

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060820\
 Data File : VX016629.D
 Acq On : 08 Jun 2020 11:30
 Operator : JC/SP
 Sample : VX0608WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Quant Time: Jun 09 05:43:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	239967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	353768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	330750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168013	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	136815	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	5.46	113	109700	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.70	98	425235	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.12	95	161420	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	39481	16.72	ug/l	94
3) Chloromethane	1.32	50	45068	15.79	ug/l	100
4) Vinyl Chloride	1.39	62	48671	16.13	ug/l	96
5) Bromomethane	1.63	94	33292	22.69	ug/l	97
6) Chloroethane	1.71	64	31352	17.81	ug/l	100
7) Trichlorofluoromethane	1.92	101	76153	19.21	ug/l	99
8) Diethyl Ether	2.17	74	28620	17.32	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42505	19.49	ug/l	96
10) Methyl Iodide	2.49	142	39300	17.21	ug/l	100
11) Tert butyl alcohol	3.01	59	62899	82.31	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41849	18.12	ug/l	96
13) Acrolein	2.27	56	31327	96.37	ug/l	95
14) Allyl chloride	2.70	41	67404	15.87	ug/l	97
15) Acrylonitrile	3.11	53	126065	80.53	ug/l	99
16) Acetone	2.42	43	108129	82.82	ug/l	100
17) Carbon Disulfide	2.55	76	109318	15.94	ug/l	99
18) Methyl Acetate	2.75	43	57328	17.12	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	147295	17.76	ug/l	98
20) Methylene Chloride	2.84	84	47298	17.51	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	44530	17.44	ug/l	95
22) Diisopropyl ether	3.82	45	134115	16.44	ug/l	95
23) Vinyl Acetate	3.78	43	574523	80.46	ug/l	98
24) 1,1-Dichloroethane	3.67	63	80395	17.46	ug/l	99
25) 2-Butanone	4.64	43	171622	77.57	ug/l	93
26) 2,2-Dichloropropane	4.55	77	76805	20.39	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	52130	17.64	ug/l	98
28) Bromochloromethane	4.98	49	34705	16.22	ug/l	85
29) Tetrahydrofuran	5.09	42	111399	77.94	ug/l	94
30) Chloroform	5.18	83	84672	18.25	ug/l	98
31) Cyclohexane	5.55	56	65385	15.79	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	79894	19.02	ug/l	98
36) 1,1-Dichloropropene	5.76	75	60688	18.12	ug/l	99
37) Ethyl Acetate	4.79	43	64804	16.11	ug/l	97
38) Carbon Tetrachloride	5.75	117	69833	19.84	ug/l	98

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Instrument :
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Quant Time: Jun 09 05:43:04 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	66951	18.40	ug/l	98
40) Benzene	6.11	78	183719	18.42	ug/l	100
41) Methacrylonitrile	4.99	41	36253	16.41	ug/l	97
42) 1,2-Dichloroethane	6.16	62	67009	18.89	ug/l	100
43) Isopropyl Acetate	6.41	43	101842	16.24	ug/l	97
44) Trichloroethene	7.19	130	62658	19.80	ug/l	93
45) 1,2-Dichloropropane	7.49	63	45519	17.93	ug/l	99
46) Dibromomethane	7.64	93	32191	18.87	ug/l	98
47) Bromodichloromethane	7.87	83	67608	19.14	ug/l	100
48) Methyl methacrylate	7.74	41	48222	16.06	ug/l	95
49) 1,4-Dioxane	7.71	88	25561	363.67	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	327888	83.95	ug/l	97
52) Toluene	8.76	92	118525	18.84	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	76079	18.95	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	80430	18.92	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	47642	19.05	ug/l	97
56) Ethyl methacrylate	9.16	69	71025	17.44	ug/l	97
57) 1,3-Dichloropropane	9.35	76	80830	18.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	184058	86.58	ug/l	95
59) 2-Hexanone	9.47	43	253625	83.50	ug/l	97
60) Dibromochloromethane	9.57	129	56247	19.99	ug/l	98
61) 1,2-Dibromoethane	9.65	107	51751	19.32	ug/l	99
64) Tetrachloroethene	9.32	164	74460	20.12	ug/l	99
65) Chlorobenzene	10.12	112	128962	19.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51477	20.00	ug/l	99
67) Ethyl Benzene	10.24	91	221870	18.48	ug/l	99
68) m/p-Xylenes	10.34	106	168937	37.95	ug/l	98
69) o-Xylene	10.68	106	80900	18.77	ug/l	99
70) Styrene	10.70	104	139770	18.86	ug/l	99
71) Bromoform	10.84	173	43160	19.84	ug/l	# 97
73) Isopropylbenzene	11.00	105	219647	18.87	ug/l	100
74) N-amyl acetate	10.88	43	84933	15.86	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	50222	17.21	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	87339	23.65	ug/l	84
77) Bromobenzene	11.24	156	57714	18.90	ug/l	96
78) n-propylbenzene	11.34	91	239951	18.45	ug/l	99
79) 2-Chlorotoluene	11.40	91	148819	18.75	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	187650	19.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	26196	17.45	ug/l	97
82) 4-Chlorotoluene	11.49	91	177083	18.89	ug/l	99
83) tert-Butylbenzene	11.76	119	160580	19.33	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	187987	19.12	ug/l	100
85) sec-Butylbenzene	11.93	105	200473	19.24	ug/l	100
86) p-Isopropyltoluene	12.05	119	191131	19.58	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	101746	19.23	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	102051	18.86	ug/l	98
89) n-Butylbenzene	12.37	91	155657	19.15	ug/l	99
90) Hexachloroethane	12.58	117	33282	19.74	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	99830	19.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16397	17.35	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	68673	20.18	ug/l	98
94) Hexachlorobutadiene	13.77	225	31530	23.59	ug/l	97
95) Naphthalene	13.82	128	213390	18.29	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	66611	19.98	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

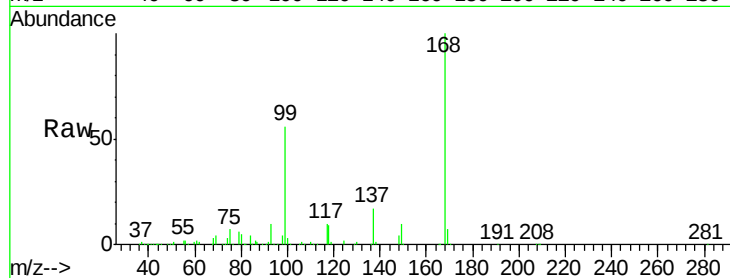
VX0608WBS01

Tgt Ion:168 Resp: 239967

Ion Ratio Lower Upper

168 100

99 55.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

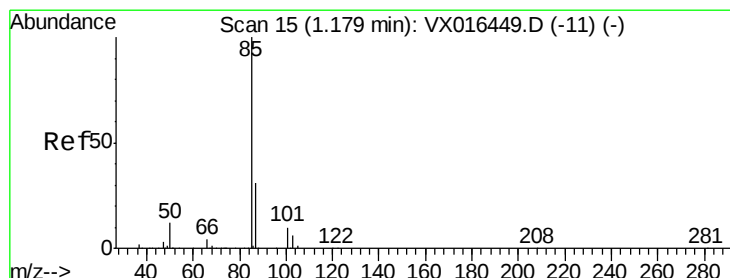
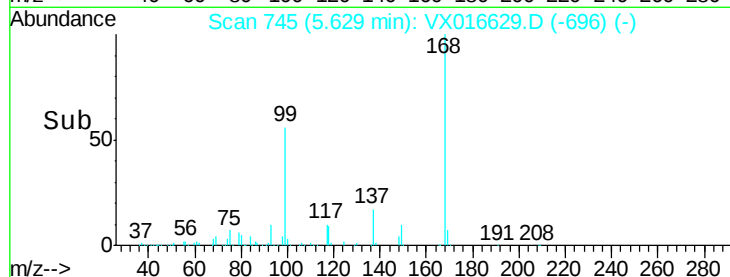
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.72 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016629.D

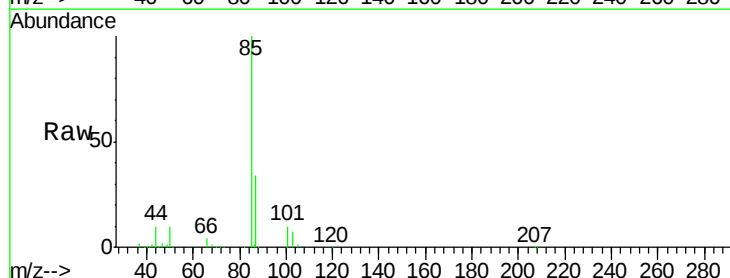
Acq: 08 Jun 2020 11:30

Tgt Ion: 85 Resp: 39481

Ion Ratio Lower Upper

85 100

87 34.1 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

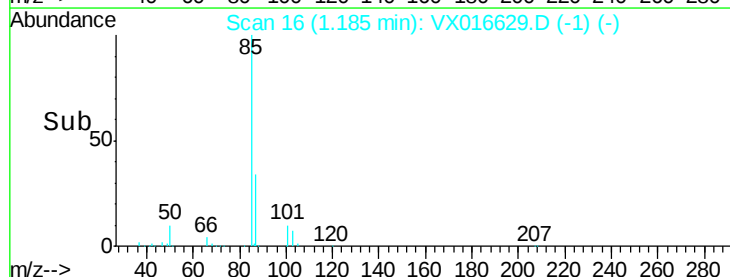
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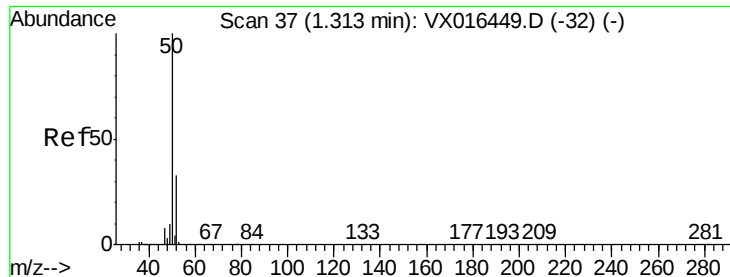
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 15.79 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

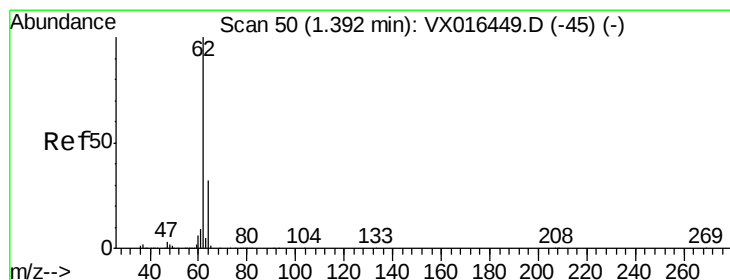
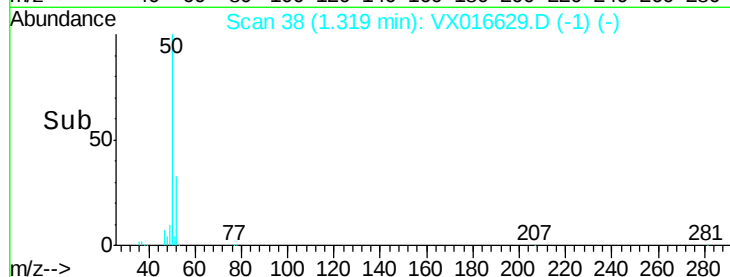
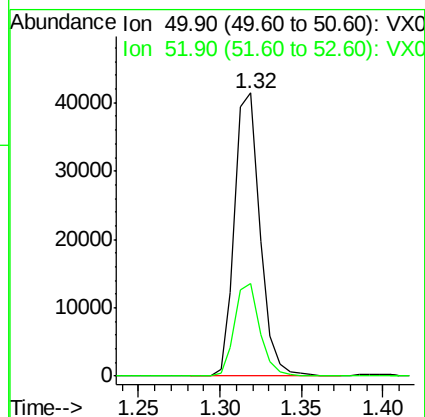
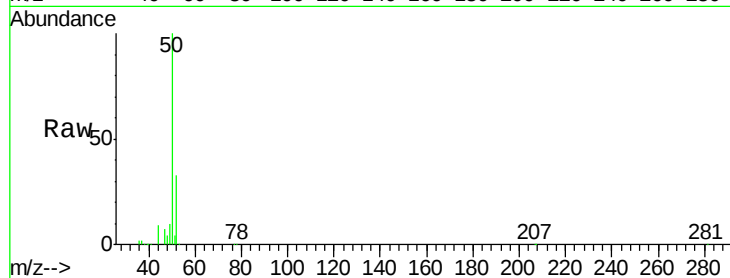
VX0608WBS01

Tgt Ion: 50 Resp: 45068

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 16.13 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016629.D

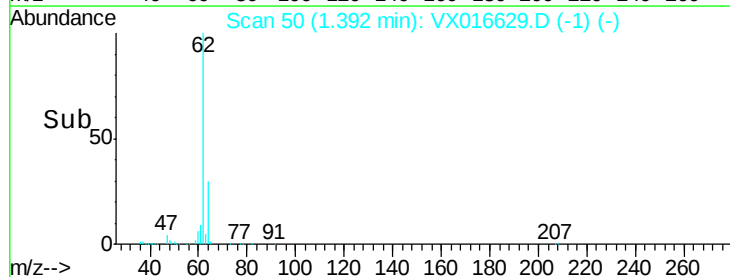
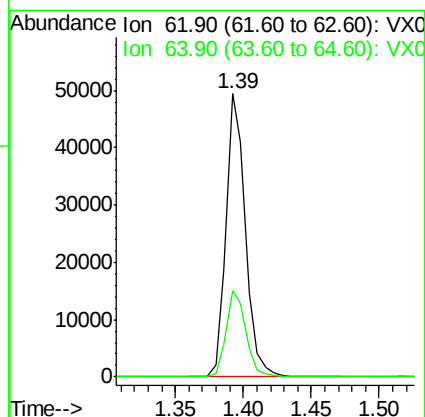
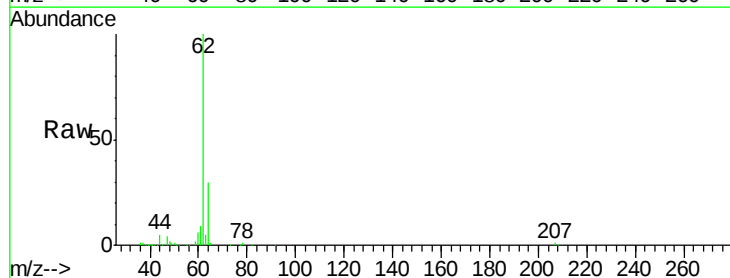
Acq: 08 Jun 2020 11:30

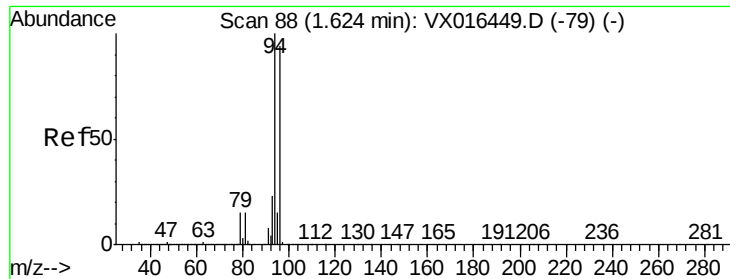
Tgt Ion: 62 Resp: 48671

Ion Ratio Lower Upper

62 100

64 30.4 25.9 38.9





#5

Bromomethane

Concen: 22.69 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

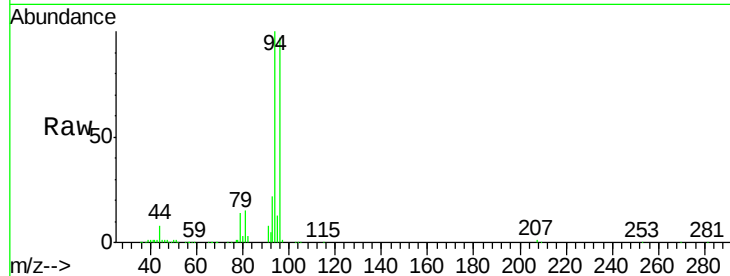
VX0608WBS01

Tgt Ion: 94 Resp: 33292

Ion Ratio Lower Upper

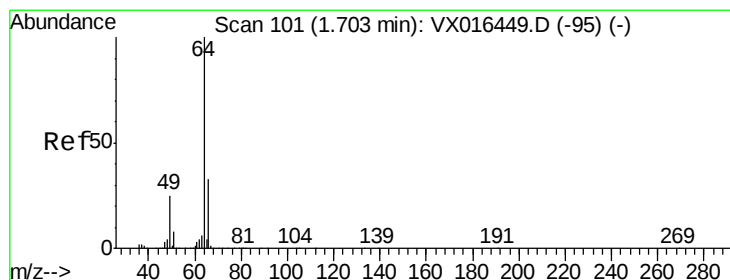
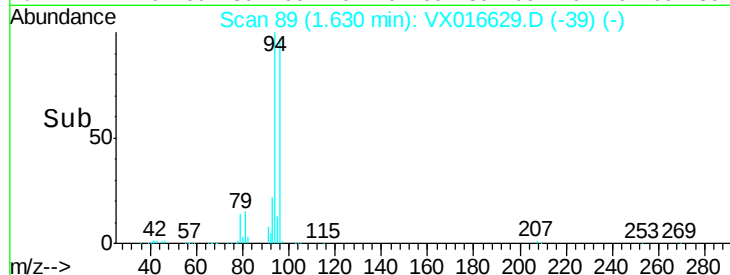
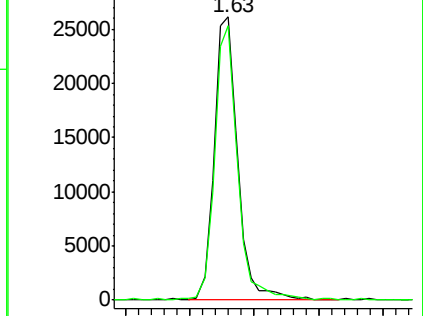
94 100

96 96.8 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.81 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016629.D

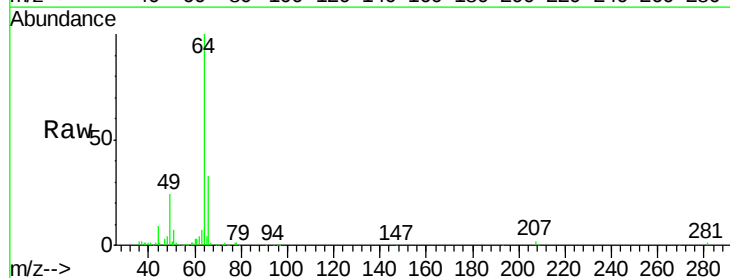
Acq: 08 Jun 2020 11:30

Tgt Ion: 64 Resp: 31352

Ion Ratio Lower Upper

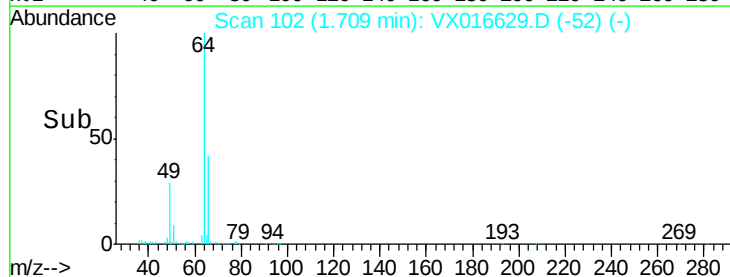
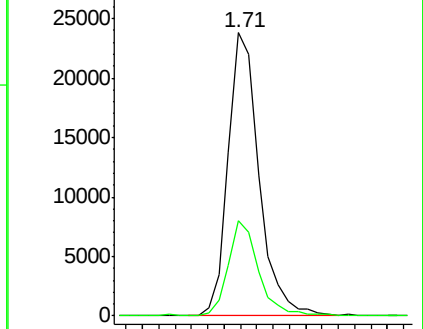
64 100

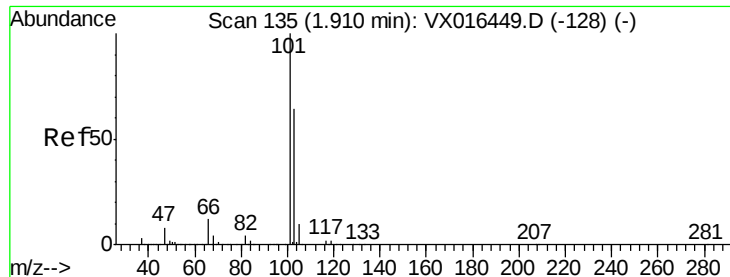
66 33.5 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.21 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

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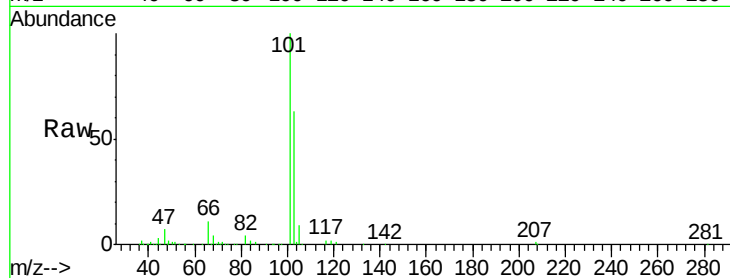
VX0608WBS01

Tgt Ion:101 Resp: 76153

Ion Ratio Lower Upper

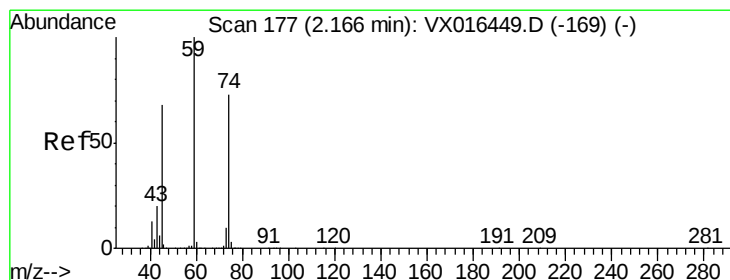
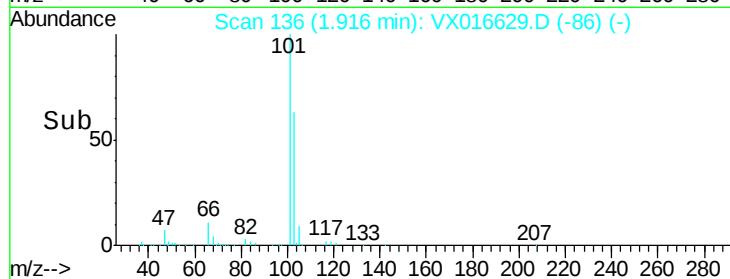
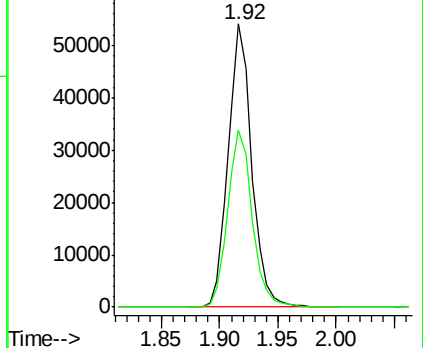
101 100

103 62.7 50.9 76.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 17.32 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016629.D

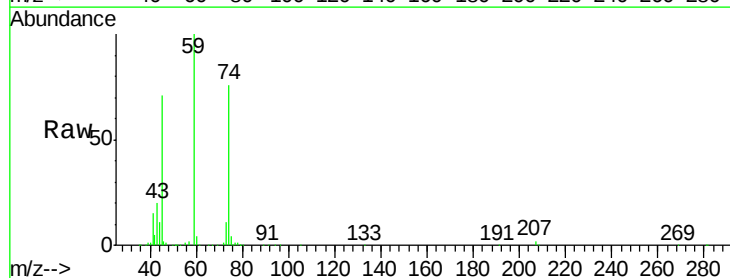
Acq: 08 Jun 2020 11:30

Tgt Ion: 74 Resp: 28620

Ion Ratio Lower Upper

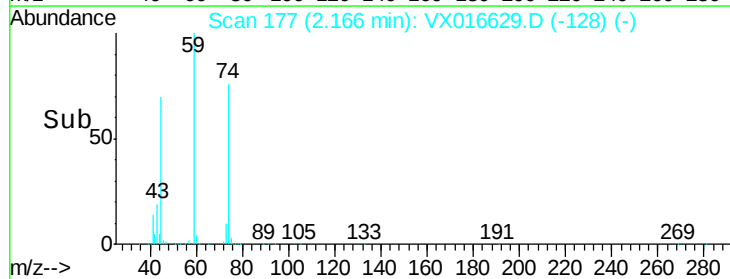
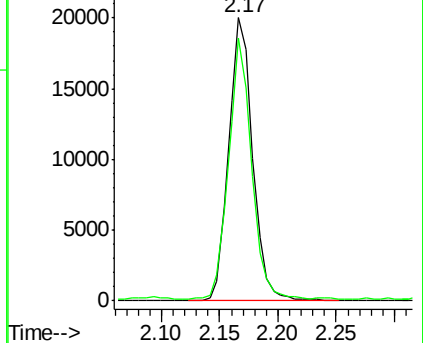
74 100

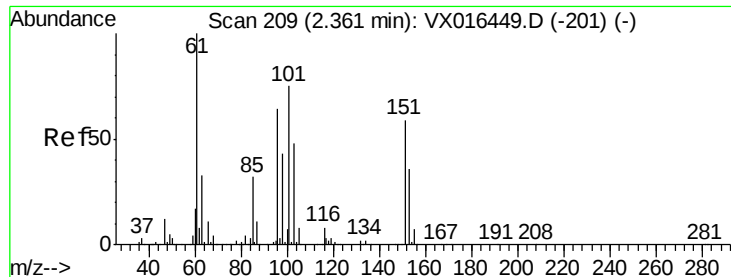
45 88.9 47.5 142.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.49 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

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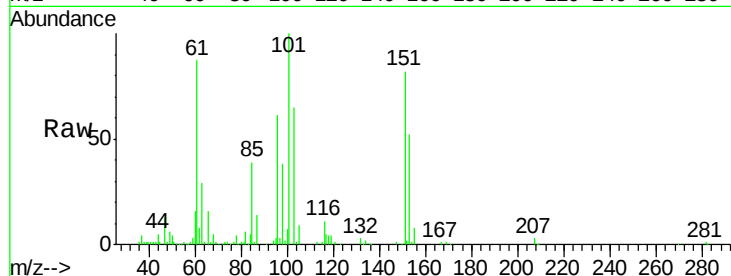
Tgt Ion:101 Resp: 42505

Ion Ratio Lower Upper

101 100

85 41.6 34.4 51.6

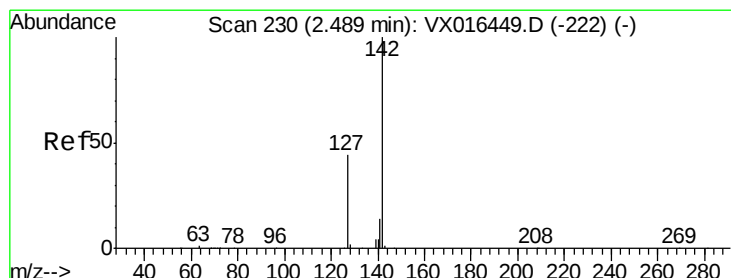
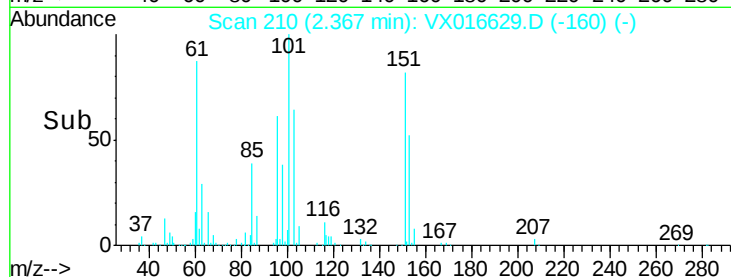
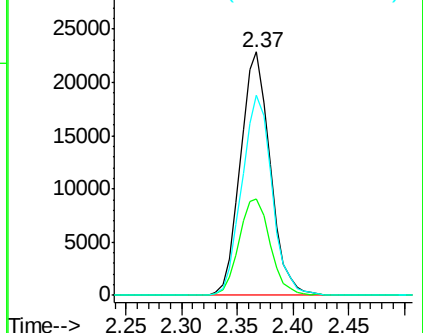
151 83.6 63.8 95.6



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: 17.21 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

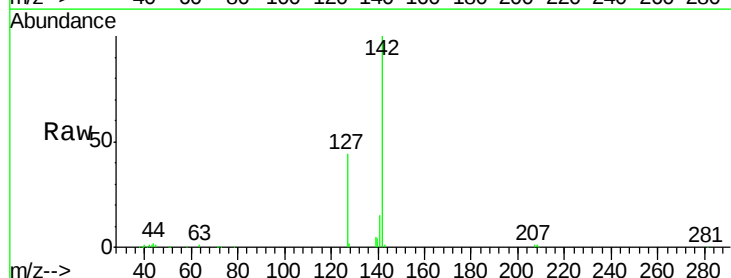
Tgt Ion:142 Resp: 39300

Ion Ratio Lower Upper

142 100

127 44.1 35.3 52.9

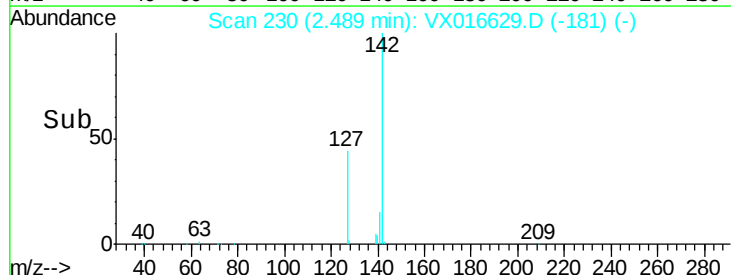
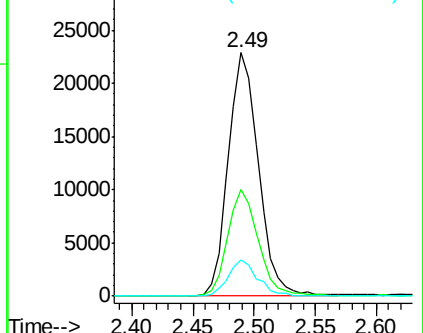
141 14.3 11.4 17.2

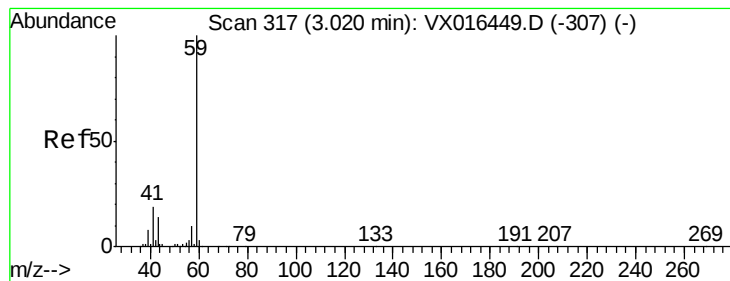


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



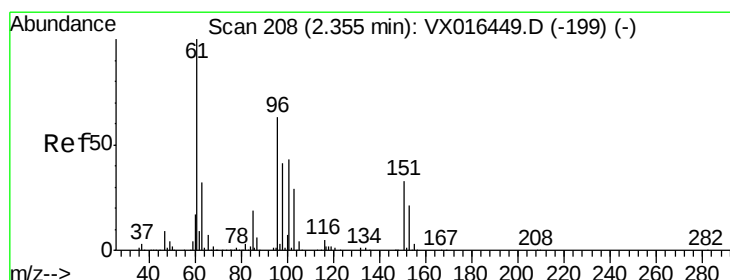
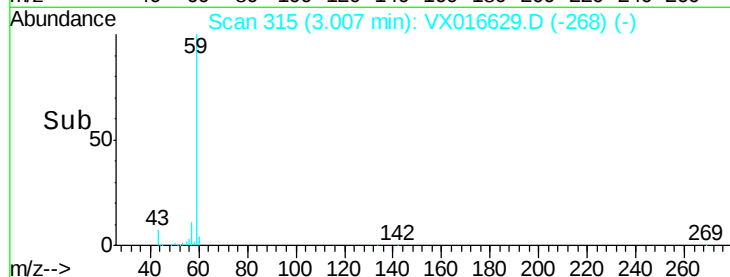
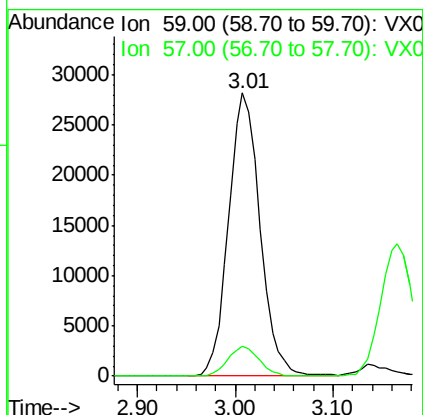
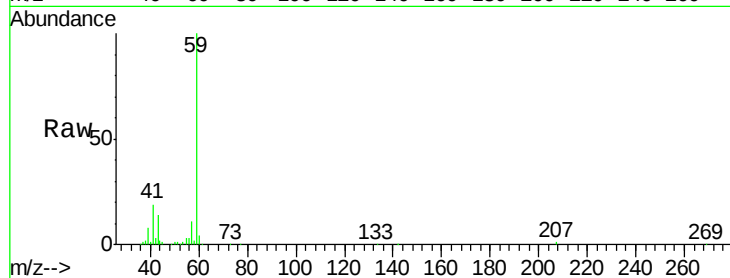


#11

Tert butyl alcohol
 Concen: 82.31 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

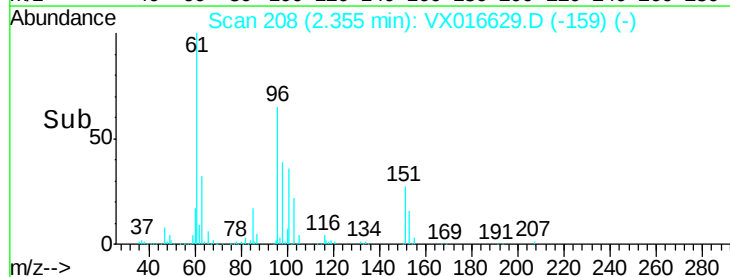
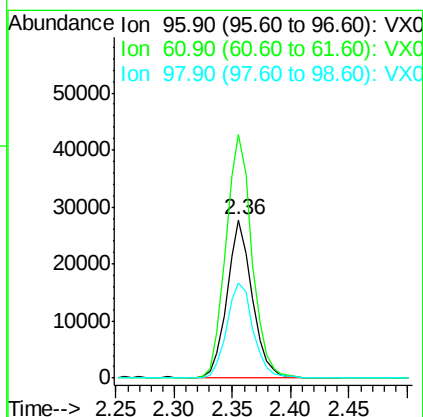
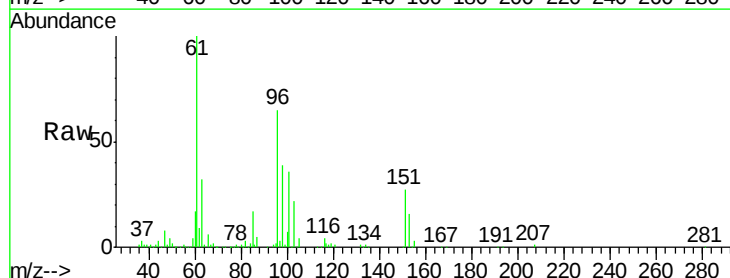
Tgt Ion: 59 Resp: 62899
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

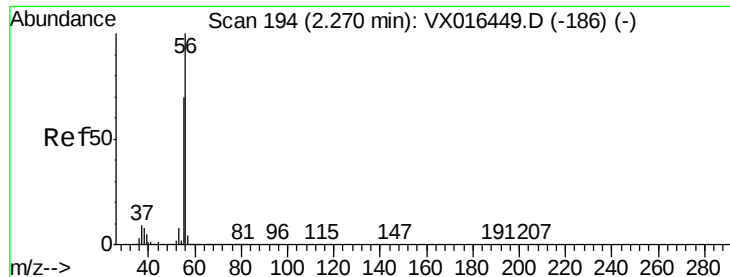


#12

1,1-Dichloroethene
 Concen: 18.12 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion: 96 Resp: 41849
 Ion Ratio Lower Upper
 96 100
 61 154.0 126.6 189.8
 98 60.1 51.3 76.9





#13

Acrolein

Concen: 96.37 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

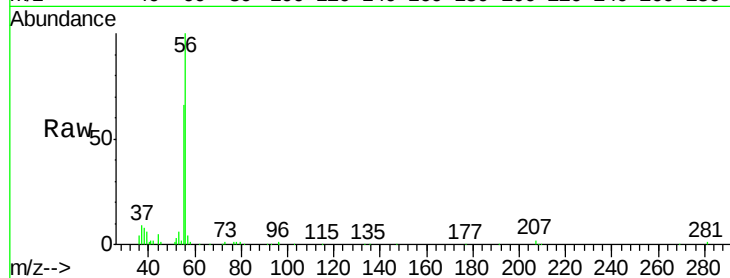
VX0608WBS01

Tgt Ion: 56 Resp: 31327

Ion Ratio Lower Upper

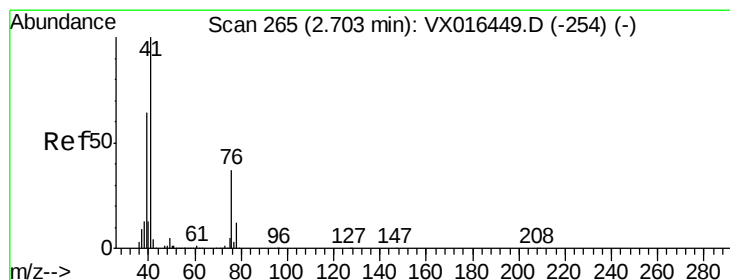
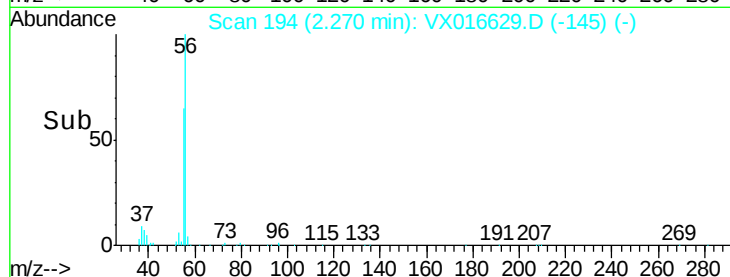
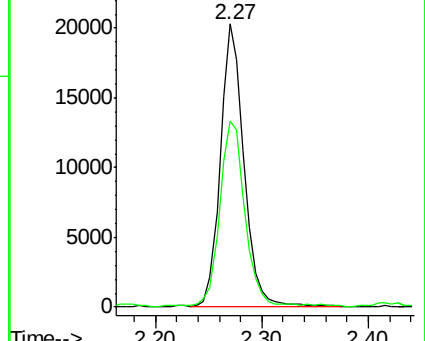
56 100

55 68.6 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 15.87 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

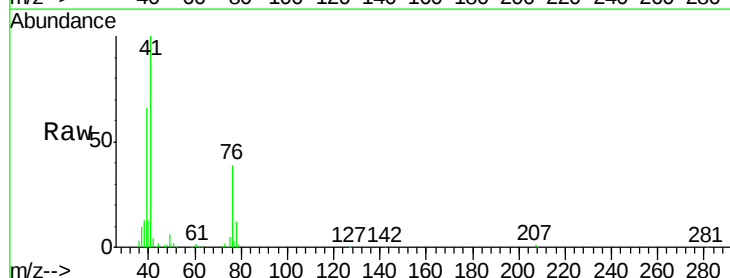
Tgt Ion: 41 Resp: 67404

Ion Ratio Lower Upper

41 100

39 62.0 47.7 71.5

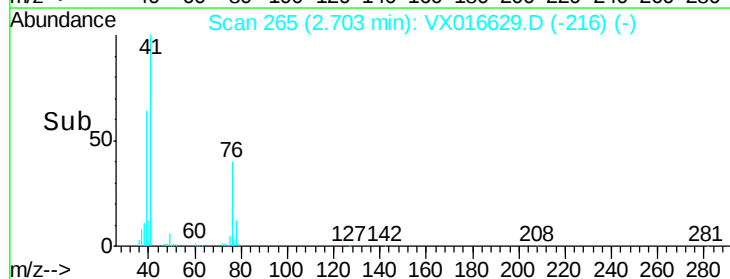
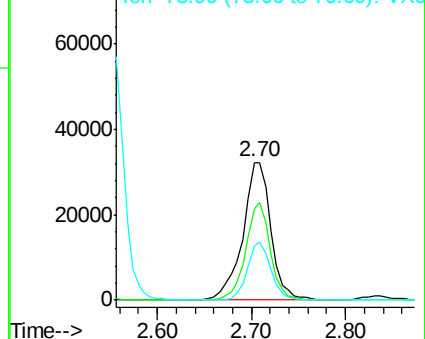
76 35.4 26.6 40.0

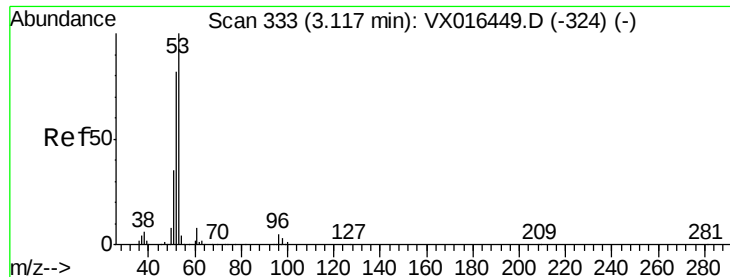


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 80.53 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

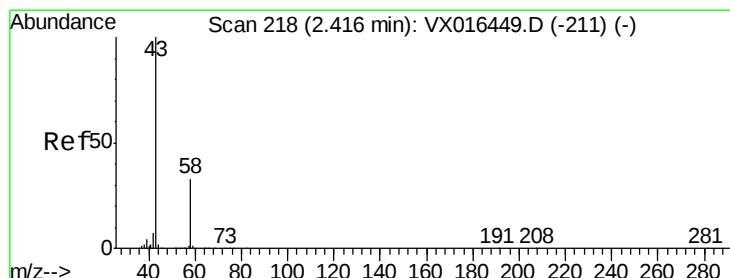
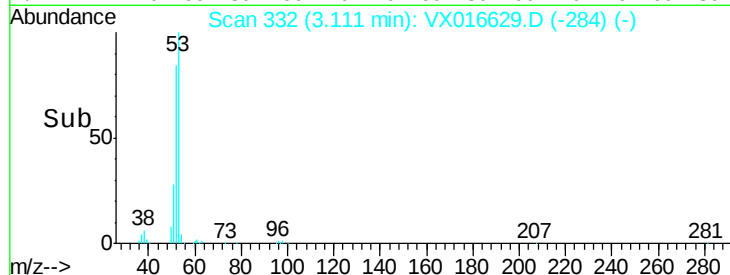
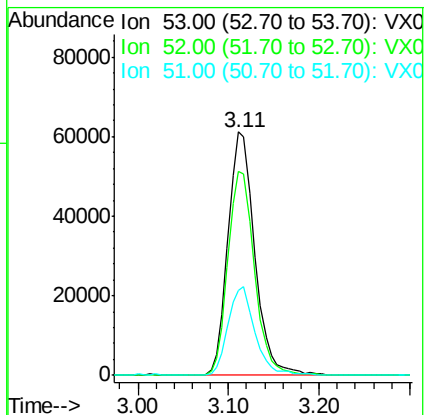
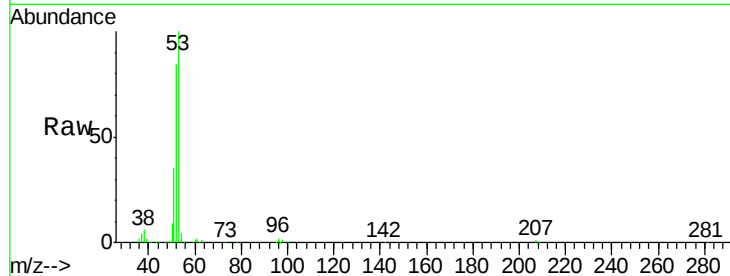
Tgt Ion: 53 Resp: 126065

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

51 37.0 28.6 43.0



#16

Acetone

Concen: 82.82 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016629.D

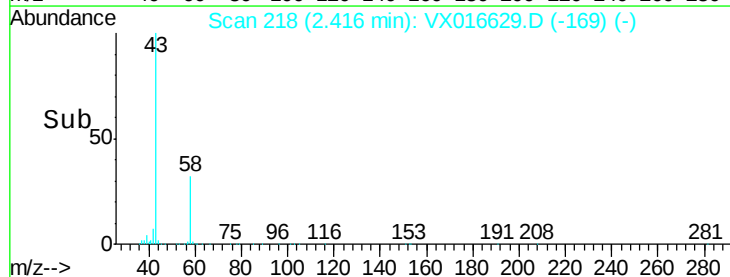
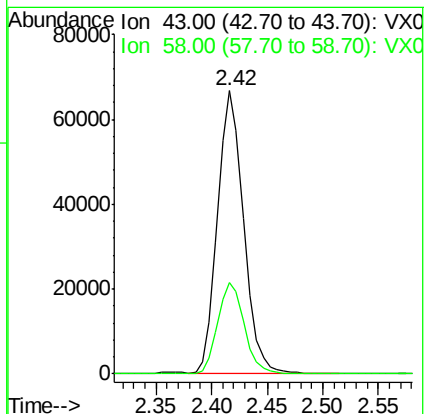
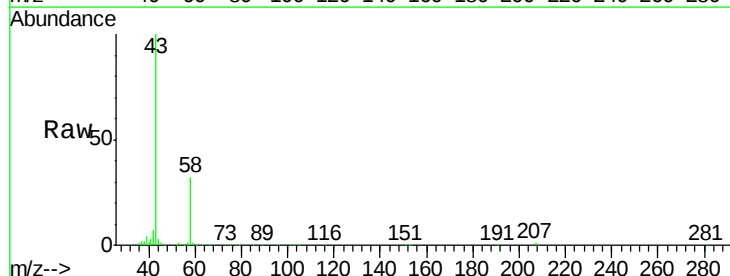
Acq: 08 Jun 2020 11:30

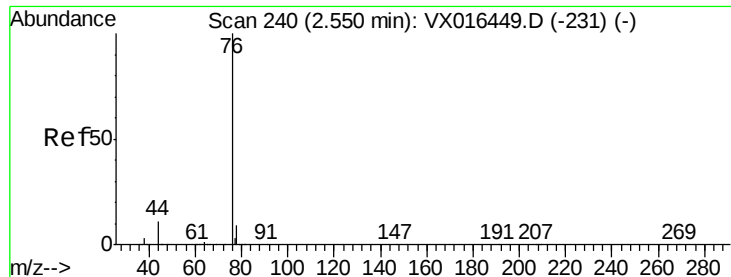
Tgt Ion: 43 Resp: 108129

Ion Ratio Lower Upper

43 100

58 32.5 26.1 39.1

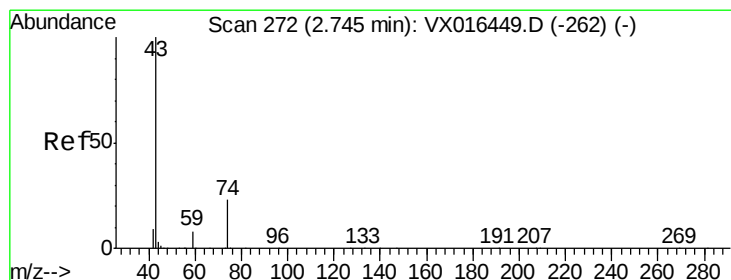
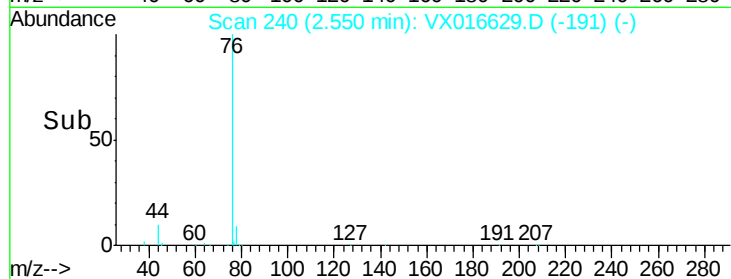
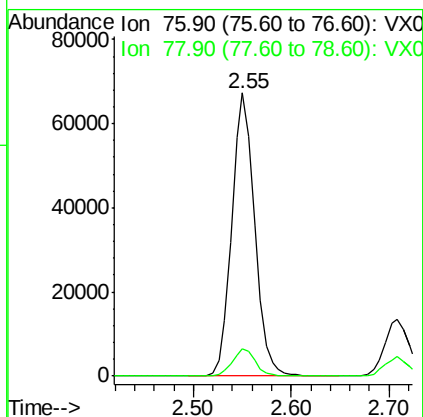
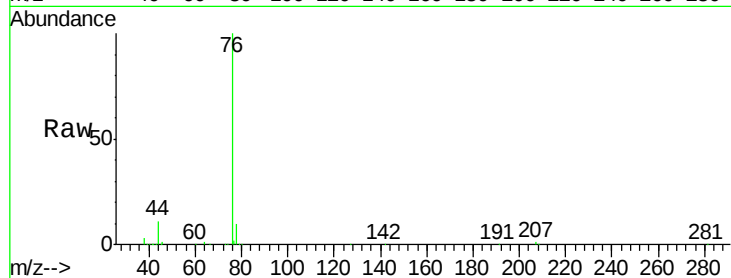




#17
 Carbon Disulfide
 Concen: 15.94 ug/l
 RT: 2.55 min Scan# 240
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

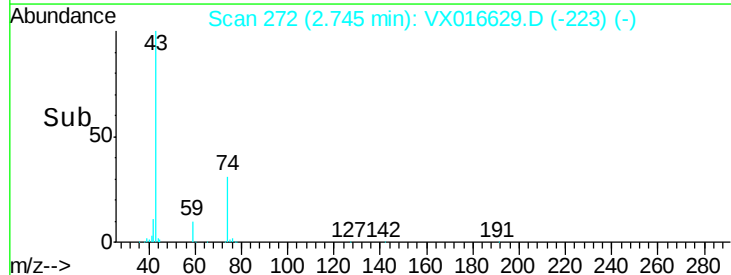
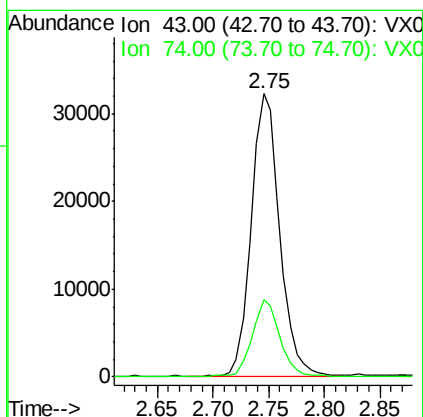
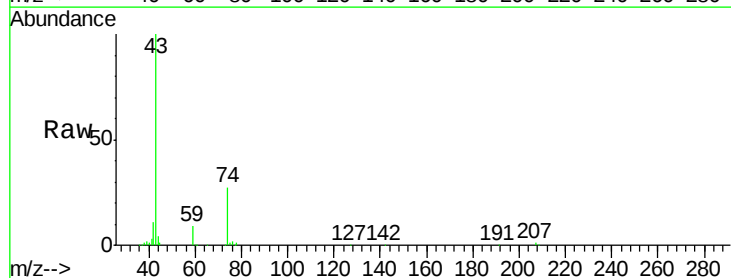
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

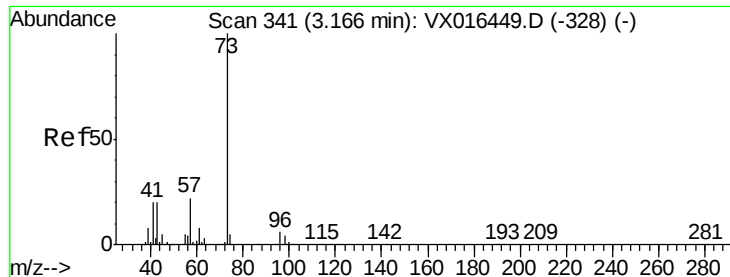
Tgt Ion: 76 Resp: 109318
 Ion Ratio Lower Upper
 76 100
 78 9.5 7.4 11.0



#18
 Methyl Acetate
 Concen: 17.12 ug/l
 RT: 2.75 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion: 43 Resp: 57328
 Ion Ratio Lower Upper
 43 100
 74 27.1 19.7 29.5

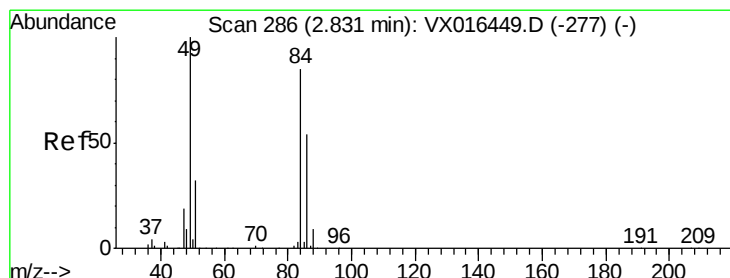
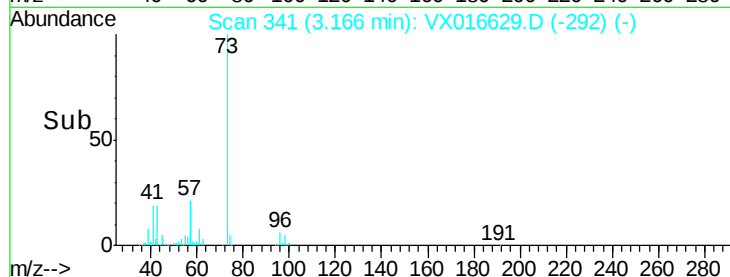
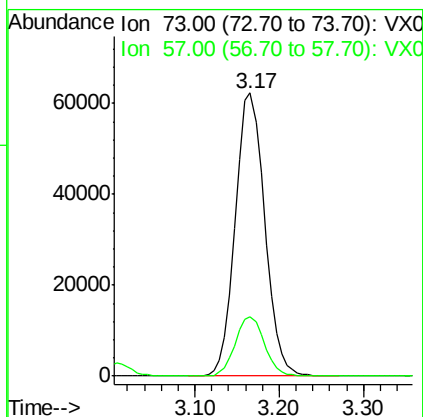
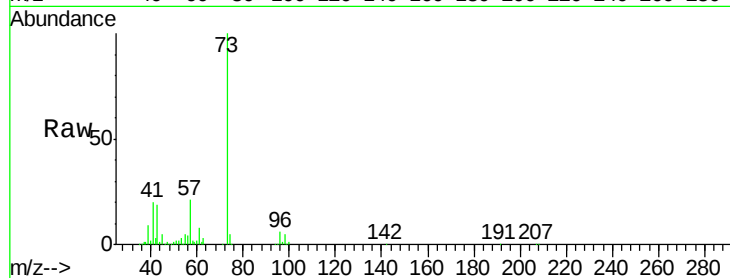




#19
Methyl tert-butyl Ether
Concen: 17.76 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

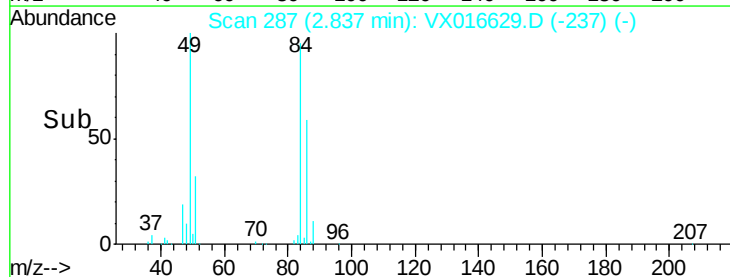
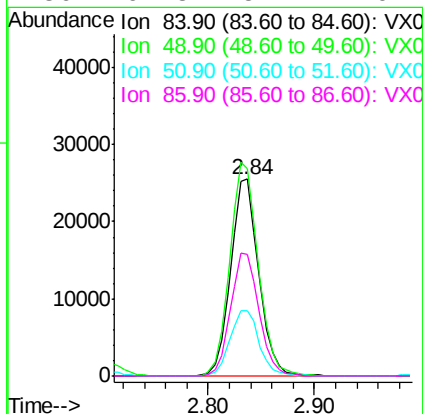
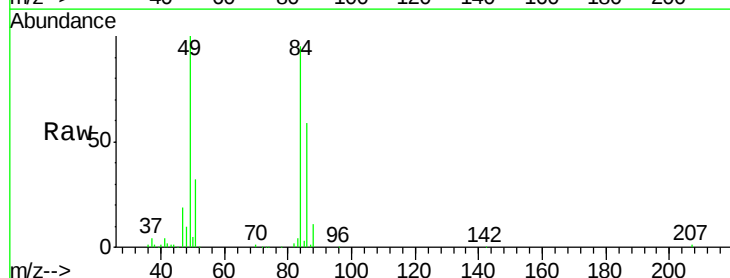
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

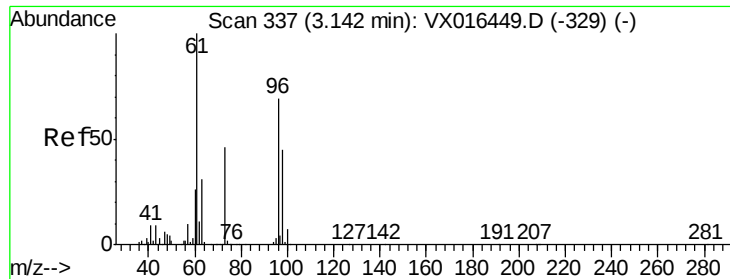
Tgt Ion: 73 Resp: 147295
Ion Ratio Lower Upper
73 100
57 21.1 17.8 26.6



#20
Methylene Chloride
Concen: 17.51 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion: 84 Resp: 47298
Ion Ratio Lower Upper
84 100
49 105.3 94.5 141.7
51 33.5 30.2 45.4
86 61.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.44 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

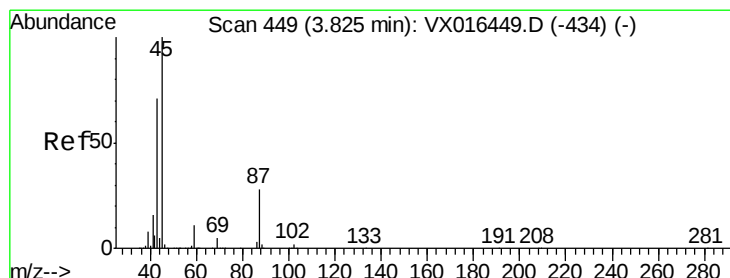
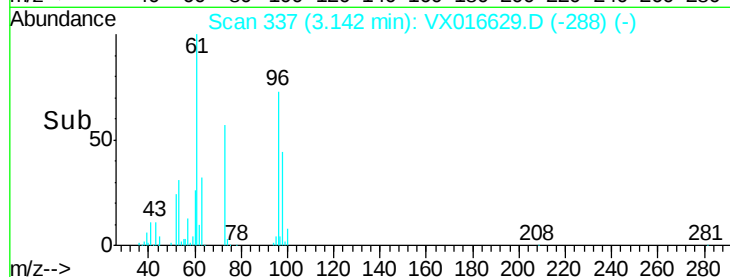
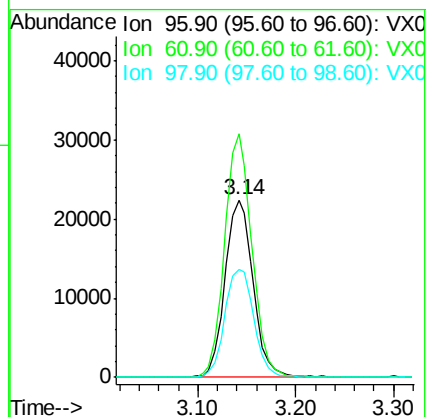
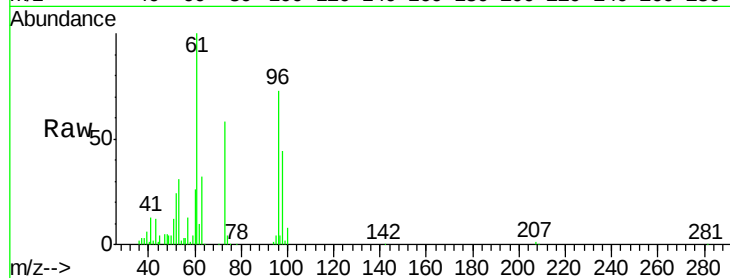
Tgt Ion: 96 Resp: 44530

Ion Ratio Lower Upper

96 100

61 137.2 115.3 172.9

98 61.0 51.9 77.9



#22

Diisopropyl ether

Concen: 16.44 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion: 45 Resp: 134115

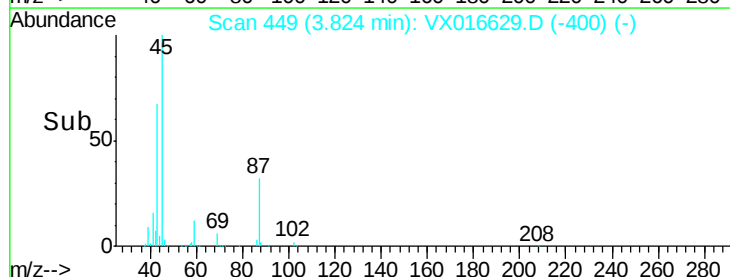
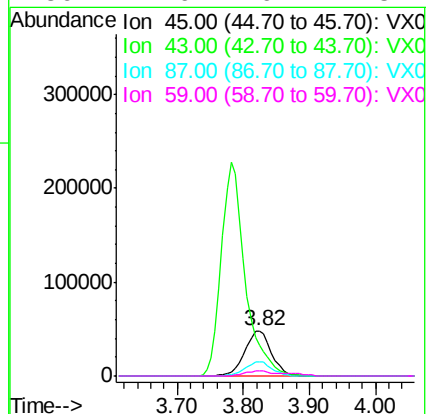
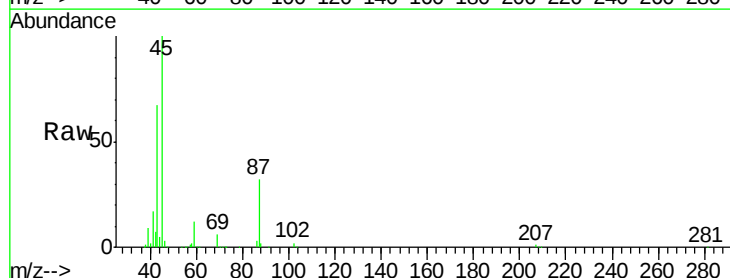
Ion Ratio Lower Upper

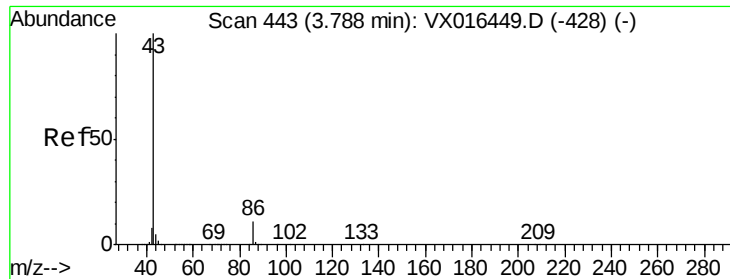
45 100

43 67.2 57.0 85.6

87 31.6 22.5 33.7

59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 80.46 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

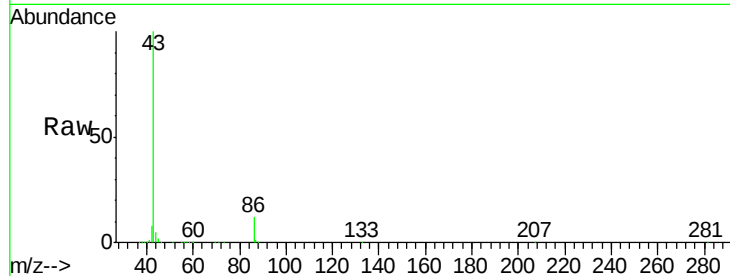
VX0608WBS01

Tgt Ion: 43 Resp: 574523

Ion Ratio Lower Upper

43 100

86 11.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

250000

200000

150000

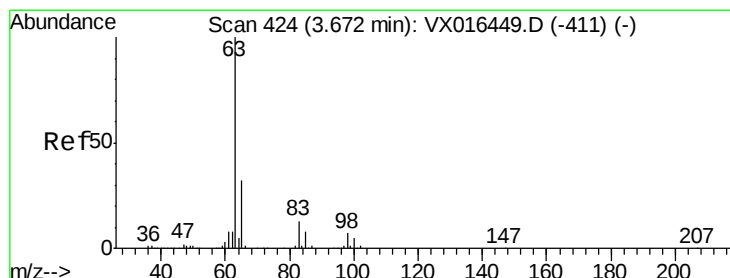
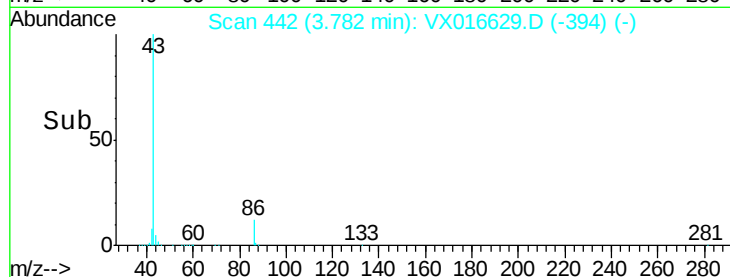
100000

50000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.46 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

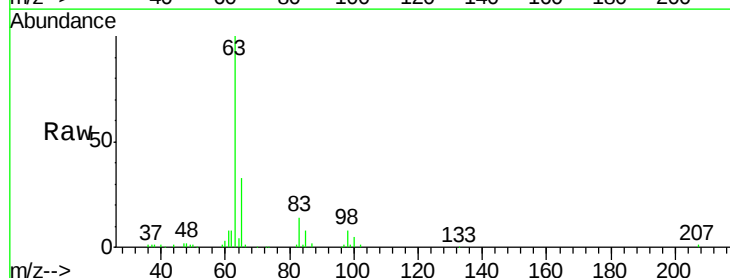
Tgt Ion: 63 Resp: 80395

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.9 2.4 7.1



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

3.67

40000

30000

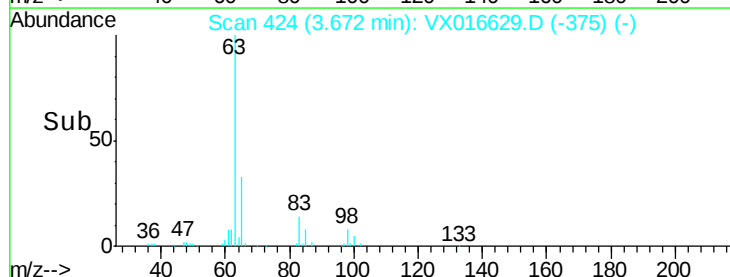
20000

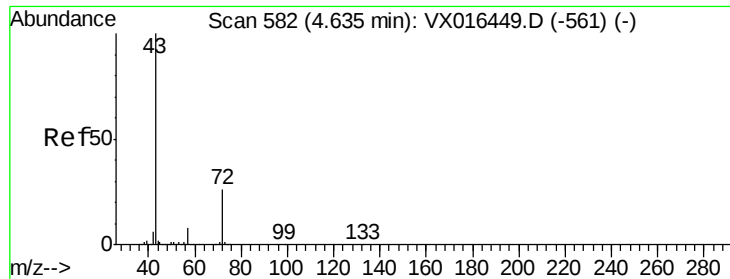
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 77.57 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

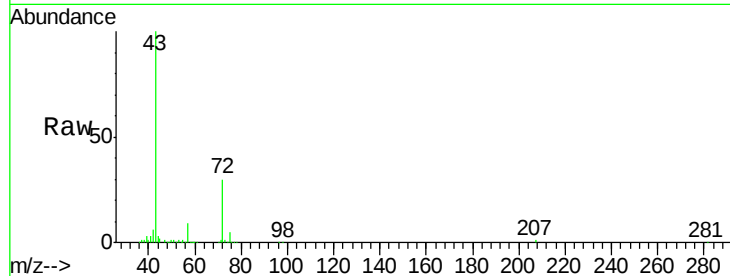
VX0608WBS01

Tgt Ion: 43 Resp: 171622

Ion Ratio Lower Upper

43 100

72 30.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

60000

40000

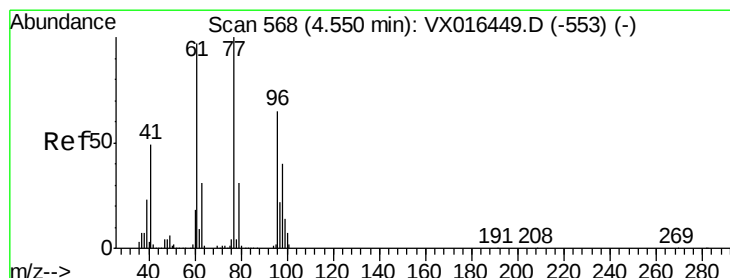
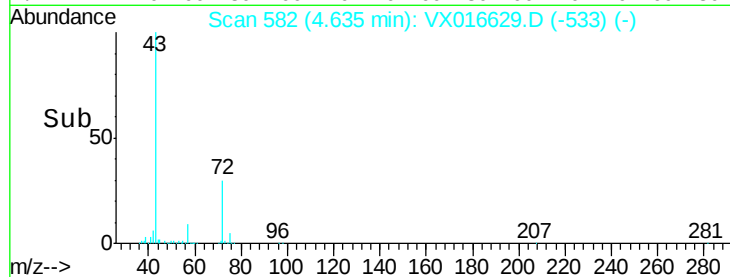
20000

0

4.64

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 20.39 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016629.D

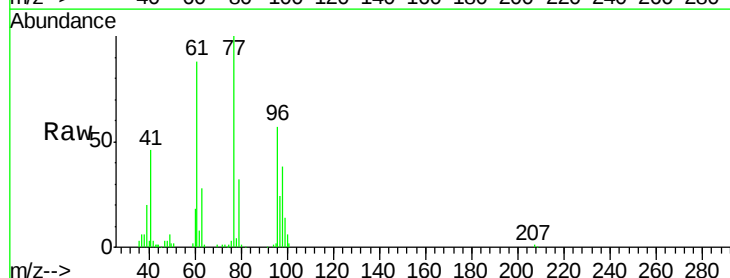
Acq: 08 Jun 2020 11:30

Tgt Ion: 77 Resp: 76805

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

10000

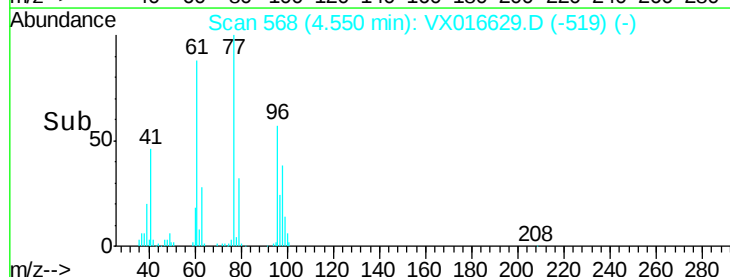
5000

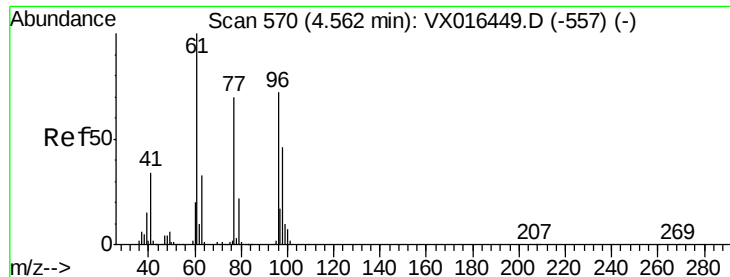
0

4.55

4.40 4.50 4.60 4.70

Time-->



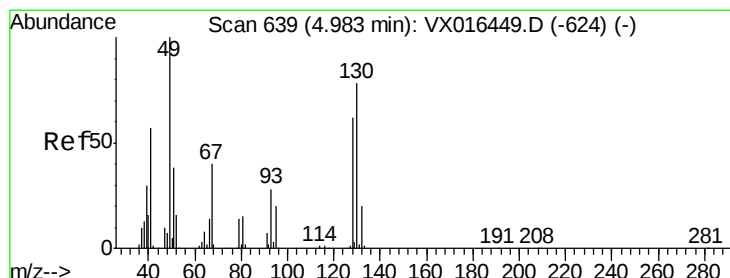
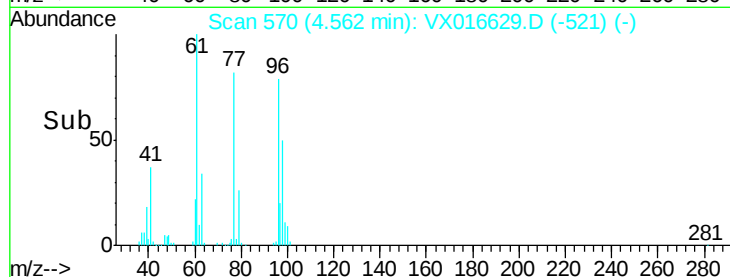
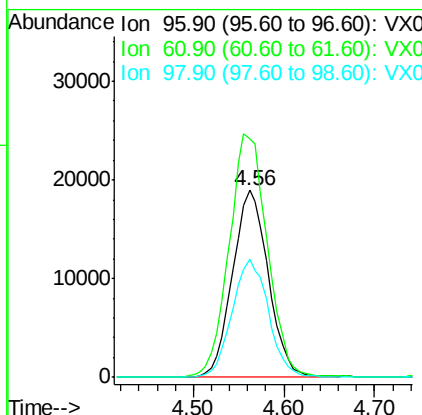
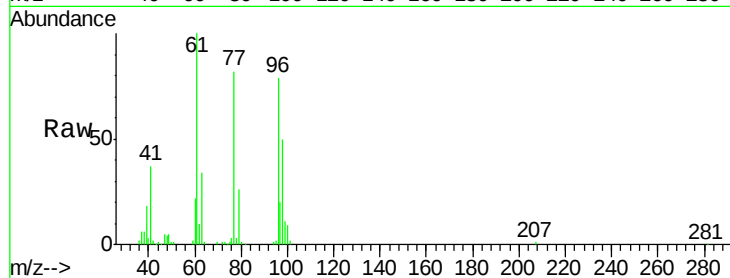


#27

cis-1,2-Dichloroethene
 Concen: 17.64 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

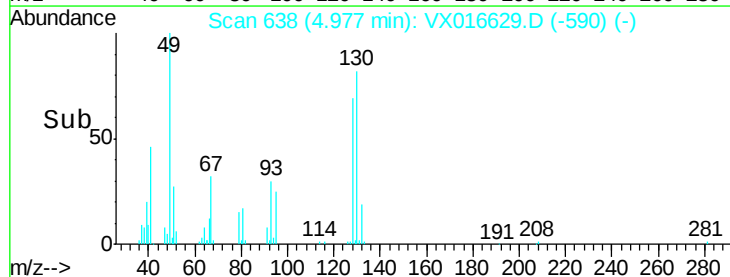
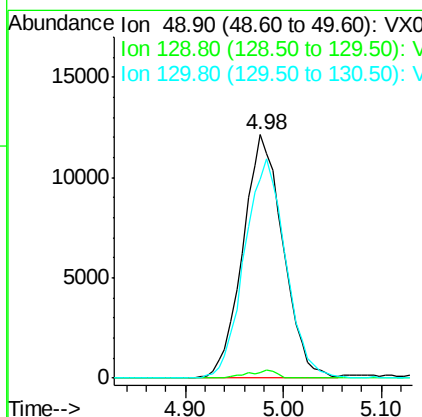
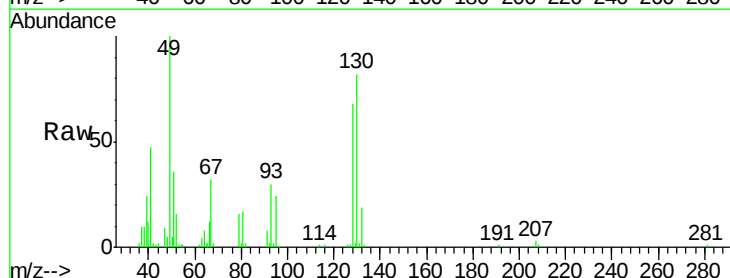
Tgt Ion: 96 Resp: 52130
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 284.6
 98 63.6 0.0 127.2

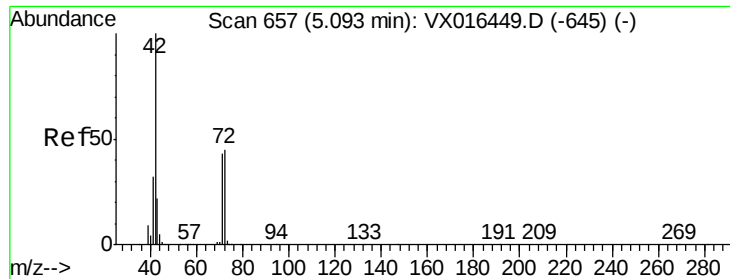


#28

Bromochloromethane
 Concen: 16.22 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion: 49 Resp: 34705
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 91.9 63.0 94.4

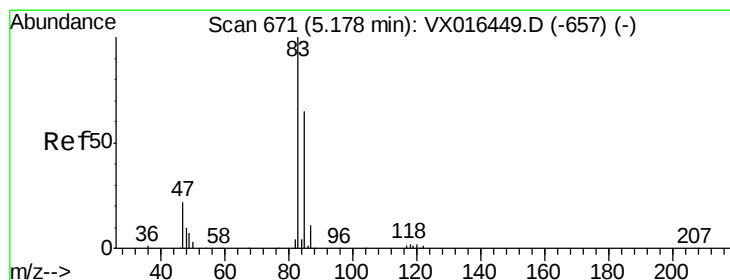
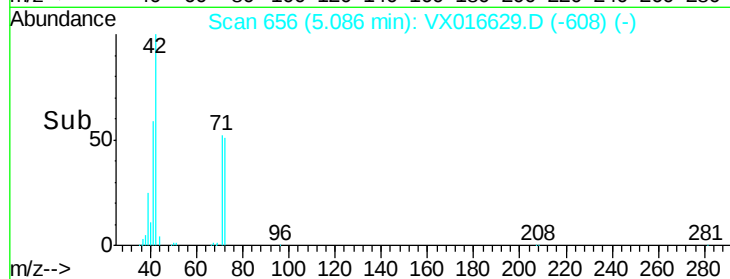
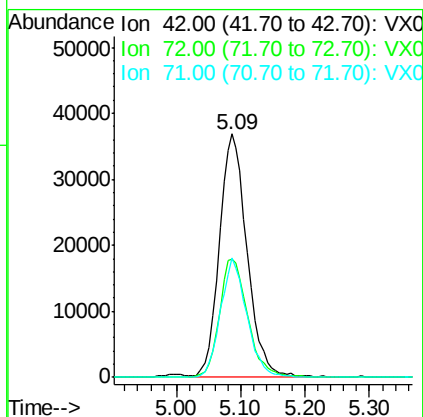
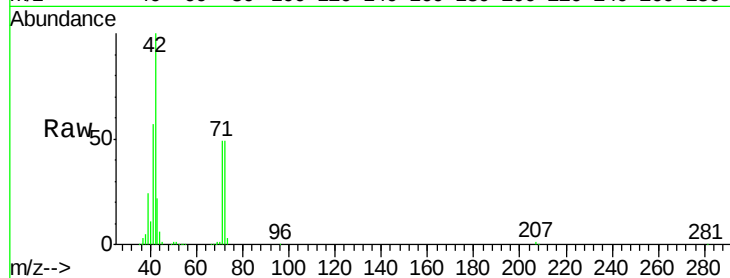




#29
Tetrahydrofuran
Concen: 77.94 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

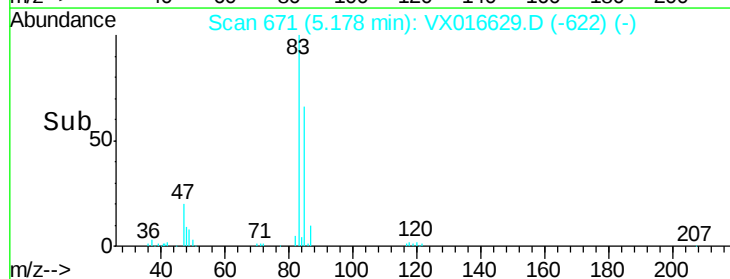
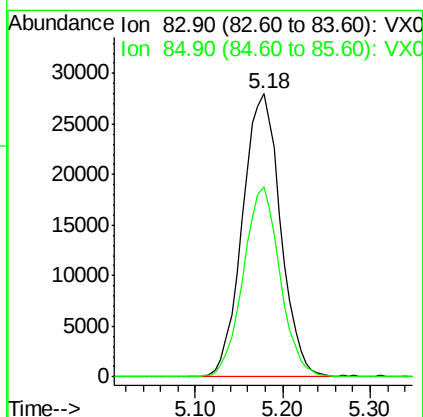
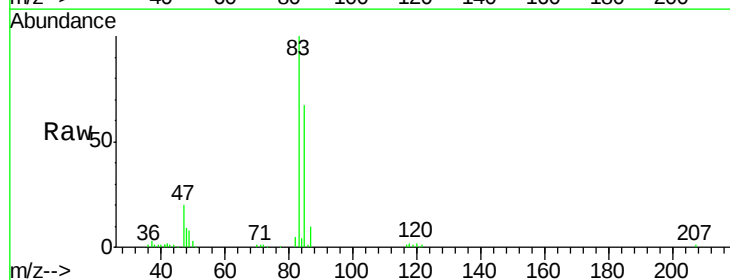
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

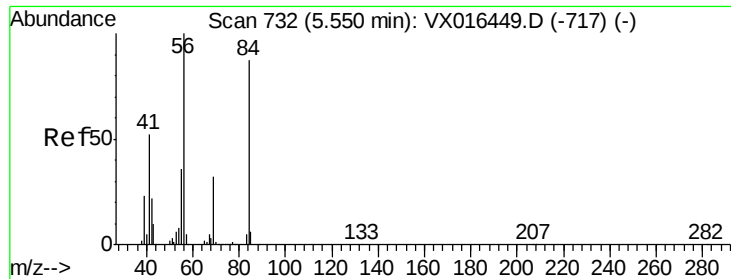
Tgt Ion:	42	Resp:	111399
Ion	Ratio	Lower	Upper
42	100		
72	50.0	37.0	55.4
71	46.6	34.1	51.1



#30
Chloroform
Concen: 18.25 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion:	83	Resp:	84672
Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.0	78.0

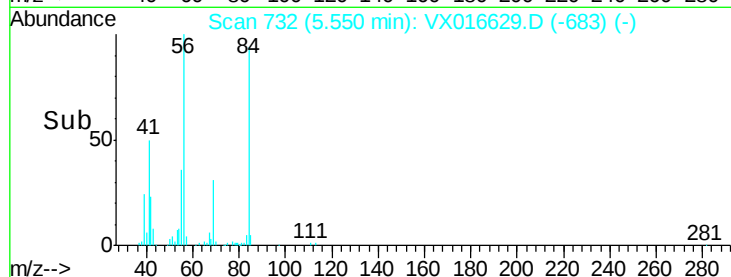
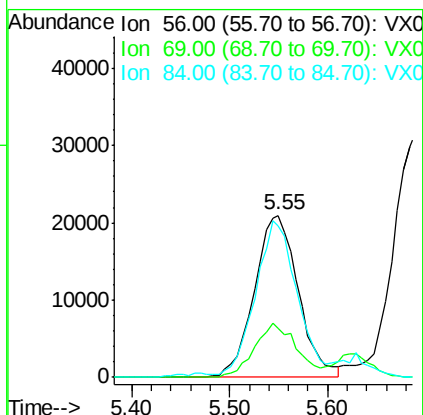
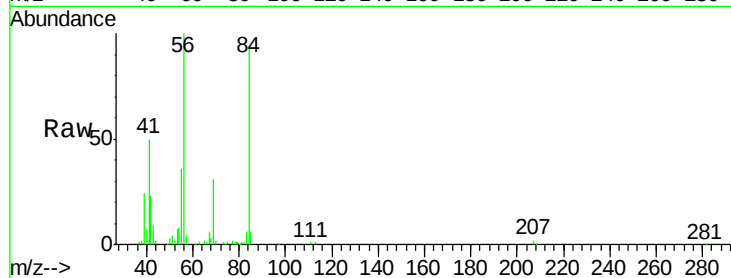




#31
Cyclohexane
Concen: 15.79 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

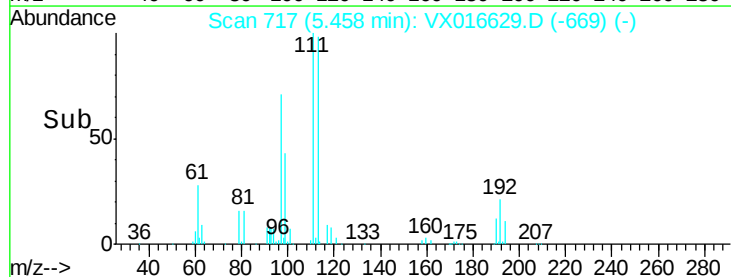
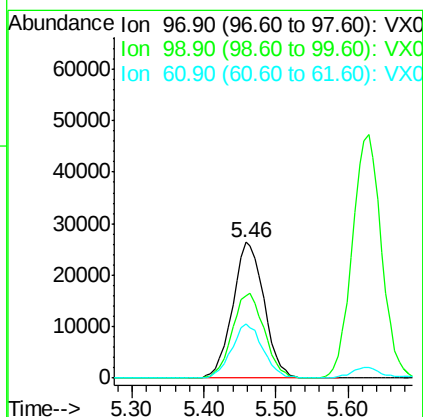
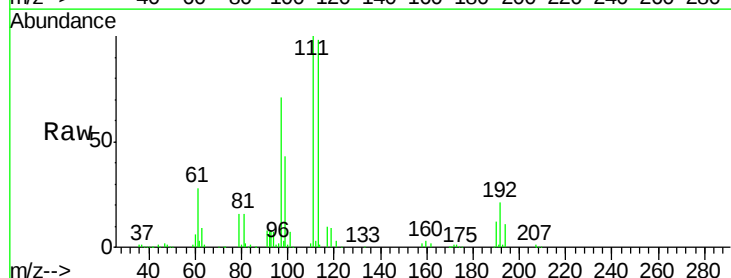
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

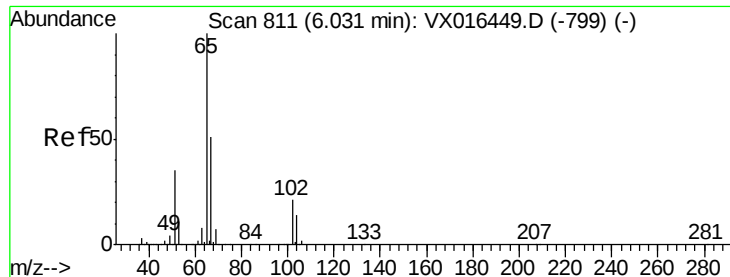
Tgt Ion: 56 Resp: 65385
Ion Ratio Lower Upper
56 100
69 30.6 25.7 38.5
84 92.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.02 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion: 97 Resp: 79894
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 39.7 33.5 50.3

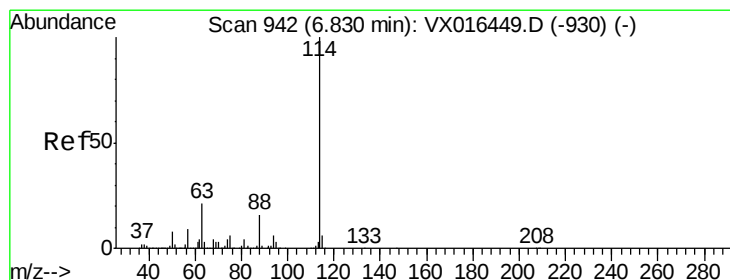
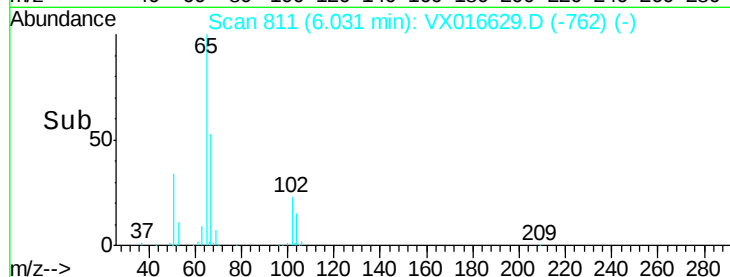
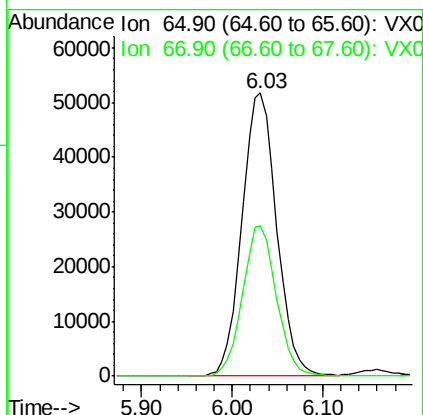
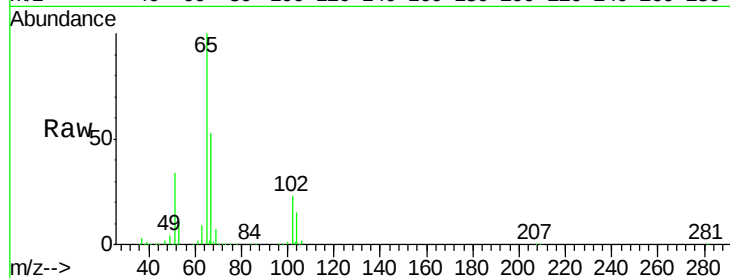




#33
 1,2-Dichloroethane-d4
 Concen: 45.91 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

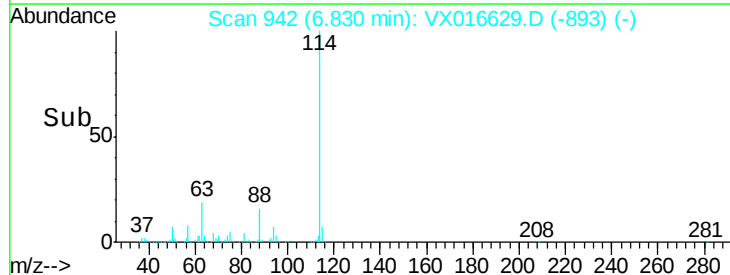
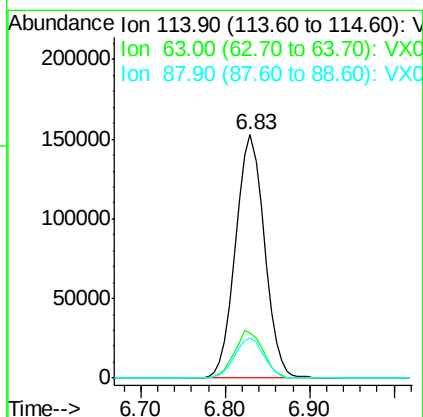
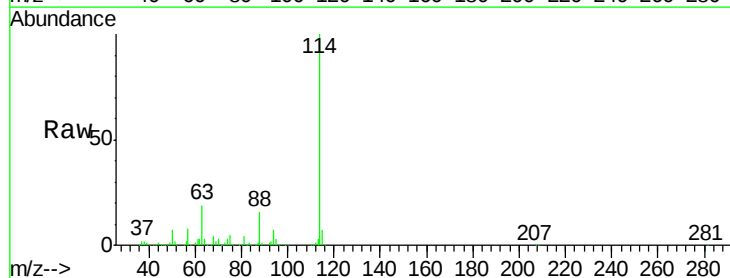
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

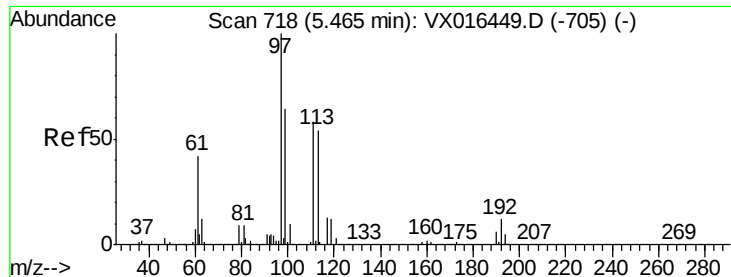
Tgt Ion: 65 Resp: 136815
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion: 114 Resp: 353768
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.6
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.36 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

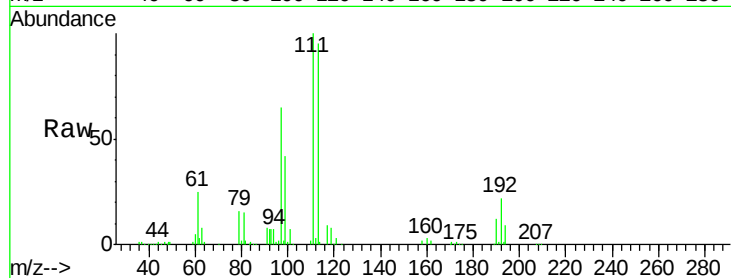
Tgt Ion:113 Resp: 109700

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

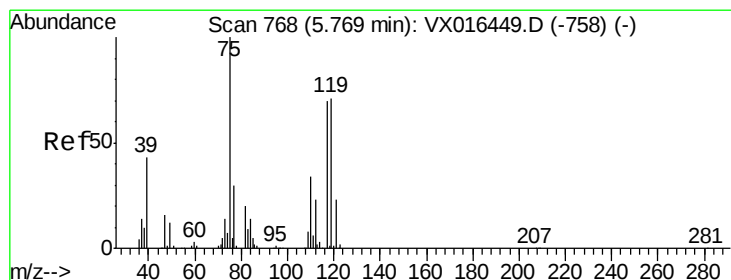
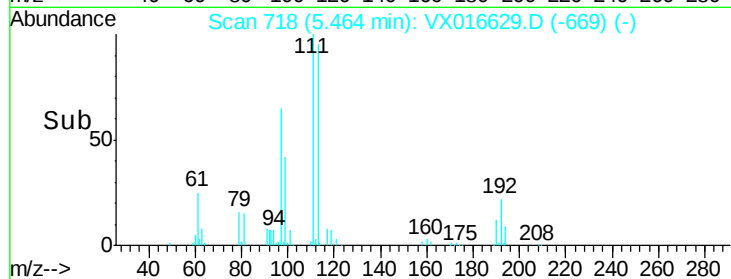
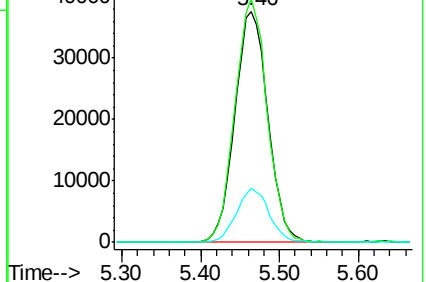
192 23.1 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.12 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

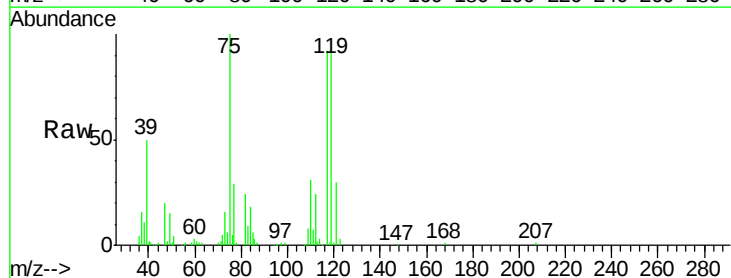
Tgt Ion: 75 Resp: 60688

Ion Ratio Lower Upper

75 100

110 35.6 17.4 52.3

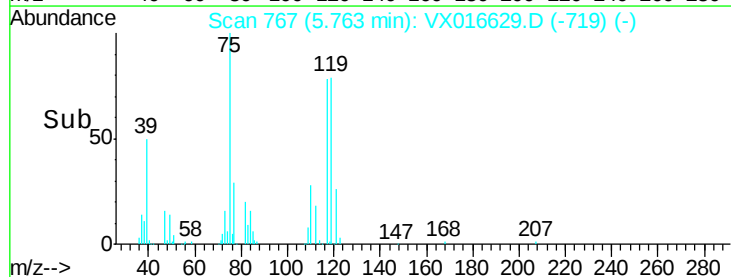
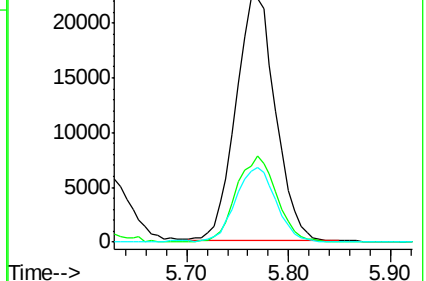
77 31.0 24.2 36.4



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

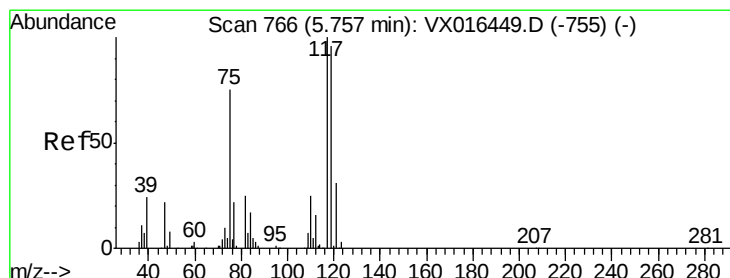
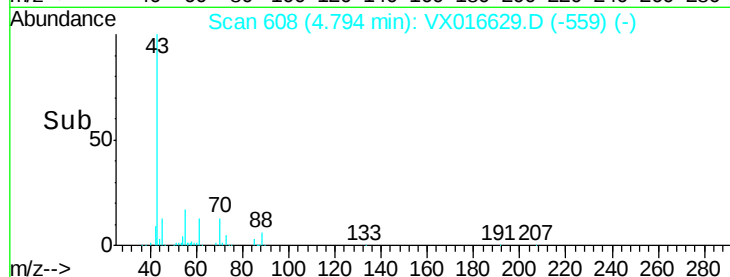
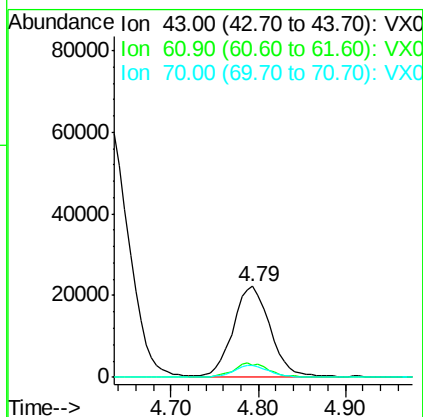
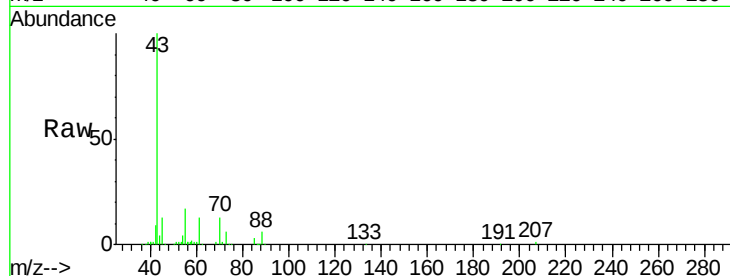




#37
Ethyl Acetate
Concen: 16.11 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

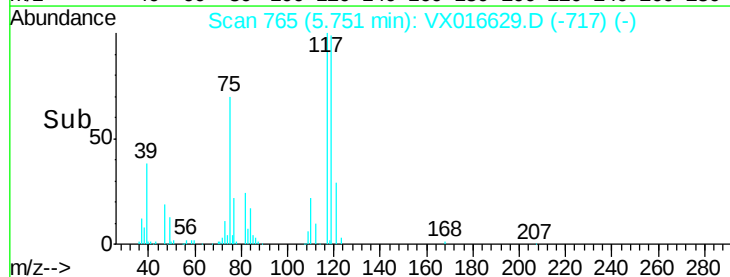
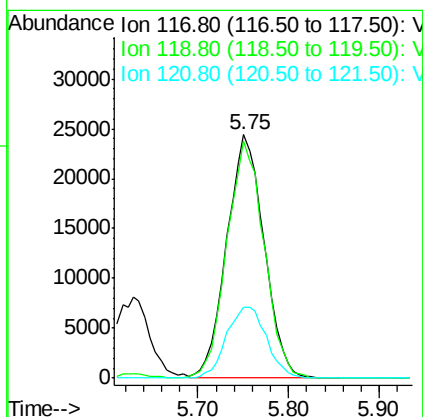
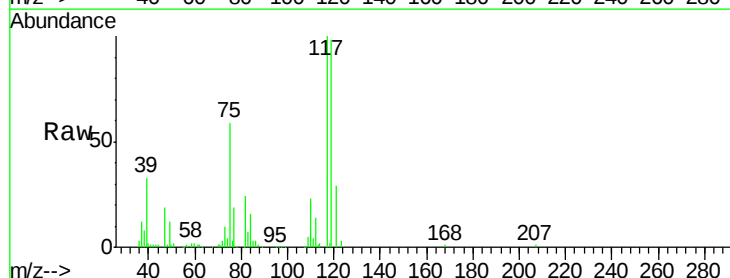
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion: 43 Resp: 64804
Ion Ratio Lower Upper
43 100
61 15.2 11.3 16.9
70 12.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 19.84 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion: 117 Resp: 69833
Ion Ratio Lower Upper
117 100
119 97.6 76.3 114.5
121 29.3 24.6 37.0

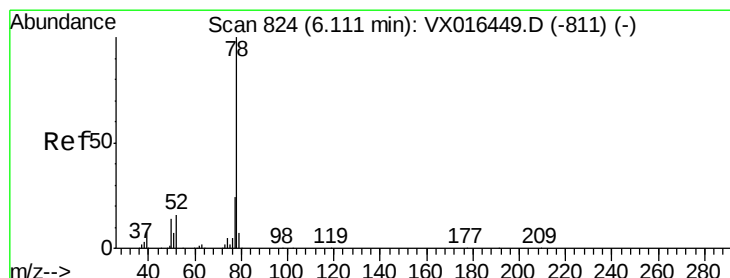
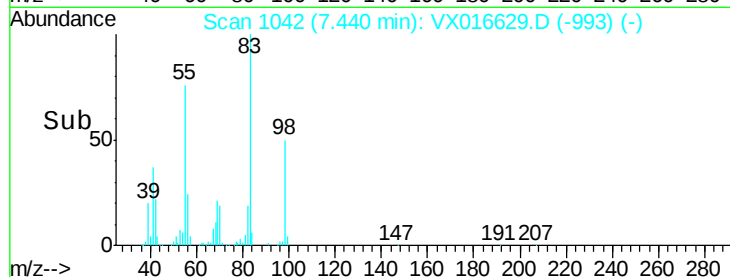
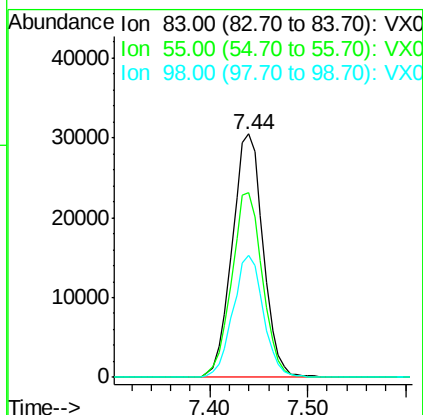
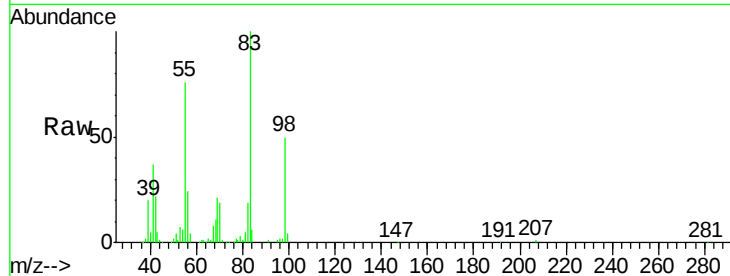




#39
Methylcyclohexane
Concen: 18.40 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

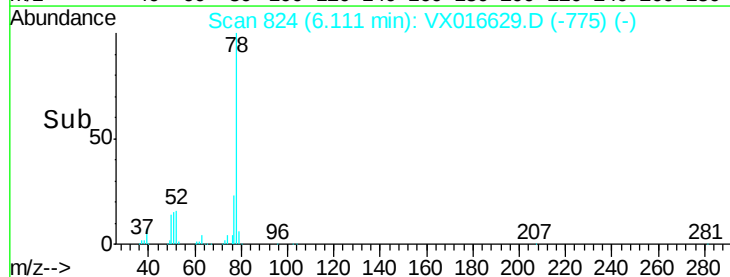
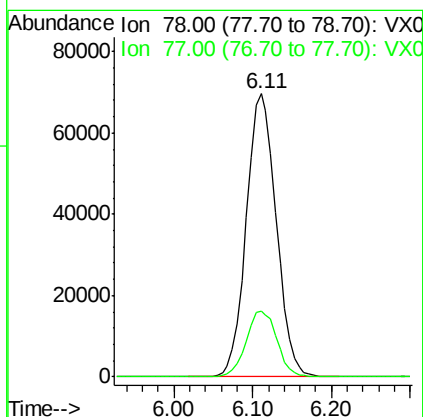
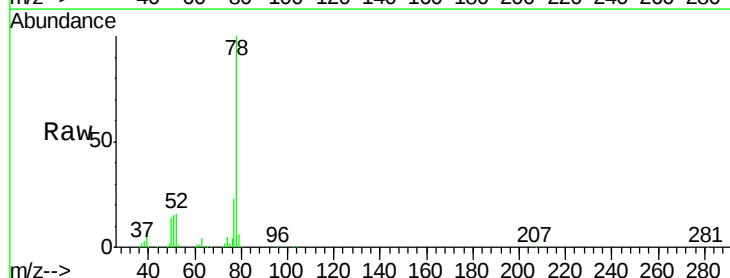
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion: 83 Resp: 66951
Ion Ratio Lower Upper
83 100
55 76.1 61.7 92.5
98 49.9 38.7 58.1



#40
Benzene
Concen: 18.42 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion: 78 Resp: 183719
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

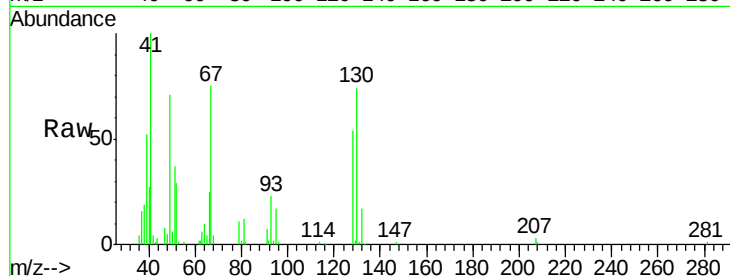




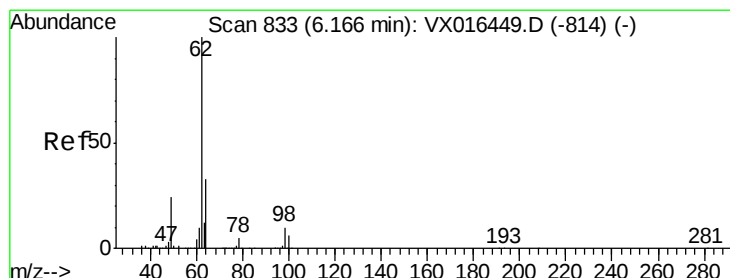
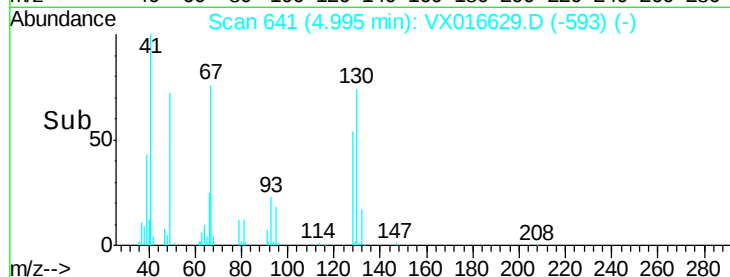
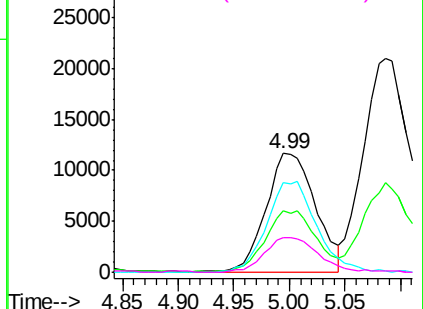
#41
Methacrylonitrile
Concen: 16.41 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion:	41	Resp:	36253
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.0	64.4
67	75.9	58.9	88.3
52	32.1	23.1	34.7

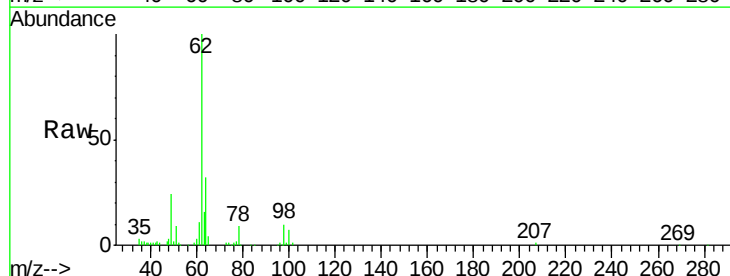


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

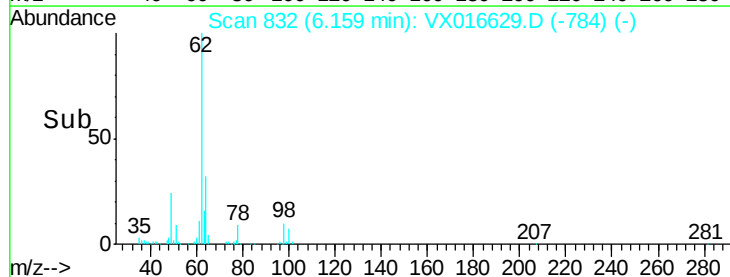
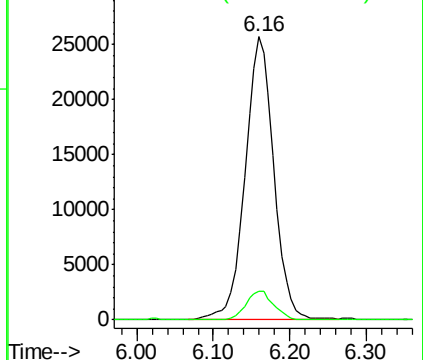


#42
1,2-Dichloroethane
Concen: 18.89 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion:	62	Resp:	67009
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 16.24 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

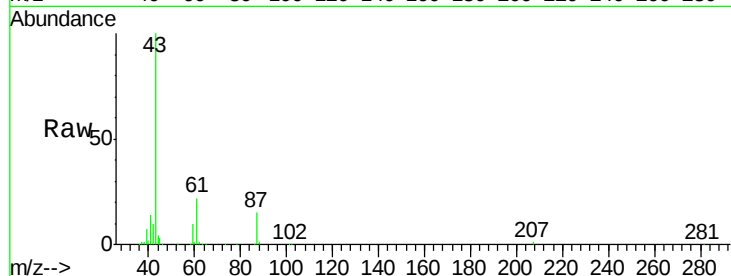
Tgt Ion: 43 Resp: 101842

Ion Ratio Lower Upper

43 100

61 22.3 16.8 25.2

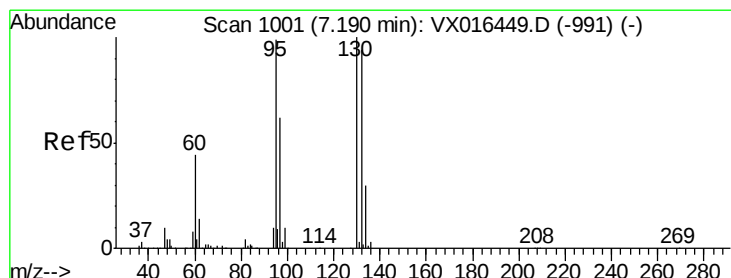
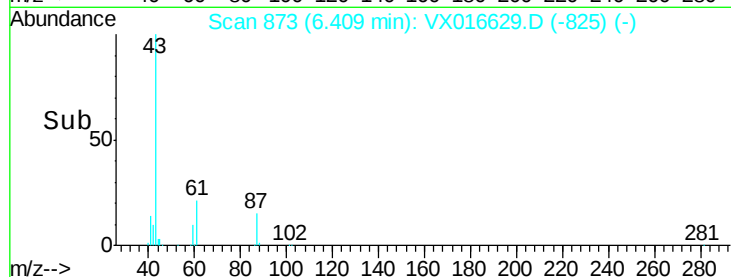
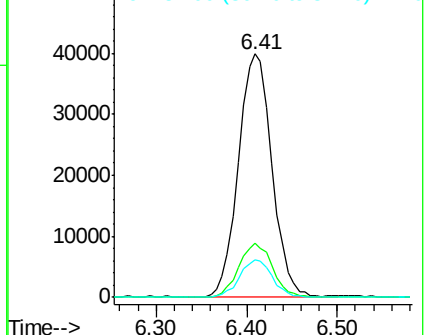
87 15.1 11.2 16.8



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: 19.80 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016629.D

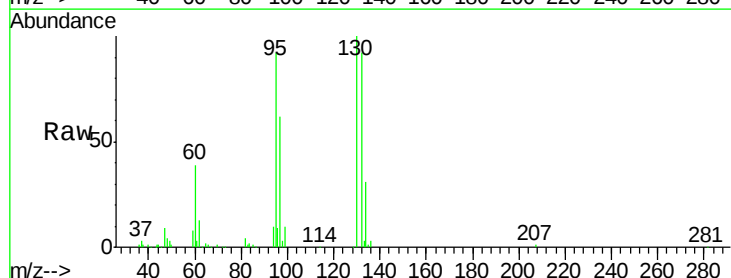
Acq: 08 Jun 2020 11:30

Tgt Ion: 130 Resp: 62658

Ion Ratio Lower Upper

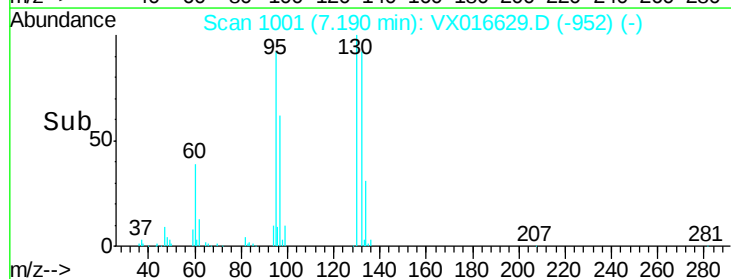
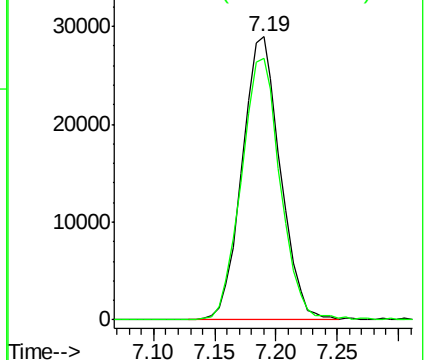
130 100

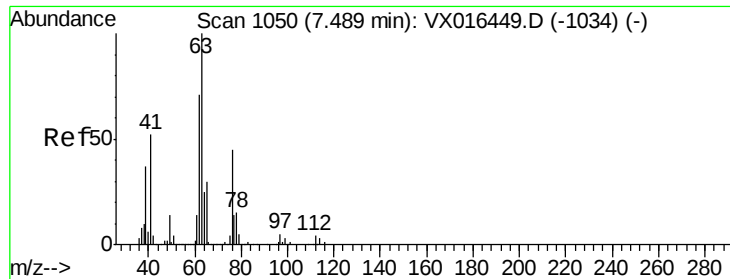
95 92.4 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

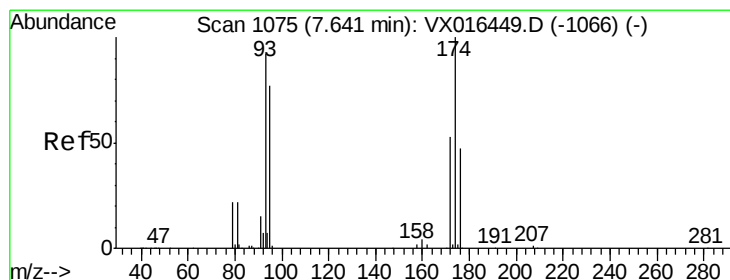
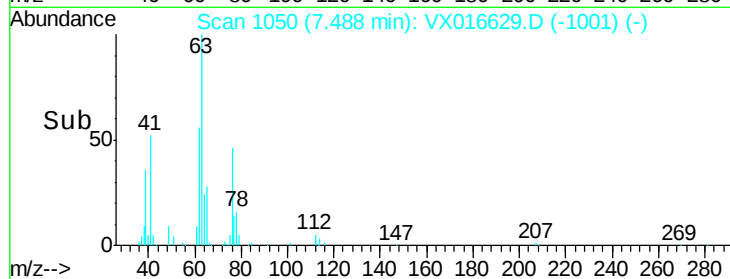
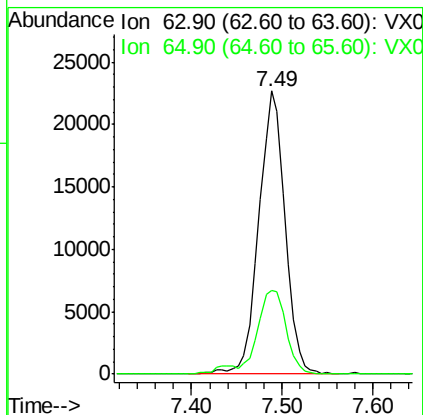
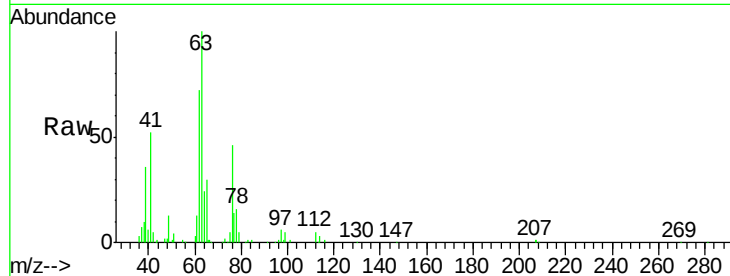




#45
 1,2-Dichloropropane
 Concen: 17.93 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

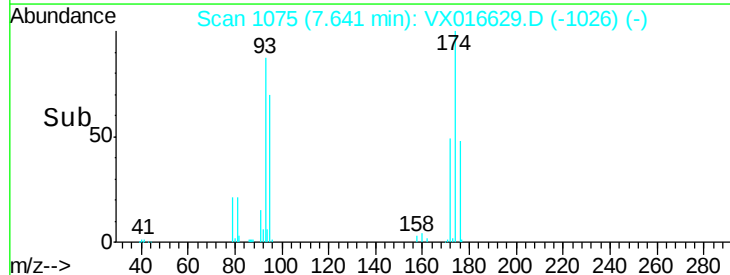
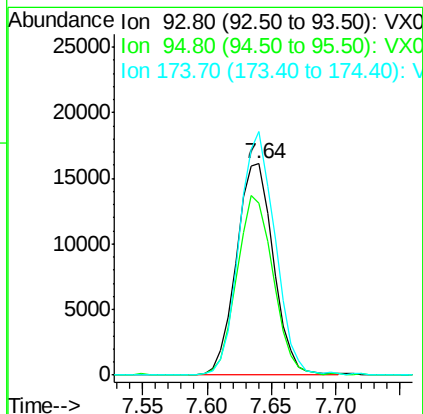
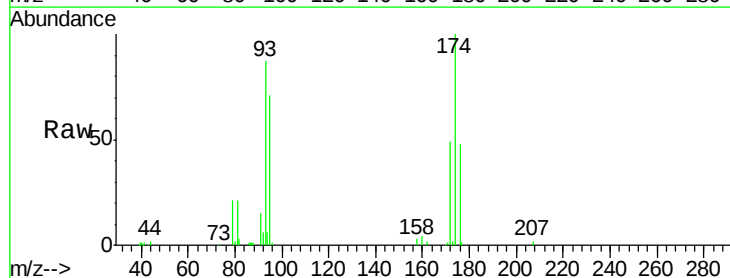
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

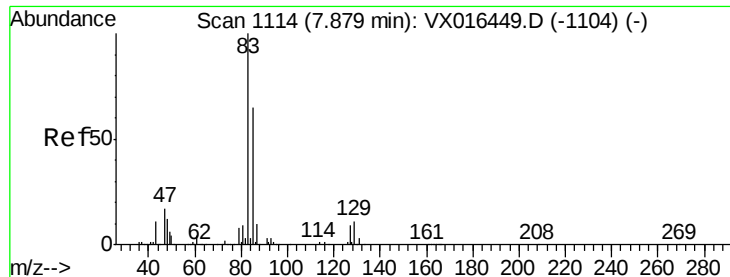
Tgt Ion: 63 Resp: 45519
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.2 36.2



#46
 Dibromomethane
 Concen: 18.87 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion: 93 Resp: 32191
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 100.0
 174 110.9 86.2 129.4





#47

Bromodichloromethane

Concen: 19.14 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

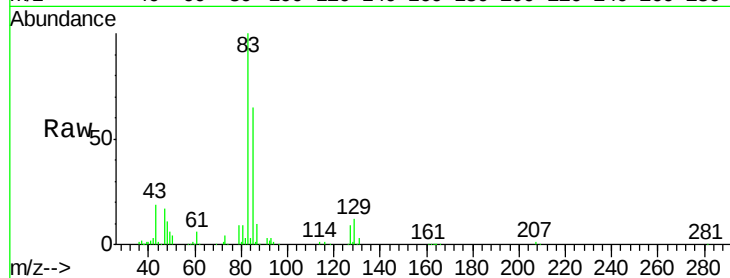
Tgt Ion: 83 Resp: 67608

Ion Ratio Lower Upper

83 100

85 65.1 52.0 78.0

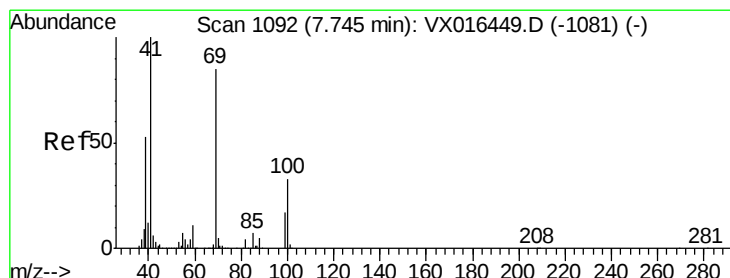
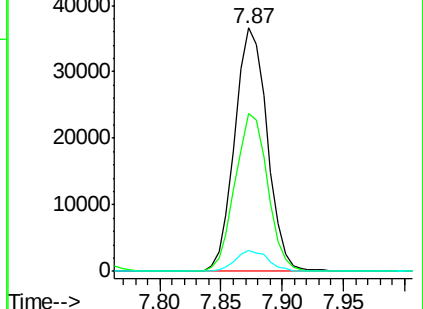
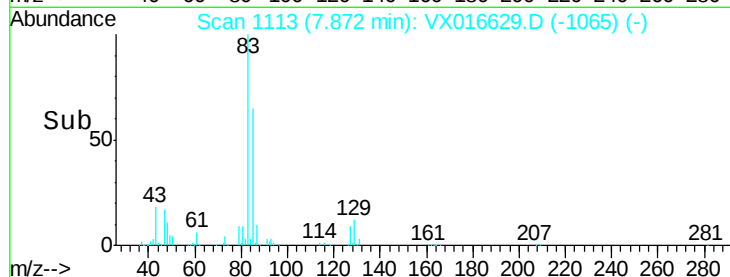
127 8.7 7.4 11.0



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: 16.06 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

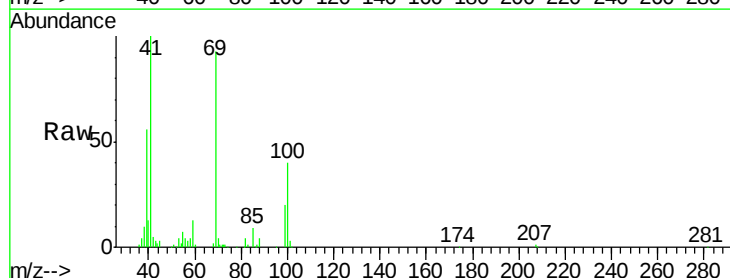
Tgt Ion: 41 Resp: 48222

Ion Ratio Lower Upper

41 100

69 92.7 68.6 102.8

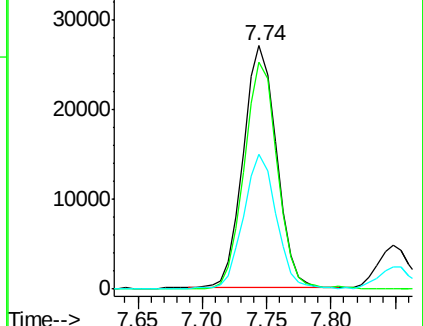
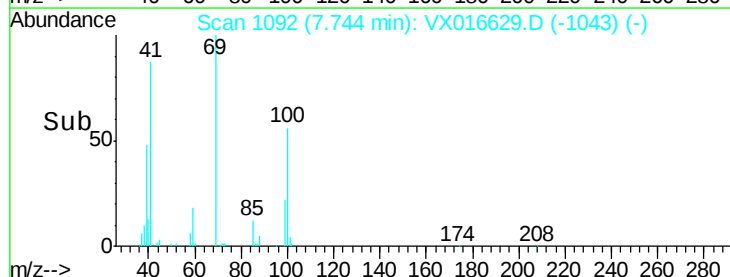
39 54.0 42.4 63.6

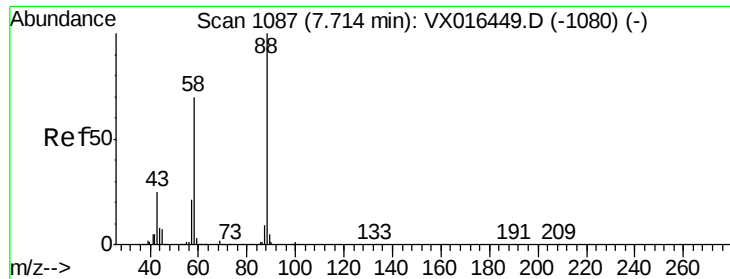


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

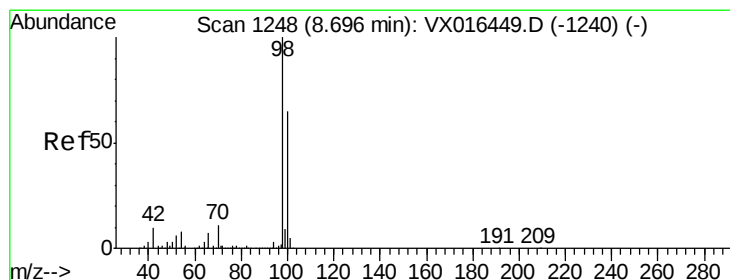
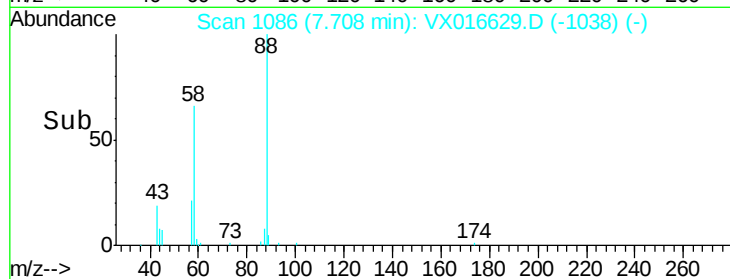
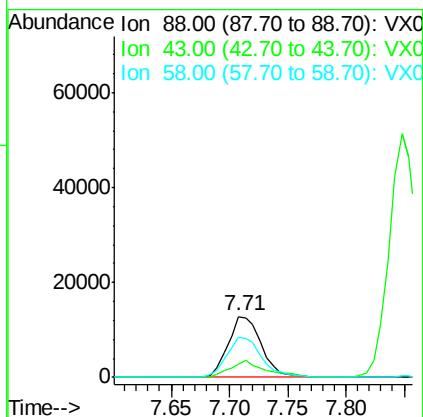
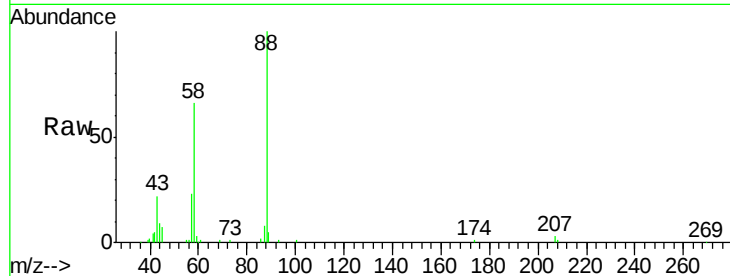




#49
1,4-Dioxane
Concen: 363.67 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

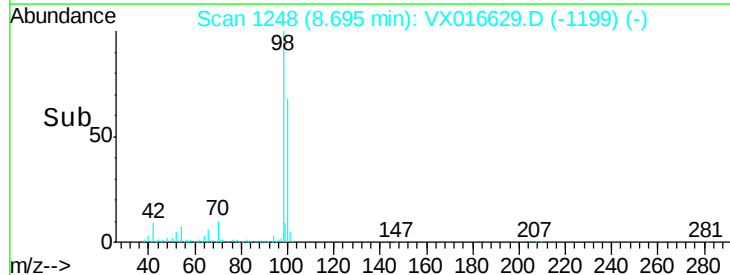
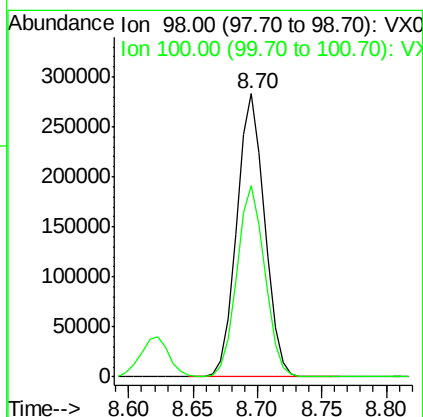
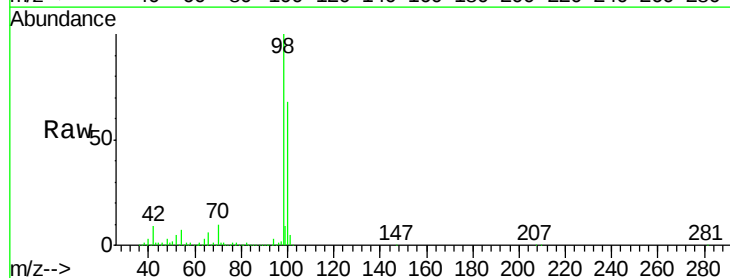
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion: 88 Resp: 25561
Ion Ratio Lower Upper
88 100
43 30.0 24.2 36.4
58 68.3 56.5 84.7



#50
Toluene-d8
Concen: 50.15 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion: 98 Resp: 425235
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.6

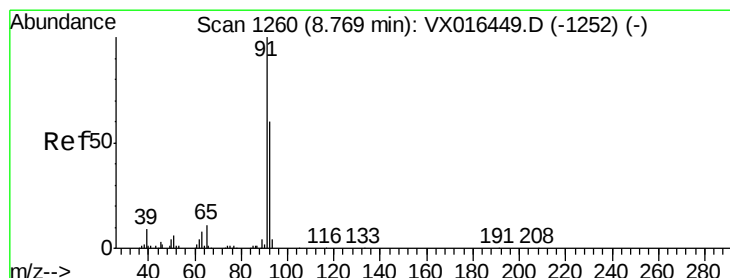
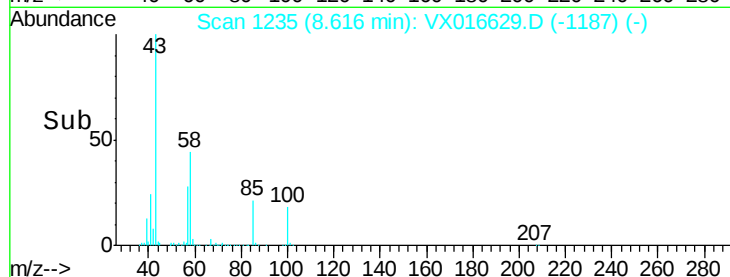
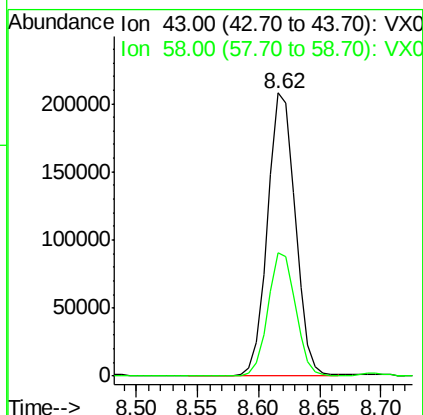
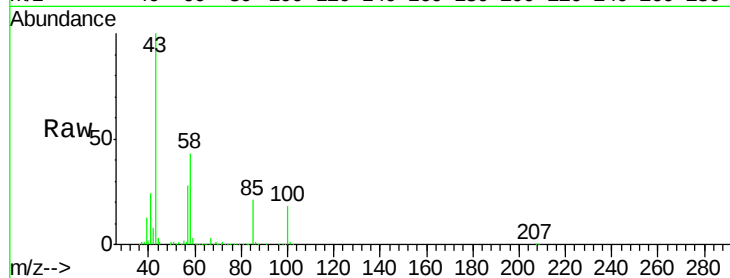




#51
 4-Methyl-2-Pentanone
 Concen: 83.95 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

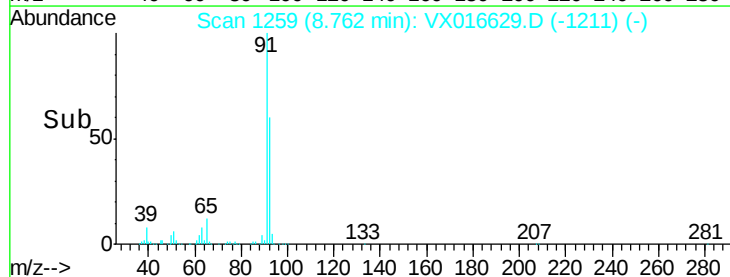
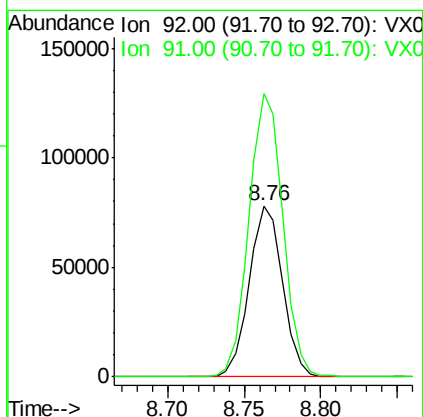
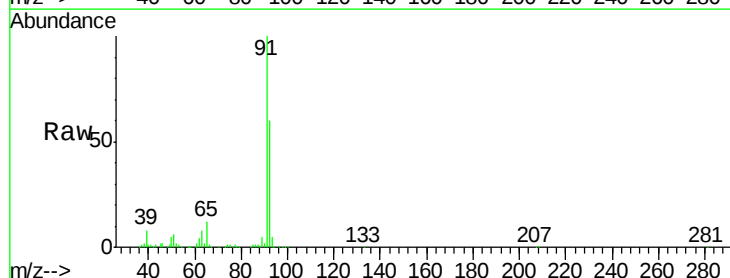
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

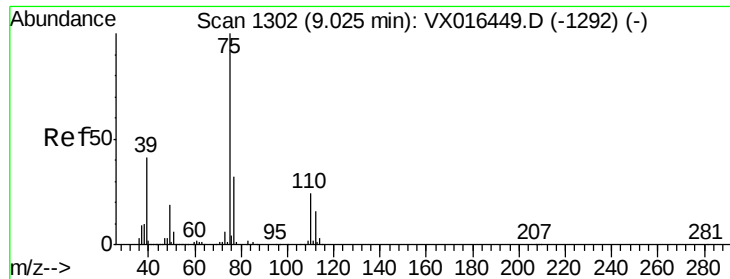
Tgt Ion: 43 Resp: 327888
 Ion Ratio Lower Upper
 43 100
 58 43.3 33.0 49.6



#52
 Toluene
 Concen: 18.84 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion: 92 Resp: 118525
 Ion Ratio Lower Upper
 92 100
 91 168.4 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 18.95 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

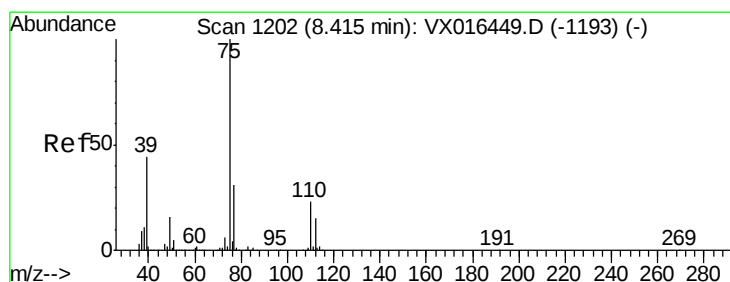
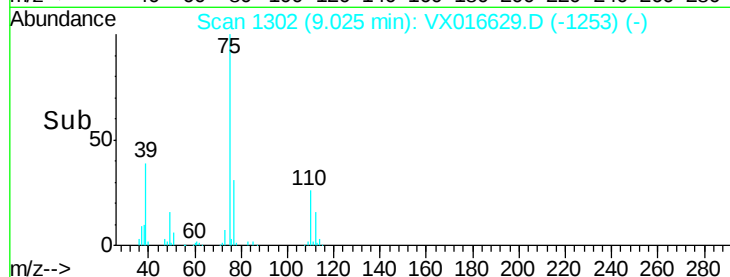
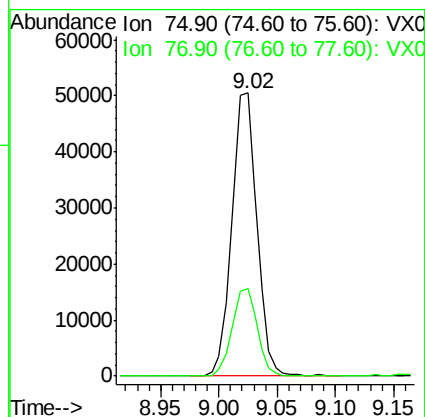
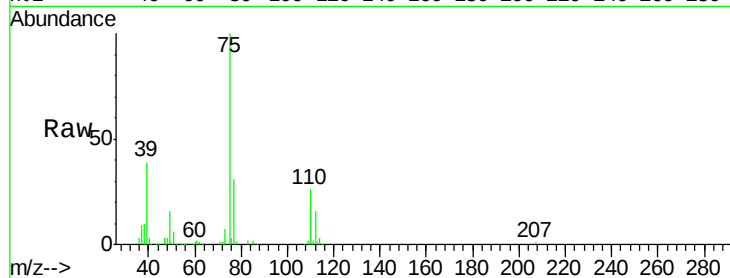
VX0608WBS01

Tgt Ion: 75 Resp: 76079

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.92 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

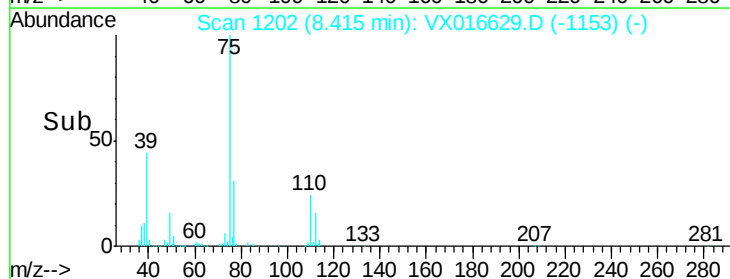
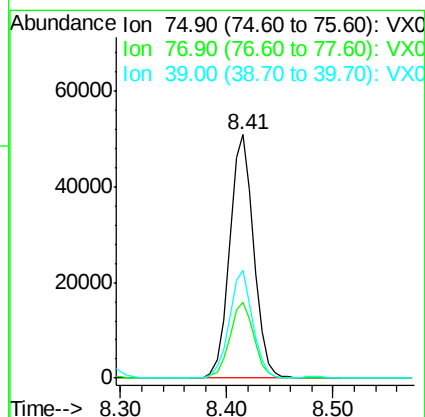
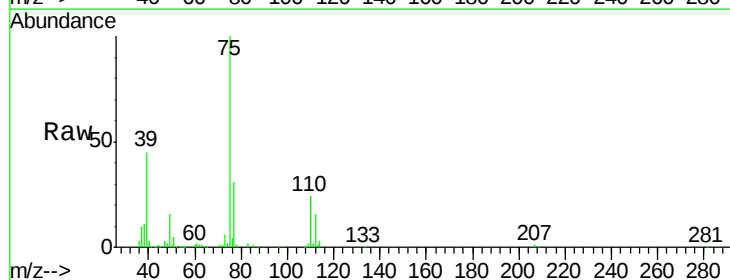
Tgt Ion: 75 Resp: 80430

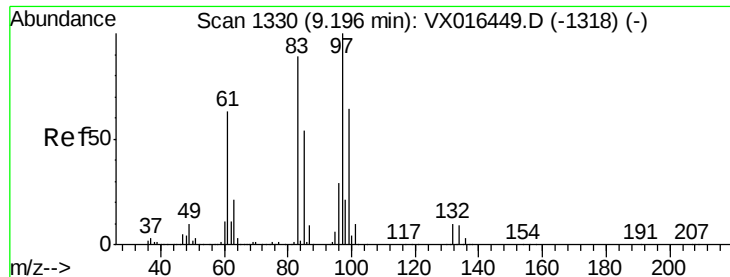
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 44.4 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 19.05 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion: 97 Resp: 47642

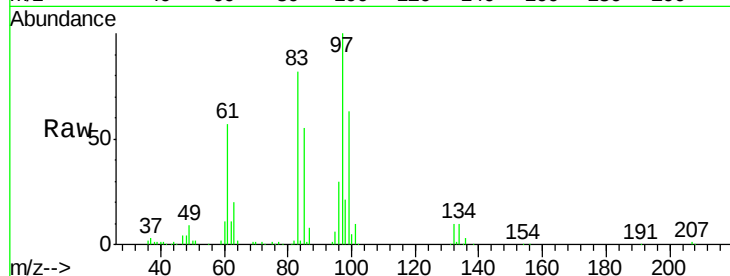
Ion Ratio Lower Upper

97 100

83 82.4 70.9 106.3

85 55.3 43.4 65.2

99 63.2 51.0 76.6

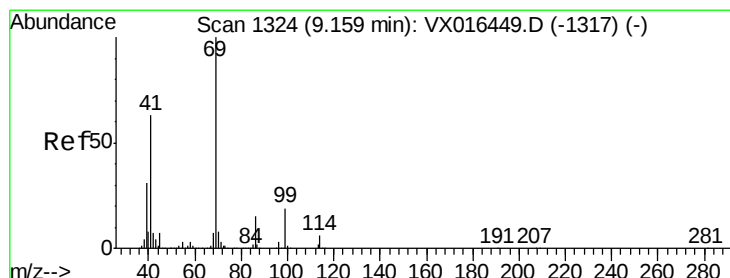
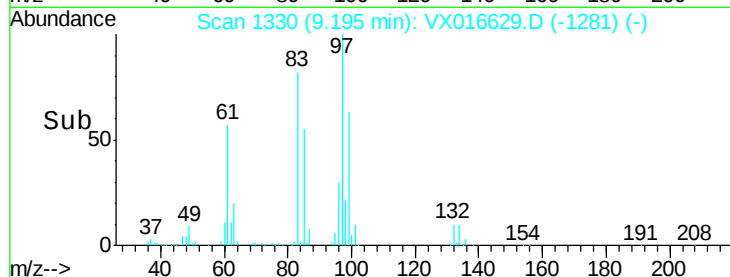
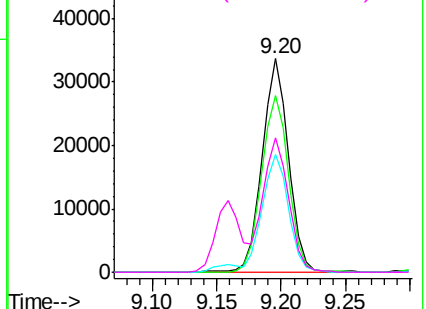


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 17.44 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

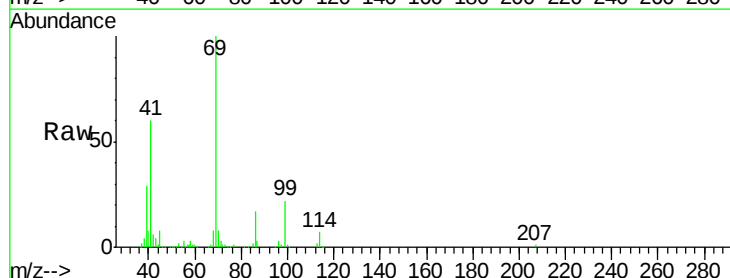
Tgt Ion: 69 Resp: 71025

Ion Ratio Lower Upper

69 100

41 60.9 50.7 76.1

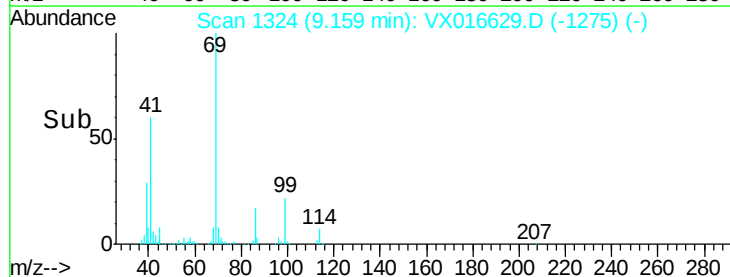
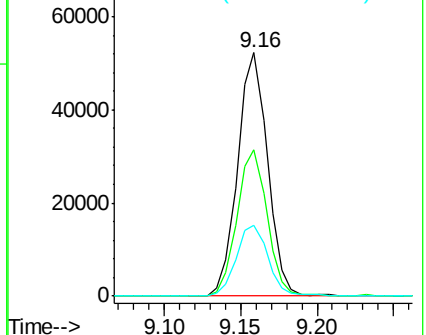
39 31.0 25.8 38.6

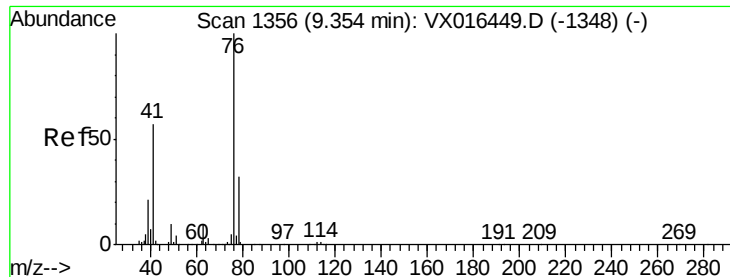


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.83 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

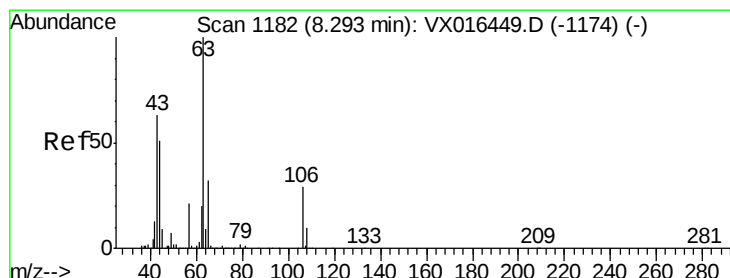
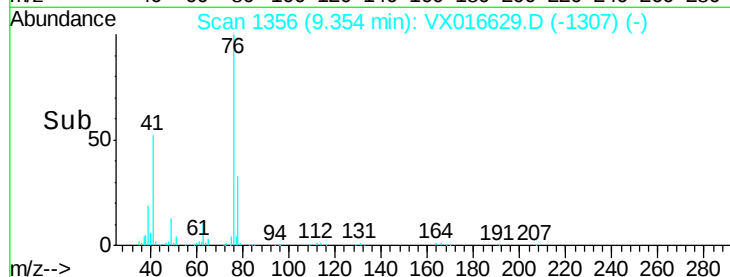
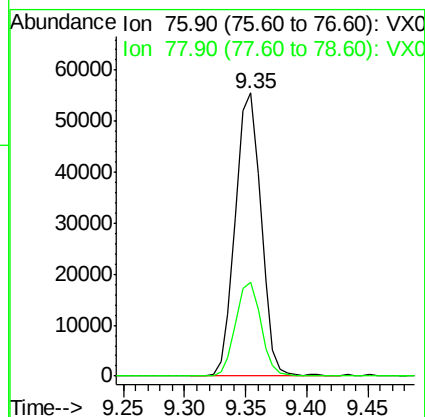
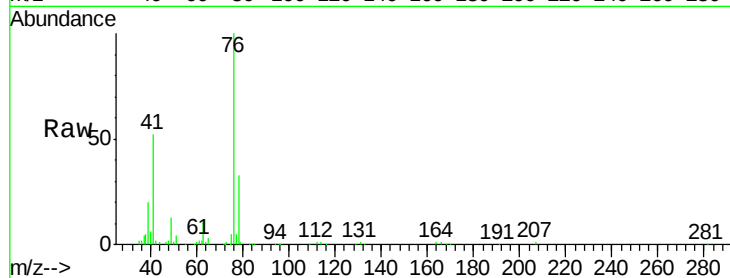
VX0608WBS01

Tgt Ion: 76 Resp: 80830

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 86.58 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016629.D

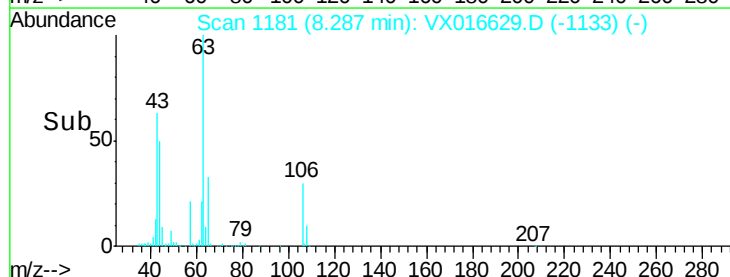
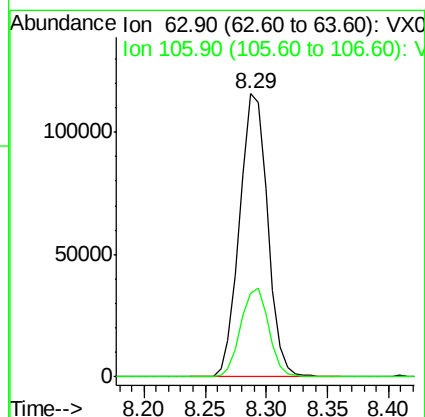
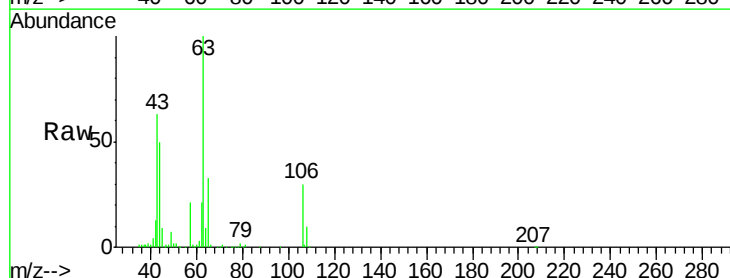
Acq: 08 Jun 2020 11:30

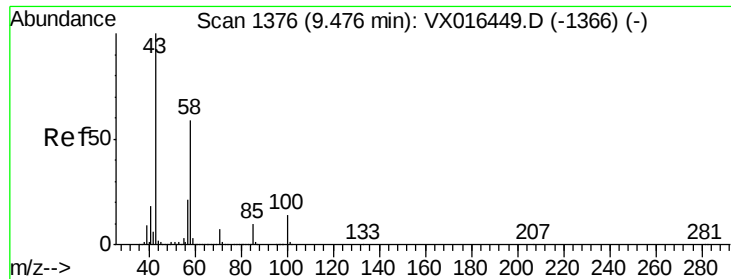
Tgt Ion: 63 Resp: 184058

Ion Ratio Lower Upper

63 100

106 31.5 23.2 34.8

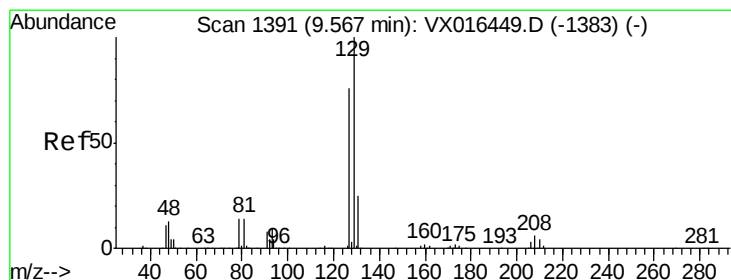
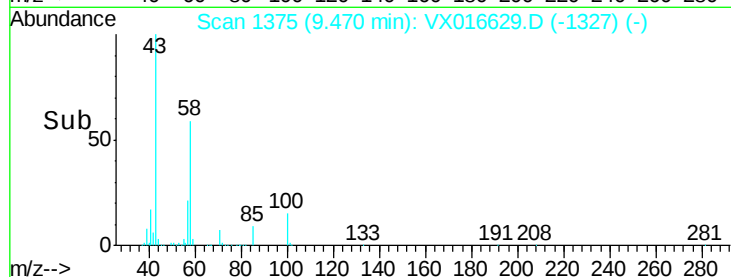
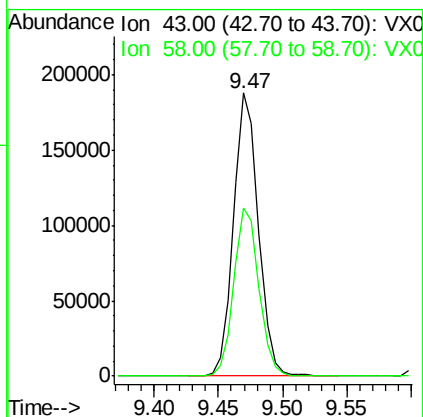
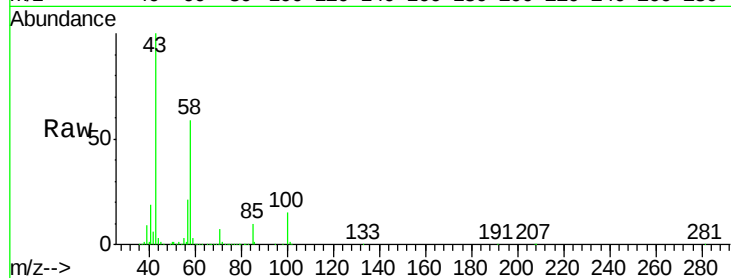




#59
2-Hexanone
Concen: 83.50 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

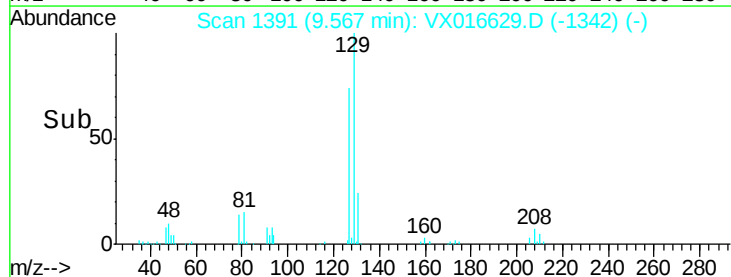
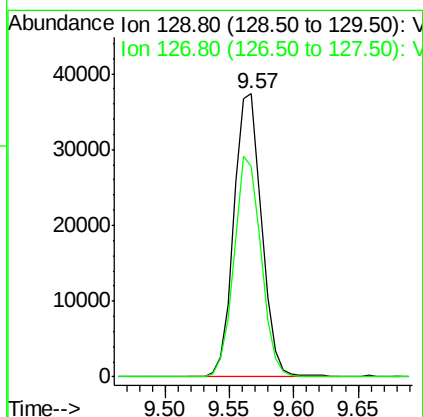
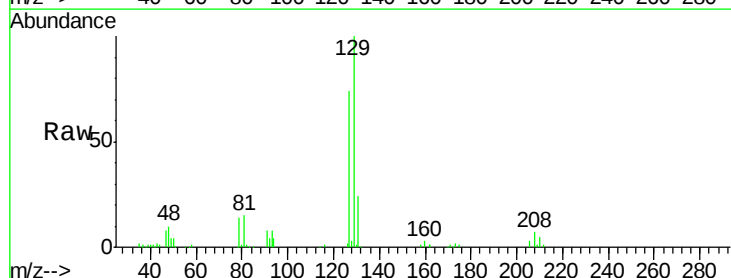
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

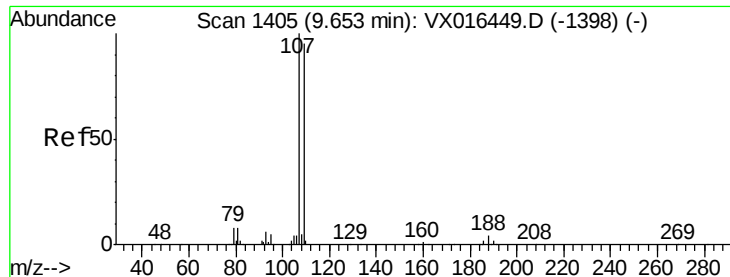
Tgt Ion: 43 Resp: 253625
Ion Ratio Lower Upper
43 100
58 60.0 28.8 86.4



#60
Dibromochloromethane
Concen: 19.99 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion: 129 Resp: 56247
Ion Ratio Lower Upper
129 100
127 75.6 38.6 116.0

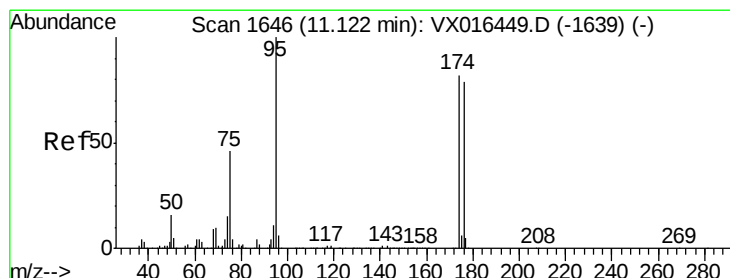
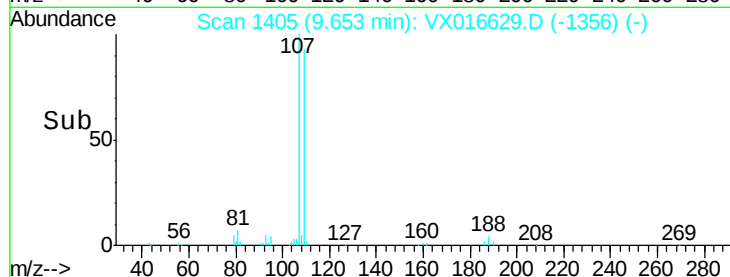
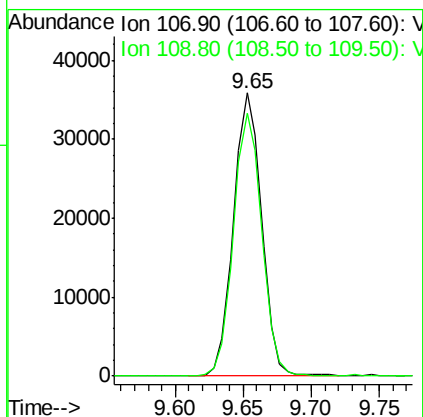
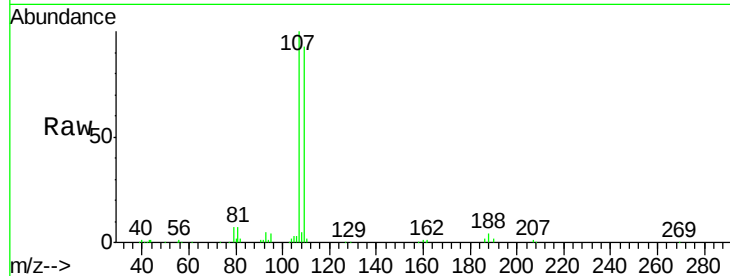




#61
 1,2-Dibromoethane
 Concen: 19.32 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

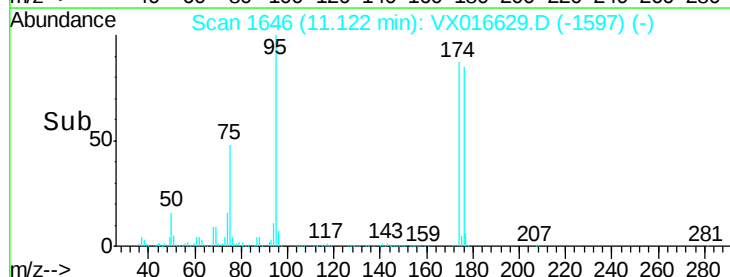
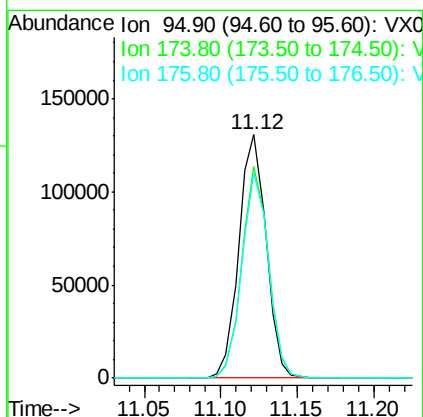
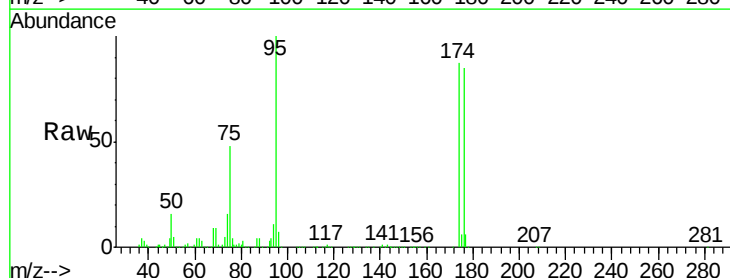
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

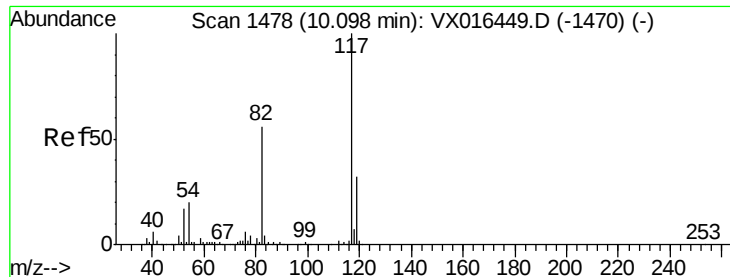
Tgt Ion: 107 Resp: 51751
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 49.27 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion: 95 Resp: 161420
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 163.0
 176 82.7 0.0 156.8

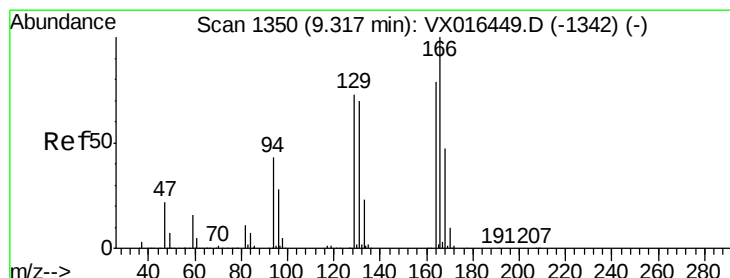
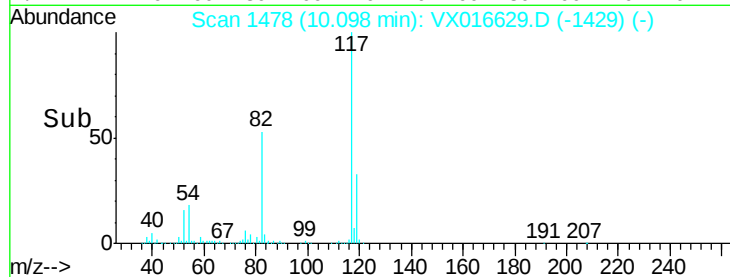
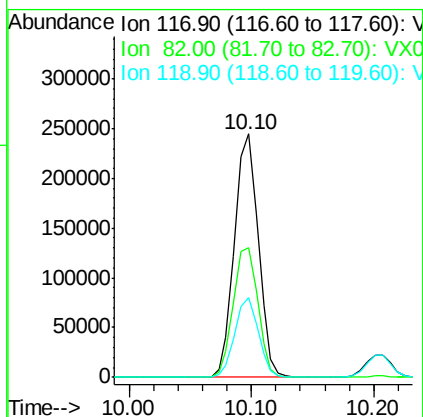
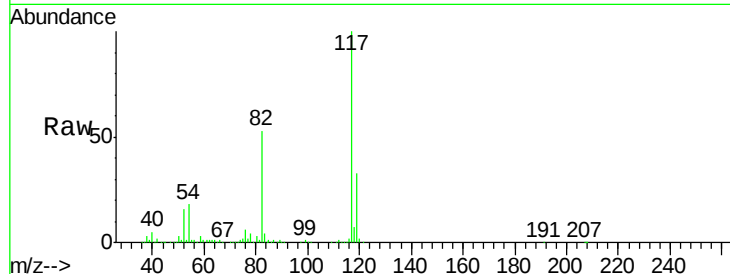




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

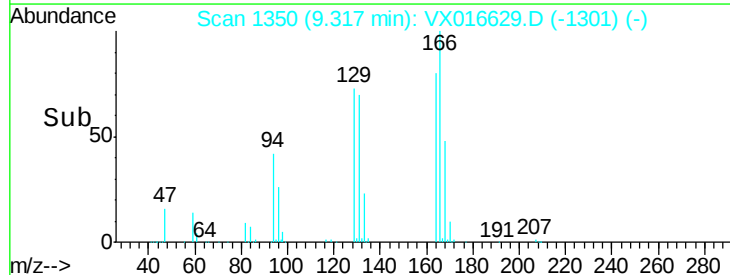
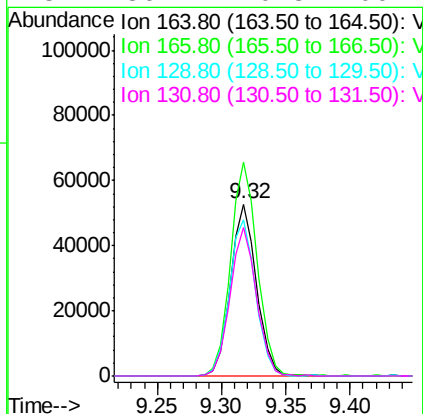
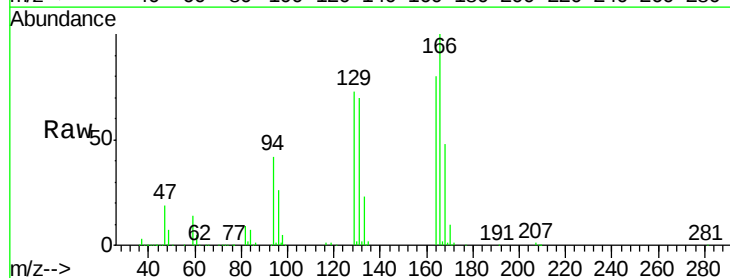
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

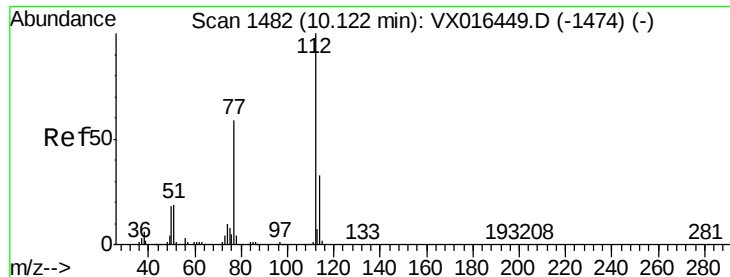
Tgt Ion:117 Resp: 330750
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.6
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 20.12 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion:164 Resp: 74460
Ion Ratio Lower Upper
164 100
166 124.3 100.9 151.3
129 90.8 73.2 109.8
131 86.7 70.8 106.2

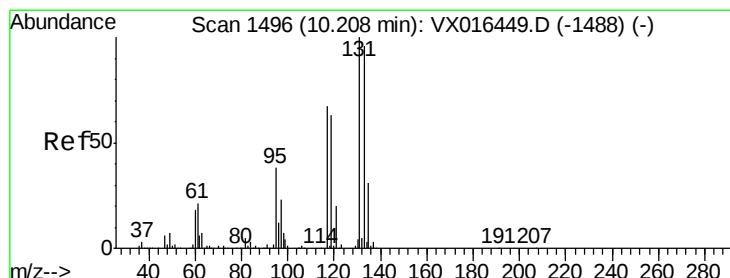
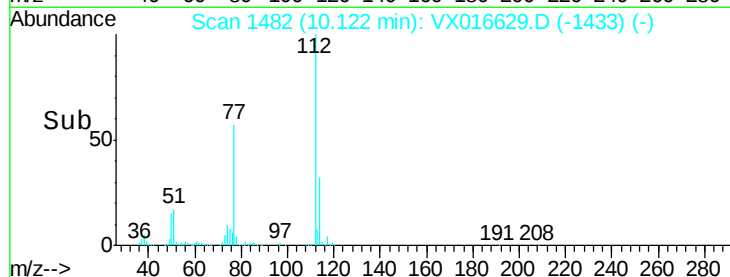
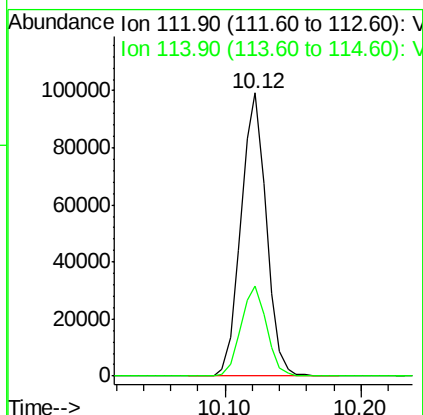
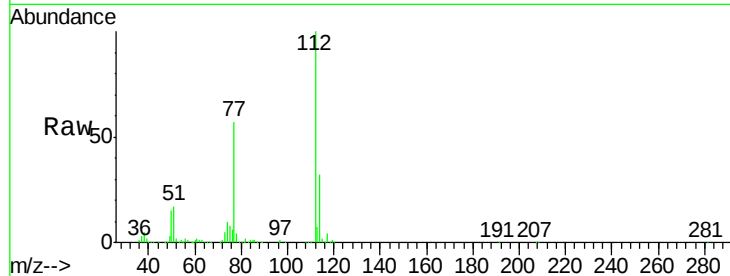




#65
Chlorobenzene
Concen: 19.13 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

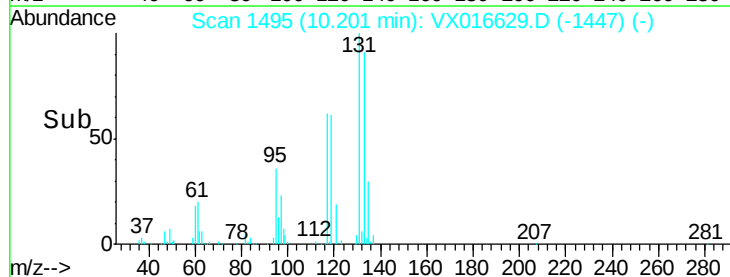
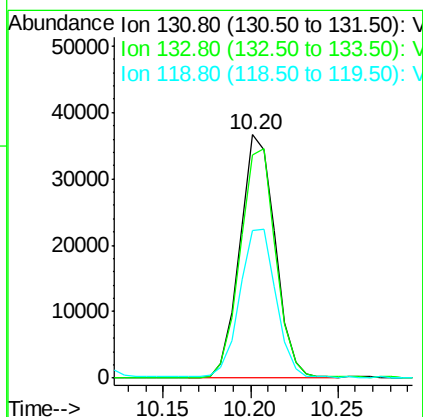
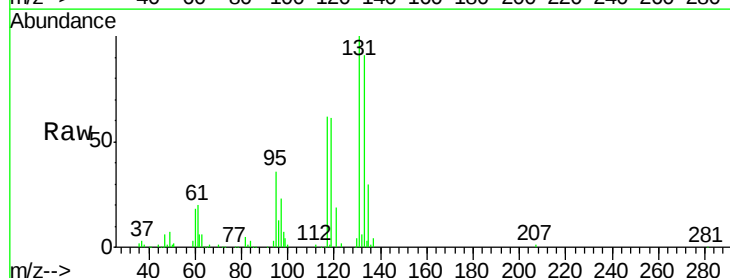
Instrument :
MSVOA_X
ClientSampled :
VX0608WBS01

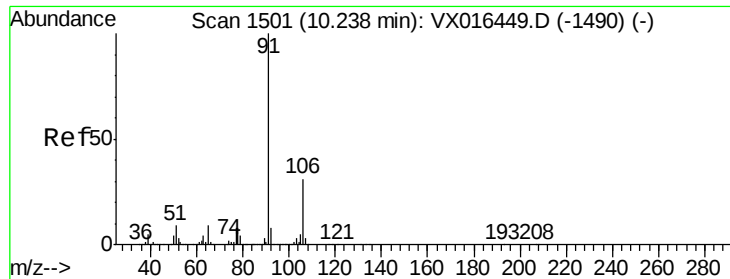
Tgt Ion:112 Resp: 128962
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.00 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion:131 Resp: 51477
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.3
119 63.4 32.0 96.2

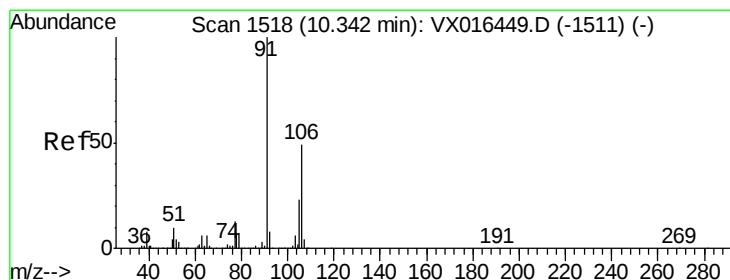
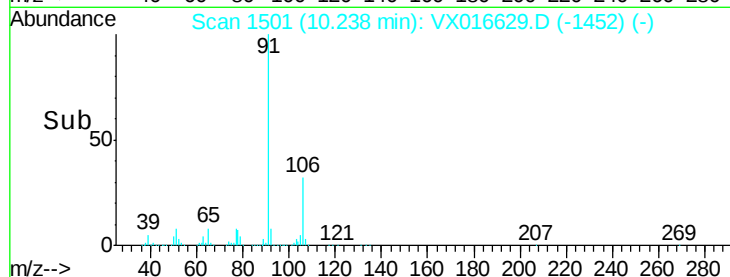
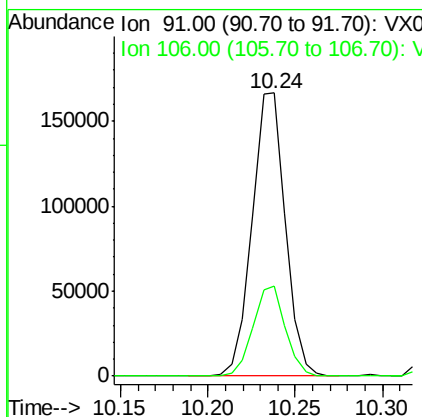
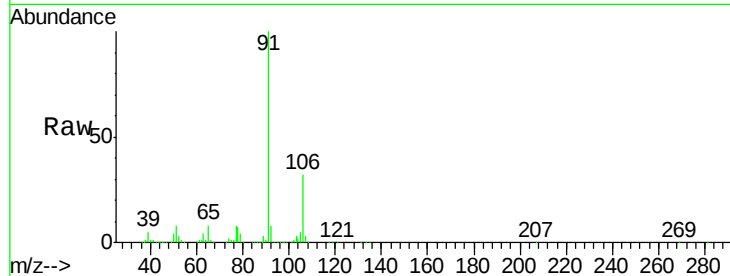




#67
Ethyl Benzene
Concen: 18.48 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

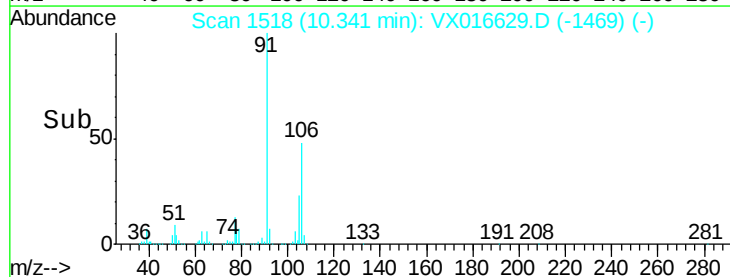
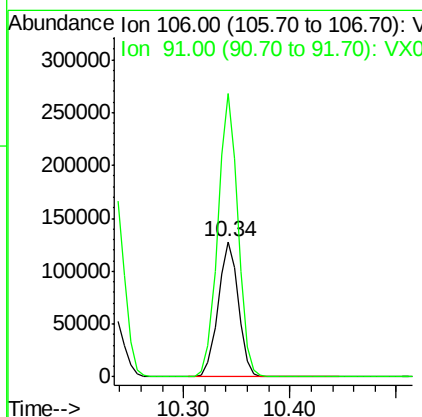
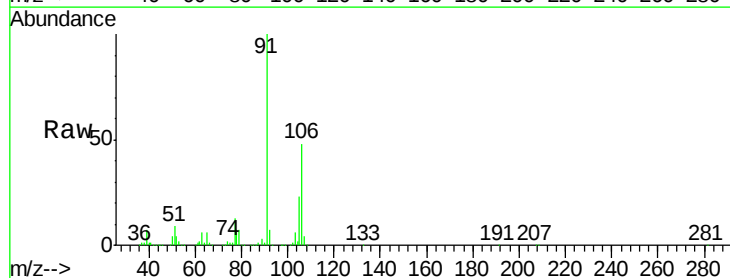
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

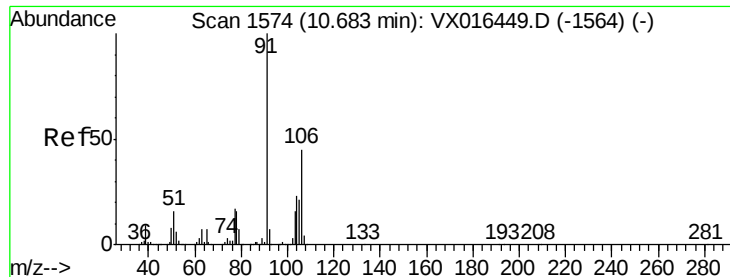
Tgt Ion: 91 Resp: 221870
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4



#68
m/p-Xylenes
Concen: 37.95 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion: 106 Resp: 168937
Ion Ratio Lower Upper
106 100
91 207.6 163.8 245.8

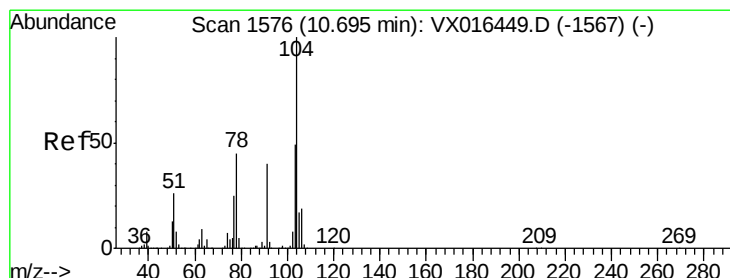
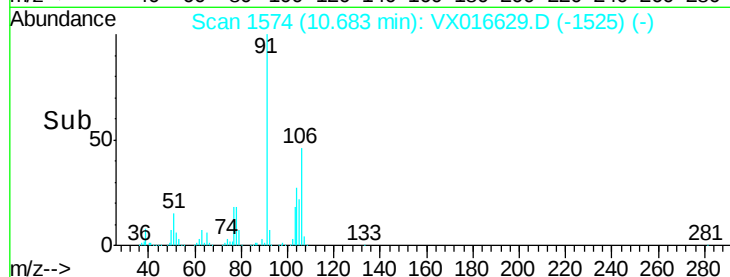
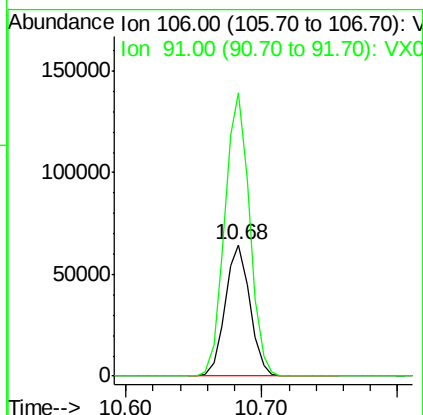
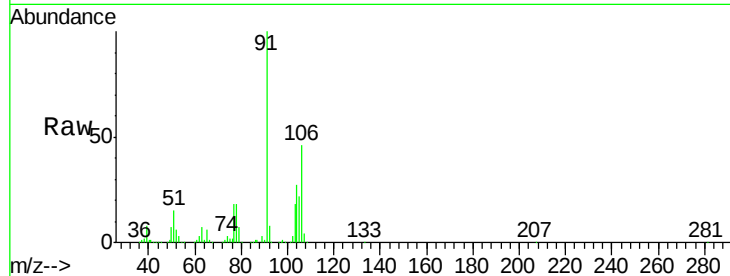




#69
o-Xylene
Concen: 18.77 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

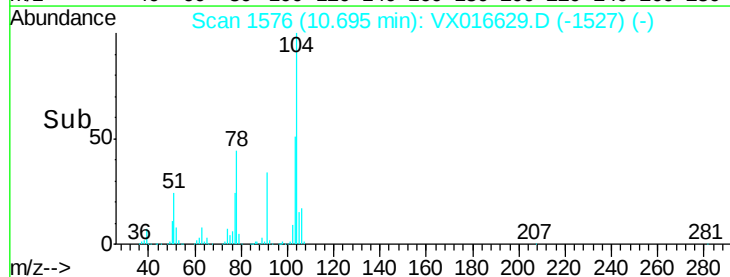
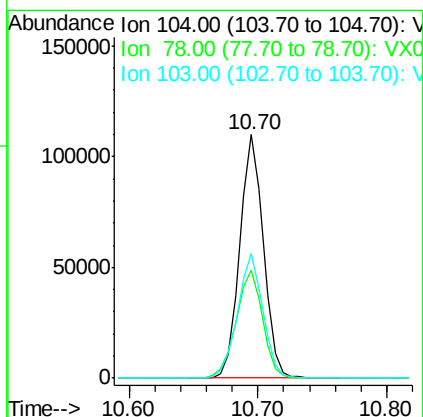
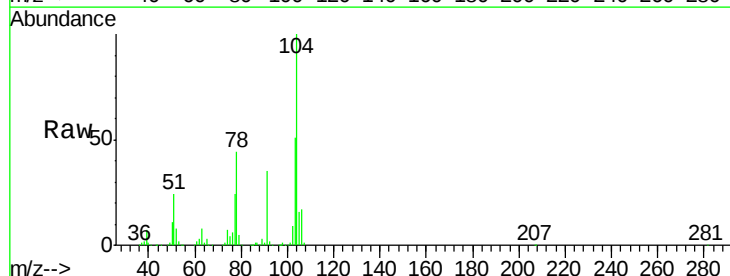
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

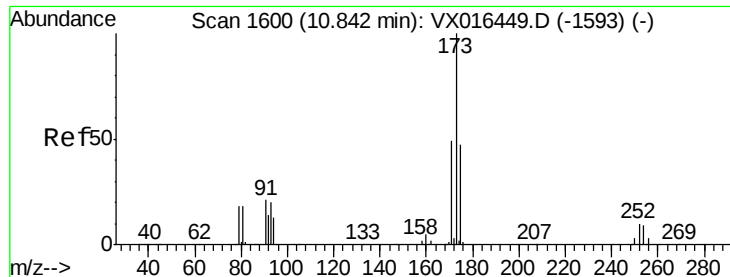
Tgt Ion:106 Resp: 80900
Ion Ratio Lower Upper
106 100
91 218.3 109.6 328.8



#70
Styrene
Concen: 18.86 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion:104 Resp: 139770
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 54.9 43.1 64.7





#71

Bromoform

Concen: 19.84 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

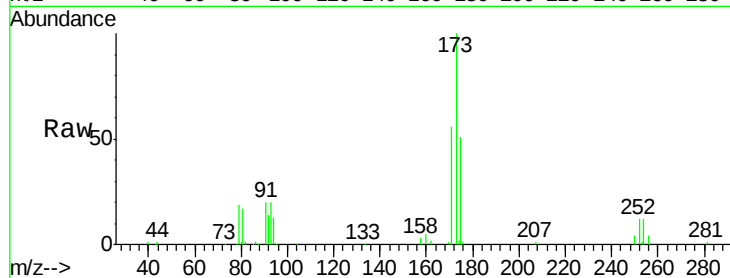
Tgt Ion:173 Resp: 43160

Ion Ratio Lower Upper

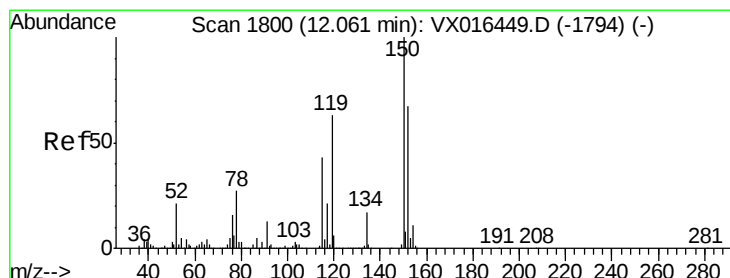
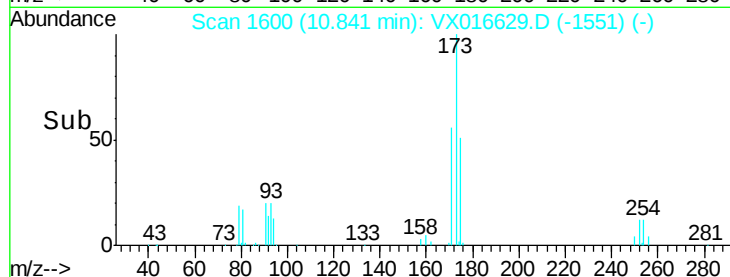
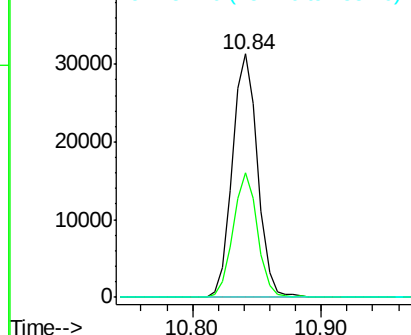
173 100

175 49.6 23.9 71.7

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

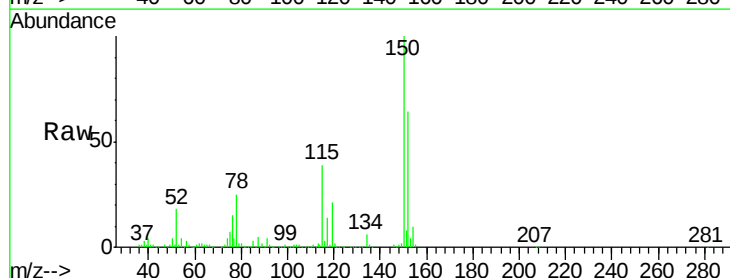
Tgt Ion:152 Resp: 168013

Ion Ratio Lower Upper

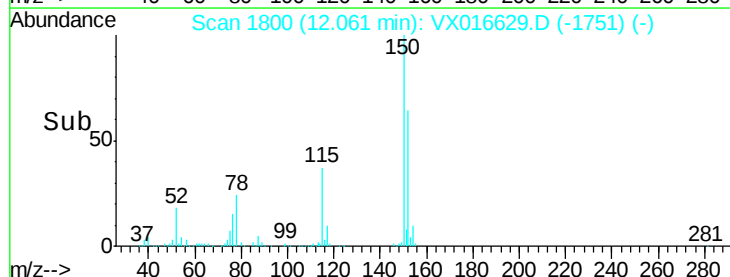
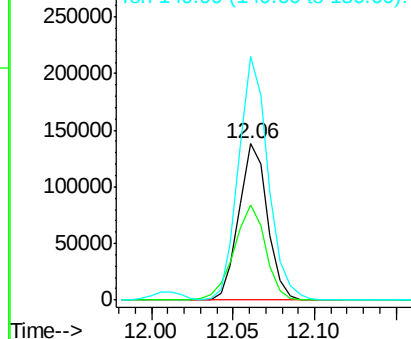
152 100

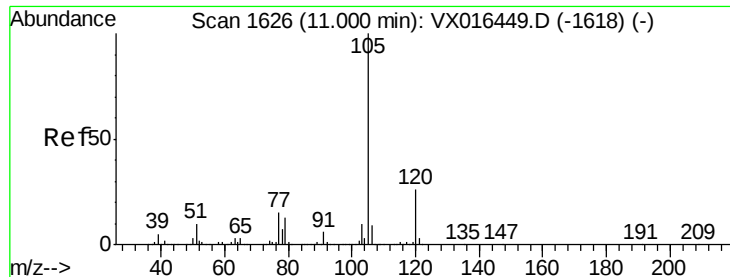
115 67.0 39.9 119.6

150 161.8 0.0 341.0



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





#73

Isopropylbenzene

Concen: 18.87 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

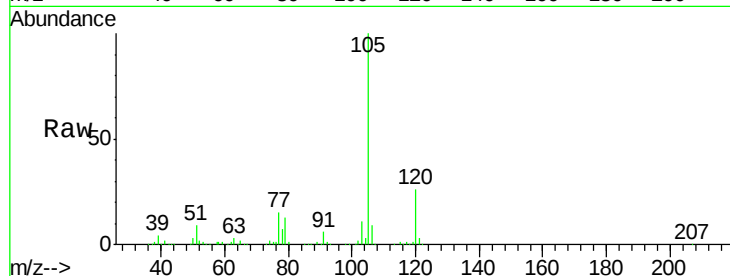
VX0608WBS01

Tgt Ion:105 Resp: 219647

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

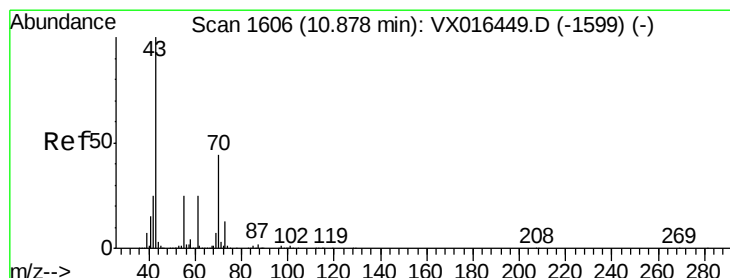
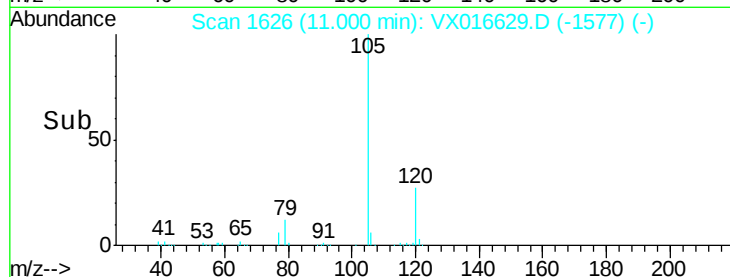
50000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 15.86 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion: 43 Resp: 84933

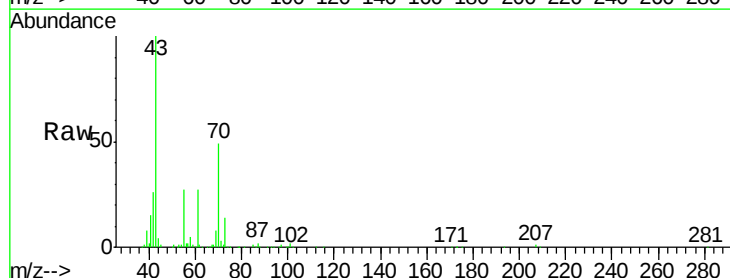
Ion Ratio Lower Upper

43 100

70 49.0 36.1 54.1

55 26.9 20.2 30.4

61 26.7 20.3 30.5



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

100000

80000

60000

40000

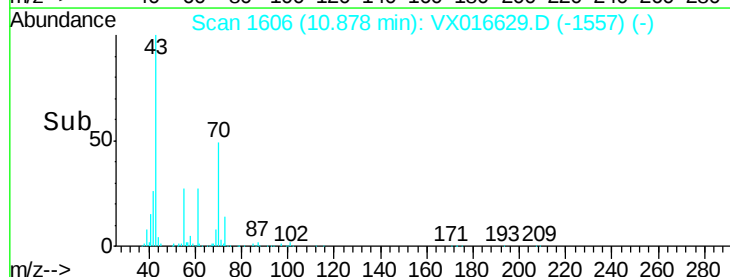
20000

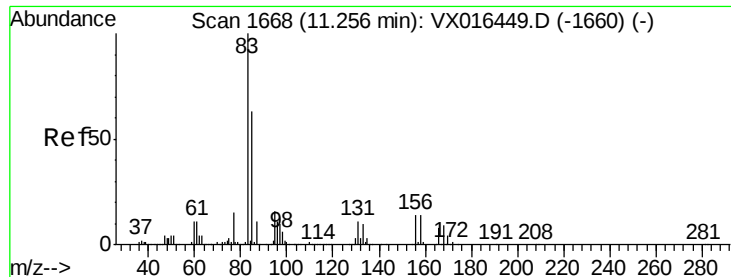
0

10.88

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.21 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

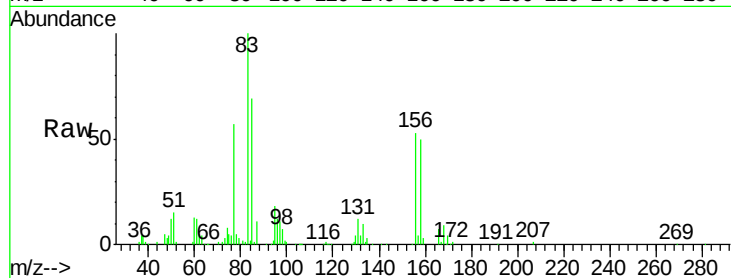
Tgt Ion: 83 Resp: 50222

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.3

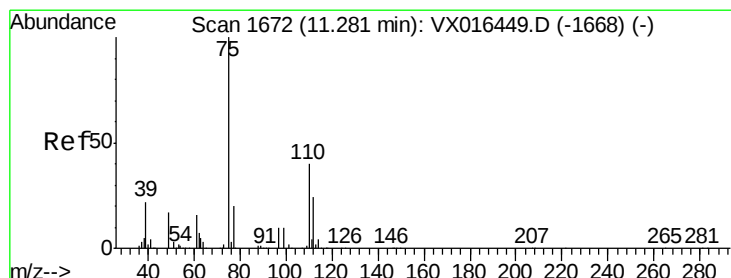
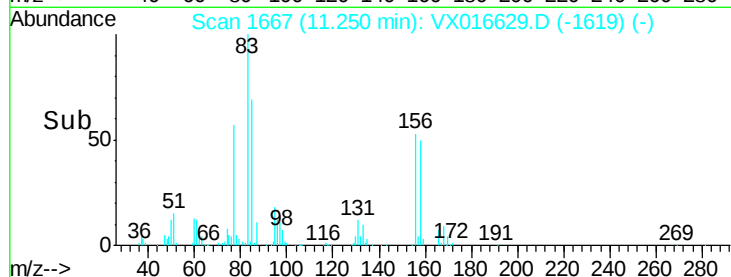
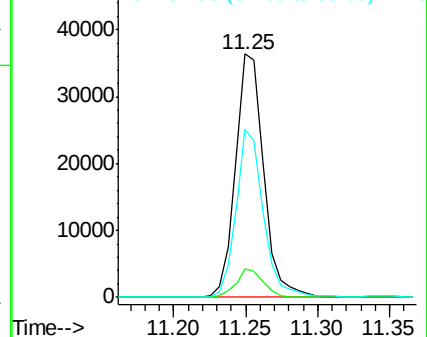
85 66.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.65 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016629.D

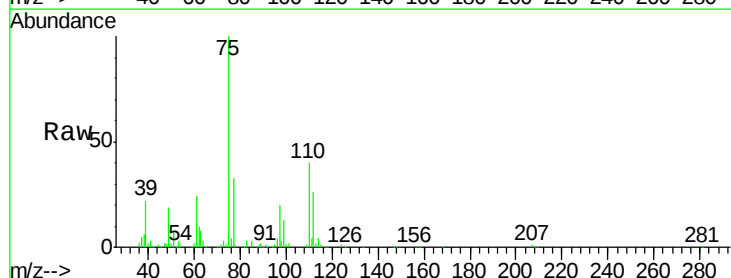
Acq: 08 Jun 2020 11:30

Tgt Ion: 75 Resp: 87339

Ion Ratio Lower Upper

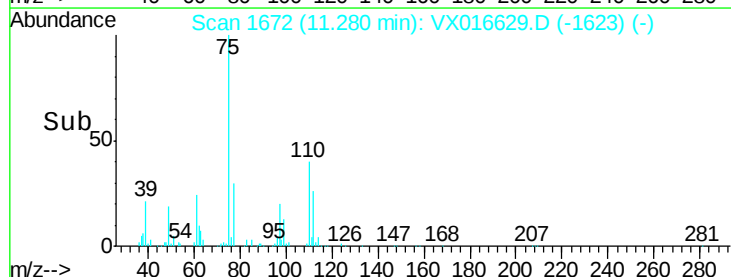
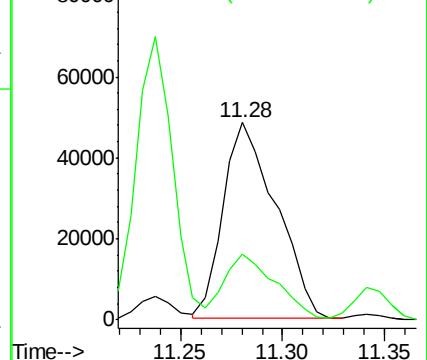
75 100

77 32.4 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.90 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

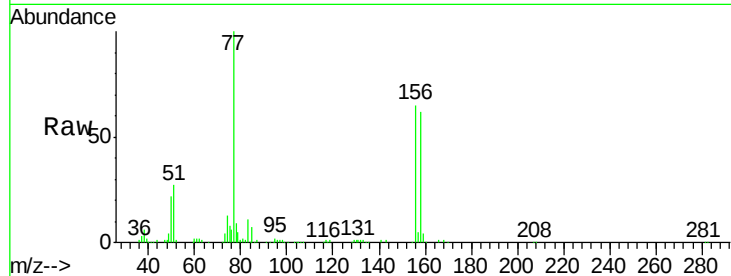
Tgt Ion:156 Resp: 57714

Ion Ratio Lower Upper

156 100

77 152.0 79.6 238.8

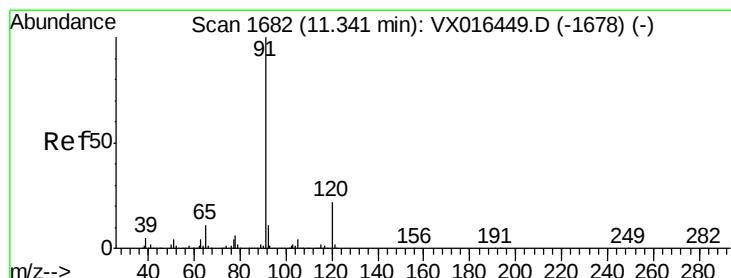
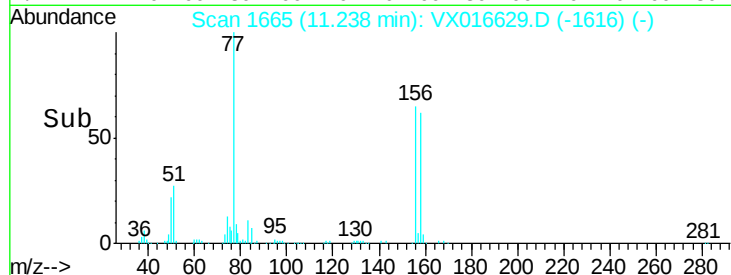
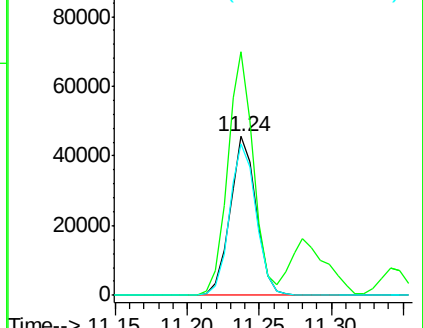
158 97.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.45 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016629.D

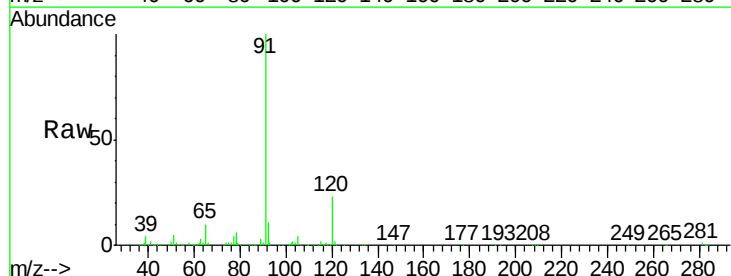
Acq: 08 Jun 2020 11:30

Tgt Ion: 91 Resp: 239951

Ion Ratio Lower Upper

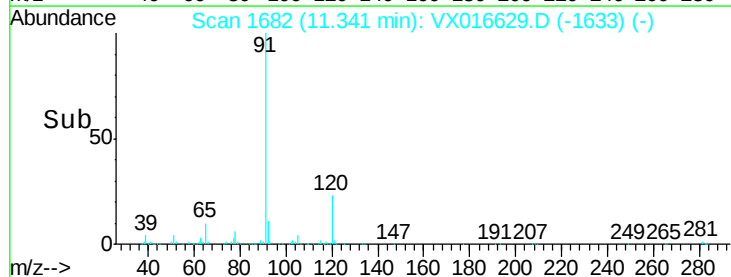
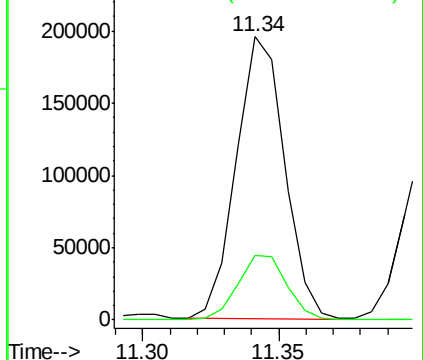
91 100

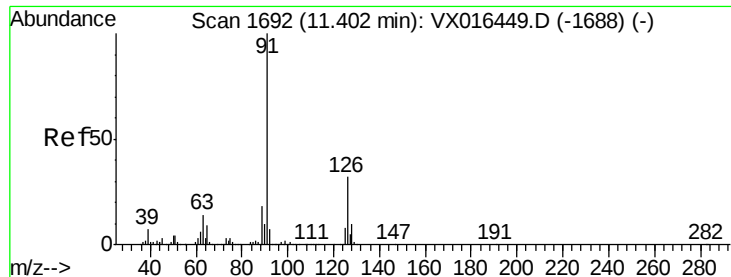
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.75 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

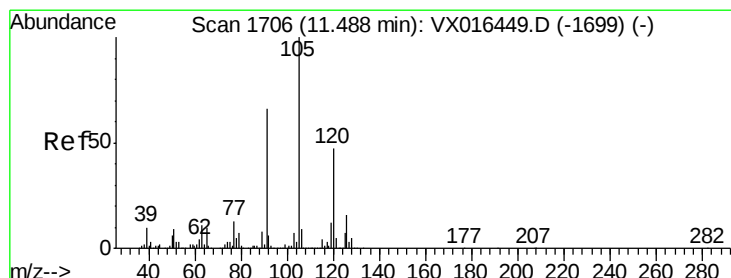
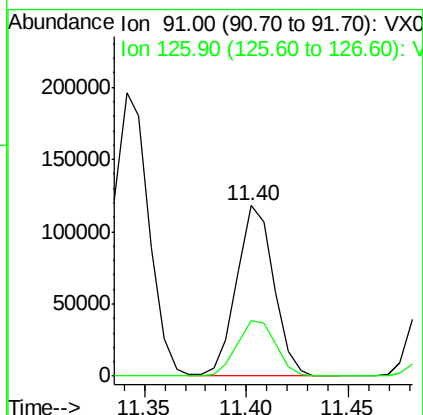
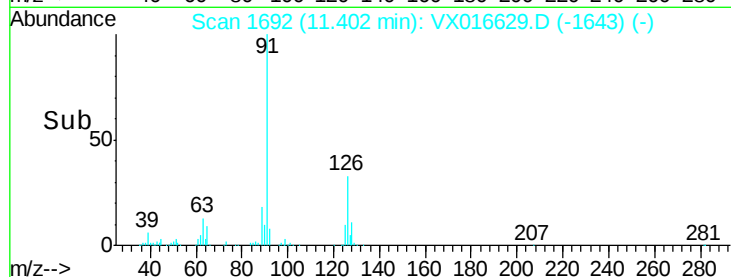
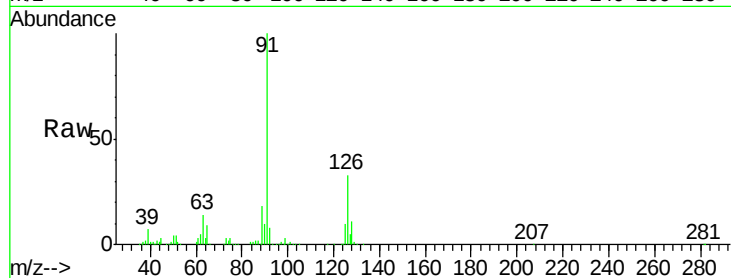
VX0608WBS01

Tgt Ion: 91 Resp: 148819

Ion Ratio Lower Upper

91 100

126 34.3 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 19.30 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016629.D

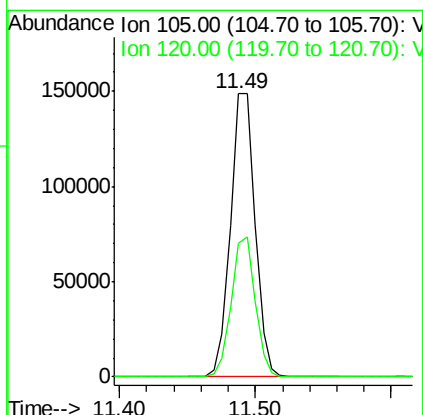
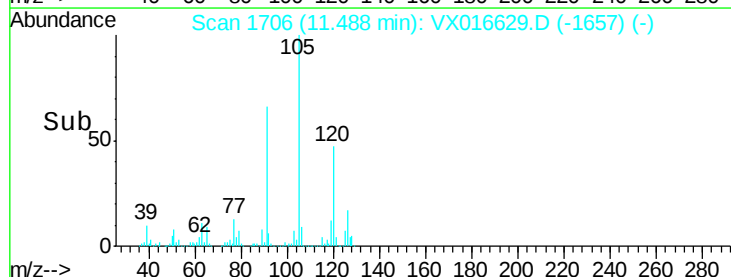
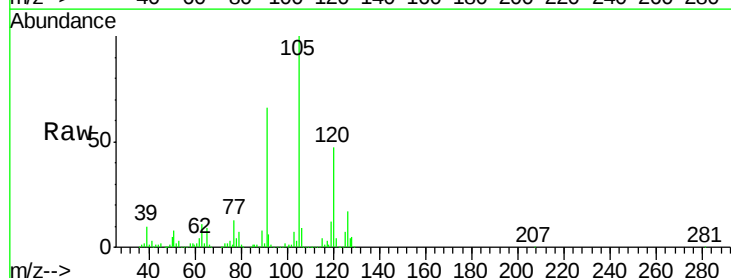
Acq: 08 Jun 2020 11:30

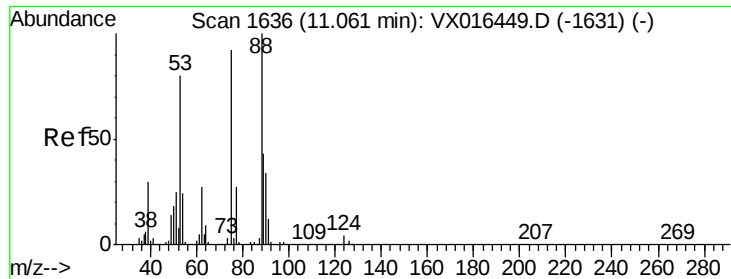
Tgt Ion: 105 Resp: 187650

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.45 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

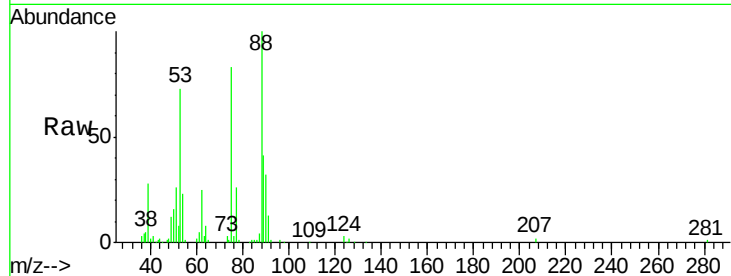
Tgt Ion: 75 Resp: 26196

Ion Ratio Lower Upper

75 100

53 88.7 71.3 106.9

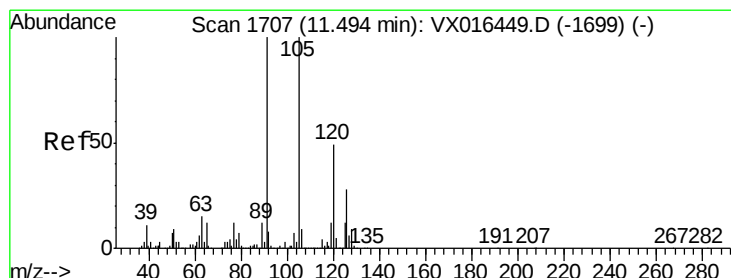
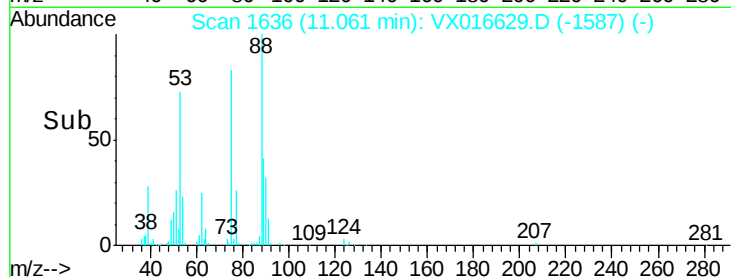
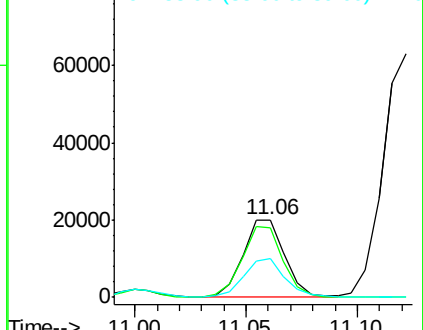
89 50.2 36.6 55.0



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: 18.89 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016629.D

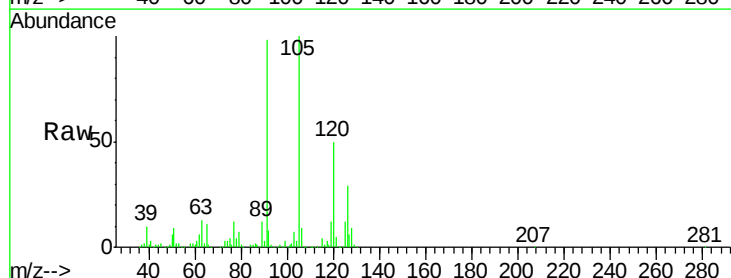
Acq: 08 Jun 2020 11:30

Tgt Ion: 91 Resp: 177083

Ion Ratio Lower Upper

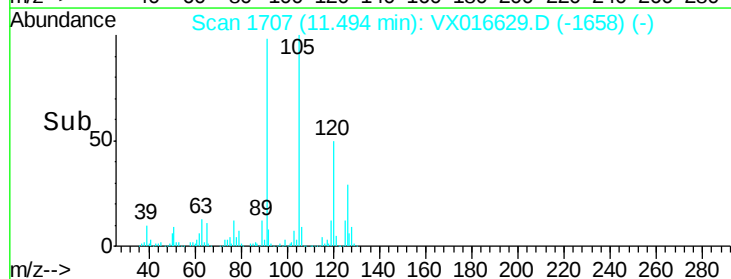
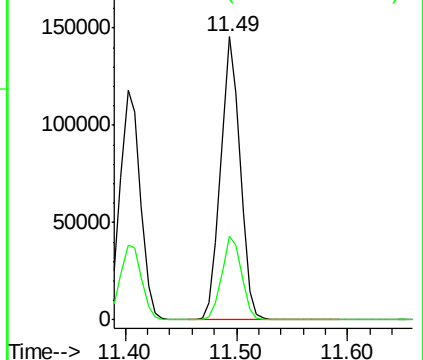
91 100

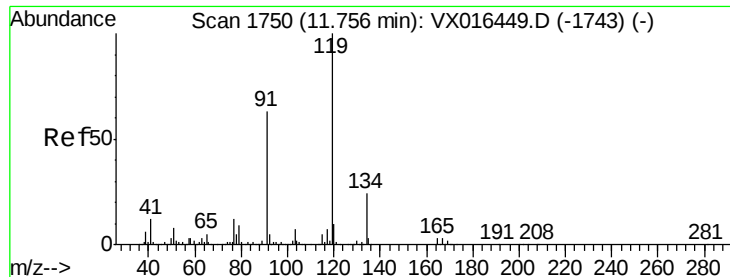
126 29.8 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

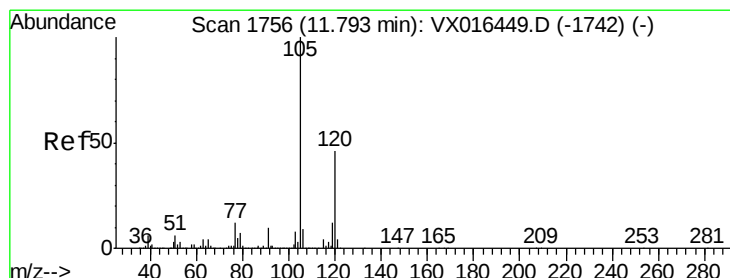
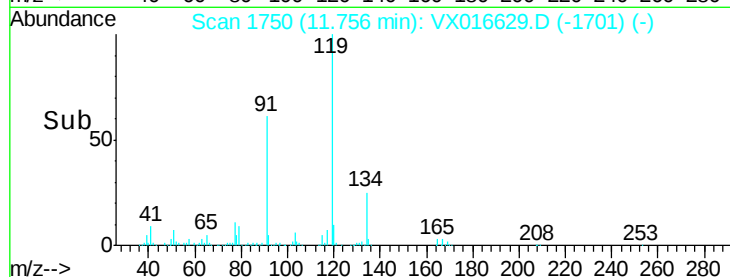
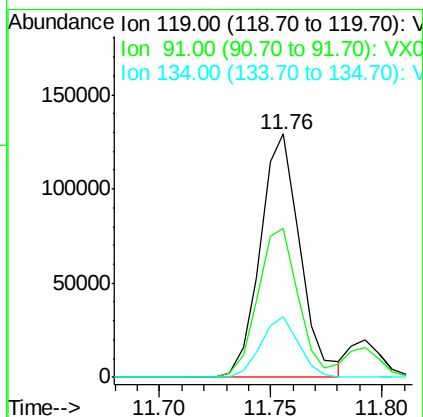
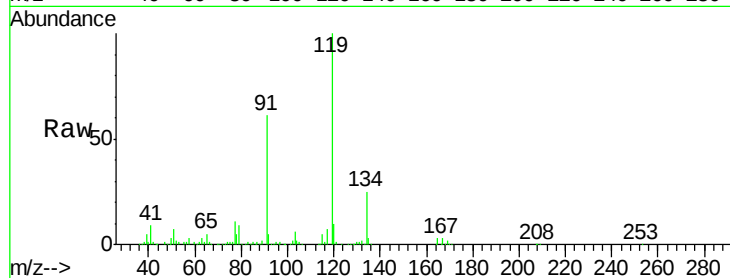




#83
 tert-Butylbenzene
 Concen: 19.33 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

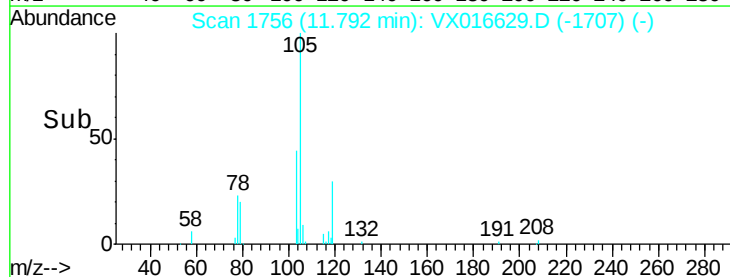
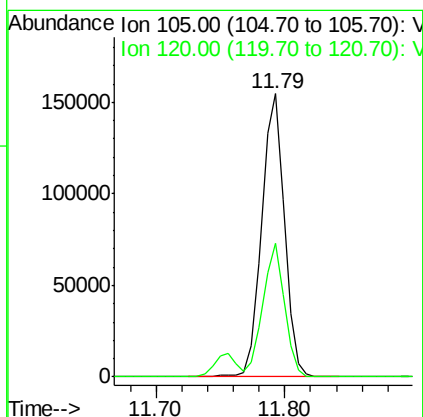
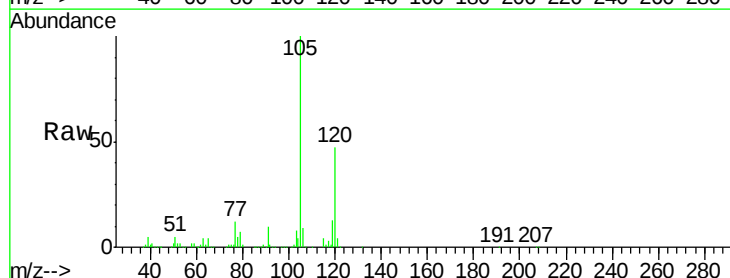
Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.1	31.3	93.8
134	23.8	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.12 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.7

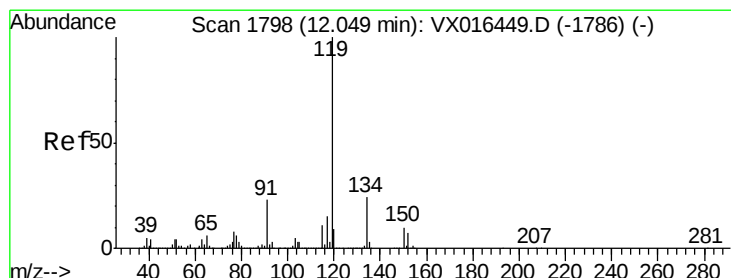
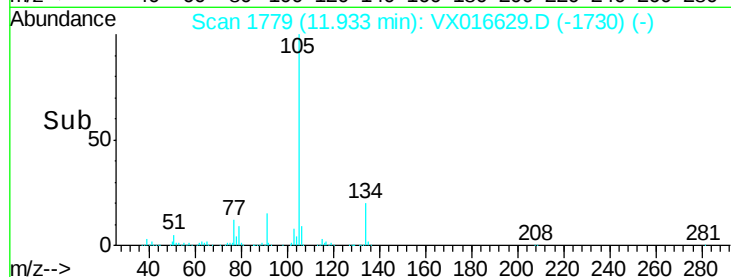
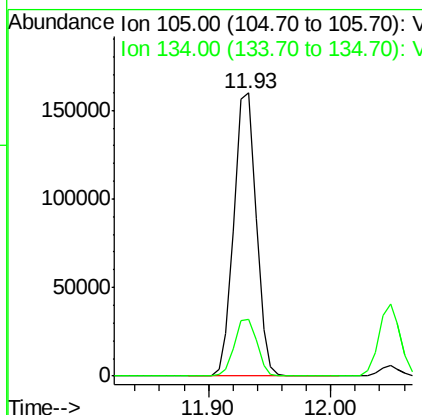
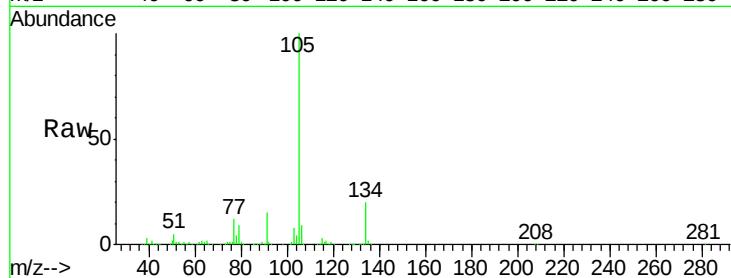




#85
 sec-Butylbenzene
 Concen: 19.24 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

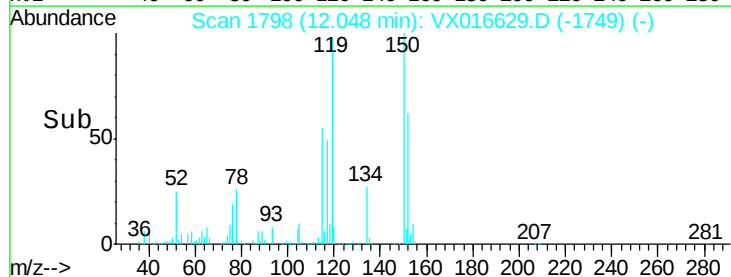
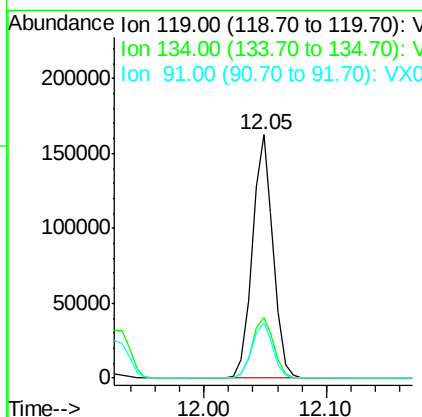
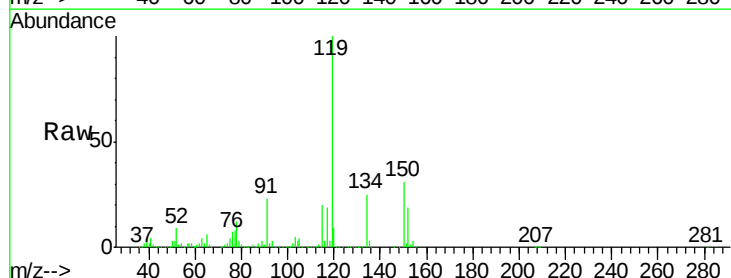
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

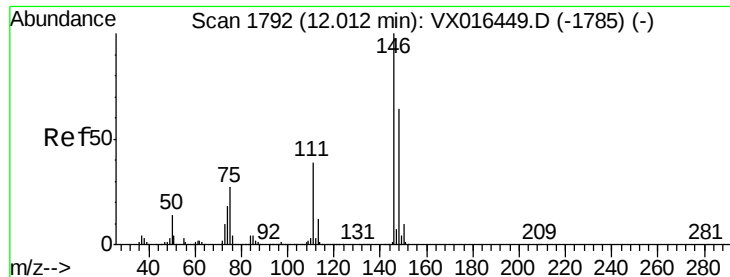
Tgt Ion:105 Resp: 200473
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.58 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion:119 Resp: 191131
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.0
 91 23.4 11.7 35.0

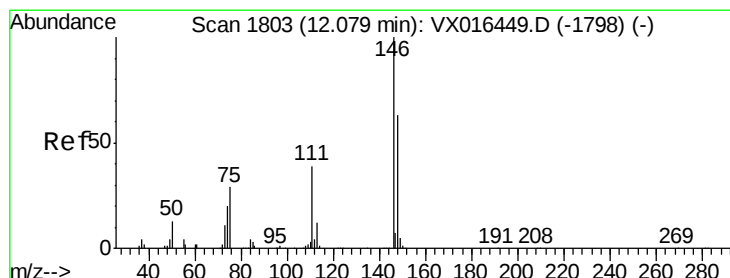
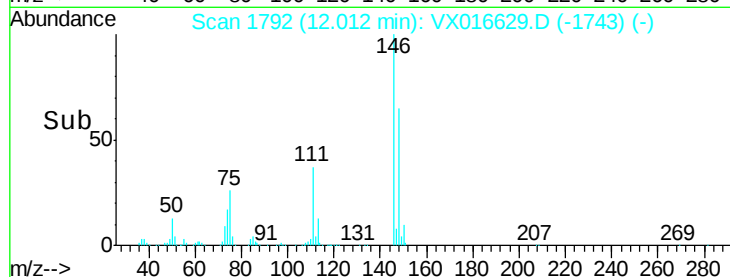
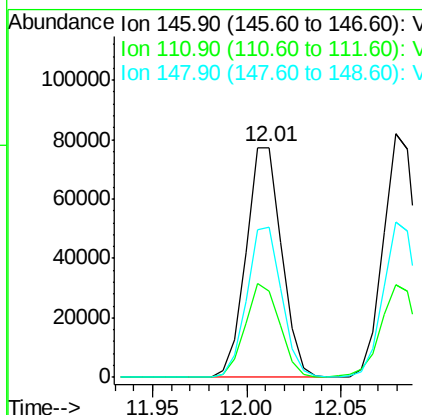
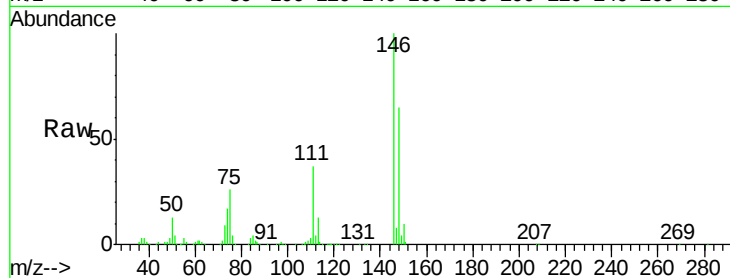




#87
 1,3-Dichlorobenzene
 Concen: 19.23 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

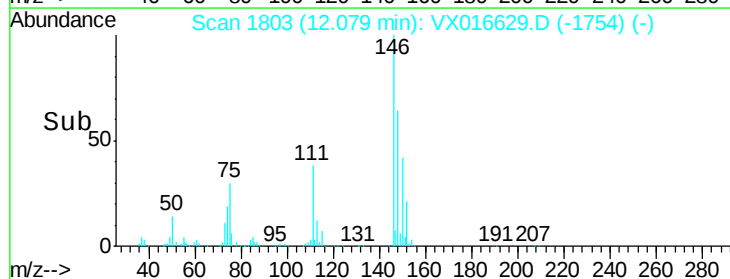
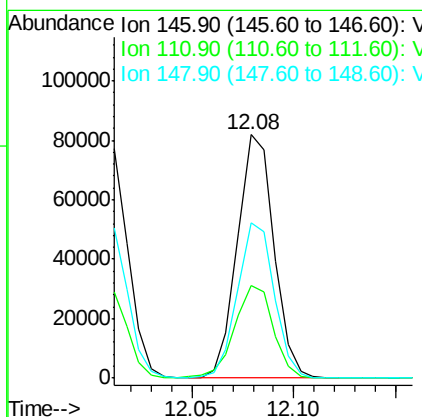
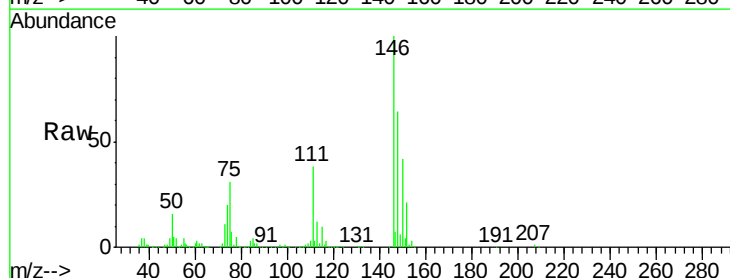
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

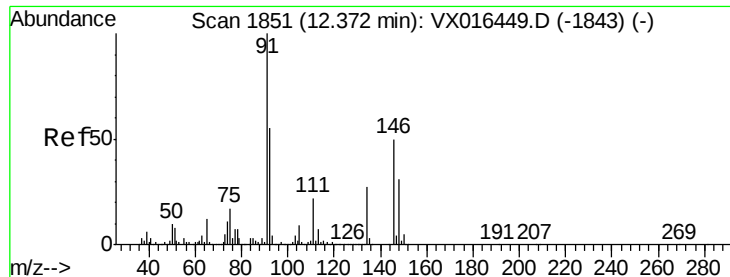
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	63.8	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.86 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.2
148	64.4	31.4	94.3





#89

n-Butylbenzene

Concen: 19.15 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

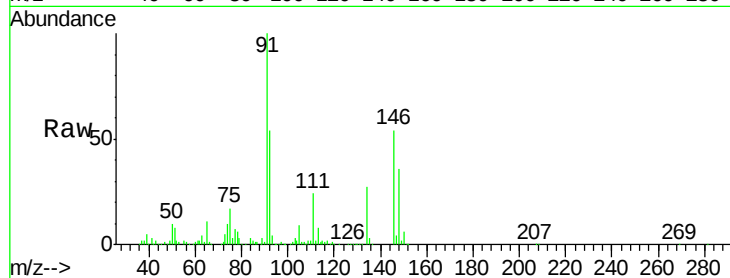
Tgt Ion: 91 Resp: 155657

Ion Ratio Lower Upper

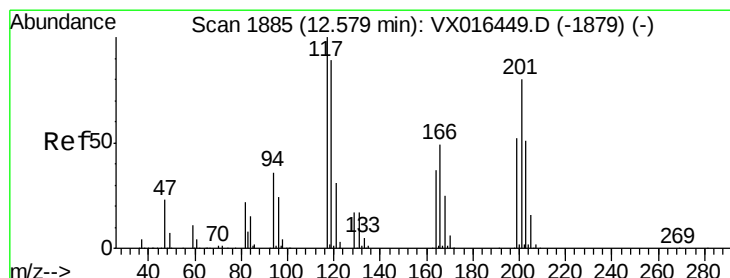
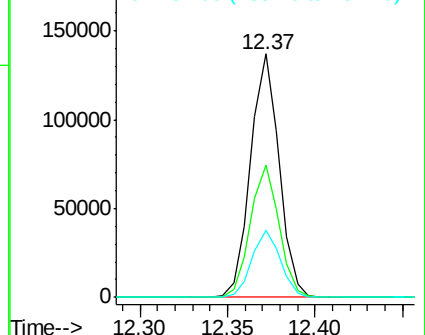
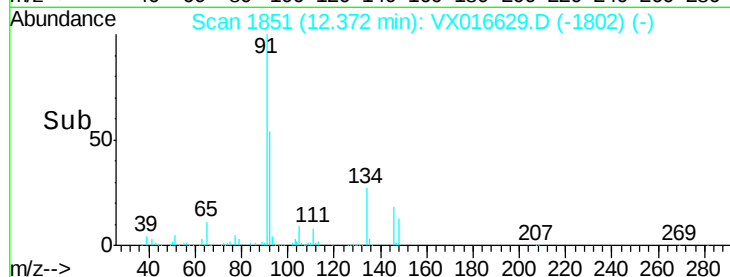
91 100

92 54.4 27.2 81.5

134 27.5 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX016629.D (-1802) (-)



#90

Hexachloroethane

Concen: 19.74 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016629.D

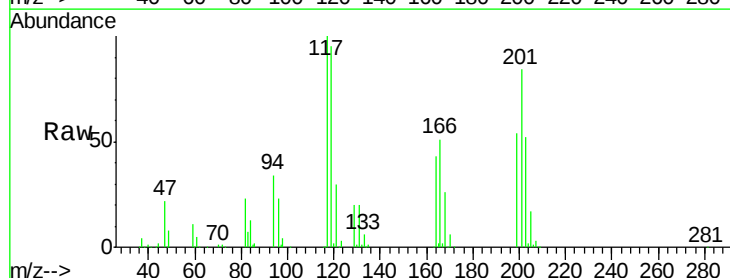
Acq: 08 Jun 2020 11:30

Tgt Ion: 117 Resp: 33282

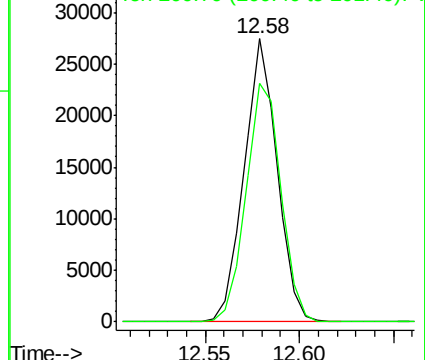
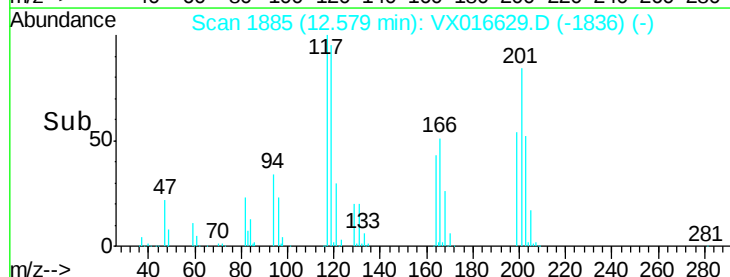
Ion Ratio Lower Upper

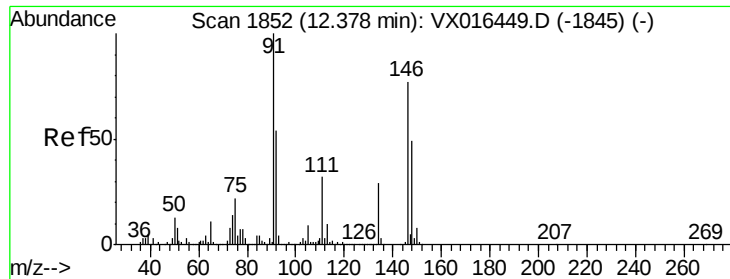
117 100

201 89.3 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): VX016629.D (-1836) (-)

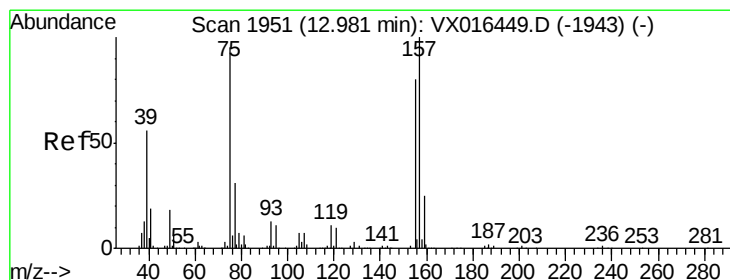
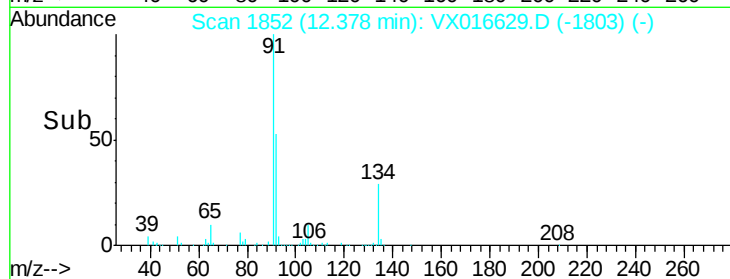
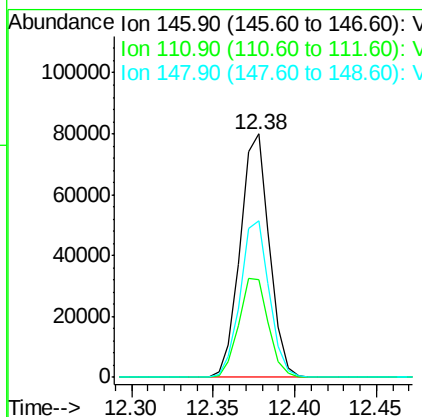
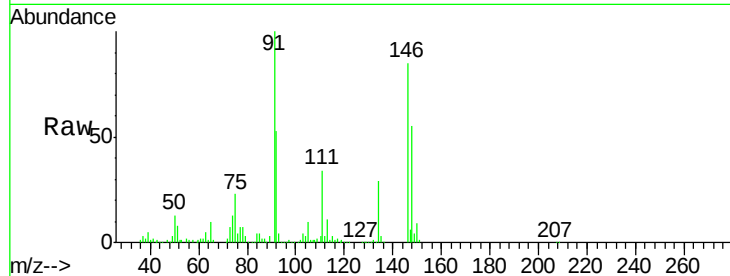




#91
1,2-Dichlorobenzene
Concen: 19.48 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

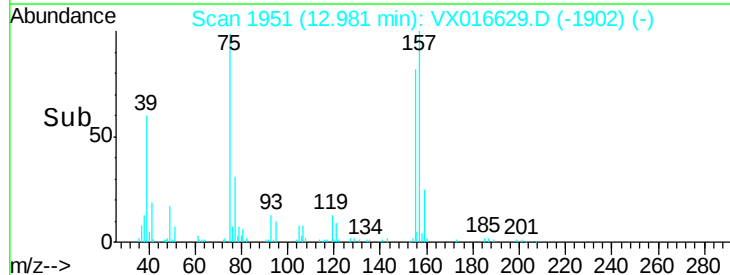
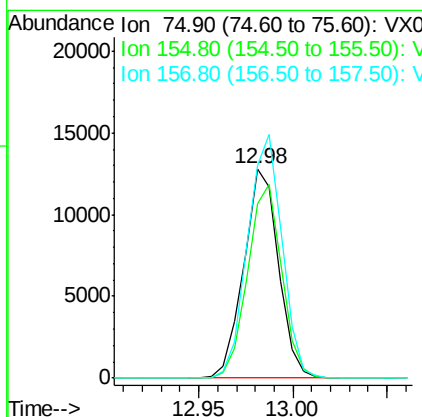
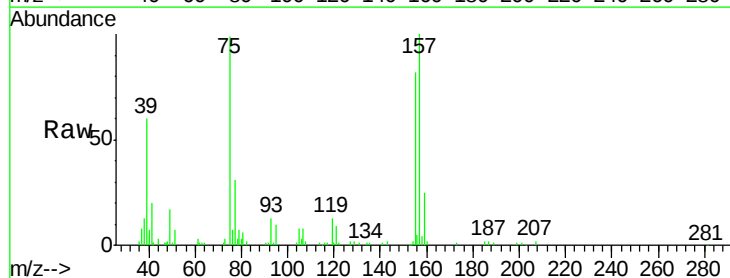
Instrument :
MSVOA_X
ClientSampled :
VX0608WBS01

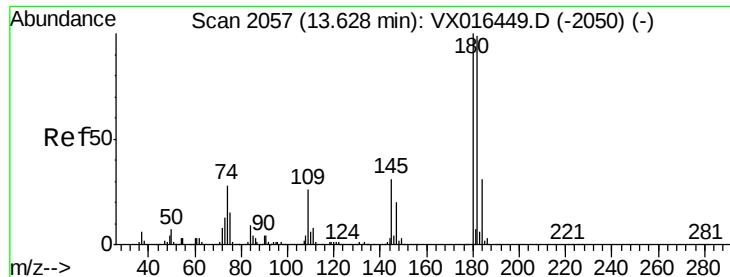
Tgt Ion: 146 Resp: 99830
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.3
148 64.1 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.35 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion: 75 Resp: 16397
Ion Ratio Lower Upper
75 100
155 90.6 44.1 132.4
157 114.5 57.8 173.3

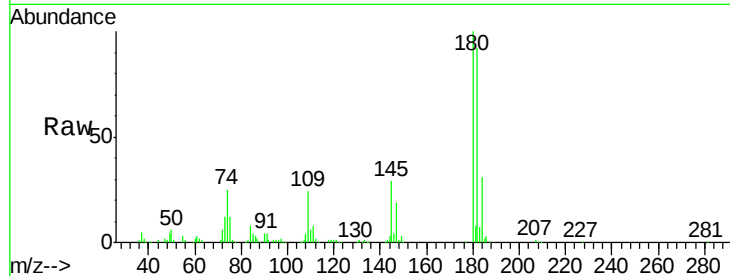




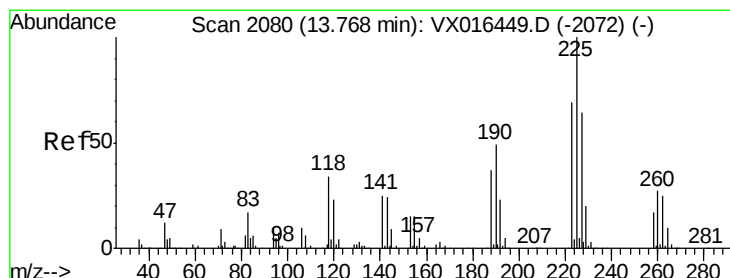
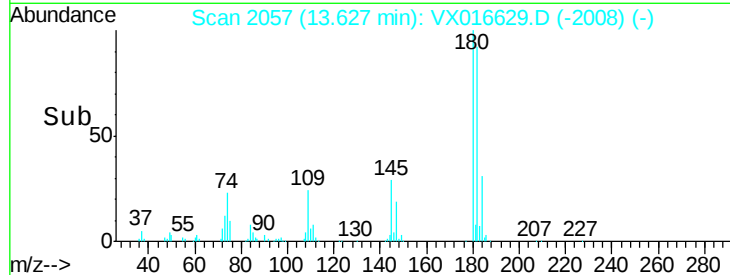
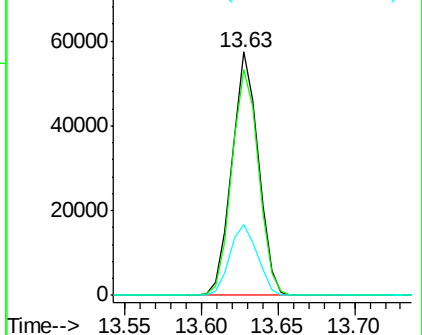
#93
 1,2,4-Trichlorobenzene
 Concen: 20.18 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion:180 Resp: 68673
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.3 144.8
 145 30.4 15.4 46.2

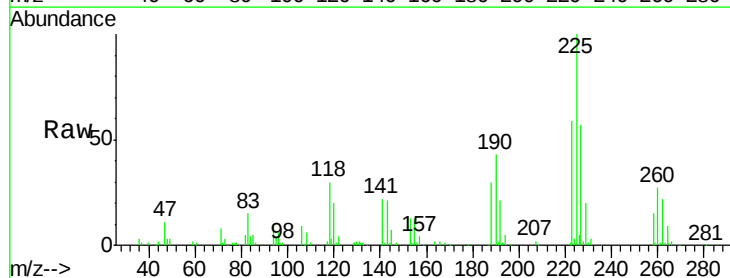


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

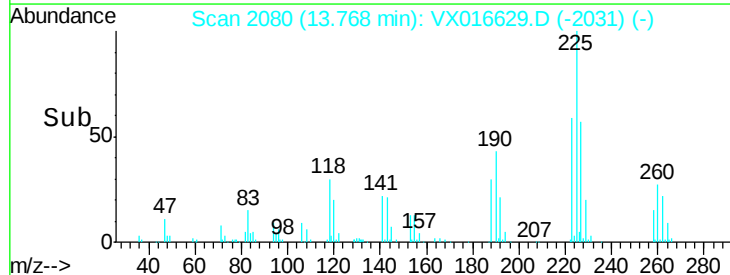
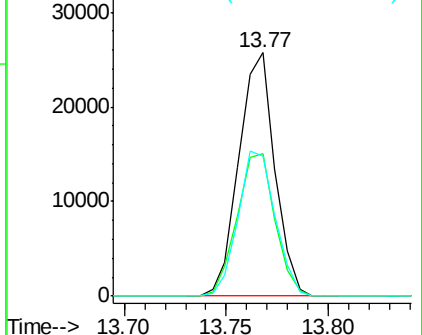


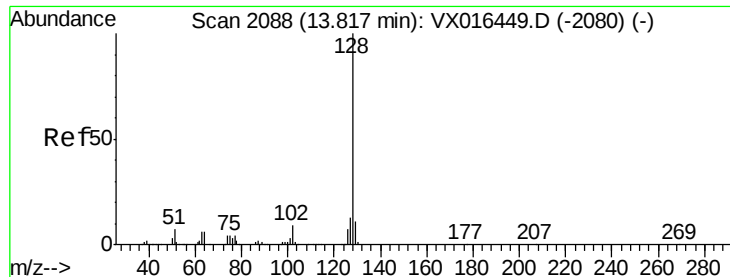
#94
 Hexachlorobutadiene
 Concen: 23.59 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion:225 Resp: 31530
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.3 96.8
 227 61.2 31.6 94.7



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: 18.29 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

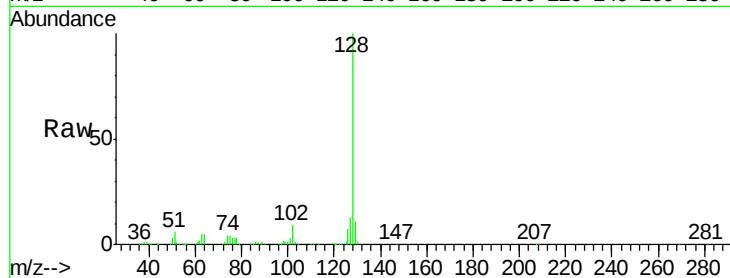
Tgt Ion:128 Resp: 213390

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

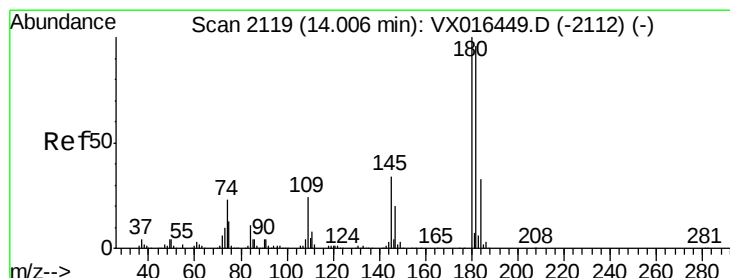
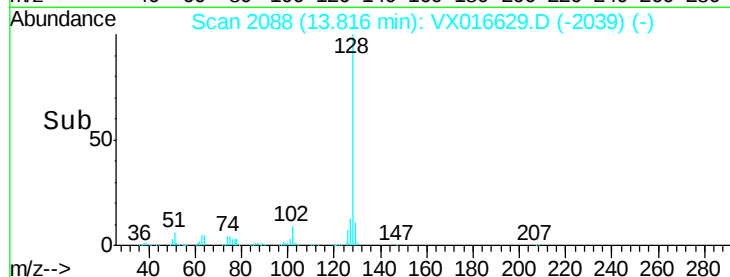
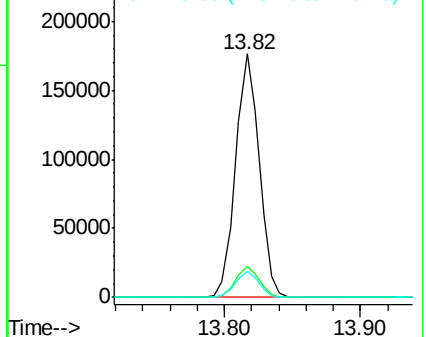
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.98 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

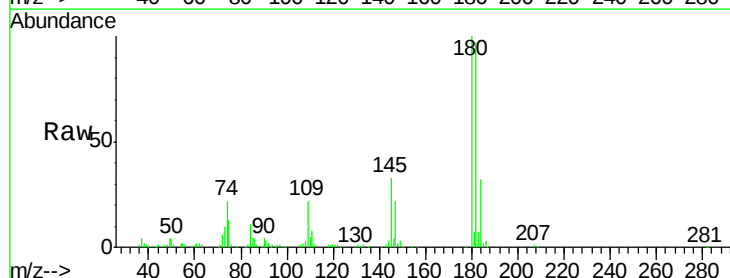
Tgt Ion:180 Resp: 66611

Ion Ratio Lower Upper

180 100

182 93.9 48.6 145.8

145 33.5 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

