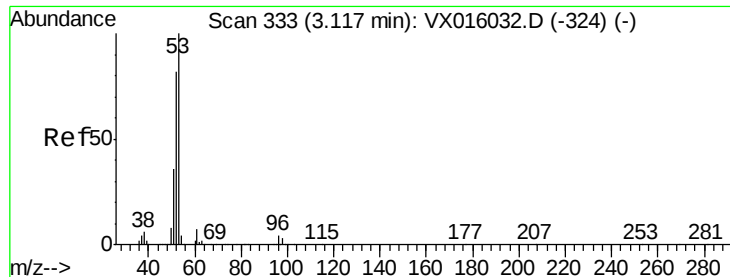
Ion Ratio Lower Upper

41 100

39 61.3 50.5 75.7

76 34.1 26.6 40.0

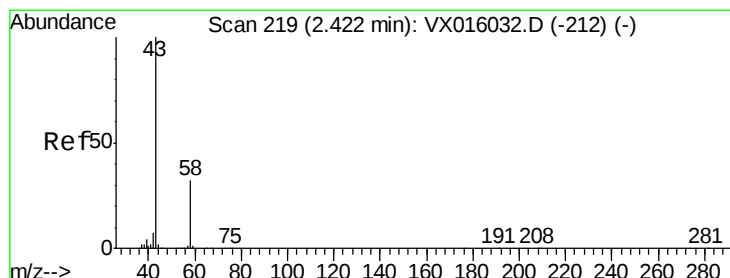
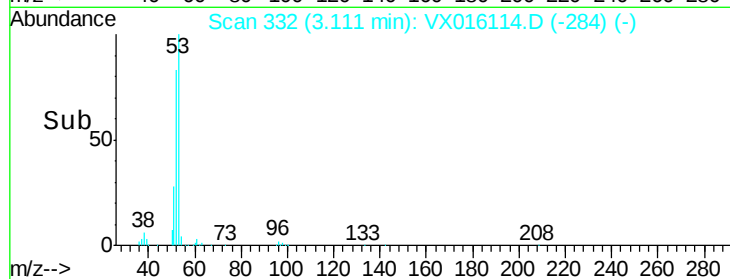
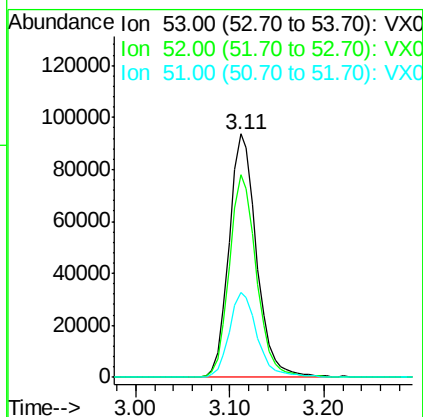
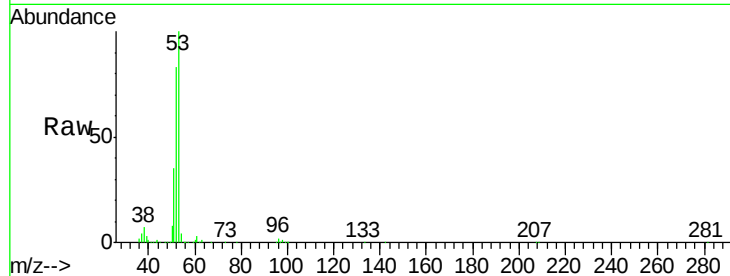




#15
 Acrylonitrile
 Concen: 93.832 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

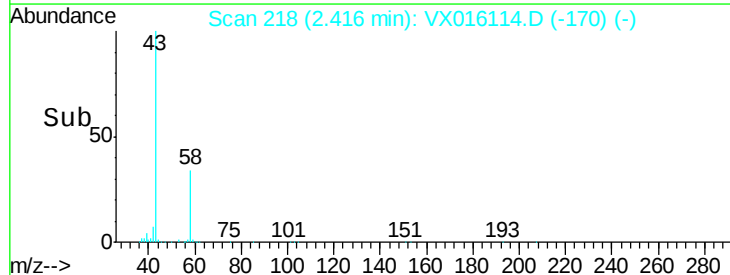
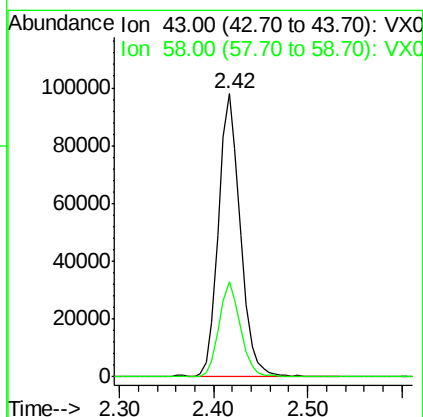
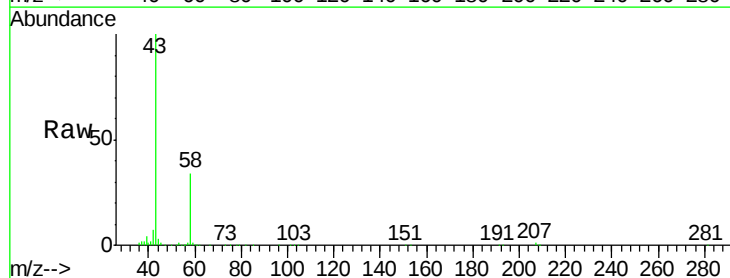
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

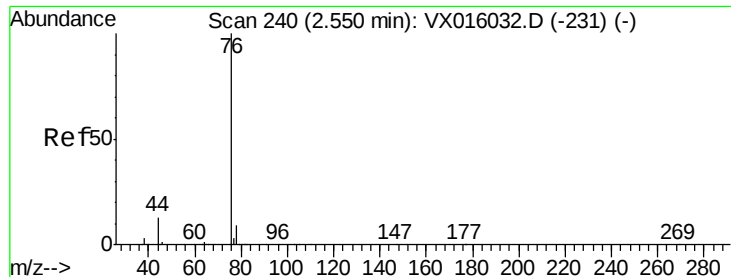
Tot Ion: 53 Resp: 189843
 Ion Ratio Lower Upper
 53 100
 52 81.8 66.1 99.1
 51 35.6 28.8 43.2



#16
 Acetone
 Concen: 90.845 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Tgt Ion: 43 Resp: 156332
 Ion Ratio Lower Upper
 43 100
 58 33.6 25.4 38.0





#17

Carbon Disulfide

Concen: 17.702 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

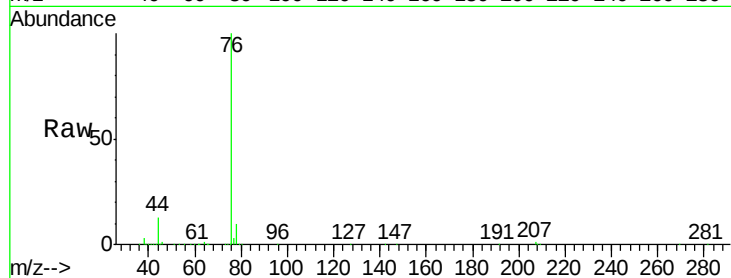
VX0508WBSD01

Tot Ion: 76 Resp: 163190

Ion Ratio Lower Upper

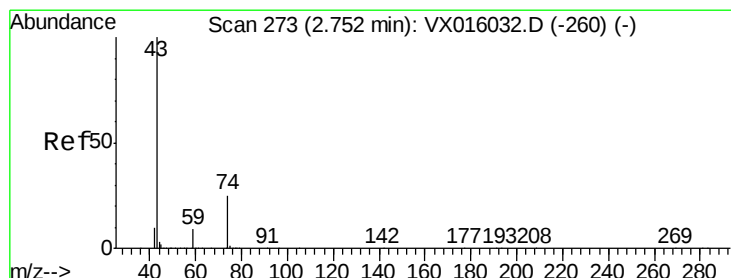
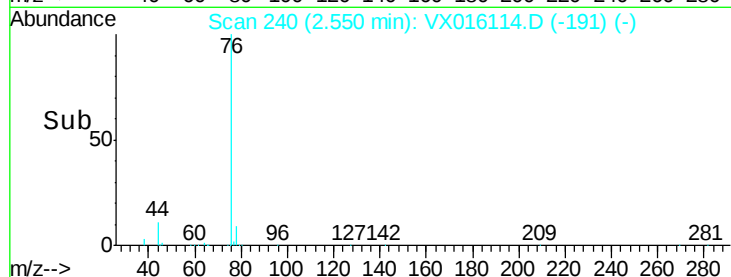
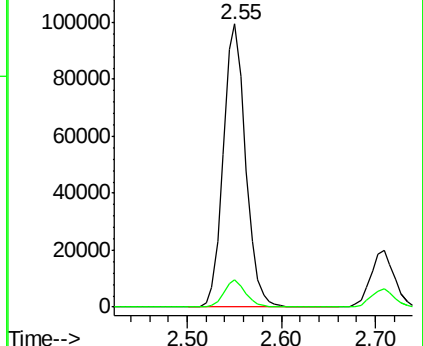
76 100

78 9.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.218 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016114.D

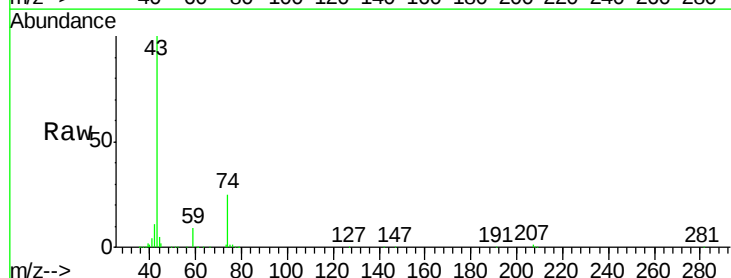
Acq: 08 May 2020 12:30

Tgt Ion: 43 Resp: 81313

Ion Ratio Lower Upper

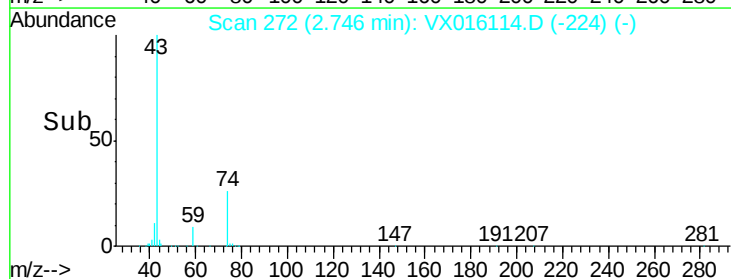
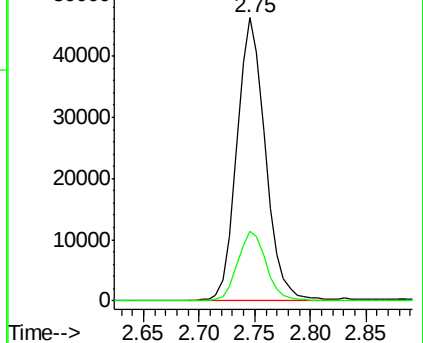
43 100

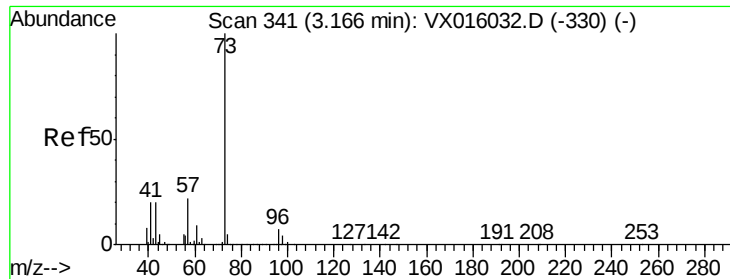
74 25.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



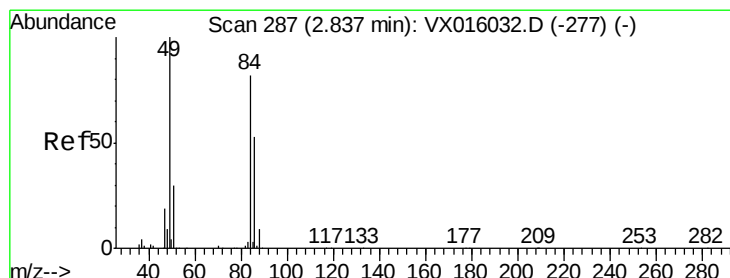
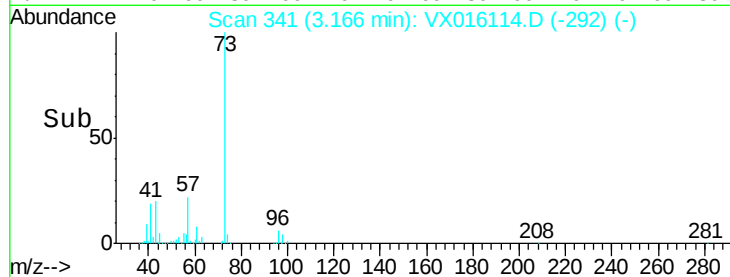
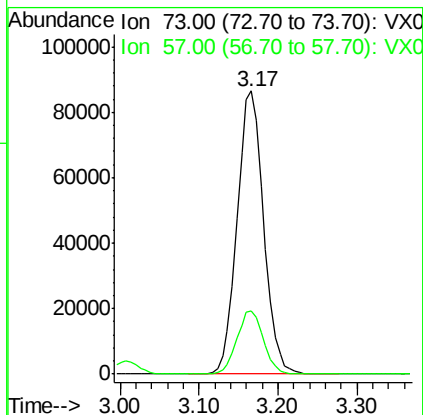
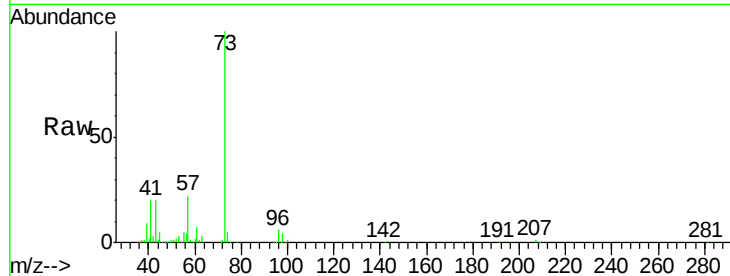


#19

Methyl tert-butyl Ether
 Concen: 19.159 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

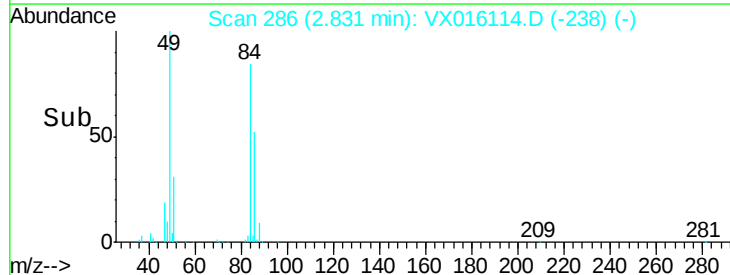
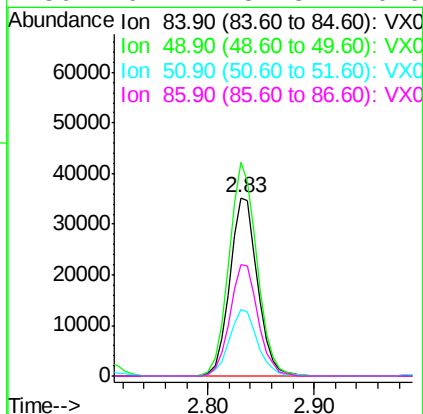
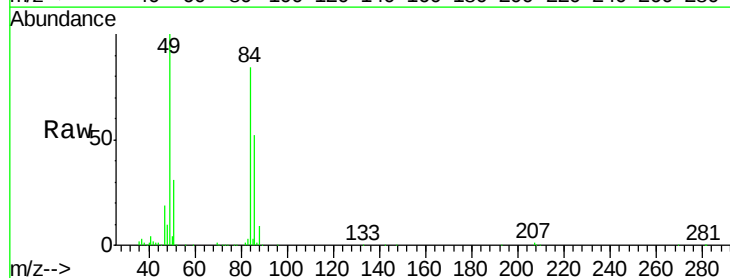
Tot Ion: 73 Resp: 201222
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.8 26.6

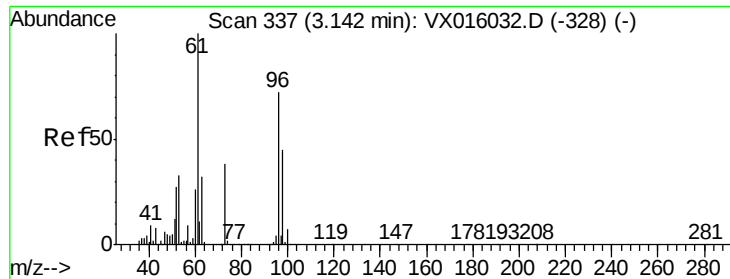


#20

Methylene Chloride
 Concen: 18.199 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Tgt Ion: 84 Resp: 64563
 Ion Ratio Lower Upper
 84 100
 49 119.6 97.3 145.9
 51 37.0 29.3 43.9
 86 62.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.160 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

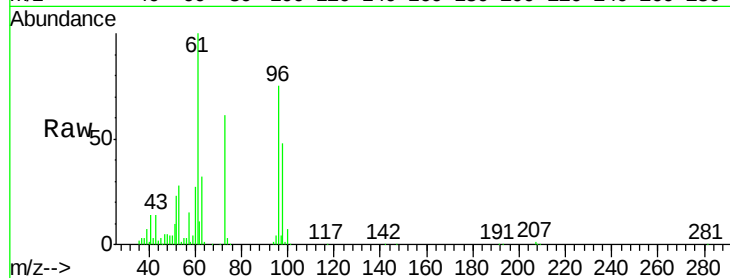
Tot Ion: 96 Resp: 61656

Ion Ratio Lower Upper

96 100

61 134.2 111.2 166.8

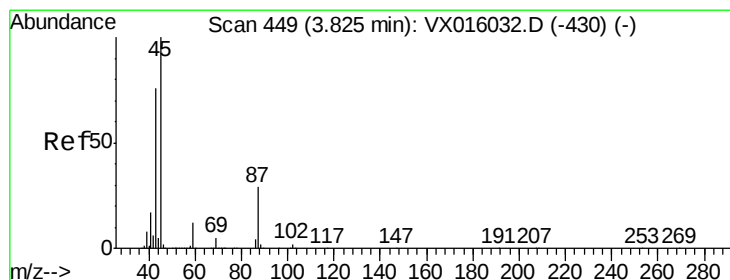
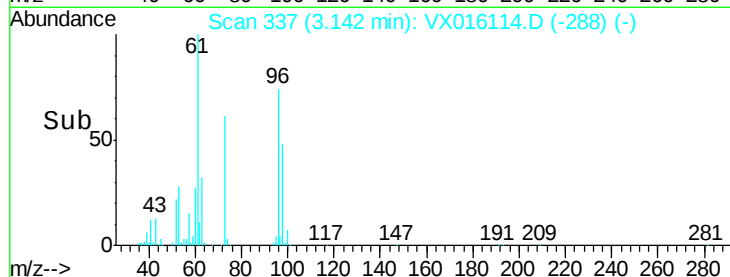
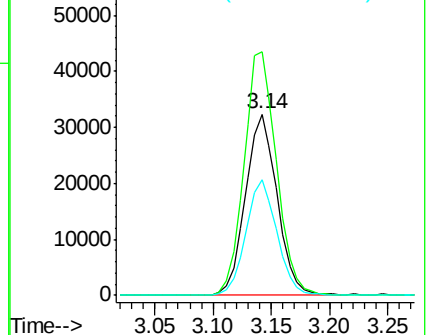
98 64.0 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.102 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Tgt Ion: 45 Resp: 201314

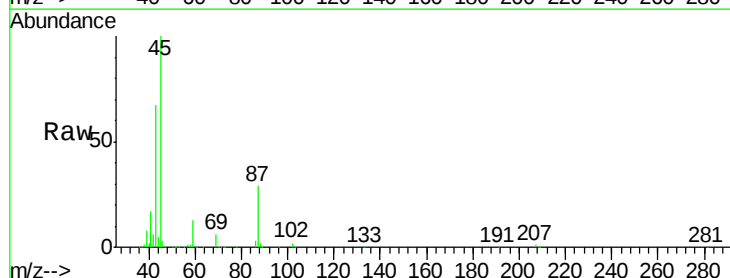
Ion Ratio Lower Upper

45 100

43 66.8 61.1 91.7

87 28.8 23.0 34.6

59 12.8 9.8 14.6

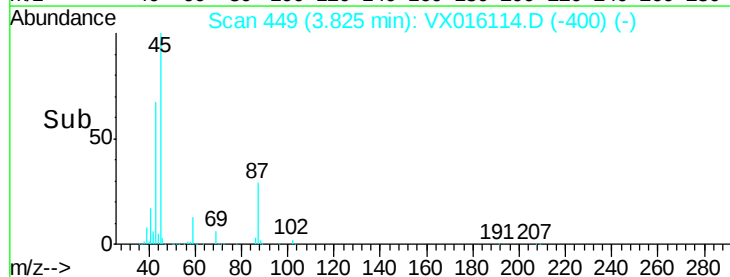
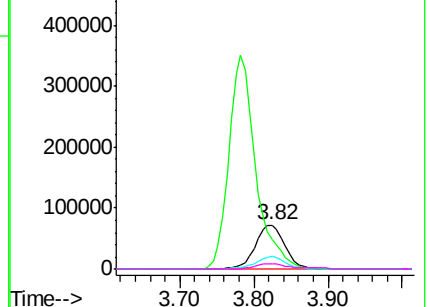


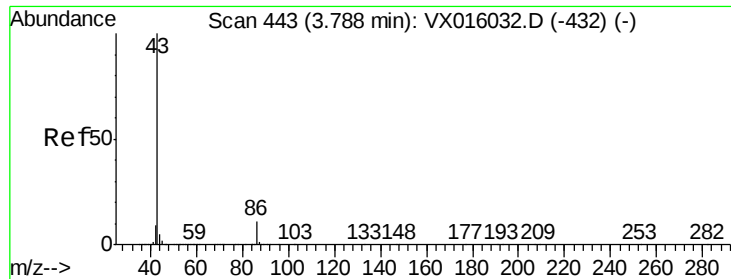
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 95.656 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

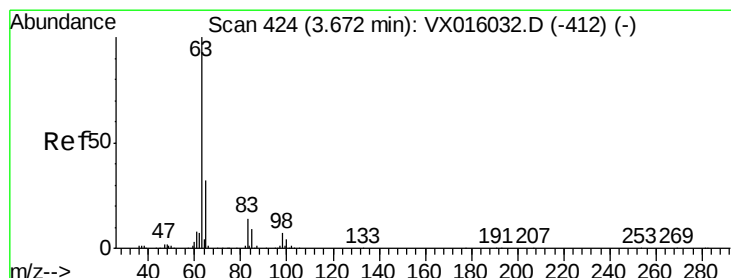
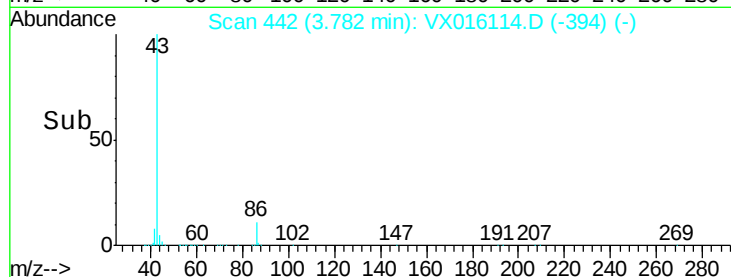
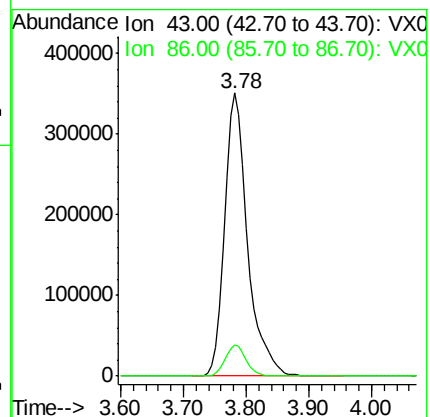
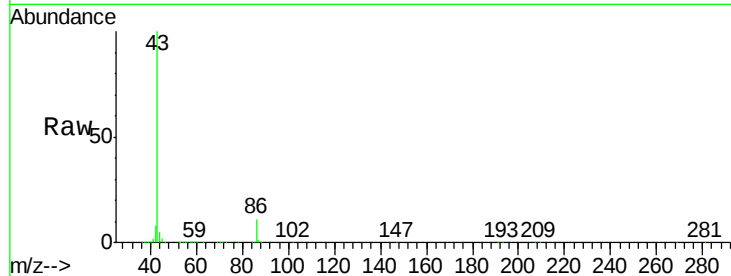
VX0508WBSD01

Tot Ion: 43 Resp: 886916

Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.4



#24

1,1-Dichloroethane

Concen: 18.976 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

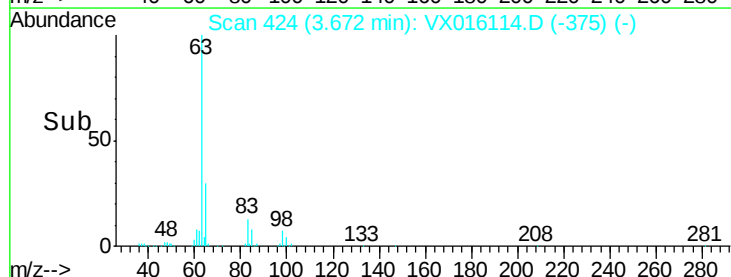
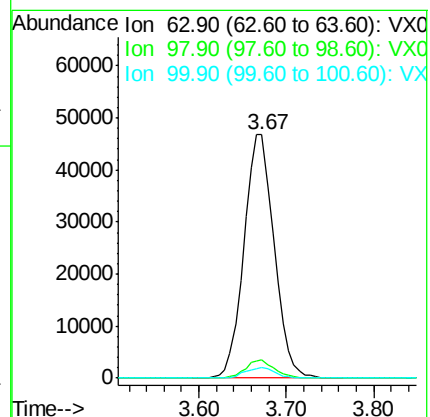
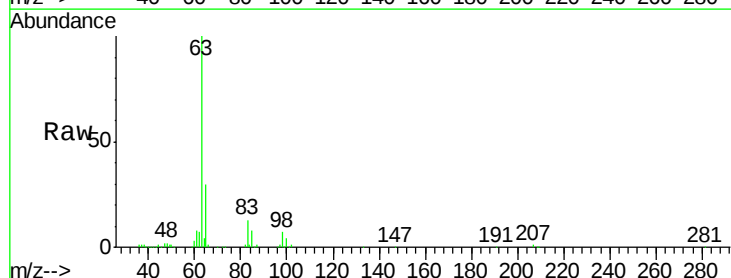
Tgt Ion: 63 Resp: 111870

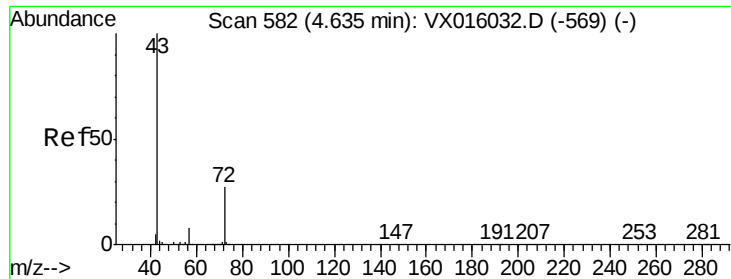
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 94.142 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

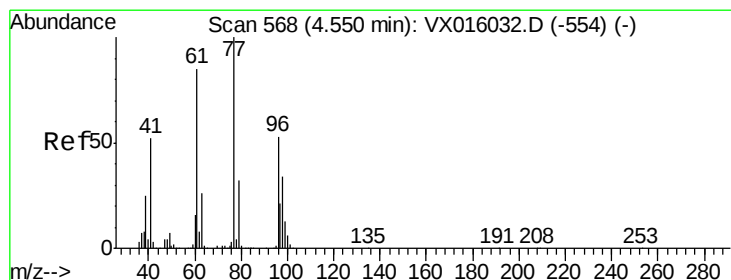
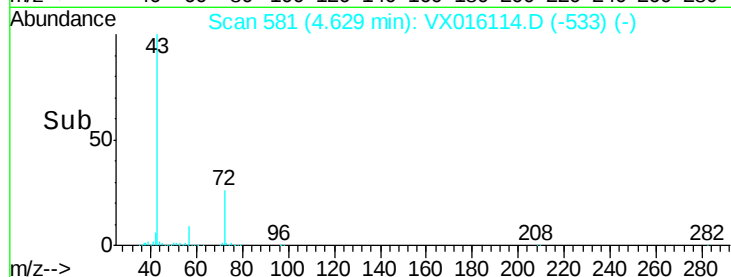
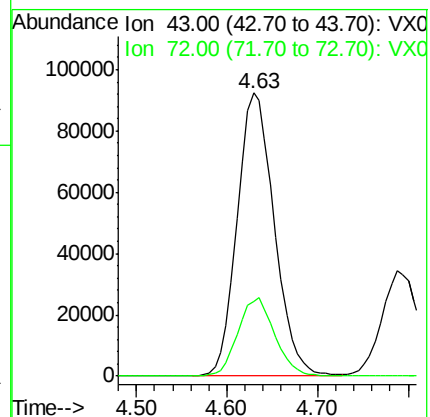
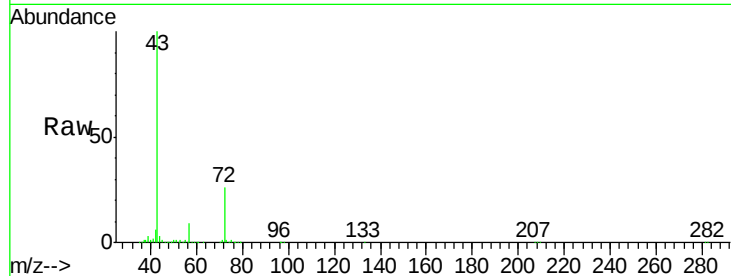
VX0508WBSD01

Tot Ion: 43 Resp: 261056

Ion Ratio Lower Upper

43 100

72 26.3 21.8 32.8



#26

2,2-Dichloropropane

Concen: 18.185 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016114.D

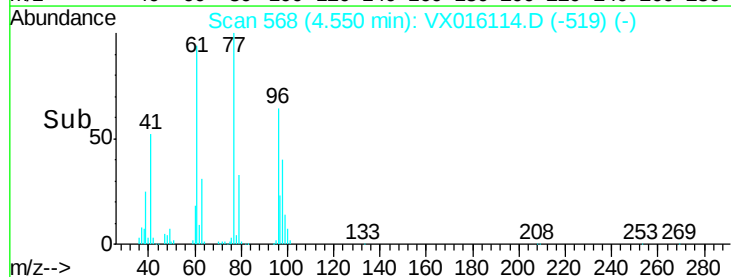
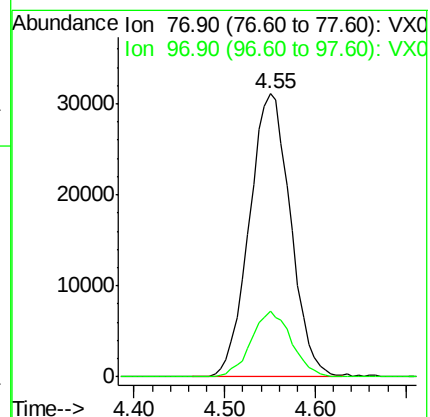
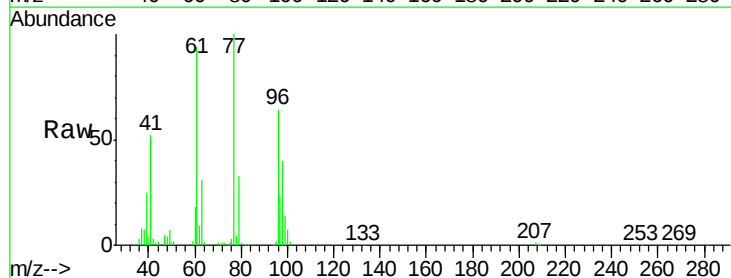
Acq: 08 May 2020 12:30

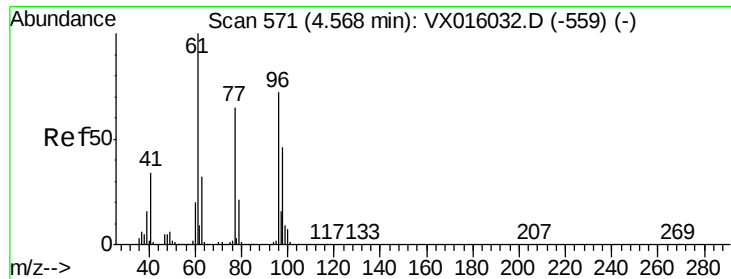
Tgt Ion: 77 Resp: 97907

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6



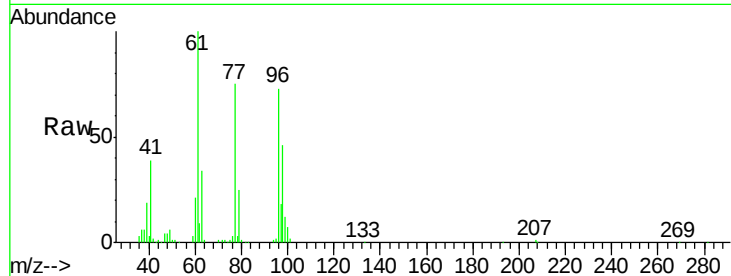


#27

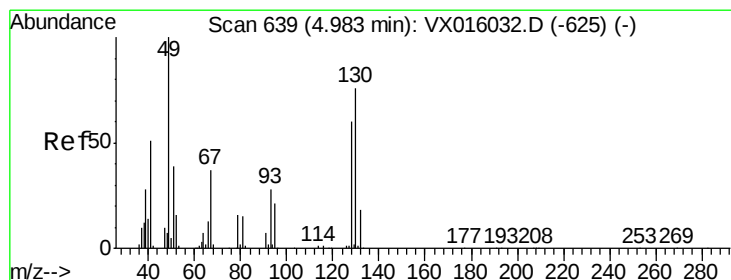
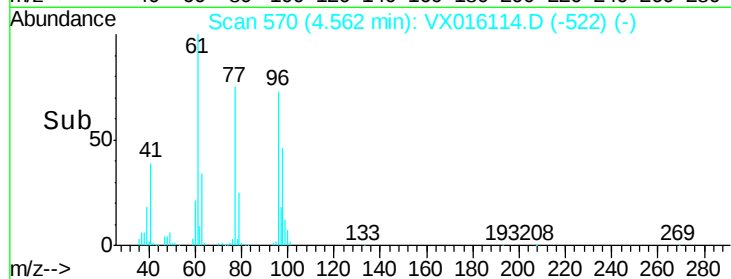
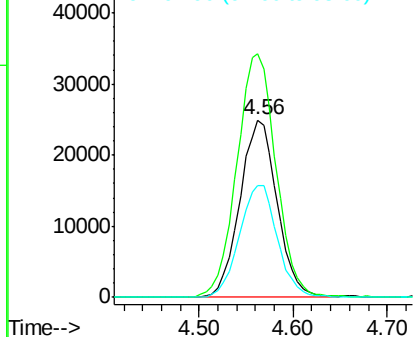
cis-1,2-Dichloroethene
Concen: 18.652 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion: 96 Resp: 69232
Ion Ratio Lower Upper
96 100
61 143.8 0.0 296.2
98 64.0 0.0 129.4



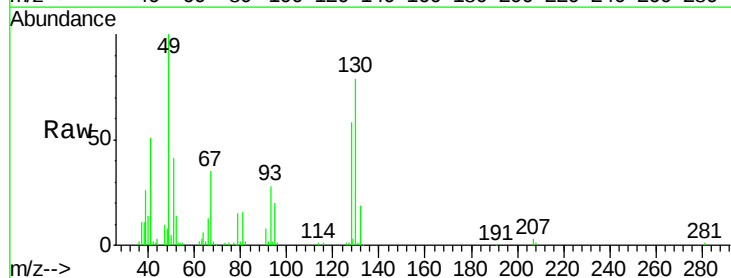
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



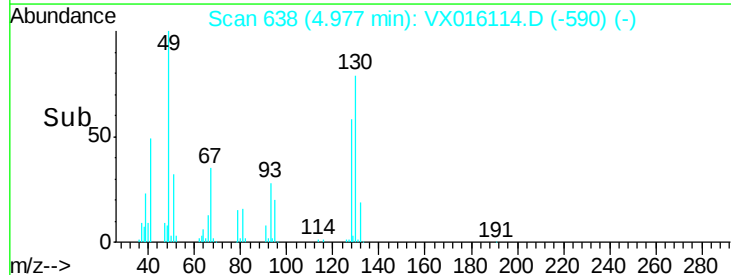
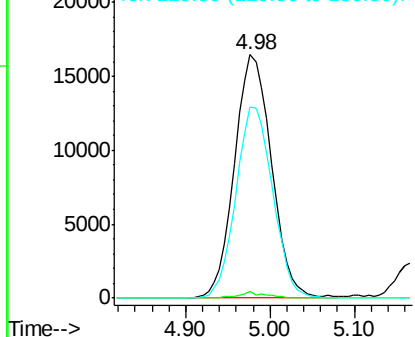
#28

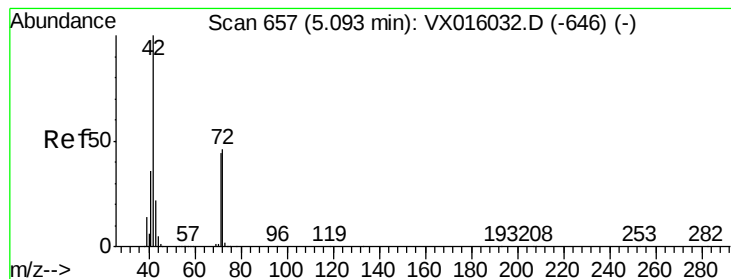
Bromochloromethane
Concen: 18.309 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Tgt Ion: 49 Resp: 49220
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 77.7 62.4 93.6



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





#29

Tetrahydrofuran

Concen: 94.263 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

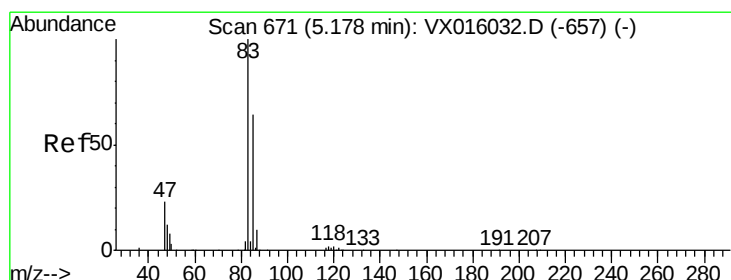
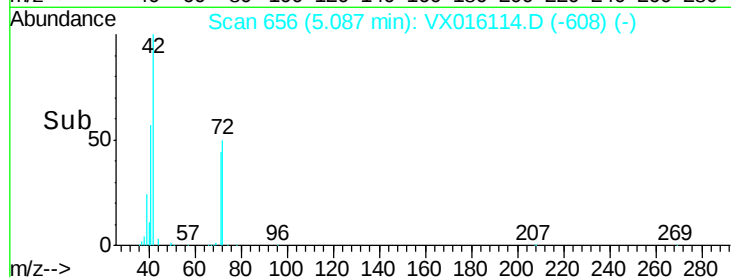
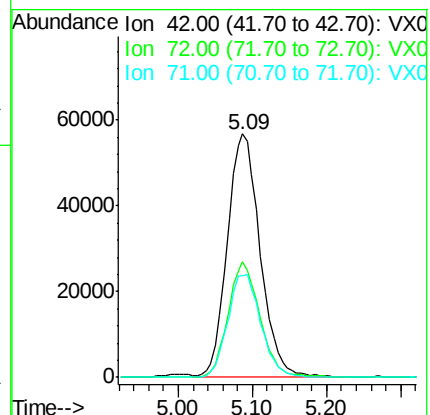
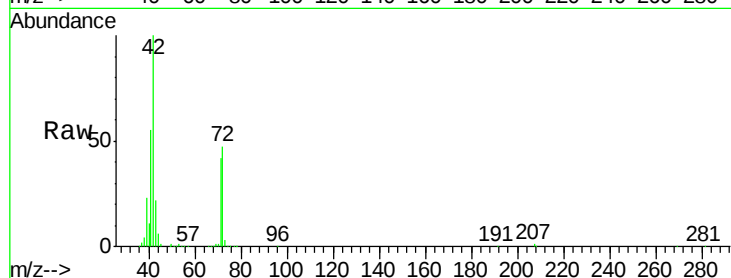
Tot Ion: 42 Resp: 173198

Ion Ratio Lower Upper

42 100

72 46.6 37.1 55.7

71 43.2 34.5 51.7



#30

Chloroform

Concen: 18.988 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016114.D

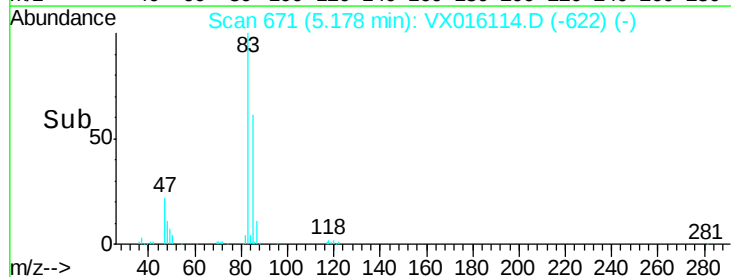
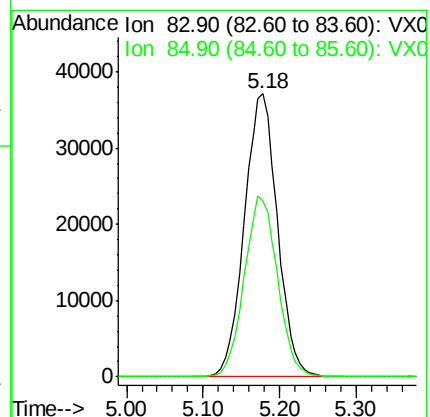
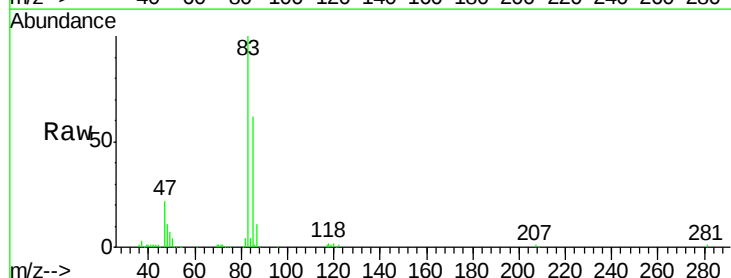
Acq: 08 May 2020 12:30

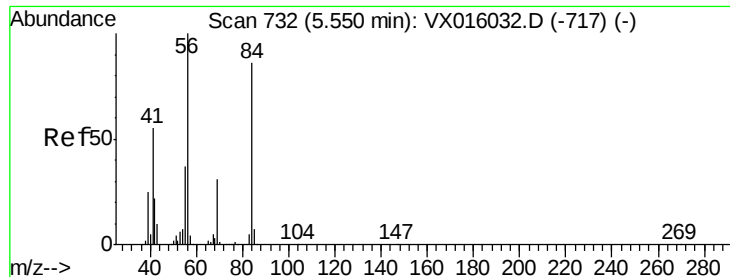
Tgt Ion: 83 Resp: 111458

Ion Ratio Lower Upper

83 100

85 62.3 51.6 77.4

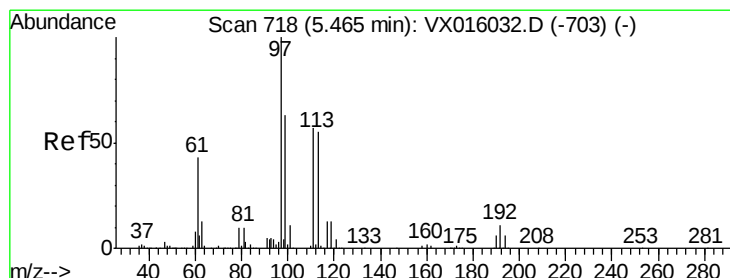
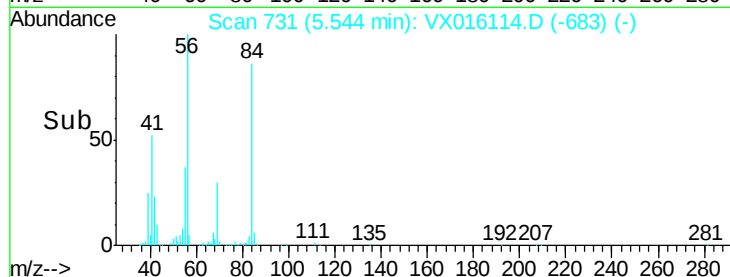
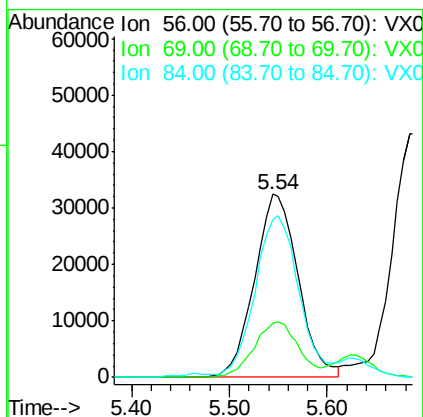
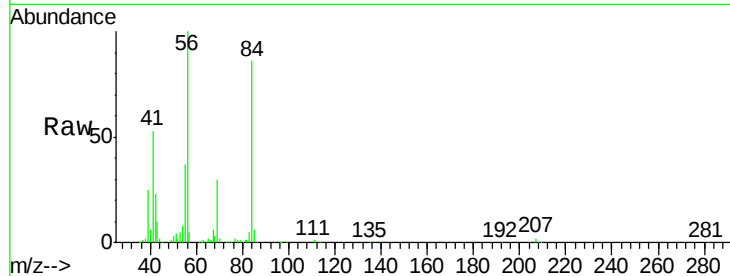




#31
Cyclohexane
Concen: 18.777 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

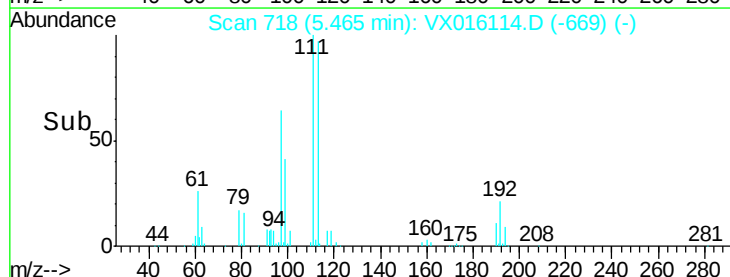
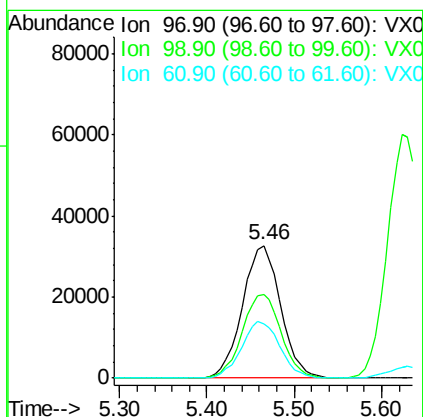
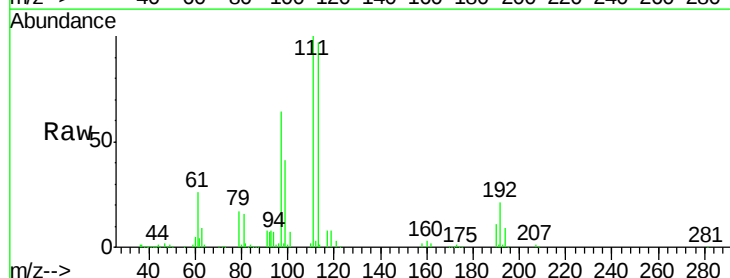
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

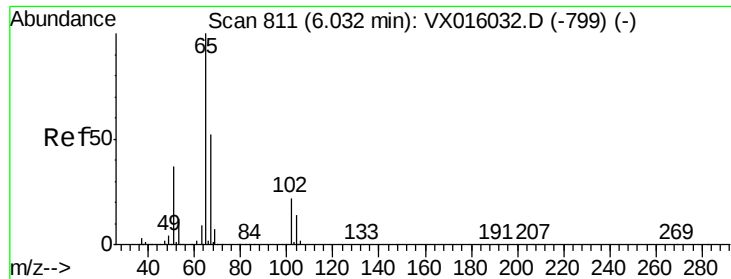
Tot Ion: 56 Resp: 100602
Ion Ratio Lower Upper
56 100
69 29.5 25.0 37.6
84 84.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.590 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Tgt Ion: 97 Resp: 99187
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 43.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.769 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

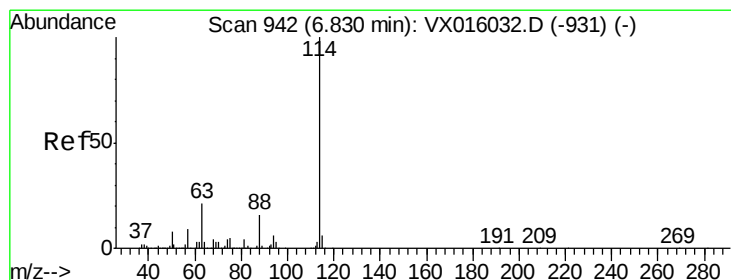
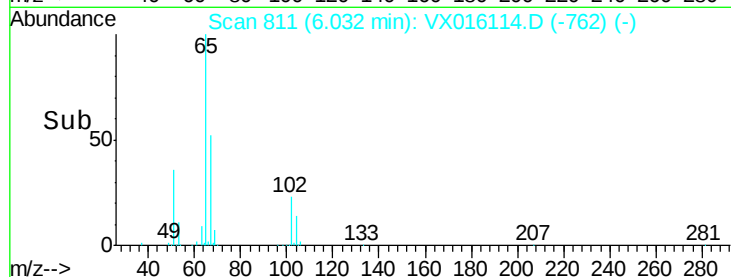
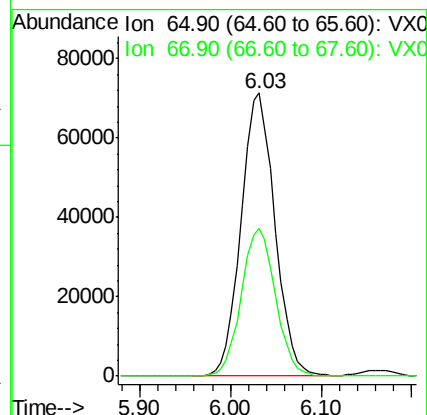
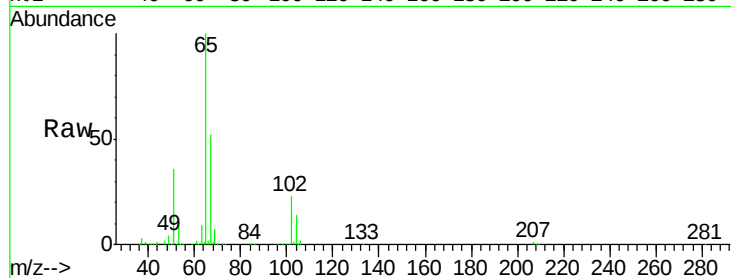
VX0508WBSD01

Tot Ion: 65 Resp: 184235

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

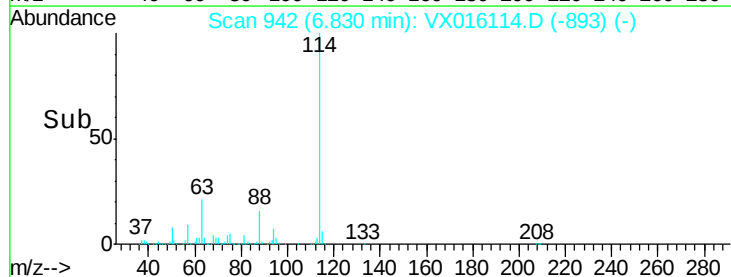
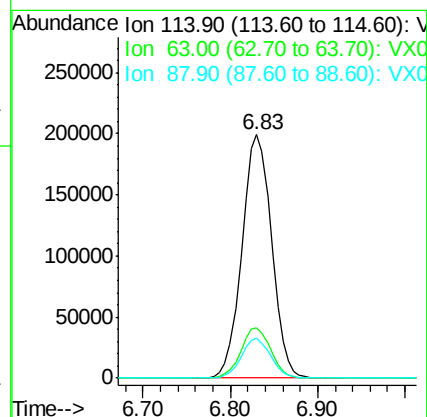
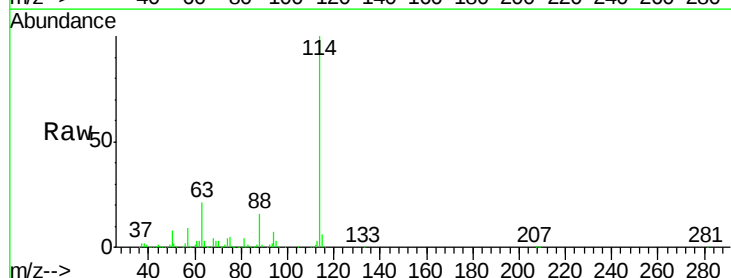
Tgt Ion: 114 Resp: 469236

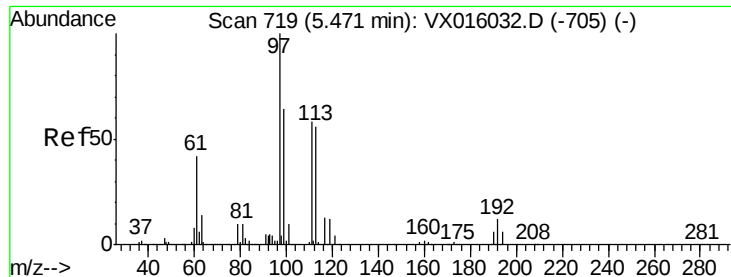
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.502 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

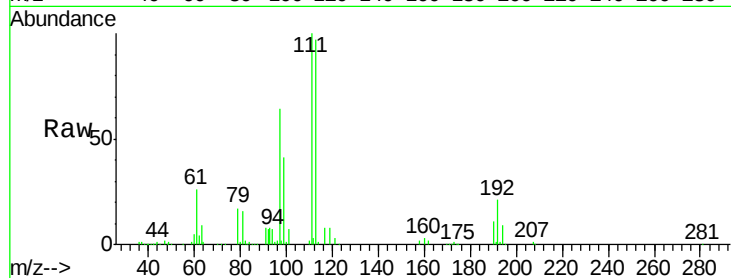
Tot Ion:113 Resp: 141215

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

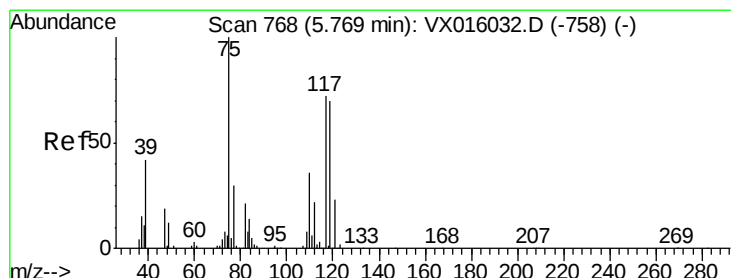
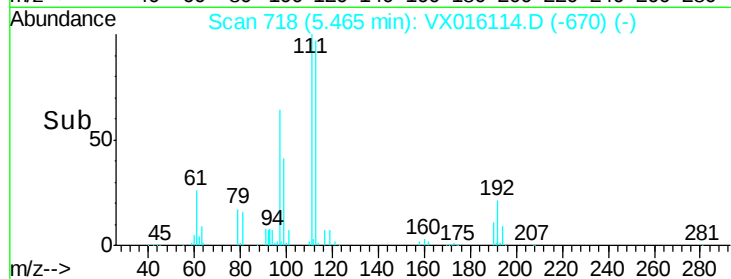
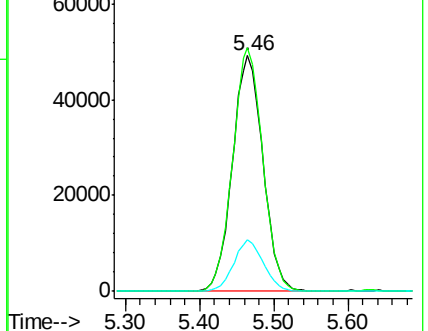
192 21.4 17.0 25.4



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: 18.261 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

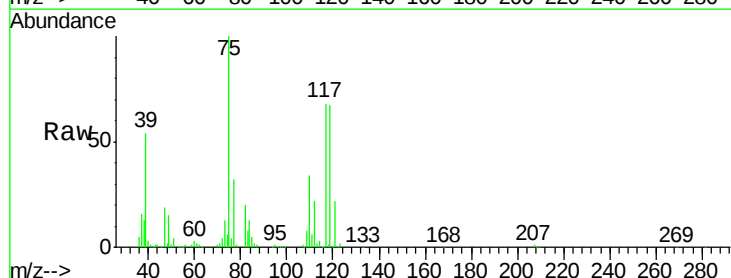
Tgt Ion: 75 Resp: 84349

Ion Ratio Lower Upper

75 100

110 34.5 18.1 54.1

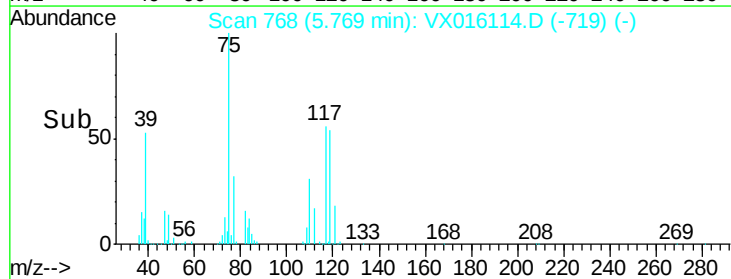
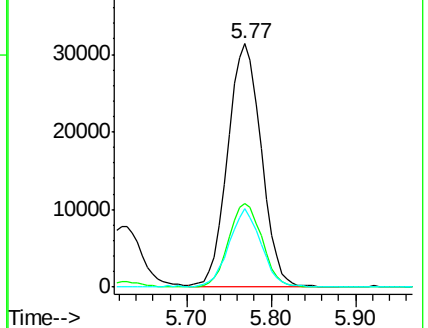
77 31.0 25.0 37.6

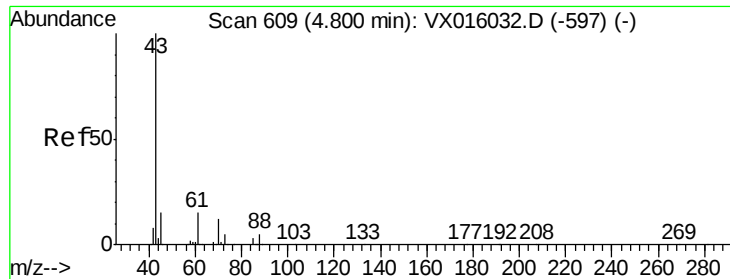


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

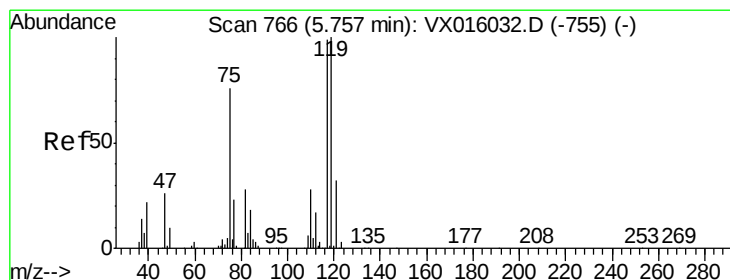
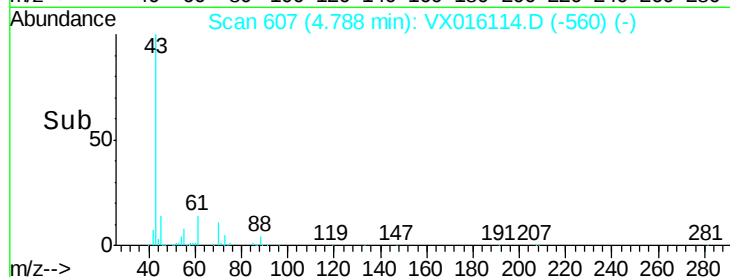
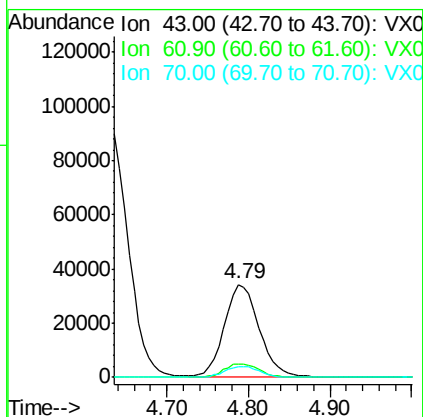
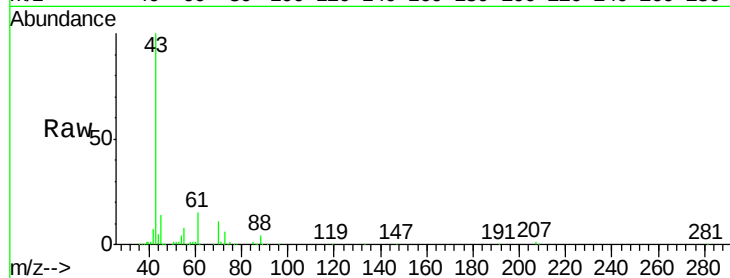




#37
Ethyl Acetate
Concen: 18.745 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

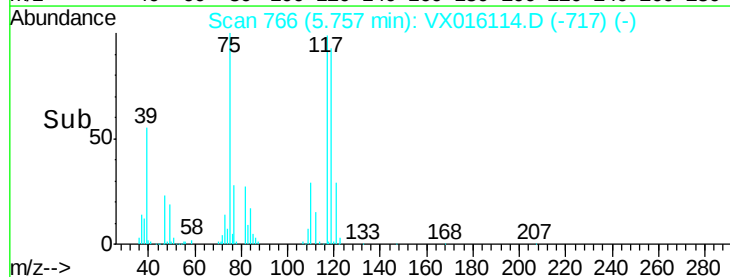
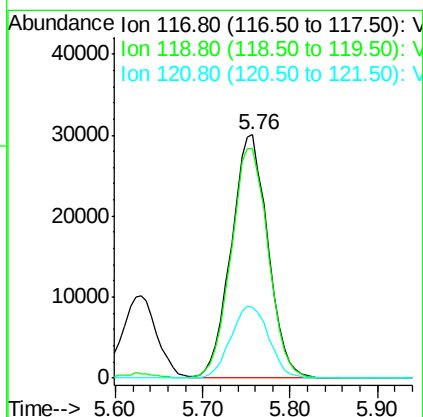
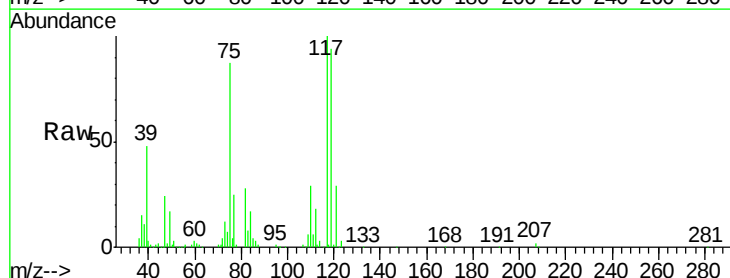
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

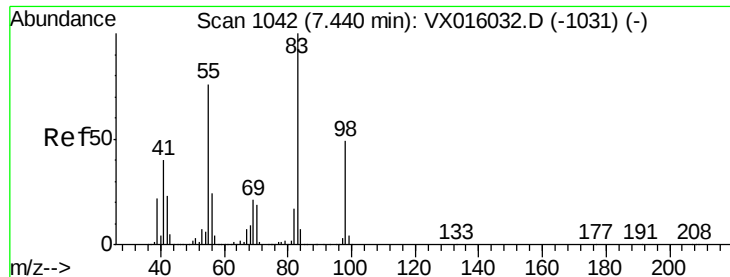
Tot Ion: 43 Resp: 100351
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 11.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.652 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Tgt Ion: 117 Resp: 87568
Ion Ratio Lower Upper
117 100
119 94.4 80.3 120.5
121 29.3 25.7 38.5

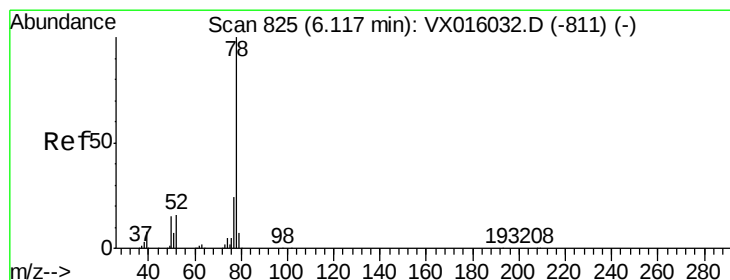
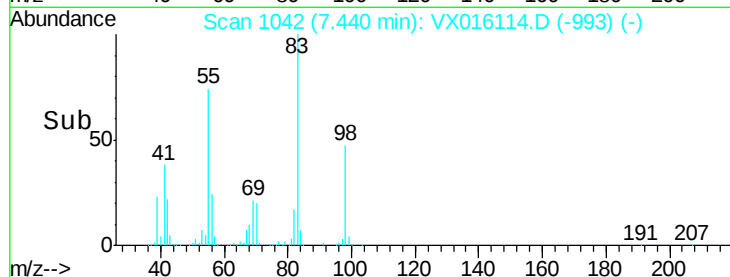
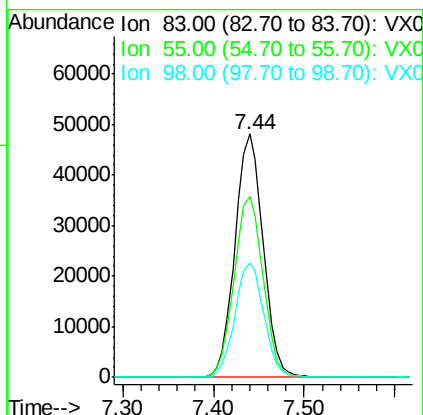
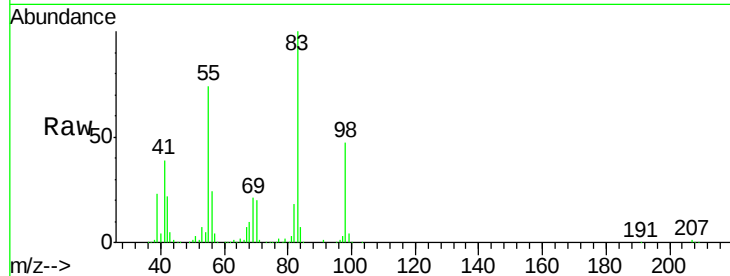




#39
Methvlcvclohexane
Concen: 18.683 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

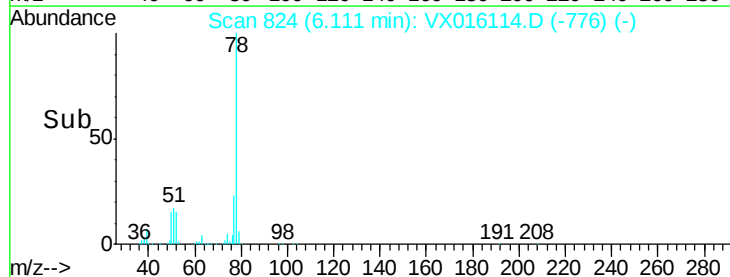
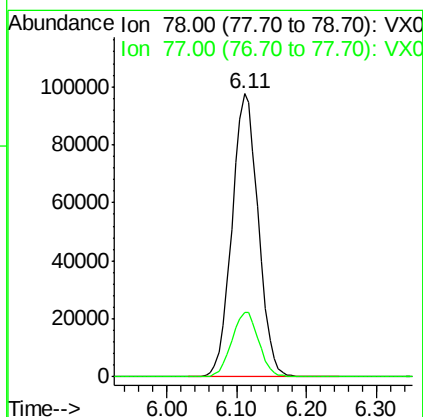
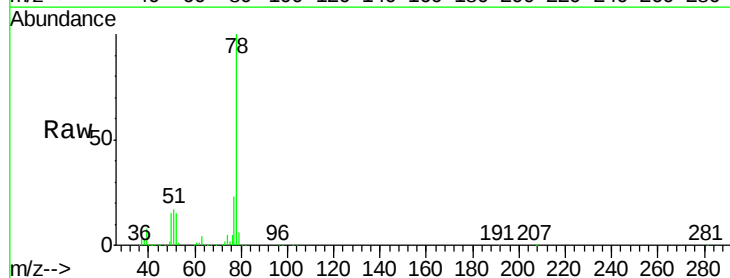
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

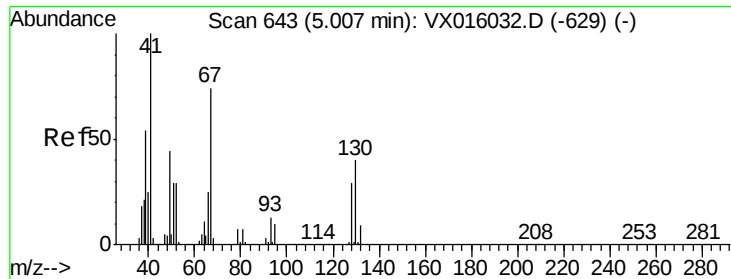
Tot Ion: 83 Resp: 103924
Ion Ratio Lower Upper
83 100
55 74.3 61.1 91.7
98 47.2 39.0 58.4



#40
Benzene
Concen: 18.865 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Tgt Ion: 78 Resp: 254963
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

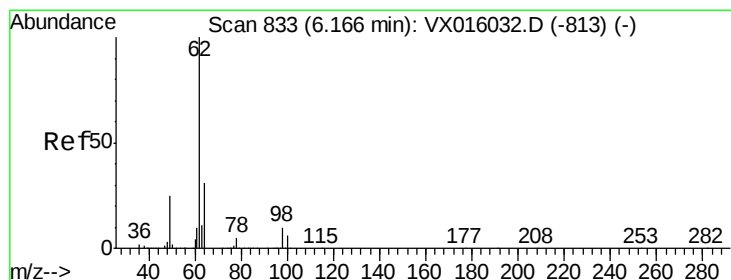
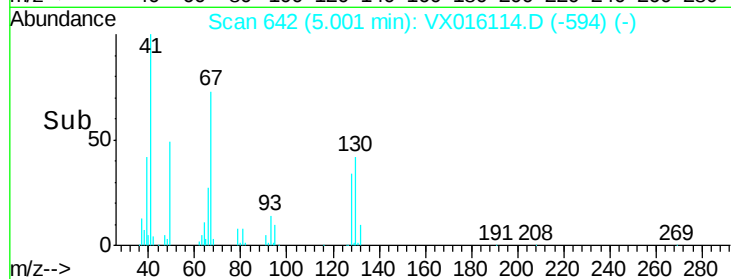
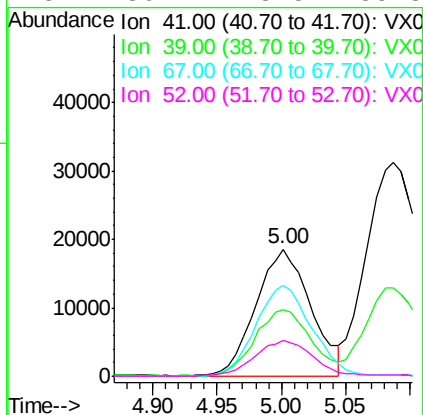
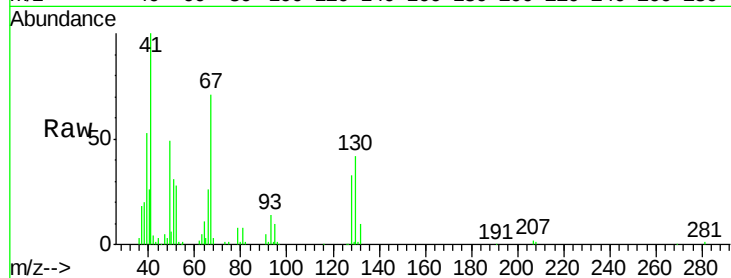




#41
Methacrylonitrile
Concen: 18.858 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

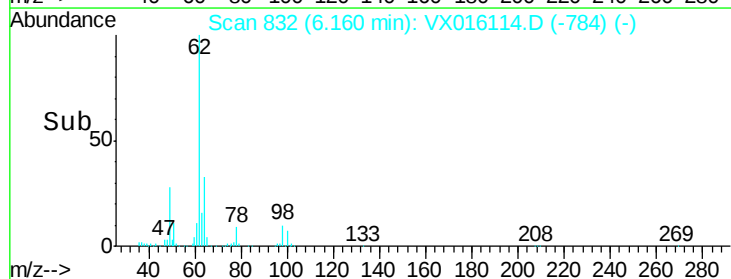
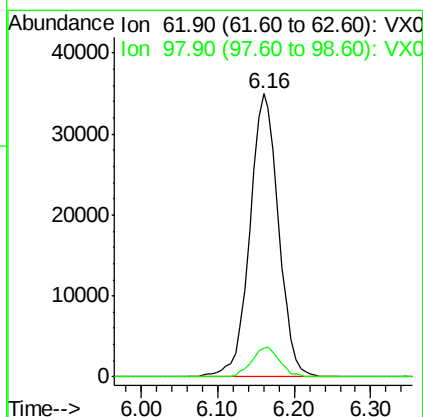
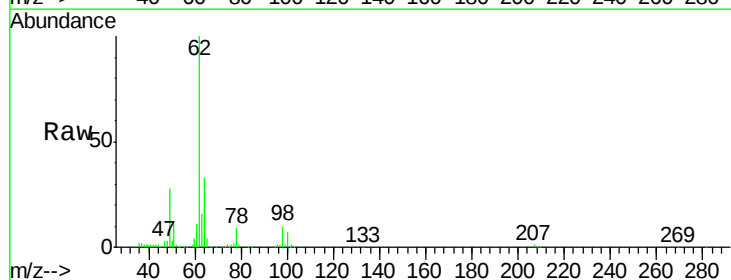
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

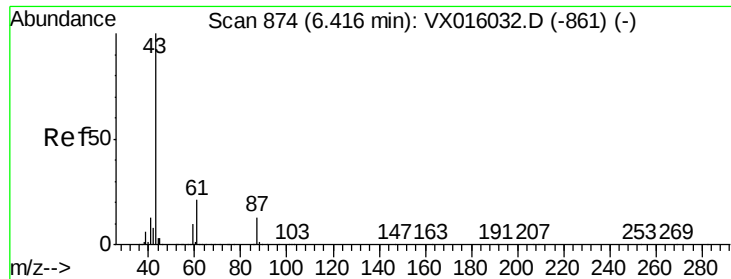
Tot Ion:	41	Resp:	54523
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.2	64.8
67	73.8	59.3	88.9
52	30.1	23.5	35.3



#42
1,2-Dichloroethane
Concen: 18.836 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Tgt Ion:	62	Resp:	91702
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4



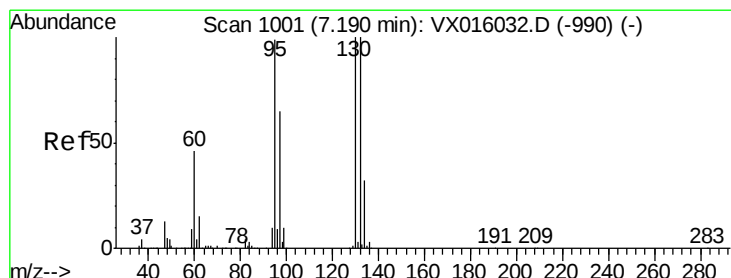
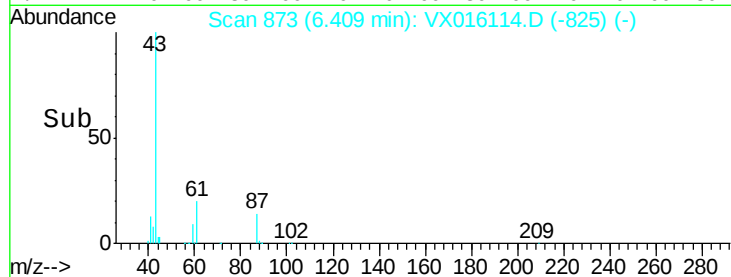
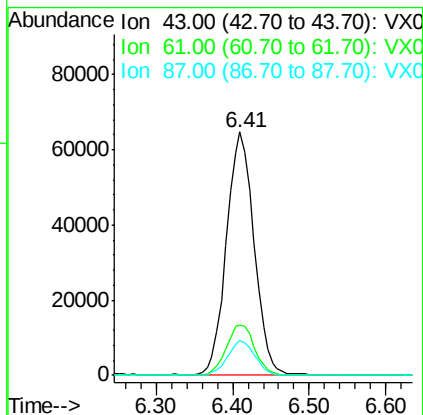
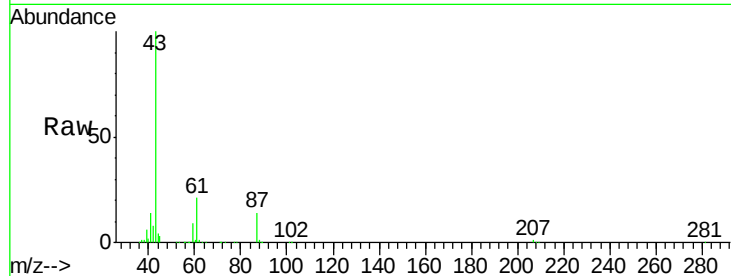


#43

Isopropyl Acetate
 Concen: 18.832 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

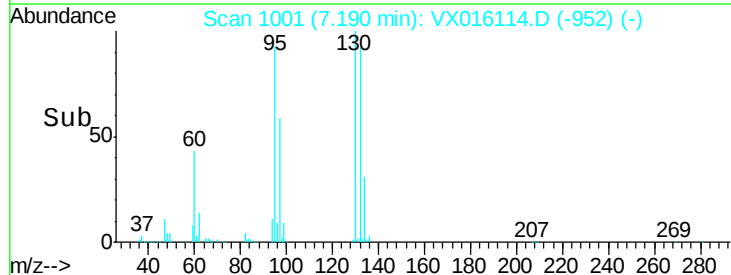
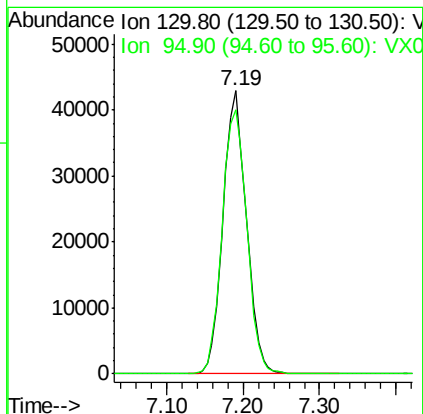
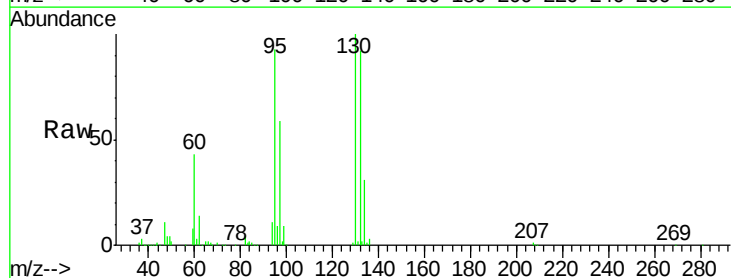
Tot Ion: 43 Resp: 160859
 Ion Ratio Lower Upper
 43 100
 61 21.7 17.0 25.4
 87 14.2 11.0 16.6

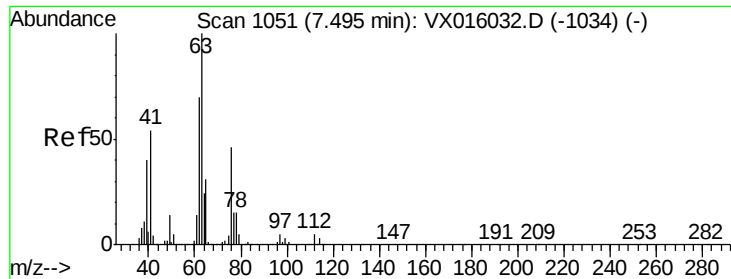


#44

Trichloroethene
 Concen: 19.037 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Tgt Ion:130 Resp: 91404
 Ion Ratio Lower Upper
 130 100
 95 93.4 0.0 197.4





#45

1,2-Dichloropropane

Concen: 19.183 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

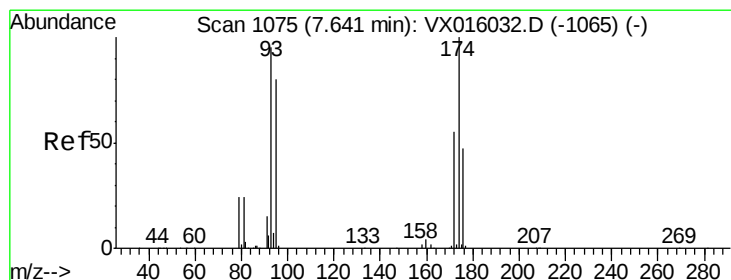
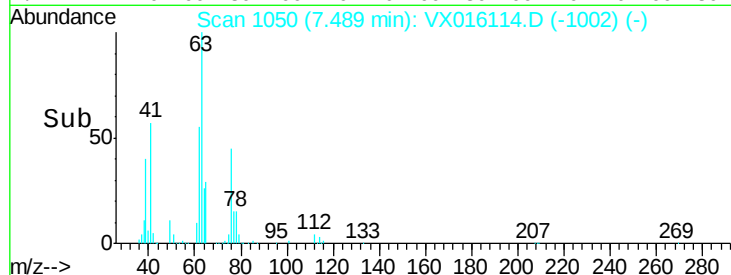
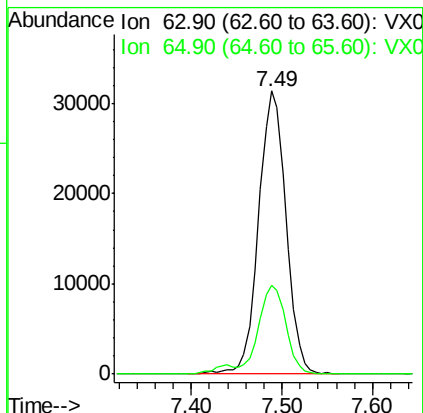
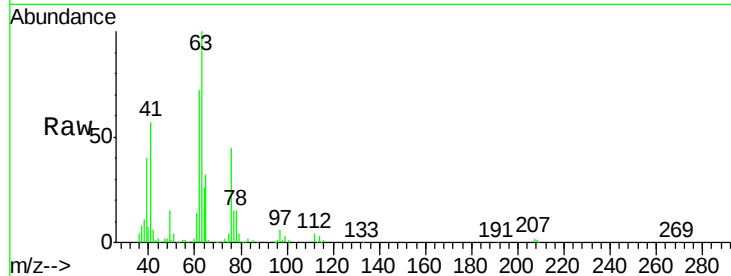
VX0508WBSD01

Tot Ion: 63 Resp: 65599

Ion Ratio Lower Upper

63 100

65 31.5 24.4 36.6



#46

Dibromomethane

Concen: 18.997 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

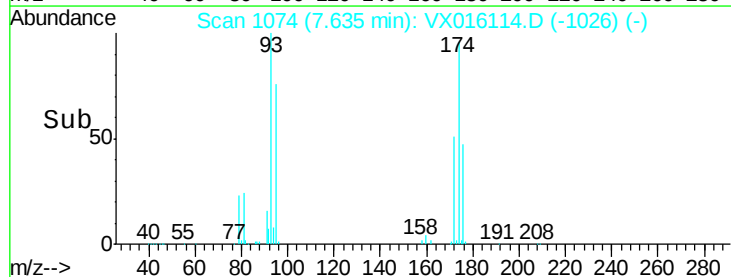
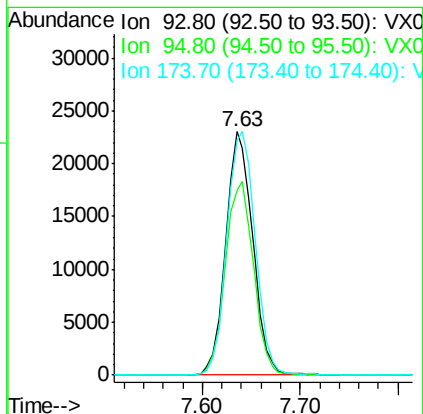
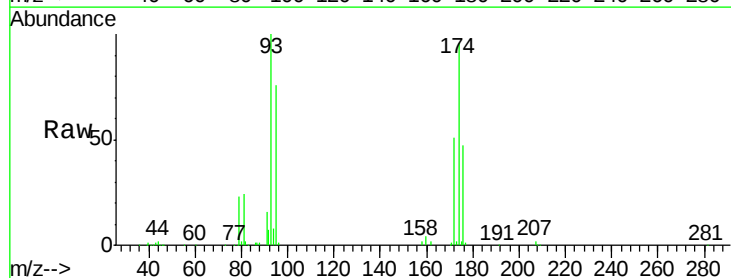
Tgt Ion: 93 Resp: 44149

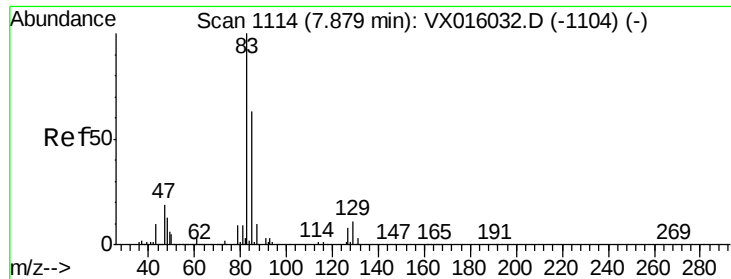
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 105.3 84.2 126.4





#47

Bromodichloromethane

Concen: 19.007 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

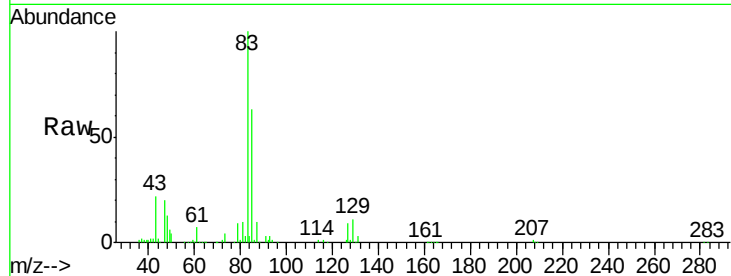
Tot Ion: 83 Resp: 89963

Ion Ratio Lower Upper

83 100

85 63.4 50.5 75.7

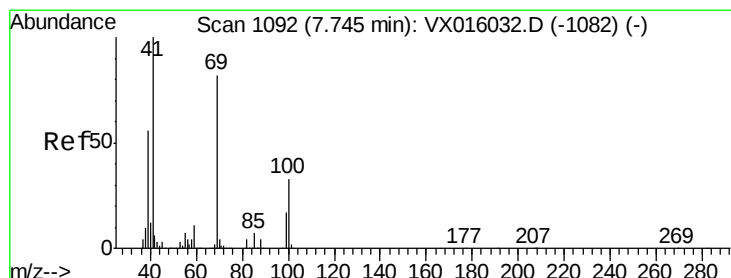
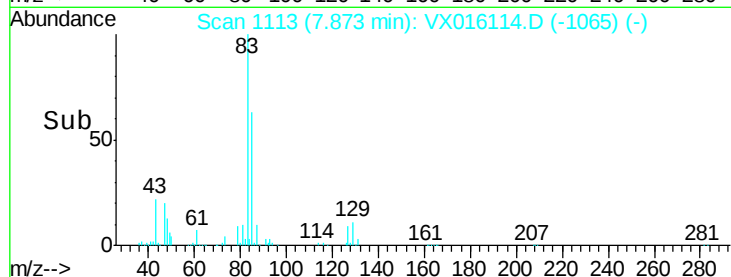
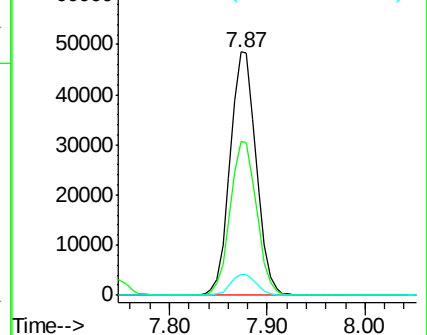
127 8.6 6.7 10.1



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: 18.539 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

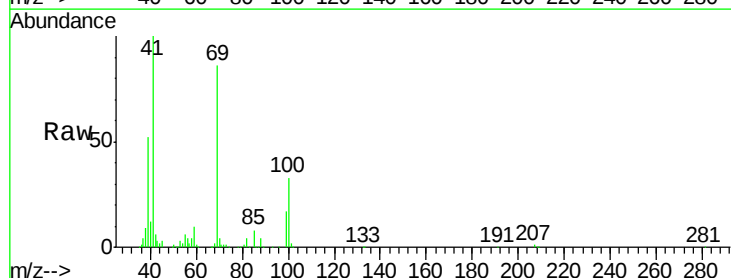
Tgt Ion: 41 Resp: 75035

Ion Ratio Lower Upper

41 100

69 86.7 67.8 101.6

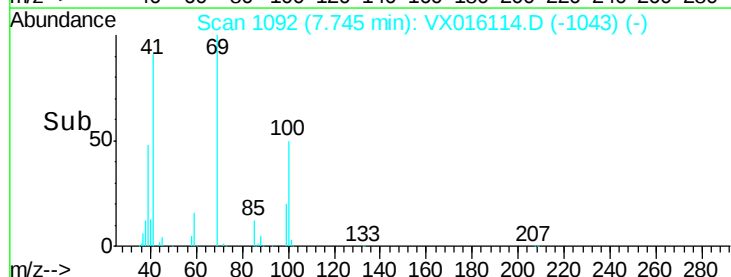
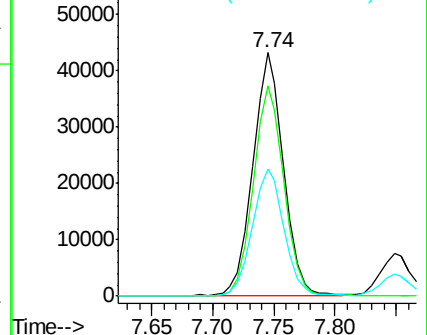
39 53.8 44.6 67.0

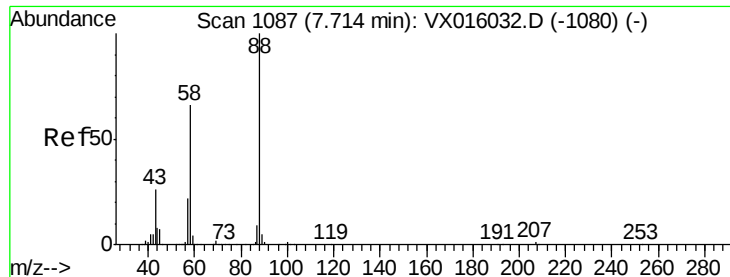


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 380.944 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

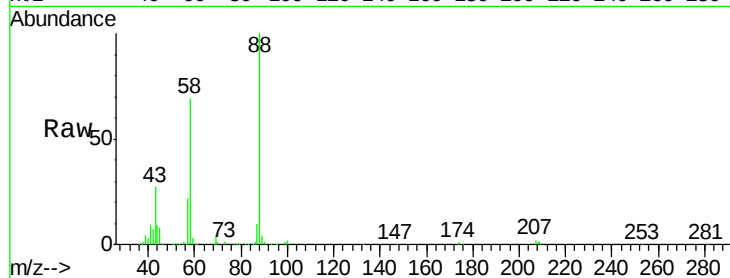
Tot Ion: 88 Resp: 36979

Ion Ratio Lower Upper

88 100

43 30.5 25.3 37.9

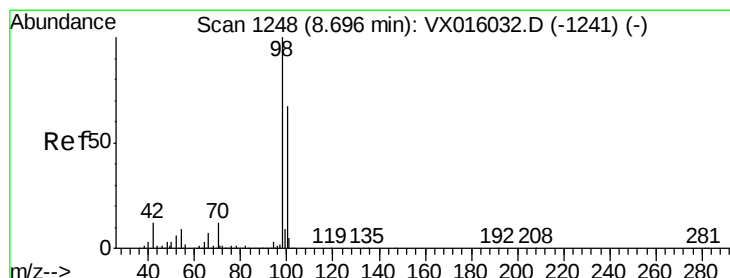
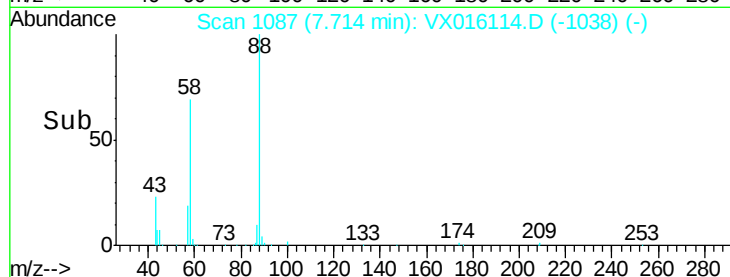
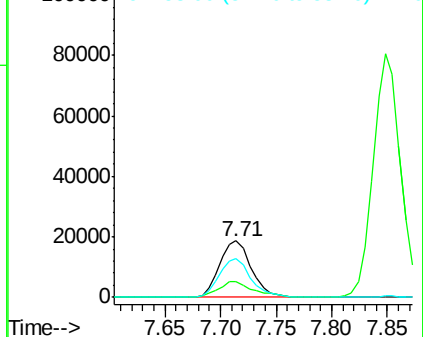
58 69.5 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.468 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016114.D

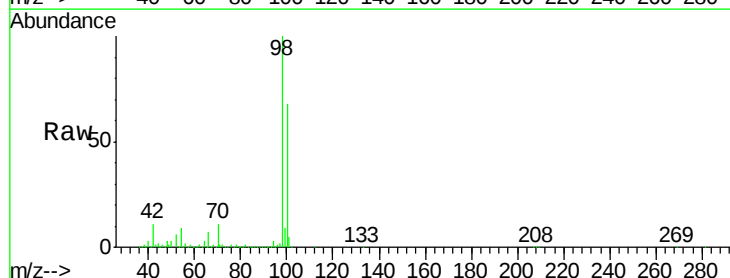
Acq: 08 May 2020 12:30

Tgt Ion: 98 Resp: 555172

Ion Ratio Lower Upper

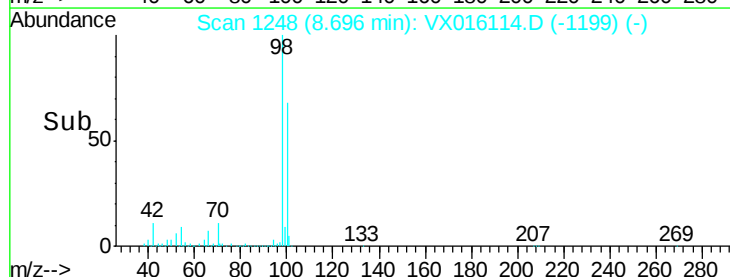
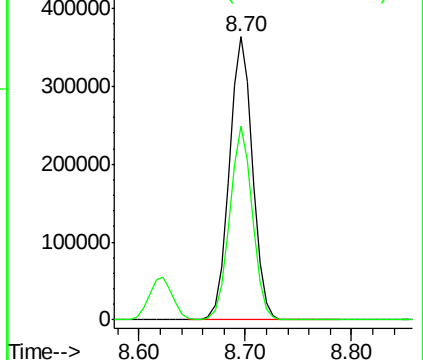
98 100

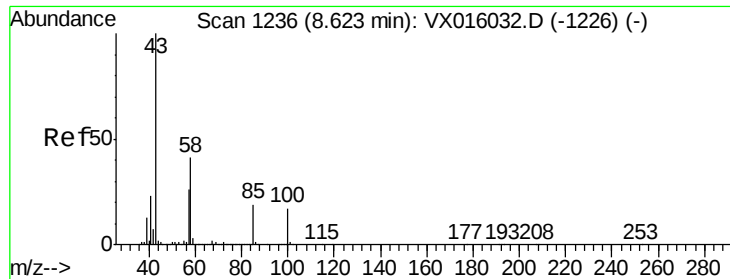
100 66.9 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

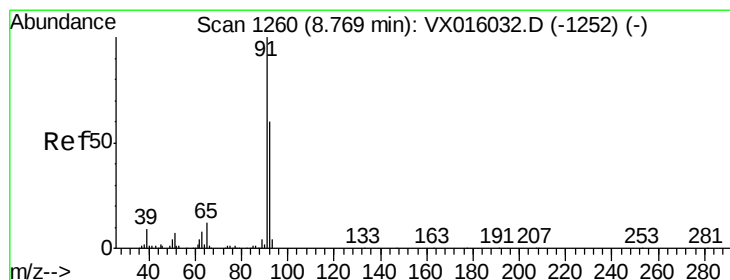
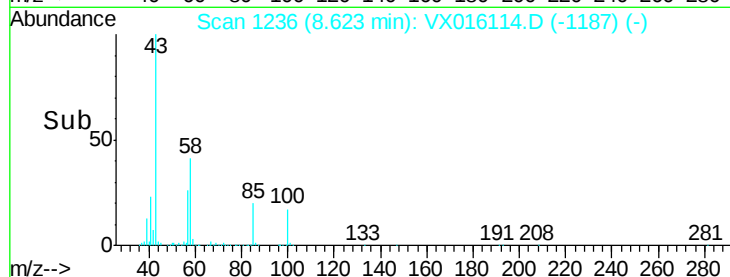
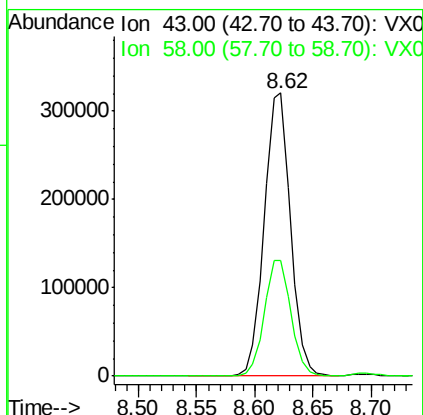
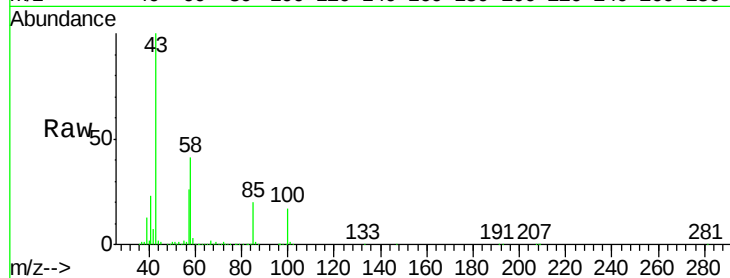




#51
 4-Methyl-2-Pentanone
 Concen: 96.182 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

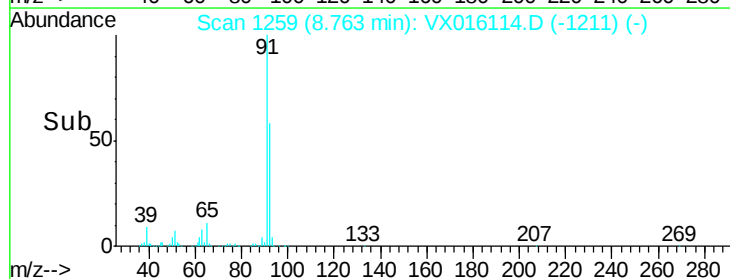
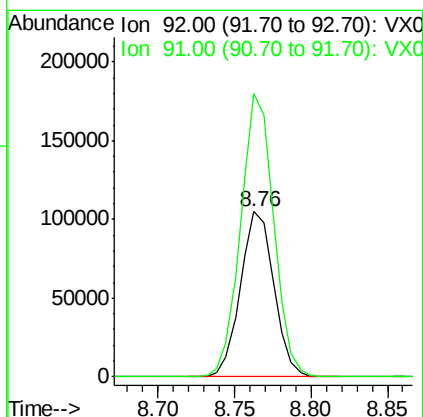
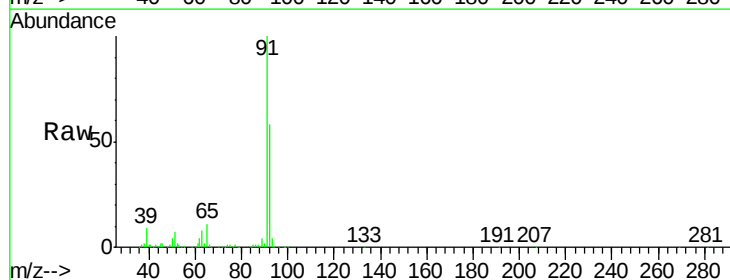
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

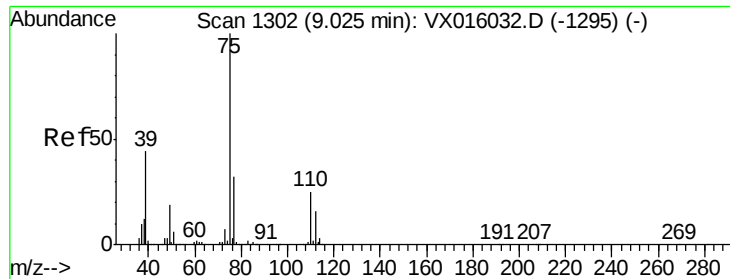
Tot Ion: 43 Resp: 502749
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.0 49.4



#52
 Toluene
 Concen: 18.939 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Tgt Ion: 92 Resp: 159542
 Ion Ratio Lower Upper
 92 100
 91 168.8 134.5 201.7

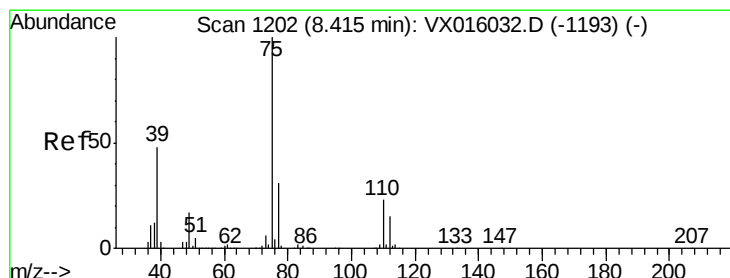
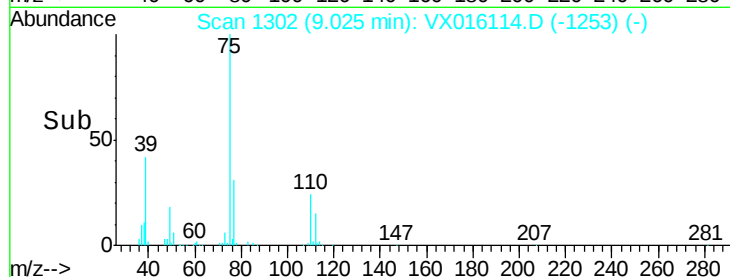
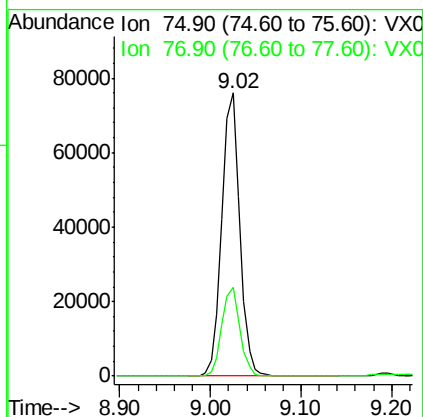
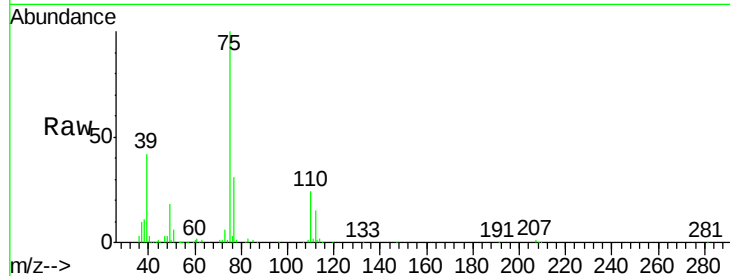




#53
t-1,3-Dichloropropene
Concen: 18.724 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

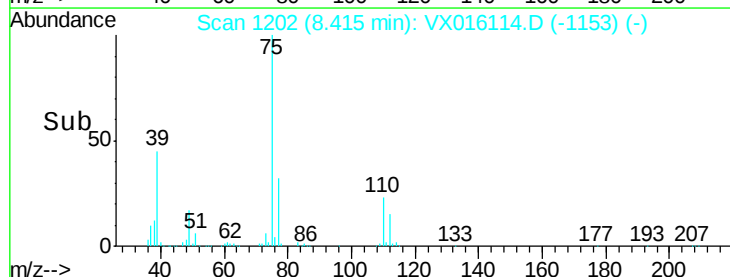
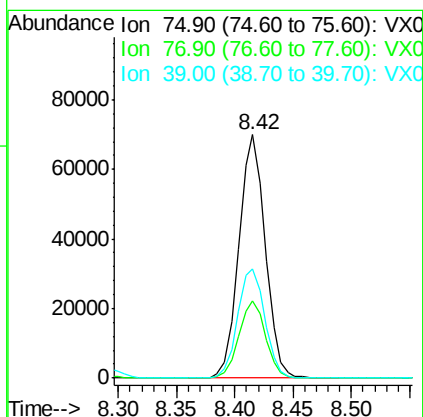
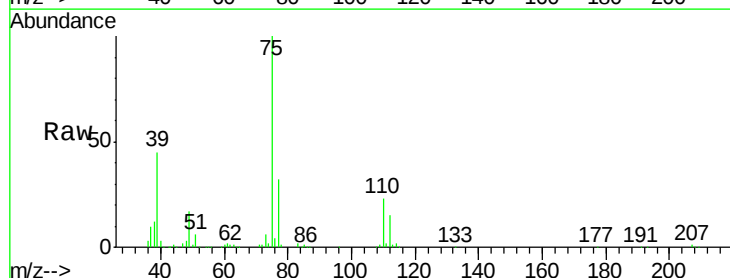
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

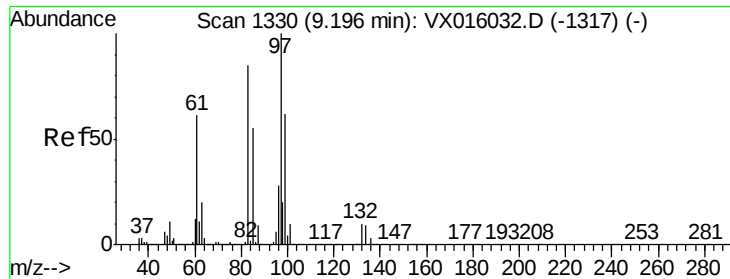
Tot Ion: 75 Resp: 105667
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 18.776 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Tgt Ion: 75 Resp: 110675
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1
39 45.0 38.7 58.1

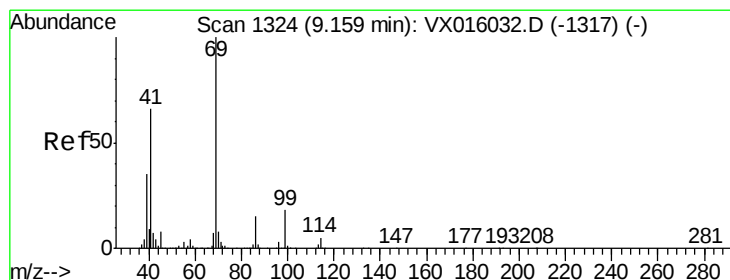
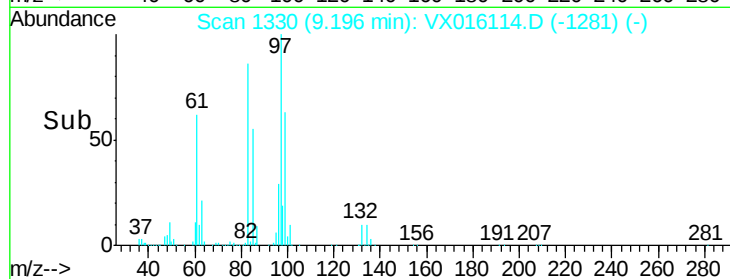
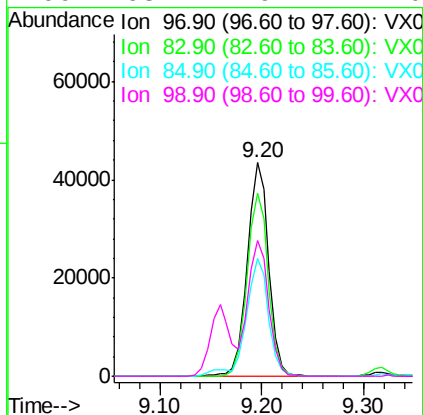
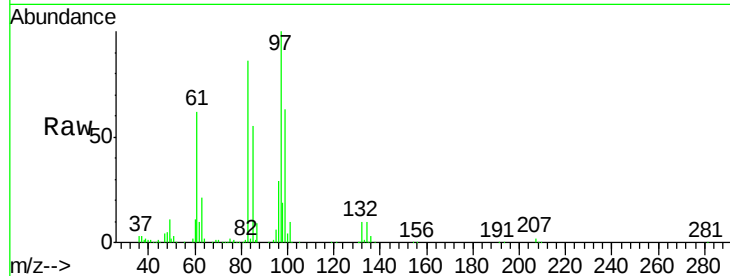




#55
 1,1,2-Trichloroethane
 Concen: 19.165 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

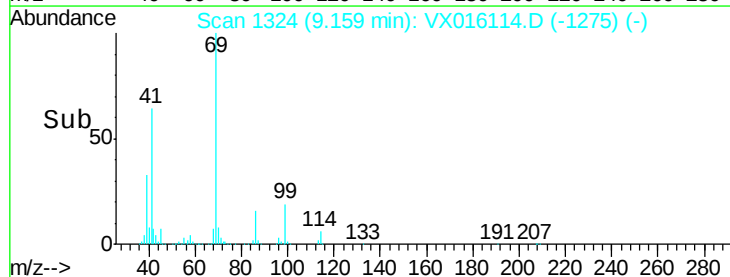
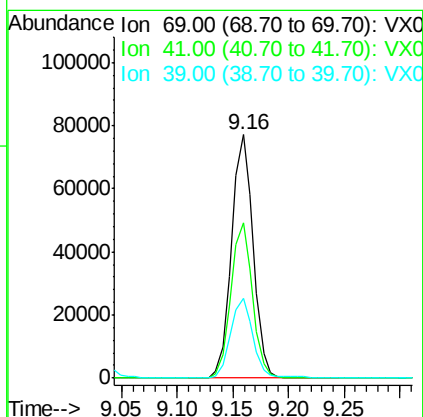
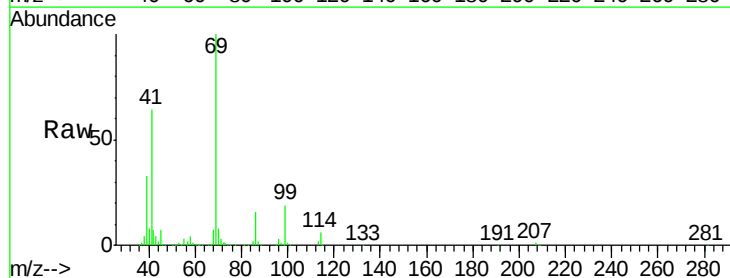
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

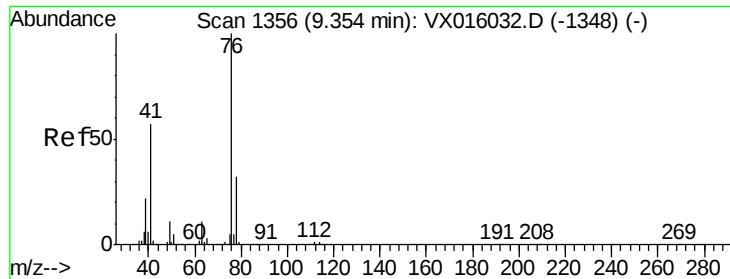
Tot Ion:	97	Resp:	63519
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.8	101.8
85	55.4	43.8	65.8
99	63.4	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.062 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Tgt Ion:	69	Resp:	103125
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.2	78.4
39	33.8	28.2	42.4





#57

1,3-Dichloropropane

Concen: 19.304 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

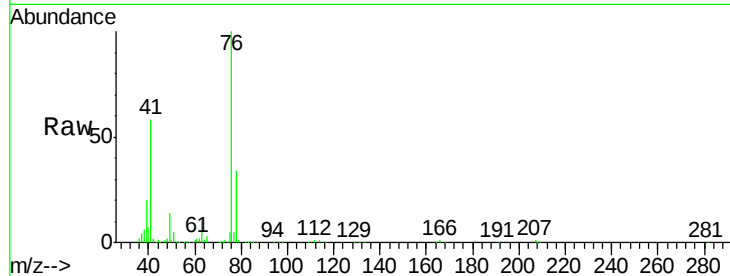
VX0508WBSD01

Tot Ion: 76 Resp: 111636

Ion Ratio Lower Upper

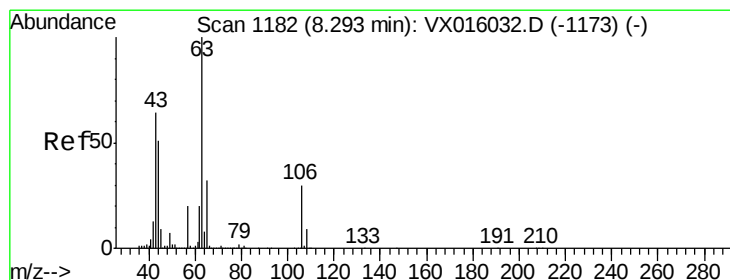
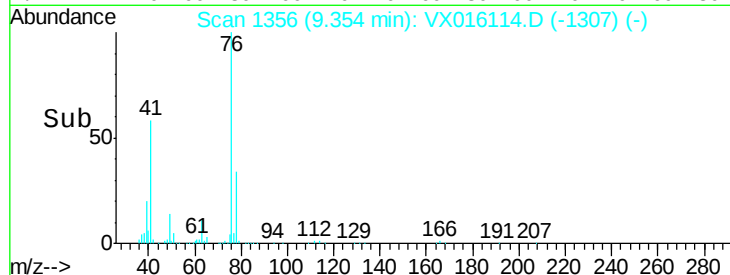
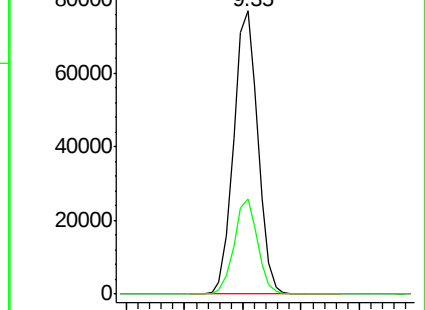
76 100

78 32.5 25.9 38.9



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: 91.357 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016114.D

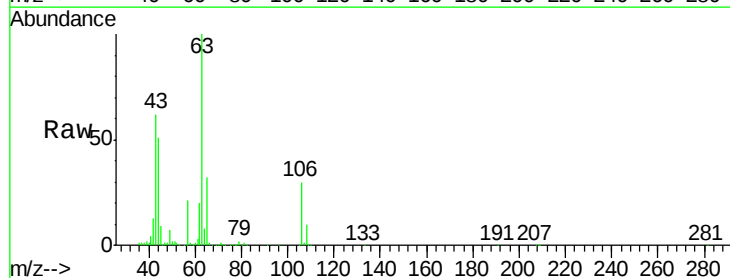
Acq: 08 May 2020 12:30

Tgt Ion: 63 Resp: 263123

Ion Ratio Lower Upper

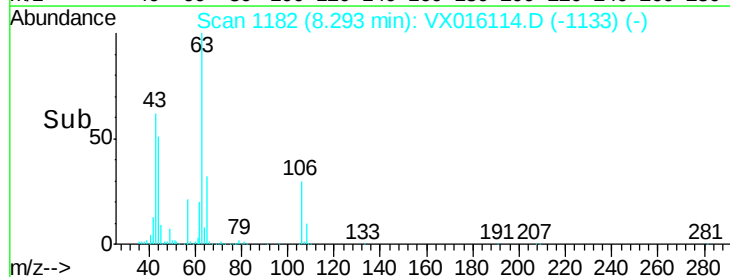
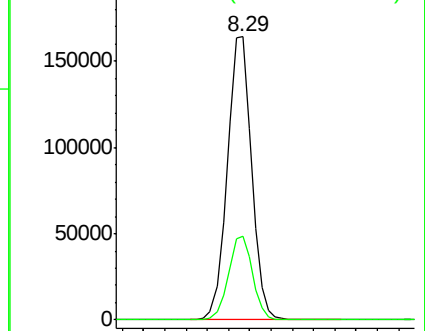
63 100

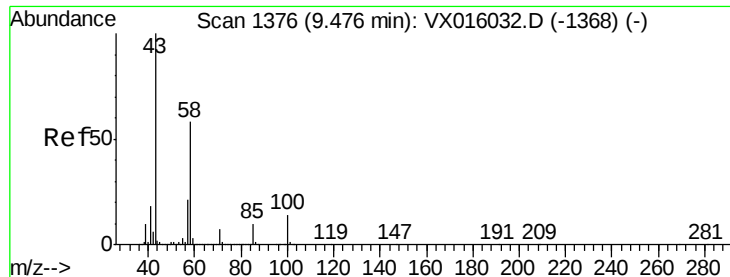
106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

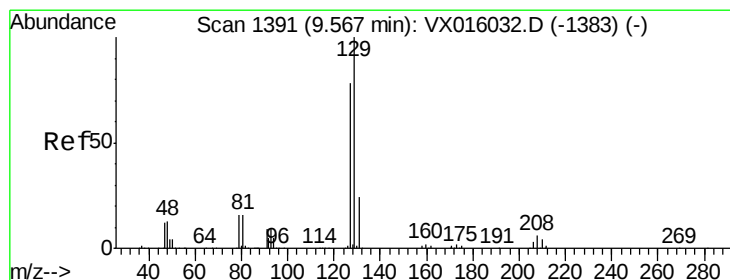
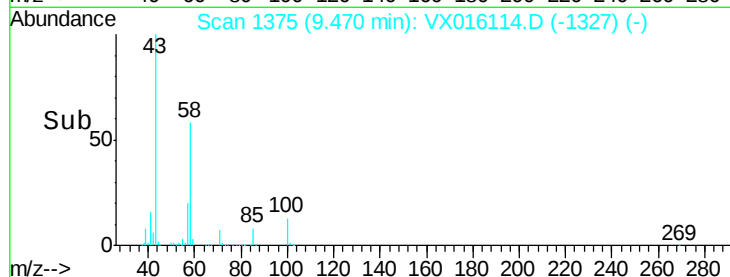
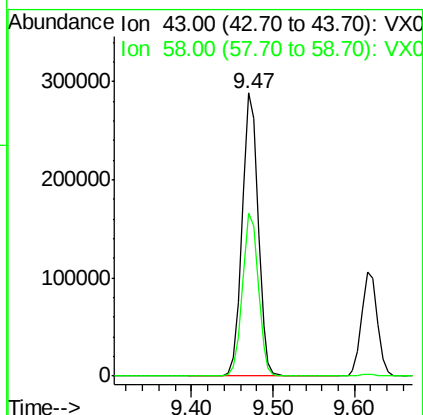
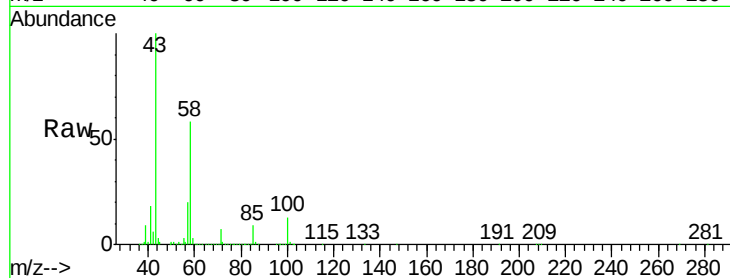




#59
2-Hexanone
Concen: 94.039 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

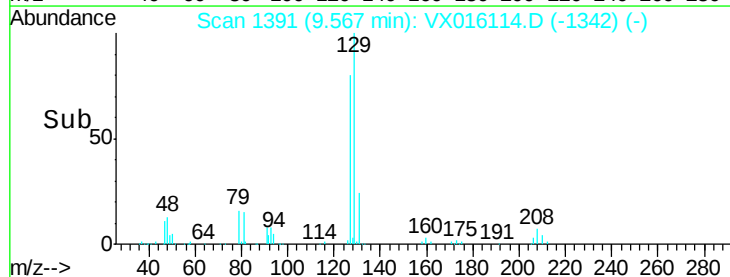
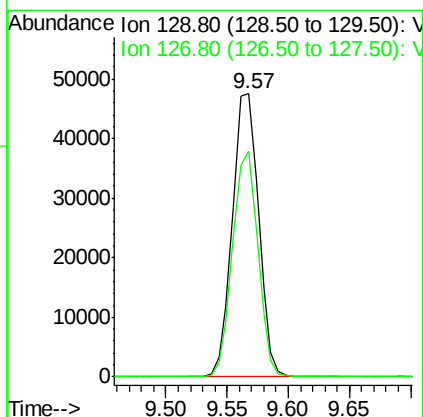
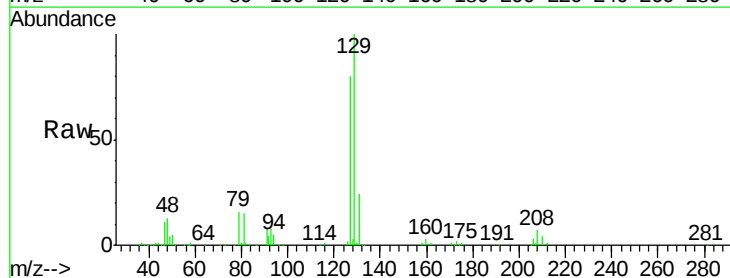
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

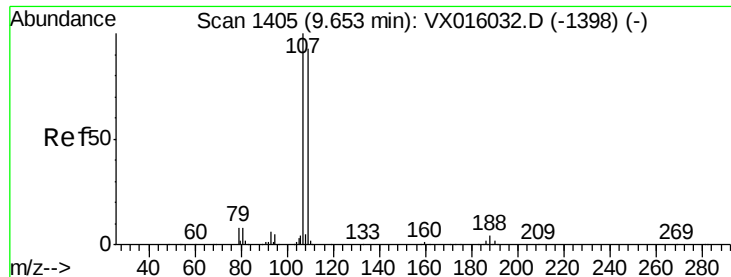
Tot Ion: 43 Resp: 386022
Ion Ratio Lower Upper
43 100
58 57.4 28.6 85.9



#60
Dibromochloromethane
Concen: 19.336 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Tgt Ion: 129 Resp: 70580
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.077 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

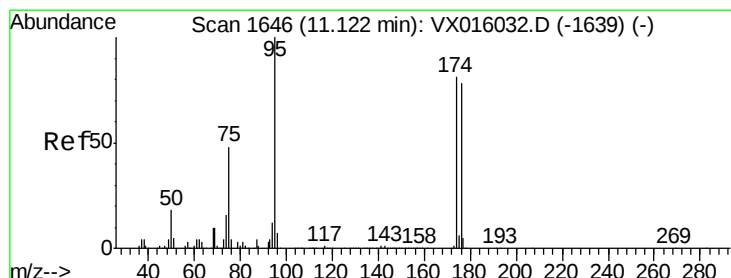
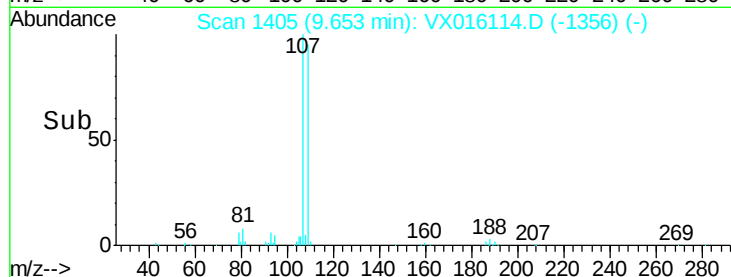
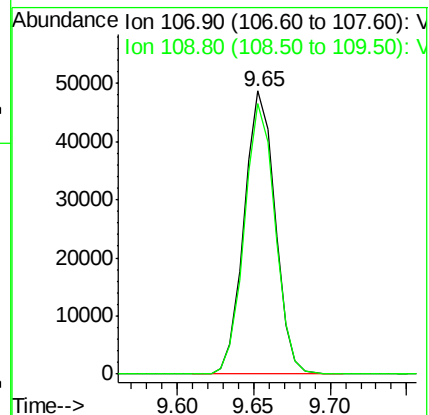
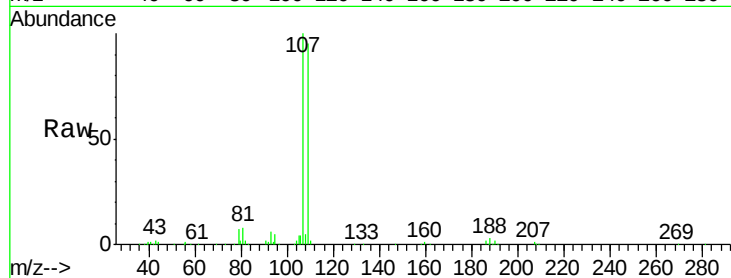
VX0508WBSD01

Tot Ion:107 Resp: 68486

Ion Ratio Lower Upper

107 100

109 95.1 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 48.707 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

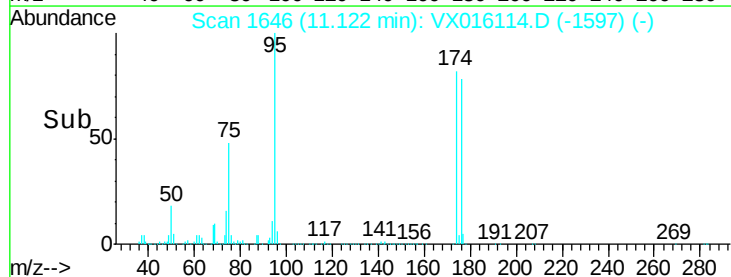
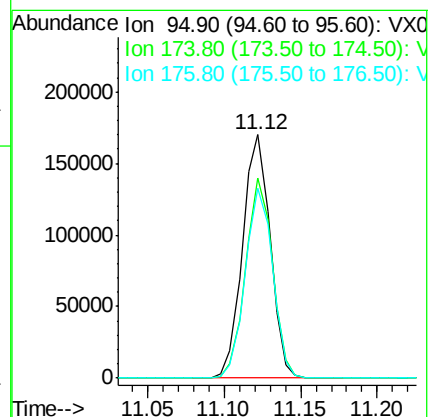
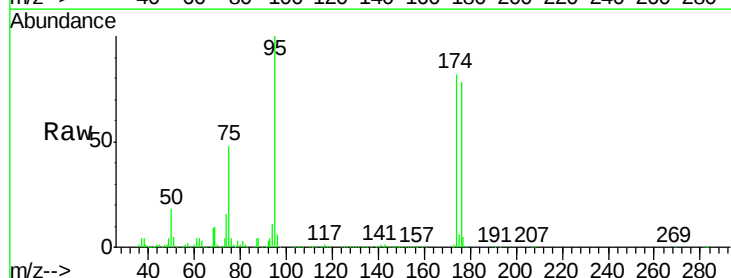
Tgt Ion: 95 Resp: 212204

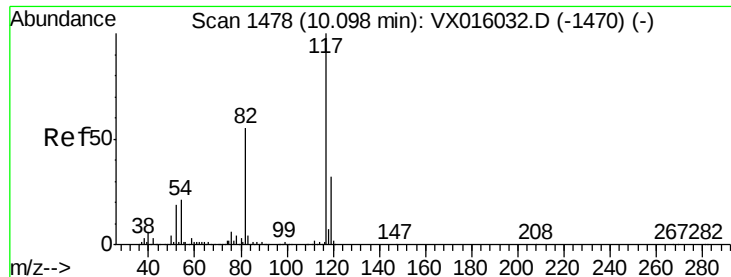
Ion Ratio Lower Upper

95 100

174 80.5 0.0 159.4

176 77.7 0.0 157.6

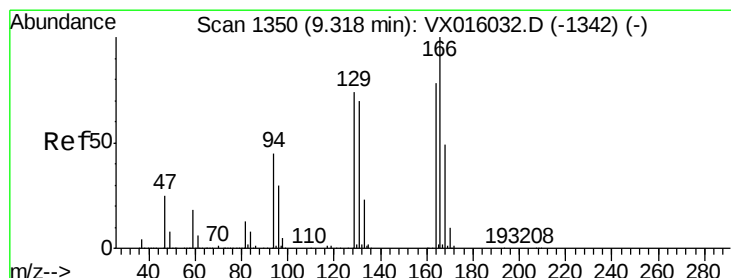
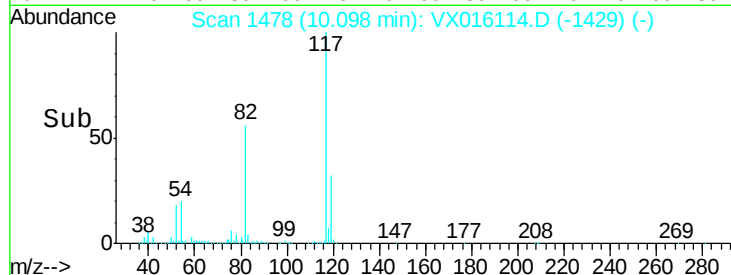
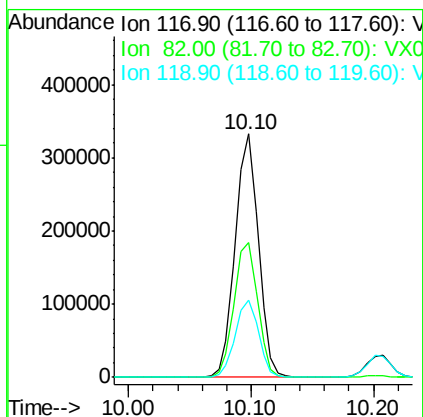
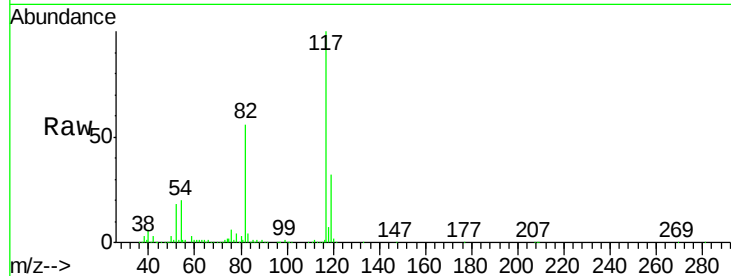




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

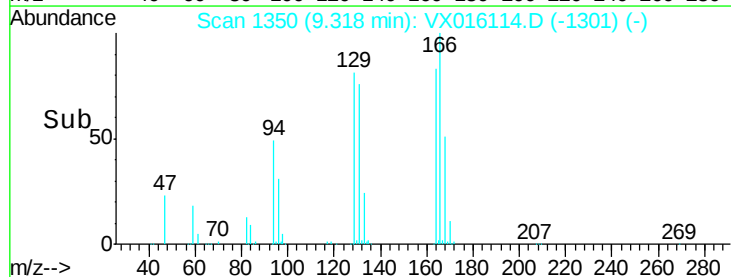
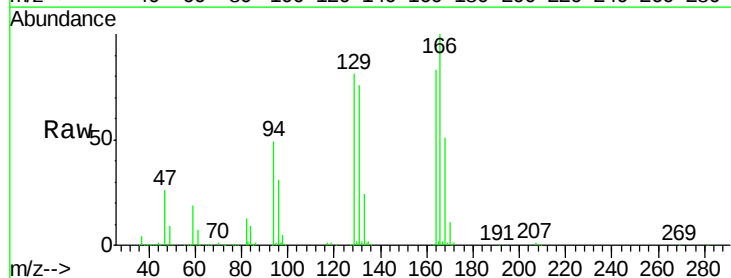
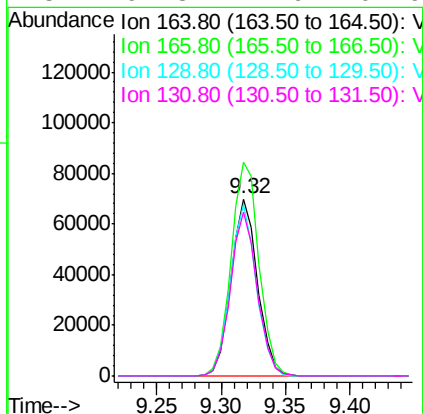
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

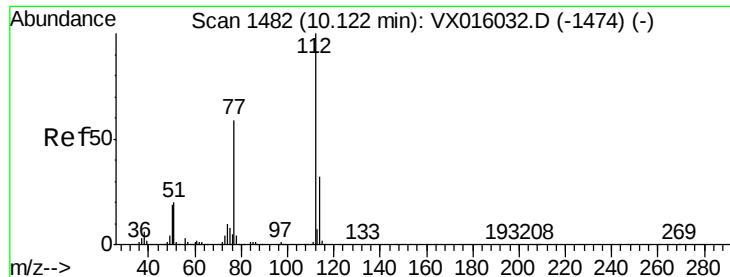
Tot Ion:117 Resp: 434540
Ion Ratio Lower Upper
117 100
82 55.5 44.4 66.6
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 18.853 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Tgt Ion:164 Resp: 100572
Ion Ratio Lower Upper
164 100
166 120.8 102.9 154.3
129 97.3 76.1 114.1
131 92.3 71.9 107.9





#65

Chlorobenzene

Concen: 18.700 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

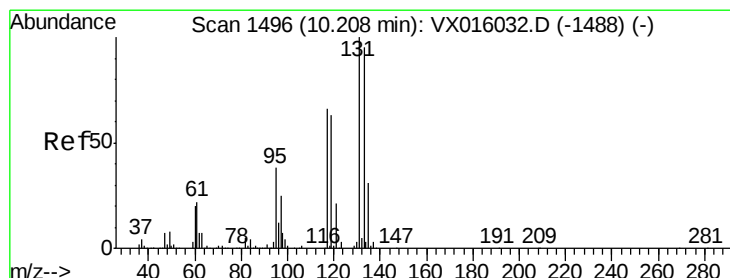
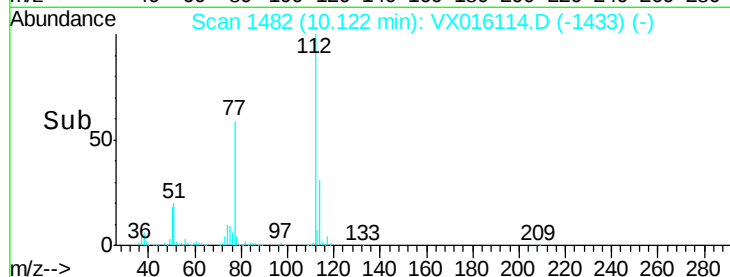
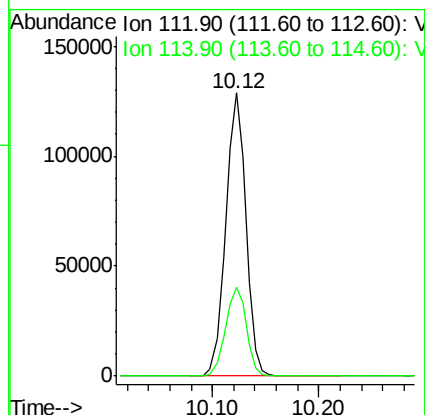
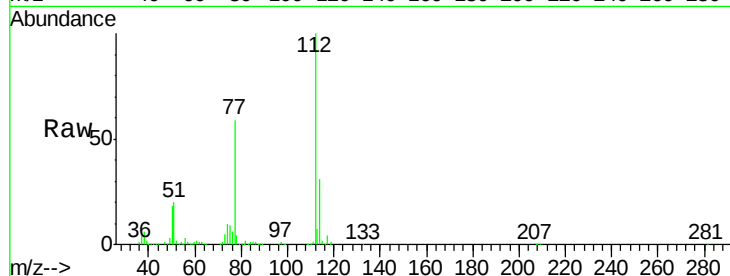
VX0508WBSD01

Tot Ion:112 Resp: 170147

Ion Ratio Lower Upper

112 100

114 31.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.897 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

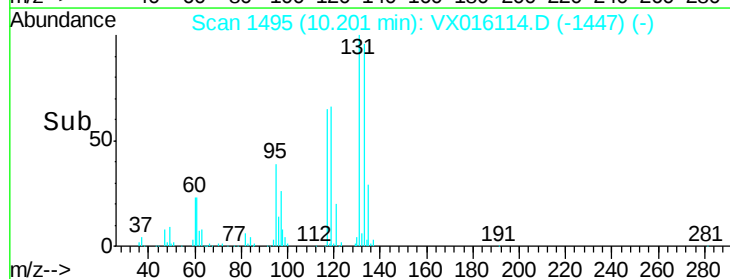
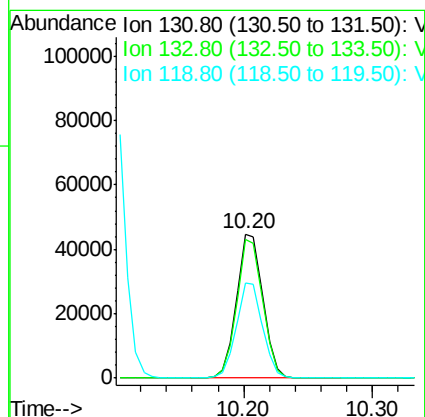
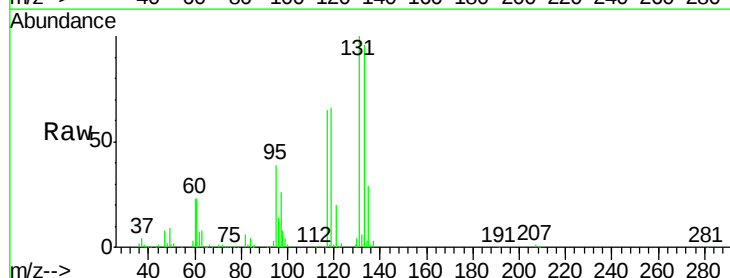
Tgt Ion:131 Resp: 63549

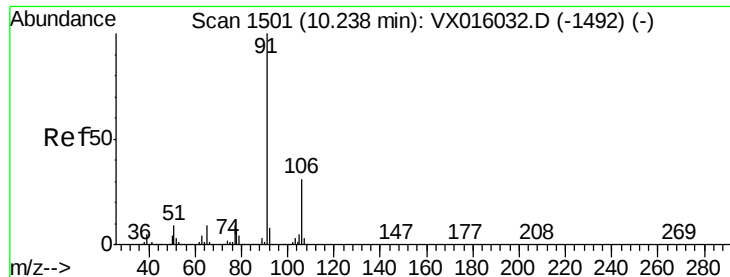
Ion Ratio Lower Upper

131 100

133 95.6 48.3 144.8

119 65.7 32.3 96.9

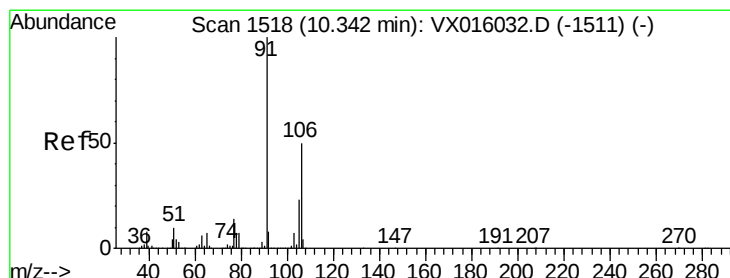
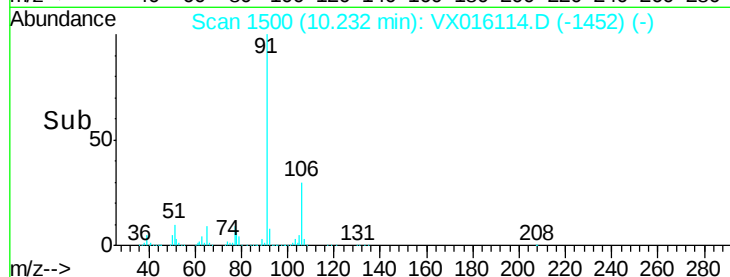
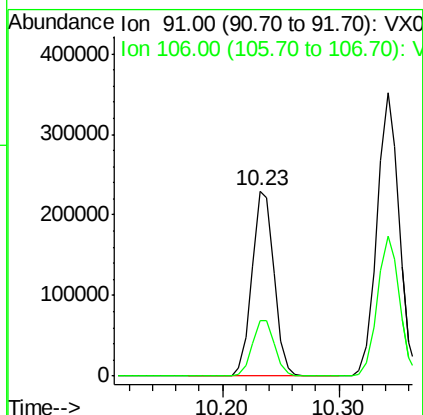
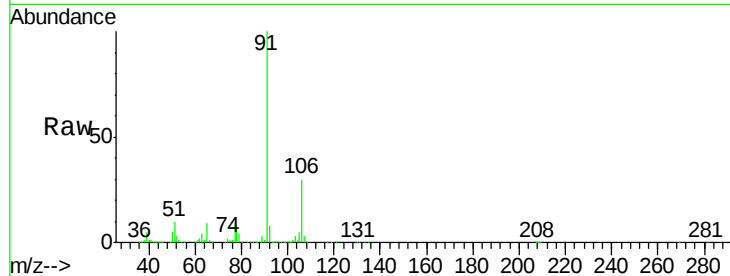




#67
Ethyl Benzene
Concen: 18.704 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

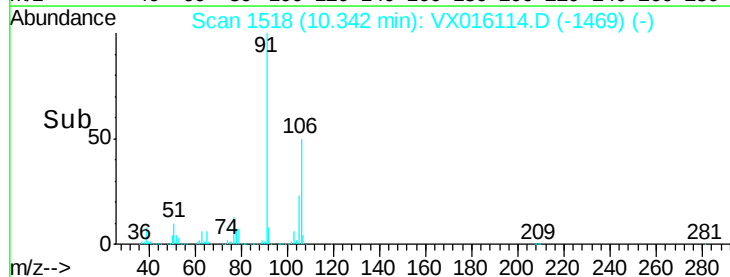
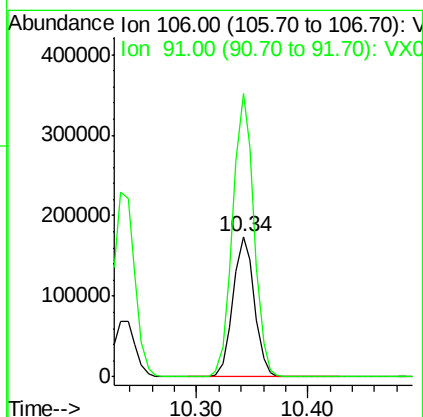
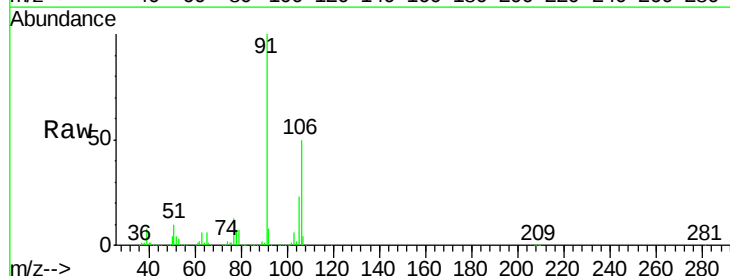
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

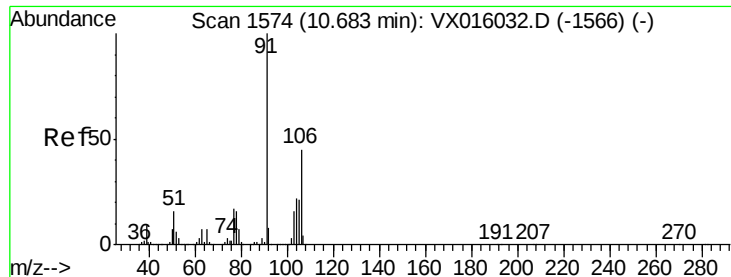
Tot Ion: 91 Resp: 303656
Ion Ratio Lower Upper
91 100
106 29.8 25.1 37.7



#68
m/p-Xylenes
Concen: 37.875 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Tgt Ion: 106 Resp: 230371
Ion Ratio Lower Upper
106 100
91 201.3 161.7 242.5

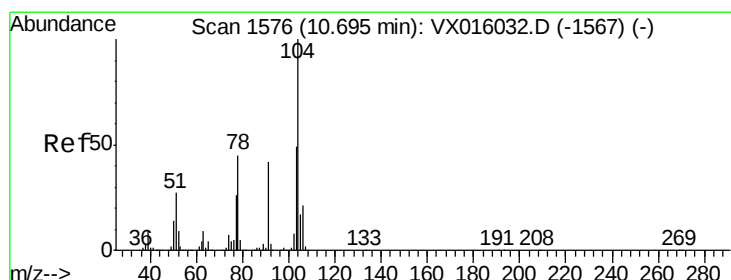
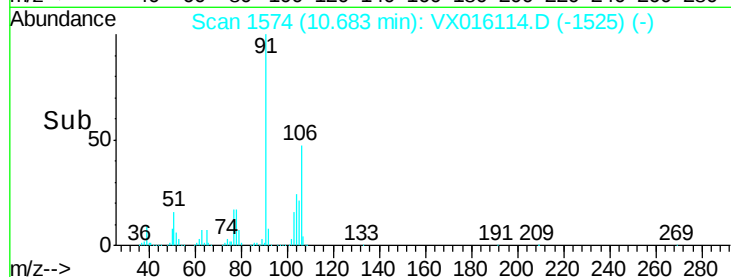
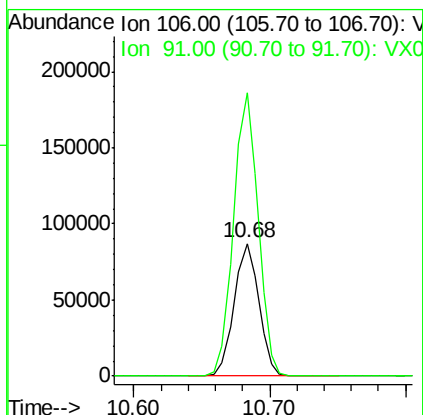
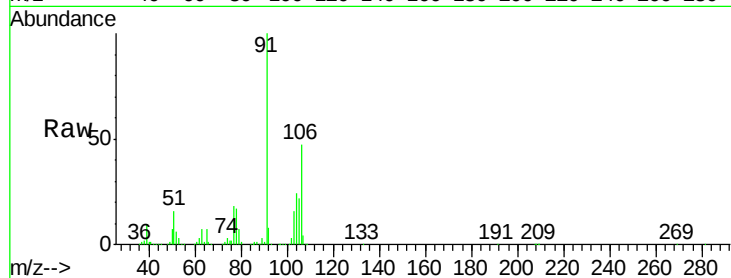




#69
o-Xylene
Concen: 18.912 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

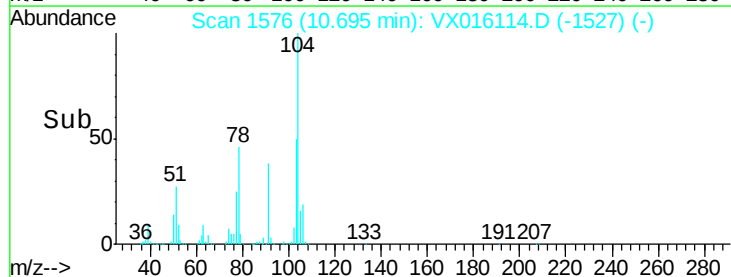
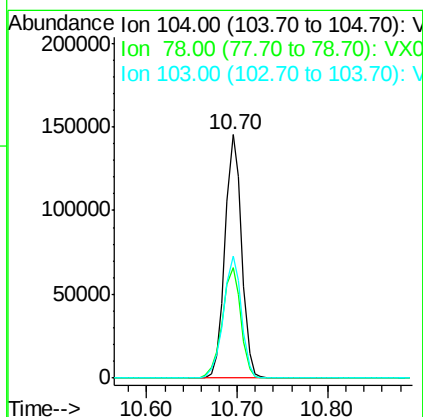
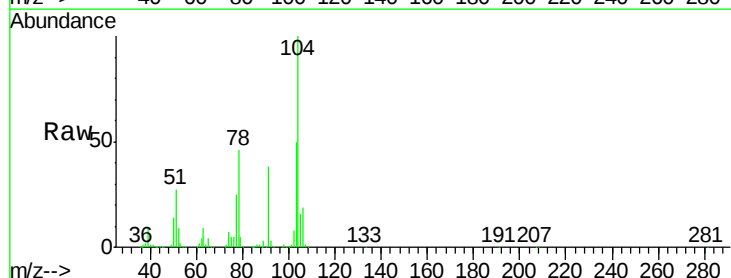
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

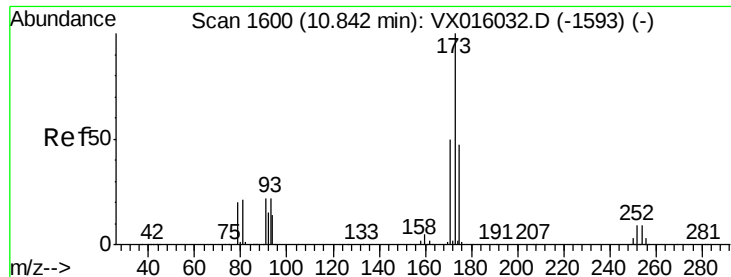
Tot Ion:106 Resp: 110571
Ion Ratio Lower Upper
106 100
91 212.4 107.5 322.6



#70
Styrene
Concen: 18.714 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016114.D
Acq: 08 May 2020 12:30

Tgt Ion:104 Resp: 185623
Ion Ratio Lower Upper
104 100
78 50.8 40.2 60.2
103 54.4 43.0 64.6





#71

Bromoform

Concen: 18.494 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

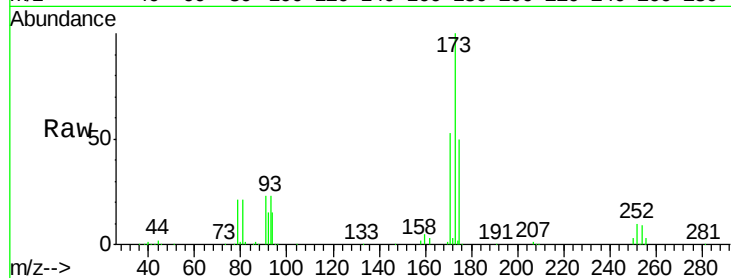
Tot Ion:173 Resp: 50673

Ion Ratio Lower Upper

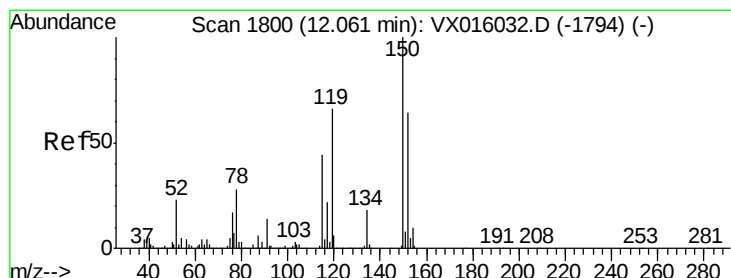
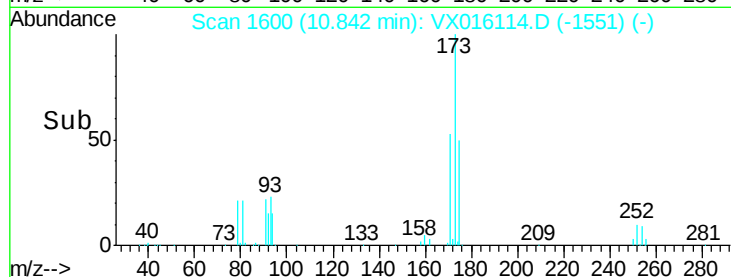
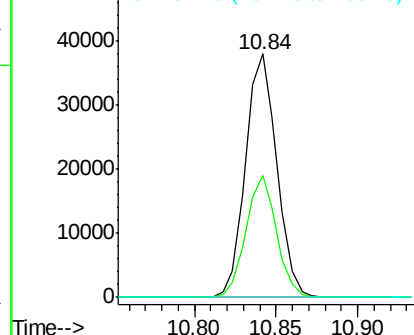
173 100

175 48.9 24.0 72.0

254 0.1 0.1 0.1



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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

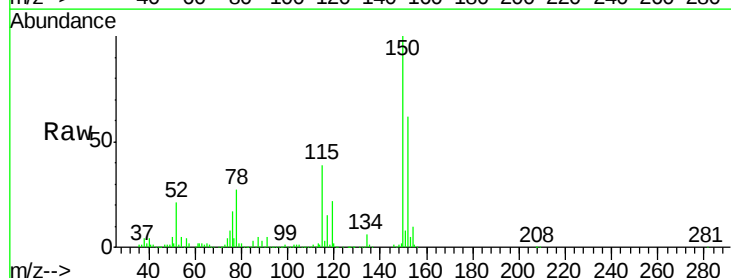
Tgt Ion:152 Resp: 217144

Ion Ratio Lower Upper

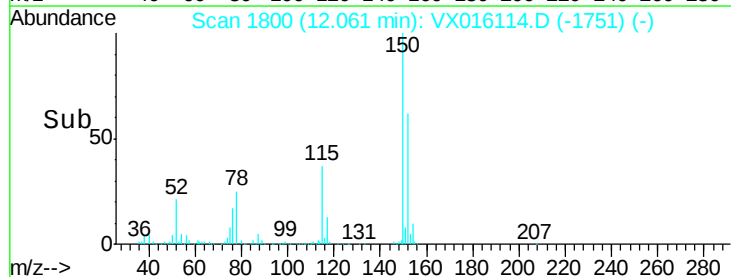
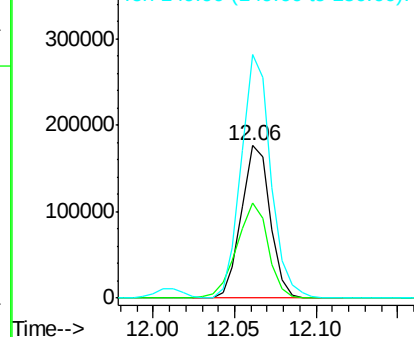
152 100

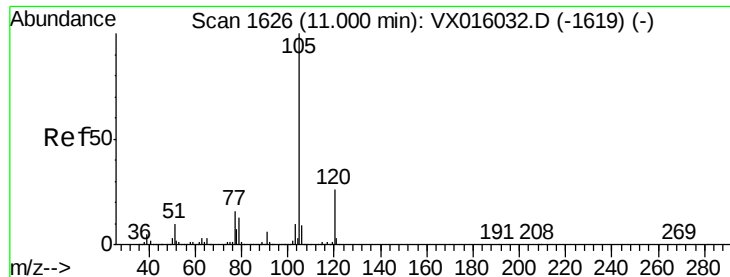
115 68.0 41.3 124.1

150 164.1 0.0 352.2



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: 18.736 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

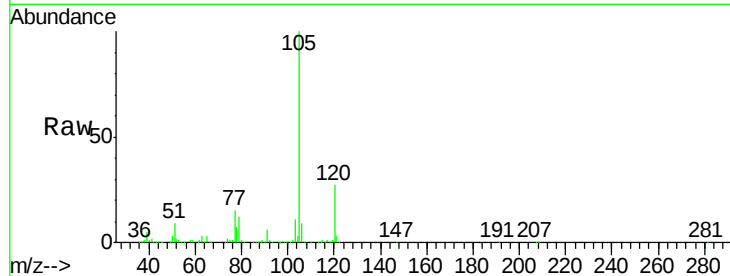
VX0508WBSD01

Tot Ion:105 Resp: 295909

Ion Ratio Lower Upper

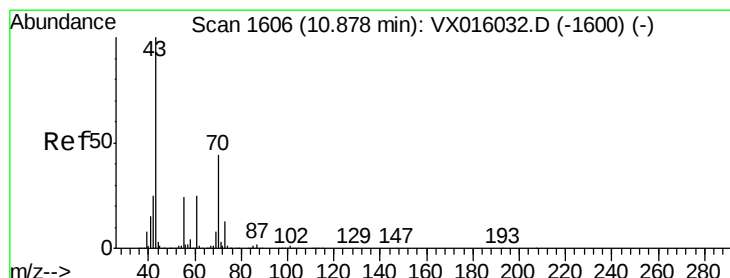
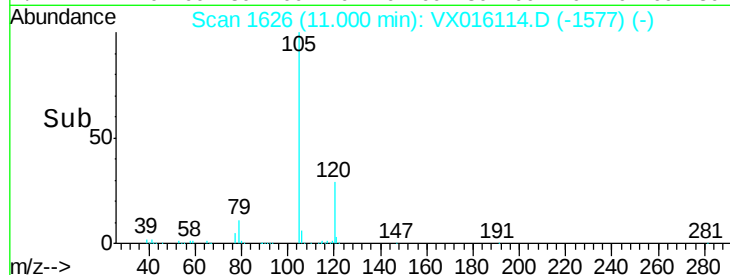
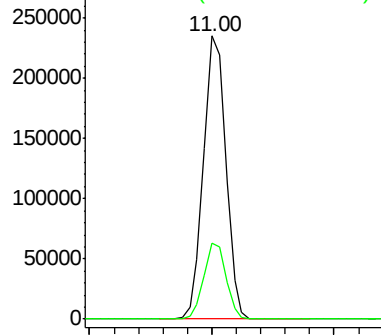
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.306 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Tgt Ion: 43 Resp: 134858

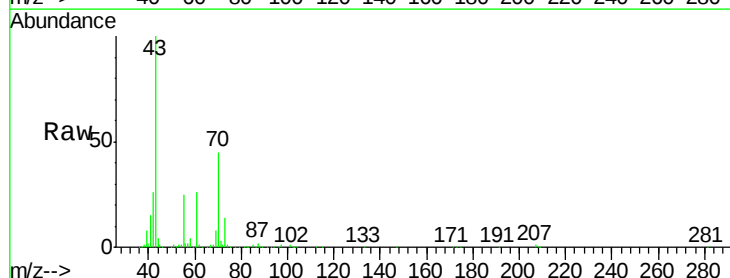
Ion Ratio Lower Upper

43 100

70 45.4 36.5 54.7

55 25.7 19.7 29.5

61 25.6 20.9 31.3

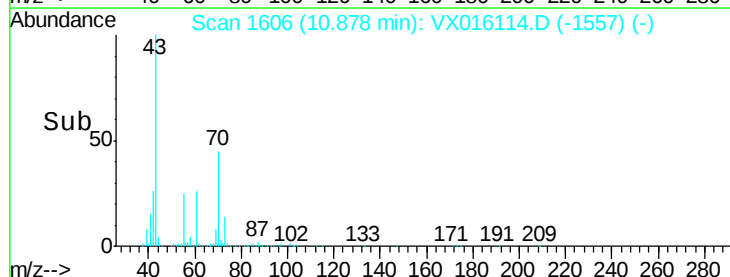
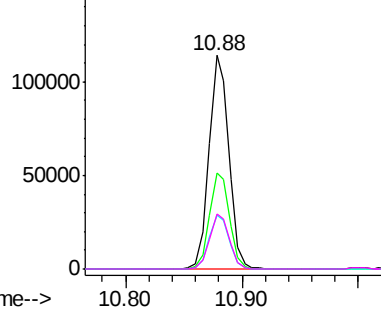


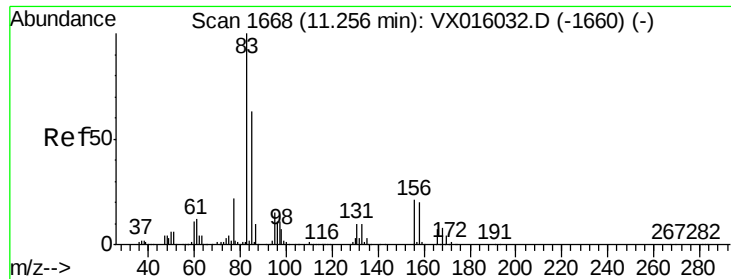
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.948 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

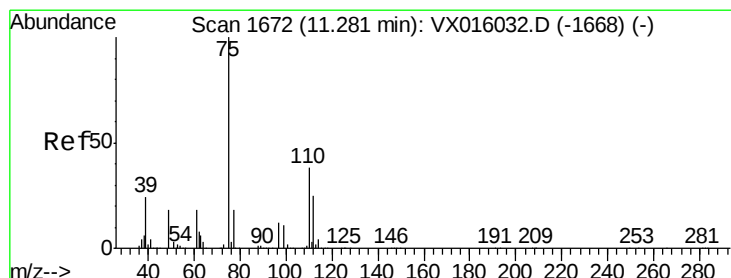
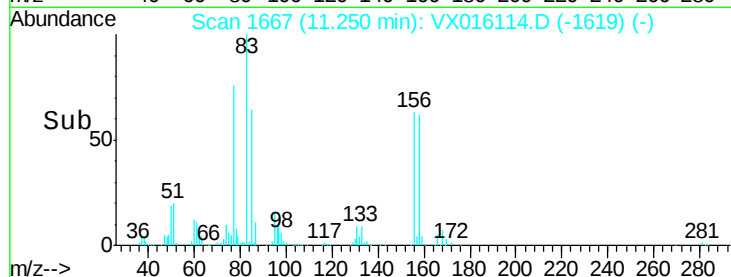
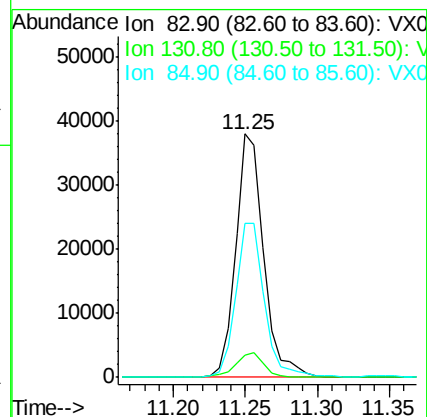
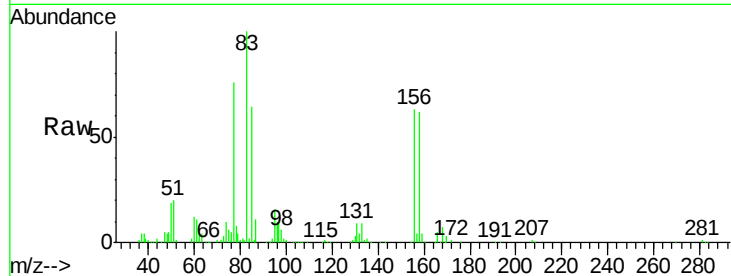
Tot Ion: 83 Resp: 51435

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 65.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 19.404 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016114.D

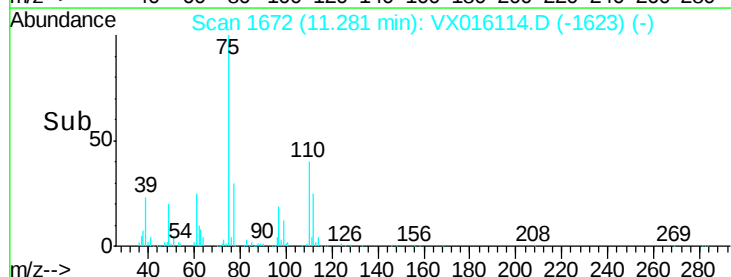
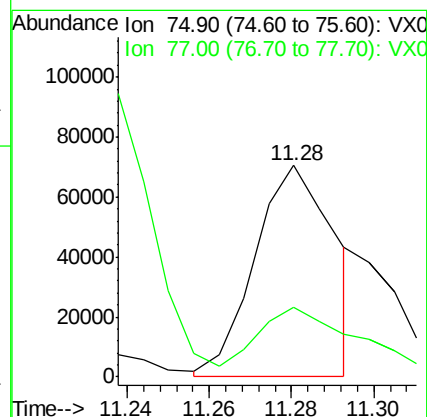
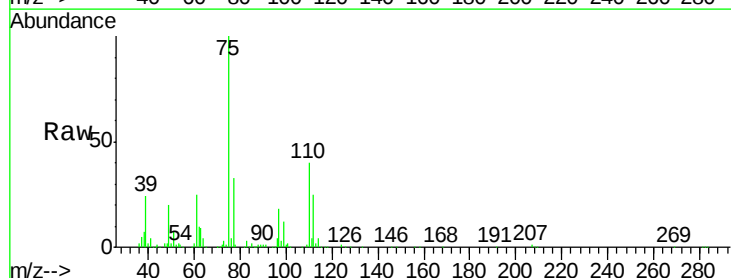
Acq: 08 May 2020 12:30

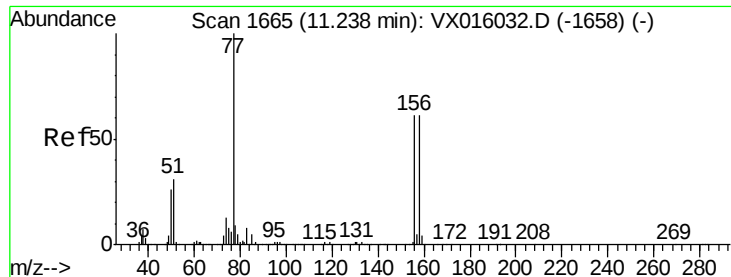
Tgt Ion: 75 Resp: 95614

Ion Ratio Lower Upper

75 100

77 42.0 21.2 63.6





#77

Bromobenzene

Concen: 18.512 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

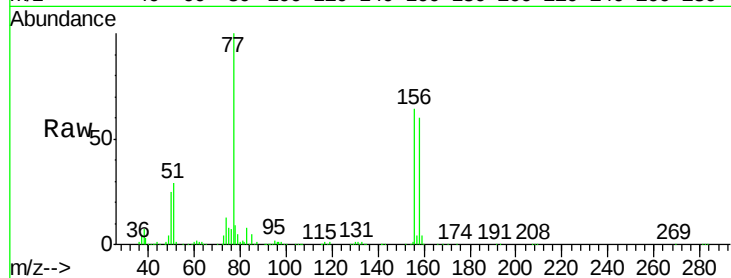
Tot Ion:156 Resp: 75468

Ion Ratio Lower Upper

156 100

77 160.1 80.1 240.3

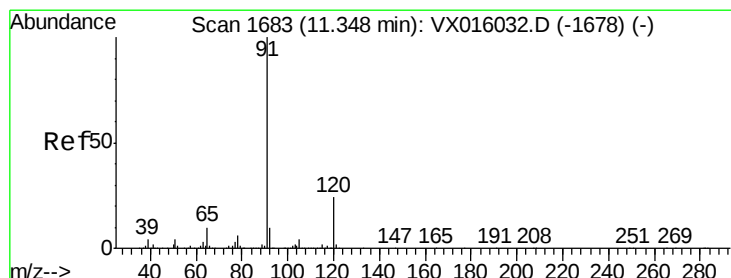
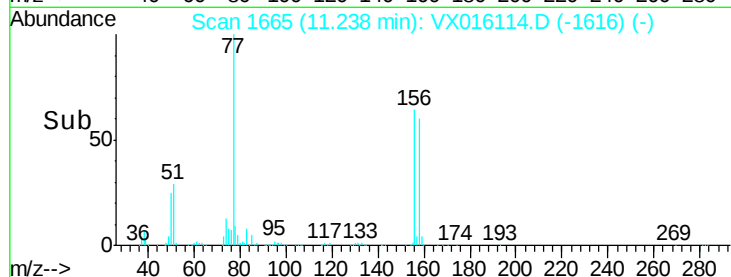
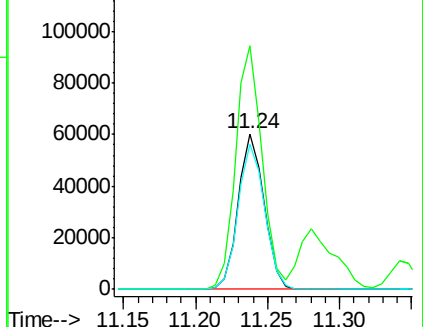
158 95.9 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.694 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016114.D

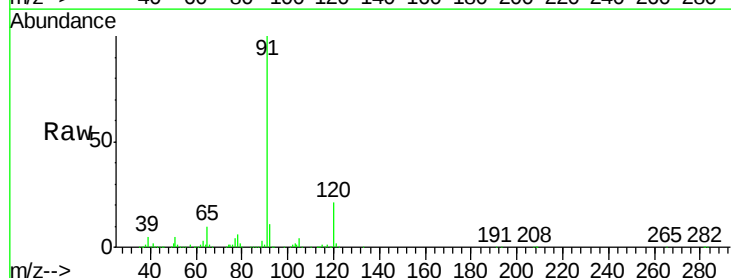
Acq: 08 May 2020 12:30

Tgt Ion: 91 Resp: 343482

Ion Ratio Lower Upper

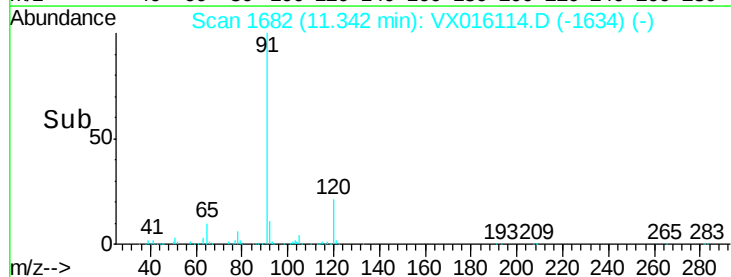
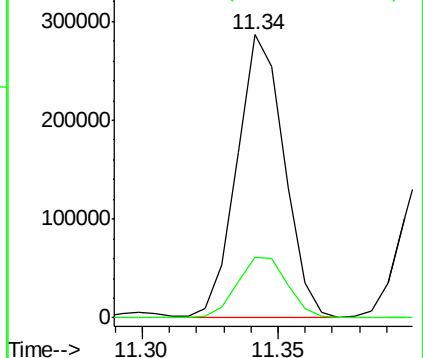
91 100

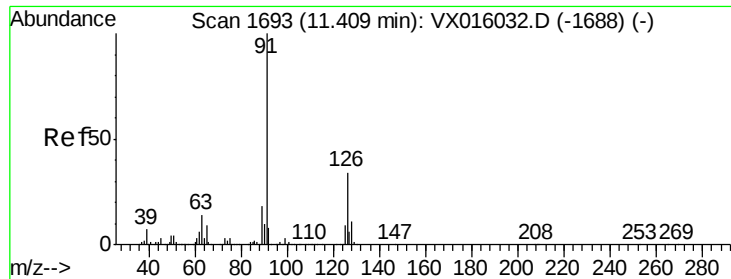
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.654 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

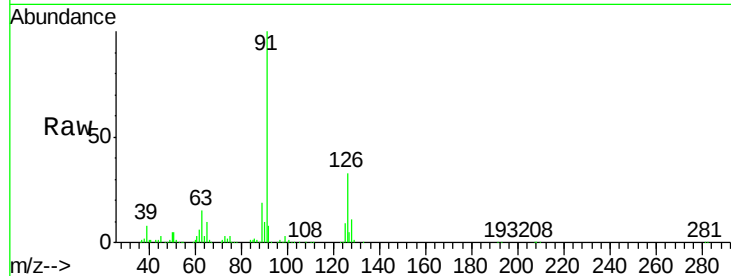
VX0508WBSD01

Tot Ion: 91 Resp: 202310

Ion Ratio Lower Upper

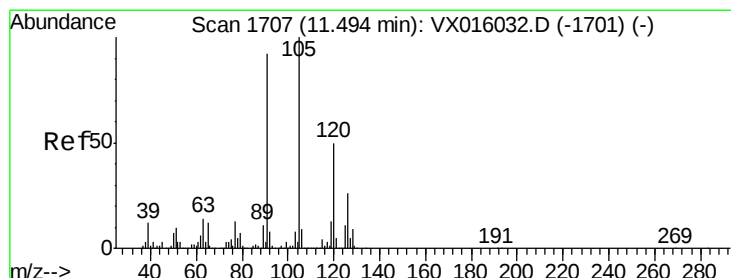
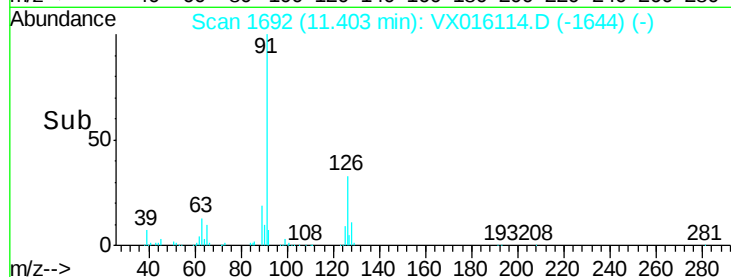
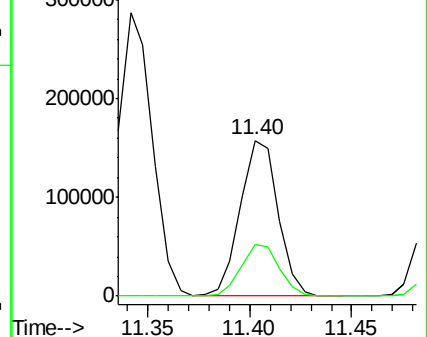
91 100

126 33.6 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.763 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016114.D

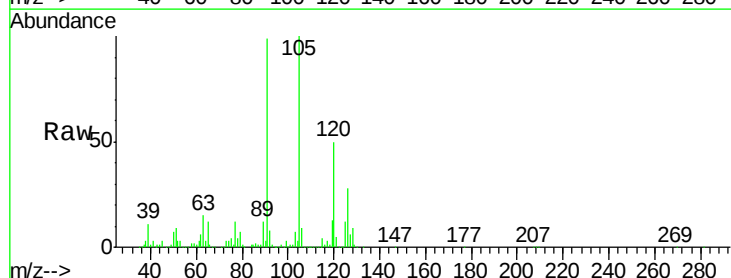
Acq: 08 May 2020 12:30

Tgt Ion:105 Resp: 250212

Ion Ratio Lower Upper

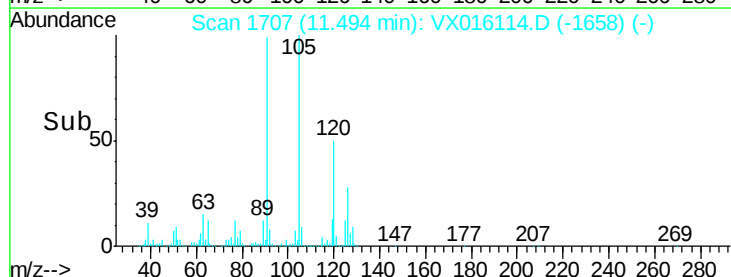
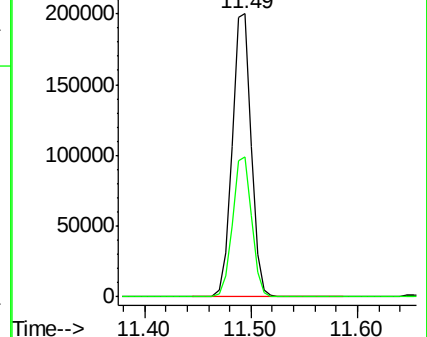
105 100

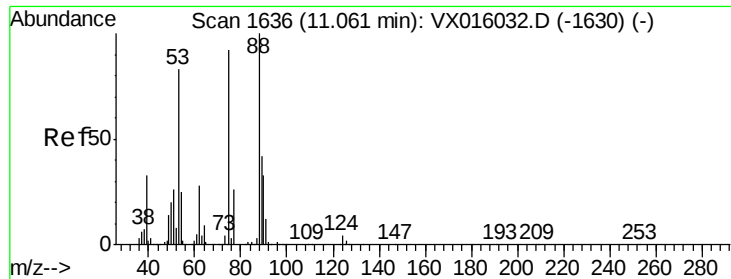
120 49.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.190 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

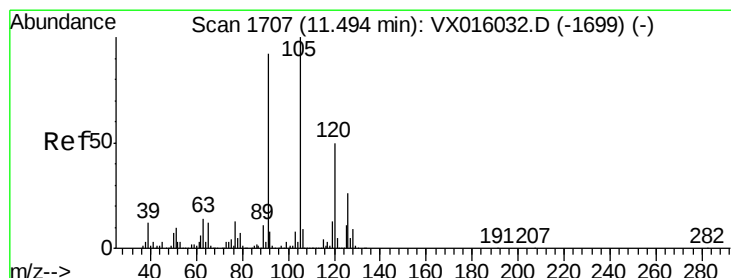
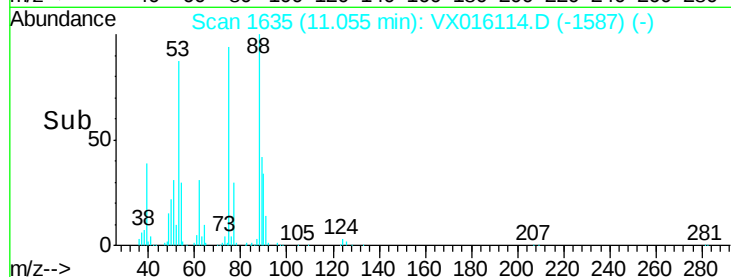
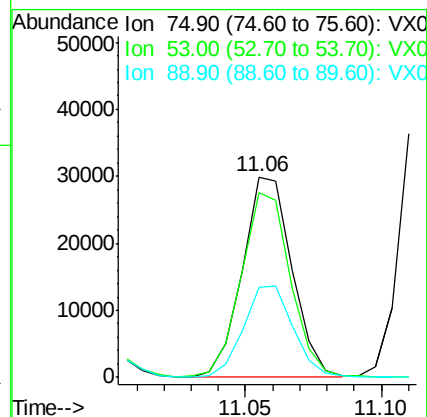
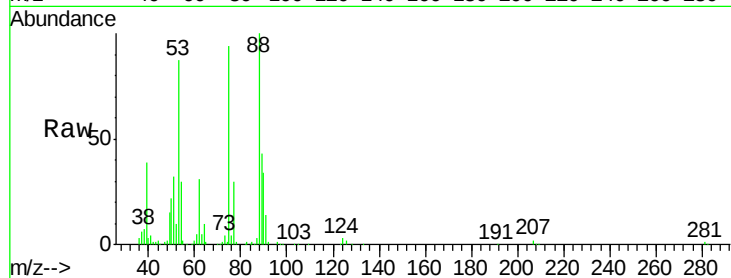
Tot Ion: 75 Resp: 37612

Ion Ratio Lower Upper

75 100

53 92.7 73.1 109.7

89 46.2 36.7 55.1



#82

4-Chlorotoluene

Concen: 18.707 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016114.D

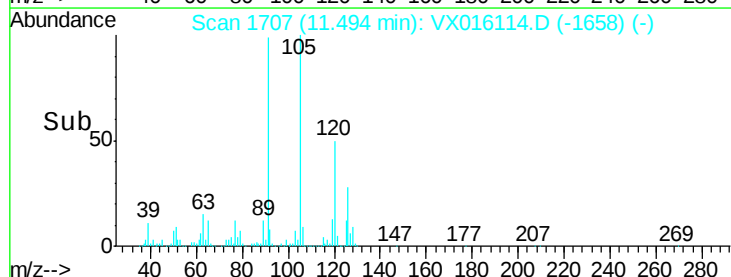
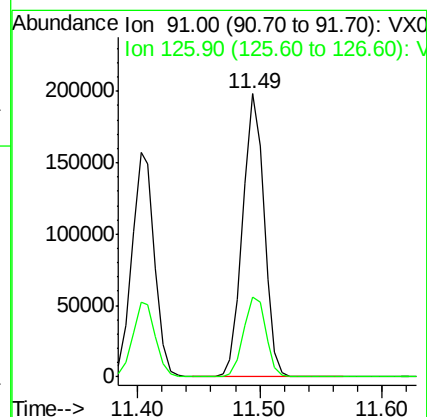
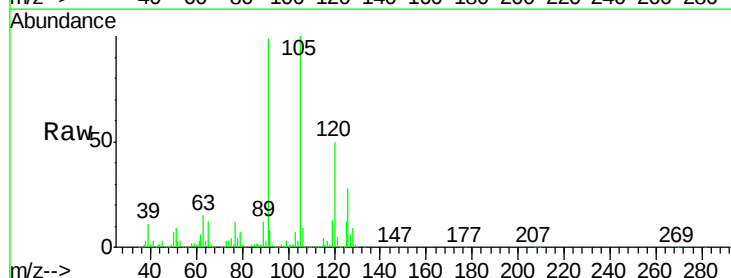
Acq: 08 May 2020 12:30

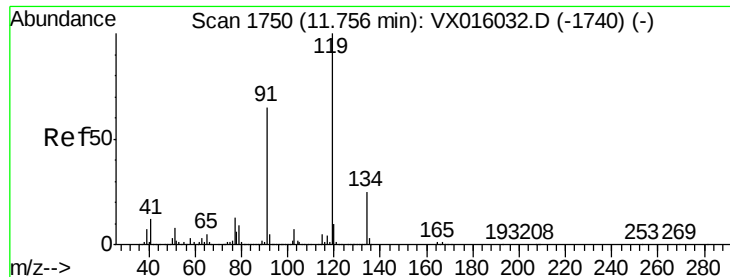
Tgt Ion: 91 Resp: 239581

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.3

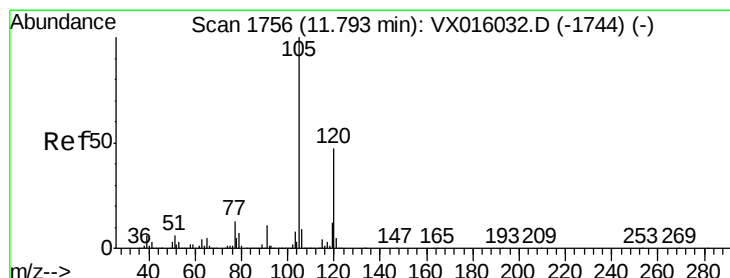
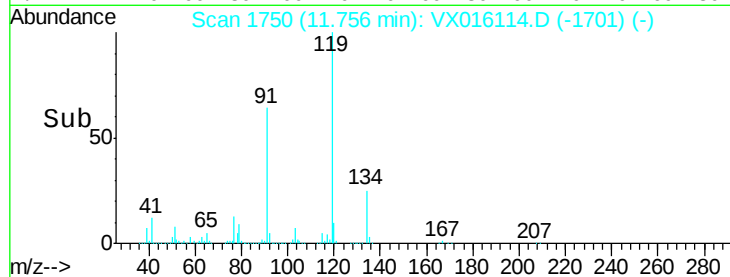
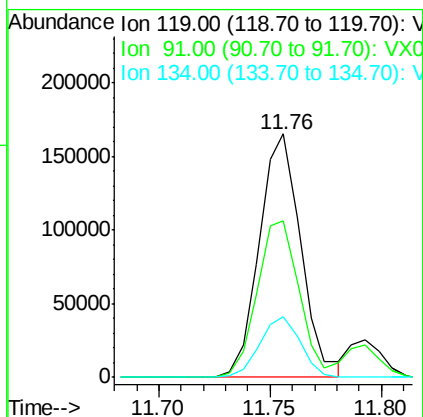
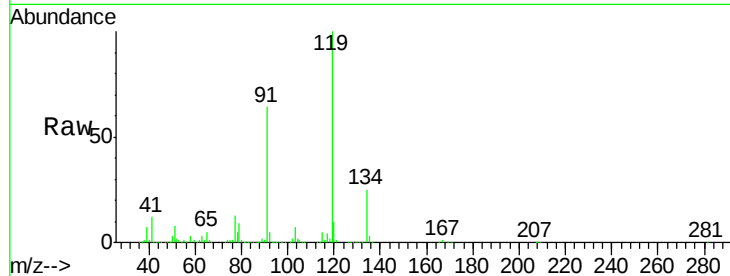




#83
 tert-Butylbenzene
 Concen: 18.662 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

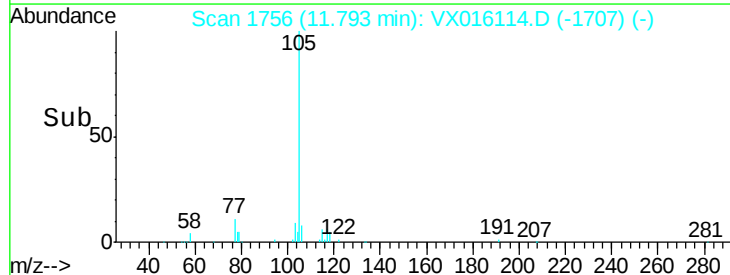
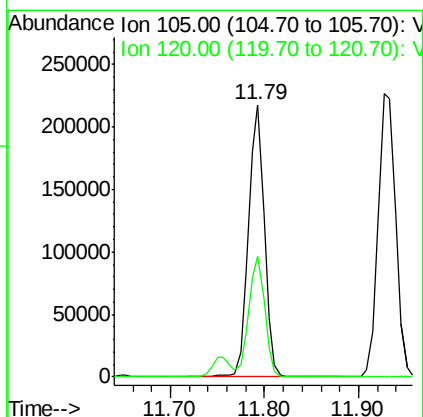
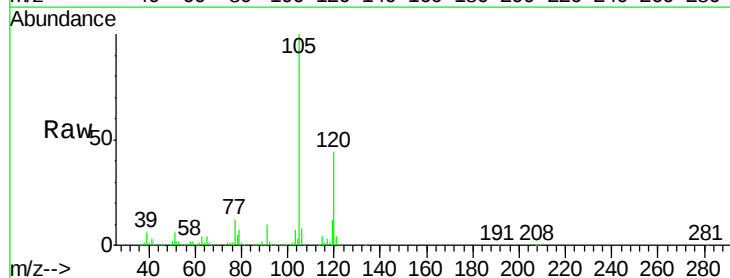
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

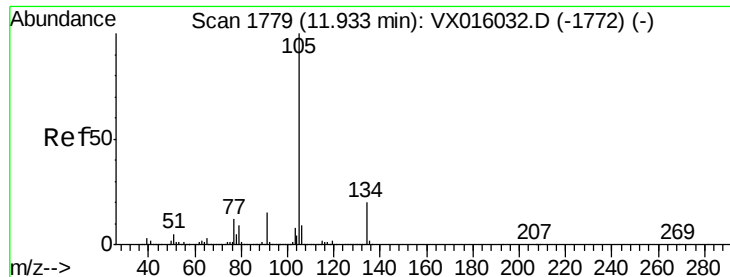
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.9	32.8	98.4
134	24.5	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.053 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	23.0	69.0





#85

sec-Butylbenzene

Concen: 18.790 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleID :

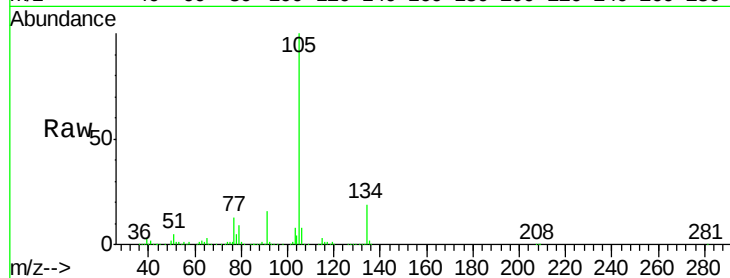
VX0508WBSD01

Tot Ion:105 Resp: 291563

Ion Ratio Lower Upper

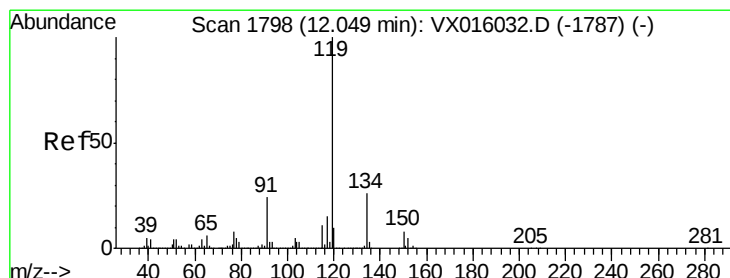
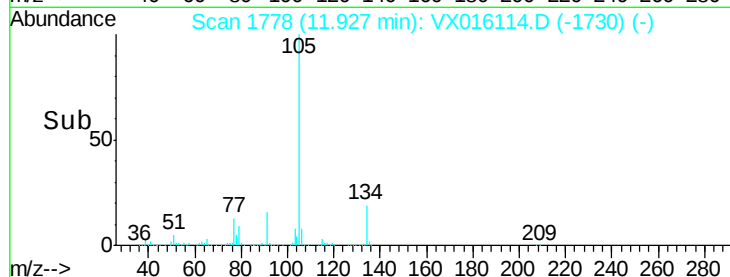
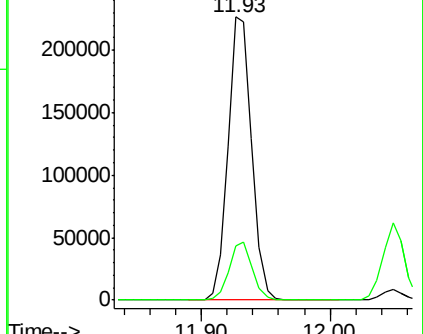
105 100

134 20.0 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.676 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

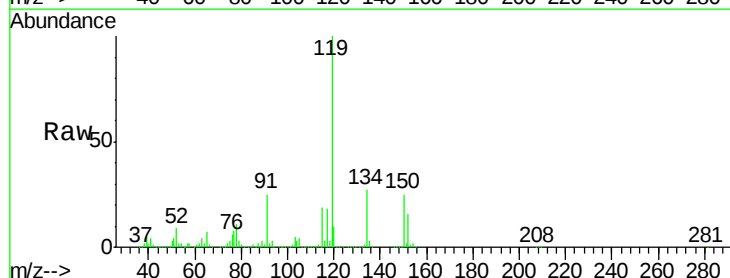
Tgt Ion:119 Resp: 269052

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

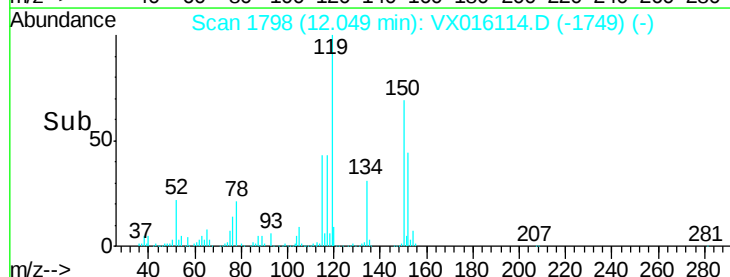
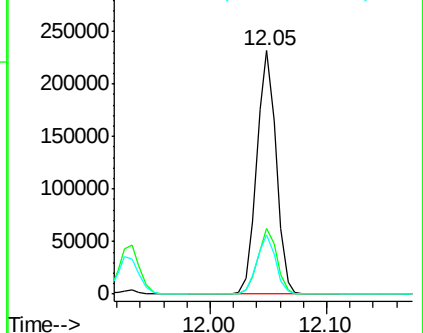
91 23.9 11.8 35.4

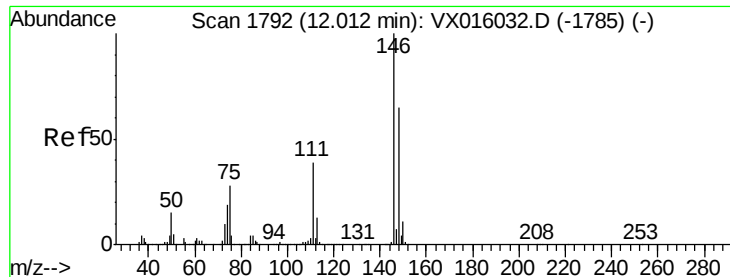


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.319 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

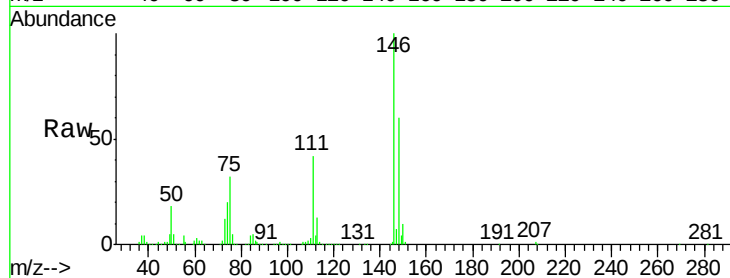
Tot Ion:146 Resp: 134094

Ion Ratio Lower Upper

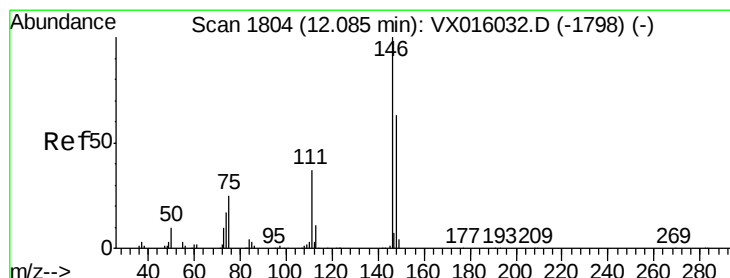
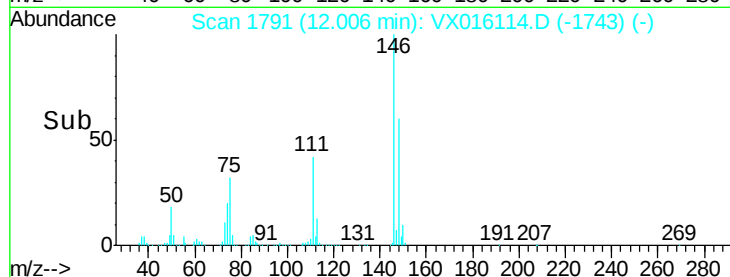
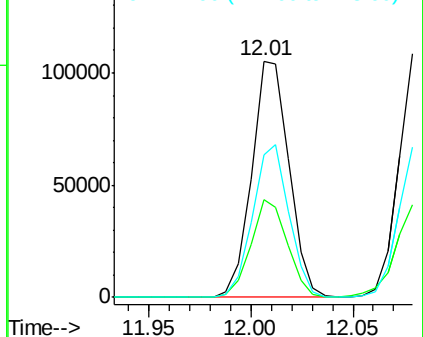
146 100

111 40.7 20.2 60.6

148 63.2 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 18.357 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

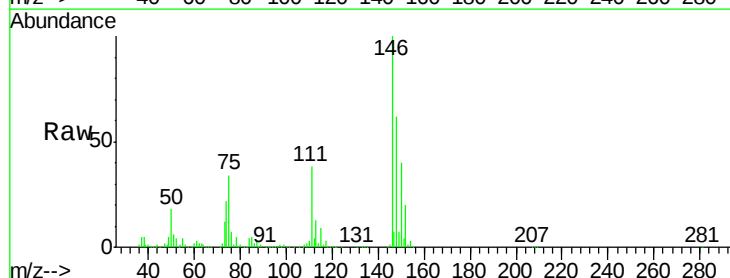
Tgt Ion:146 Resp: 136383

Ion Ratio Lower Upper

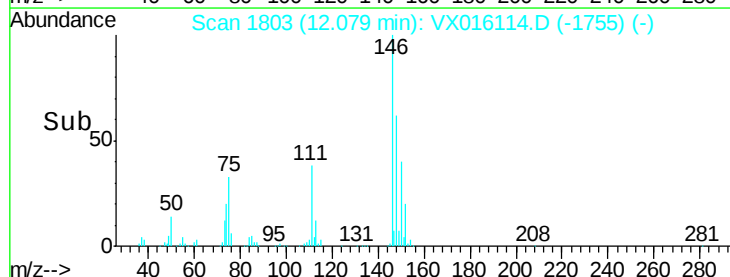
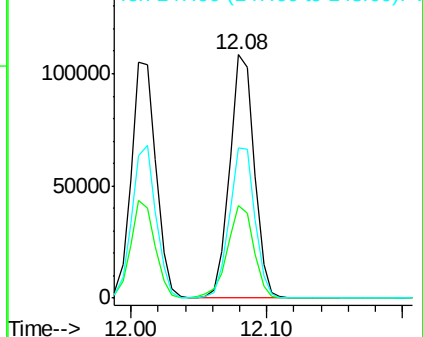
146 100

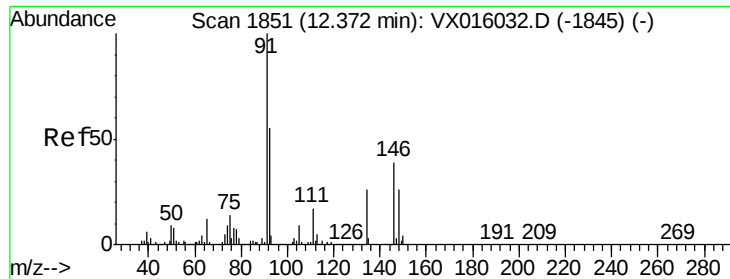
111 40.5 19.6 58.7

148 63.9 31.8 95.3



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





#89

n-Butylbenzene

Concen: 18.191 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

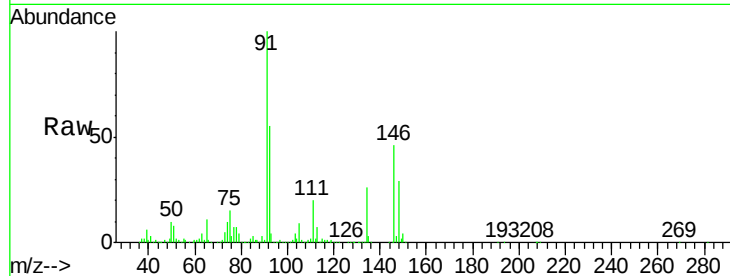
Tot Ion: 91 Resp: 239408

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.7

134 26.6 13.4 40.1

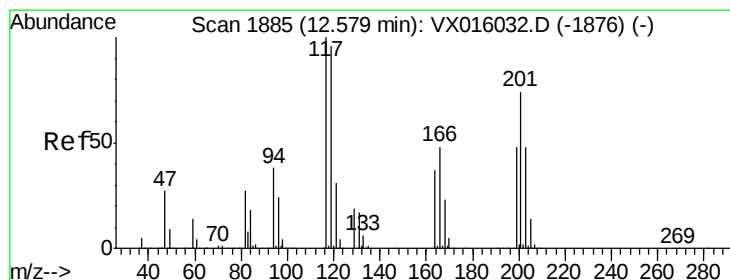
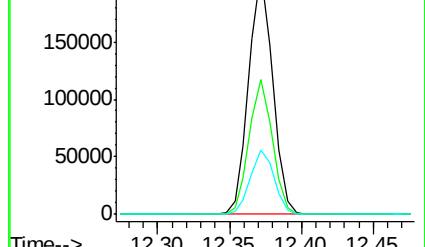
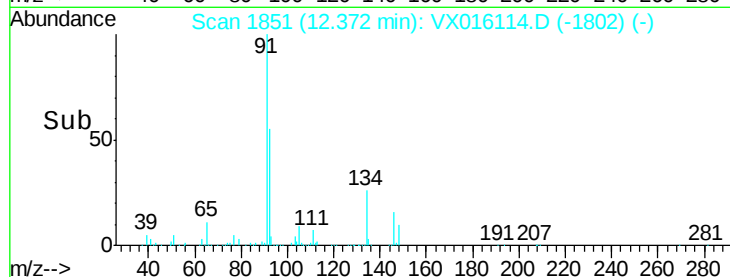


Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016032.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016032.D (-1845) (-)

12.37



#90

Hexachloroethane

Concen: 18.062 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016114.D

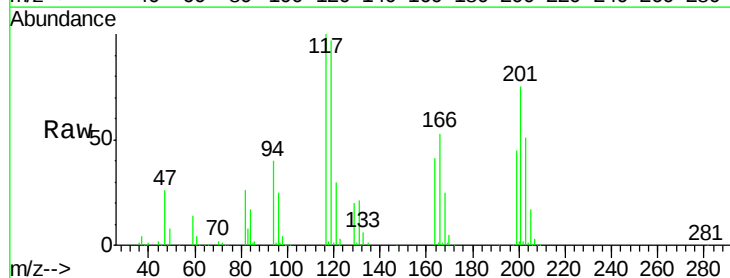
Acq: 08 May 2020 12:30

Tgt Ion: 117 Resp: 44687

Ion Ratio Lower Upper

117 100

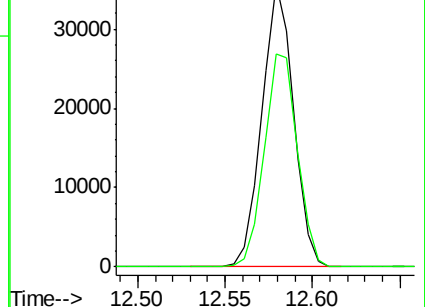
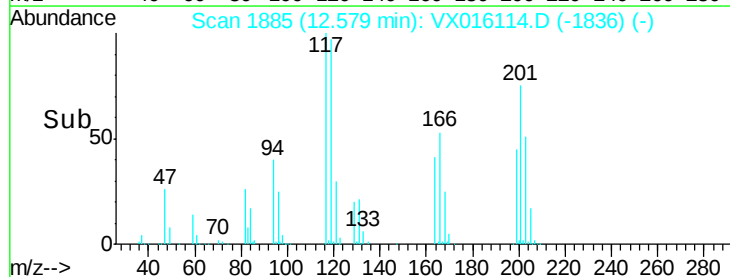
201 79.1 39.8 119.3

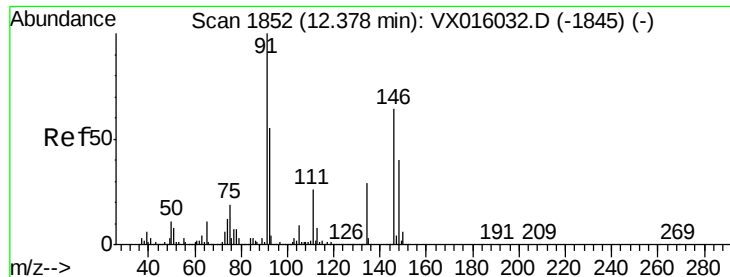


Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016032.D (-1876) (-)

12.58





#91

1,2-Dichlorobenzene

Concen: 18.716 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

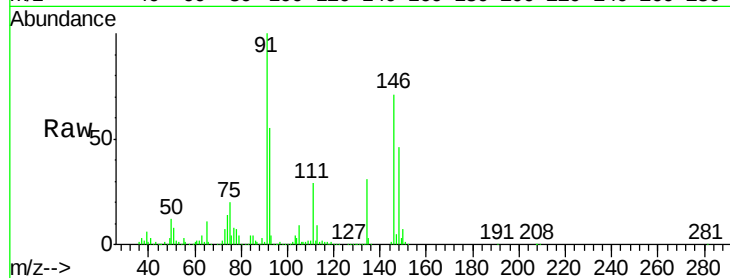
Tot Ion:146 Resp: 131915

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.1

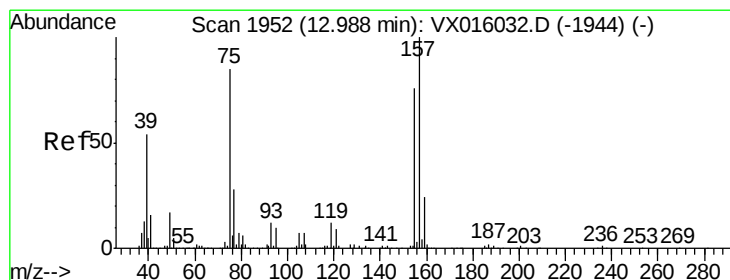
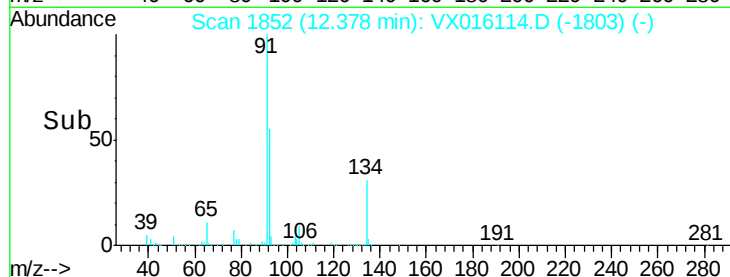
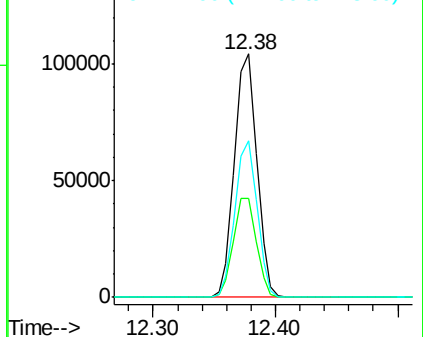
148 63.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.191 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

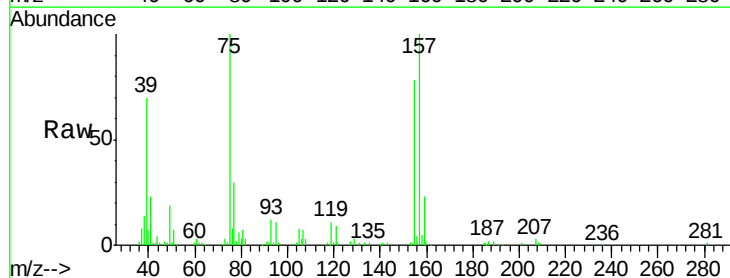
Tgt Ion: 75 Resp: 22325

Ion Ratio Lower Upper

75 100

155 85.5 42.5 127.5

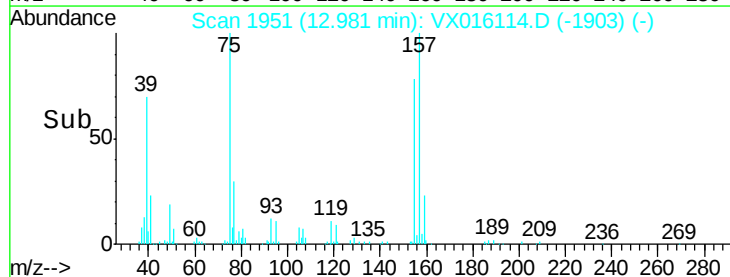
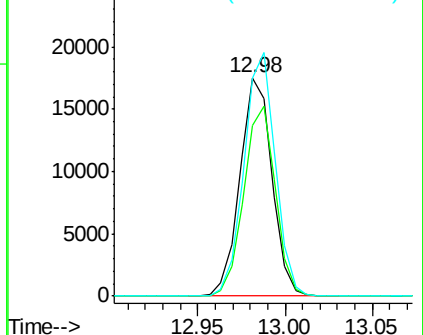
157 108.6 55.3 165.8

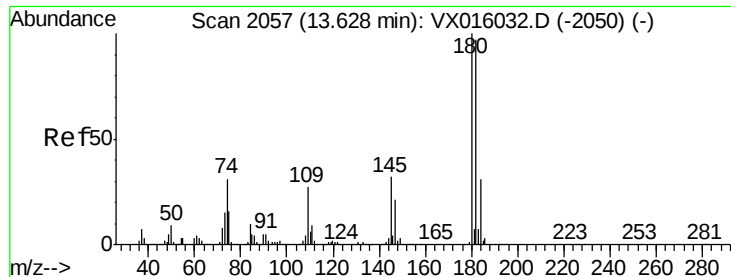


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

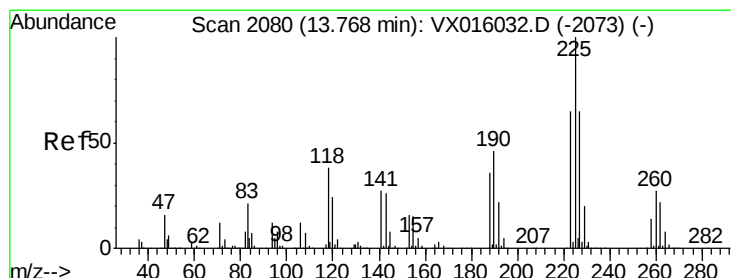
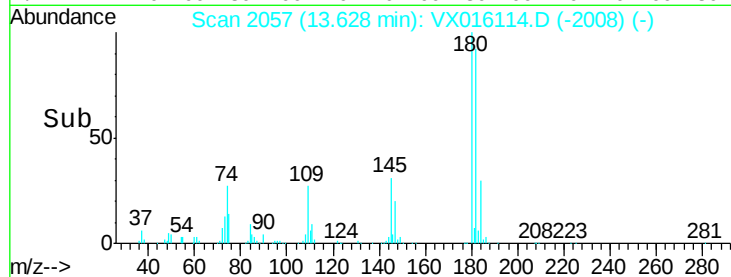
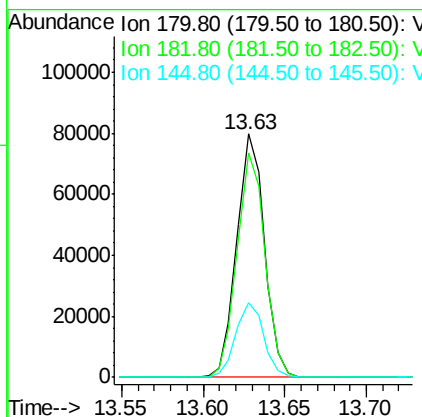
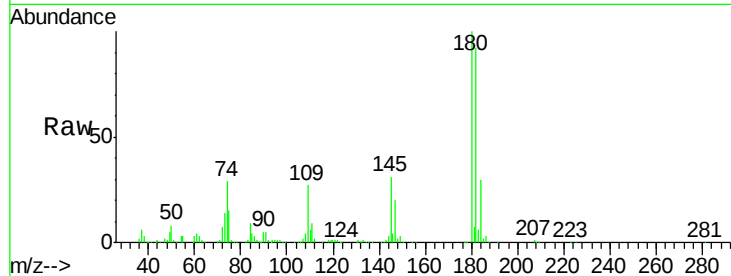




#93
 1,2,4-Trichlorobenzene
 Concen: 18.111 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

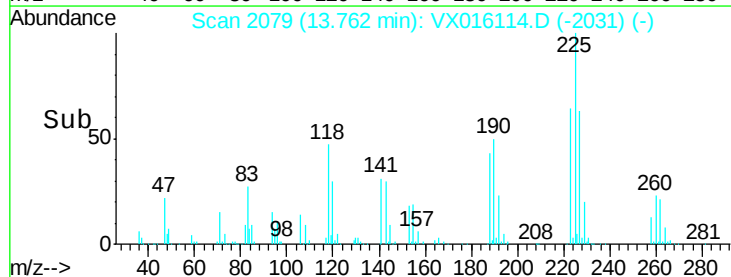
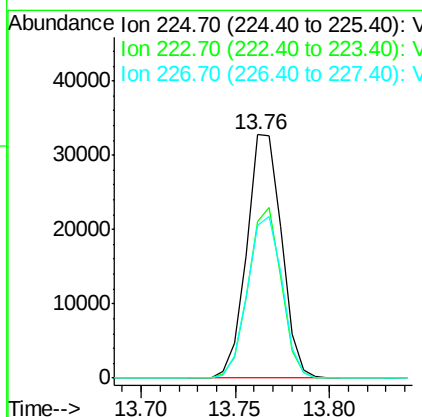
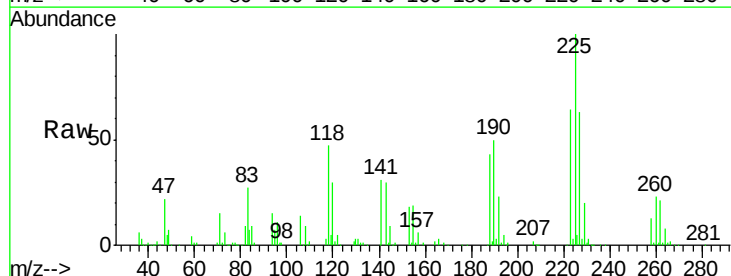
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

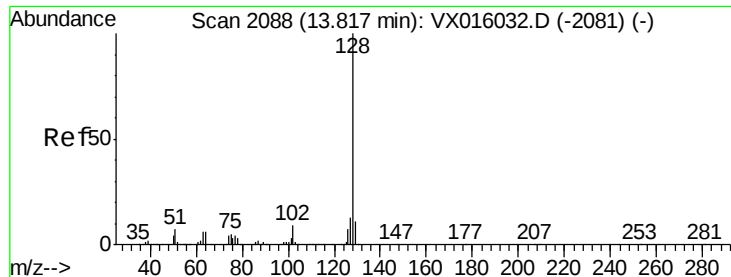
Tot Ion:180 Resp: 94507
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.7 146.1
 145 30.9 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 19.058 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016114.D
 Acq: 08 May 2020 12:30

Tgt Ion:225 Resp: 42087
 Ion Ratio Lower Upper
 225 100
 223 66.5 32.3 96.9
 227 66.2 31.8 95.4





#95

Naphthalene

Concen: 18.198 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Instrument :

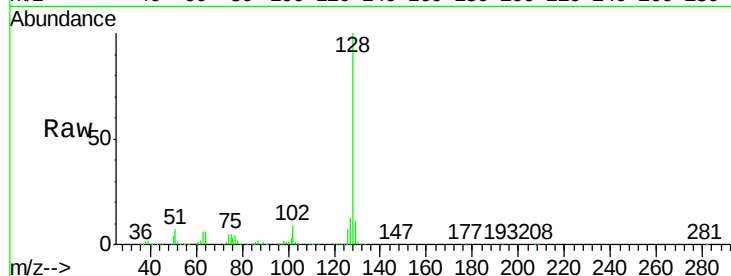
MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:128 Resp: 307480

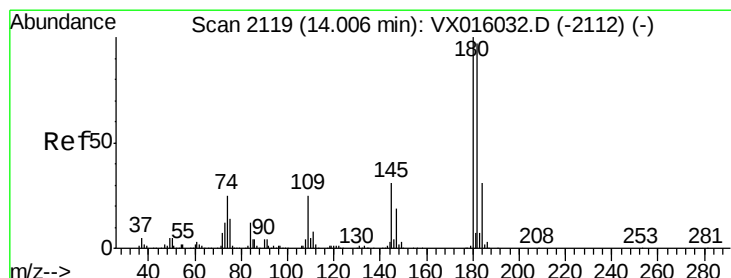
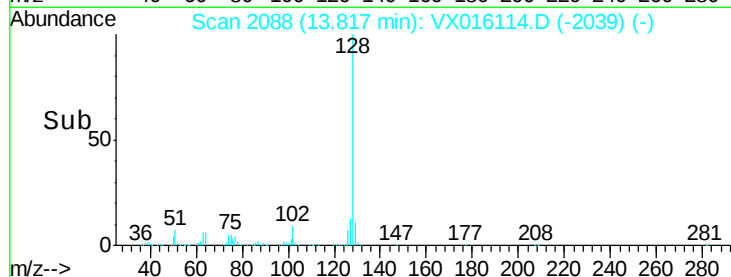
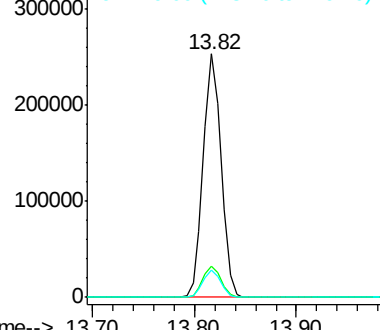
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.469 ug/l

RT: 14.00 min Scan# 2118

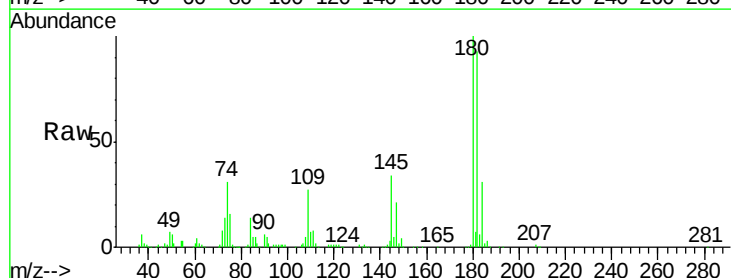
Delta R.T. -0.01 min

Lab File: VX016114.D

Acq: 08 May 2020 12:30

Tgt Ion:180 Resp: 94186

Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.4	145.0
145	32.7	16.4	49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

