

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017388.D
 Acq On : 16 Jul 2020 14:11
 Operator : JC/SP
 Sample : VX0716WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Quant Time: Jul 17 00:58:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	299037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	468945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242307	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	197904	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
35) Dibromofluoromethane	5.46	113	164061	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	8.70	98	597407	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.12	95	223048	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	57499	22.724	ug/l	96
3) Chloromethane	1.31	50	64887	22.778	ug/l	97
4) Vinyl Chloride	1.39	62	63991	22.707	ug/l	96
5) Bromomethane	1.63	94	43400	23.657	ug/l	99
6) Chloroethane	1.72	64	39817	22.384	ug/l	99
7) Trichlorofluoromethane	1.92	101	98149	20.634	ug/l	96
8) Diethyl Ether	2.17	74	36199	21.530	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60909	22.479	ug/l	97
10) Methyl Iodide	2.49	142	64518	19.487	ug/l	99
11) Tert butyl alcohol	3.01	59	67115	106.138	ug/l	97
12) 1,1-Dichloroethene	2.36	96	59681	21.931	ug/l	95
13) Acrolein	2.27	56	29820	86.027	ug/l	99
14) Allyl chloride	2.71	41	104812	22.228	ug/l	96
15) Acrylonitrile	3.12	53	172517	112.543	ug/l	99
16) Acetone	2.42	43	145686	108.805	ug/l	100
17) Carbon Disulfide	2.55	76	177129	22.312	ug/l	99
18) Methyl Acetate	2.75	43	76106	23.013	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	193816	20.975	ug/l	98
20) Methylene Chloride	2.84	84	72303	22.132	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	67409	21.650	ug/l	95
22) Diisopropyl ether	3.82	45	213266	23.743	ug/l	98
23) Vinyl Acetate	3.79	43	903723	114.403	ug/l	99
24) 1,1-Dichloroethane	3.67	63	118507	22.450	ug/l	100
25) 2-Butanone	4.64	43	235703	110.831	ug/l	99
26) 2,2-Dichloropropane	4.55	77	101944	20.751	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	69924	20.479	ug/l	95
28) Bromochloromethane	4.98	49	58971	24.183	ug/l	92
29) Tetrahydrofuran	5.09	42	151314	109.916	ug/l	98
30) Chloroform	5.18	83	121475	21.389	ug/l	99
31) Cyclohexane	5.56	56	93669	21.675	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	110028	20.956	ug/l	98
36) 1,1-Dichloropropene	5.77	75	87476	20.280	ug/l	99
37) Ethyl Acetate	4.79	43	91492	20.510	ug/l	99
38) Carbon Tetrachloride	5.76	117	98041	19.413	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	92333	19.712	ug/l	97
40) Benzene	6.11	78	262546	21.179	ug/l	99
41) Methacrylonitrile	5.01	41	48391	20.207	ug/l	98
42) 1,2-Dichloroethane	6.16	62	97386	20.220	ug/l	98
43) Isopropyl Acetate	6.42	43	146656	20.575	ug/l	99
44) Trichloroethene	7.19	130	75258	19.875	ug/l	97
45) 1,2-Dichloropropane	7.49	63	69029	21.763	ug/l	100
46) Dibromomethane	7.64	93	48130	21.039	ug/l	96
47) Bromodichloromethane	7.87	83	97359	20.357	ug/l	98
48) Methyl methacrylate	7.74	41	71708	20.964	ug/l	97
49) 1,4-Dioxane	7.71	88	29030	414.722	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	474567	109.189	ug/l	98
52) Toluene	8.76	92	165863	20.850	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	103012	19.993	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	112646	20.498	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	69326	20.899	ug/l	96
56) Ethyl methacrylate	9.16	69	91826	19.498	ug/l	100
57) 1,3-Dichloropropane	9.35	76	115078	20.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	257622	107.735	ug/l	97
59) 2-Hexanone	9.47	43	350054	106.712	ug/l	96
60) Dibromochloromethane	9.57	129	77238	19.060	ug/l	99
61) 1,2-Dibromoethane	9.65	107	73418	20.345	ug/l	99
64) Tetrachloroethene	9.32	164	74406	19.225	ug/l	93
65) Chlorobenzene	10.12	112	179938	19.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	71684	19.813	ug/l	98
67) Ethyl Benzene	10.23	91	298656	19.742	ug/l	99
68) m/p-Xylenes	10.34	106	229652	39.898	ug/l	99
69) o-Xylene	10.68	106	105371	19.158	ug/l	100
70) Styrene	10.70	104	189441	20.066	ug/l	98
71) Bromoform	10.84	173	57517	18.839	ug/l #	98
73) Isopropylbenzene	11.00	105	290017	19.093	ug/l	99
74) N-amyl acetate	10.88	43	122138	20.094	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	98449	21.347	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	122258	27.305	ug/l	85
77) Bromobenzene	11.24	156	81767	18.900	ug/l	96
78) n-propylbenzene	11.34	91	341601	20.025	ug/l	100
79) 2-Chlorotoluene	11.40	91	207451	19.734	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	251641	19.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	32679	18.515	ug/l	98
82) 4-Chlorotoluene	11.49	91	245671	19.719	ug/l	99
83) tert-Butylbenzene	11.76	119	230168	18.467	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	254711	19.554	ug/l	100
85) sec-Butylbenzene	11.93	105	278984	19.119	ug/l	100
86) p-Isopropyltoluene	12.05	119	263320	19.071	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	150574	19.456	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	151195	19.337	ug/l	99
89) n-Butylbenzene	12.37	91	229011	19.448	ug/l	98
90) Hexachloroethane	12.58	117	52549	20.047	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	141117	19.404	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21864	17.967	ug/l	92

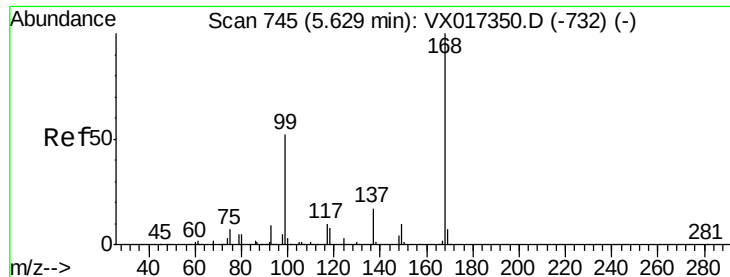
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
Data File : VX017388.D
Acq On : 16 Jul 2020 14:11
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Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	86309	17.096	ug/l	98
94) Hexachlorobutadiene	13.76	225	39517	19.194	ug/l	99
95) Naphthalene	13.82	128	266949	17.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	90341	18.525	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

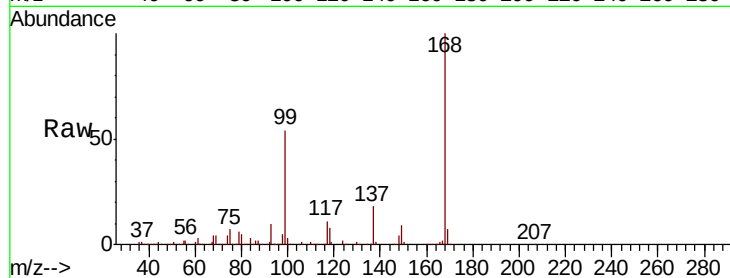
VX0716WBSD01

Tot Ion:168 Resp: 299037

Ion Ratio Lower Upper

168 100

99 53.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

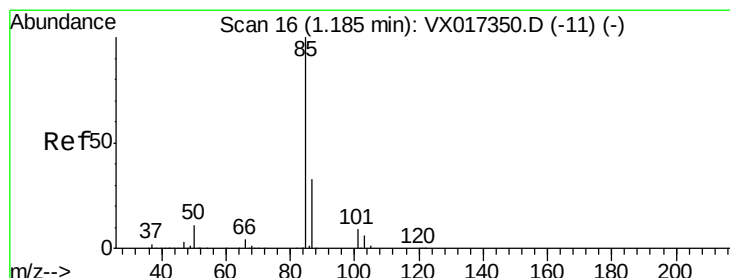
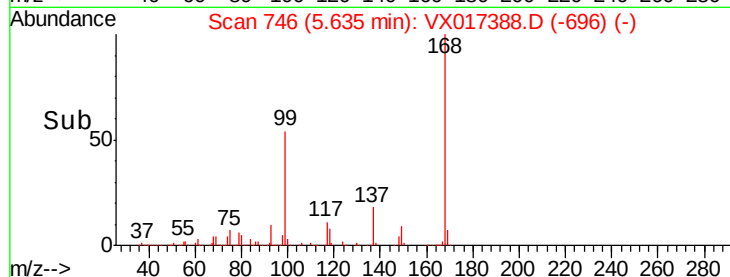
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.724 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017388.D

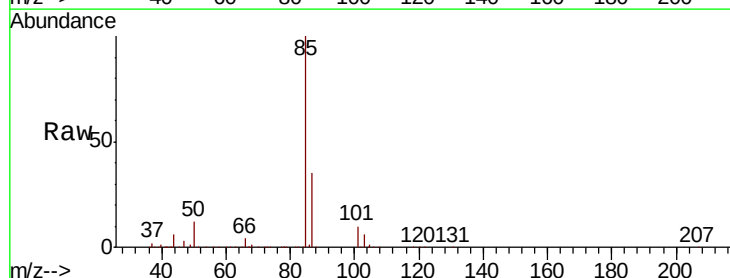
Acq: 16 Jul 2020 14:11

Tgt Ion: 85 Resp: 57499

Ion Ratio Lower Upper

85 100

87 34.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

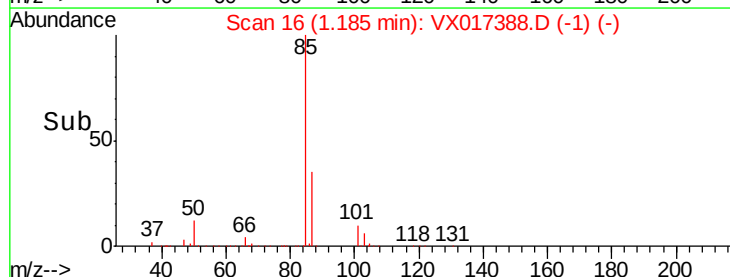
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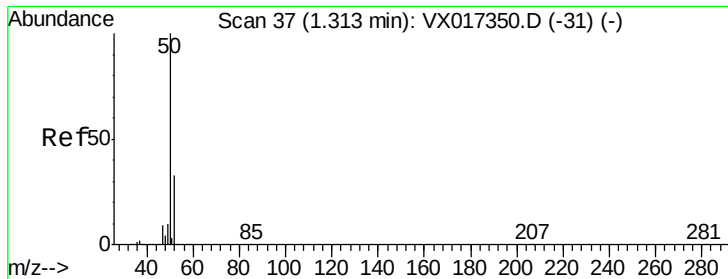
40000

20000

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Time-->





#3

Chloromethane

Concen: 22.778 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

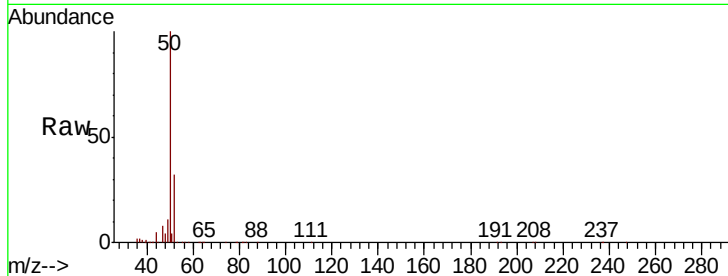
VX0716WBSD01

Tot Ion: 50 Resp: 64887

Ion Ratio Lower Upper

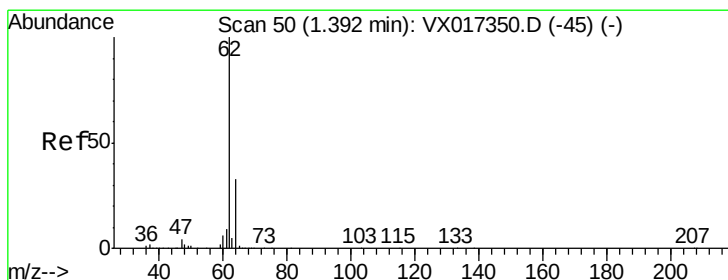
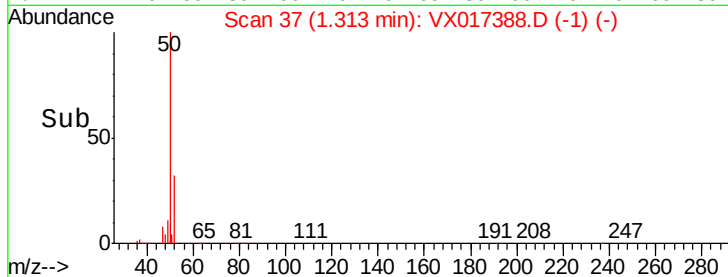
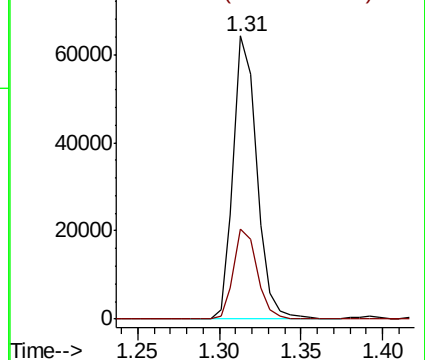
50 100

52 31.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.707 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017388.D

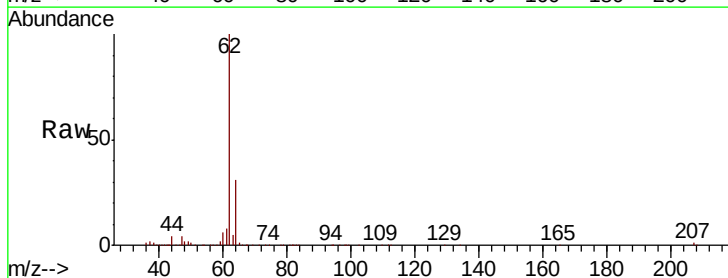
Acq: 16 Jul 2020 14:11

Tgt Ion: 62 Resp: 63991

Ion Ratio Lower Upper

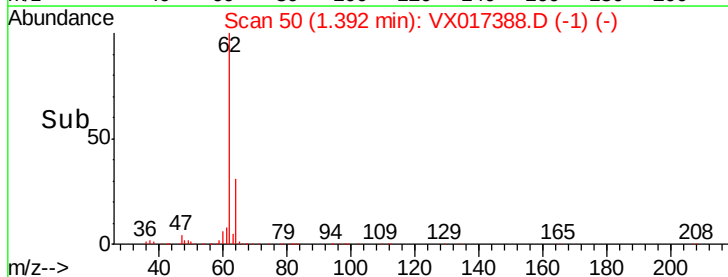
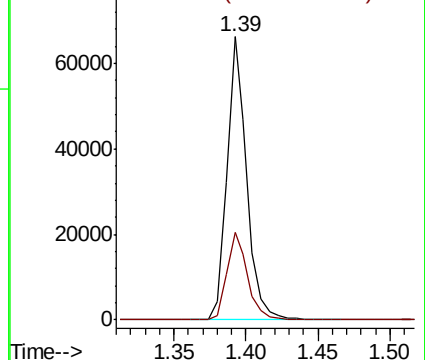
62 100

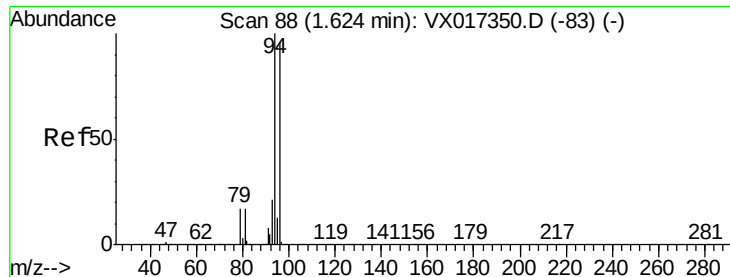
64 30.9 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.657 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

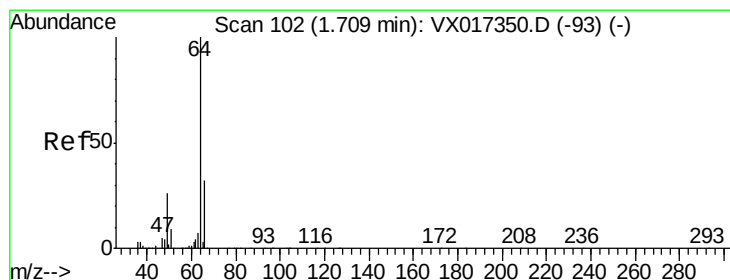
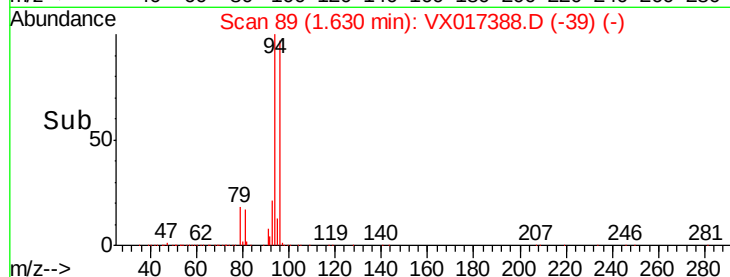
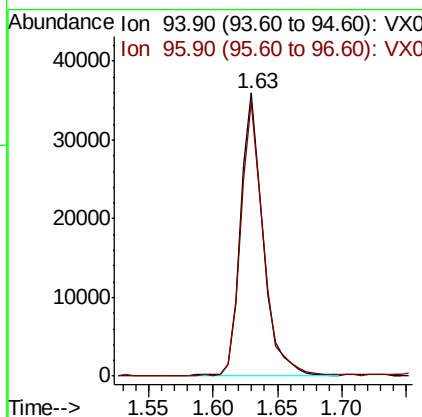
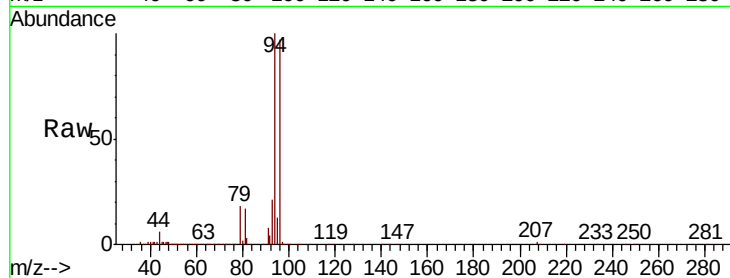
VX0716WBSD01

Tot Ion: 94 Resp: 43400

Ion Ratio Lower Upper

94 100

96 96.7 76.6 115.0



#6

Chloroethane

Concen: 22.384 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017388.D

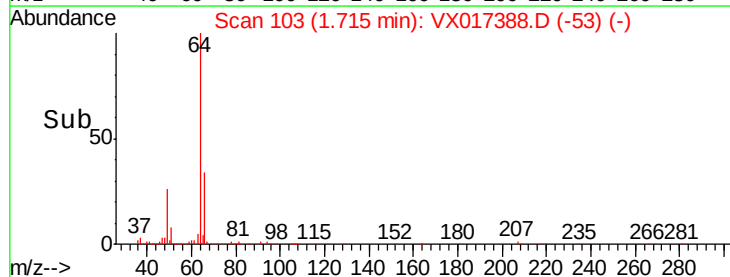
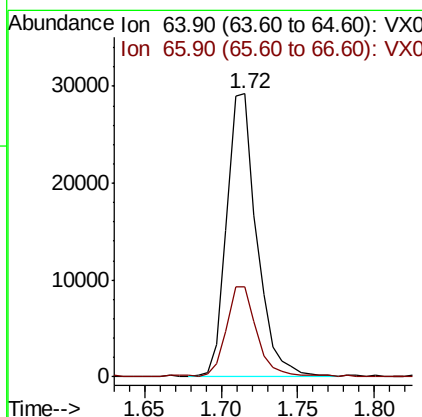
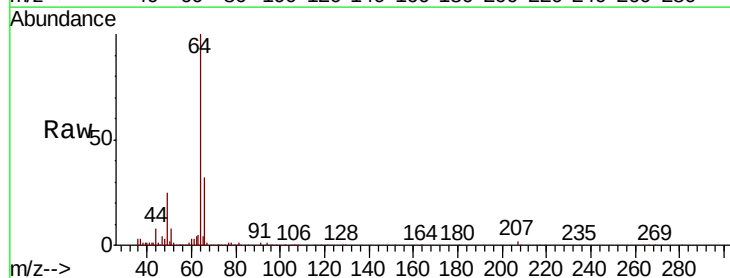
Acq: 16 Jul 2020 14:11

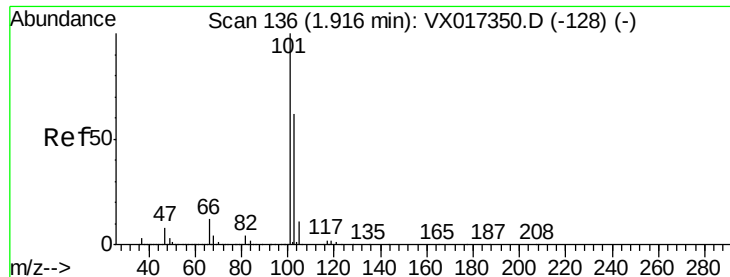
Tgt Ion: 64 Resp: 39817

Ion Ratio Lower Upper

64 100

66 31.6 25.7 38.5



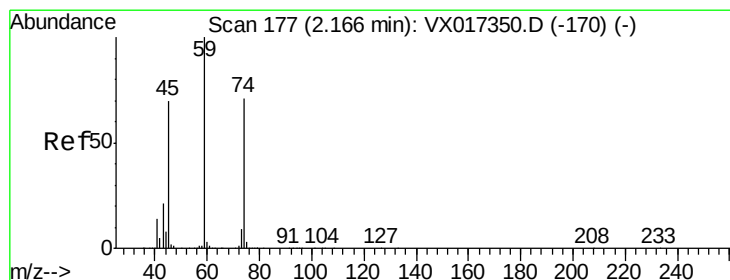
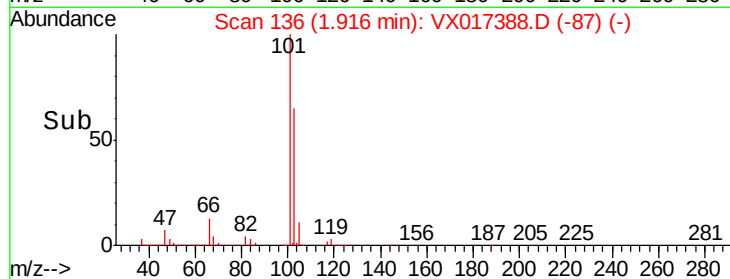
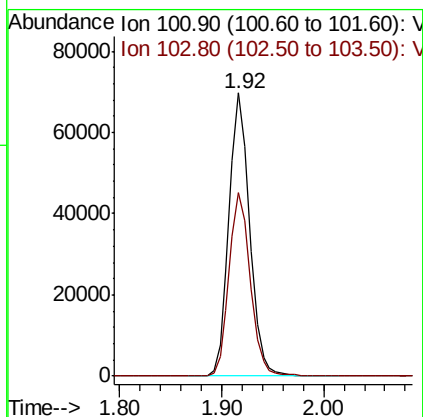
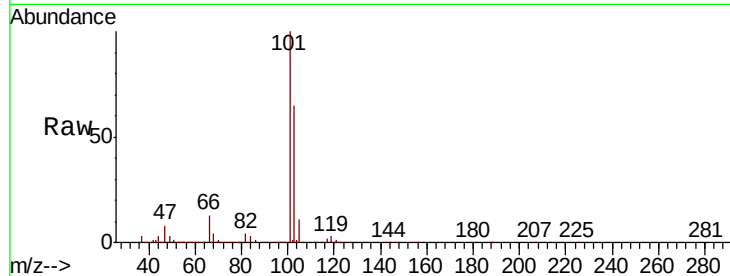


#7

Trichlorofluoromethane
Concen: 20.634 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

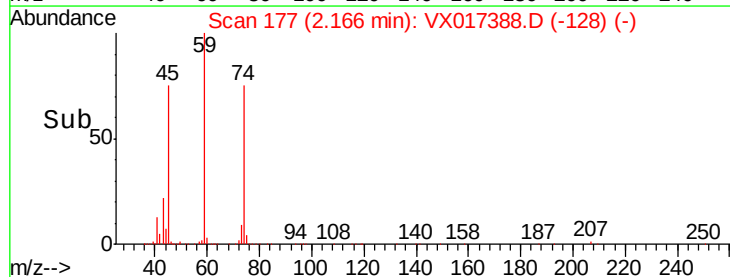
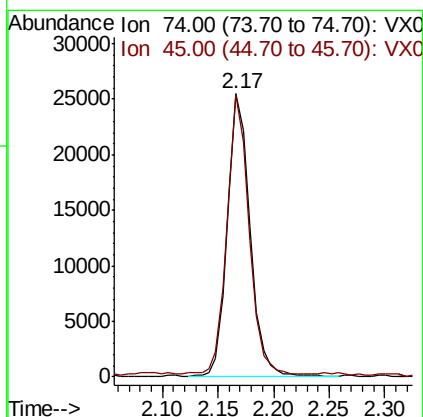
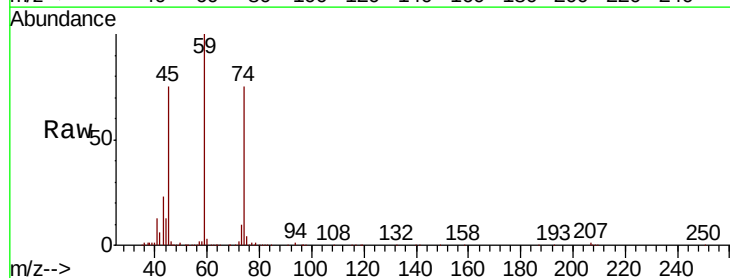
Tot Ion:101 Resp: 98149
Ion Ratio Lower Upper
101 100
103 64.8 49.6 74.4

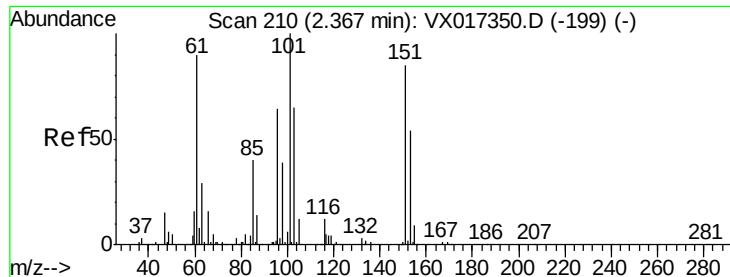


#8

Diethyl Ether
Concen: 21.530 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion: 74 Resp: 36199
Ion Ratio Lower Upper
74 100
45 95.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.479 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

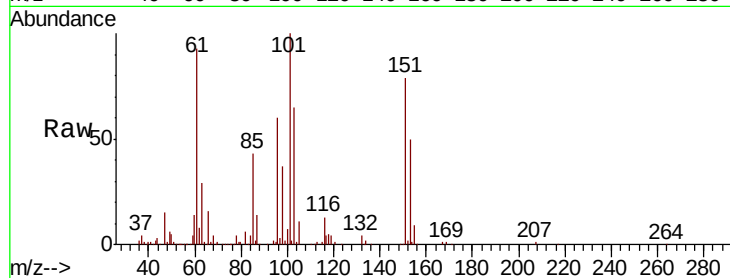
Tot Ion:101 Resp: 60909

Ion Ratio Lower Upper

101 100

85 43.2 33.7 50.5

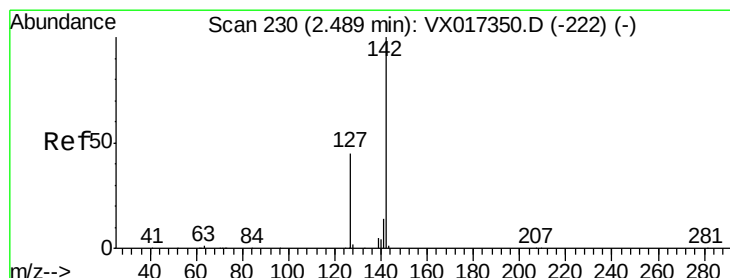
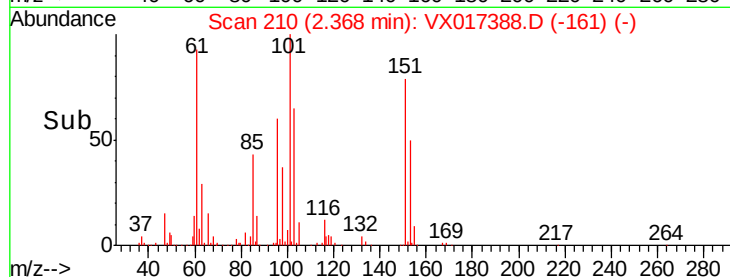
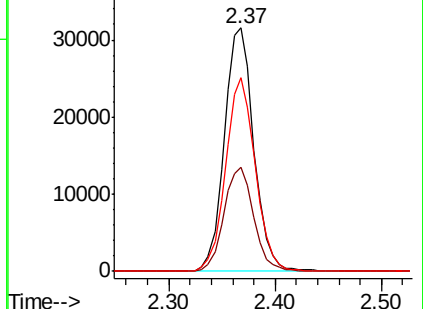
151 80.1 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.487 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

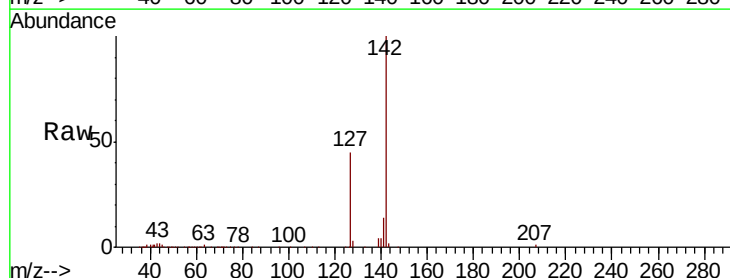
Tgt Ion:142 Resp: 64518

Ion Ratio Lower Upper

142 100

127 45.5 36.8 55.2

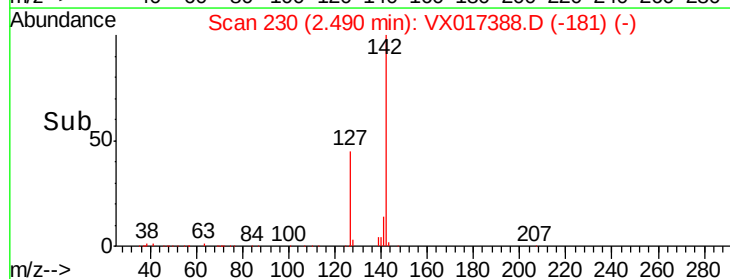
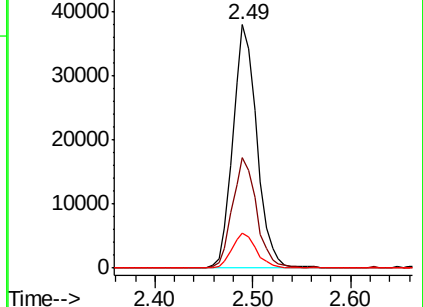
141 14.6 11.4 17.0

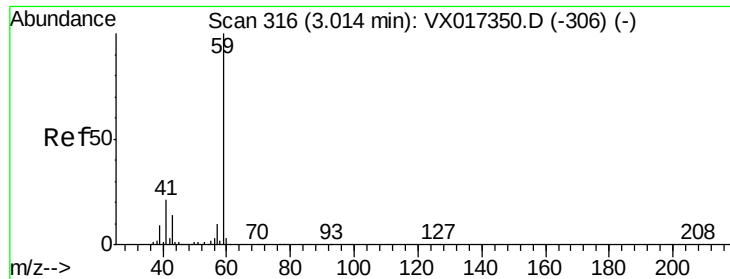


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

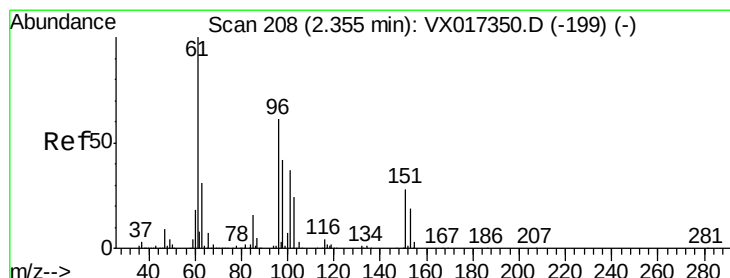
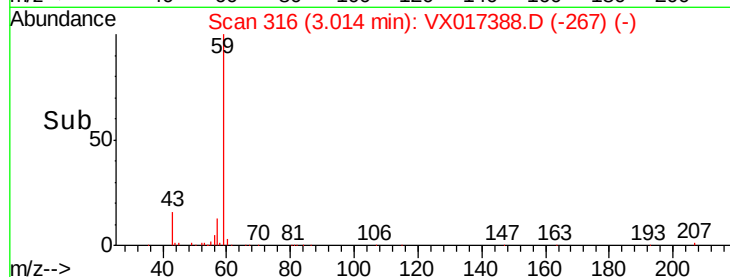
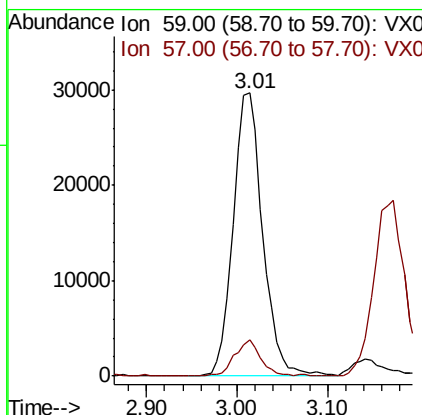
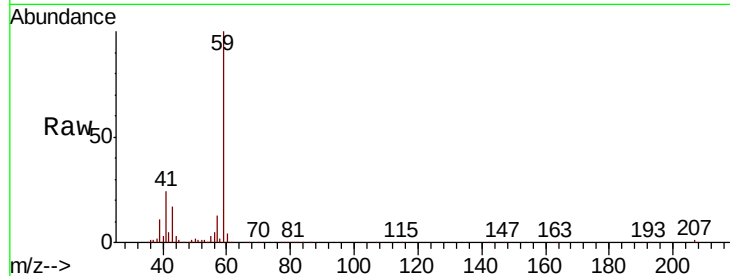




#11
Tert butyl alcohol
Concen: 106.138 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

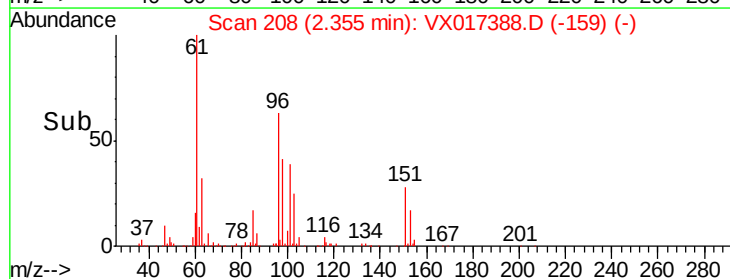
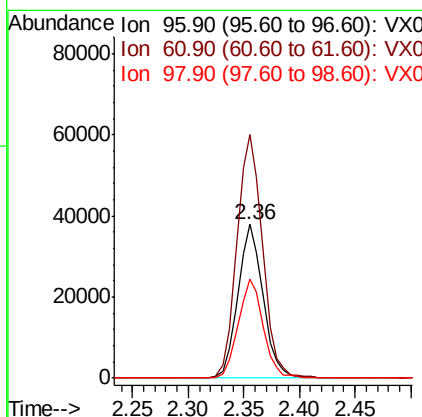
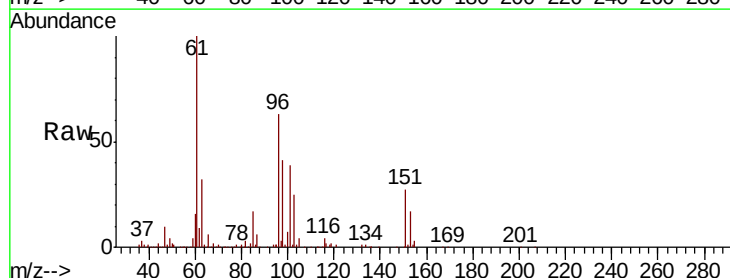
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

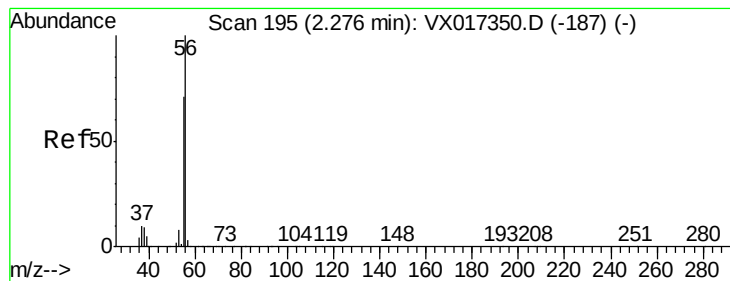
Tot Ion: 59 Resp: 67115
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 21.931 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion: 96 Resp: 59681
Ion Ratio Lower Upper
96 100
61 158.0 131.5 197.3
98 64.1 55.1 82.7





#13

Acrolein

Concen: 86.027 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

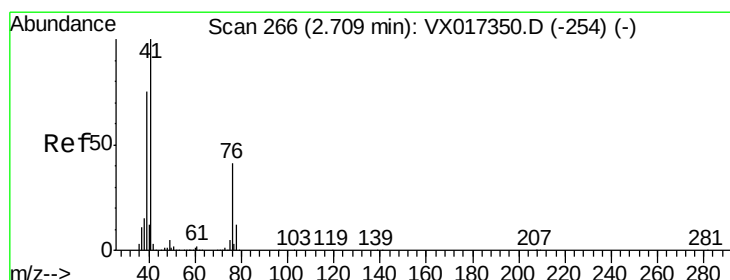
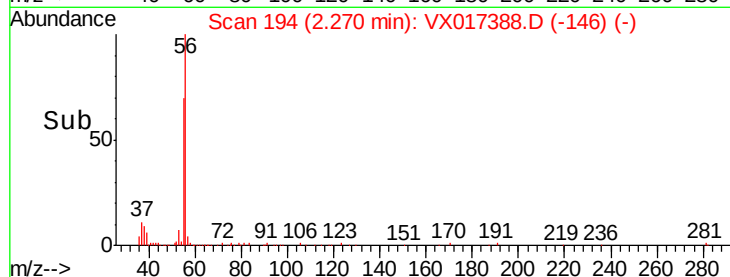
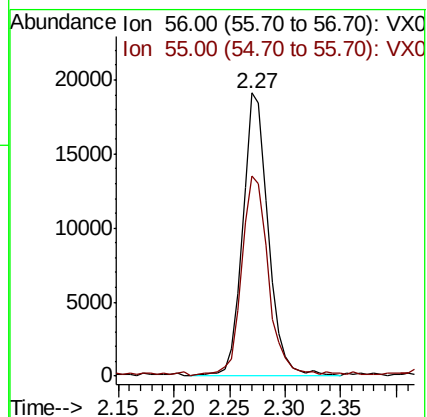
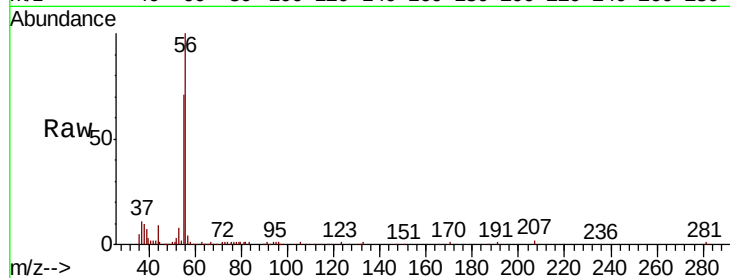
VX0716WBSD01

Tot Ion: 56 Resp: 29820

Ion Ratio Lower Upper

56 100

55 72.3 57.1 85.7



#14

Allyl chloride

Concen: 22.228 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

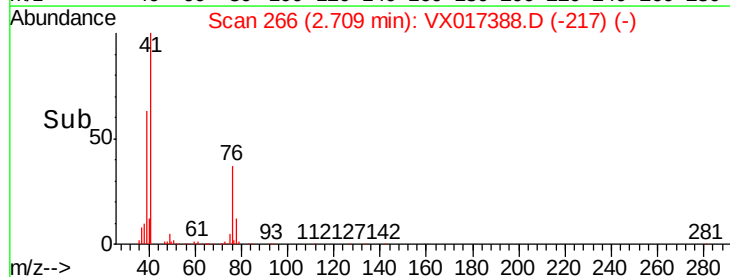
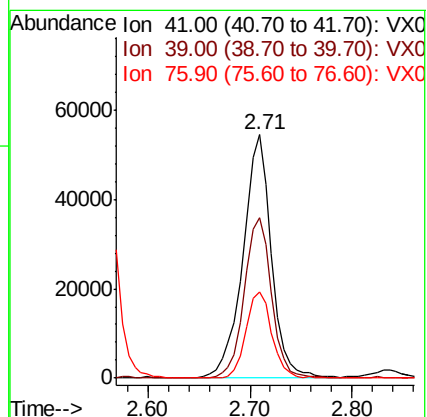
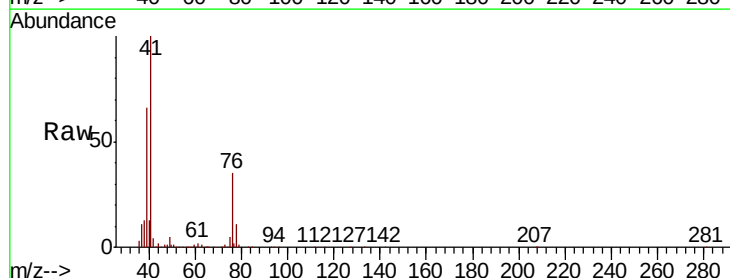
Tgt Ion: 41 Resp: 104812

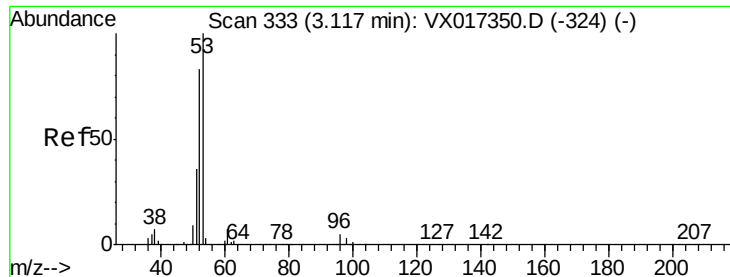
Ion Ratio Lower Upper

41 100

39 62.9 53.0 79.4

76 32.7 28.2 42.2





#15

Acrylonitrile

Concen: 112.543 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

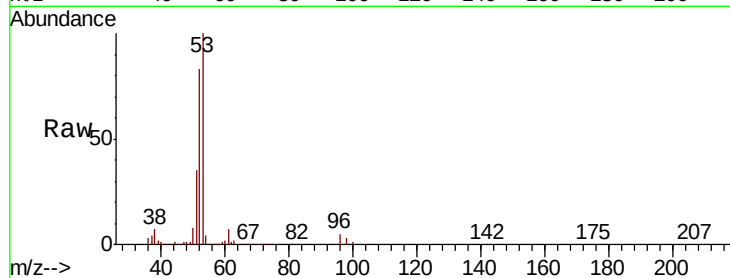
Tot Ion: 53 Resp: 172517

Ion Ratio Lower Upper

53 100

52 83.1 65.8 98.6

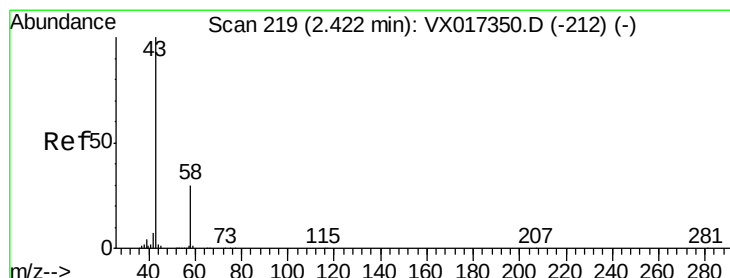
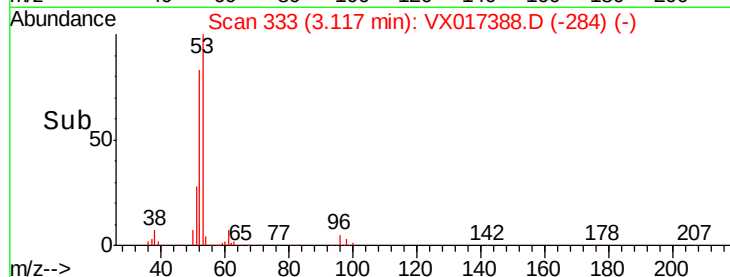
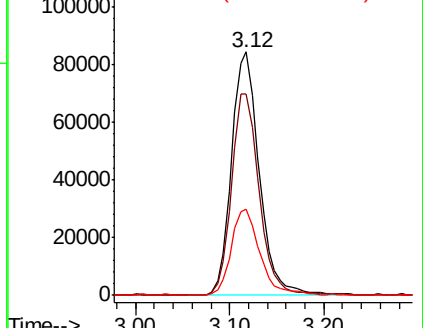
51 36.9 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 108.805 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017388.D

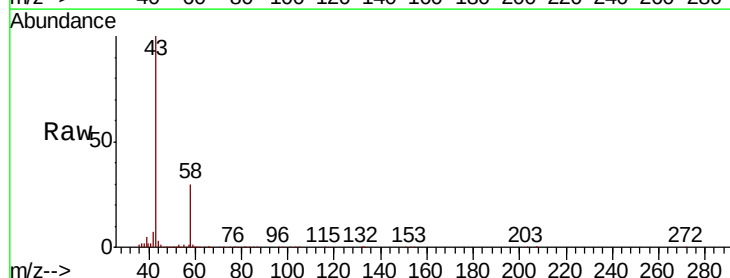
Acq: 16 Jul 2020 14:11

Tgt Ion: 43 Resp: 145686

Ion Ratio Lower Upper

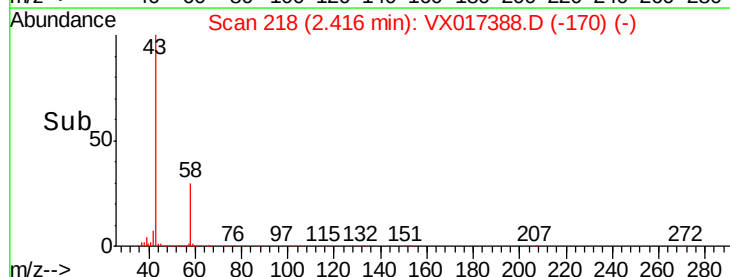
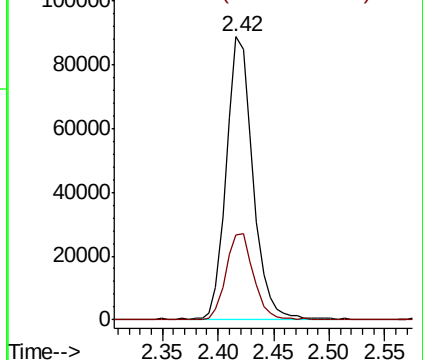
43 100

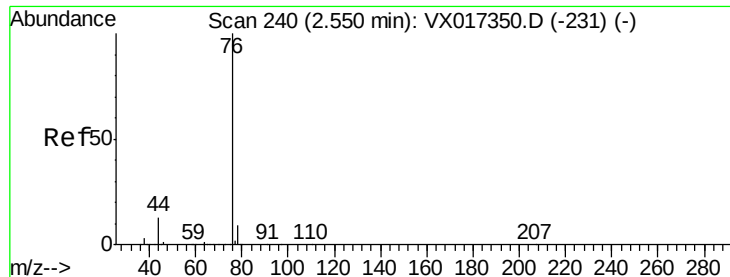
58 30.0 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 22.312 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

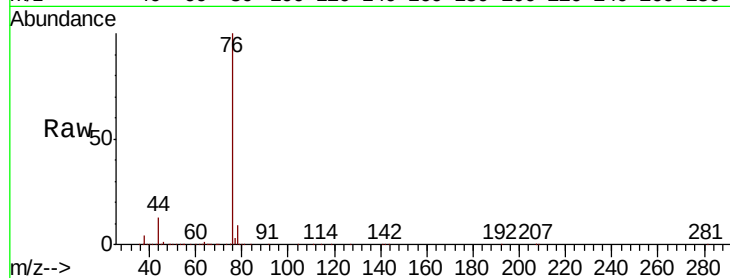
VX0716WBSD01

Tot Ion: 76 Resp: 177129

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

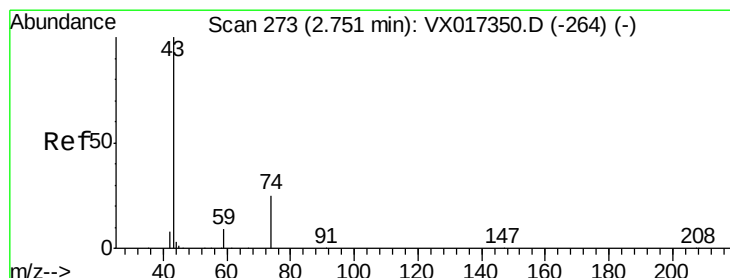
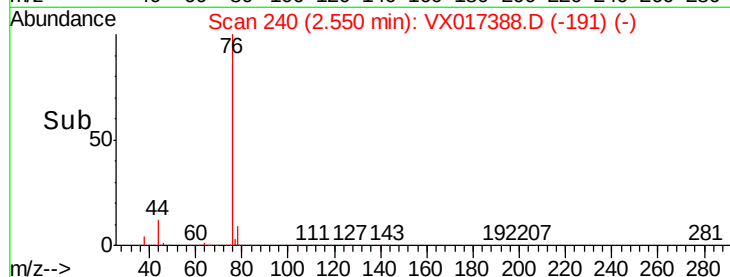
60000

40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 23.013 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017388.D

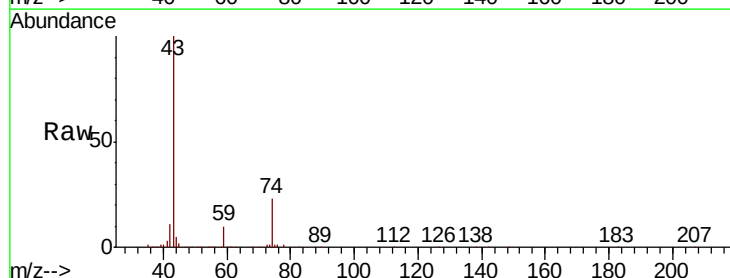
Acq: 16 Jul 2020 14:11

Tgt Ion: 43 Resp: 76106

Ion Ratio Lower Upper

43 100

74 24.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

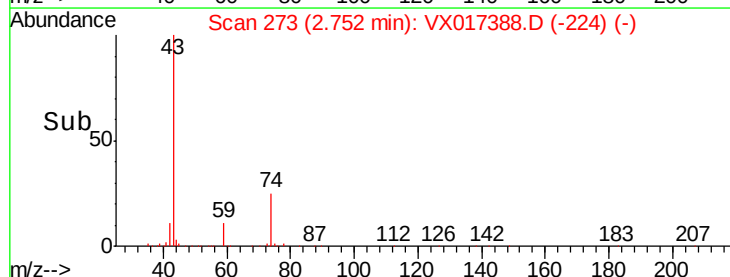
30000

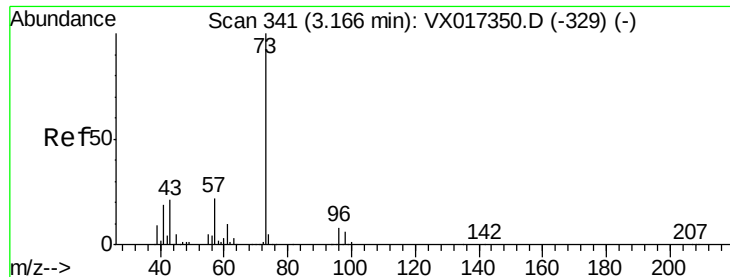
20000

10000

0

Time--> 2.65 2.70 2.75 2.80 2.85



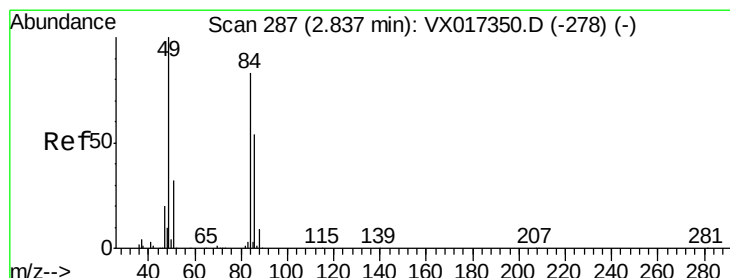
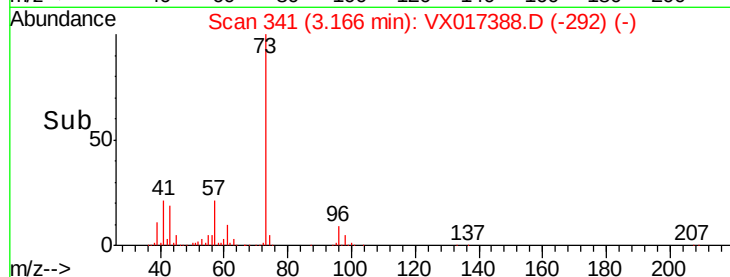
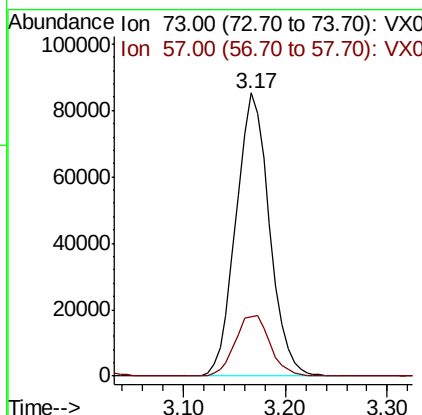
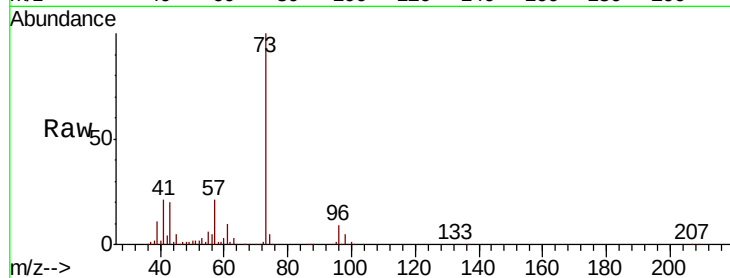


#19

Methyl tert-butyl Ether
 Concen: 20.975 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

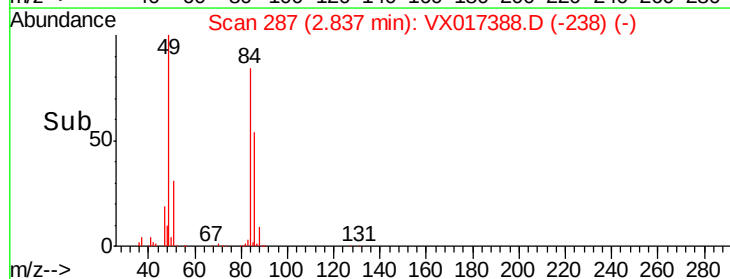
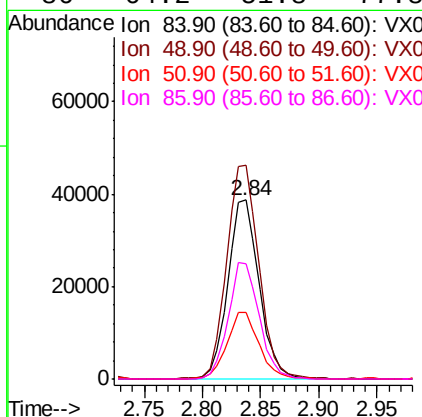
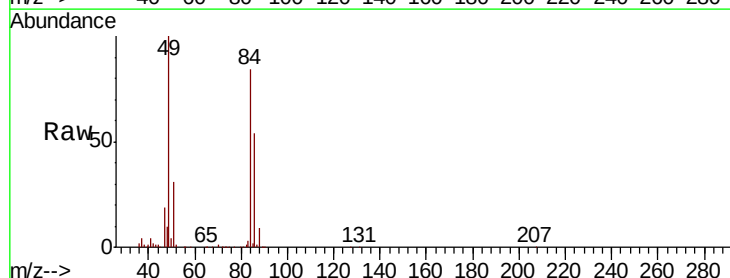
Tot Ion: 73 Resp: 193816
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.5 26.3

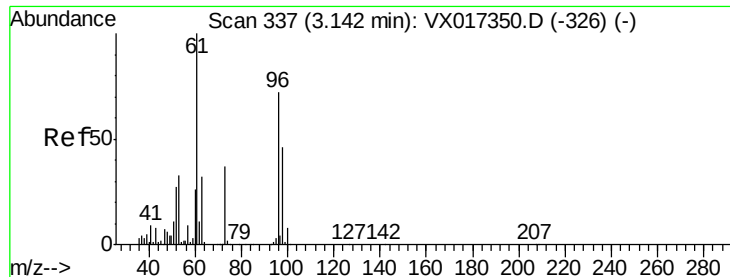


#20

Methylene Chloride
 Concen: 22.132 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion: 84 Resp: 72303
 Ion Ratio Lower Upper
 84 100
 49 119.3 95.8 143.8
 51 37.3 31.0 46.4
 86 64.2 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 21.650 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

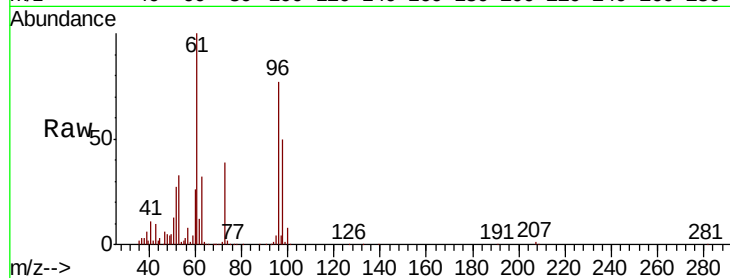
Tot Ion: 96 Resp: 67409

Ion Ratio Lower Upper

96 100

61 129.4 111.1 166.7

98 64.5 51.4 77.0

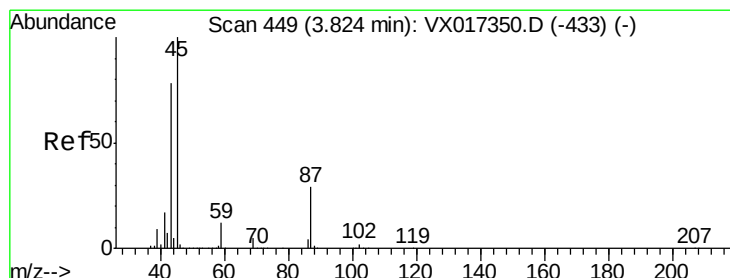
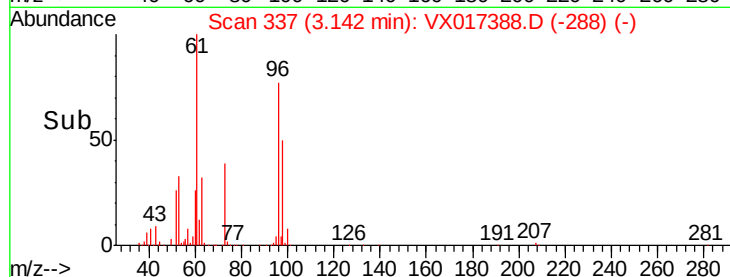
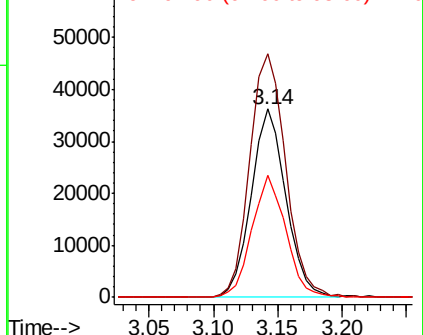


Abundance

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: 23.743 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion: 45 Resp: 213266

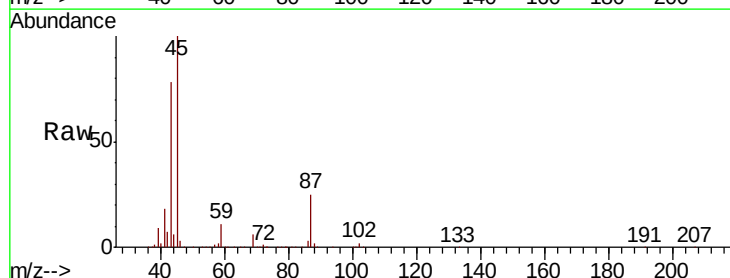
Ion Ratio Lower Upper

45 100

43 78.2 62.2 93.2

87 25.4 23.0 34.6

59 11.1 9.6 14.4



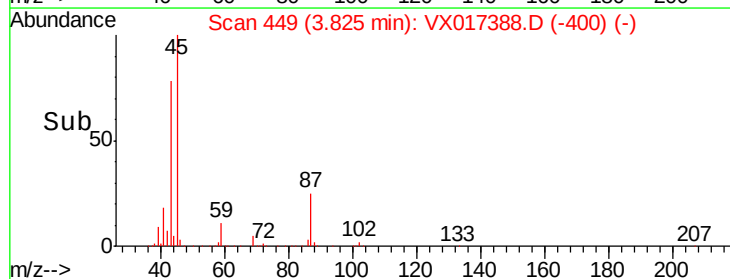
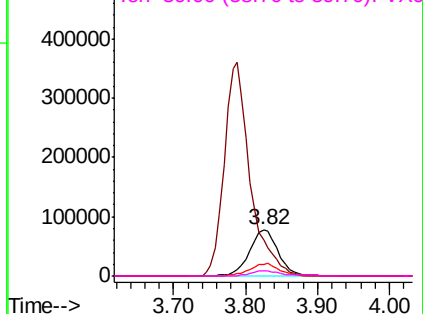
Abundance

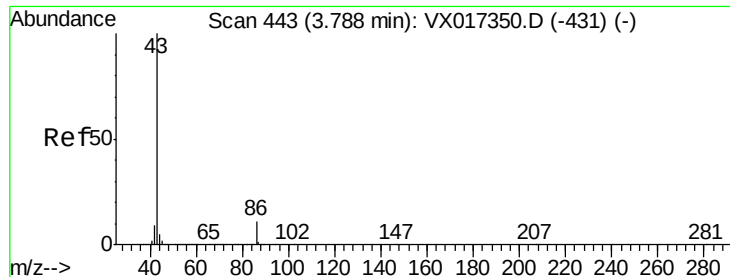
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 114.403 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

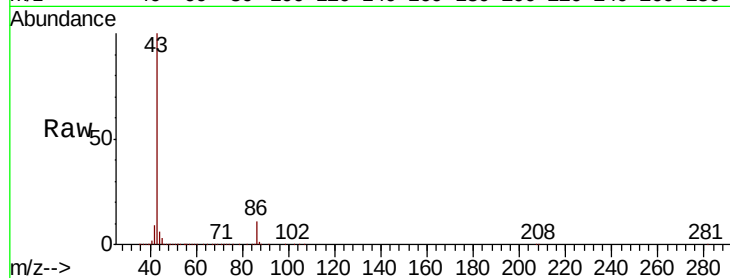
VX0716WBSD01

Tot Ion: 43 Resp: 903723

Ion Ratio Lower Upper

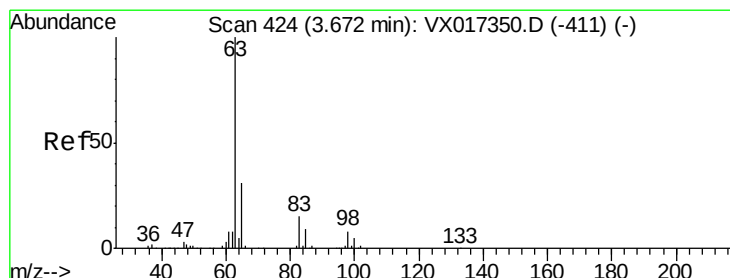
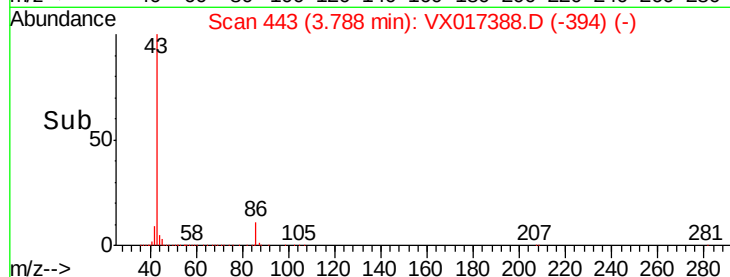
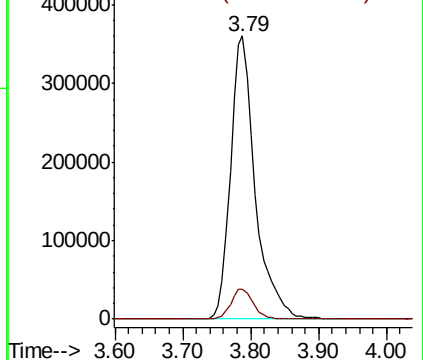
43 100

86 10.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.450 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

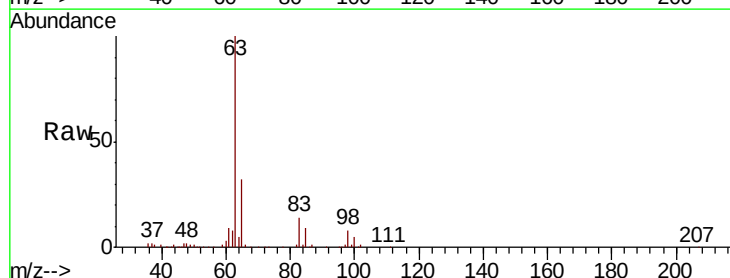
Tgt Ion: 63 Resp: 118507

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

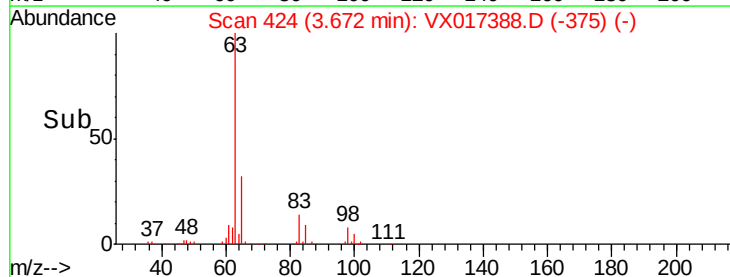
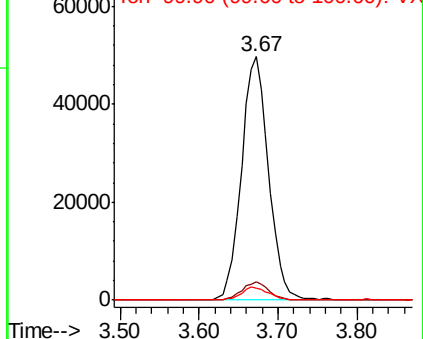
100 4.9 2.5 7.5

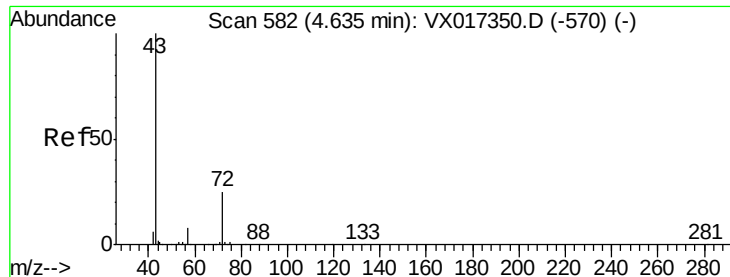


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

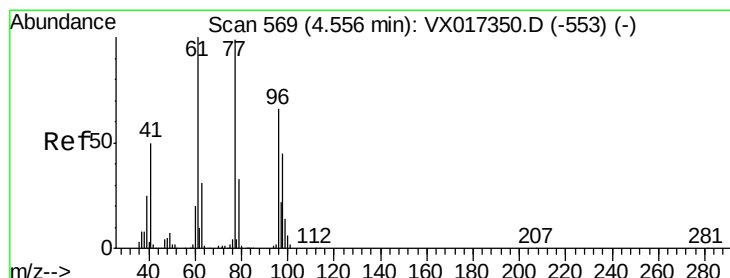
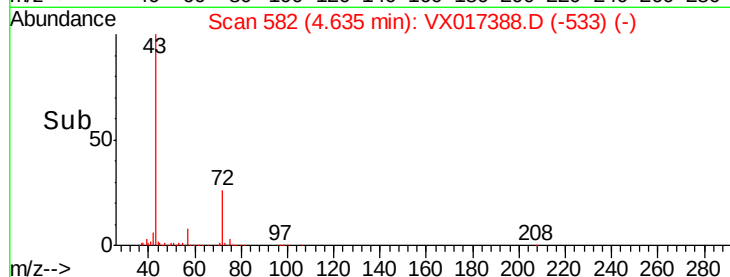
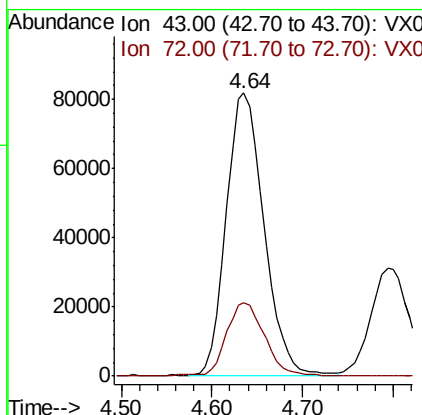
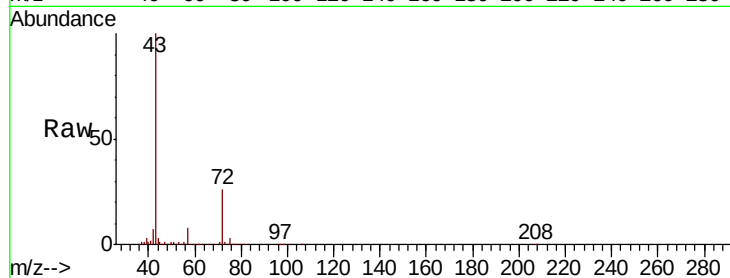




#25
 2-Butanone
 Concen: 110.831 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

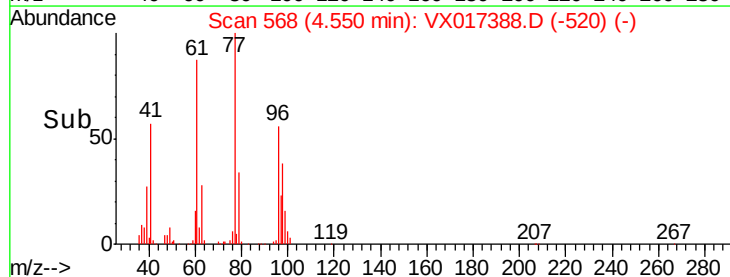
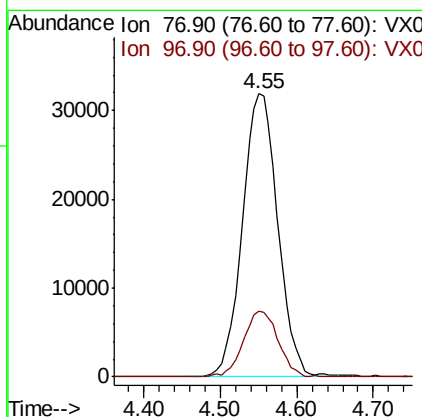
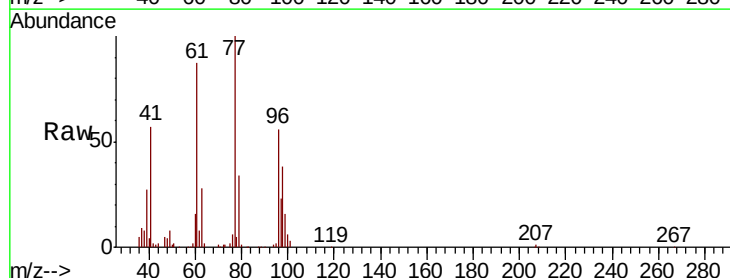
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

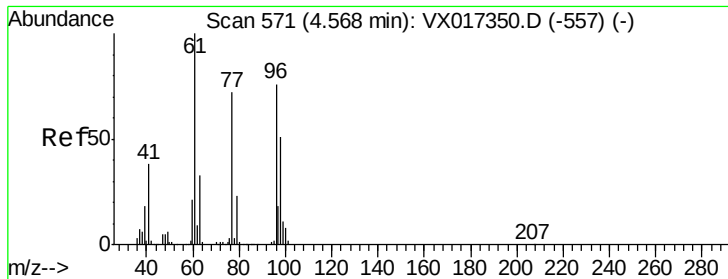
Tot Ion: 43 Resp: 235703
 Ion Ratio Lower Upper
 43 100
 72 25.8 20.4 30.6



#26
 2,2-Dichloropropane
 Concen: 20.751 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion: 77 Resp: 101944
 Ion Ratio Lower Upper
 77 100
 97 23.0 11.1 33.3



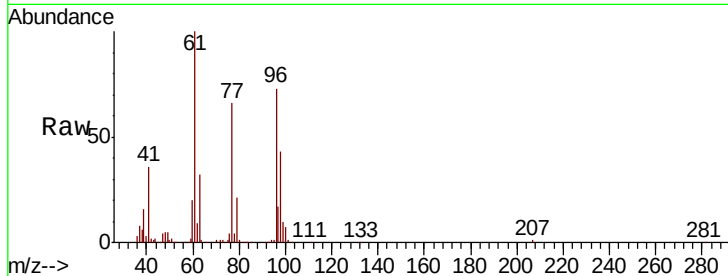


#27

cis-1,2-Dichloroethene
 Concen: 20.479 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	281.2
98	65.5	0.0	131.4

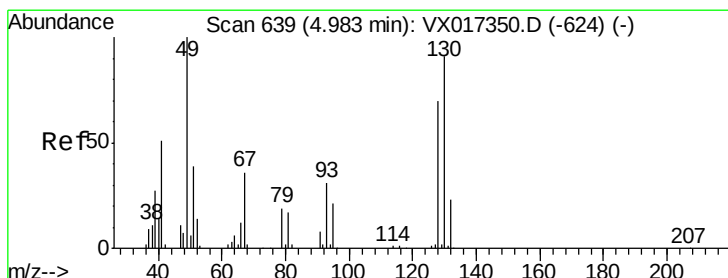
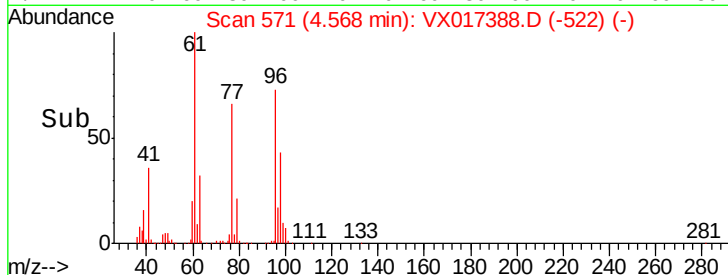
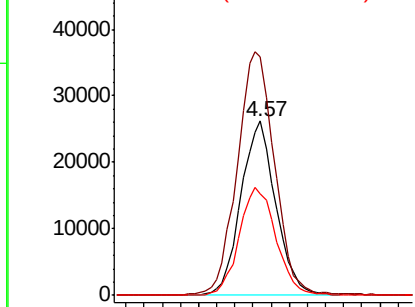


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

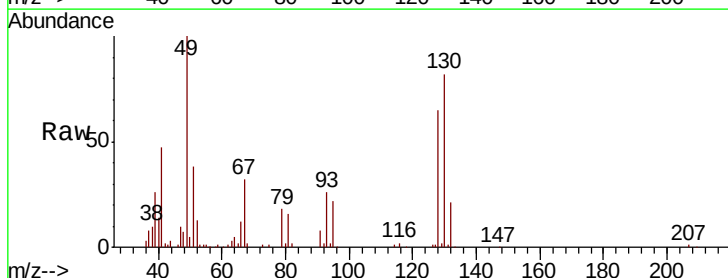
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 24.183 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.8
130	81.1	71.1	106.7

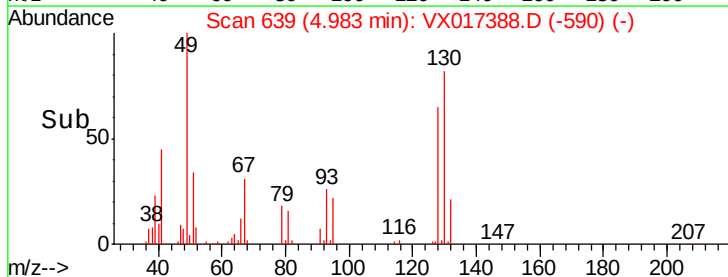
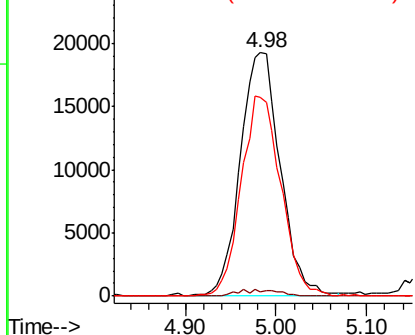


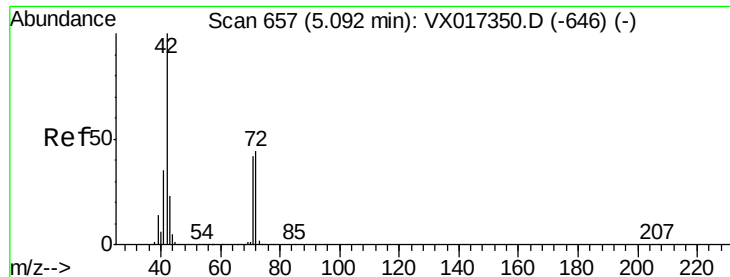
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 109.916 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

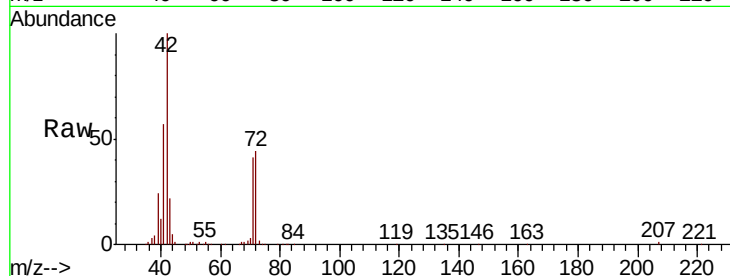
Tot Ion: 42 Resp: 151314

Ion Ratio Lower Upper

42 100

72 45.2 37.2 55.8

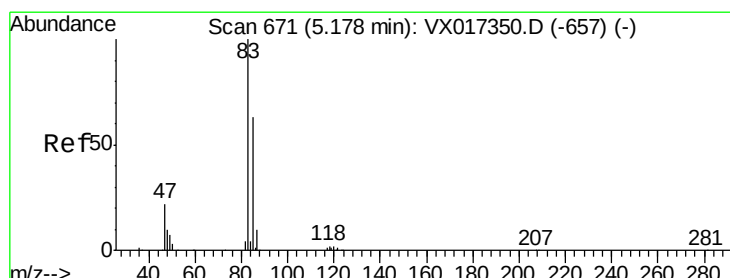
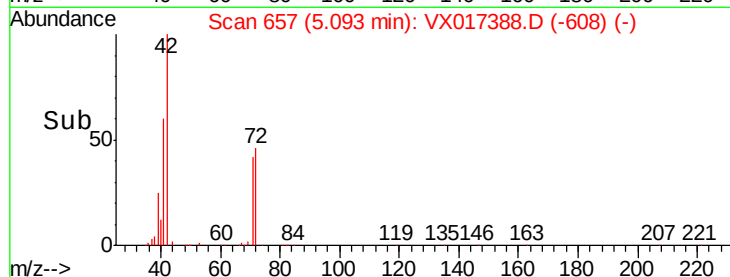
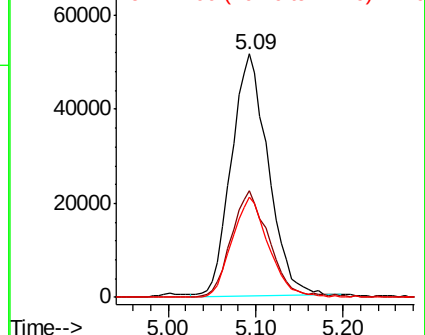
71 41.2 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.389 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017388.D

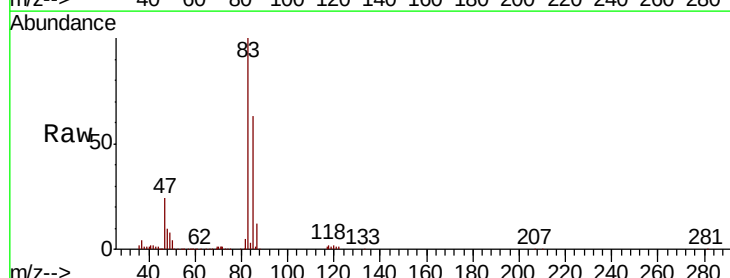
Acq: 16 Jul 2020 14:11

Tgt Ion: 83 Resp: 121475

Ion Ratio Lower Upper

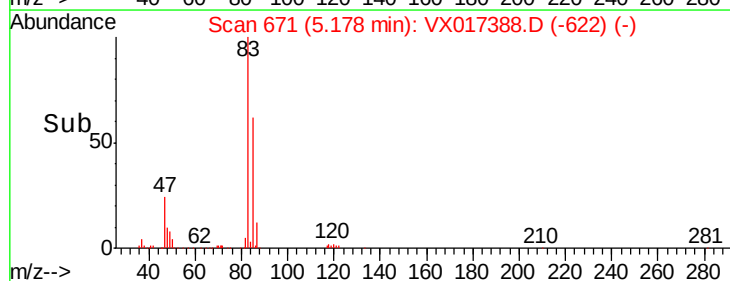
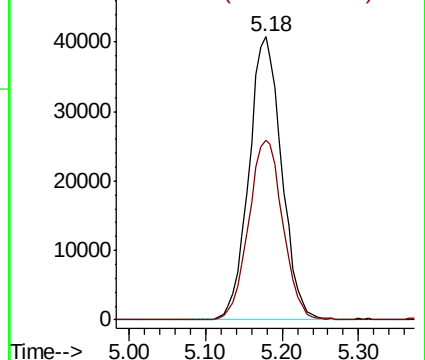
83 100

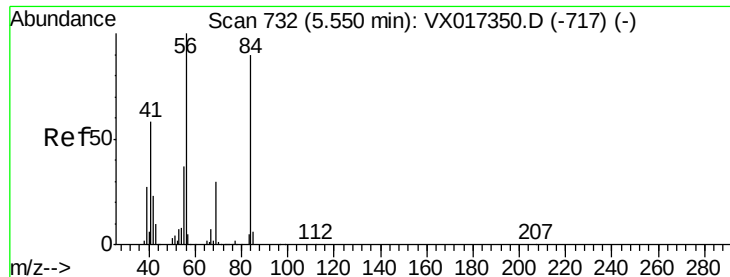
85 63.3 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

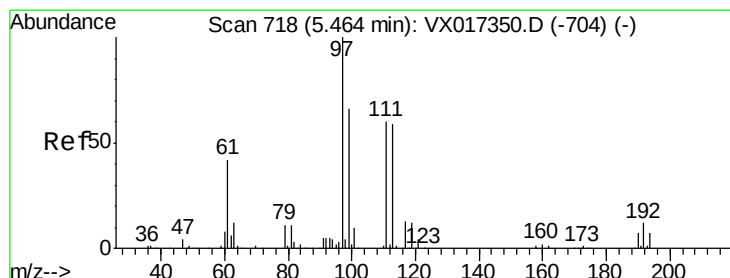
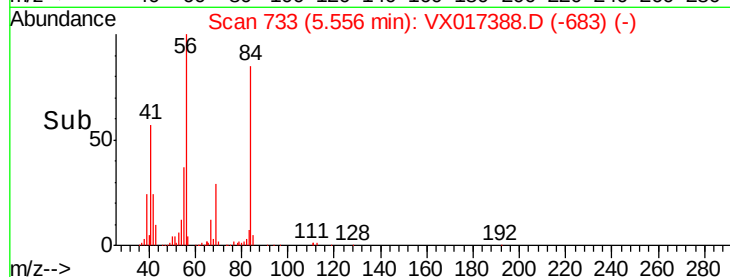
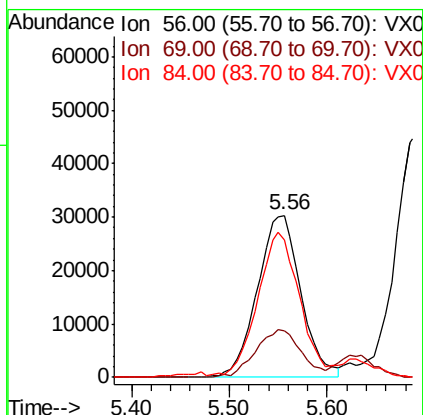
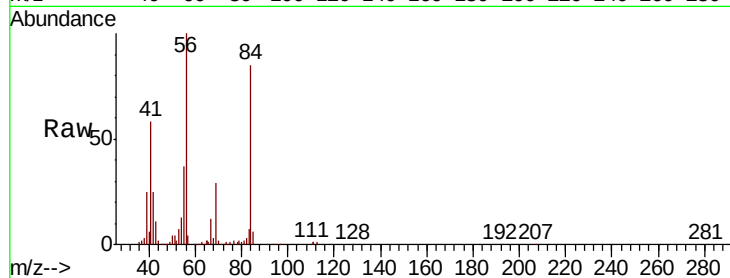




#31
Cyclohexane
Concen: 21.675 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

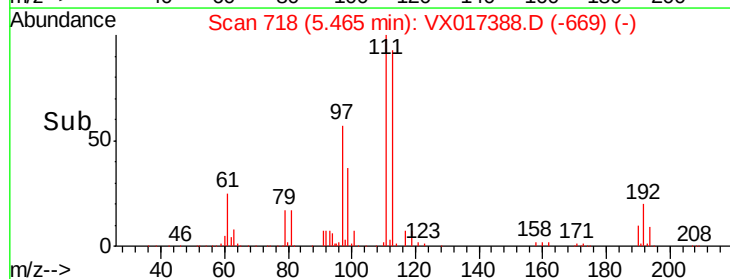
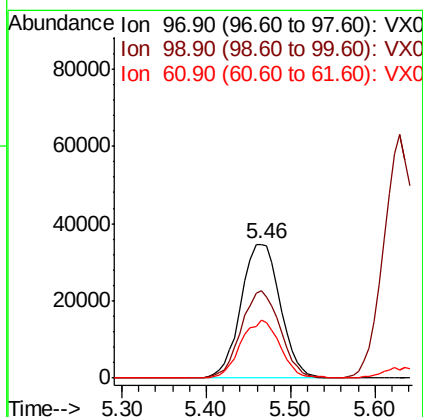
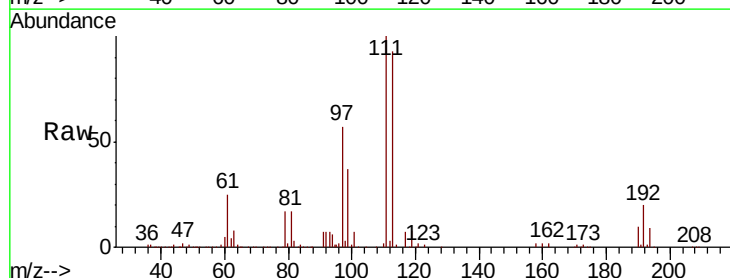
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

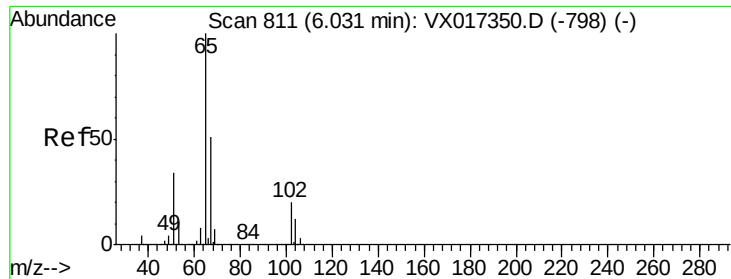
Tot Ion: 56 Resp: 93669
Ion Ratio Lower Upper
56 100
69 28.9 23.7 35.5
84 83.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.956 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion: 97 Resp: 110028
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 43.2 32.7 49.1

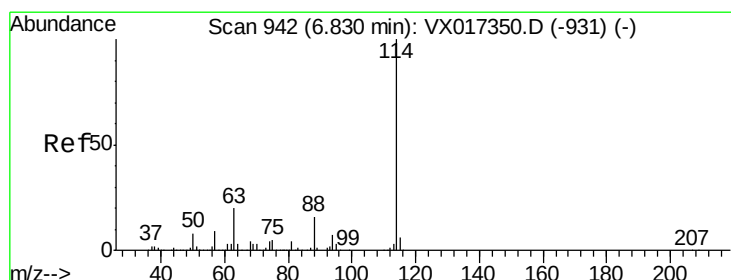
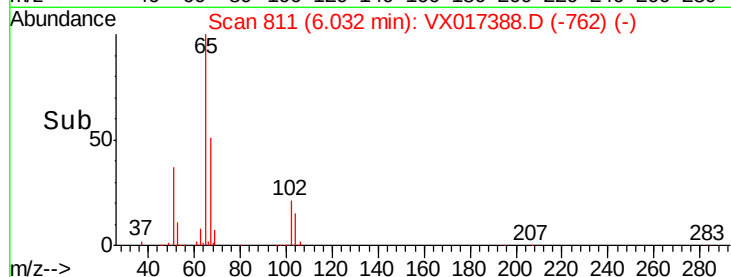
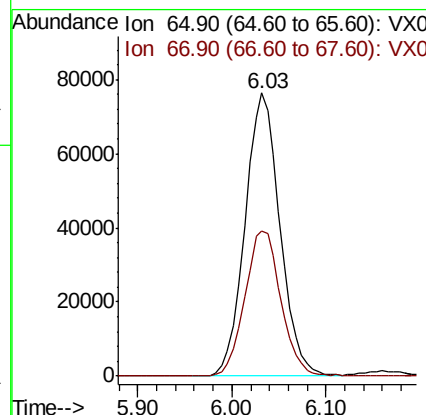
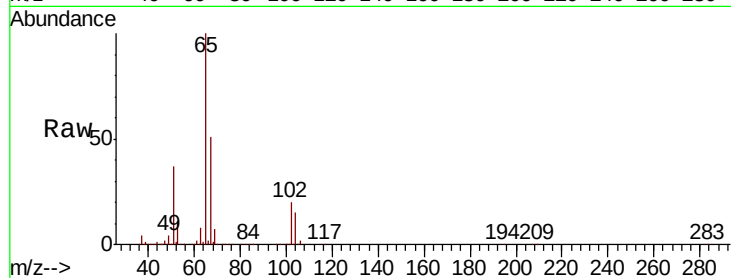




#33
 1,2-Dichloroethane-d4
 Concen: 52.730 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

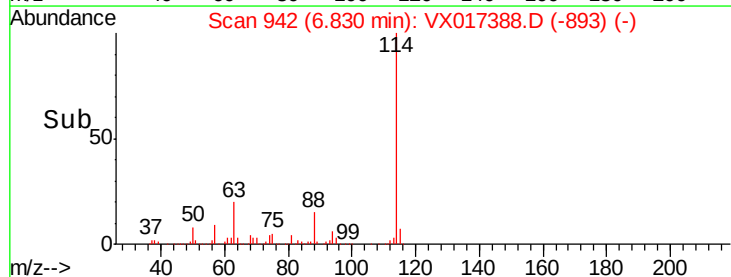
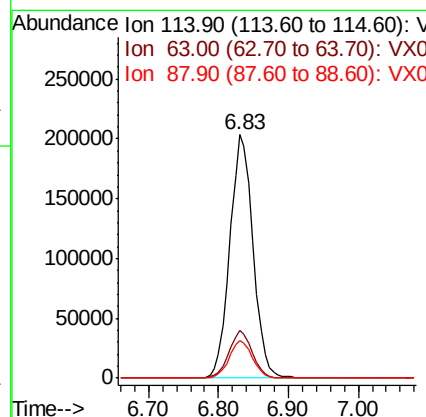
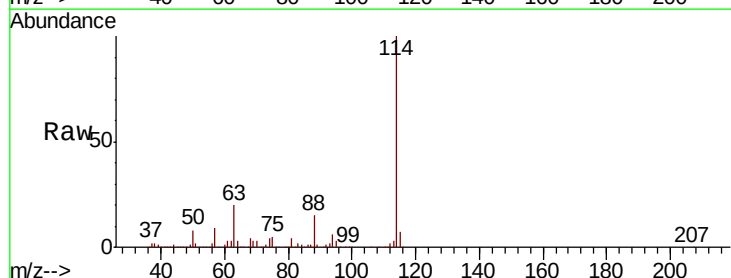
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

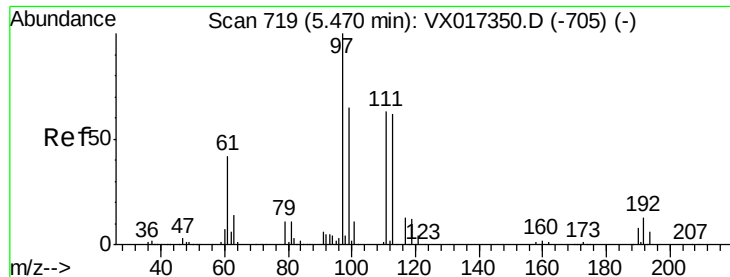
Tot Ion: 65 Resp: 197904
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion: 114 Resp: 468945
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.3 0.0 32.8

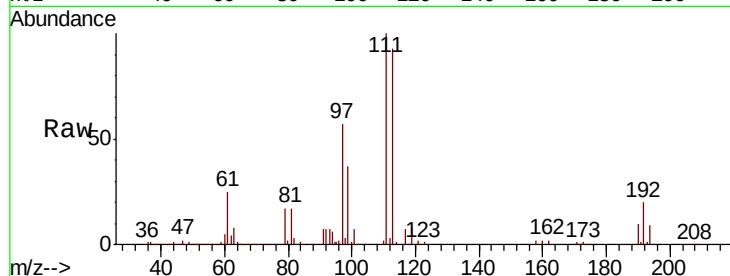




#35
 Dibromofluoromethane
 Concen: 51.936 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	20.7	17.2	25.8

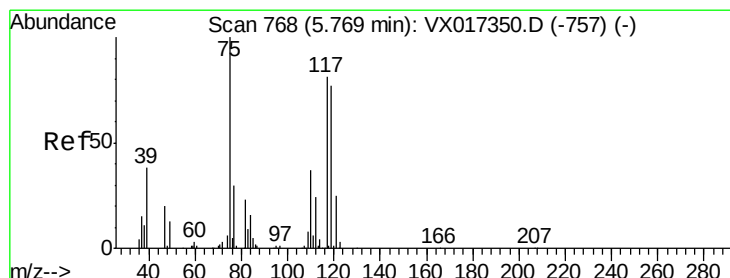
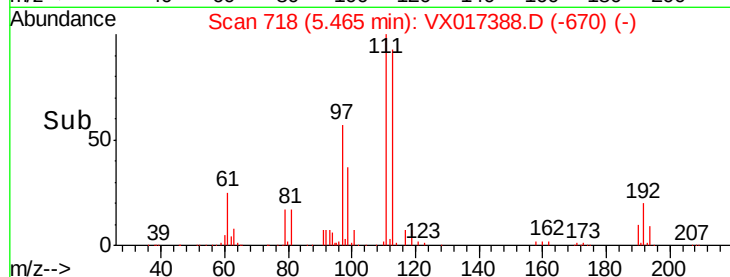
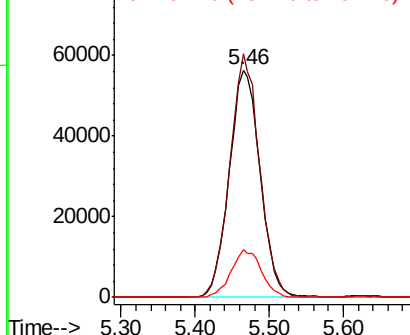


Abundance

Ion 112.80 (112.50 to 113.50): V

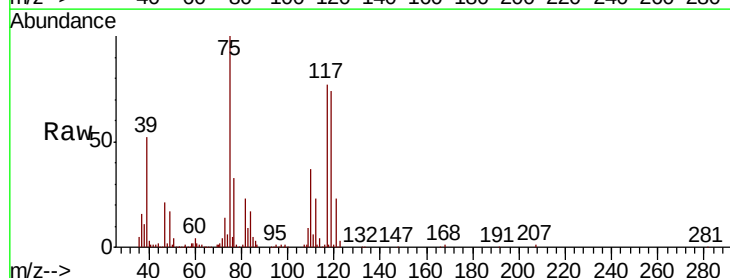
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.280 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.6	55.8
77	32.1	24.9	37.3

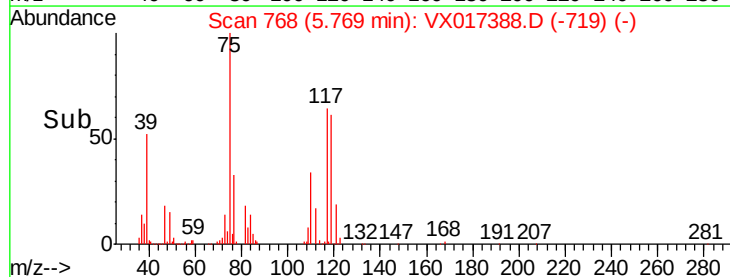
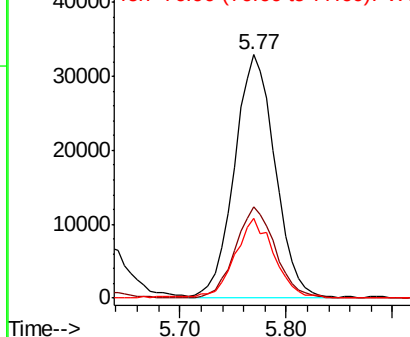


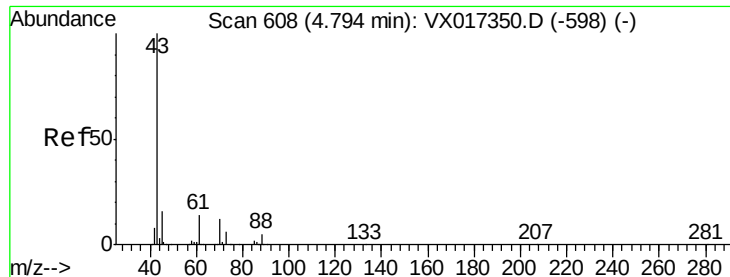
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

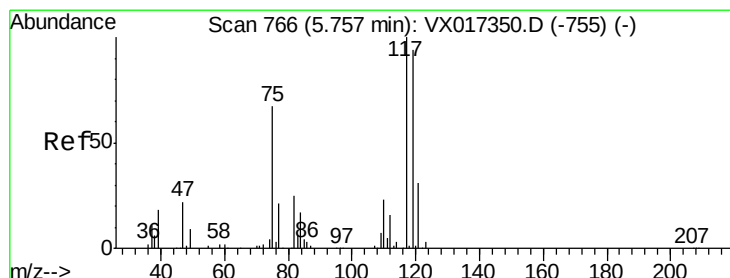
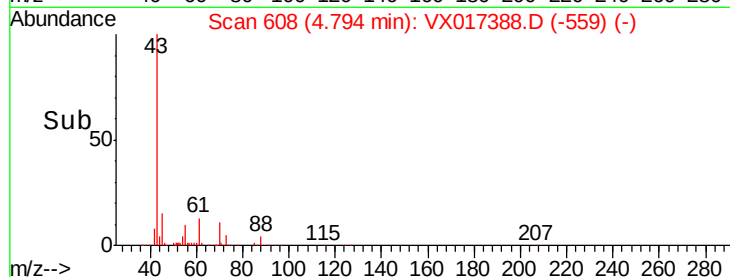
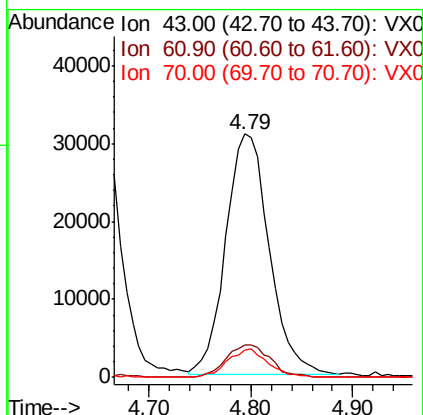
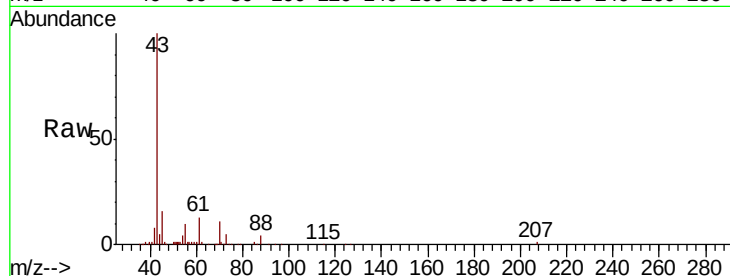




#37
Ethyl Acetate
Concen: 20.510 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

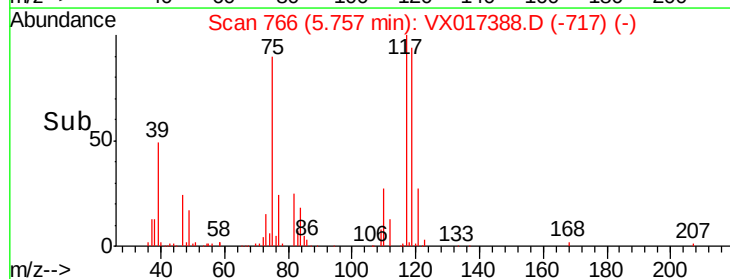
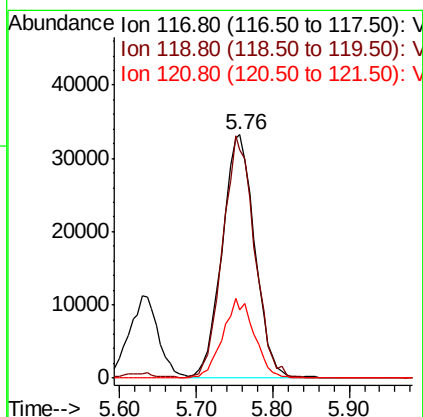
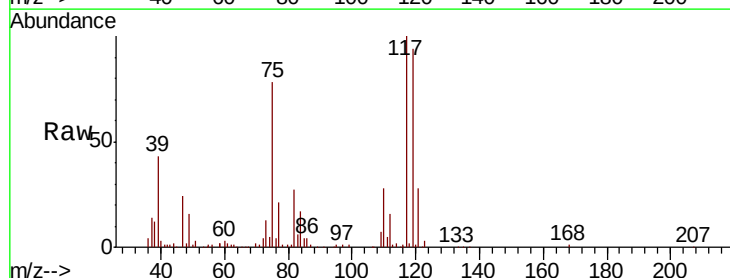
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

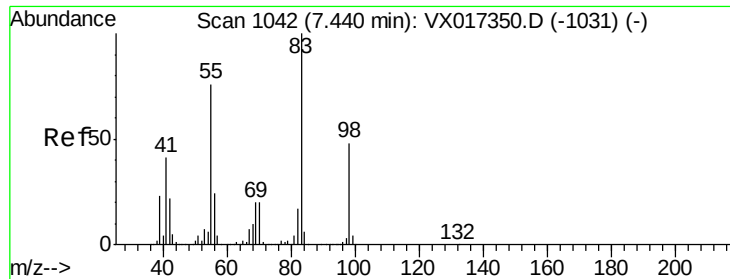
Tot Ion: 43 Resp: 91492
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 11.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.413 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion: 117 Resp: 98041
Ion Ratio Lower Upper
117 100
119 93.6 74.7 112.1
121 28.2 24.5 36.7

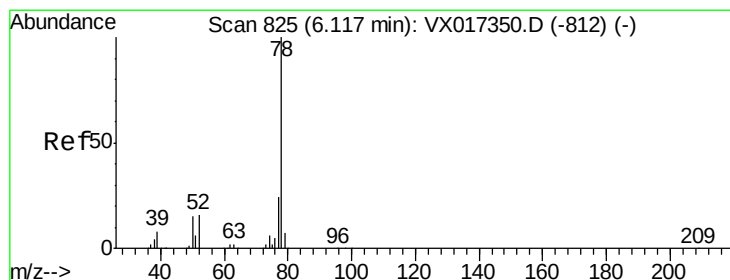
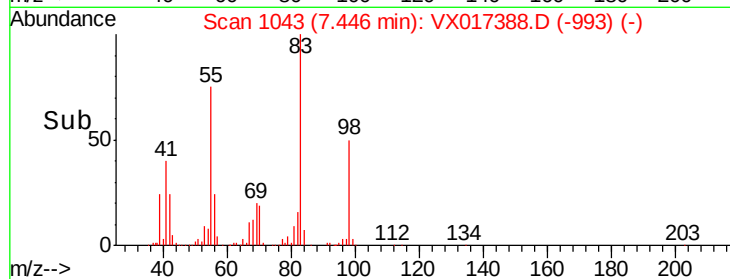
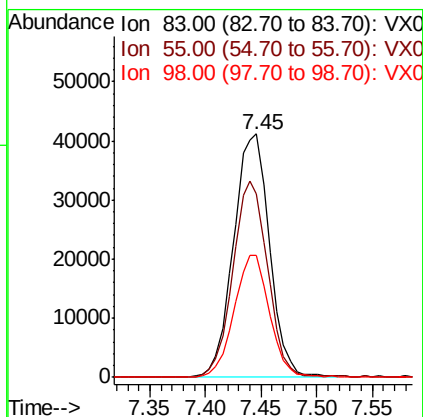
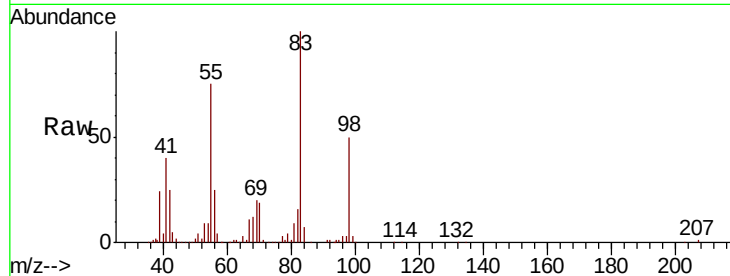




#39
Methylvlcyclohexane
Concen: 19.712 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

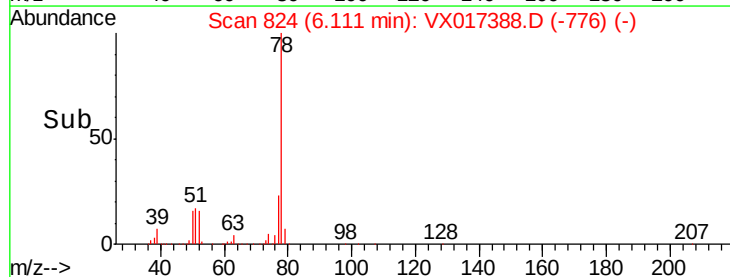
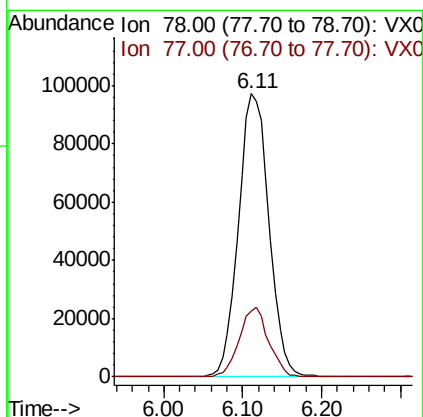
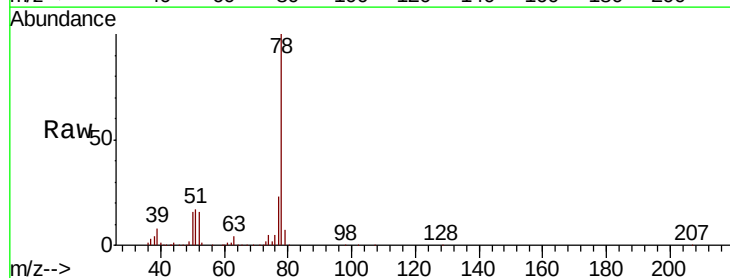
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

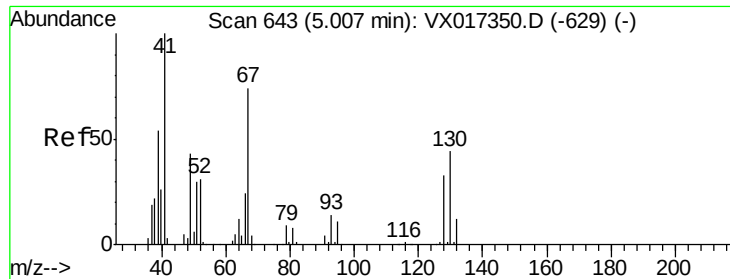
Tot Ion: 83 Resp: 92333
Ion Ratio Lower Upper
83 100
55 74.9 61.2 91.8
98 50.1 38.1 57.1



#40
Benzene
Concen: 21.179 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion: 78 Resp: 262546
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

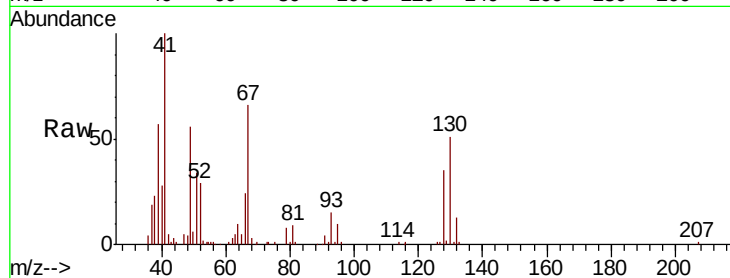




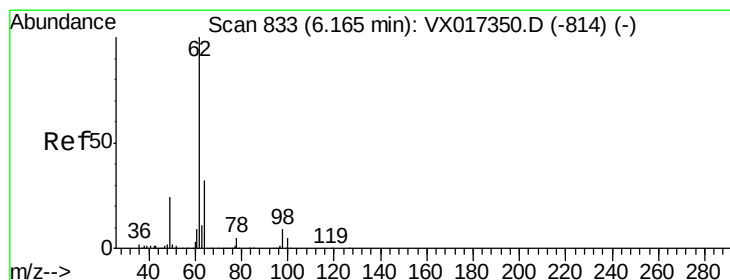
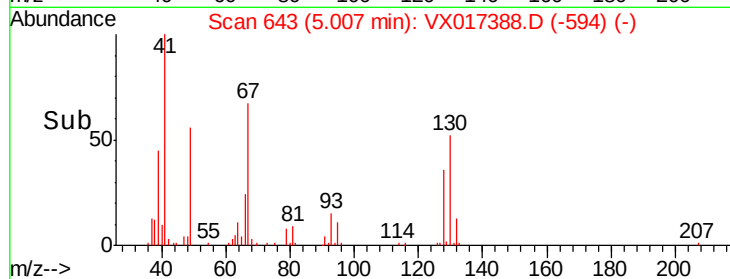
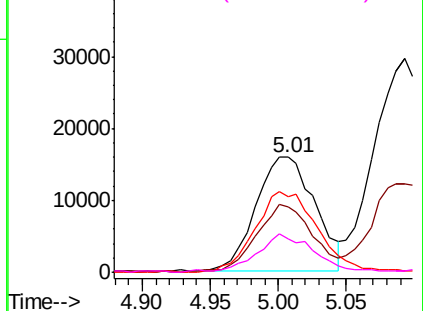
#41
Methacrylonitrile
Concen: 20.207 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion:	41	Resp:	48391
Ion	Ratio	Lower	Upper
41	100		
39	56.3	43.8	65.8
67	74.8	58.7	88.1
52	29.2	24.9	37.3

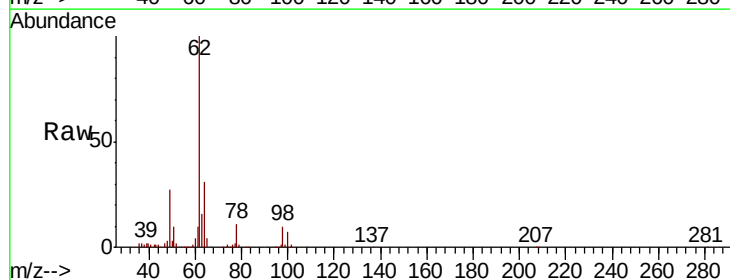


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

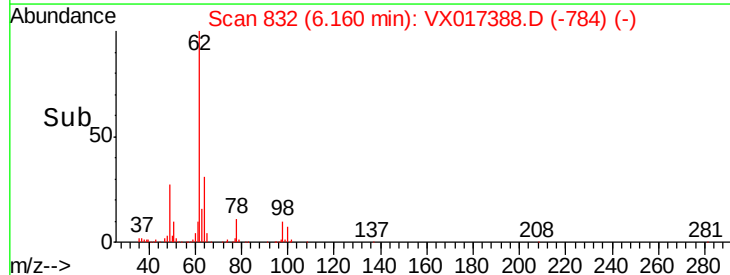
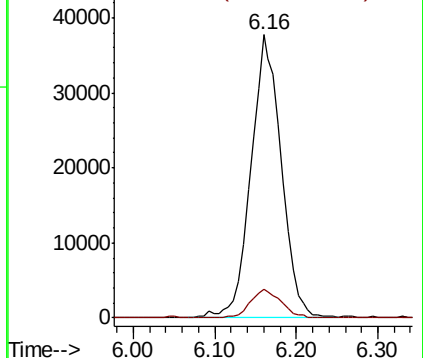


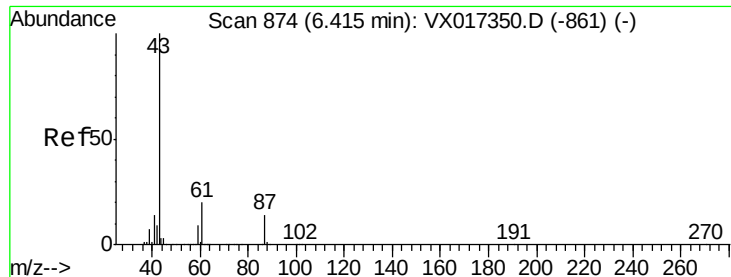
#42
1,2-Dichloroethane
Concen: 20.220 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion:	62	Resp:	97386
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.575 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

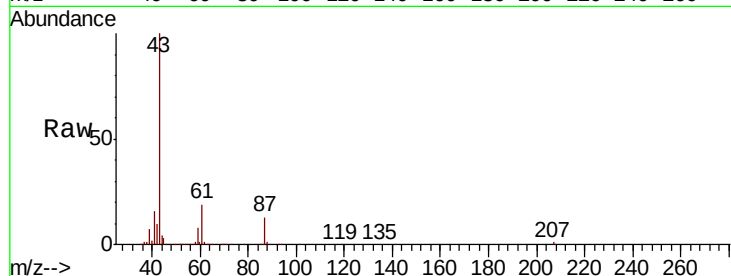
Tot Ion: 43 Resp: 146656

Ion Ratio Lower Upper

43 100

61 20.1 16.4 24.6

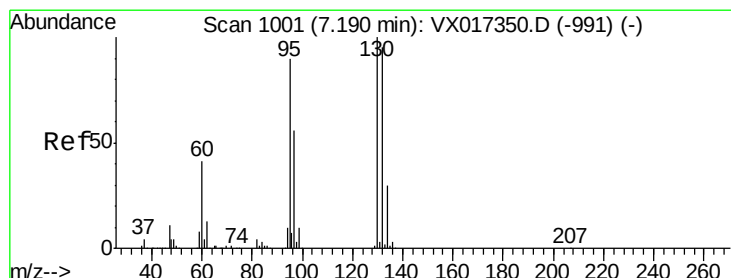
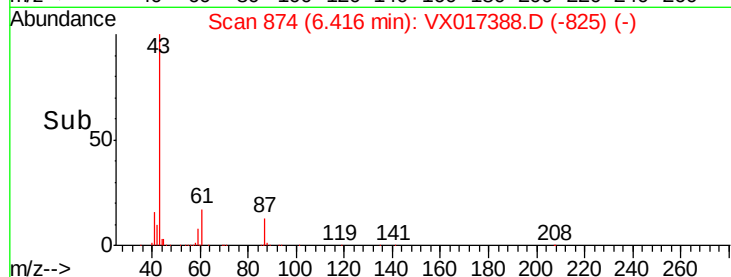
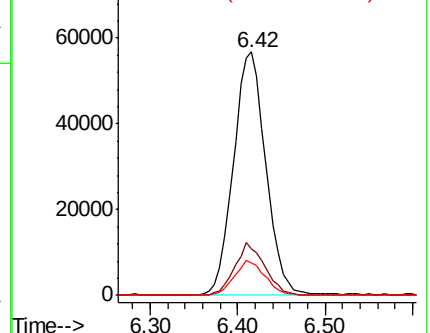
87 13.4 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.875 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017388.D

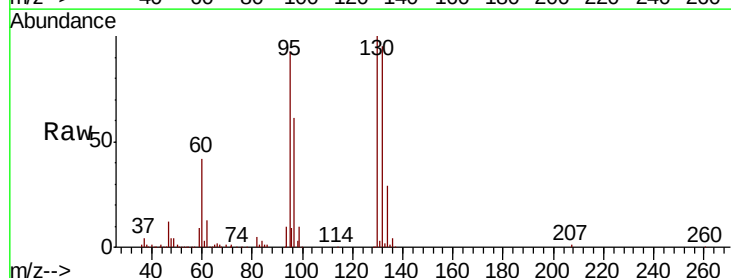
Acq: 16 Jul 2020 14:11

Tgt Ion:130 Resp: 75258

Ion Ratio Lower Upper

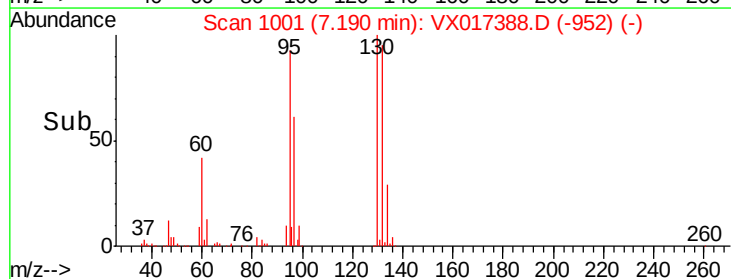
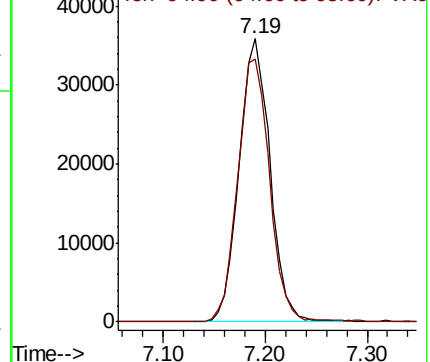
130 100

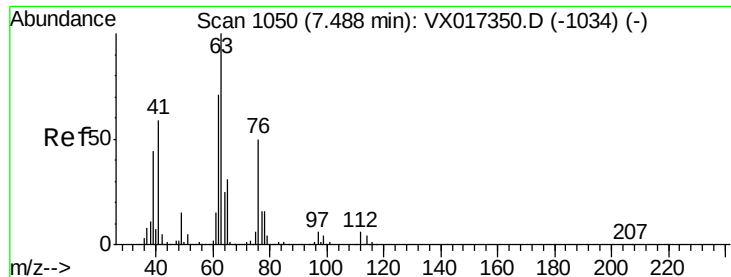
95 93.0 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.763 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

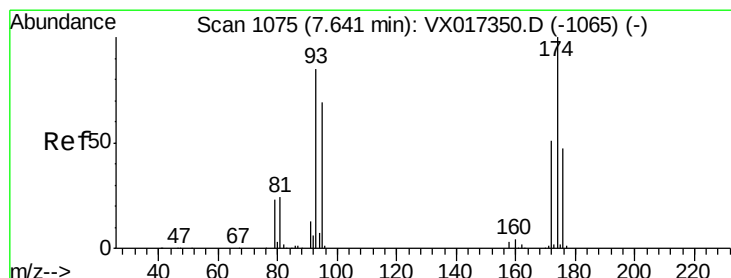
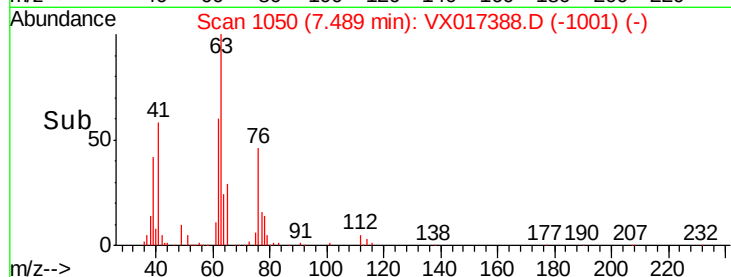
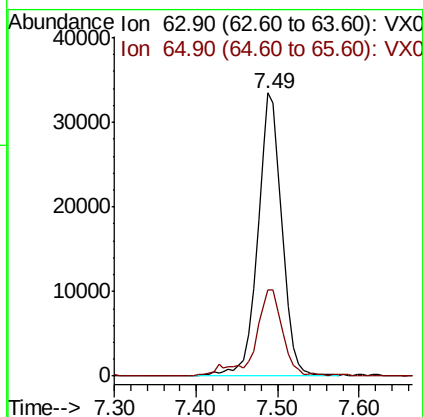
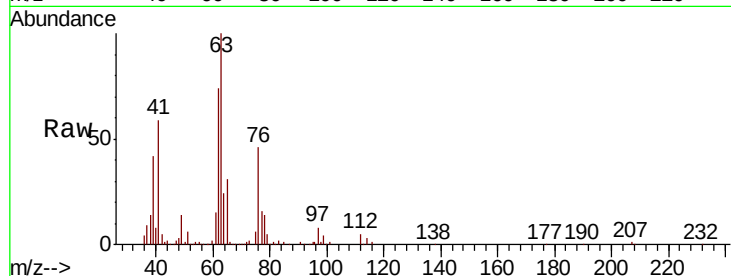
VX0716WBSD01

Tot Ion: 63 Resp: 69029

Ion Ratio Lower Upper

63 100

65 30.7 24.5 36.7



#46

Dibromomethane

Concen: 21.039 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

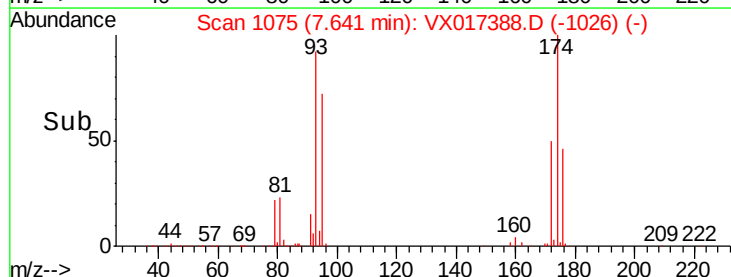
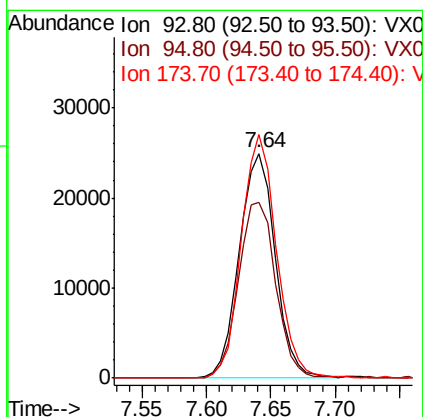
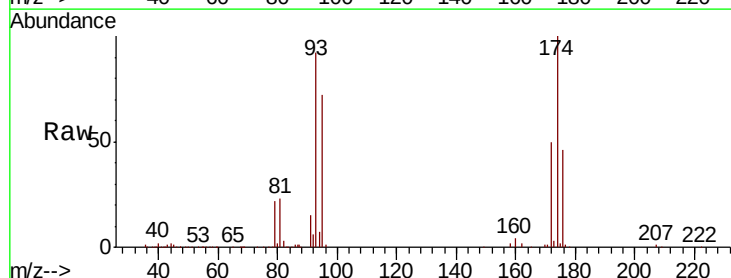
Tgt Ion: 93 Resp: 48130

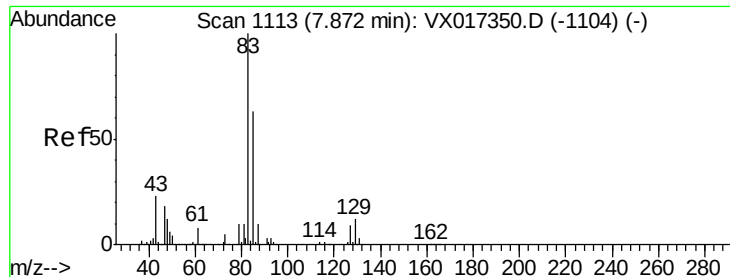
Ion Ratio Lower Upper

93 100

95 81.5 65.4 98.2

174 106.0 91.2 136.8





#47

Bromodichloromethane

Concen: 20.357 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

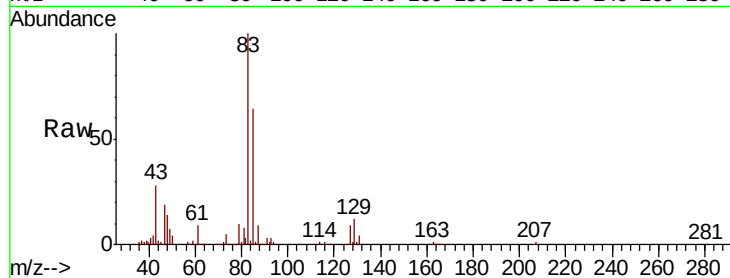
Tot Ion: 83 Resp: 97359

Ion Ratio Lower Upper

83 100

85 64.4 50.2 75.4

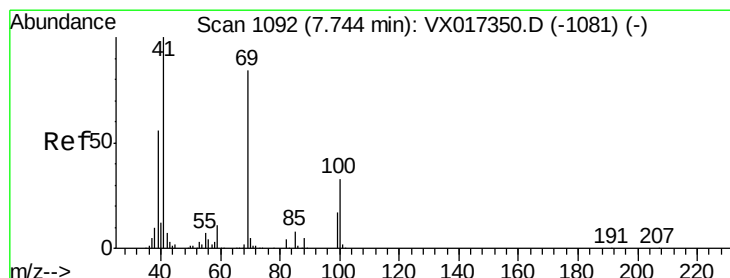
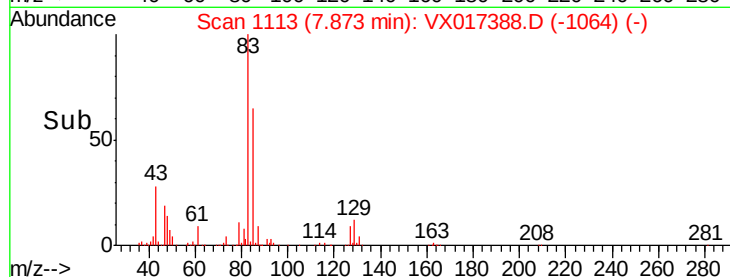
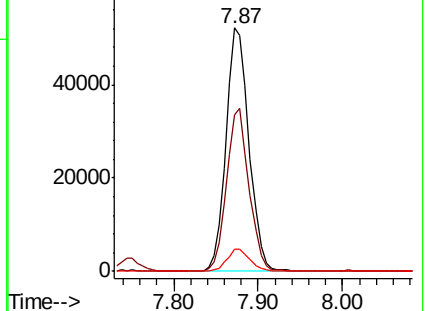
127 9.1 7.1 10.7



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: 20.964 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

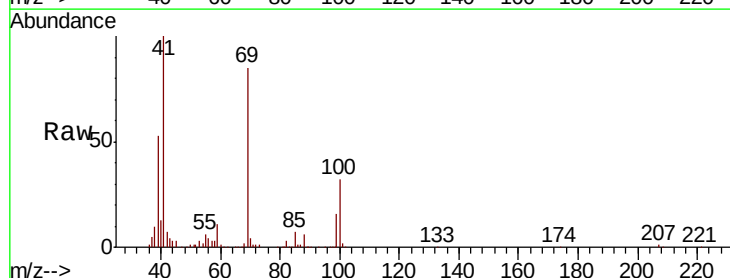
Tgt Ion: 41 Resp: 71708

Ion Ratio Lower Upper

41 100

69 82.5 67.8 101.6

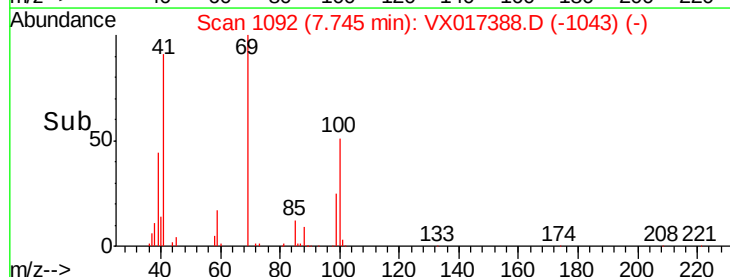
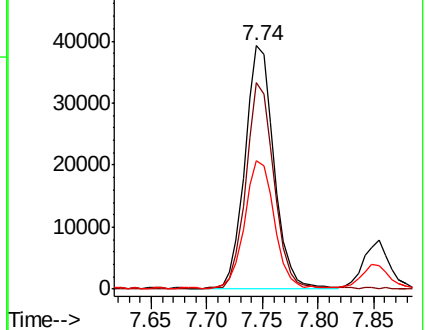
39 52.9 45.1 67.7

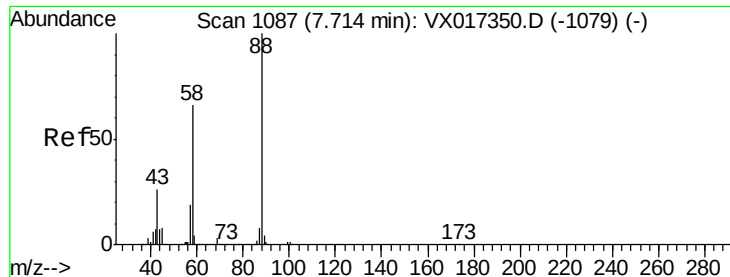


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 414.722 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

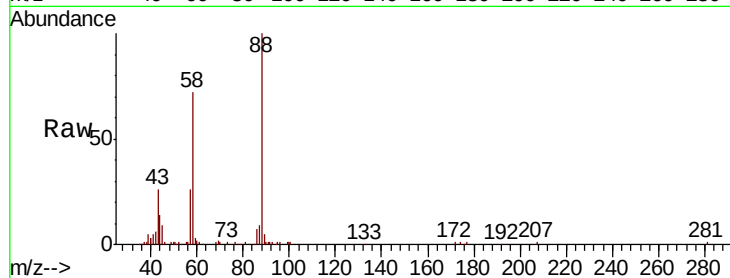
Tot Ion: 88 Resp: 29030

Ion Ratio Lower Upper

88 100

43 32.9 25.6 38.4

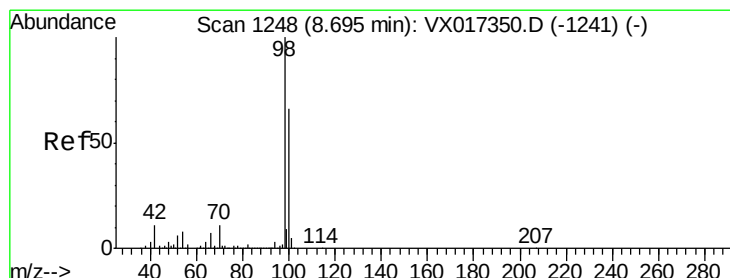
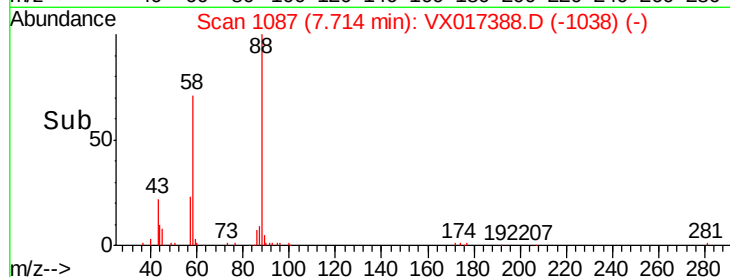
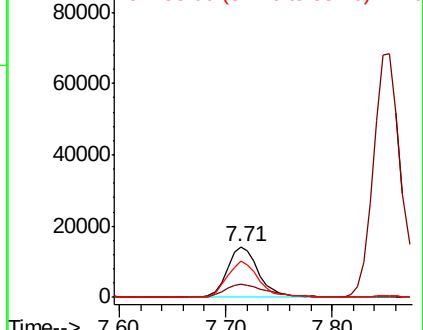
58 75.0 53.9 80.9



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: 52.429 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017388.D

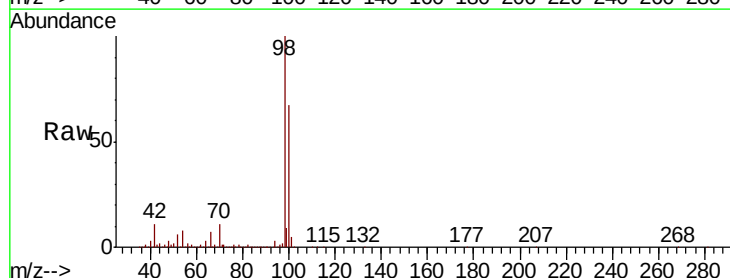
Acq: 16 Jul 2020 14:11

Tgt Ion: 98 Resp: 597407

Ion Ratio Lower Upper

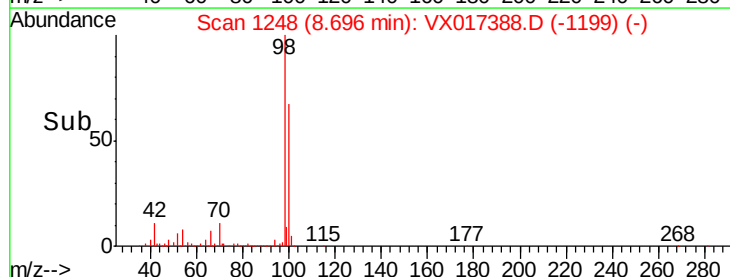
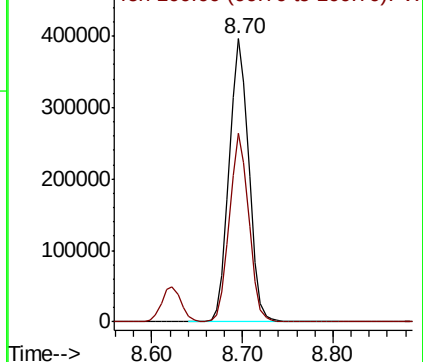
98 100

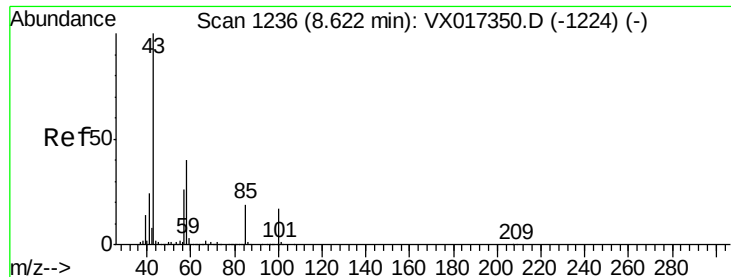
100 65.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 109.189 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

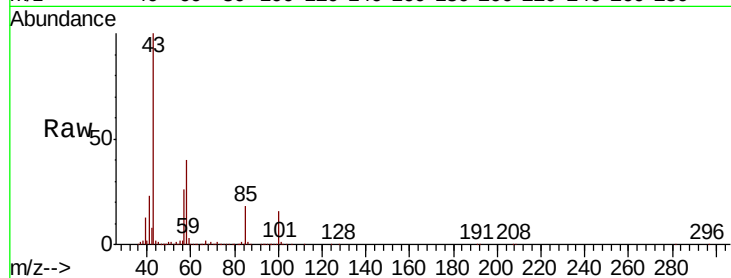
VX0716WBSD01

Tot Ion: 43 Resp: 474567

Ion Ratio Lower Upper

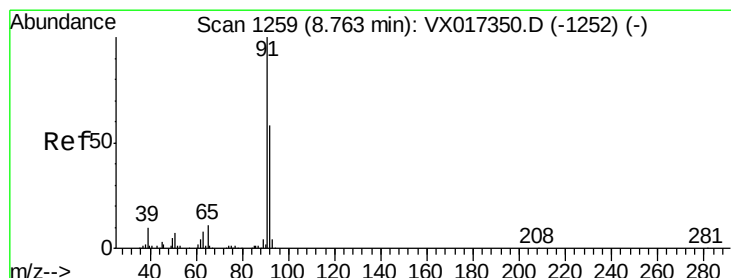
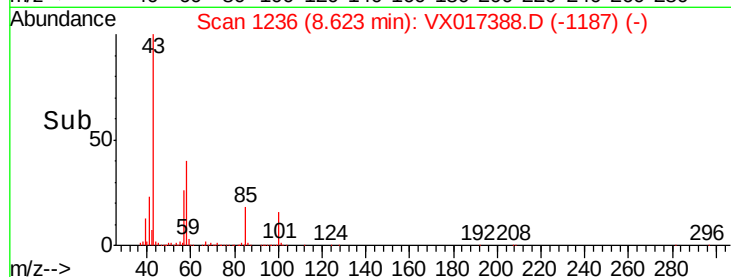
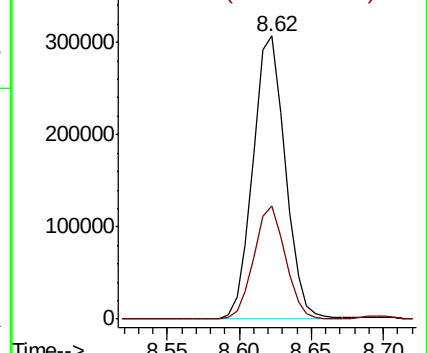
43 100

58 39.2 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.850 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017388.D

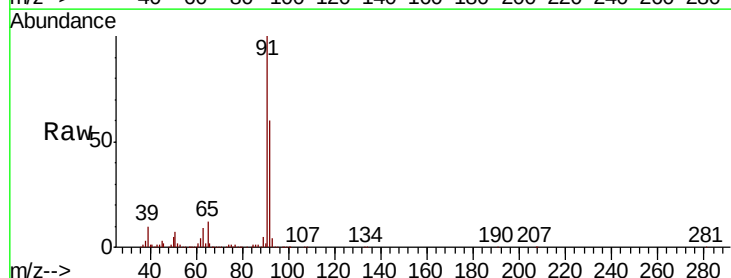
Acq: 16 Jul 2020 14:11

Tgt Ion: 92 Resp: 165863

Ion Ratio Lower Upper

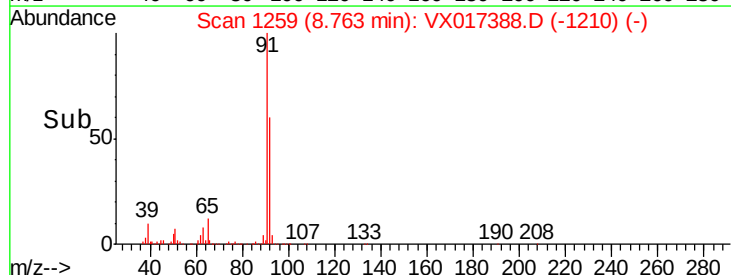
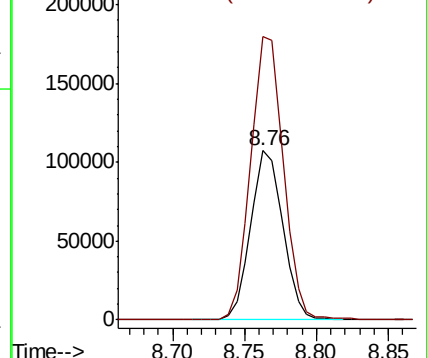
92 100

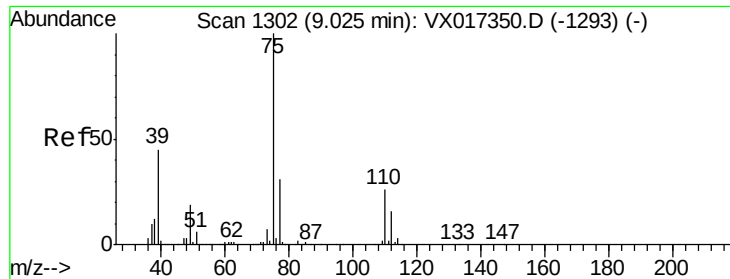
91 170.6 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.993 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

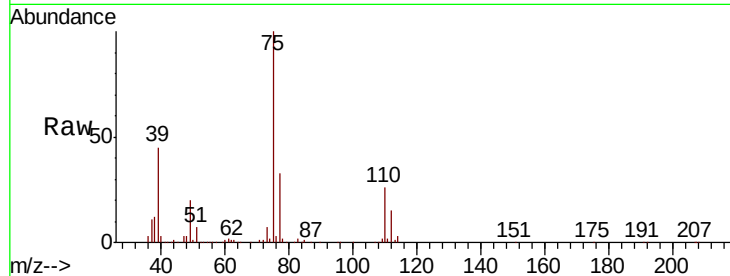
VX0716WBSD01

Tot Ion: 75 Resp: 103012

Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

80000

60000

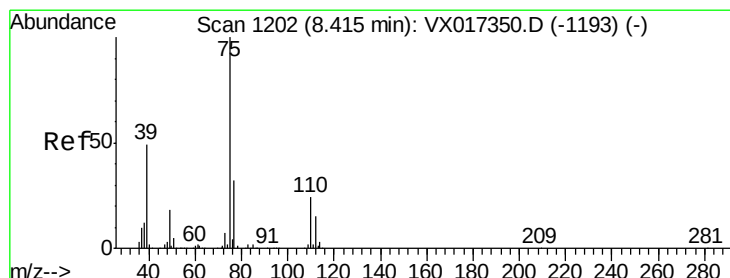
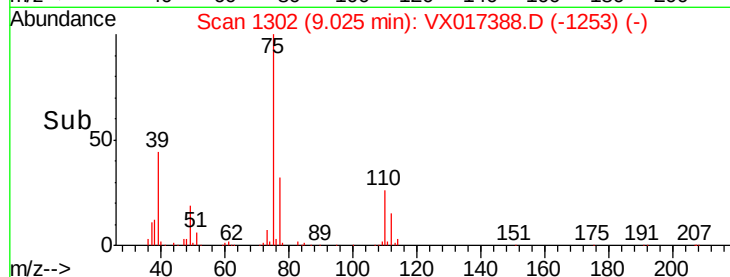
40000

20000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.498 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

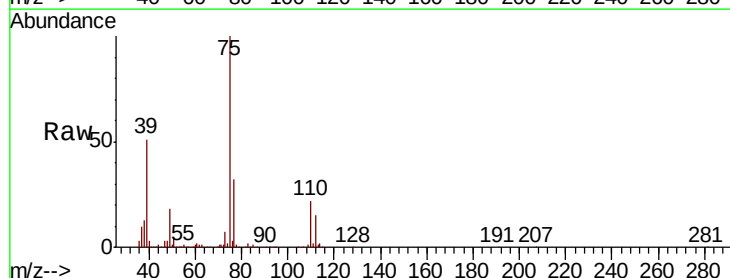
Tgt Ion: 75 Resp: 112646

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

39 50.9 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

80000

60000

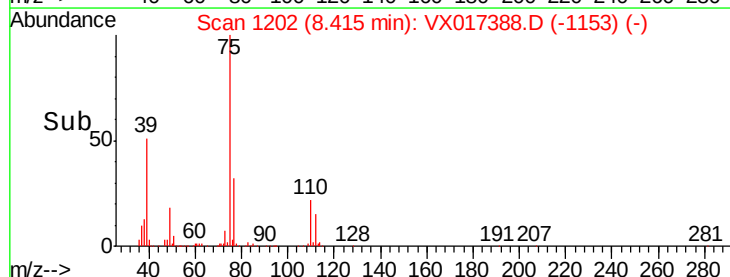
40000

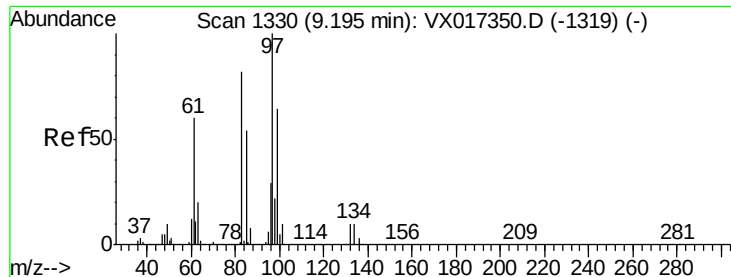
20000

0

8.30 8.35 8.40 8.45 8.50

Time-->

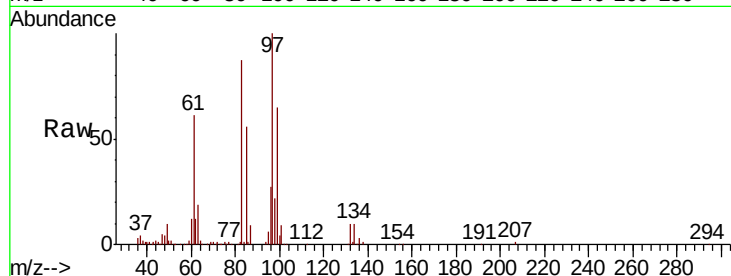




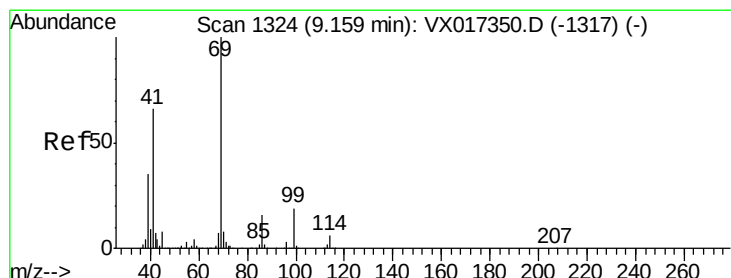
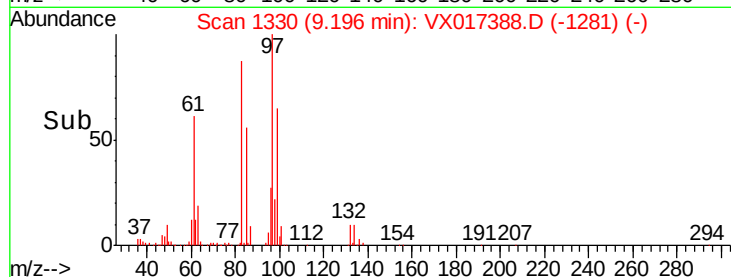
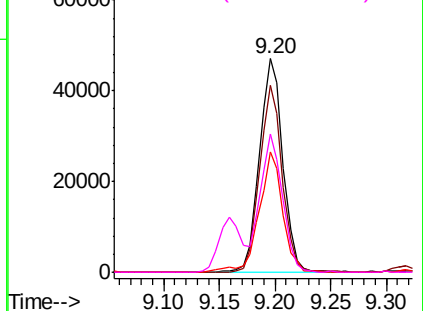
#55
 1,1,2-Trichloroethane
 Concen: 20.899 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Tot Ion:	97	Resp:	69326
Ion	Ratio	Lower	Upper
97	100		
83	87.3	65.8	98.6
85	56.1	42.8	64.2
99	64.6	51.2	76.8

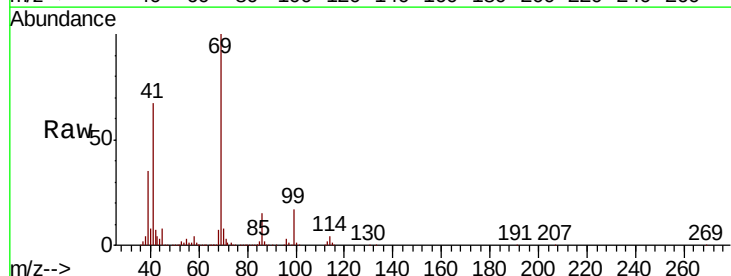


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

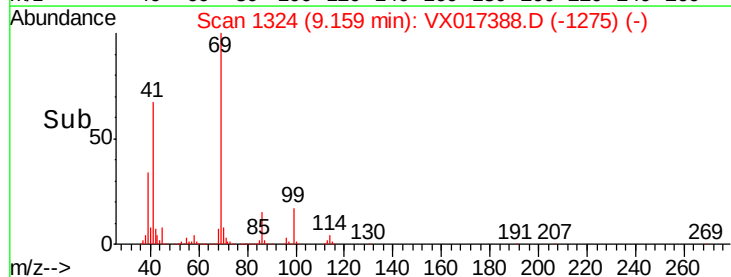
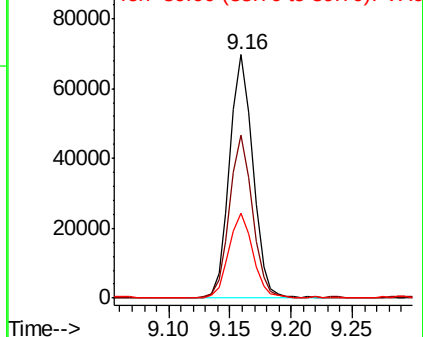


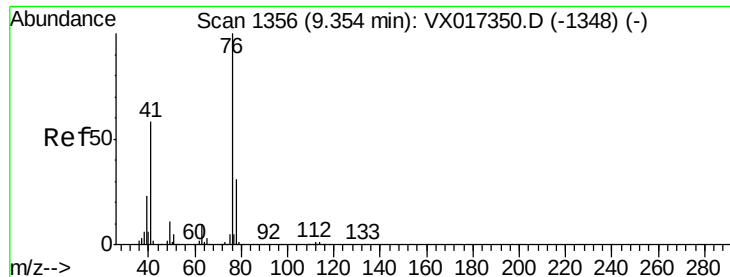
#56
 Ethyl methacrylate
 Concen: 19.498 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion:	69	Resp:	91826
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.6	78.8
39	35.8	28.8	43.2



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





#57

1,3-Dichloropropane

Concen: 20.856 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

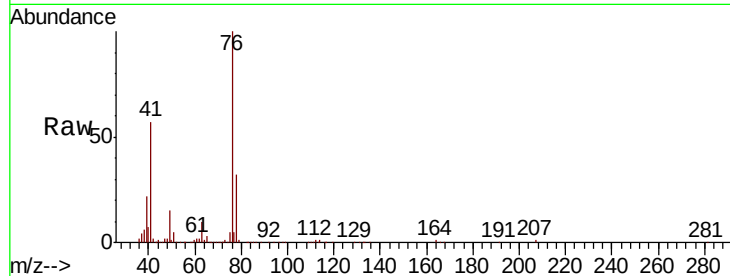
VX0716WBSD01

Tot Ion: 76 Resp: 115078

Ion Ratio Lower Upper

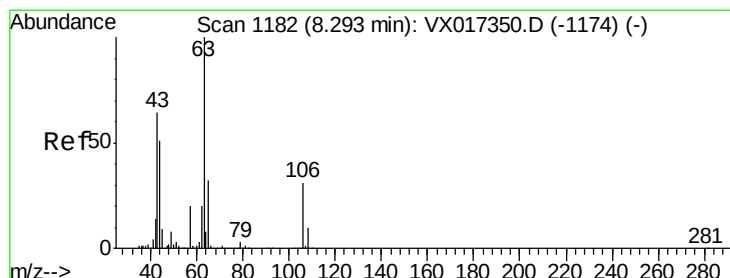
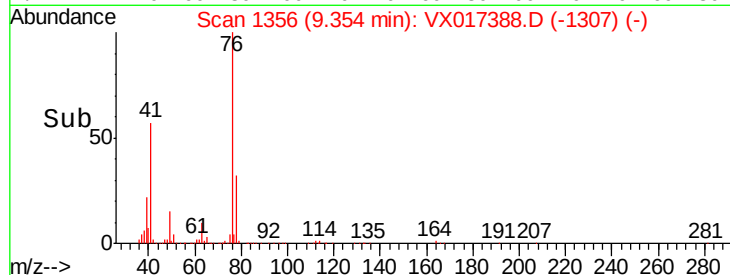
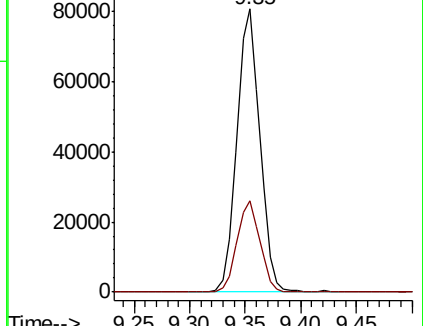
76 100

78 32.5 25.8 38.6



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: 107.735 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017388.D

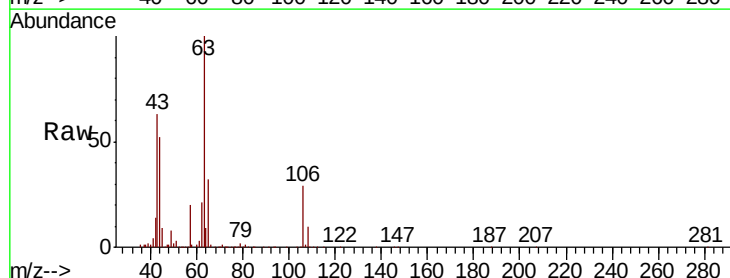
Acq: 16 Jul 2020 14:11

Tgt Ion: 63 Resp: 257622

Ion Ratio Lower Upper

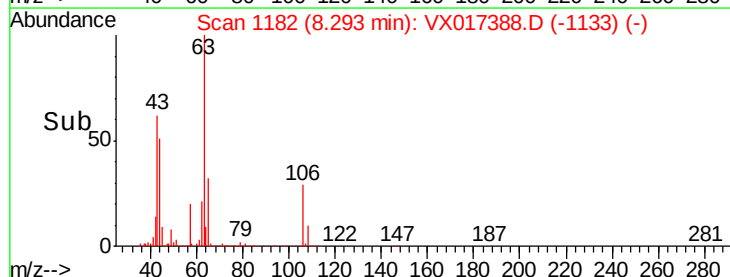
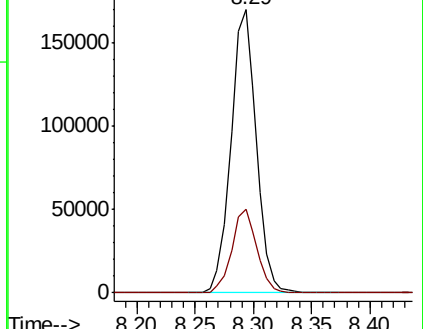
63 100

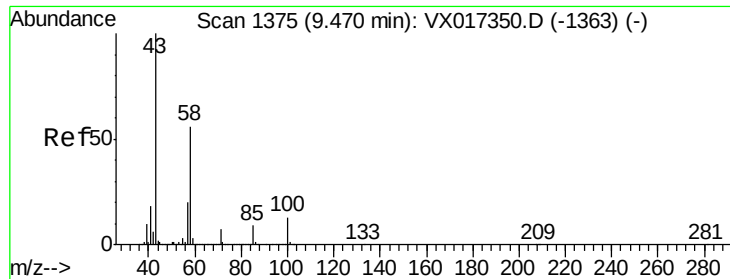
106 29.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

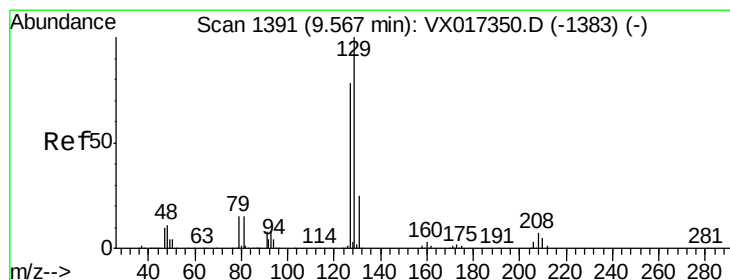
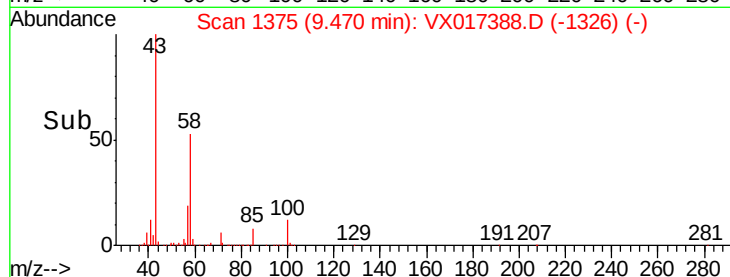
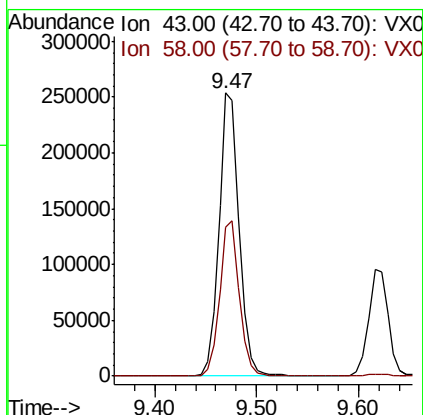
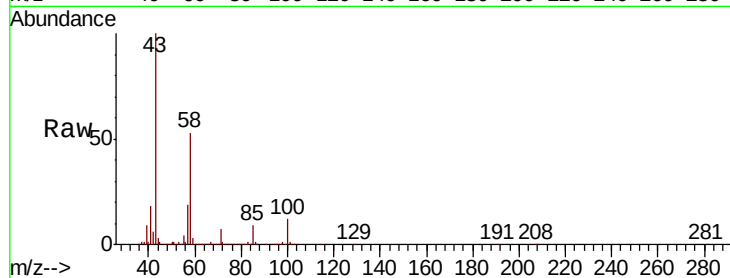




#59
2-Hexanone
Concen: 106.712 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

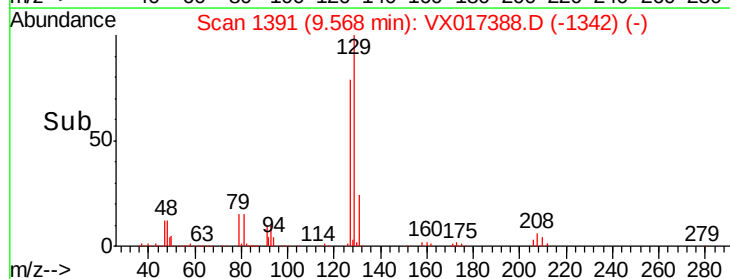
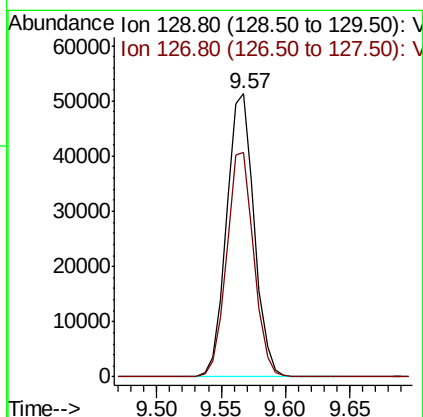
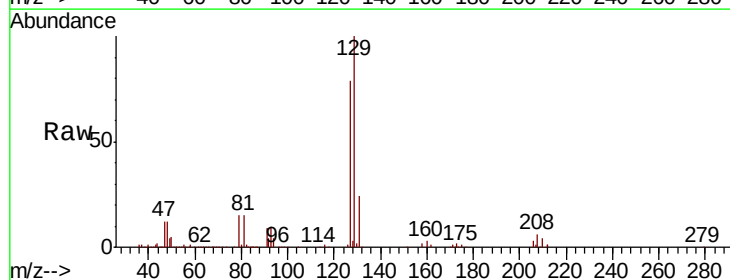
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

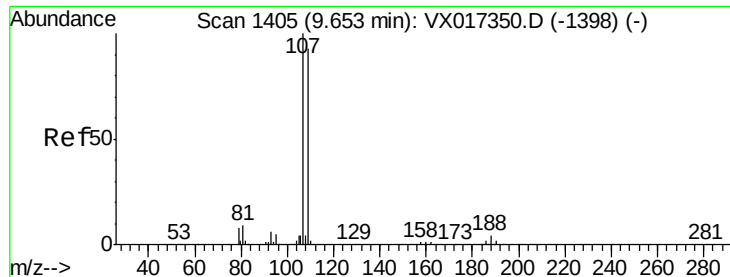
Tot Ion: 43 Resp: 350054
Ion Ratio Lower Upper
43 100
58 53.6 28.1 84.3



#60
Dibromochloromethane
Concen: 19.060 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion: 129 Resp: 77238
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6

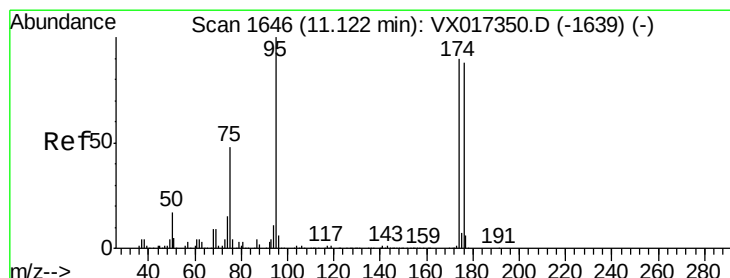
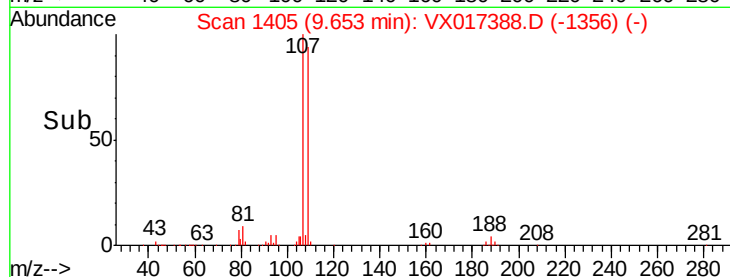
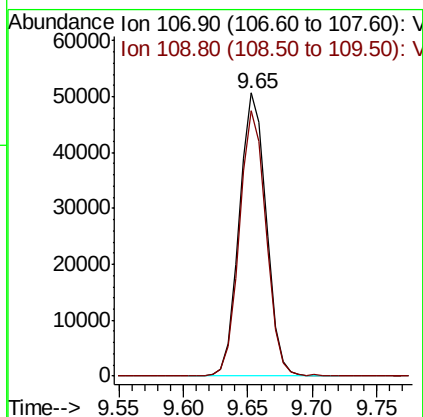
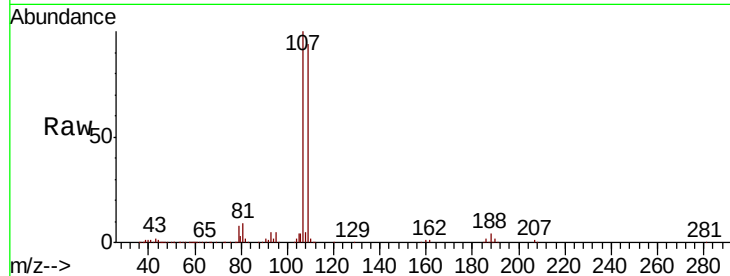




#61
 1,2-Dibromoethane
 Concen: 20.345 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

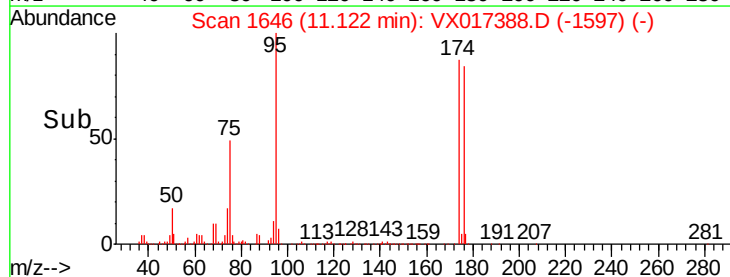
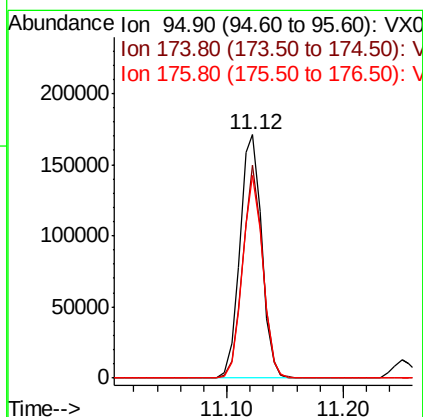
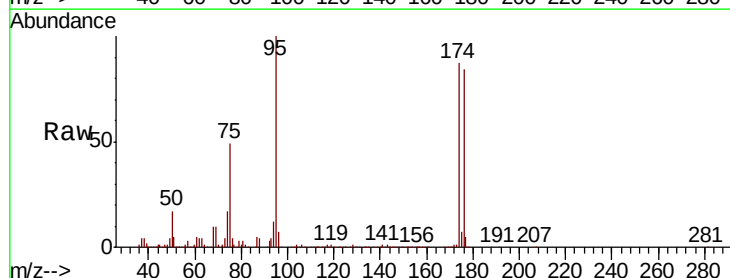
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

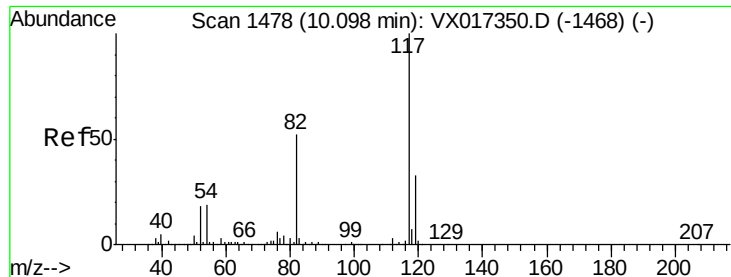
Tot Ion: 107 Resp: 73418
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 49.280 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion: 95 Resp: 223048
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 175.8
 176 78.4 0.0 164.6

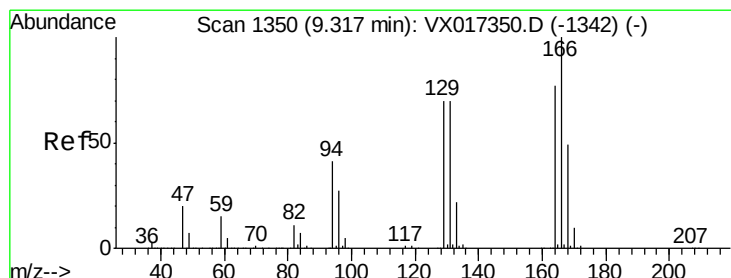
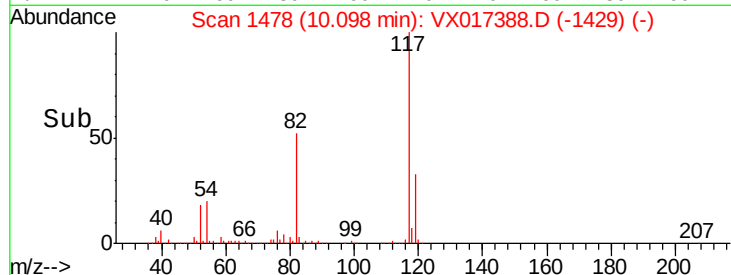
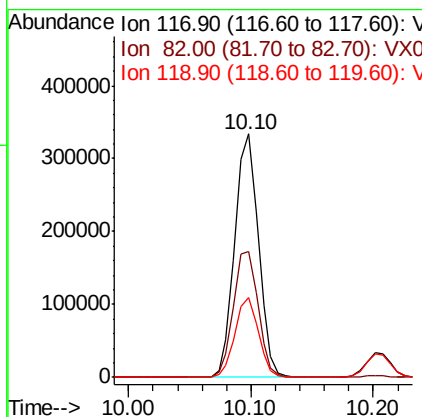
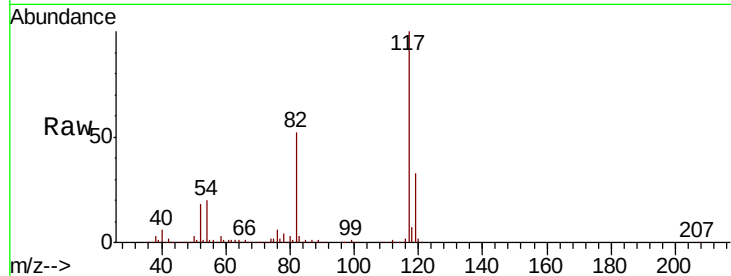




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

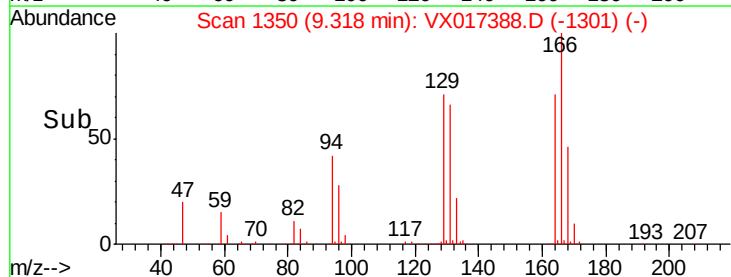
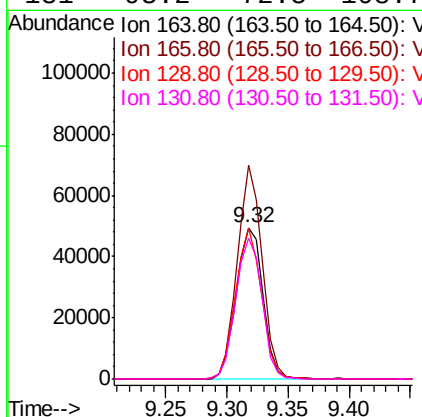
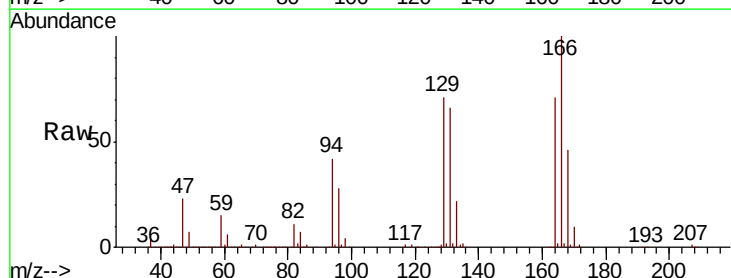
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

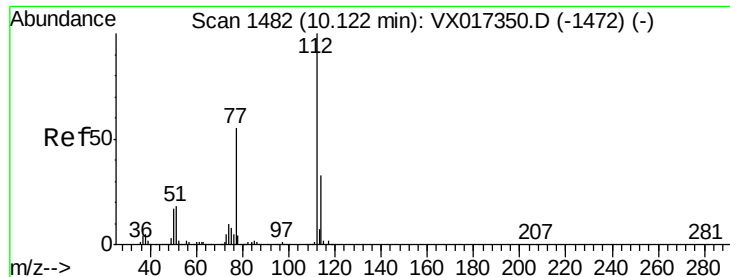
Tot Ion:117 Resp: 447166
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 32.9 26.3 39.5



#64
Tetrachloroethene
Concen: 19.225 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion:164 Resp: 74406
Ion Ratio Lower Upper
164 100
166 140.9 103.9 155.9
129 99.8 72.9 109.3
131 93.2 72.5 108.7

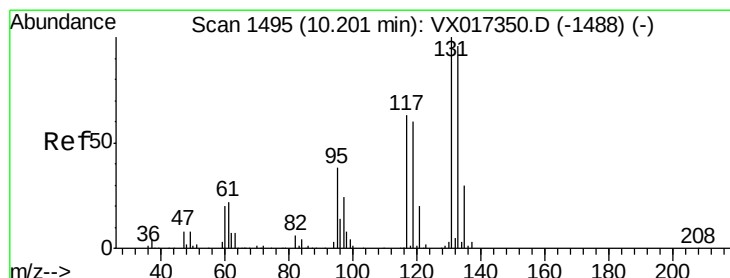
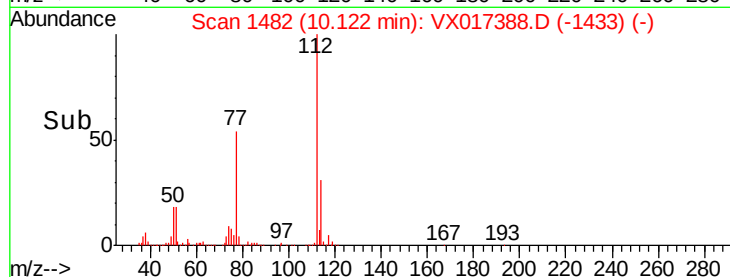
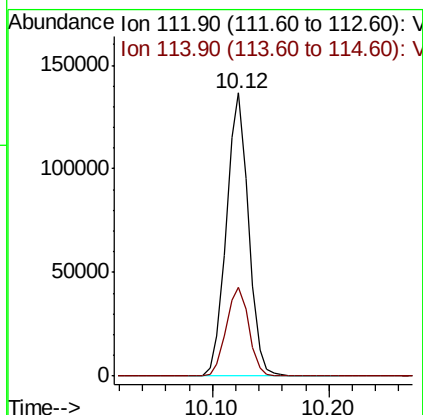
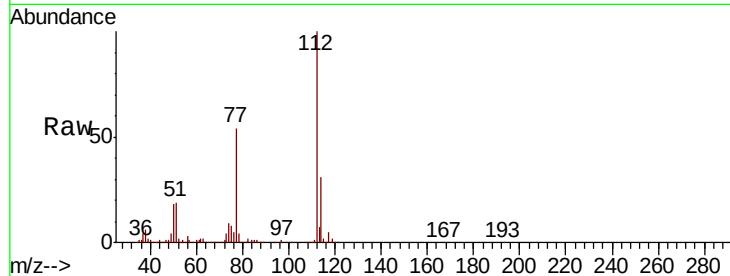




#65
Chlorobenzene
Concen: 19.801 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

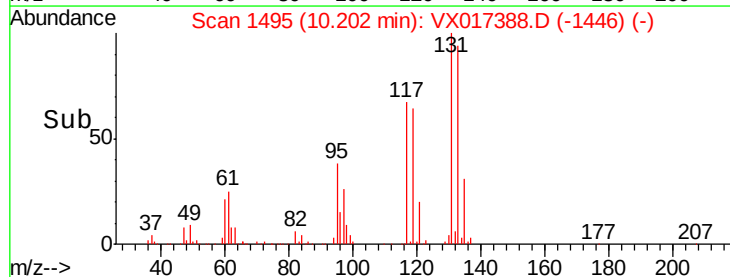
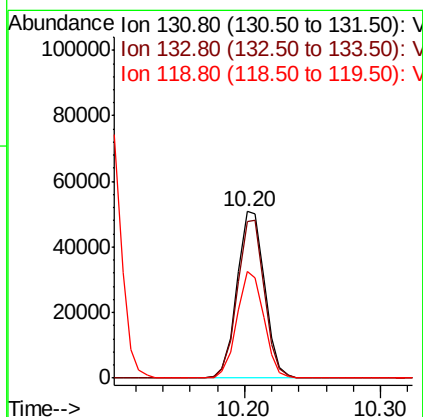
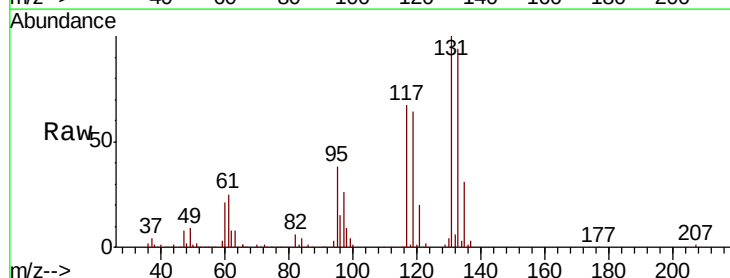
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

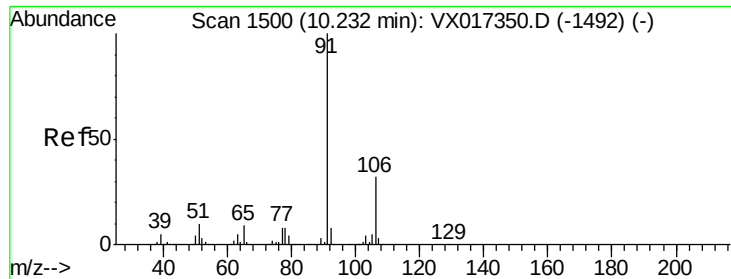
Tot Ion:112 Resp: 179938
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.813 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion:131 Resp: 71684
Ion Ratio Lower Upper
131 100
133 93.3 48.4 145.2
119 62.9 31.2 93.6

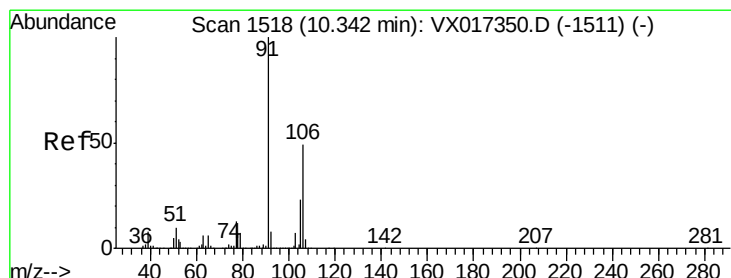
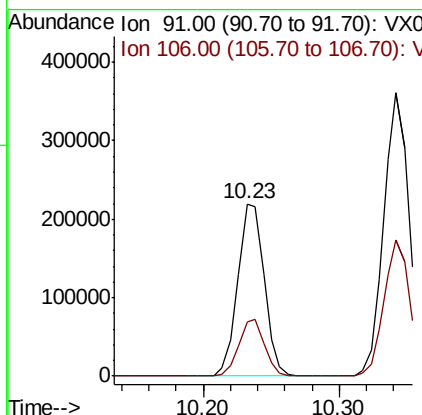
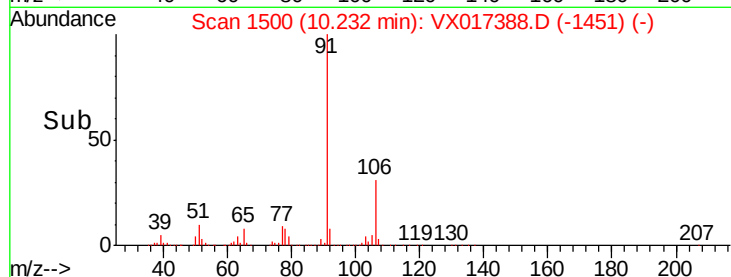
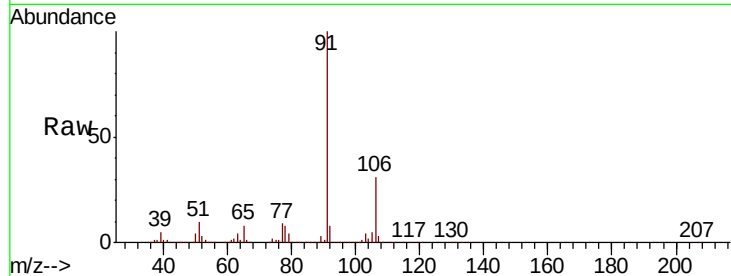




#67
Ethyl Benzene
Concen: 19.742 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

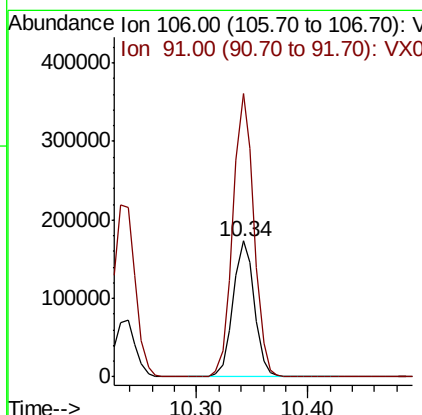
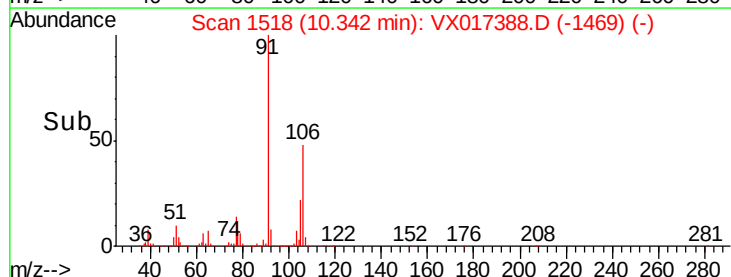
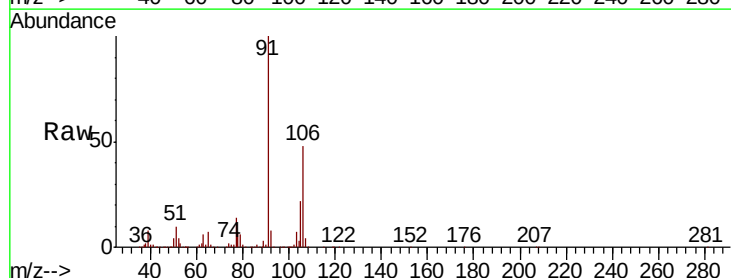
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

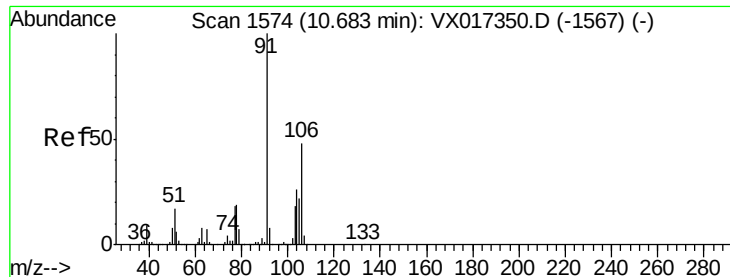
Tot Ion: 91 Resp: 298656
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5



#68
m/p-Xylenes
Concen: 39.898 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion: 106 Resp: 229652
Ion Ratio Lower Upper
106 100
91 205.1 162.5 243.7

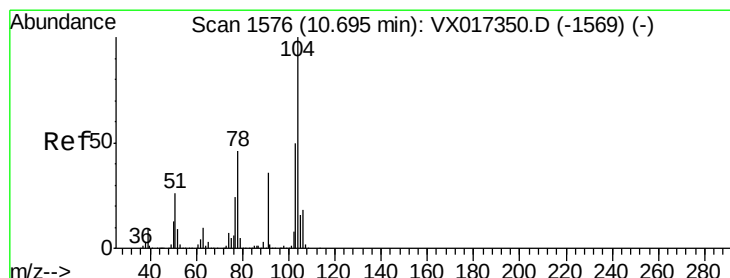
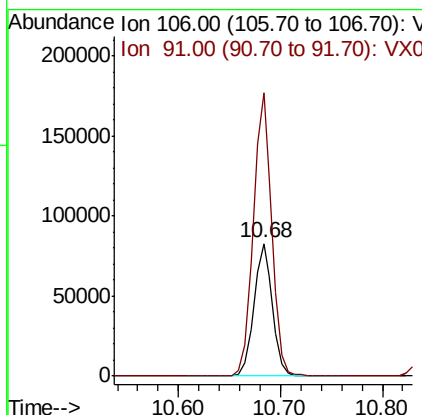
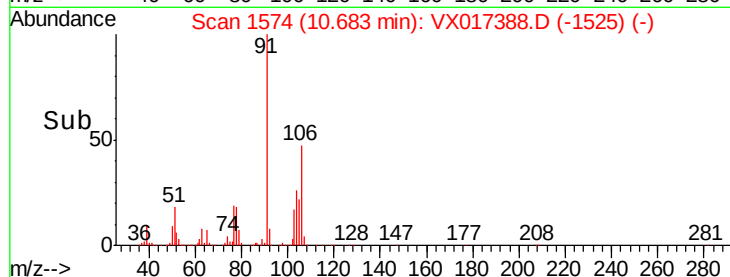
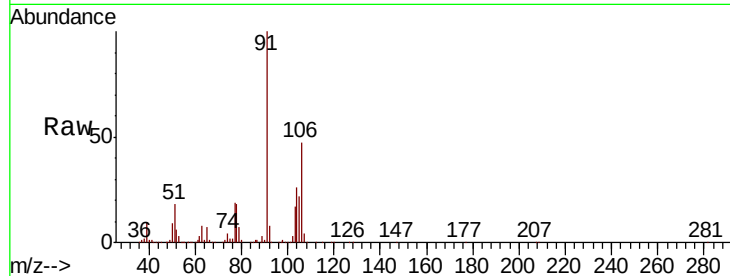




#69
o-Xylene
Concen: 19.158 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

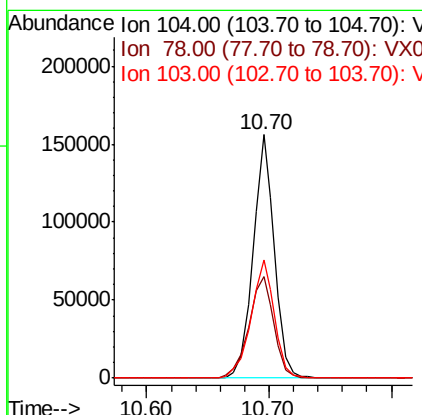
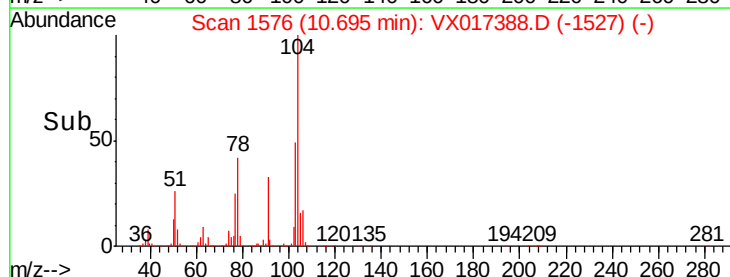
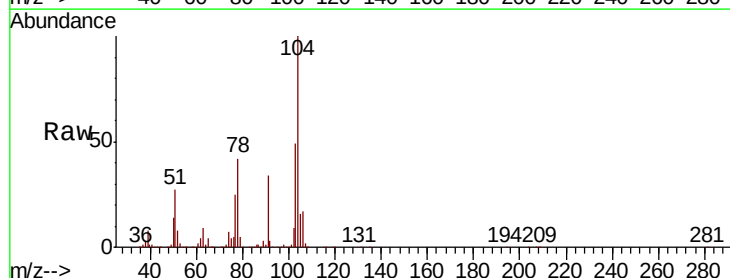
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

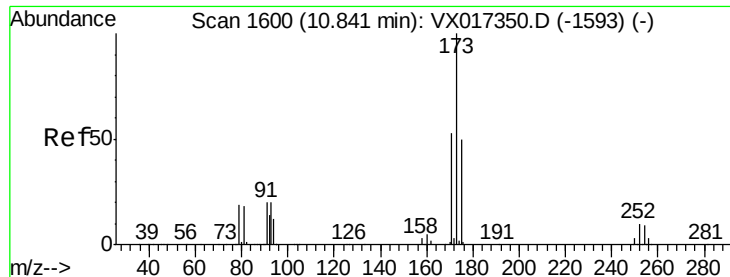
Tot Ion:106 Resp: 105371
Ion Ratio Lower Upper
106 100
91 212.5 106.1 318.1



#70
Styrene
Concen: 20.066 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion:104 Resp: 189441
Ion Ratio Lower Upper
104 100
78 48.8 40.8 61.2
103 53.7 43.3 64.9





#71

Bromoform

Concen: 18.839 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

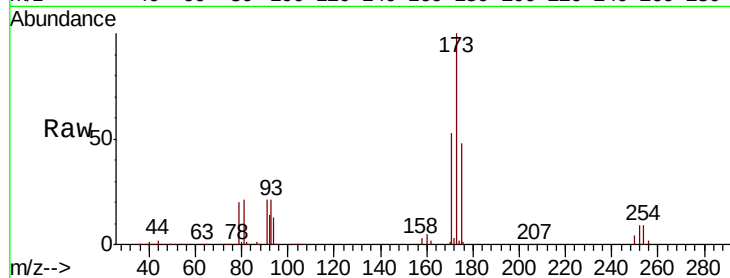
Tot Ion:173 Resp: 57517

Ion Ratio Lower Upper

173 100

175 48.2 24.7 74.1

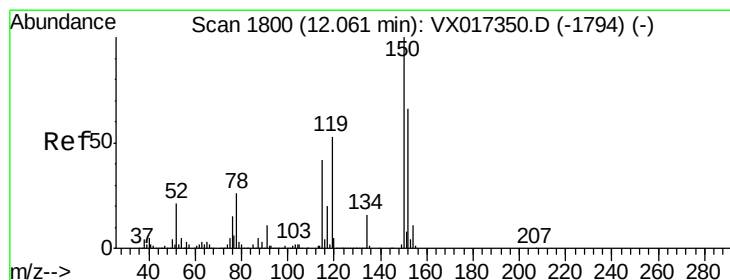
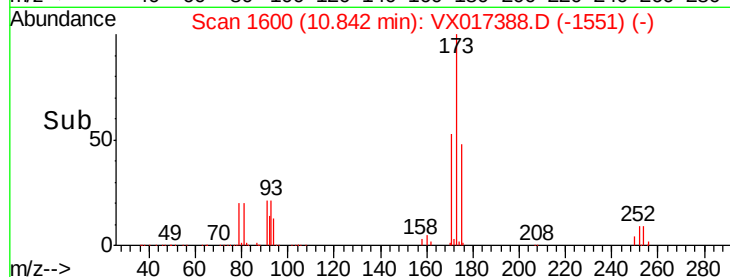
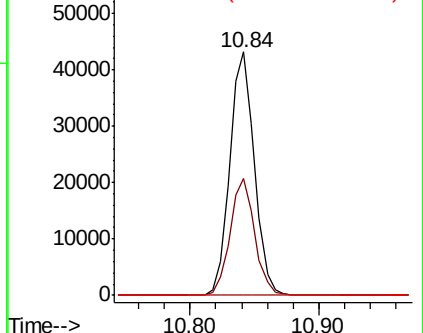
254 0.0 0.1 0.1#



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: VX017388.D

Acq: 16 Jul 2020 14:11

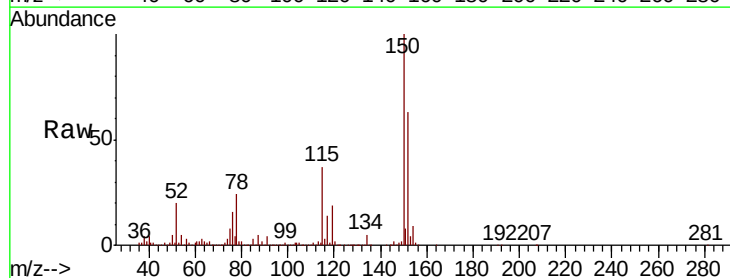
Tgt Ion:152 Resp: 242307

Ion Ratio Lower Upper

152 100

115 65.8 39.9 119.7

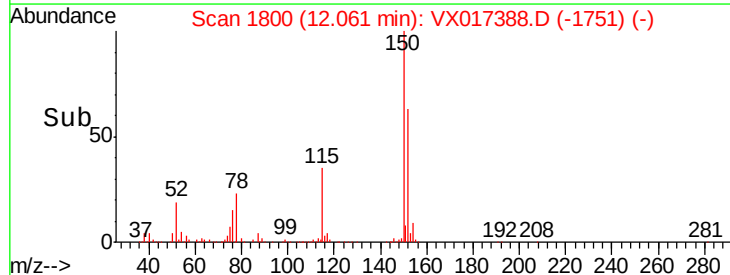
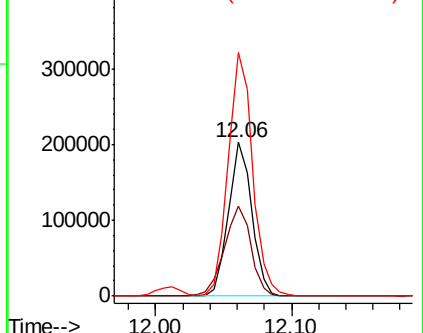
150 165.5 0.0 343.4

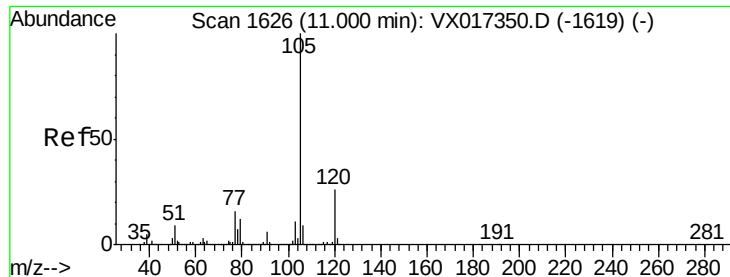


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.093 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

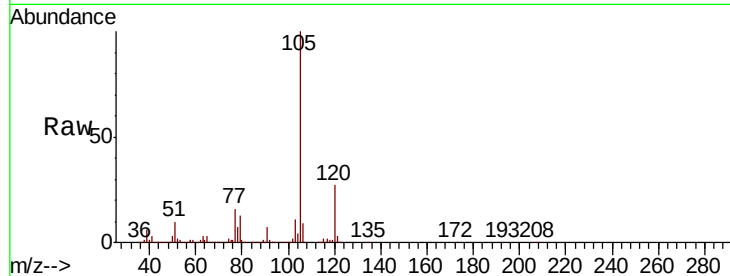
VX0716WBSD01

Tot Ion:105 Resp: 290017

Ion Ratio Lower Upper

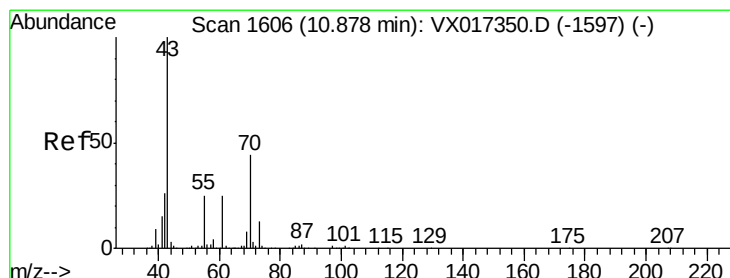
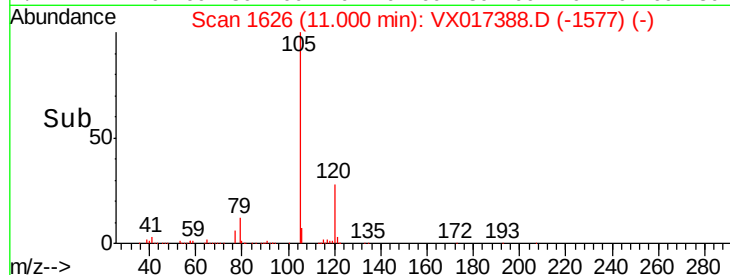
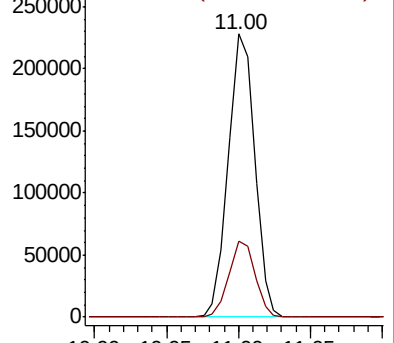
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.094 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion: 43 Resp: 122138

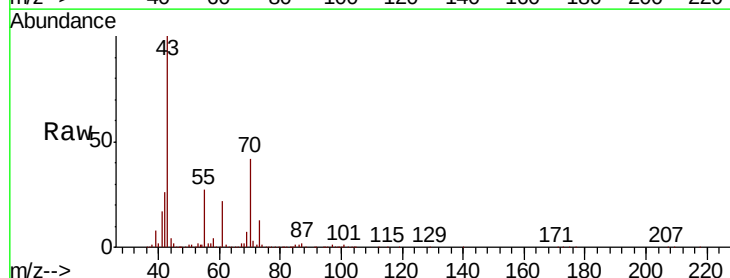
Ion Ratio Lower Upper

43 100

70 42.8 35.7 53.5

55 26.1 20.3 30.5

61 24.2 20.0 30.0

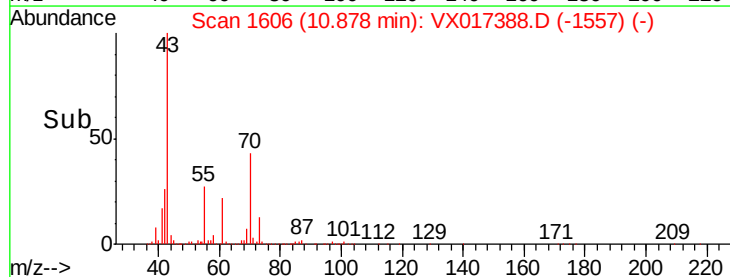
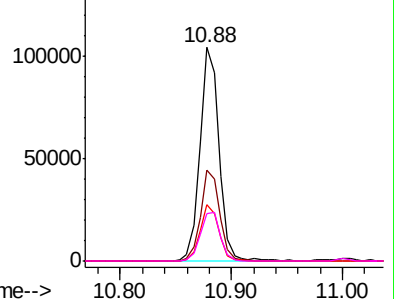


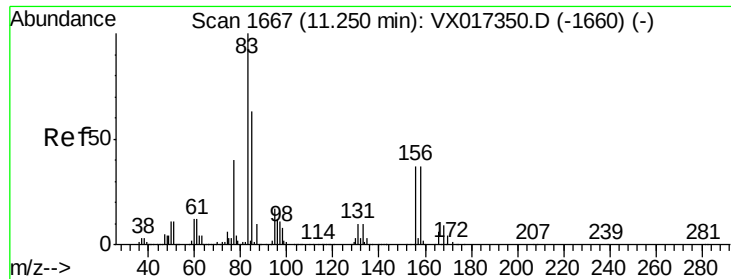
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.347 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

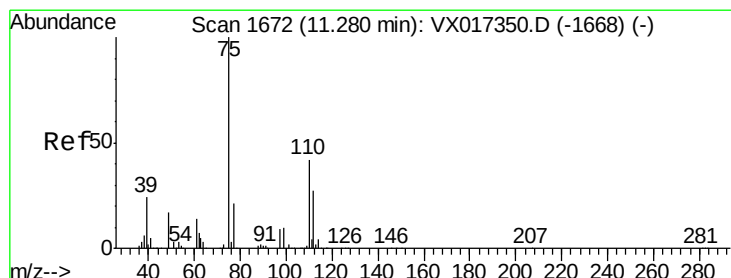
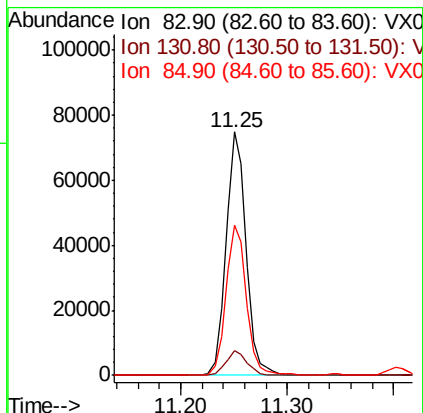
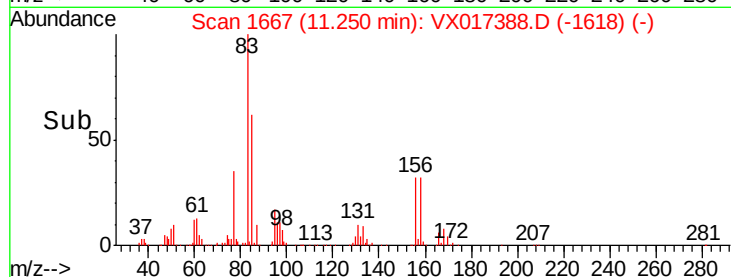
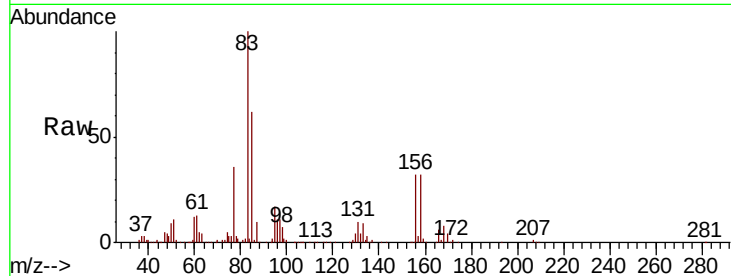
Tot Ion: 83 Resp: 98449

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.7

85 62.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 27.305 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017388.D

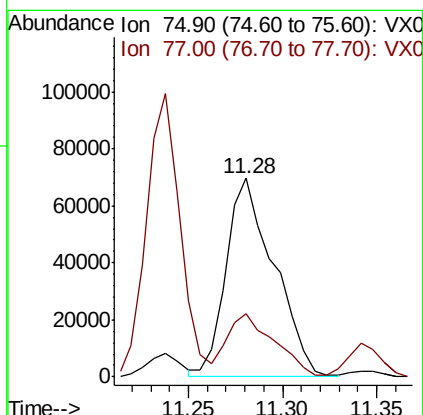
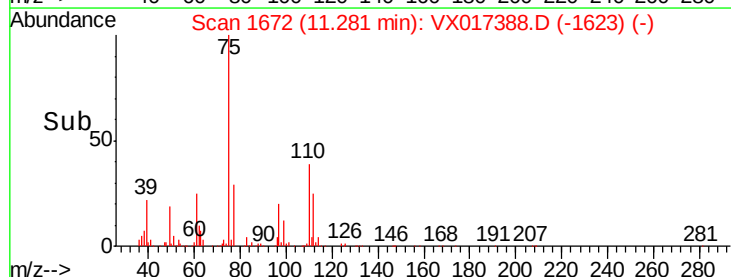
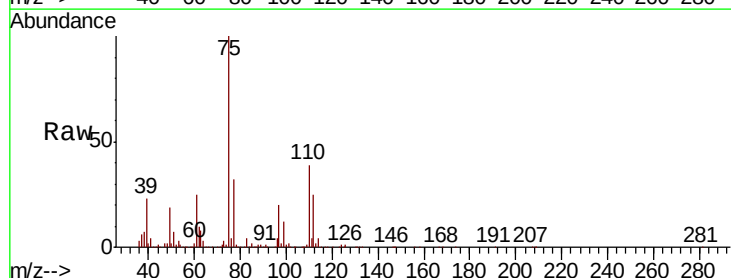
Acq: 16 Jul 2020 14:11

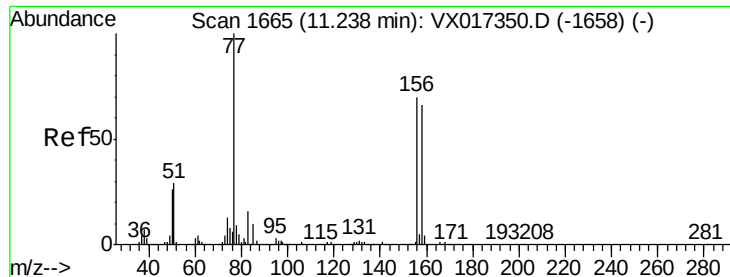
Tgt Ion: 75 Resp: 122258

Ion Ratio Lower Upper

75 100

77 31.4 20.3 60.9





#77

Bromobenzene

Concen: 18.900 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

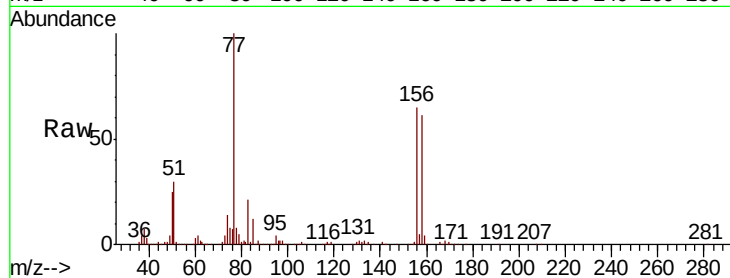
Tot Ion:156 Resp: 81767

Ion Ratio Lower Upper

156 100

77 151.9 72.1 216.3

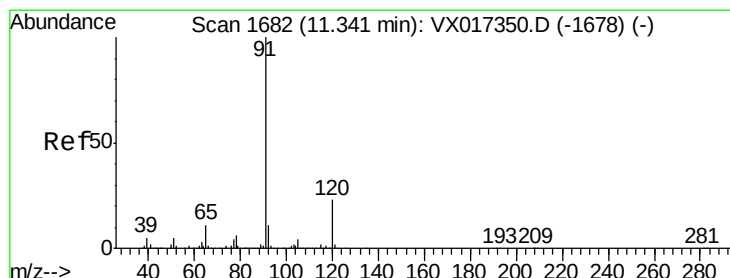
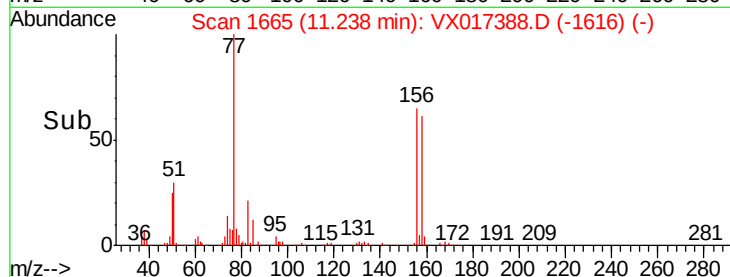
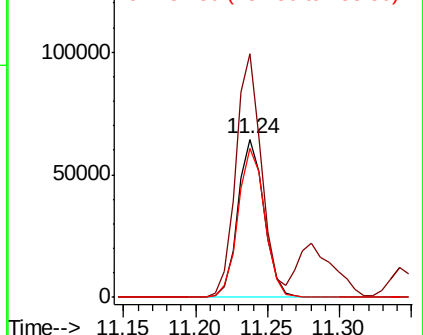
158 95.7 47.4 142.3



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: 20.025 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017388.D

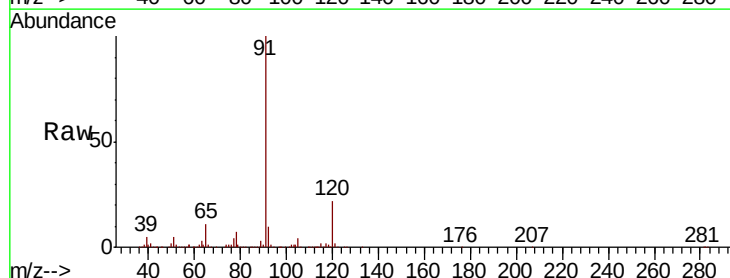
Acq: 16 Jul 2020 14:11

Tgt Ion: 91 Resp: 341601

Ion Ratio Lower Upper

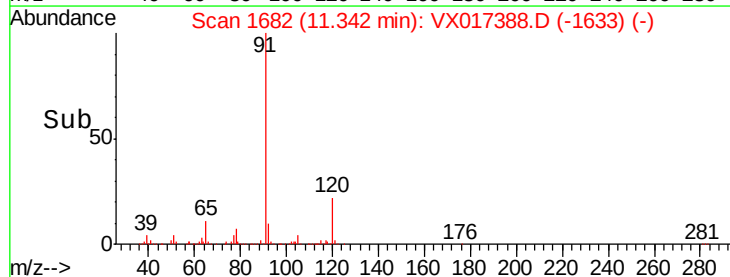
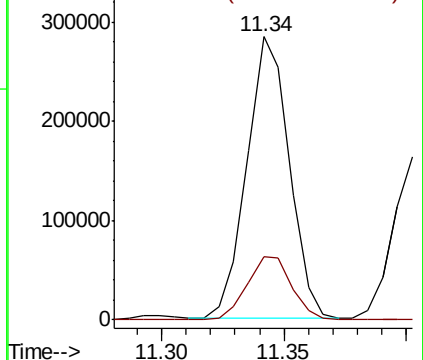
91 100

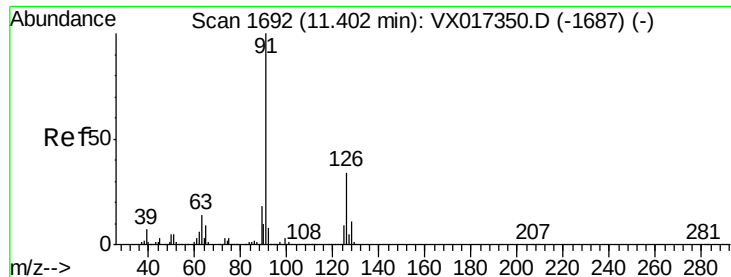
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.734 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

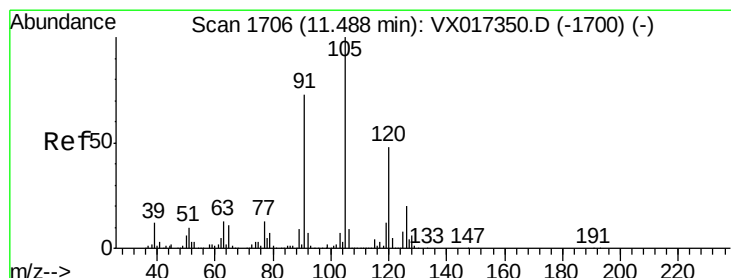
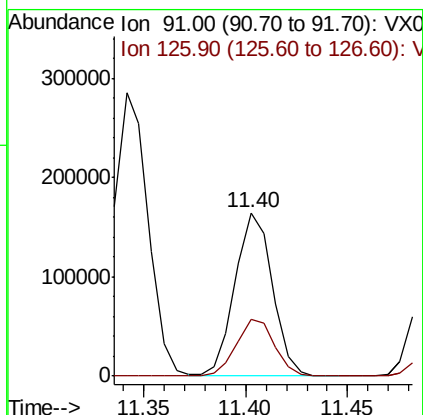
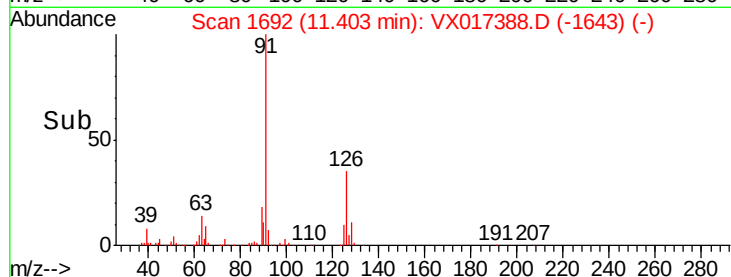
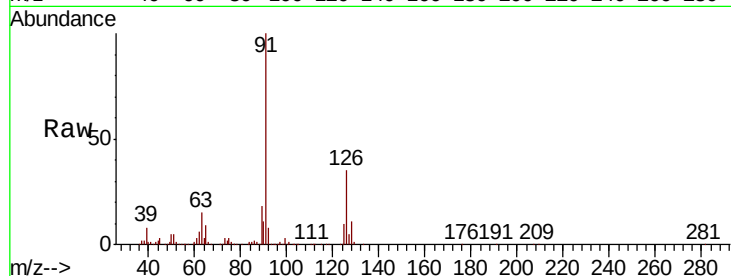
VX0716WBSD01

Tot Ion: 91 Resp: 207451

Ion Ratio Lower Upper

91 100

126 35.6 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 19.517 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017388.D

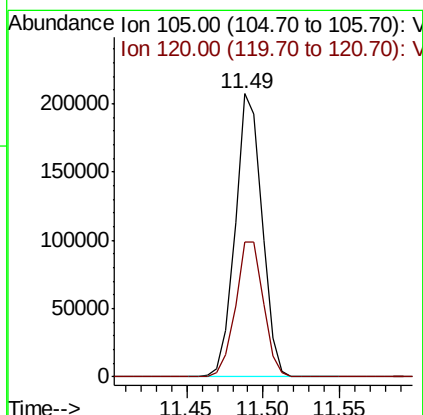
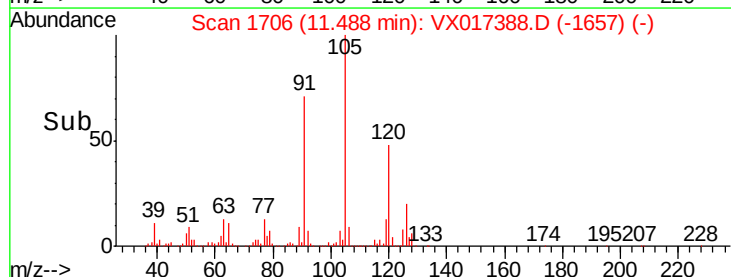
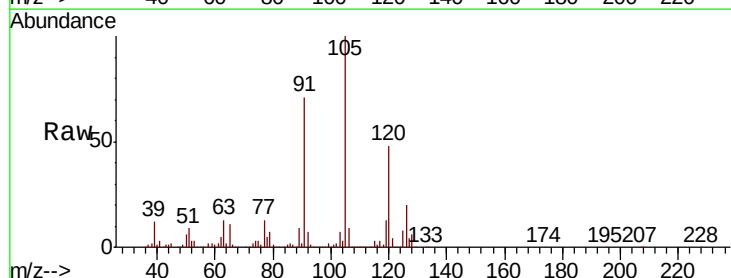
Acq: 16 Jul 2020 14:11

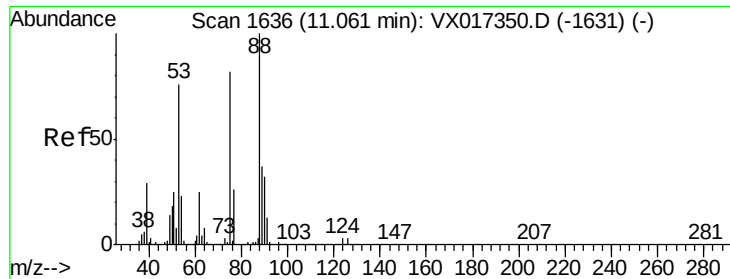
Tgt Ion:105 Resp: 251641

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.515 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

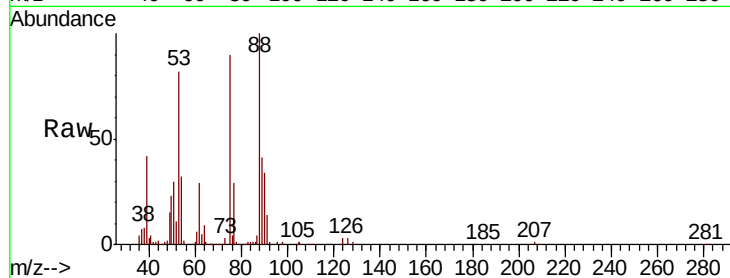
Tot Ion: 75 Resp: 32679

Ion Ratio Lower Upper

75 100

53 97.2 76.5 114.7

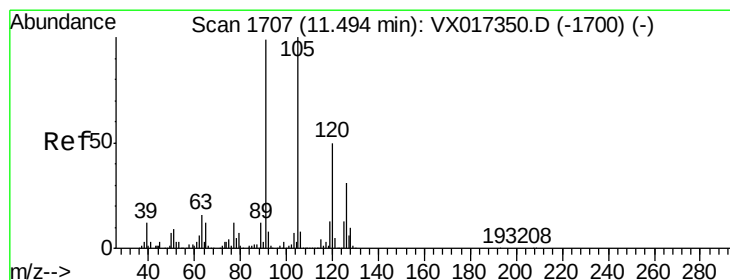
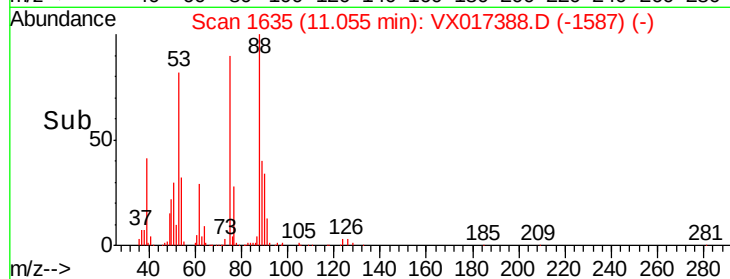
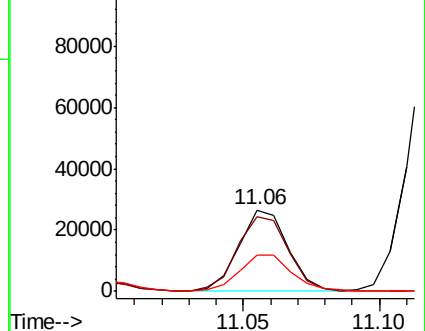
89 49.6 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.719 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017388.D

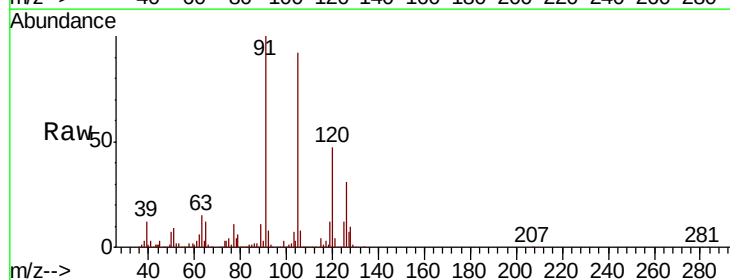
Acq: 16 Jul 2020 14:11

Tgt Ion: 91 Resp: 245671

Ion Ratio Lower Upper

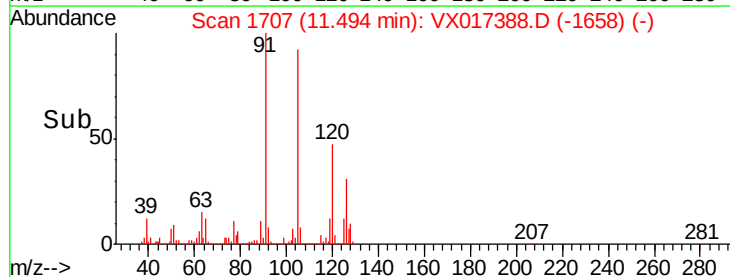
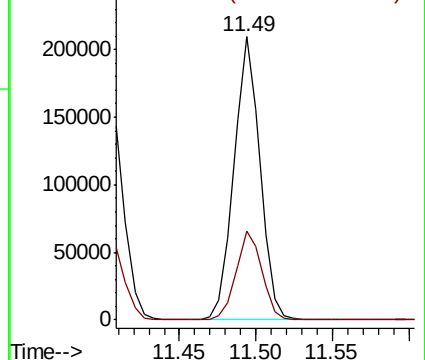
91 100

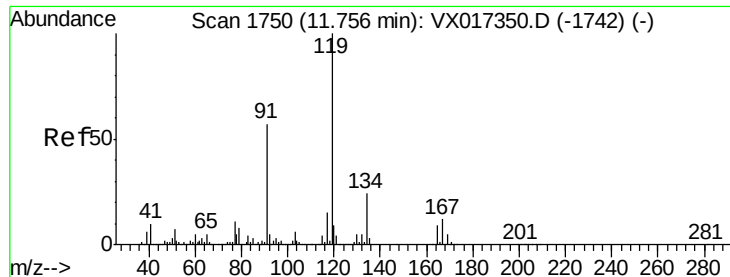
126 31.4 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.467 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

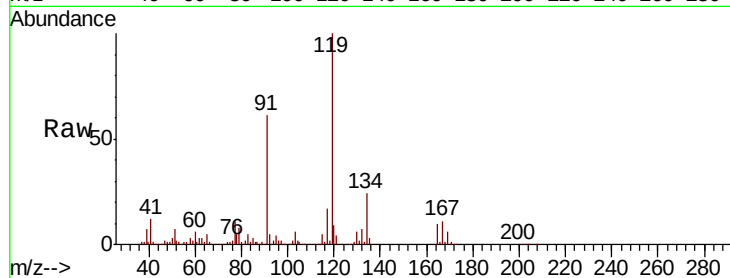
Tot Ion:119 Resp: 230168

Ion Ratio Lower Upper

119 100

91 59.0 28.5 85.6

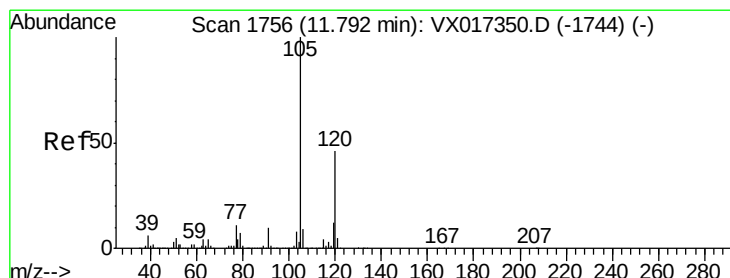
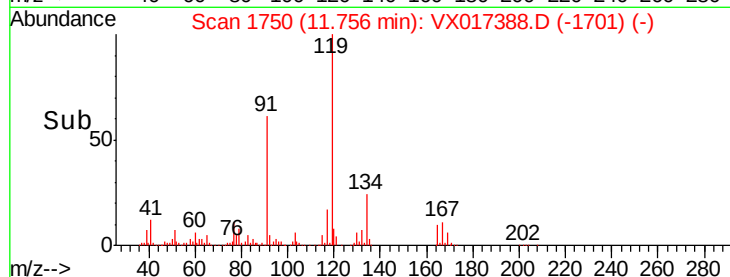
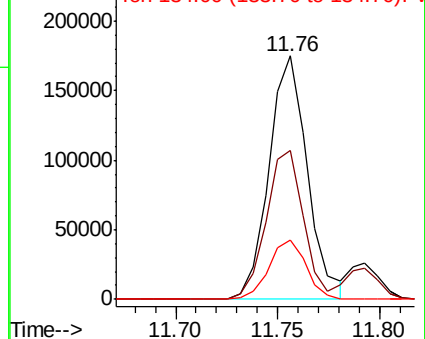
134 23.9 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.554 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017388.D

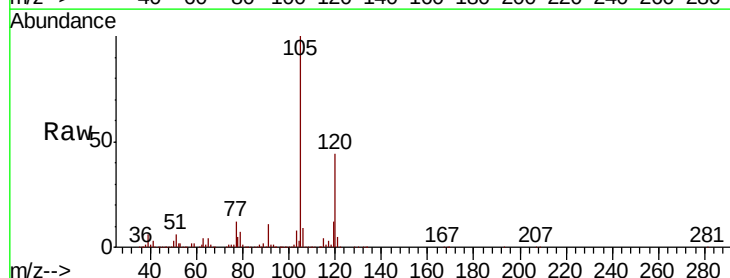
Acq: 16 Jul 2020 14:11

Tgt Ion:105 Resp: 254711

Ion Ratio Lower Upper

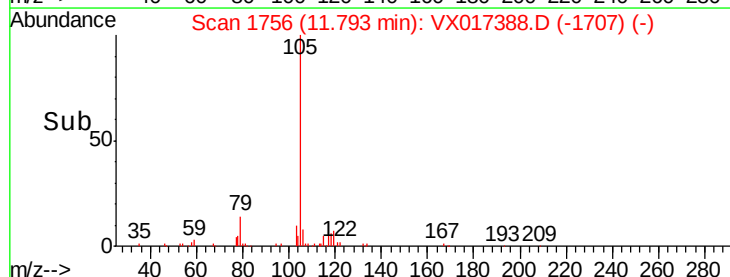
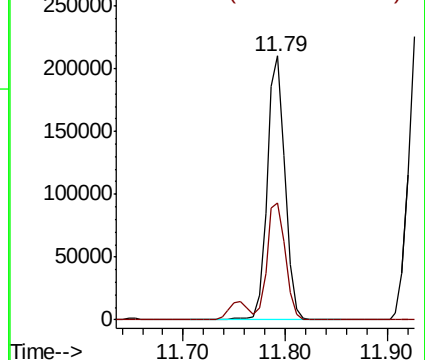
105 100

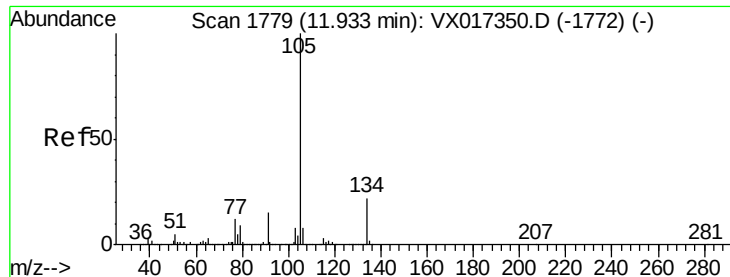
120 45.6 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.119 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

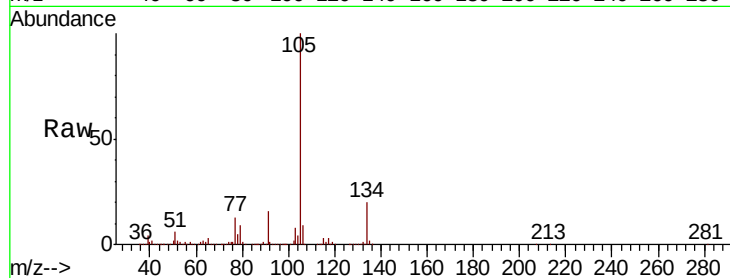
VX0716WBSD01

Tot Ion:105 Resp: 278984

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

250000

200000

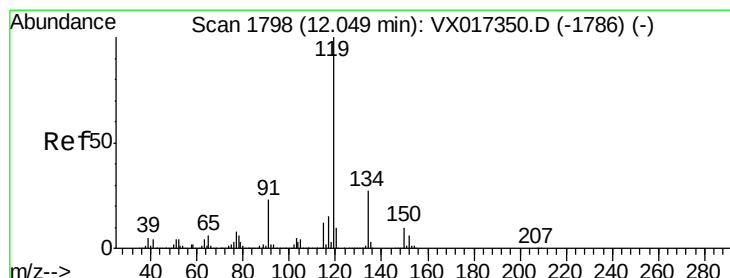
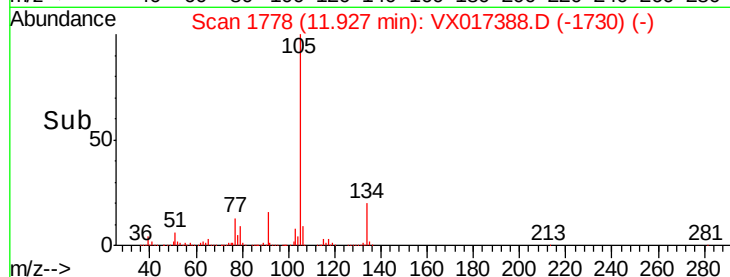
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.071 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

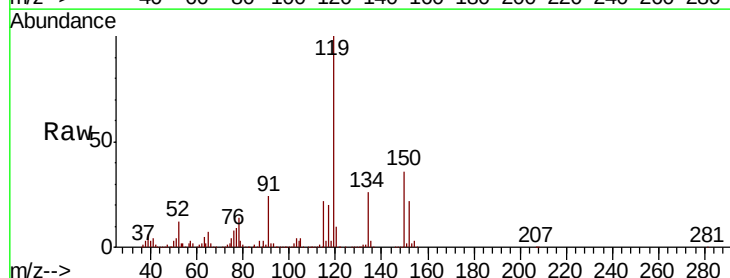
Tgt Ion:119 Resp: 263320

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.5

91 24.4 11.8 35.3



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

300000

250000

200000

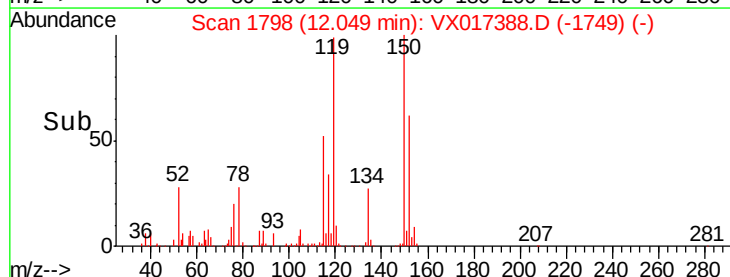
150000

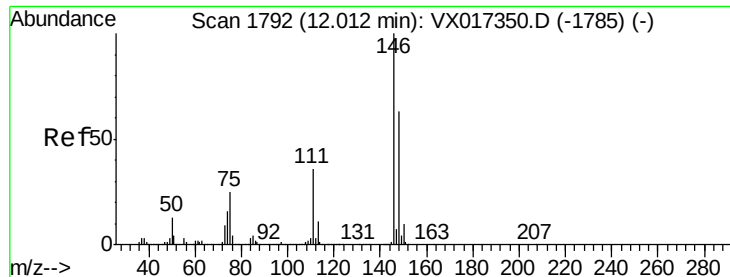
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.456 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

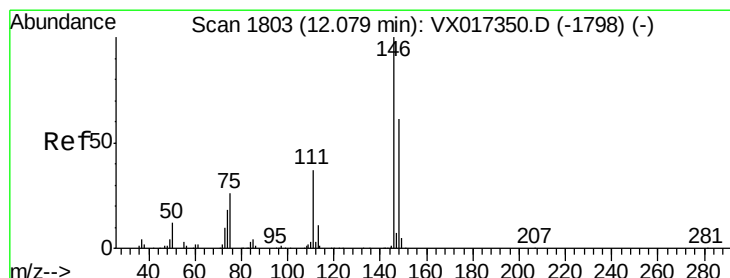
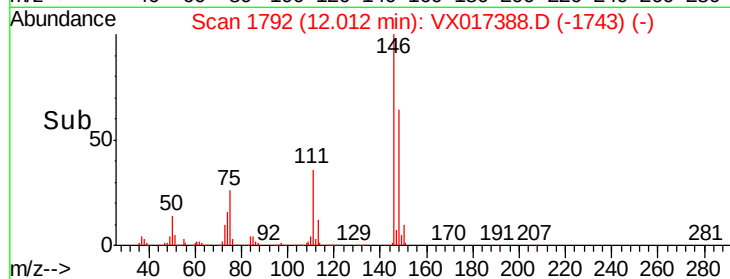
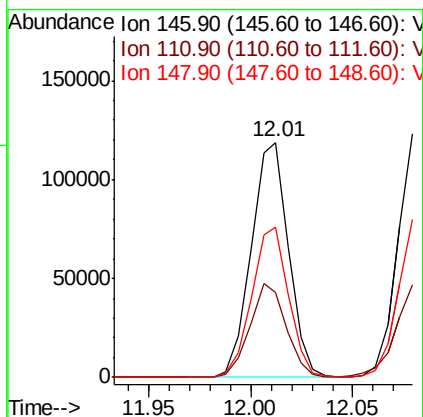
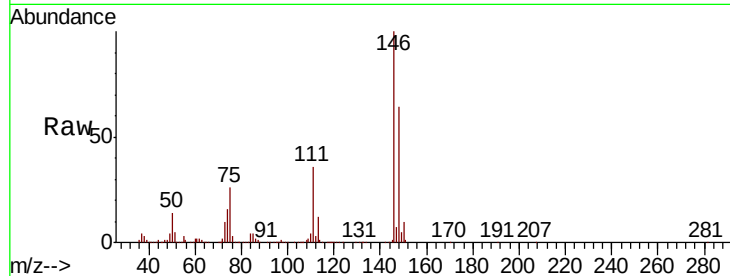
Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion:146 Resp: 150574

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.2	57.6
148	63.5	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 19.337 ug/l

RT: 12.08 min Scan# 1803

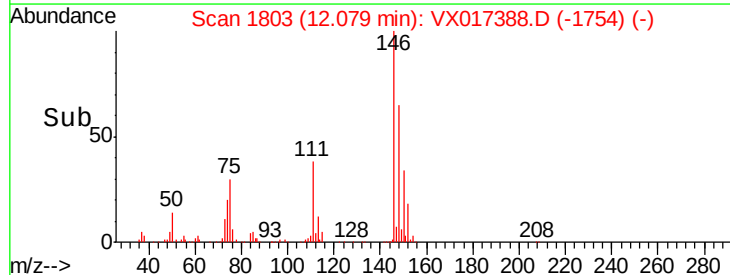
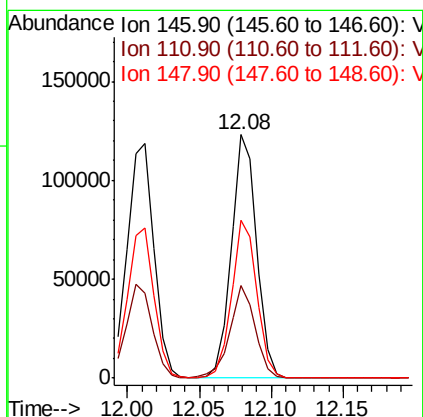
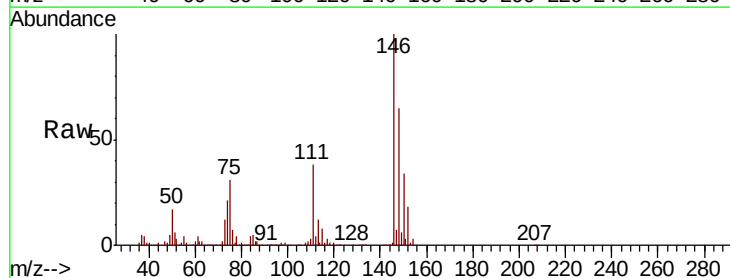
Delta R.T. 0.00 min

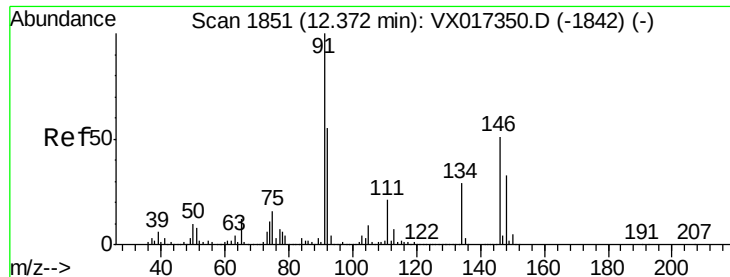
Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:146 Resp: 151195

Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.9	31.9	95.9





#89

n-Butylbenzene

Concen: 19.448 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleID :

VX0716WBSD01

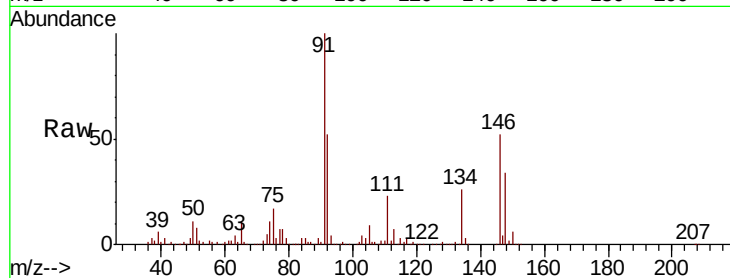
Tot Ion: 91 Resp: 229011

Ion Ratio Lower Upper

91 100

92 53.2 27.0 81.0

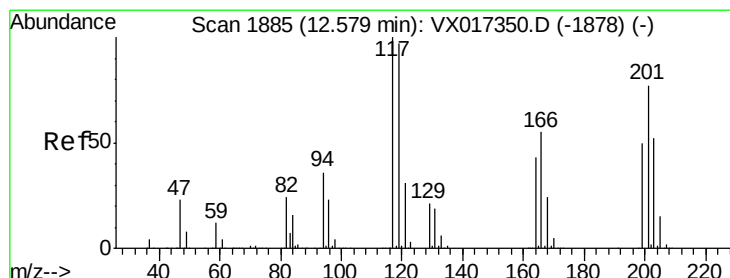
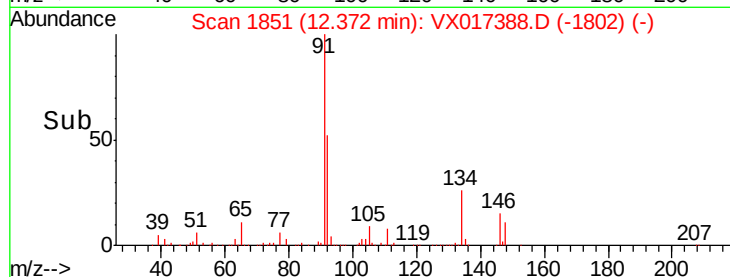
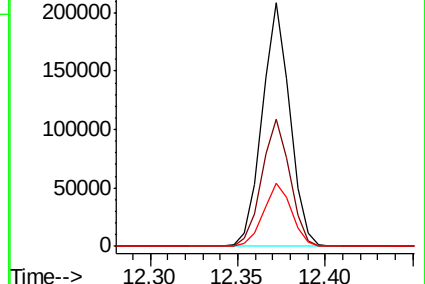
134 26.3 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.047 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017388.D

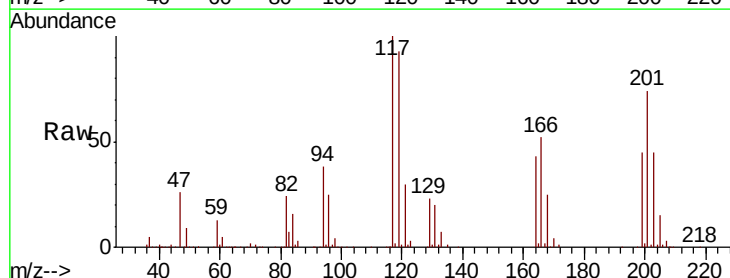
Acq: 16 Jul 2020 14:11

Tgt Ion: 117 Resp: 52549

Ion Ratio Lower Upper

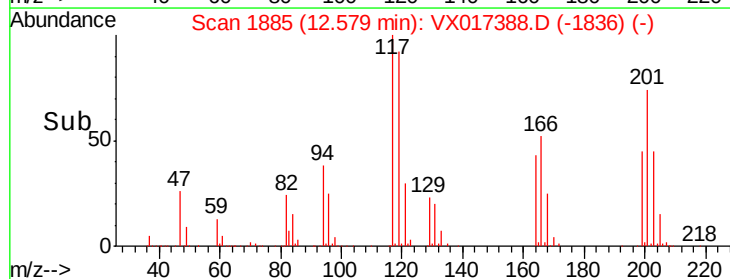
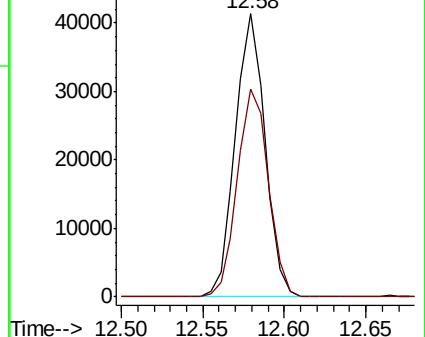
117 100

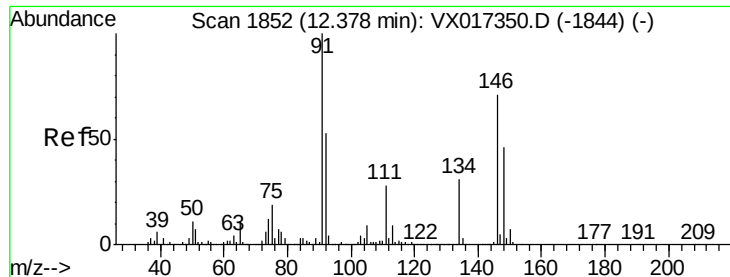
201 77.1 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.404 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

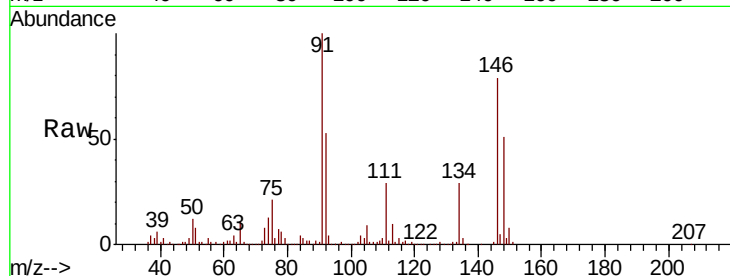
Tot Ion:146 Resp: 141117

Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

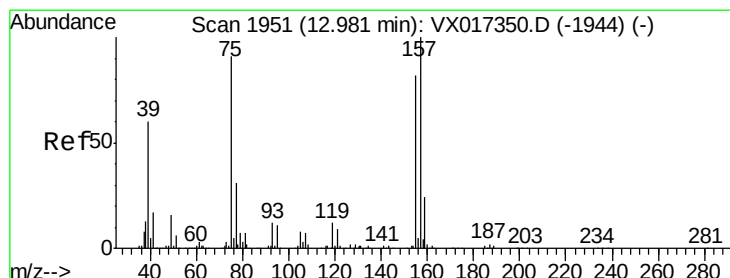
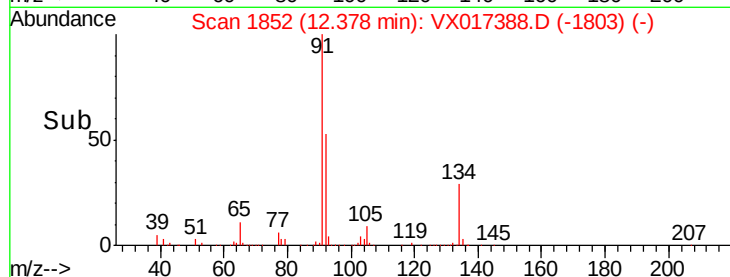
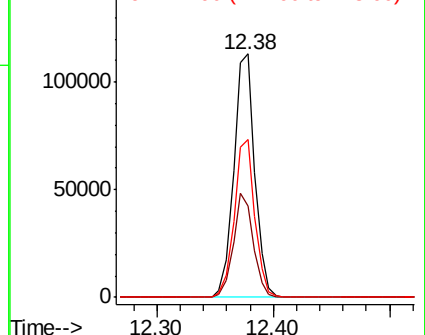
148 63.7 32.0 96.0



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: 17.967 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

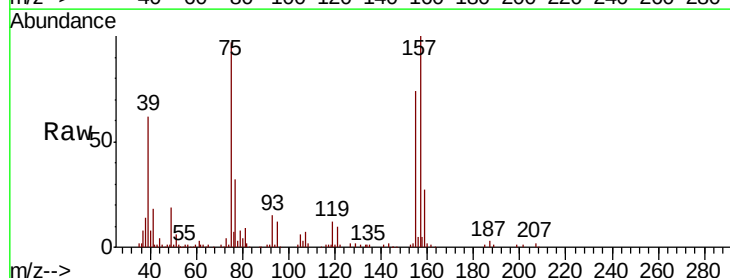
Tgt Ion: 75 Resp: 21864

Ion Ratio Lower Upper

75 100

155 82.3 46.5 139.3

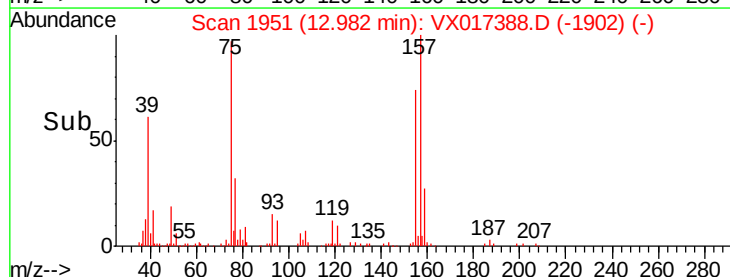
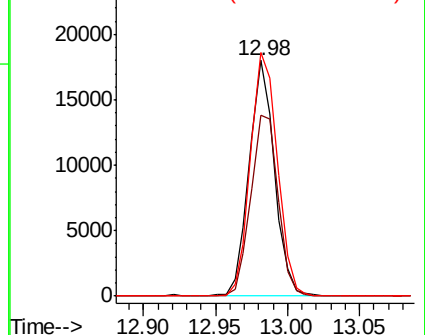
157 109.5 58.0 173.9

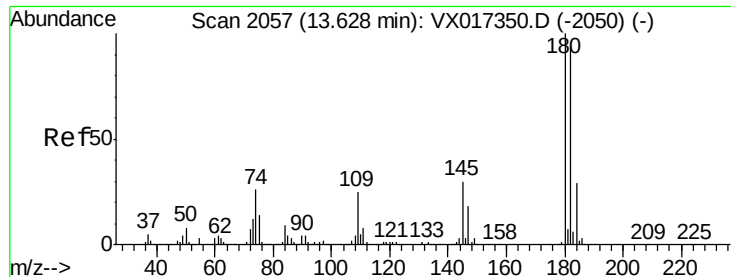


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

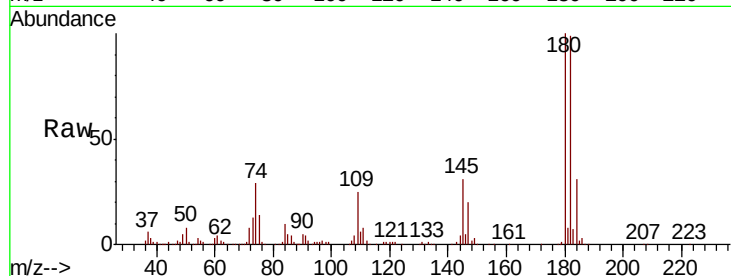




#93
 1,2,4-Trichlorobenzene
 Concen: 17.096 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	48.4	145.0
145	31.4	15.3	45.8

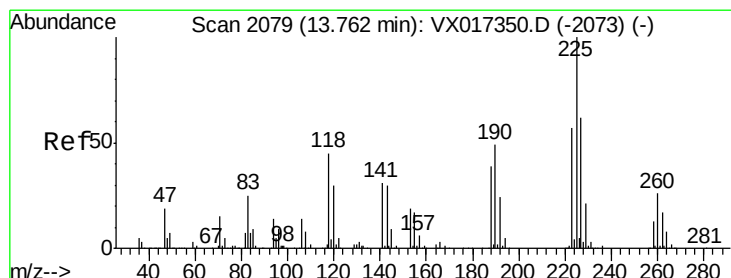
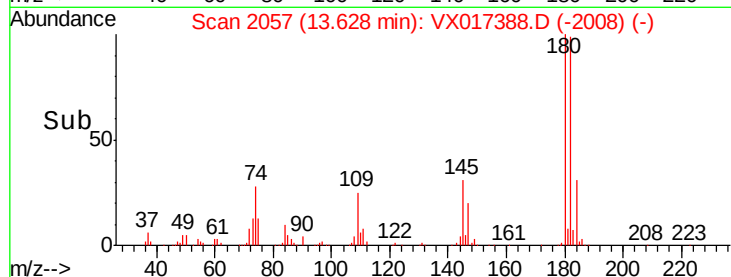
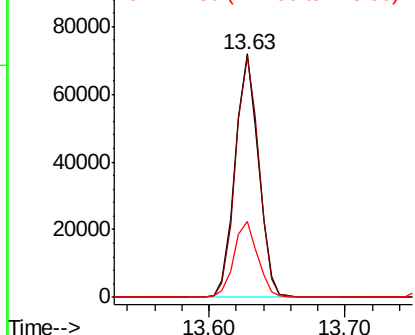


Abundance

Ion 179.80 (179.50 to 180.50): V

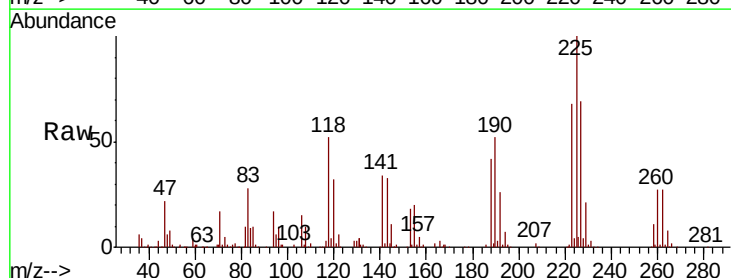
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.194 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.3	93.8
227	64.3	31.6	95.0

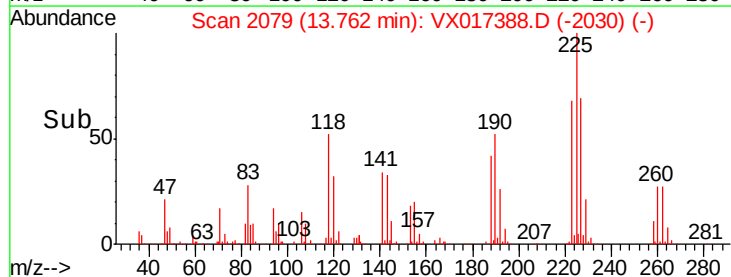
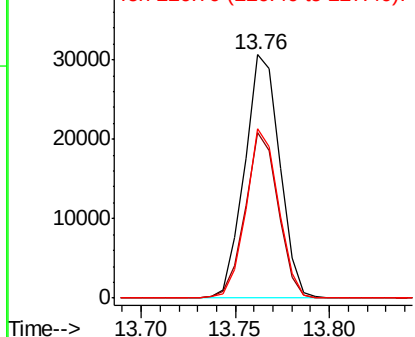


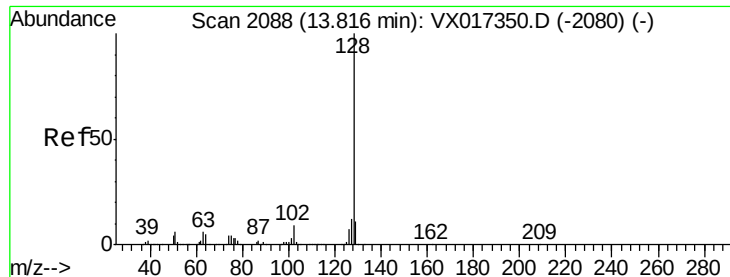
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

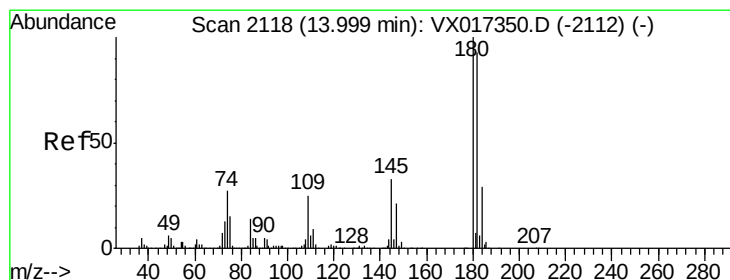
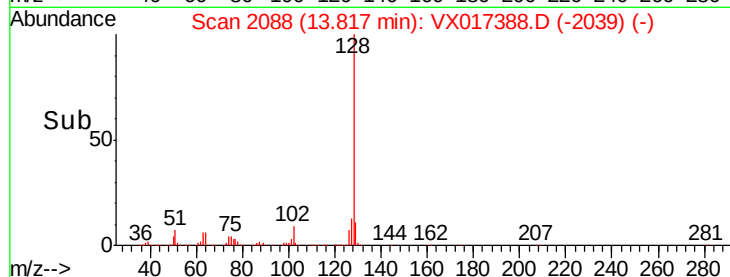
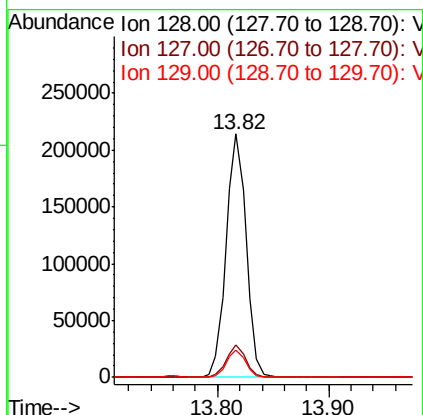
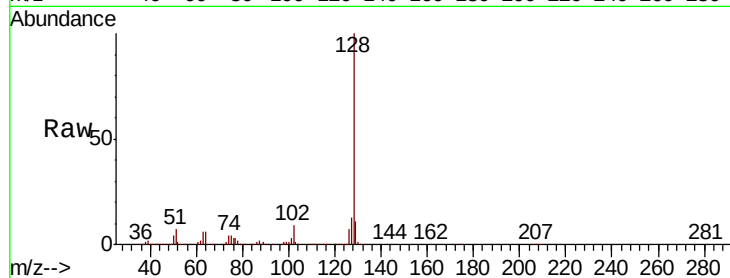




#95
Naphthalene
Concen: 17.984 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion:128 Resp: 266949
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.525 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion:180 Resp: 90341
Ion Ratio Lower Upper
180 100
182 92.9 48.8 146.3
145 31.5 16.6 49.7

