

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016654.D
 Acq On : 09 Jun 2020 10:59
 Operator : JC/SP
 Sample : VX0609WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Quant Time: Jun 10 04:29:06 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	239242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	352435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	326960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	164387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	143334	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.46	113	116452	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	8.70	98	443168	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.12	95	167017	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	40252	17.096	ug/l	99
3) Chloromethane	1.31	50	44810	15.749	ug/l	97
4) Vinyl Chloride	1.39	62	49726	16.526	ug/l	100
5) Bromomethane	1.62	94	34173	23.358	ug/l	96
6) Chloroethane	1.71	64	31222	17.789	ug/l	98
7) Trichlorofluoromethane	1.92	101	79086	20.014	ug/l	98
8) Diethyl Ether	2.17	74	29030	17.618	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	43157	19.844	ug/l	98
10) Methyl Iodide	2.49	142	41062	17.893	ug/l	98
11) Tert butyl alcohol	3.01	59	63451	83.283	ug/l	100
12) 1,1-Dichloroethene	2.36	96	41745	18.134	ug/l	93
13) Acrolein	2.27	56	24953	76.993	ug/l	98
14) Allyl chloride	2.70	41	67719	15.996	ug/l	96
15) Acrylonitrile	3.11	53	129485	82.968	ug/l	100
16) Acetone	2.42	43	105144	80.775	ug/l	97
17) Carbon Disulfide	2.55	76	110225	16.124	ug/l	98
18) Methyl Acetate	2.75	43	57651	17.268	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	150627	18.222	ug/l	96
20) Methylene Chloride	2.83	84	47647	17.692	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	45132	17.725	ug/l	96
22) Diisopropyl ether	3.82	45	137232	16.874	ug/l	93
23) Vinyl Acetate	3.78	43	585773	82.287	ug/l	96
24) 1,1-Dichloroethane	3.67	63	81487	17.752	ug/l	99
25) 2-Butanone	4.63	43	174677	79.194	ug/l	97
26) 2,2-Dichloropropane	4.54	77	78451	20.886	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	53169	18.049	ug/l	99
28) Bromochloromethane	4.98	49	34540	16.192	ug/l	83
29) Tetrahydrofuran	5.09	42	112766	79.136	ug/l	94
30) Chloroform	5.17	83	86415	18.684	ug/l	96
31) Cyclohexane	5.55	56	65513	15.864	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	80669	19.265	ug/l	98
36) 1,1-Dichloropropene	5.76	75	62279	18.664	ug/l	97
37) Ethyl Acetate	4.79	43	65699	16.399	ug/l	97
38) Carbon Tetrachloride	5.75	117	71775	20.468	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX0609WBS01

Quant Time: Jun 10 04:29:06 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)
39) Methylcyclohexane	7.44	83	67367	18.587	ug/l	97
40) Benzene	6.11	78	186912	18.810	ug/l	100
41) Methacrylonitrile	4.99	41	36806	16.726	ug/l	97
42) 1,2-Dichloroethane	6.16	62	68237	19.309	ug/l	99
43) Isopropyl Acetate	6.41	43	105612	16.901	ug/l	97
44) Trichloroethene	7.18	130	63227	20.054	ug/l	98
45) 1,2-Dichloropropane	7.49	63	46883	18.533	ug/l	99
46) Dibromomethane	7.64	93	33102	19.481	ug/l	97
47) Bromodichloromethane	7.87	83	69352	19.712	ug/l	96
48) Methyl methacrylate	7.74	41	49364	16.499	ug/l	95
49) 1,4-Dioxane	7.71	88	25887	369.705	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	330676	84.985	ug/l	97
52) Toluene	8.76	92	120805	19.279	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	77669	19.414	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	82002	19.365	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	50000	20.068	ug/l	95
56) Ethyl methacrylate	9.16	69	73065	18.007	ug/l	96
57) 1,3-Dichloropropane	9.35	76	81328	19.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	169127	79.854	ug/l	95
59) 2-Hexanone	9.47	43	255251	84.356	ug/l	98
60) Dibromochloromethane	9.56	129	57158	20.386	ug/l	98
61) 1,2-Dibromoethane	9.65	107	52621	19.723	ug/l	100
64) Tetrachloroethene	9.32	164	73168	20.002	ug/l	96
65) Chlorobenzene	10.12	112	131549	19.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51947	20.415	ug/l	99
67) Ethyl Benzene	10.23	91	224558	18.921	ug/l	99
68) m/p-Xylenes	10.34	106	174379	39.629	ug/l	97
69) o-Xylene	10.68	106	81681	19.167	ug/l	98
70) Styrene	10.70	104	142353	19.434	ug/l	100
71) Bromoform	10.84	173	44520	20.703	ug/l #	98
73) Isopropylbenzene	11.00	105	222855	19.566	ug/l	100
74) N-amyl acetate	10.88	43	84620	16.152	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	54075	18.943	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	70504m	19.512	ug/l	
77) Bromobenzene	11.24	156	58968	19.739	ug/l	95
78) n-propylbenzene	11.34	91	242567	19.062	ug/l	98
79) 2-Chlorotoluene	11.40	91	150715	19.404	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	190983	20.081	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	27053	18.417	ug/l	96
82) 4-Chlorotoluene	11.49	91	177354	19.335	ug/l	99
83) tert-Butylbenzene	11.76	119	160089	19.700	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	185270	19.263	ug/l	99
85) sec-Butylbenzene	11.93	105	199868	19.606	ug/l	99
86) p-Isopropyltoluene	12.05	119	190553	19.955	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	102230	19.752	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	105115	19.858	ug/l	98
89) n-Butylbenzene	12.37	91	153564	19.307	ug/l	99
90) Hexachloroethane	12.58	117	34127	20.690	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	98633	19.670	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16883	18.259	ug/l	98

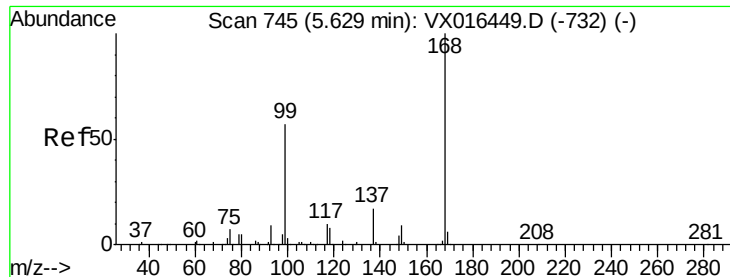
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060920\
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Quant Time: Jun 10 04:29:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	64827	19.466	ug/l	97
94) Hexachlorobutadiene	13.77	225	32960	25.208	ug/l	97
95) Naphthalene	13.82	128	215758	18.899	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	68440	20.977	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

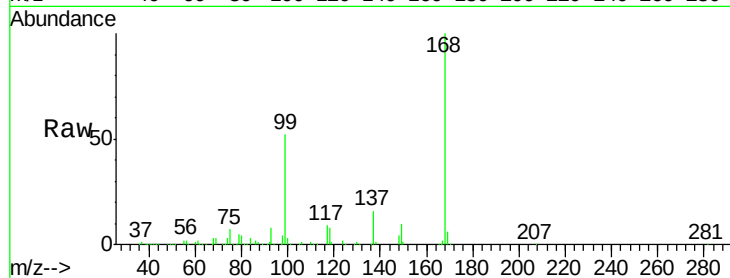
VX0609WBS01

Tot Ion:168 Resp: 239242

Ion Ratio Lower Upper

168 100

99 52.2 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

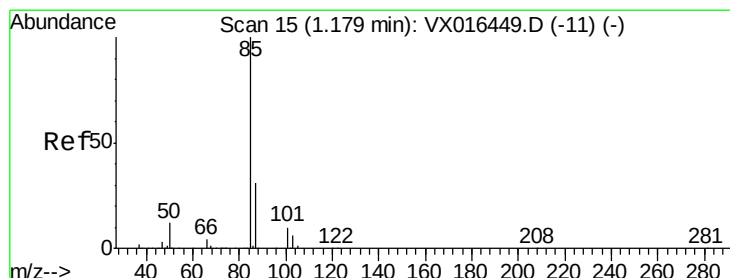
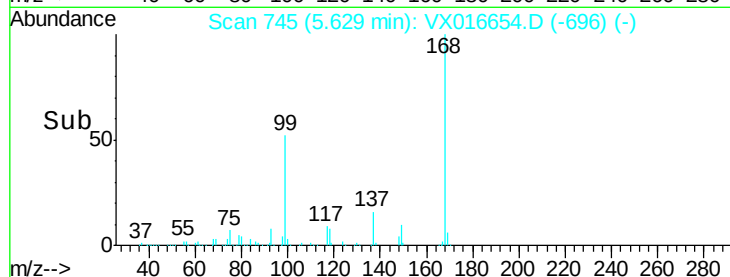
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.096 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016654.D

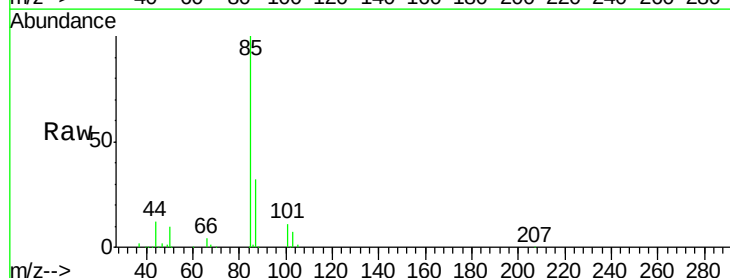
Acq: 09 Jun 2020 10:59

Tgt Ion: 85 Resp: 40252

Ion Ratio Lower Upper

85 100

87 31.5 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

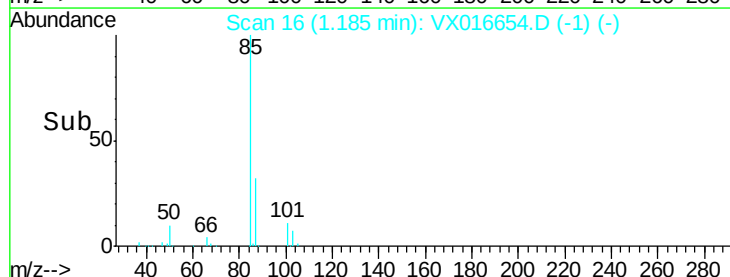
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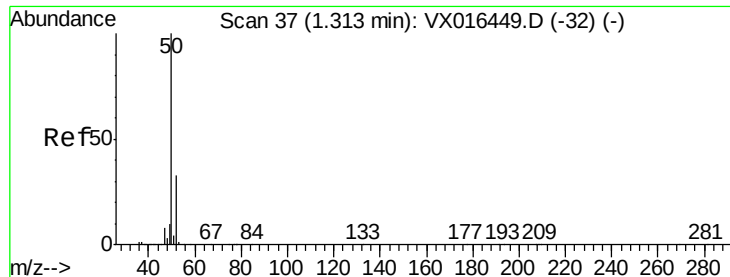
20000

10000

0

Time-->





#3

Chloromethane

Concen: 15.749 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

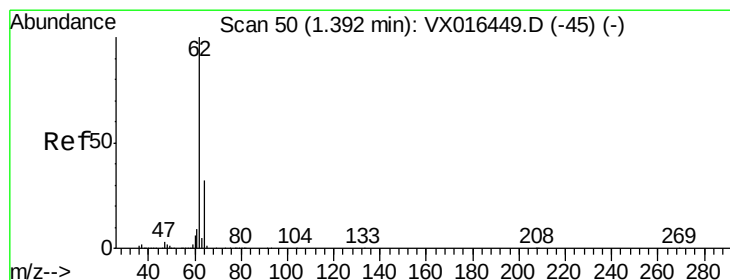
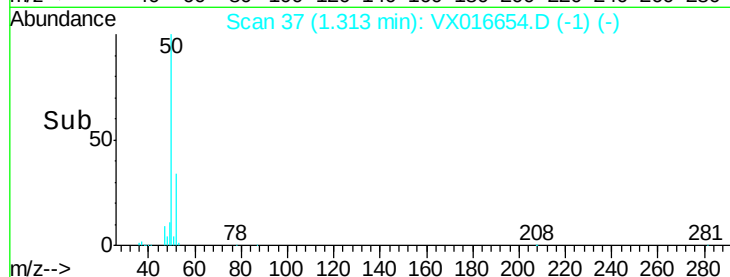
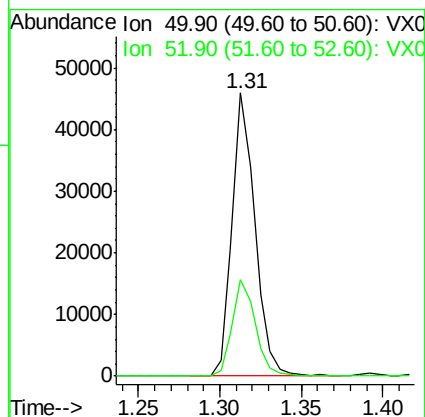
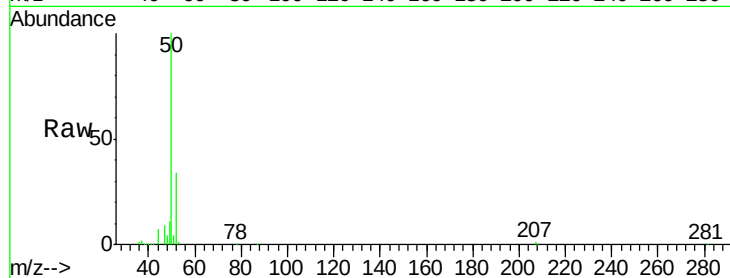
VX0609WBS01

Tot Ion: 50 Resp: 44810

Ion Ratio Lower Upper

50 100

52 34.2 26.2 39.2



#4

Vinyl Chloride

Concen: 16.526 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016654.D

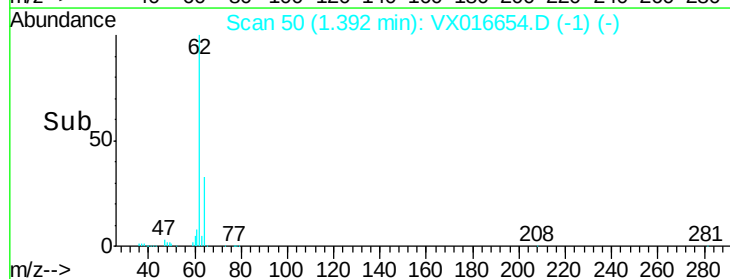
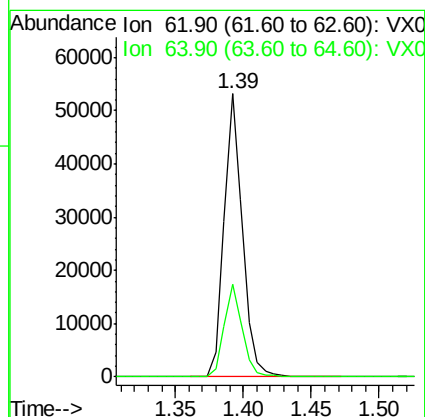
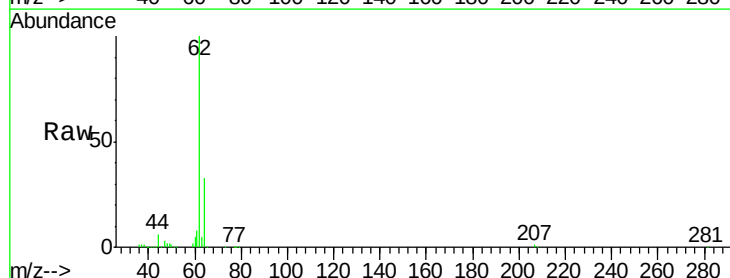
Acq: 09 Jun 2020 10:59

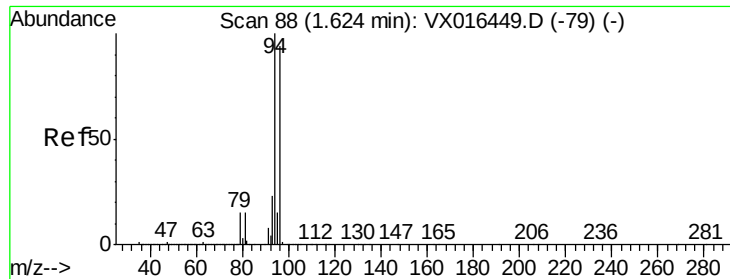
Tgt Ion: 62 Resp: 49726

Ion Ratio Lower Upper

62 100

64 32.7 25.9 38.9





#5

Bromomethane

Concen: 23.358 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

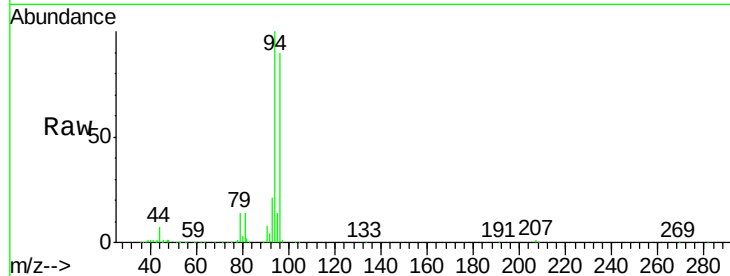
VX0609WBS01

Tot Ion: 94 Resp: 34173

Ion Ratio Lower Upper

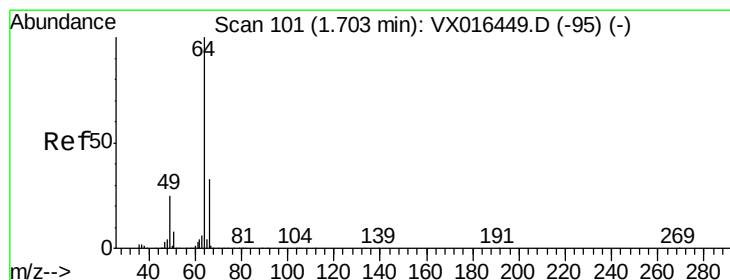
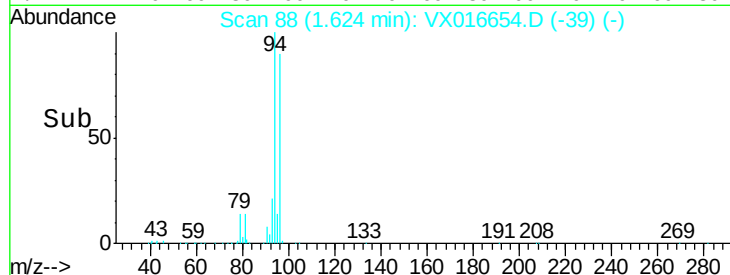
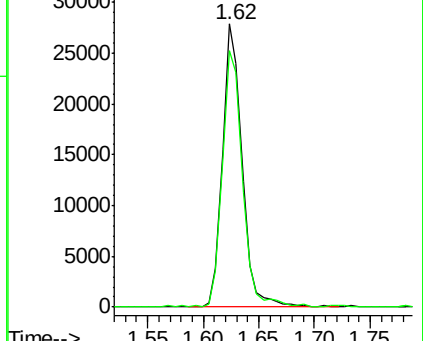
94 100

96 90.1 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: 17.789 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016654.D

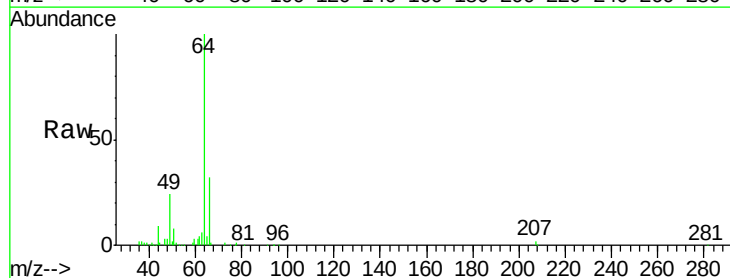
Acq: 09 Jun 2020 10:59

Tgt Ion: 64 Resp: 31222

Ion Ratio Lower Upper

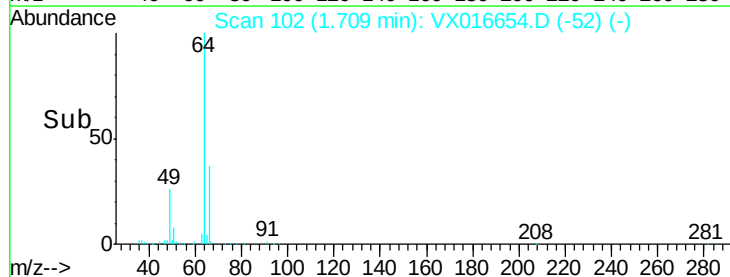
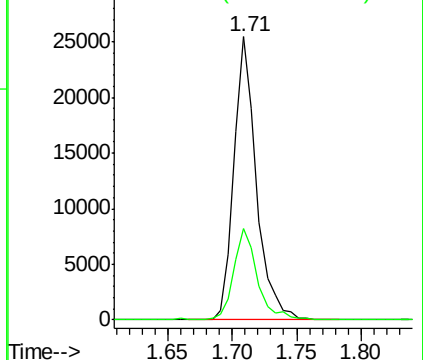
64 100

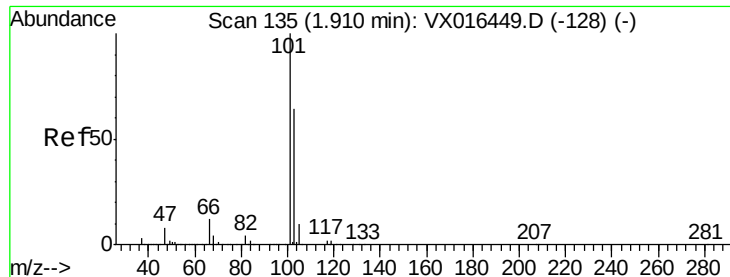
66 32.2 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



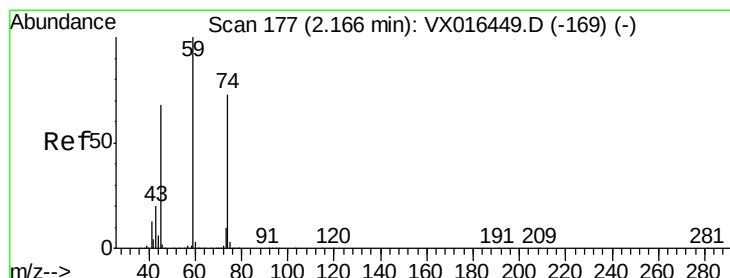
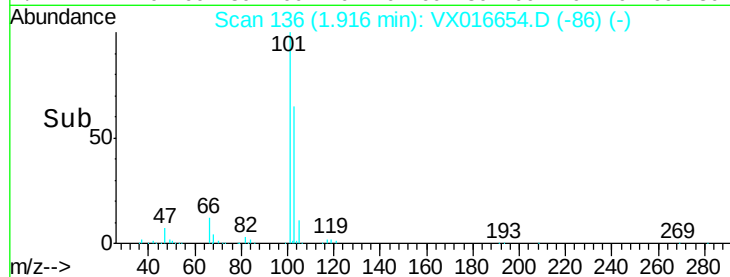
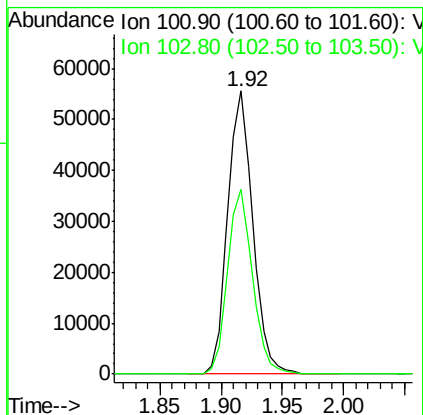
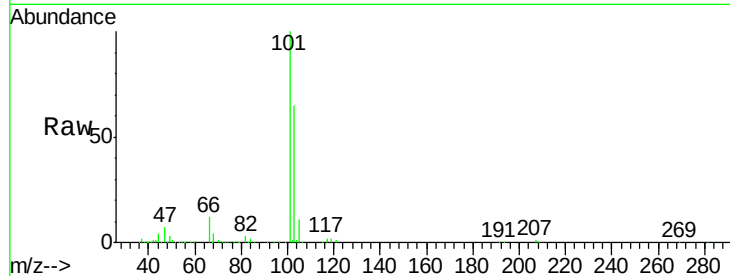


#7

Trichlorofluoromethane
 Concen: 20.014 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

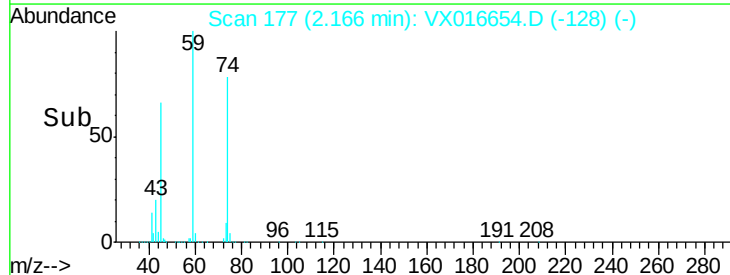
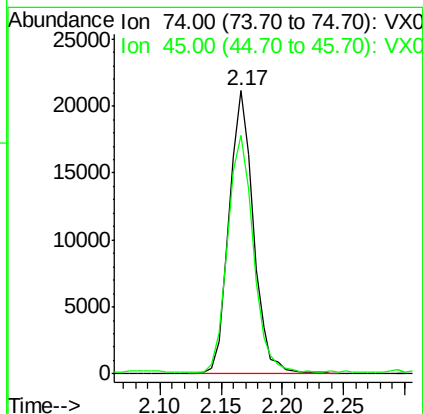
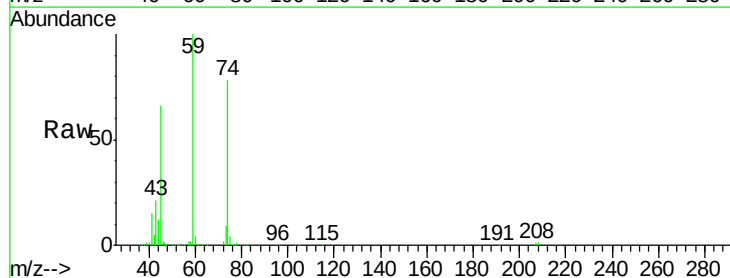
Tot Ion:101 Resp: 79086
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.9 76.3

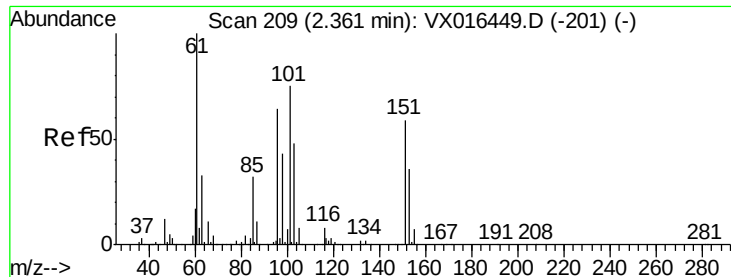


#8

Diethyl Ether
 Concen: 17.618 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Tgt Ion: 74 Resp: 29030
 Ion Ratio Lower Upper
 74 100
 45 88.7 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.844 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

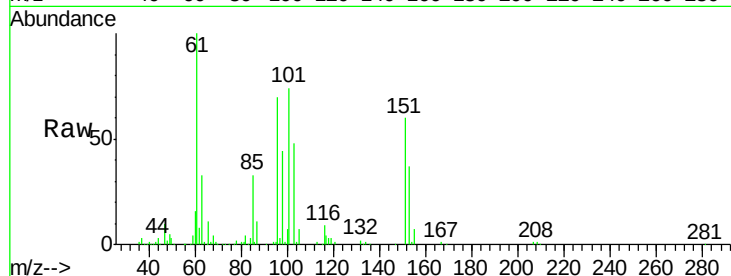
Tot Ion:101 Resp: 43157

Ion Ratio Lower Upper

101 100

85 41.7 34.4 51.6

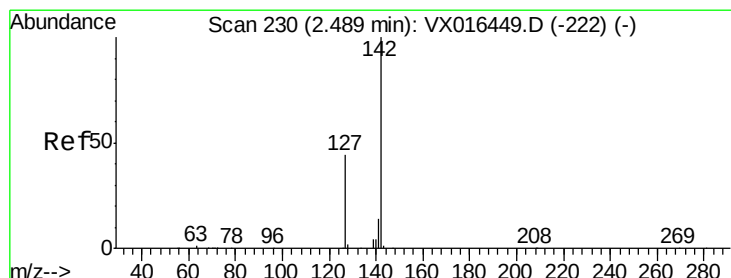
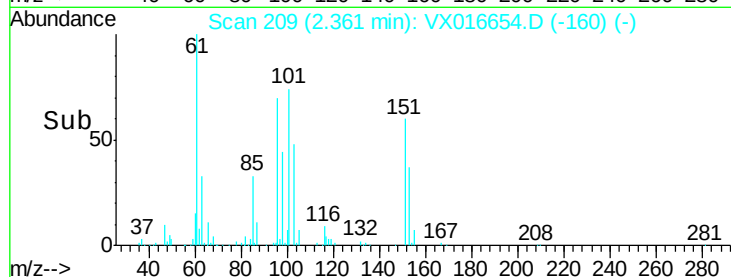
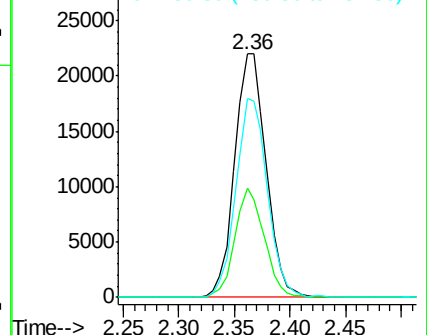
151 81.8 63.8 95.6



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: 17.893 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

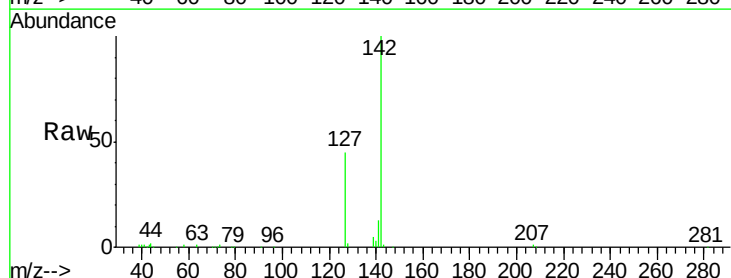
Tgt Ion:142 Resp: 41062

Ion Ratio Lower Upper

142 100

127 45.2 35.3 52.9

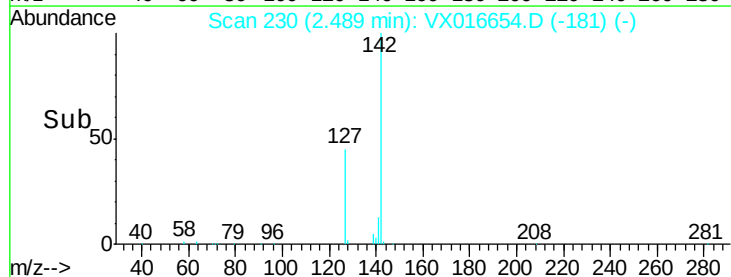
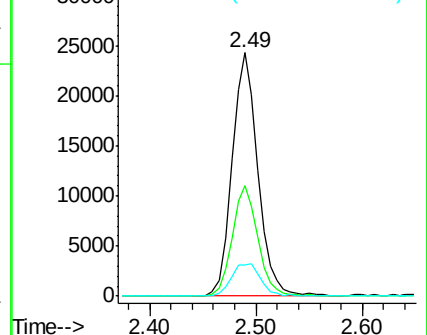
141 15.2 11.4 17.2

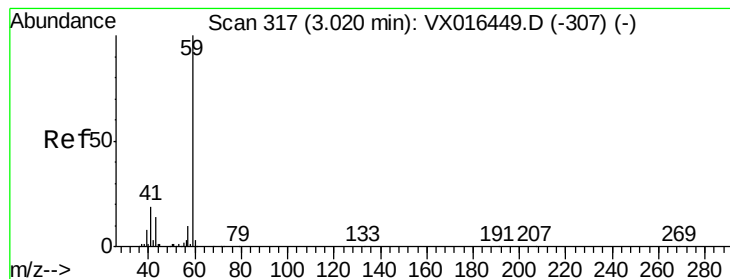


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



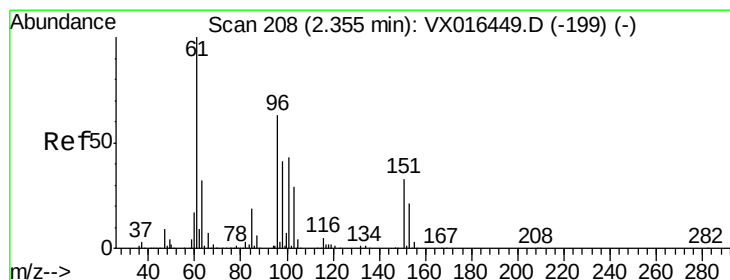
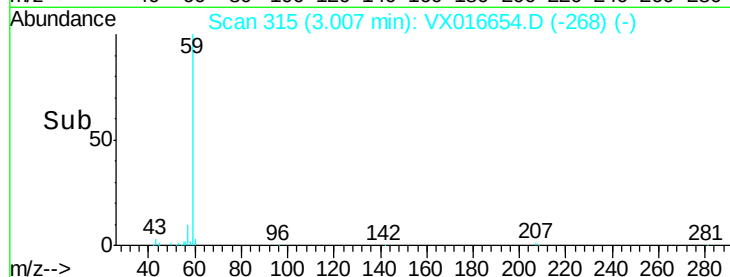
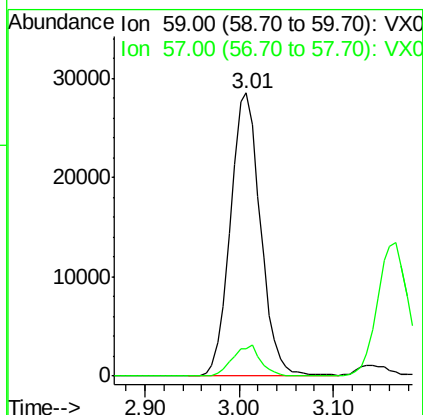
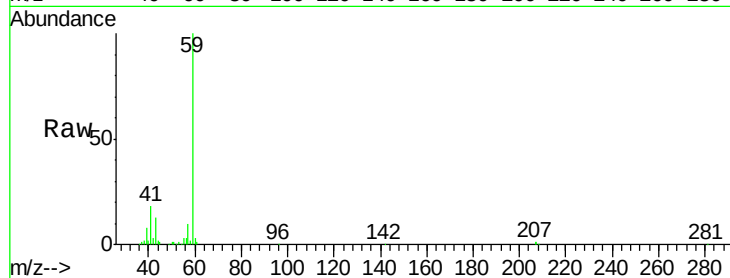


#11

Tert butyl alcohol
 Concen: 83.283 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

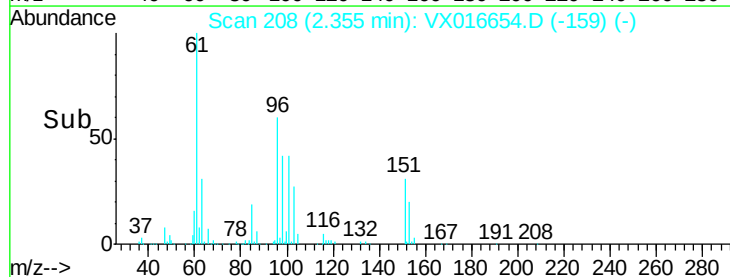
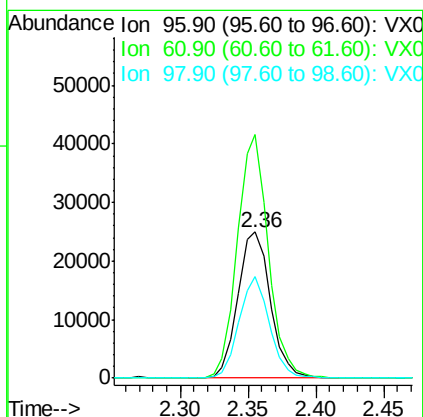
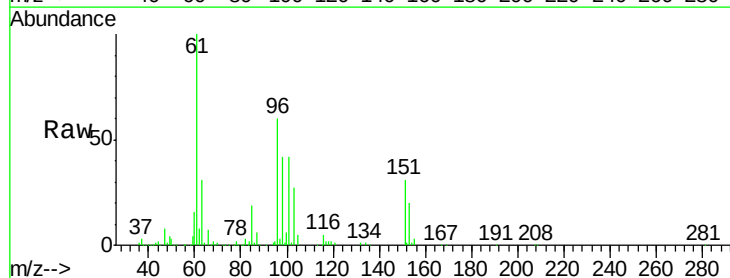
Tot Ion: 59 Resp: 63451
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

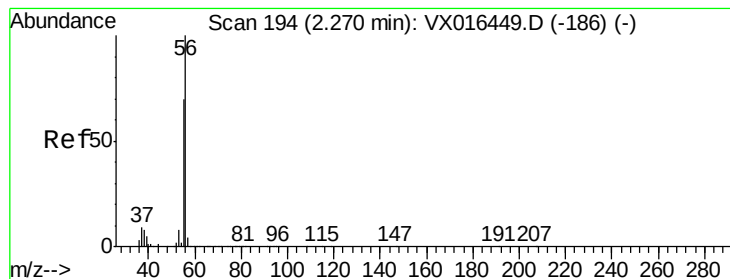


#12

1,1-Dichloroethene
 Concen: 18.134 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Tgt Ion: 96 Resp: 41745
 Ion Ratio Lower Upper
 96 100
 61 167.0 126.6 189.8
 98 69.8 51.3 76.9





#13

Acrolein

Concen: 76.993 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

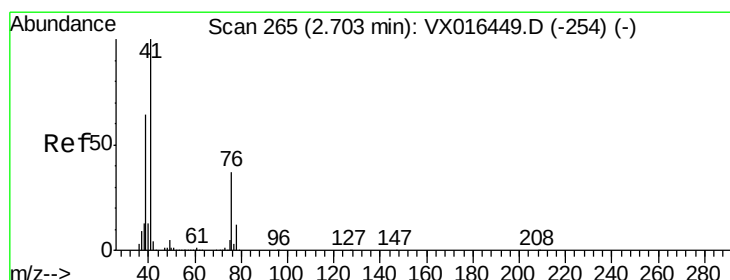
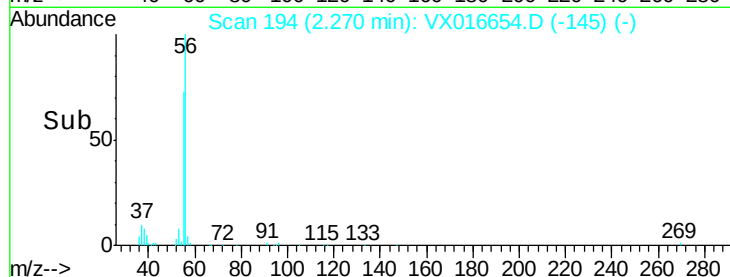
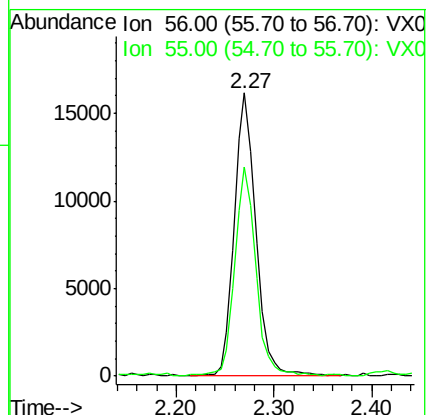
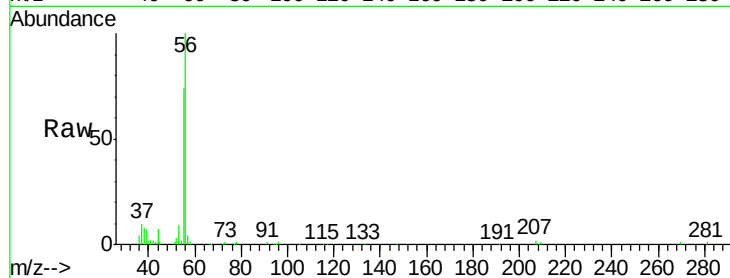
VX0609WBS01

Tot Ion: 56 Resp: 24953

Ion Ratio Lower Upper

56 100

55 71.0 58.3 87.5



#14

Allyl chloride

Concen: 15.996 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

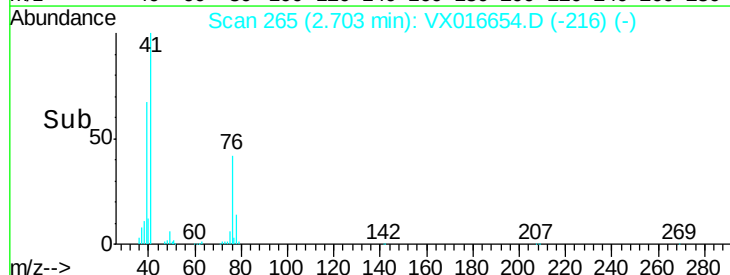
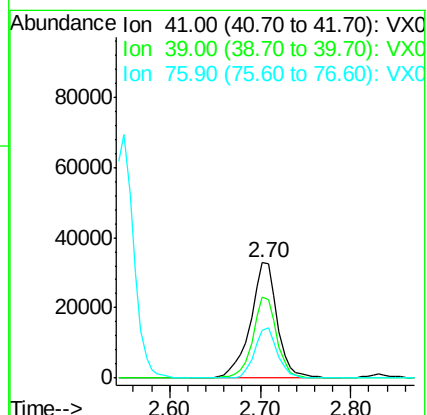
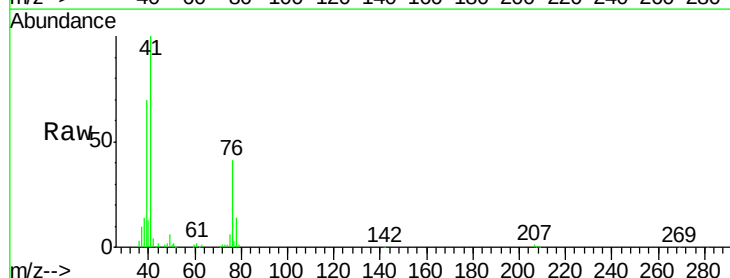
Tgt Ion: 41 Resp: 67719

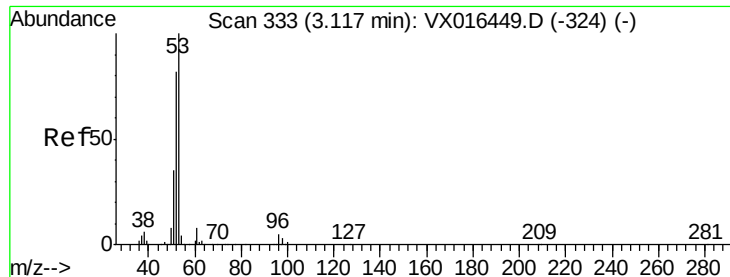
Ion Ratio Lower Upper

41 100

39 62.3 47.7 71.5

76 36.6 26.6 40.0





#15

Acrylonitrile

Concen: 82.968 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

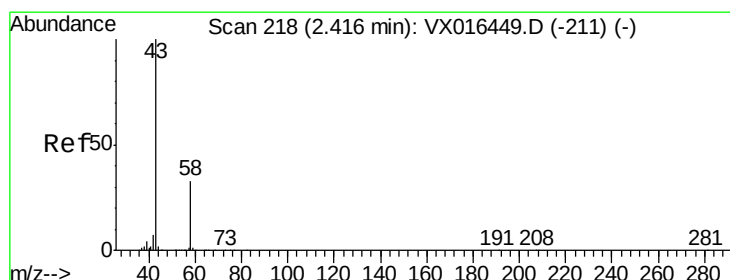
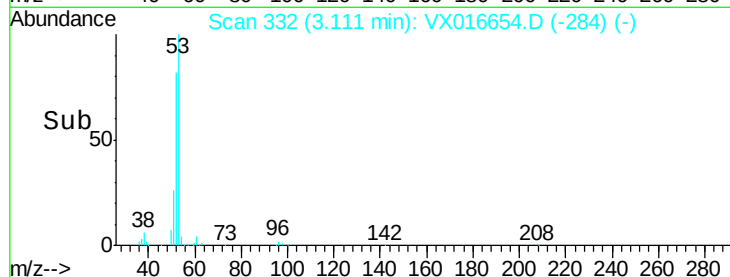
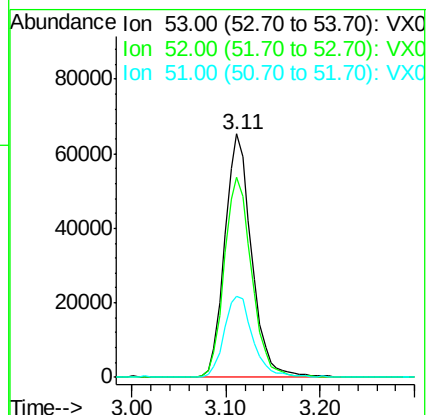
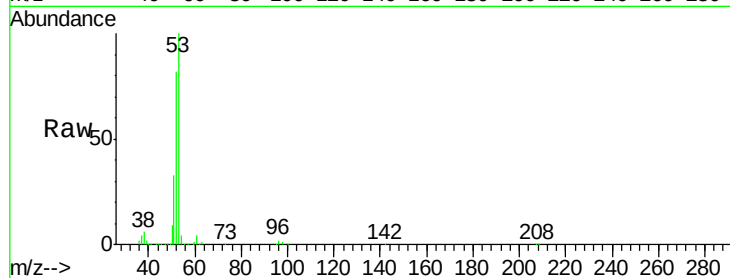
Tot Ion: 53 Resp: 129485

Ion Ratio Lower Upper

53 100

52 83.6 66.7 100.1

51 35.8 28.6 43.0



#16

Acetone

Concen: 80.775 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016654.D

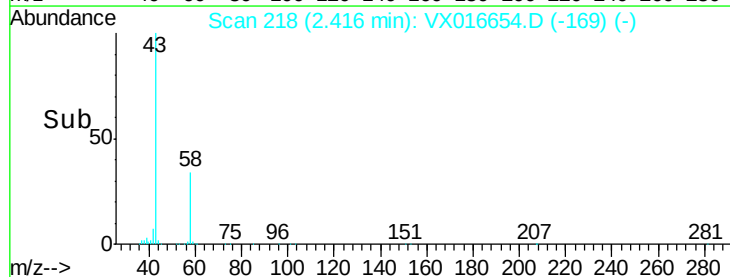
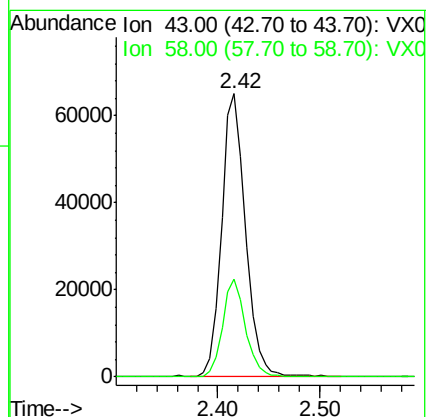
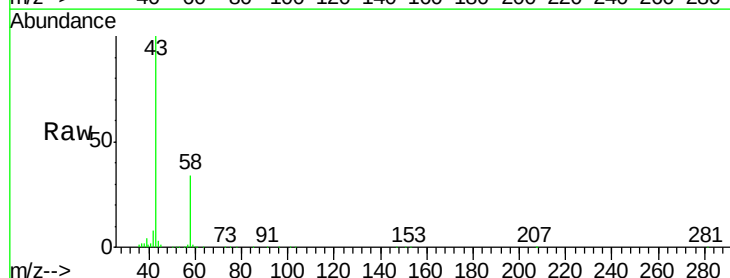
Acq: 09 Jun 2020 10:59

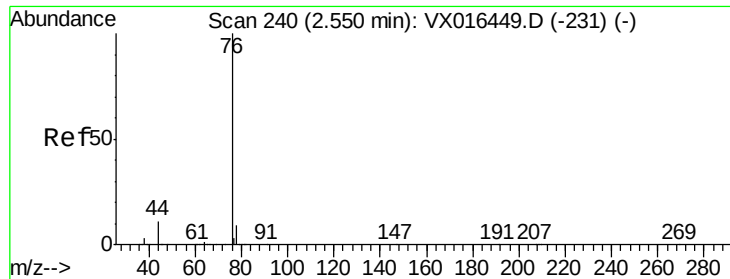
Tgt Ion: 43 Resp: 105144

Ion Ratio Lower Upper

43 100

58 34.4 26.1 39.1

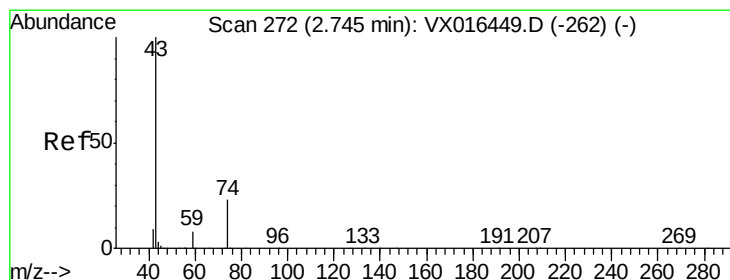
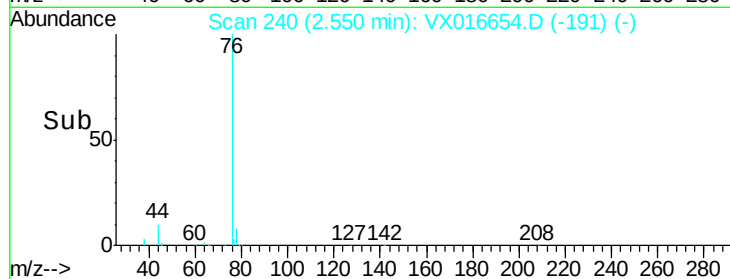
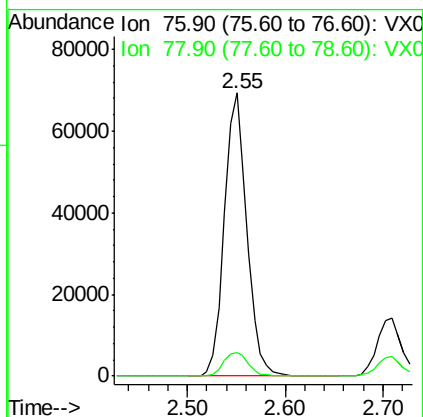
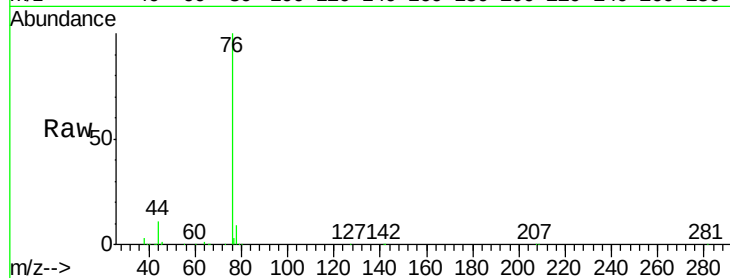




#17
Carbon Disulfide
Concen: 16.124 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

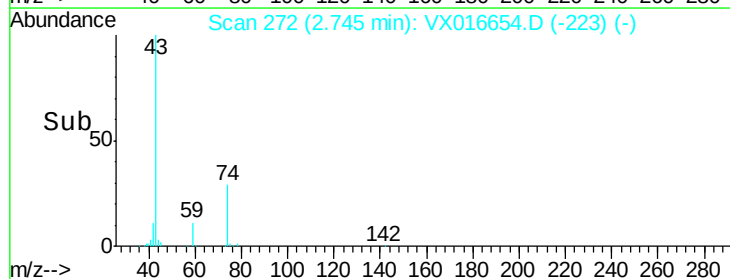
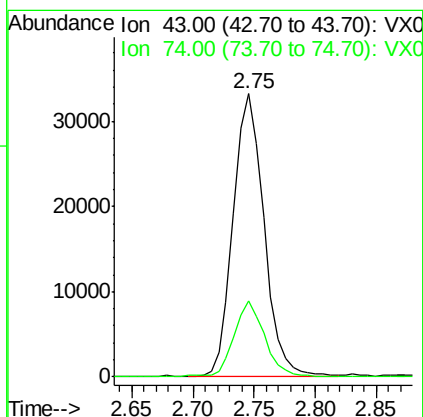
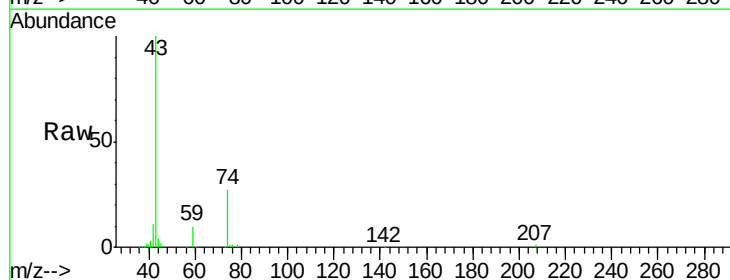
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

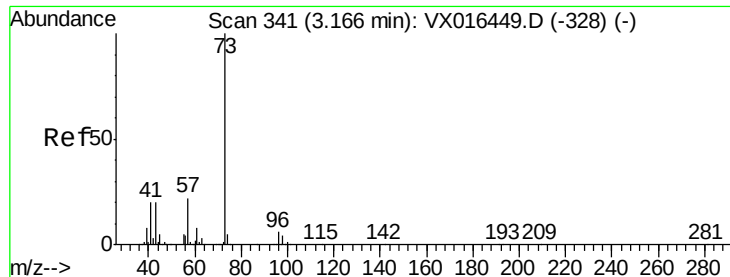
Tot Ion: 76 Resp: 110225
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 17.268 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion: 43 Resp: 57651
Ion Ratio Lower Upper
43 100
74 26.9 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 18.222 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

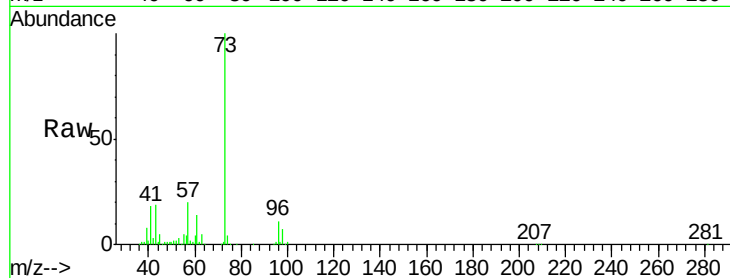
VX0609WBS01

Tot Ion: 73 Resp: 150627

Ion Ratio Lower Upper

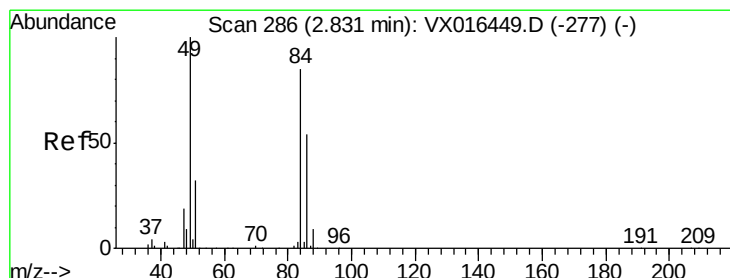
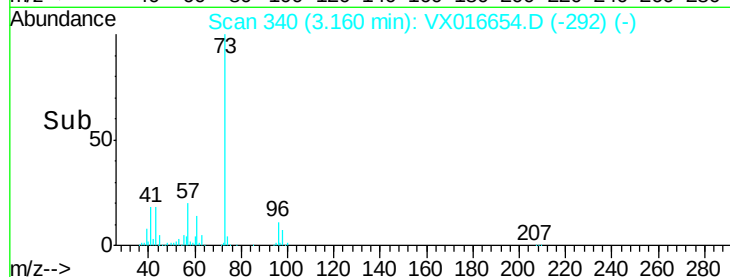
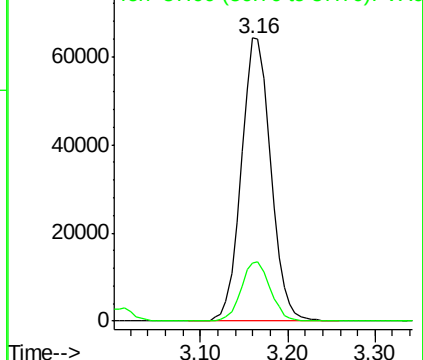
73 100

57 20.3 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 17.692 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Tgt Ion: 84 Resp: 47647

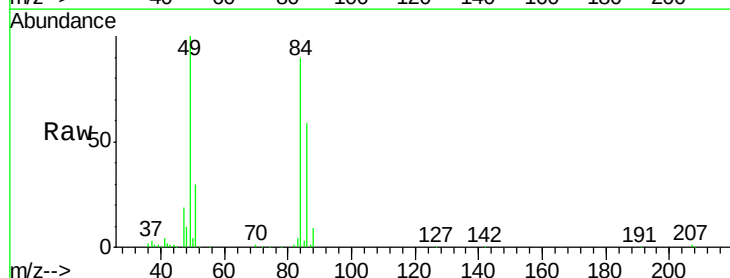
Ion Ratio Lower Upper

84 100

49 110.7 94.5 141.7

51 33.2 30.2 45.4

86 65.8 51.1 76.7

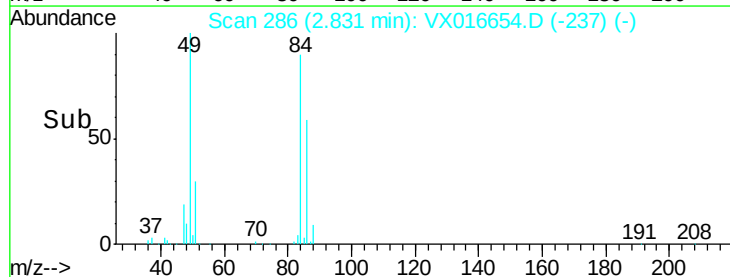
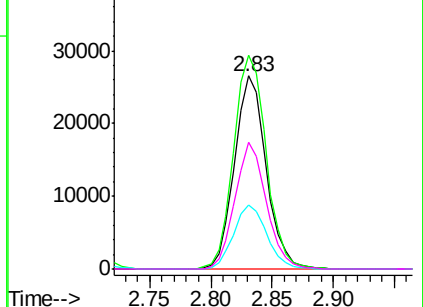


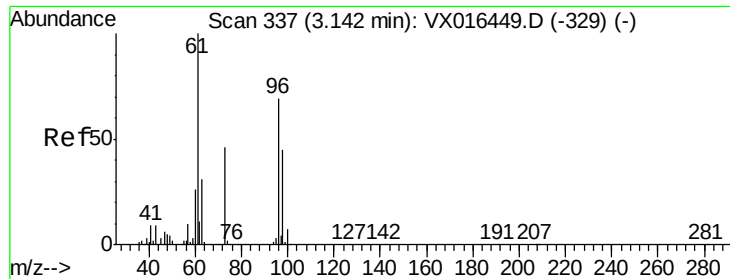
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 17.725 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

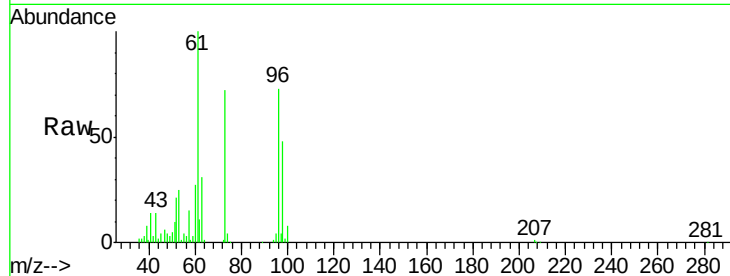
Tot Ion: 96 Resp: 45132

Ion Ratio Lower Upper

96 100

61 137.6 115.3 172.9

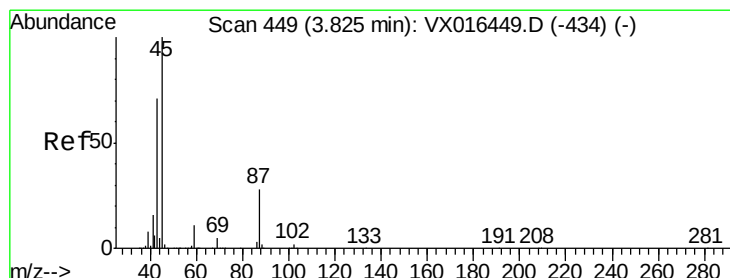
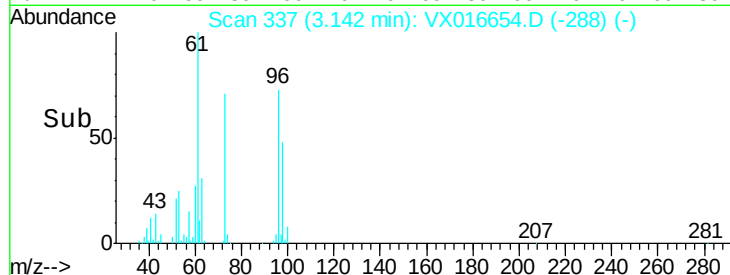
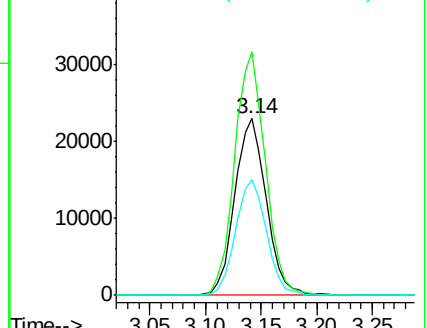
98 65.6 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 16.874 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Tgt Ion: 45 Resp: 137232

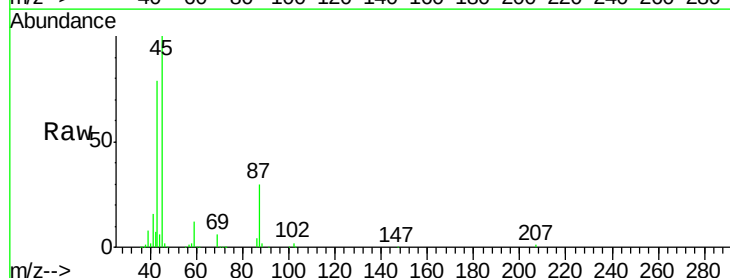
Ion Ratio Lower Upper

45 100

43 78.1 57.0 85.6

87 30.3 22.5 33.7

59 12.5 9.1 13.7

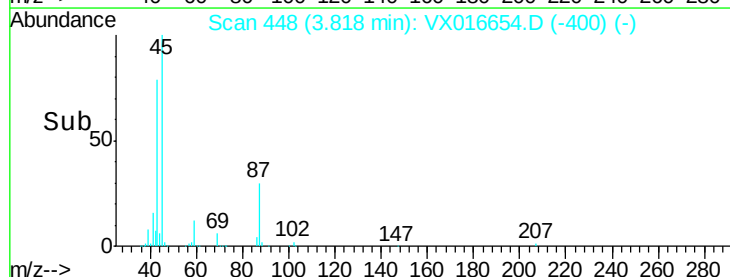
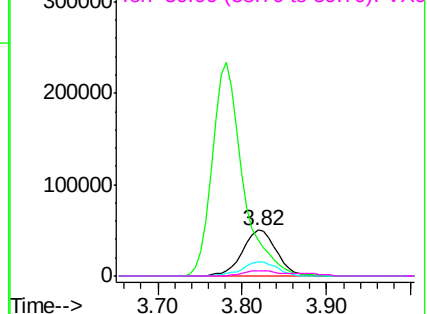


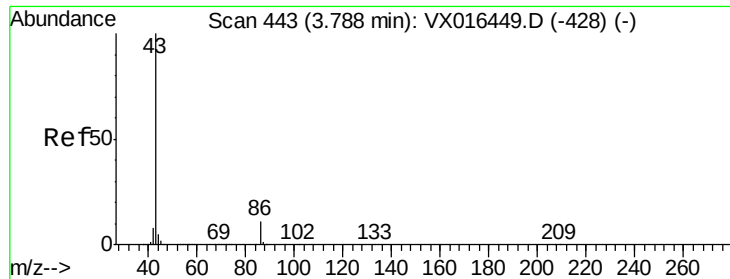
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 82.287 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

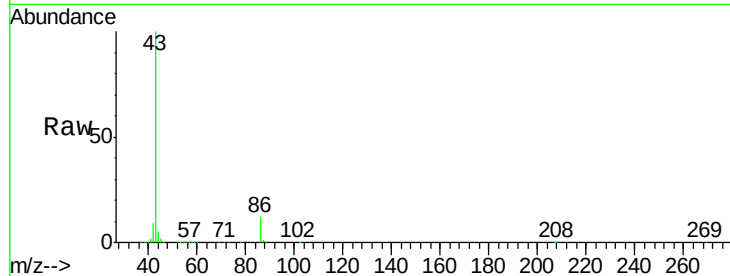
VX0609WBS01

Tot Ion: 43 Resp: 585773

Ion Ratio Lower Upper

43 100

86 12.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

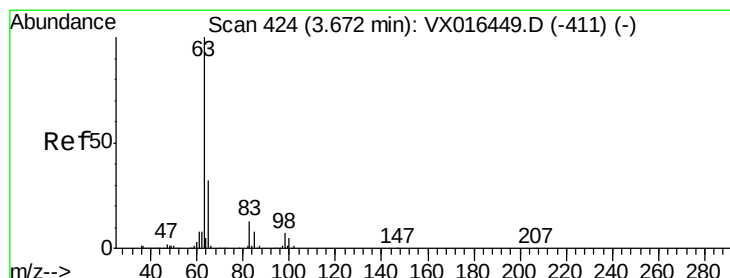
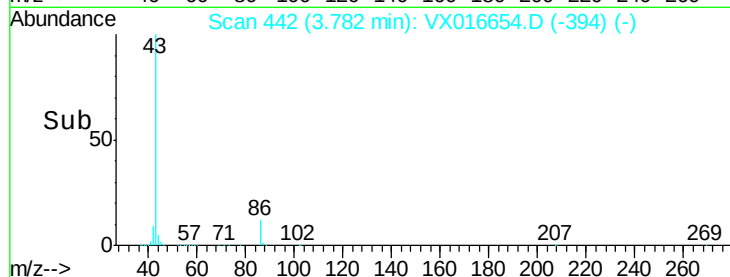
100000

50000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.752 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

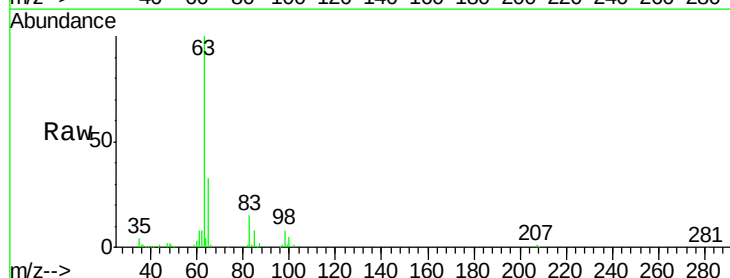
Tgt Ion: 63 Resp: 81487

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.8 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

40000

30000

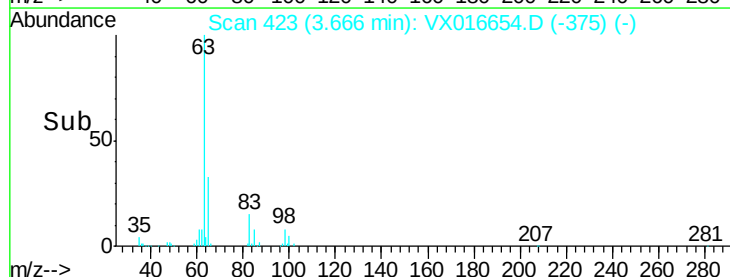
20000

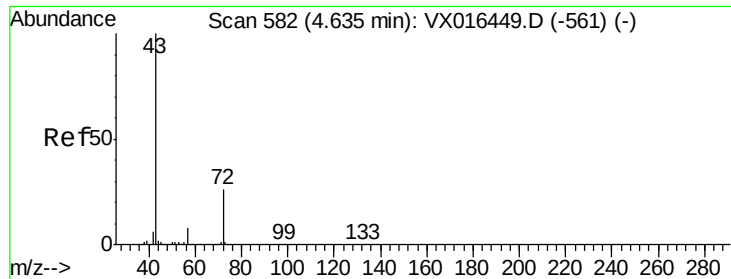
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 79.194 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

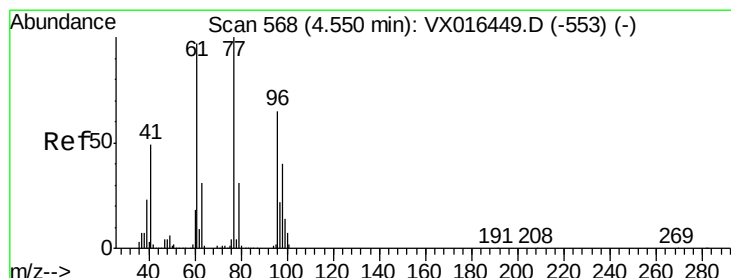
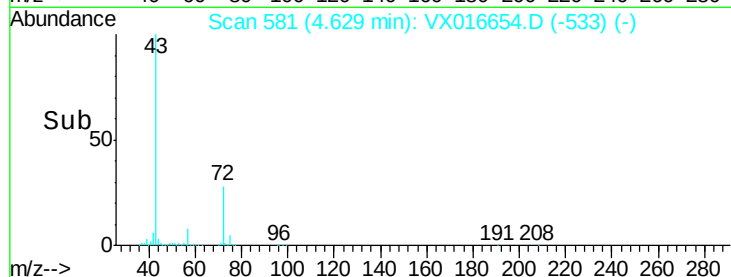
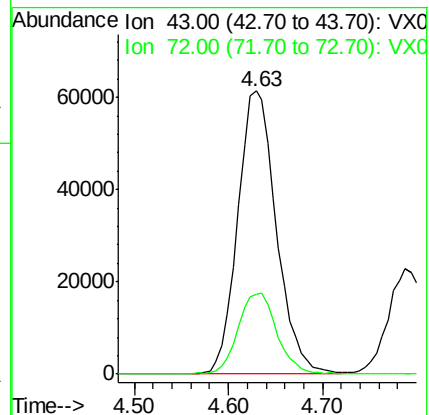
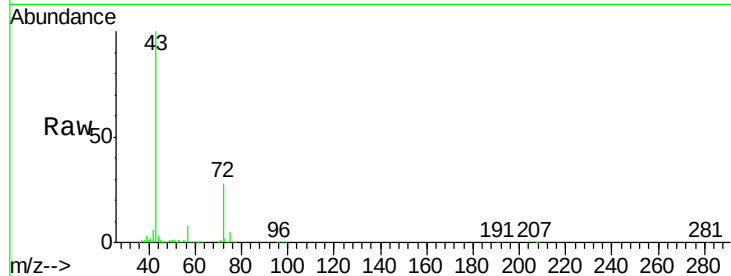
VX0609WBS01

Tot Ion: 43 Resp: 174677

Ion Ratio Lower Upper

43 100

72 27.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.886 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016654.D

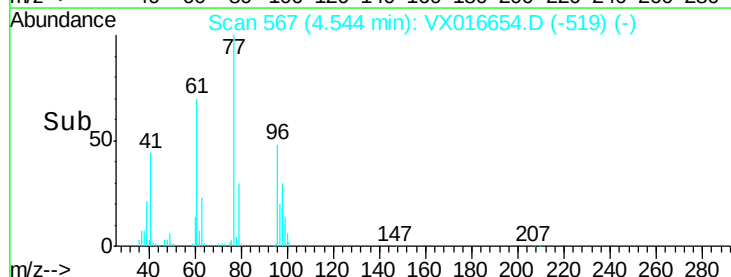
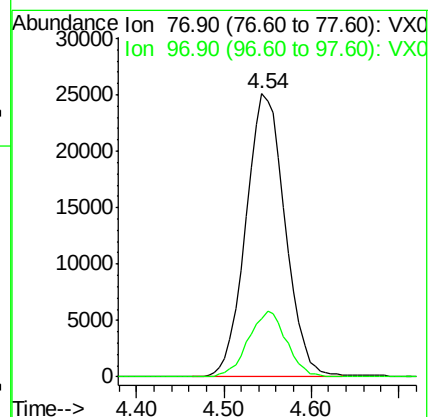
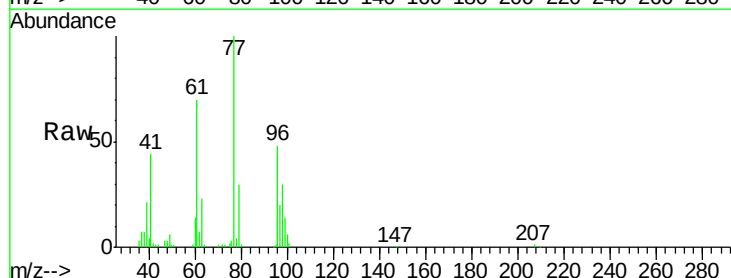
Acq: 09 Jun 2020 10:59

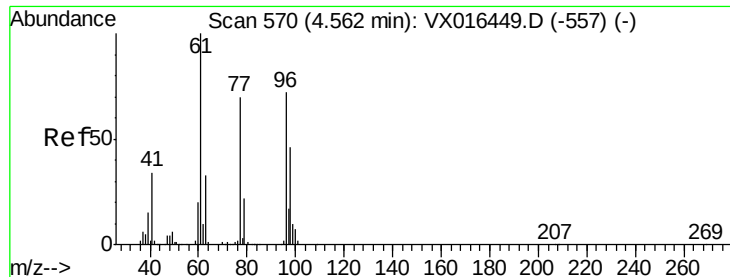
Tgt Ion: 77 Resp: 78451

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4



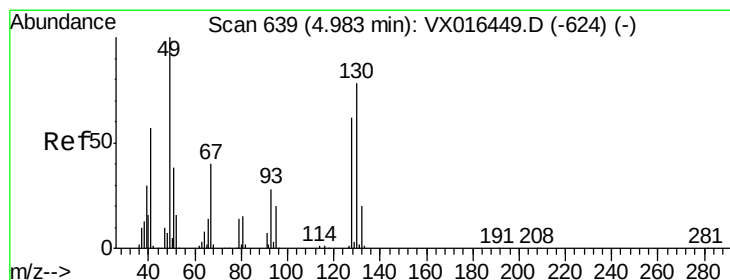
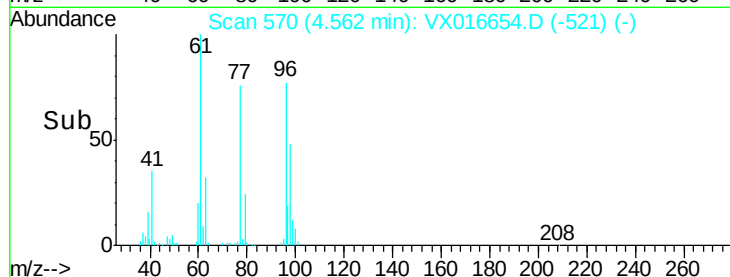
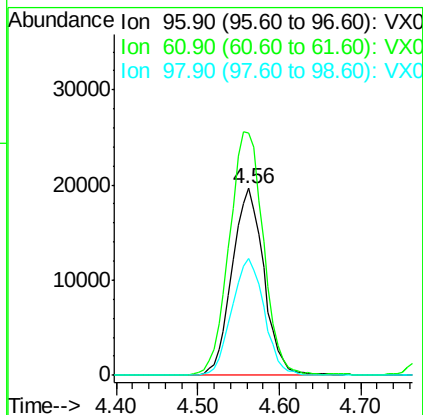
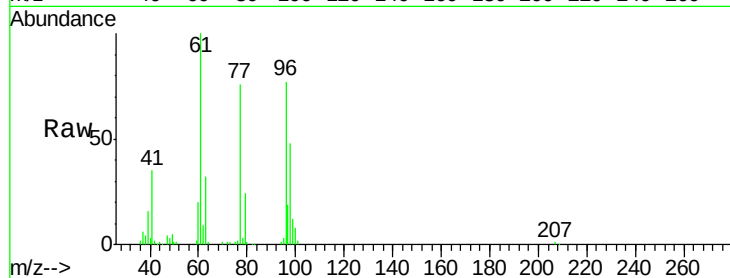


#27

cis-1,2-Dichloroethene
Concen: 18.049 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

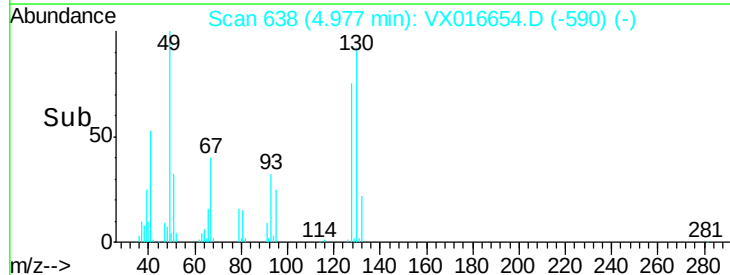
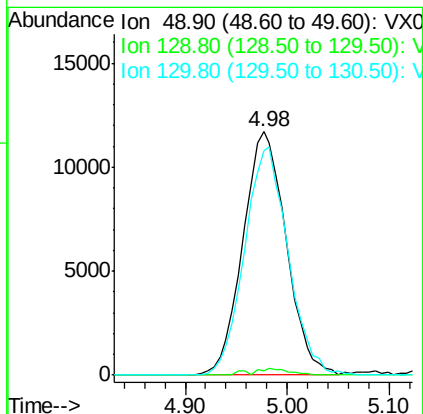
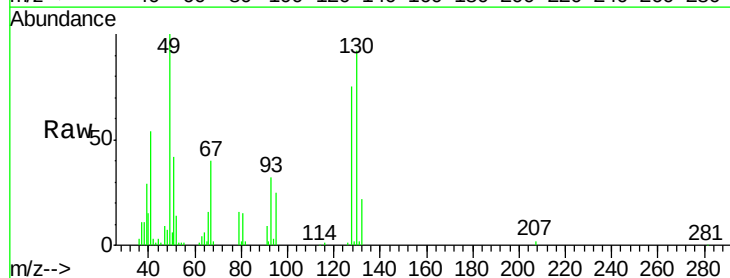
Tot Ion: 96 Resp: 53169
Ion Ratio Lower Upper
96 100
61 139.8 0.0 284.6
98 63.6 0.0 127.2

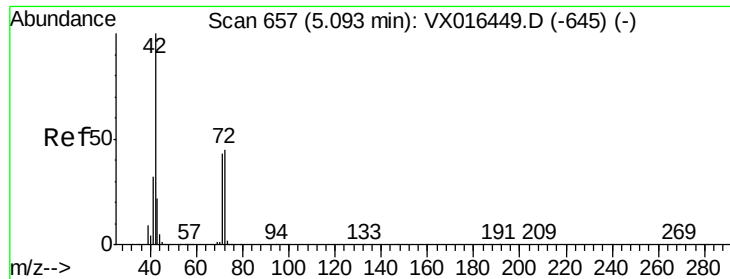


#28

Bromochloromethane
Concen: 16.192 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion: 49 Resp: 34540
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 94.1 63.0 94.4

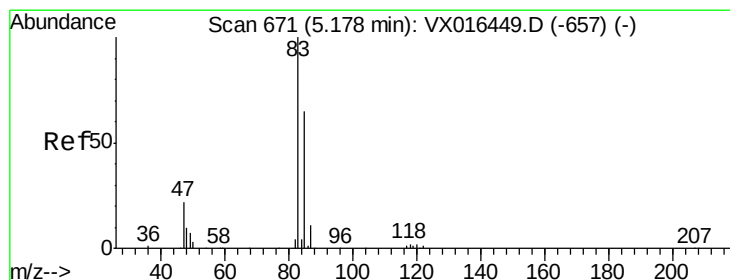
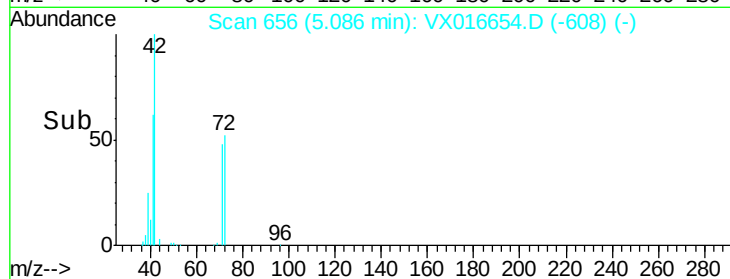
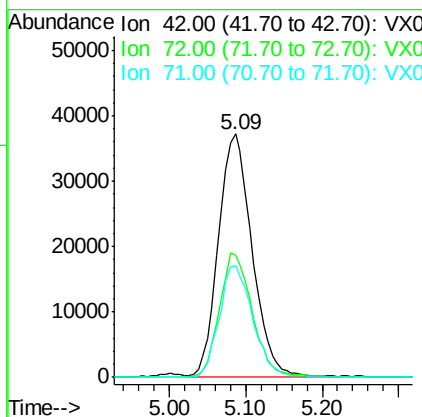
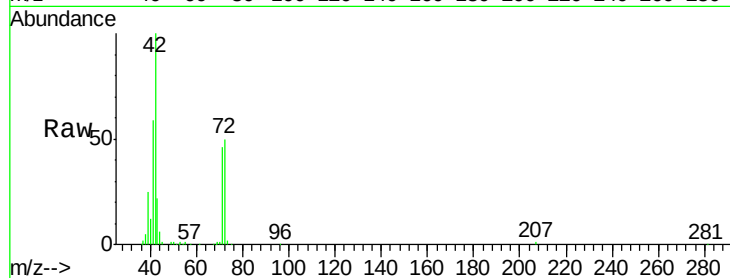




#29
Tetrahydrofuran
Concen: 79.136 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

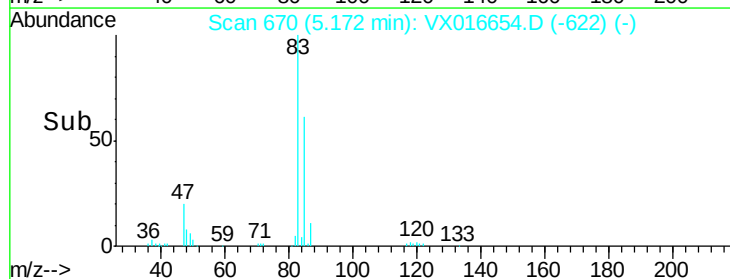
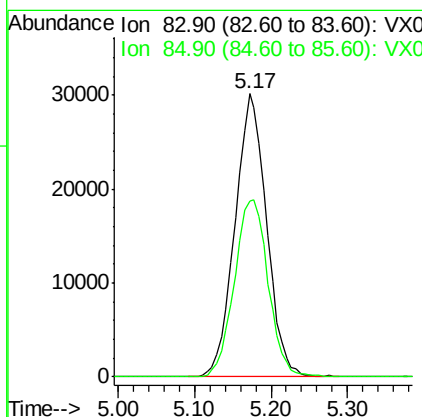
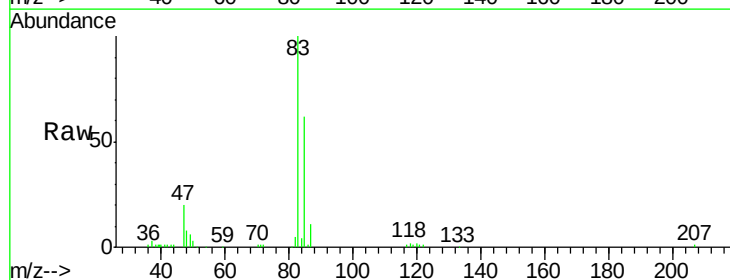
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

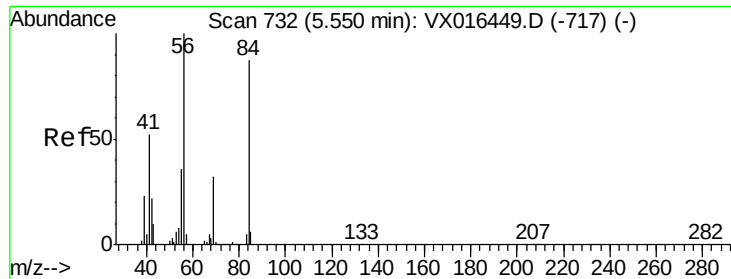
Tot Ion: 42 Resp: 112766
Ion Ratio Lower Upper
42 100
72 50.6 37.0 55.4
71 46.0 34.1 51.1



#30
Chloroform
Concen: 18.684 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion: 83 Resp: 86415
Ion Ratio Lower Upper
83 100
85 62.0 52.0 78.0

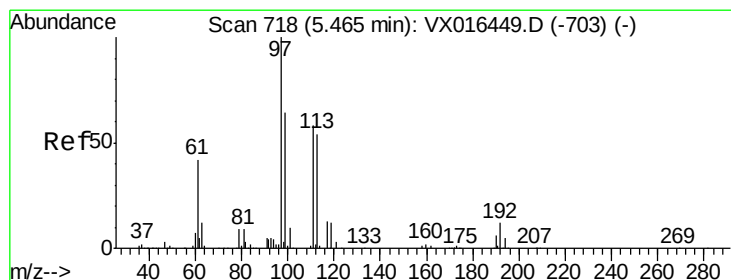
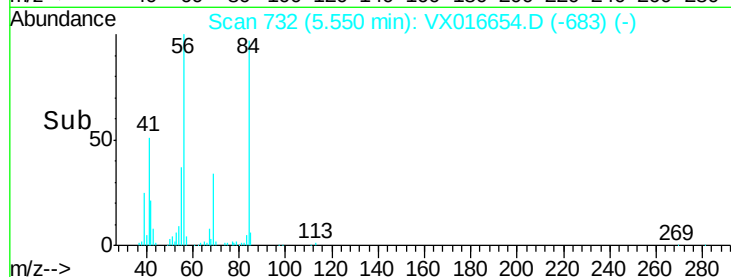
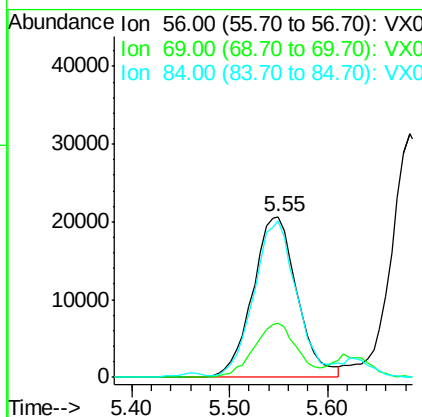
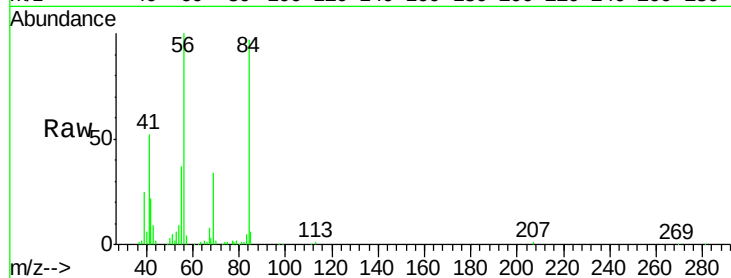




#31
Cyclohexane
Concen: 15.864 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

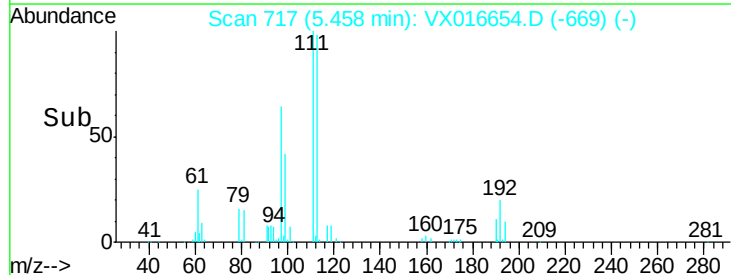
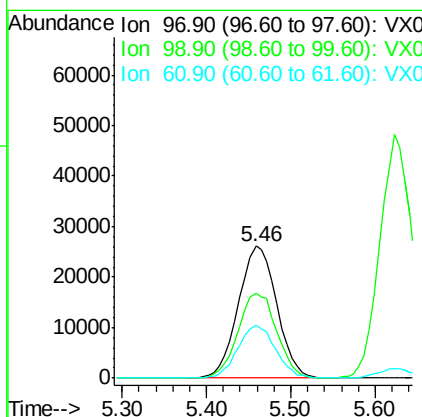
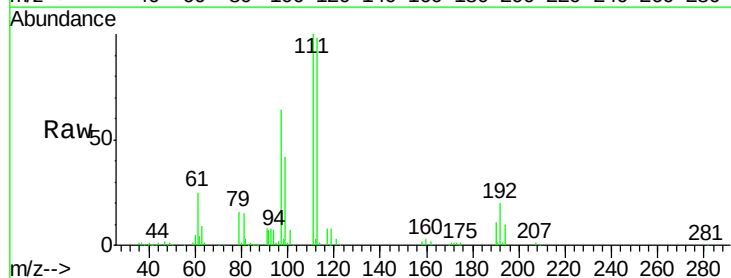
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

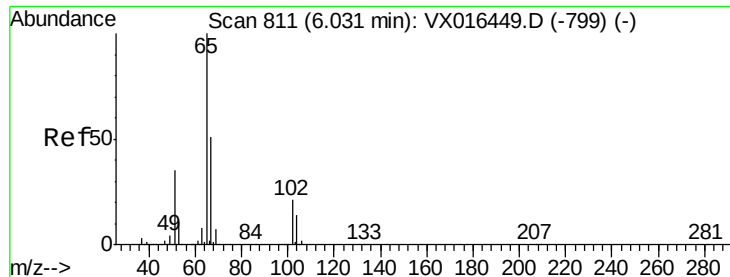
Tot Ion: 56 Resp: 65513
Ion Ratio Lower Upper
56 100
69 33.8 25.7 38.5
84 94.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.265 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion: 97 Resp: 80669
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 39.5 33.5 50.3

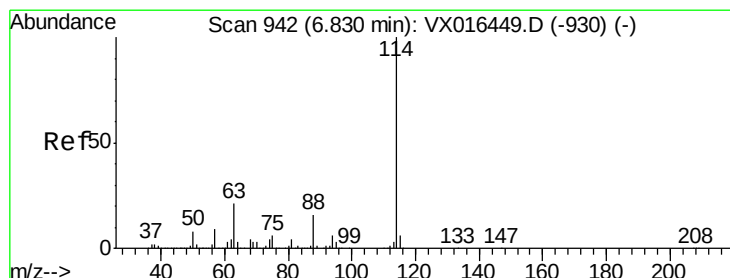
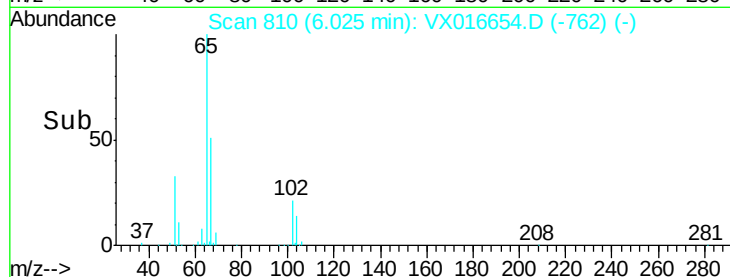
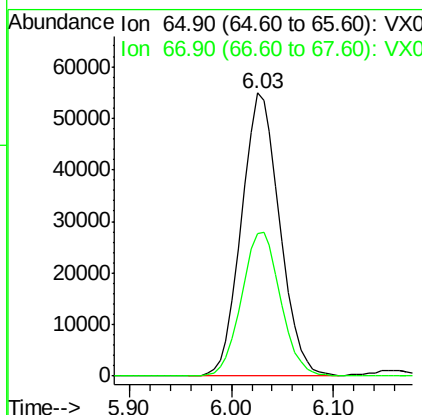
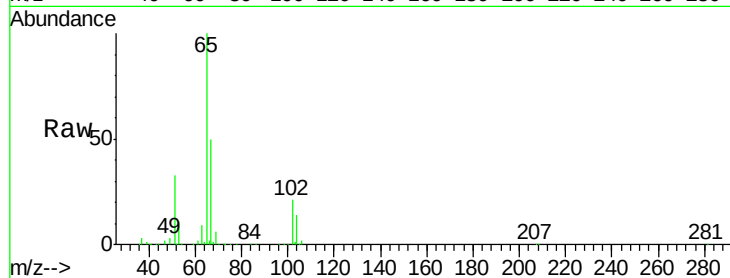




#33
 1,2-Dichloroethane-d4
 Concen: 48.243 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

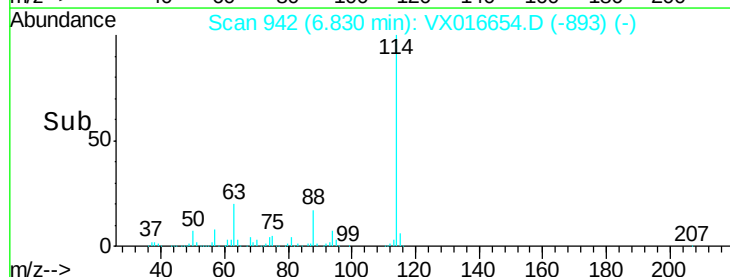
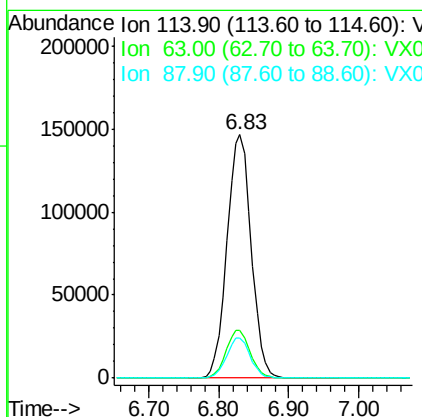
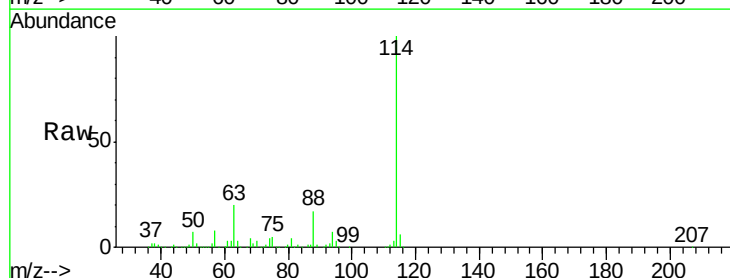
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

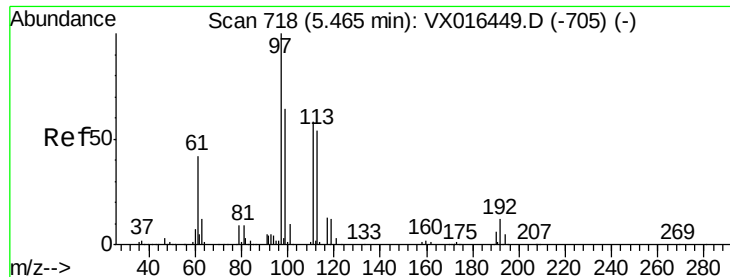
Tot Ion: 65 Resp: 143334
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Tgt Ion: 114 Resp: 352435
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.6
 88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.662 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

VX0609WBS01

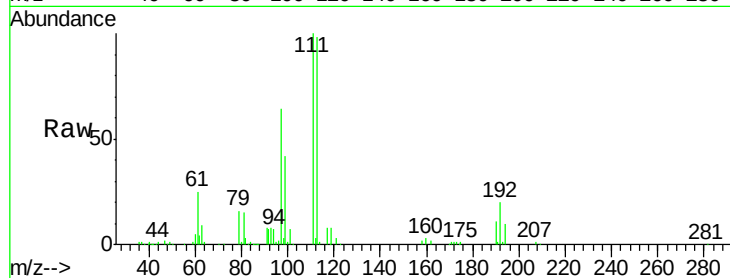
Tot Ion:113 Resp: 116452

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

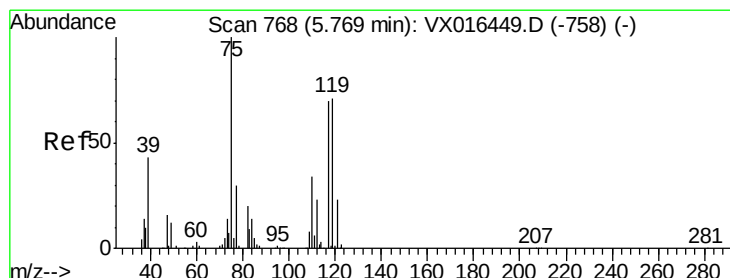
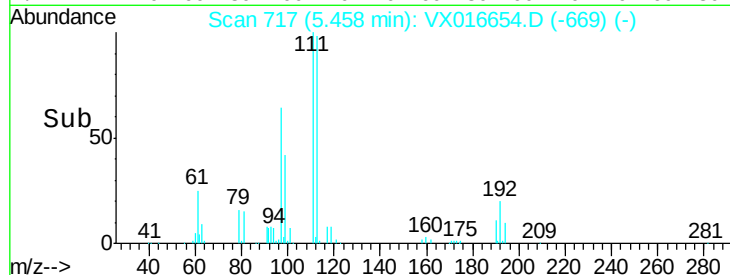
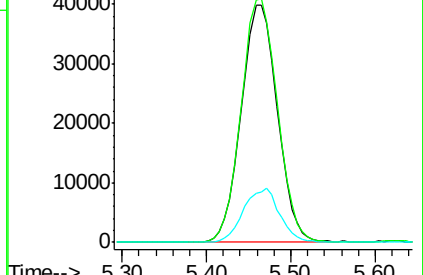
192 22.6 17.7 26.5



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: 18.664 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

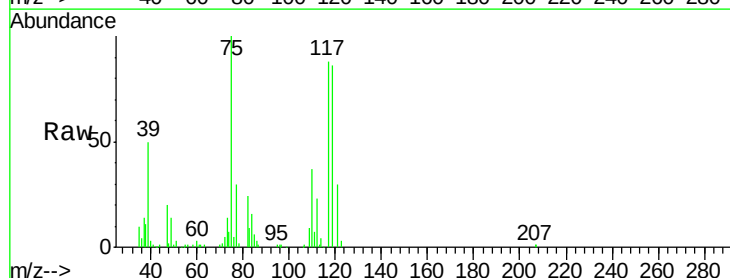
Tgt Ion: 75 Resp: 62279

Ion Ratio Lower Upper

75 100

110 37.0 17.4 52.3

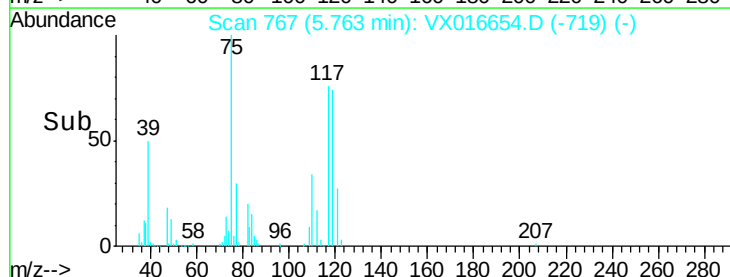
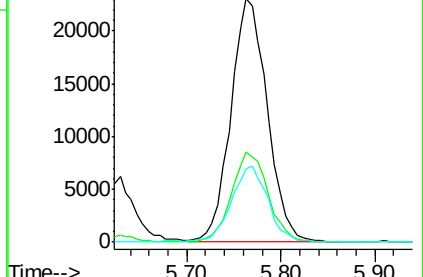
77 31.2 24.2 36.4

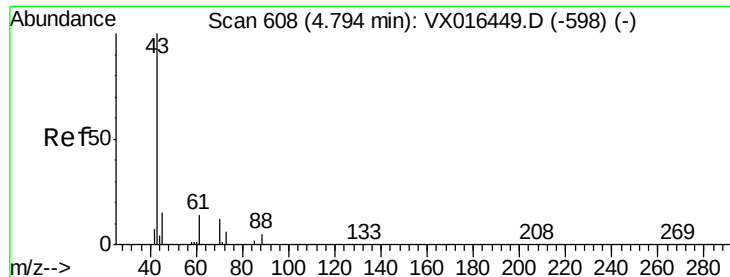


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

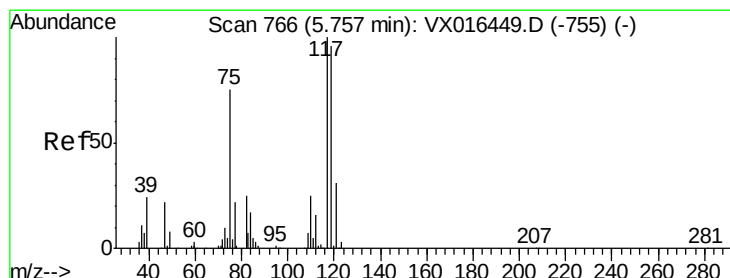
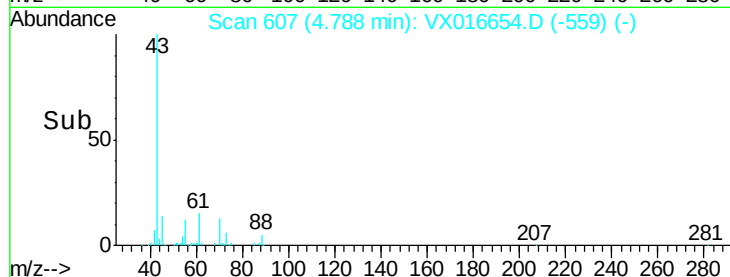
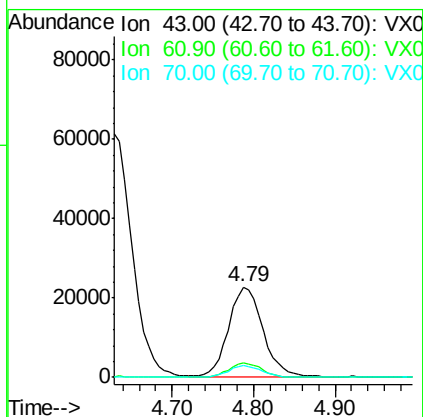
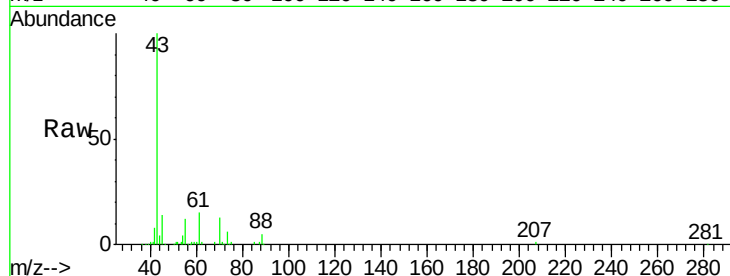




#37
Ethyl Acetate
Concen: 16.399 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

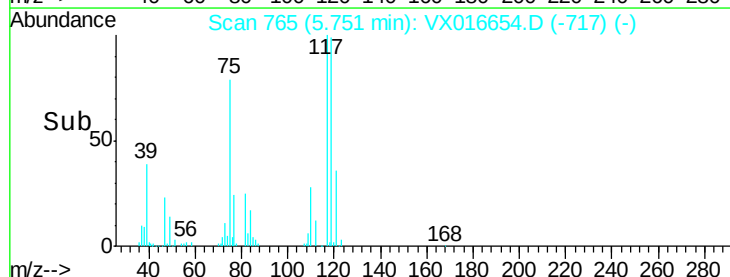
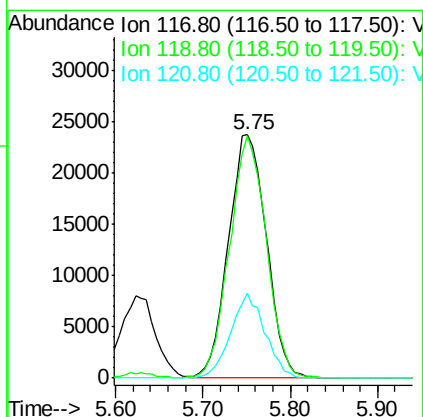
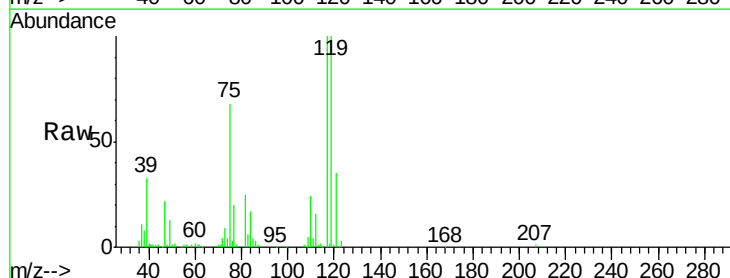
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

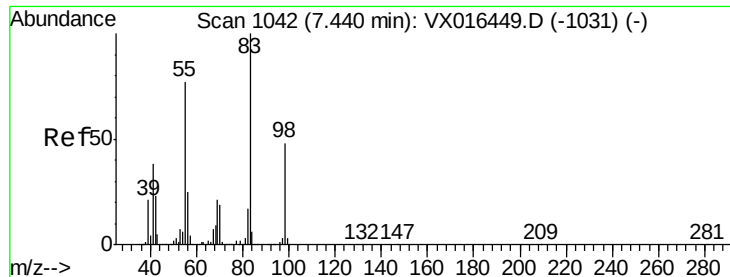
Tot Ion: 43 Resp: 65699
Ion Ratio Lower Upper
43 100
61 15.5 11.3 16.9
70 12.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 20.468 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion: 117 Resp: 71775
Ion Ratio Lower Upper
117 100
119 99.4 76.3 114.5
121 35.0 24.6 37.0

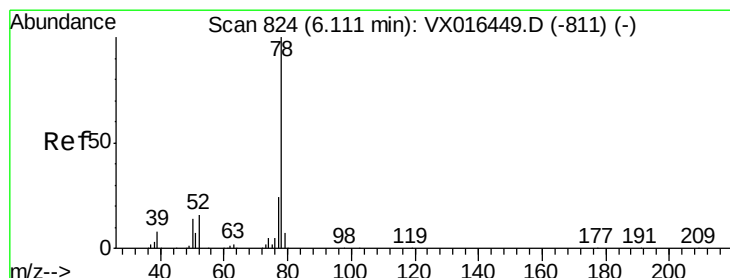
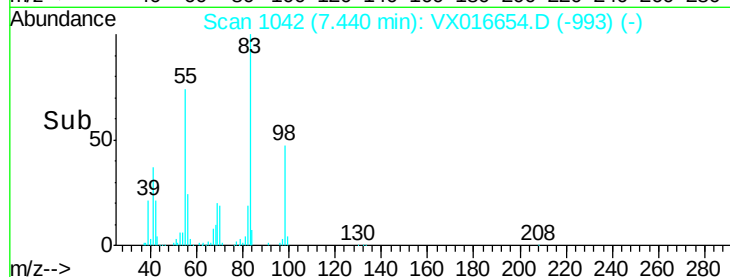
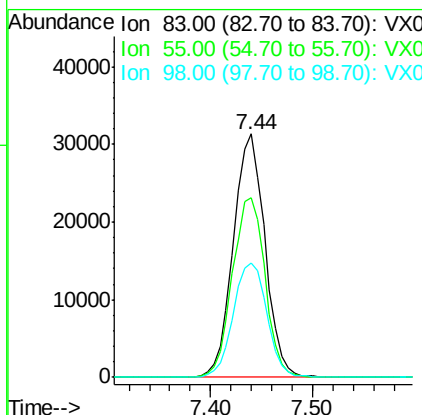
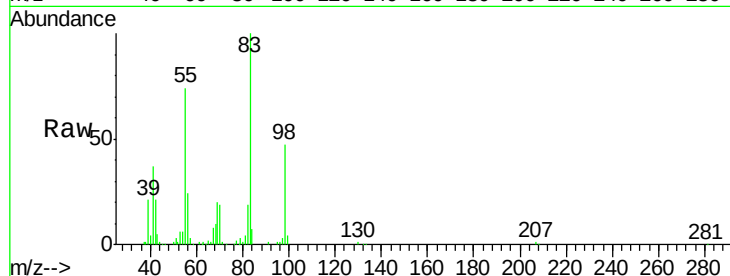




#39
Methylvlcyclohexane
Concen: 18.587 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

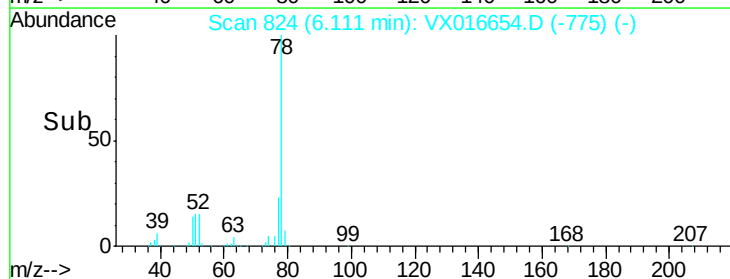
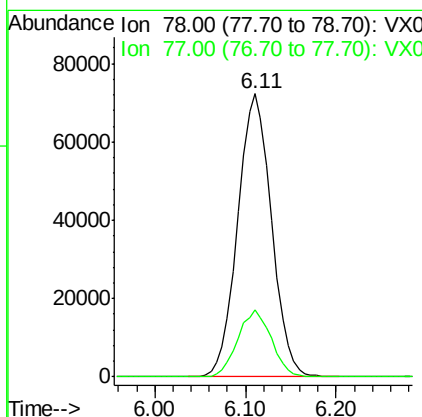
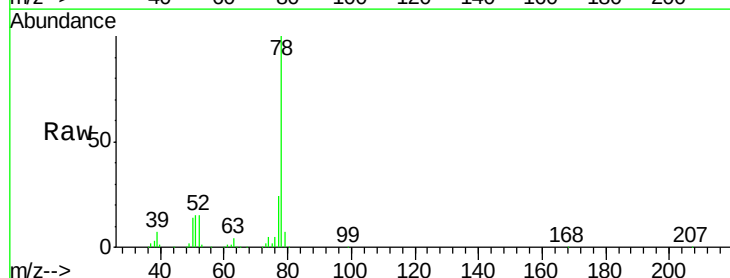
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

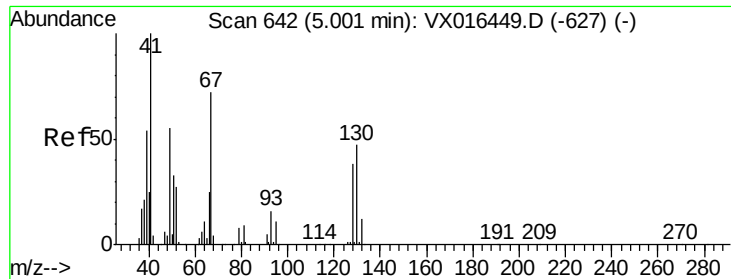
Tot Ion	83	Resp	67367
Ion	Ratio	Lower	Upper
83	100		
55	73.7	61.7	92.5
98	47.1	38.7	58.1



#40
Benzene
Concen: 18.810 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion	78	Resp	186912
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3

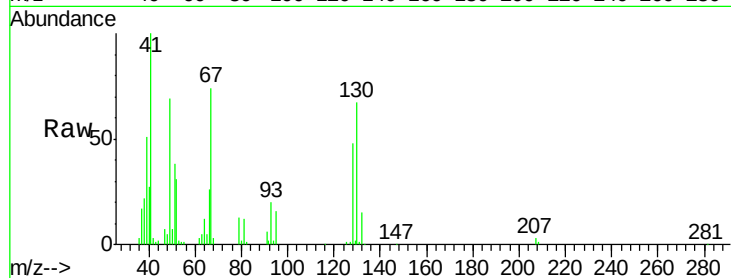




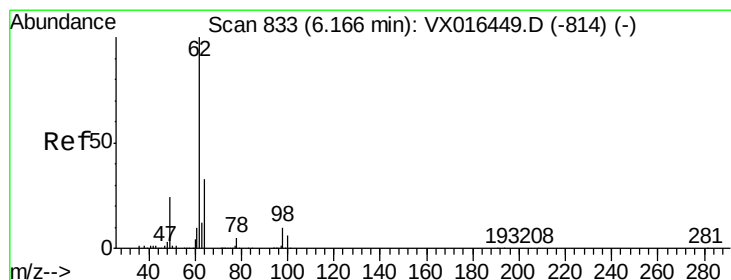
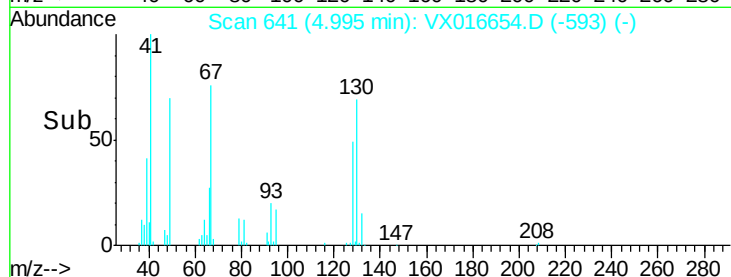
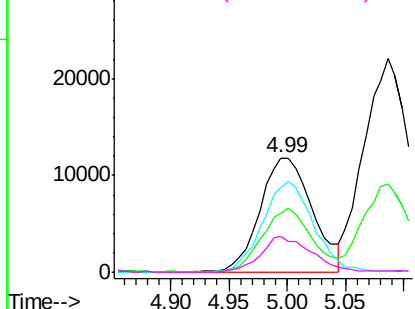
#41
Methacrylonitrile
Concen: 16.726 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

Tot Ion:	41	Resp:	36806
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.0	64.4
67	77.2	58.9	88.3
52	30.9	23.1	34.7

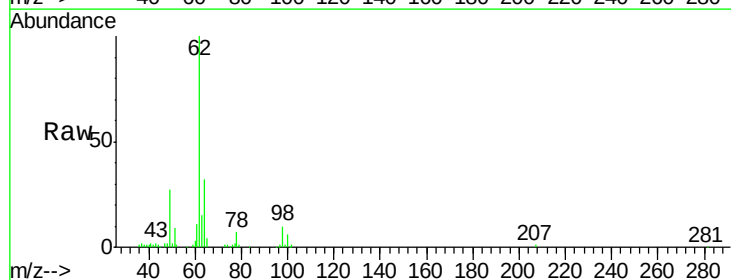


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

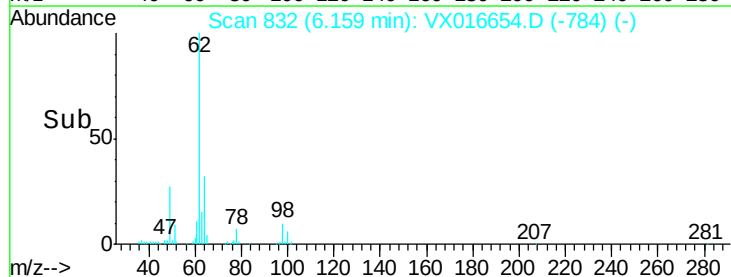
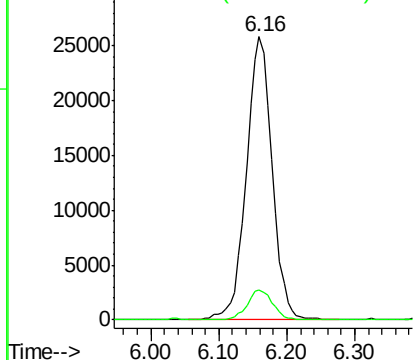


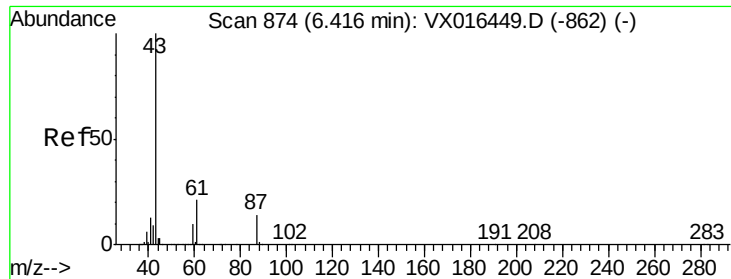
#42
1,2-Dichloroethane
Concen: 19.309 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion:	62	Resp:	68237
Ion	Ratio	Lower	Upper
62	100		
98	10.3	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: 16.901 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

VX0609WBS01

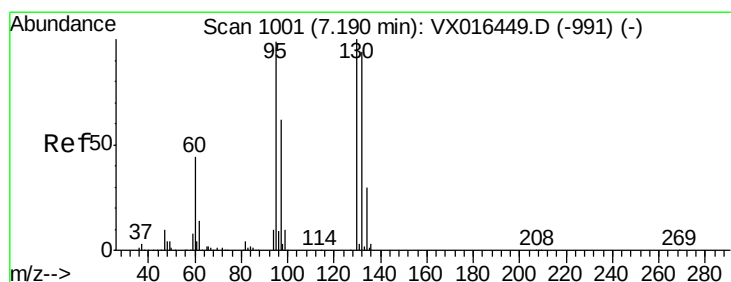
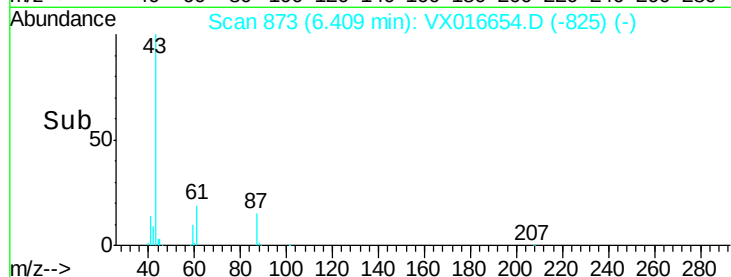
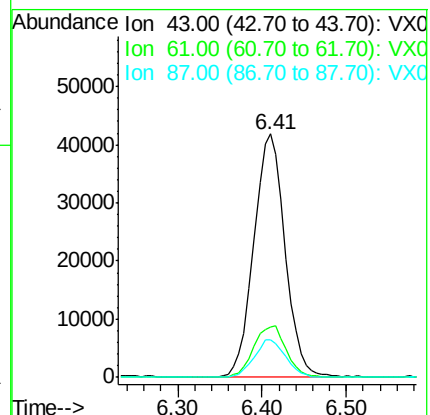
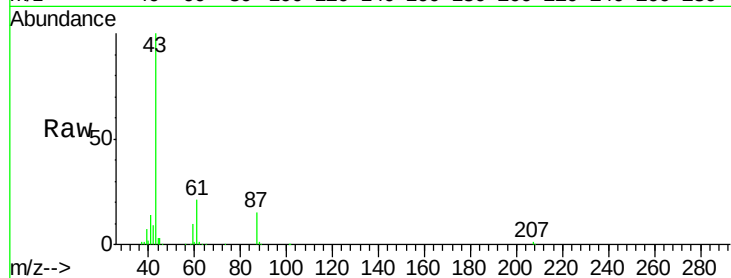
Tot Ion: 43 Resp: 105612

Ion Ratio Lower Upper

43 100

61 22.0 16.8 25.2

87 15.5 11.2 16.8



#44

Trichloroethene

Concen: 20.054 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016654.D

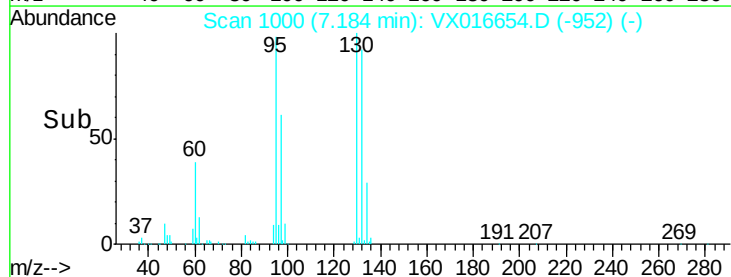
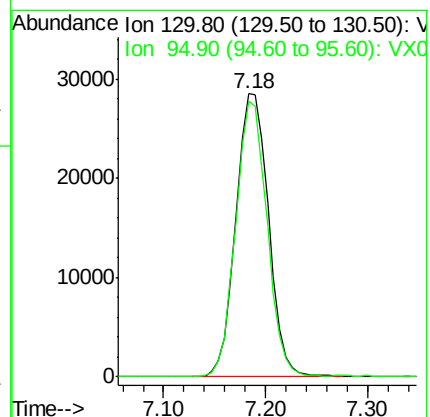
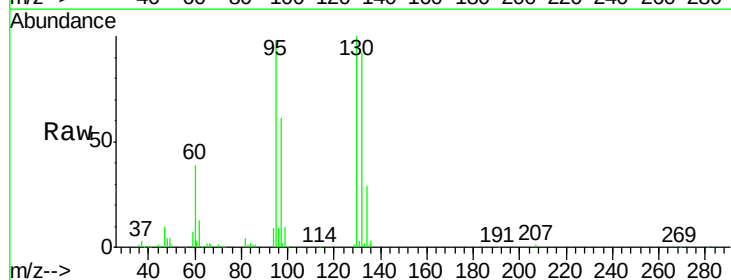
Acq: 09 Jun 2020 10:59

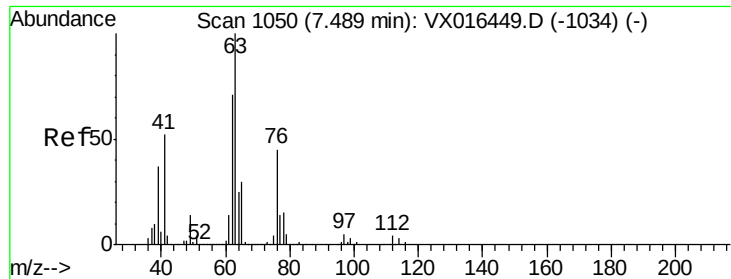
Tgt Ion:130 Resp: 63227

Ion Ratio Lower Upper

130 100

95 97.5 0.0 198.2

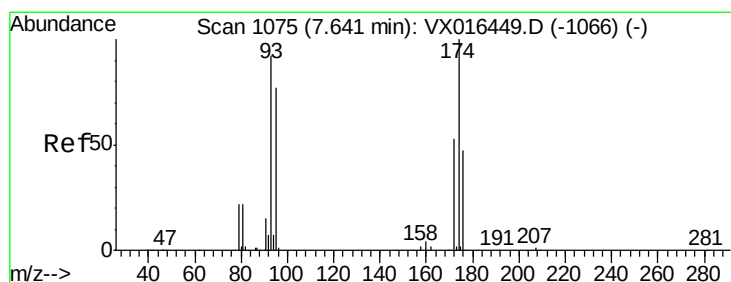
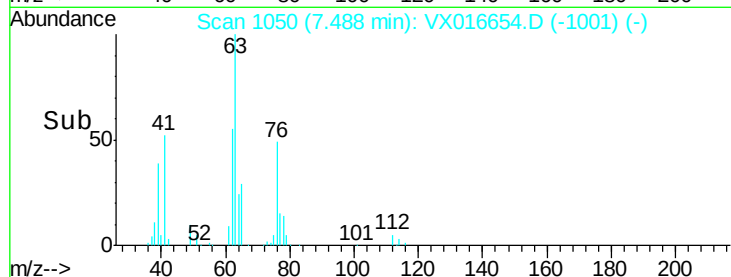
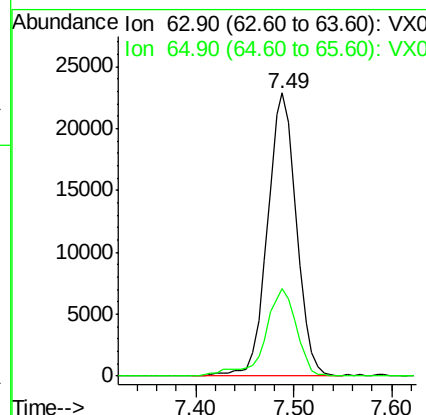
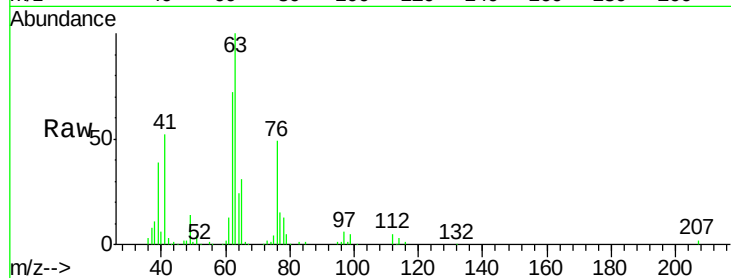




#45
 1,2-Dichloropropane
 Concen: 18.533 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

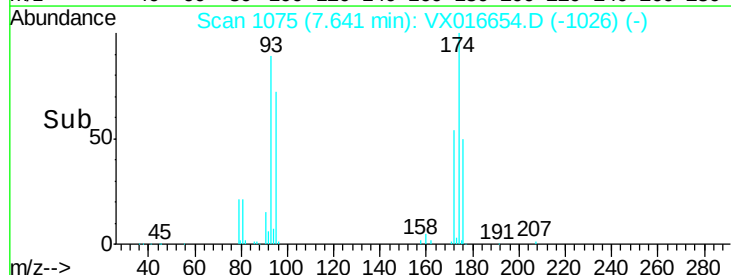
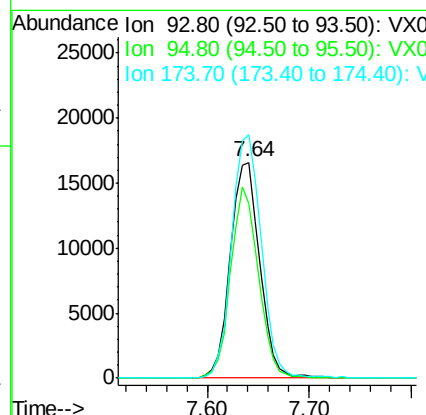
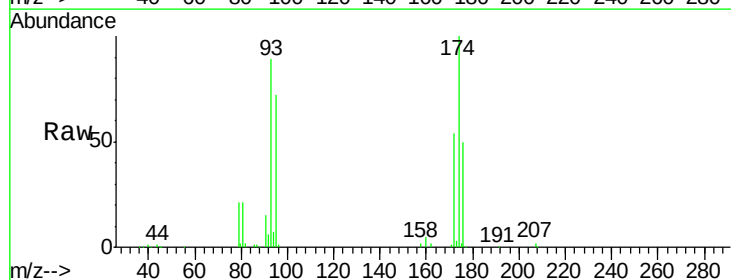
Instrument :
 MSVOA_X
 ClientSampled :
 VX0609WBS01

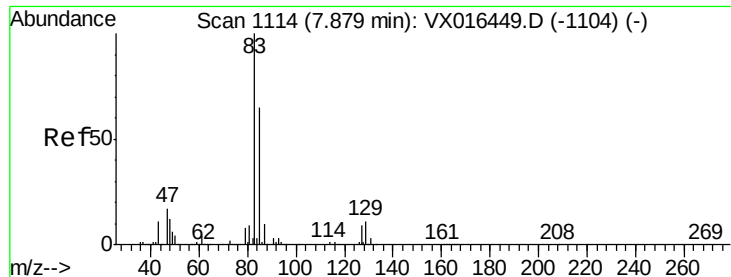
Tot Ion: 63 Resp: 46883
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.2



#46
 Dibromomethane
 Concen: 19.481 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Tgt Ion: 93 Resp: 33102
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 100.0
 174 113.7 86.2 129.4





#47

Bromodichloromethane

Concen: 19.712 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

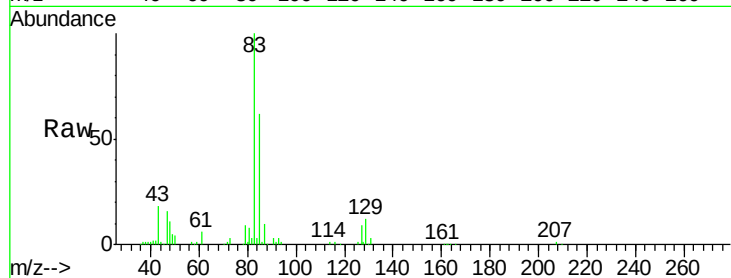
Tot Ion: 83 Resp: 69352

Ion Ratio Lower Upper

83 100

85 61.8 52.0 78.0

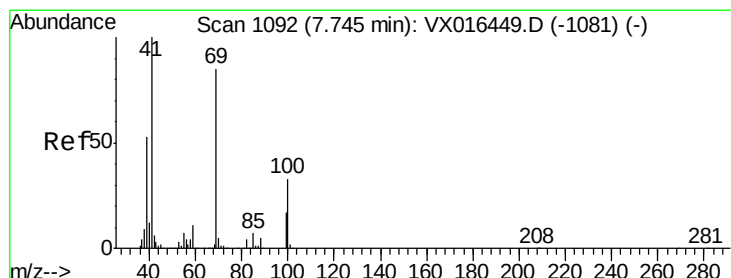
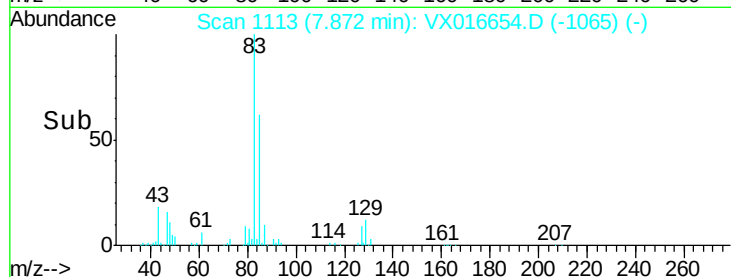
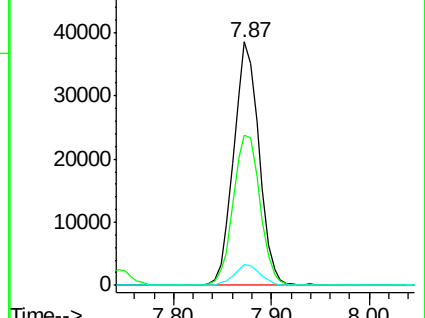
127 8.6 7.4 11.0



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: 16.499 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

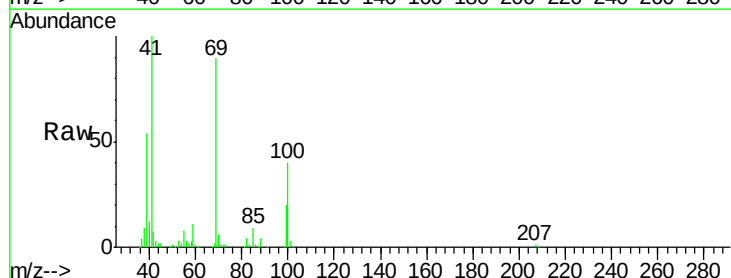
Tgt Ion: 41 Resp: 49364

Ion Ratio Lower Upper

41 100

69 92.6 68.6 102.8

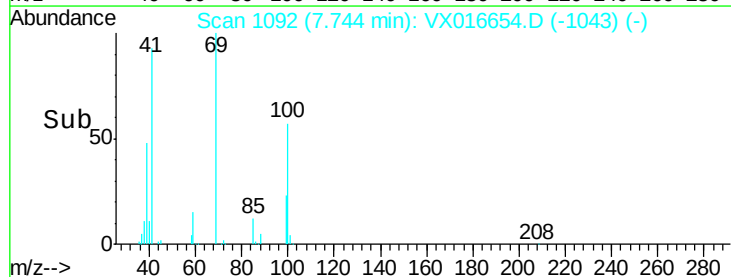
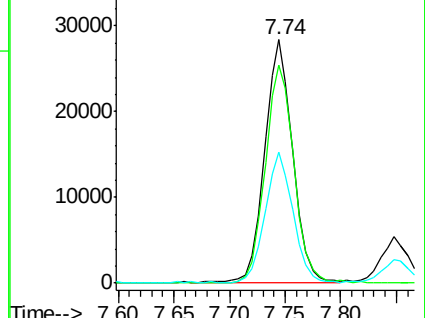
39 54.5 42.4 63.6

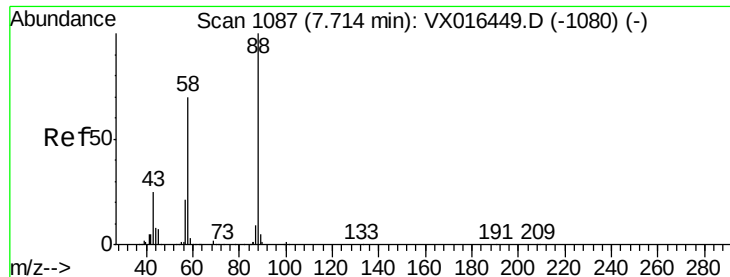


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 369.705 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

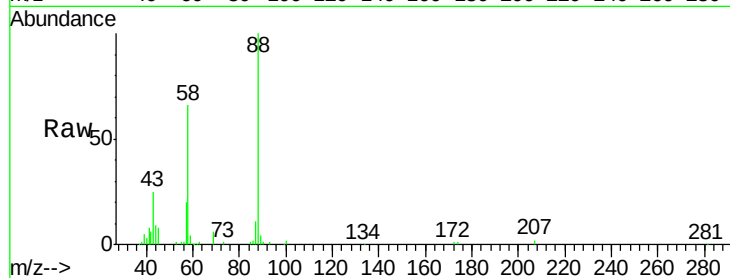
Tot Ion: 88 Resp: 25887

Ion	Ratio	Lower	Upper
88	100		
43	31.1	24.2	36.4
58	66.3	56.5	84.7

88 100

43 31.1 24.2 36.4

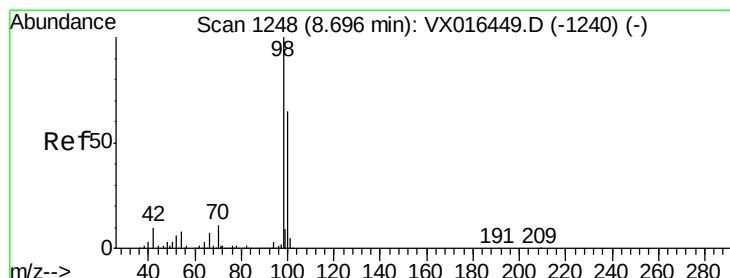
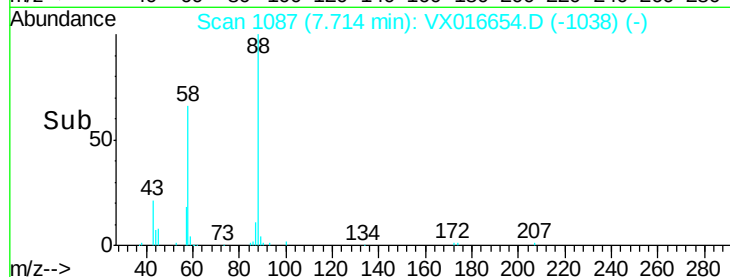
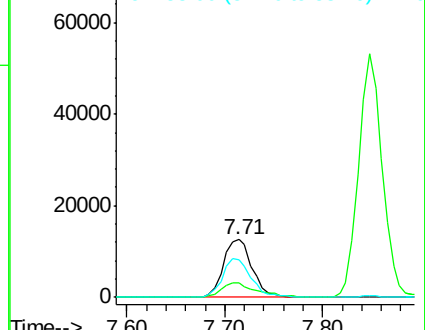
58 66.3 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.468 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016654.D

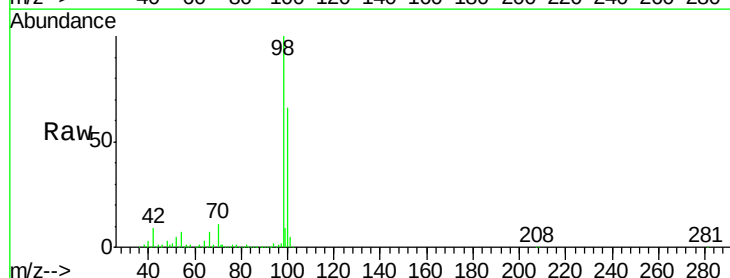
Acq: 09 Jun 2020 10:59

Tgt Ion: 98 Resp: 443168

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.8	80.6

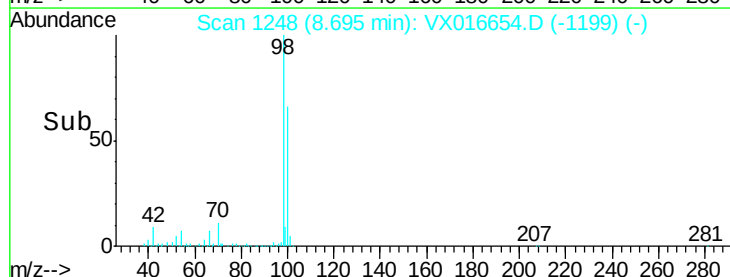
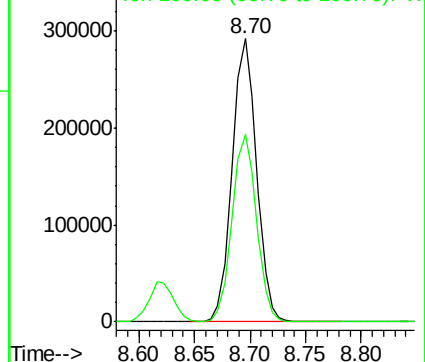
98 100

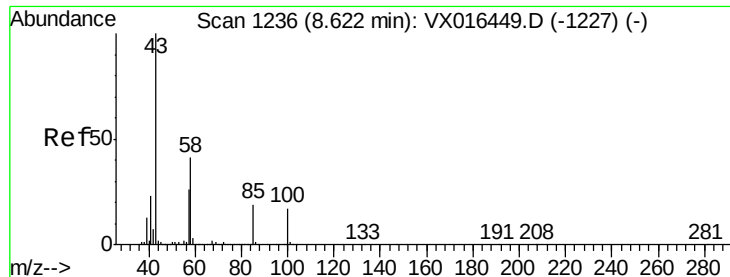
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 84.985 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

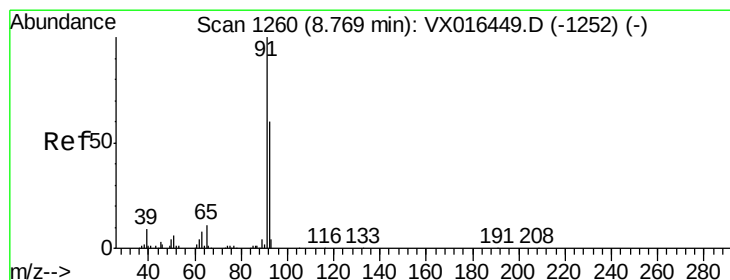
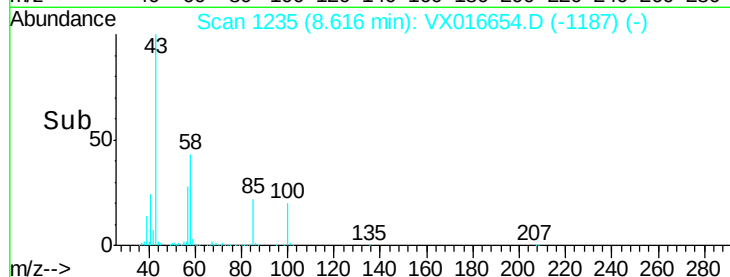
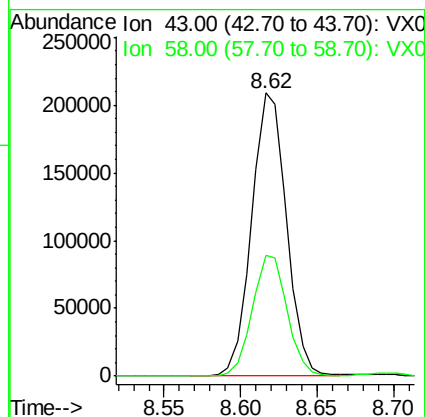
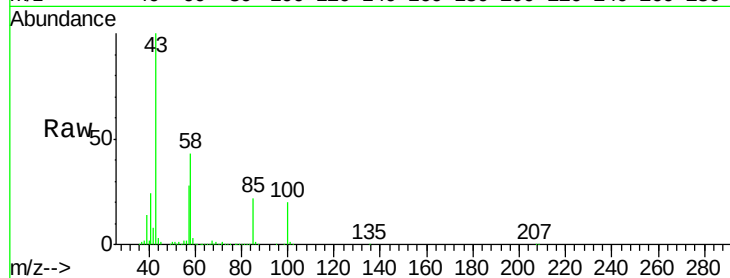
VX0609WBS01

Tot Ion: 43 Resp: 330676

Ion Ratio Lower Upper

43 100

58 42.9 33.0 49.6



#52

Toluene

Concen: 19.279 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016654.D

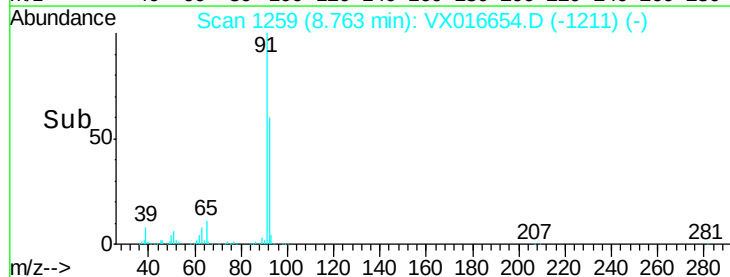
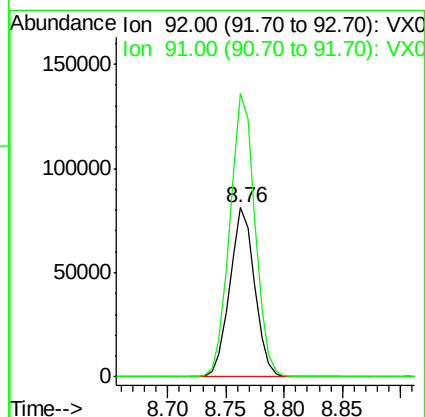
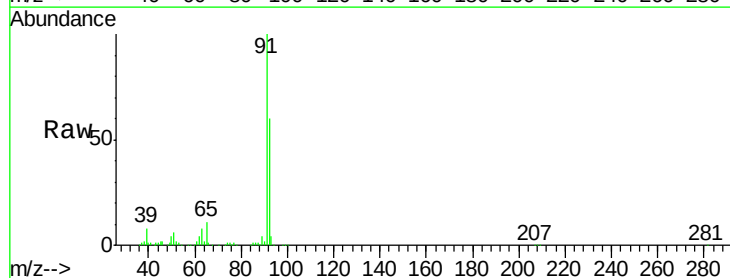
Acq: 09 Jun 2020 10:59

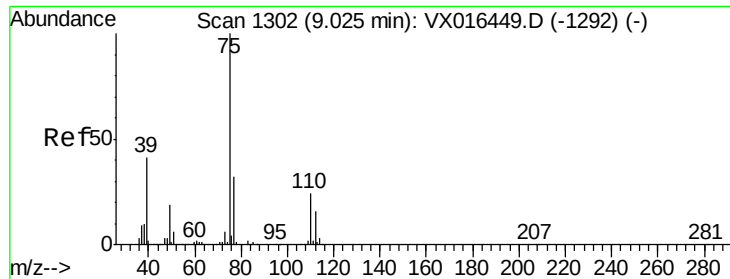
Tgt Ion: 92 Resp: 120805

Ion Ratio Lower Upper

92 100

91 169.3 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 19.414 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

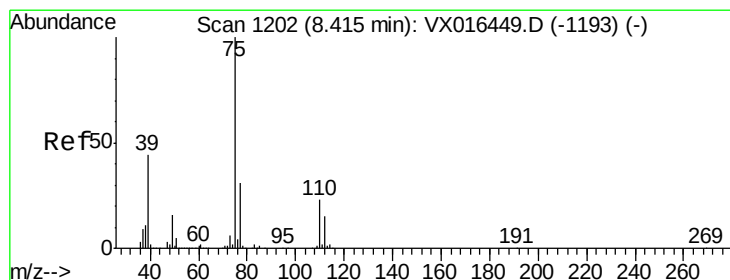
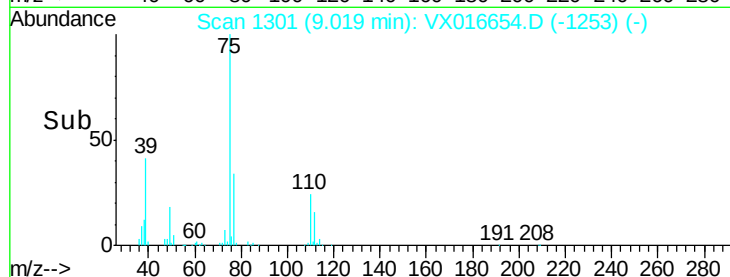
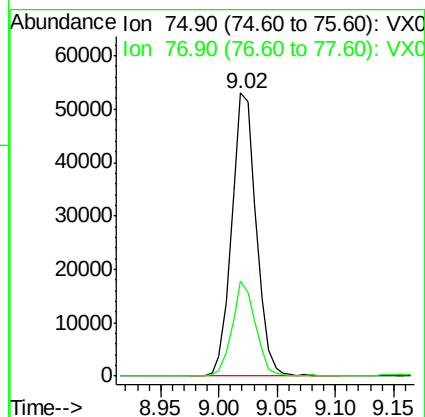
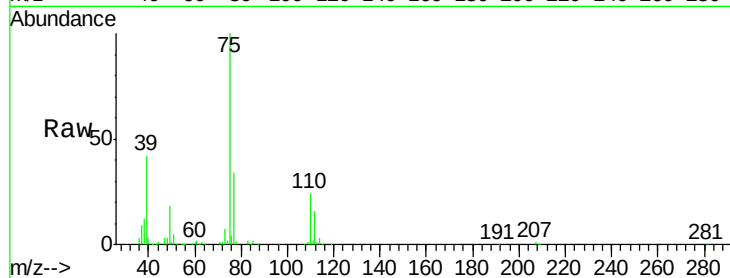
VX0609WBS01

Tot Ion: 75 Resp: 77669

Ion Ratio Lower Upper

75 100

77 33.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.365 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

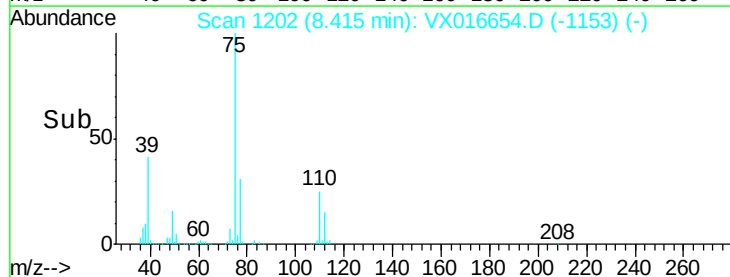
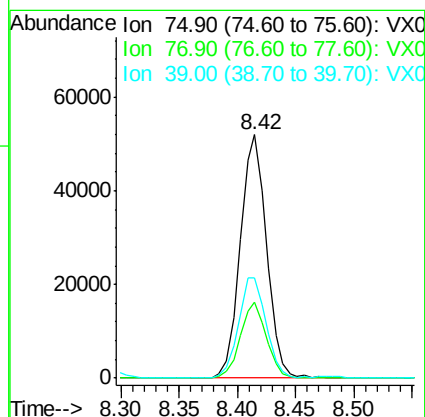
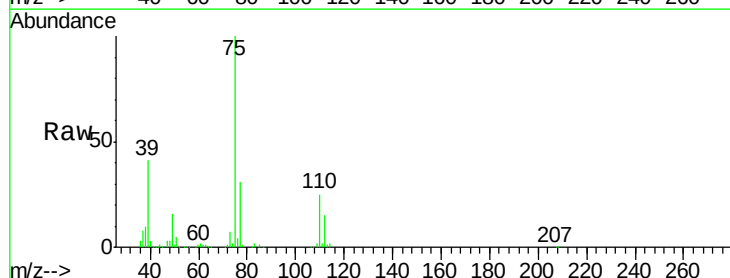
Tgt Ion: 75 Resp: 82002

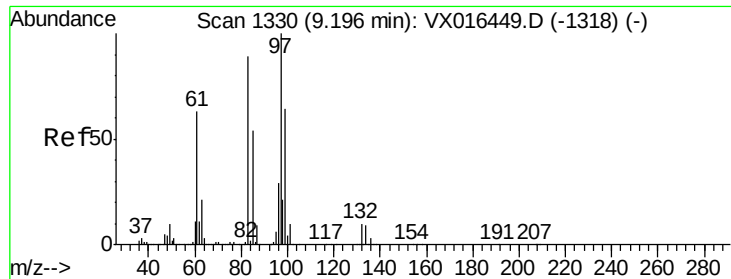
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 41.1 35.3 52.9

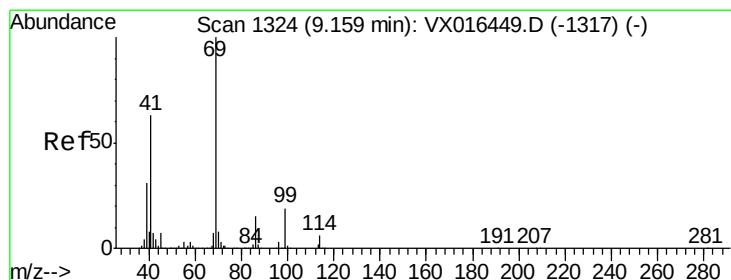
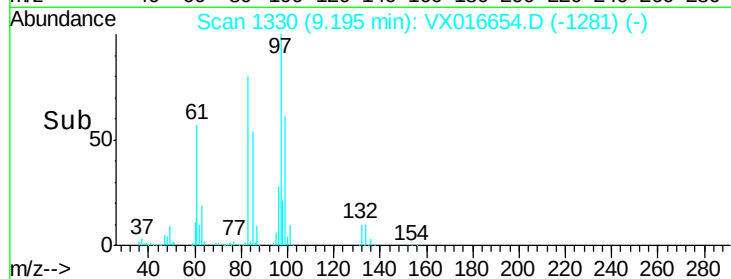
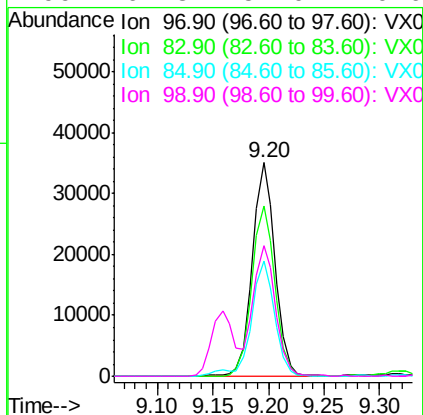
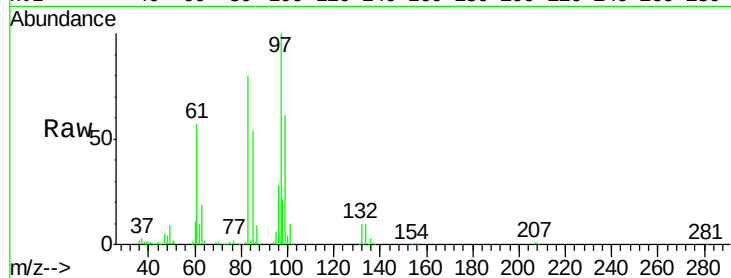




#55
 1,1,2-Trichloroethane
 Concen: 20.068 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

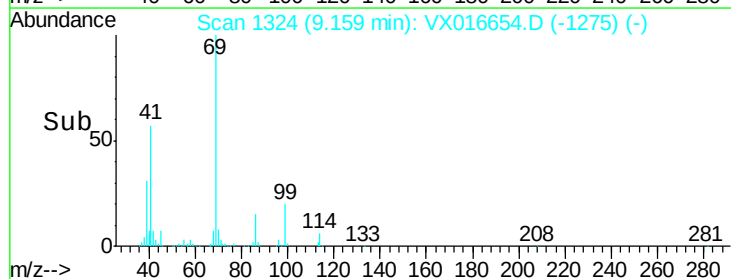
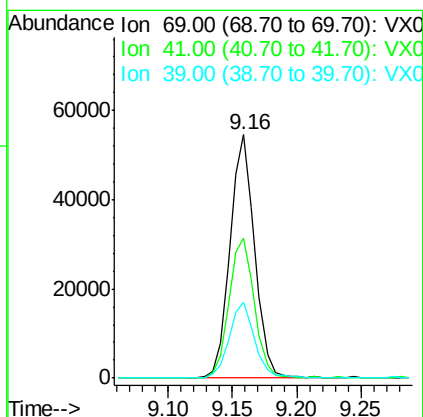
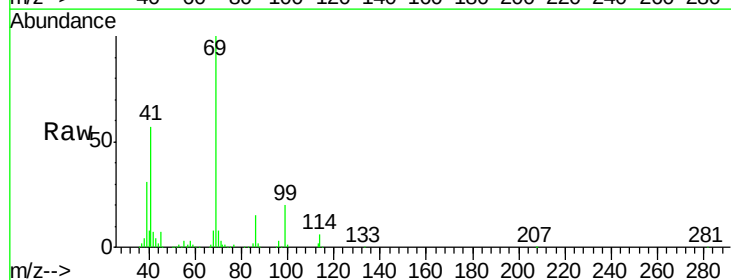
Instrument :
 MSVOA_X
 ClientSampled :
 VX0609WBS01

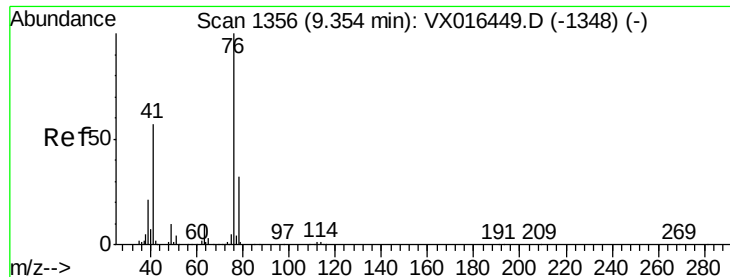
Tot Ion:	97	Resp:	50000
Ion	Ratio	Lower	Upper
97	100		
83	79.9	70.9	106.3
85	53.7	43.4	65.2
99	61.3	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 18.007 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Tgt Ion:	69	Resp:	73065
Ion	Ratio	Lower	Upper
69	100		
41	59.2	50.7	76.1
39	31.7	25.8	38.6





#57

1,3-Dichloropropane

Concen: 19.017 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

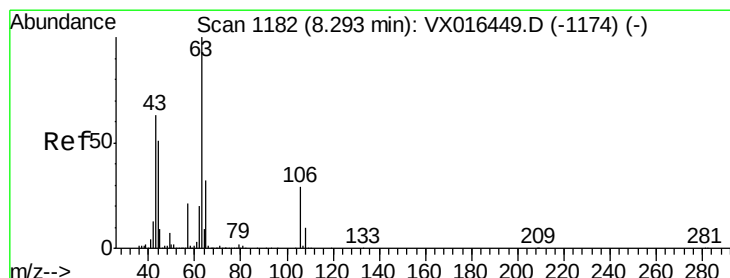
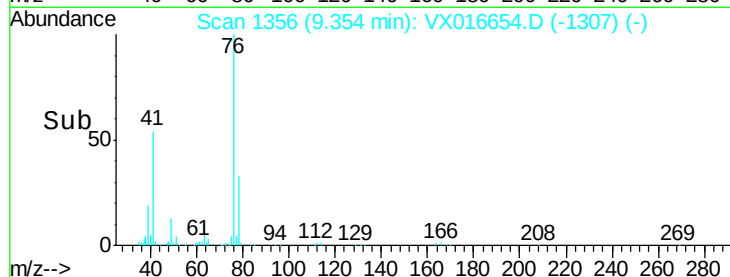
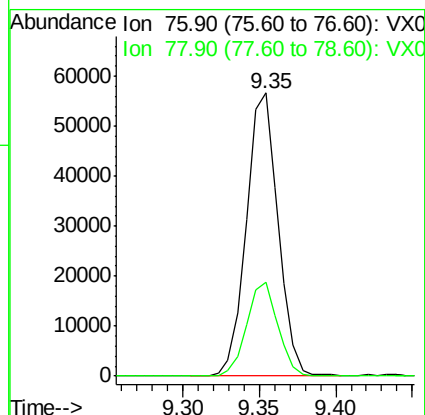
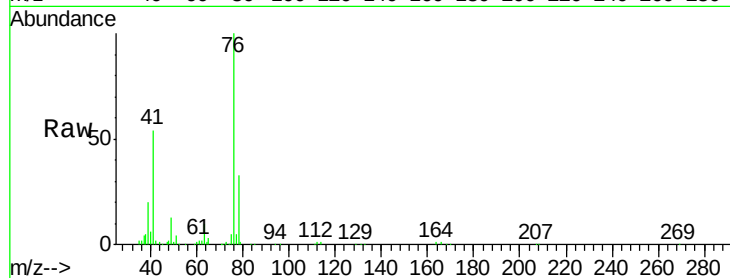
VX0609WBS01

Tot Ion: 76 Resp: 81328

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 79.854 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016654.D

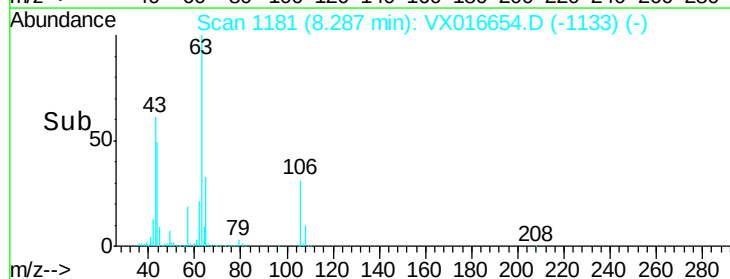
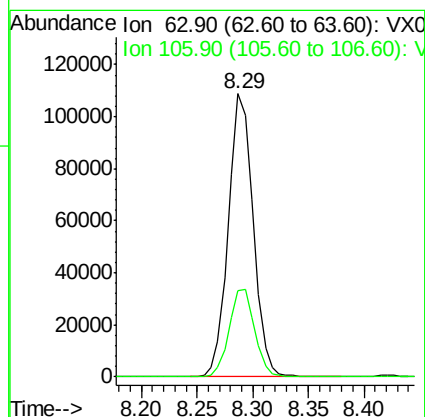
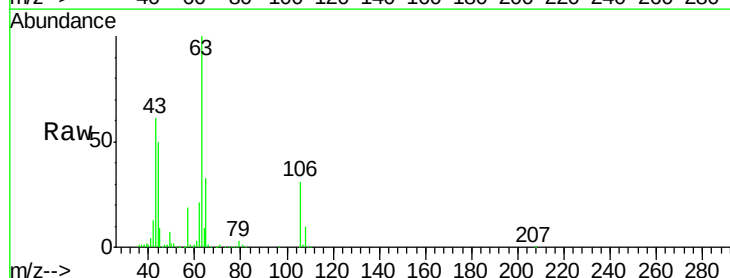
Acq: 09 Jun 2020 10:59

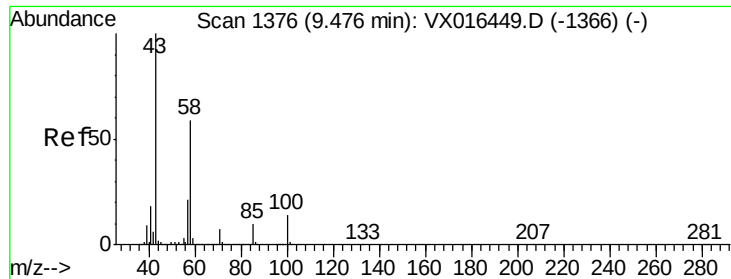
Tgt Ion: 63 Resp: 169127

Ion Ratio Lower Upper

63 100

106 31.7 23.2 34.8

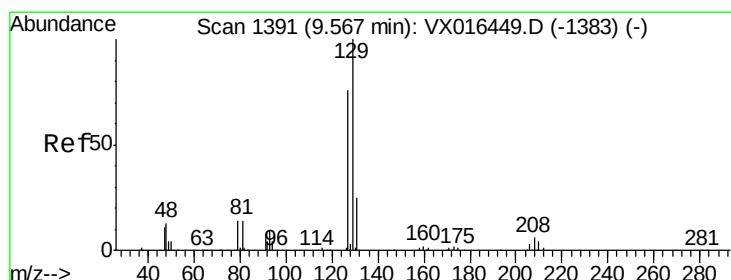
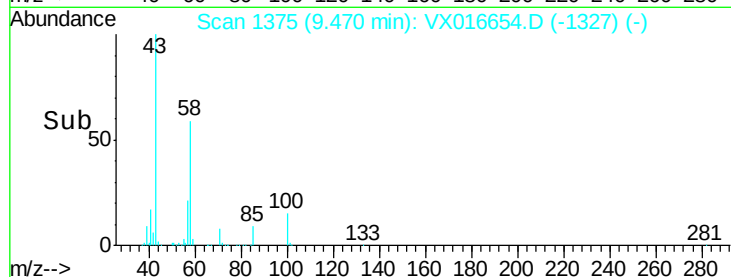
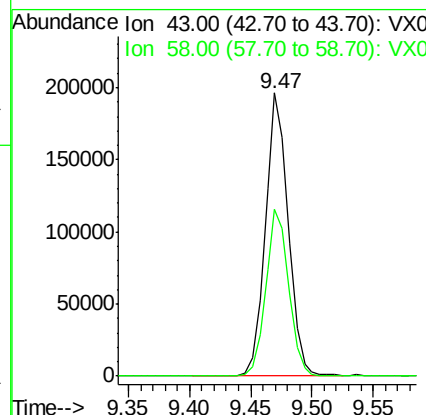
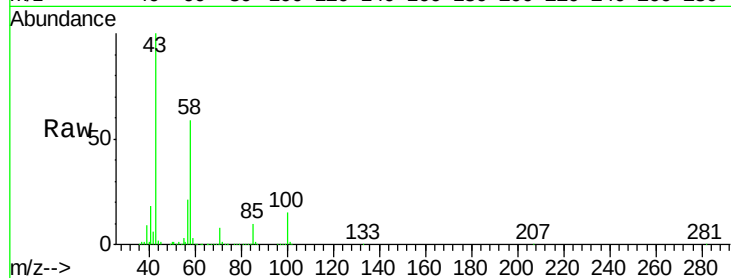




#59
2-Hexanone
Concen: 84.356 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

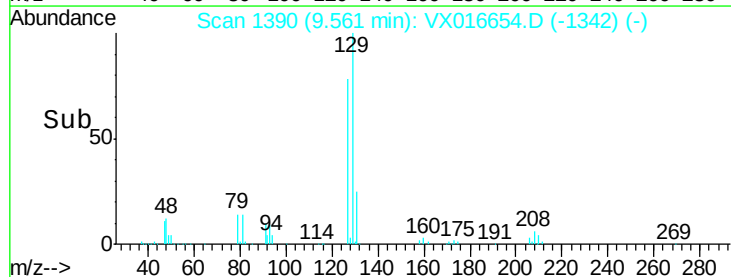
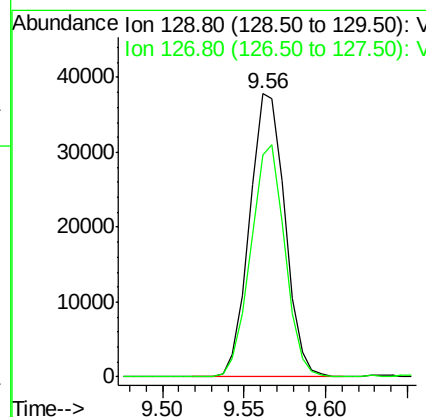
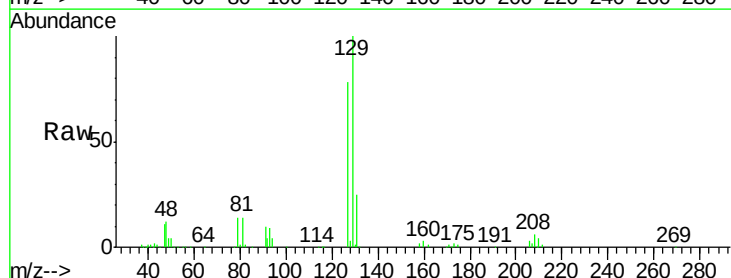
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

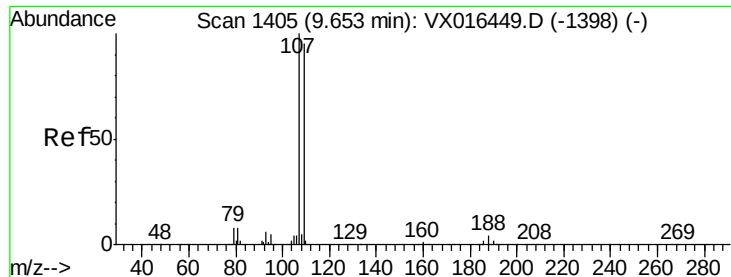
Tot Ion: 43 Resp: 255251
Ion Ratio Lower Upper
43 100
58 59.3 28.8 86.4



#60
Dibromochloromethane
Concen: 20.386 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion: 129 Resp: 57158
Ion Ratio Lower Upper
129 100
127 79.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.723 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

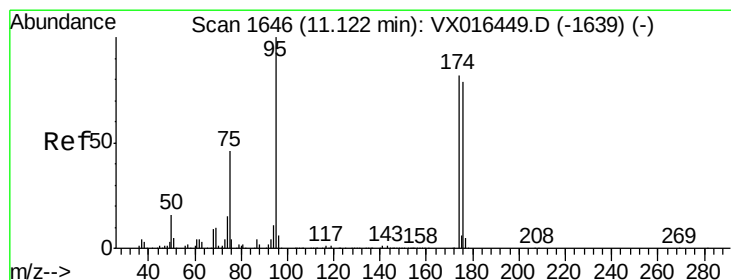
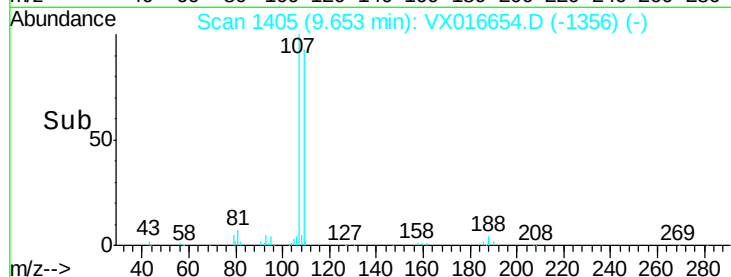
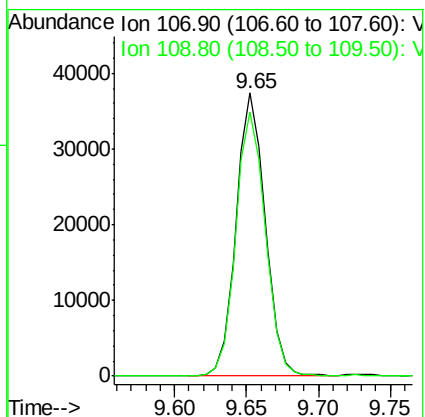
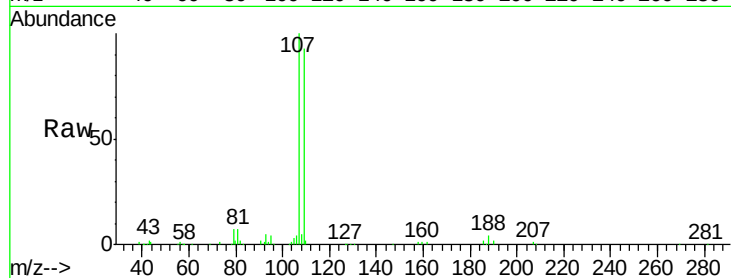
VX0609WBS01

Tot Ion:107 Resp: 52621

Ion Ratio Lower Upper

107 100

109 94.8 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 51.174 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

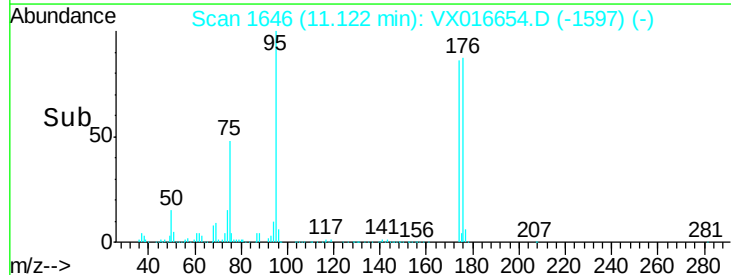
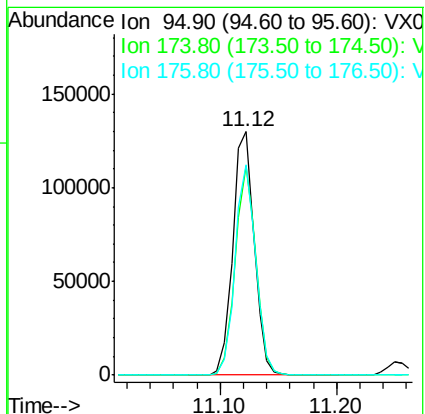
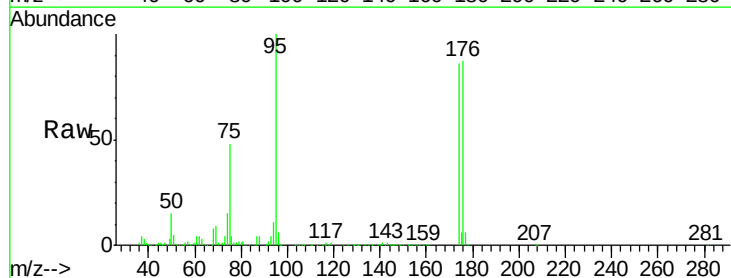
Tgt Ion: 95 Resp: 167017

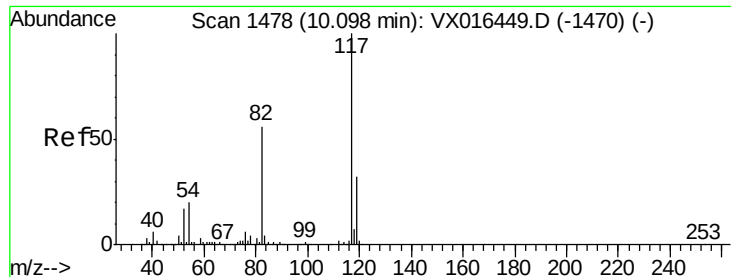
Ion Ratio Lower Upper

95 100

174 82.9 0.0 163.0

176 83.5 0.0 156.8

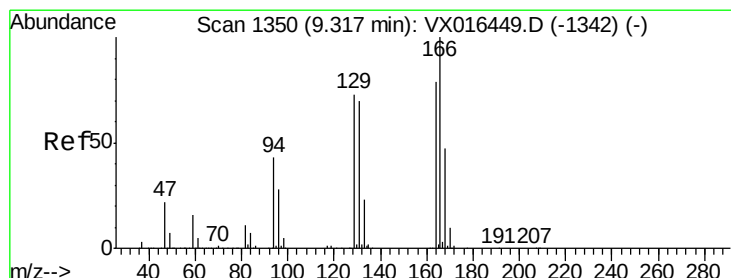
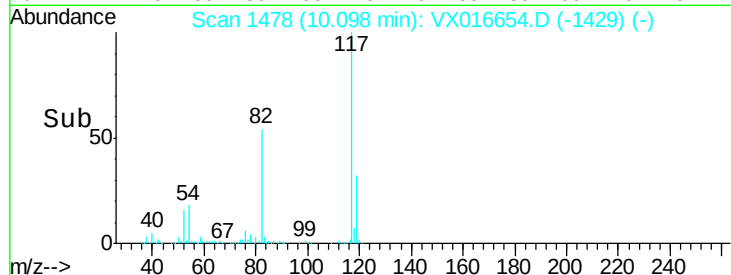
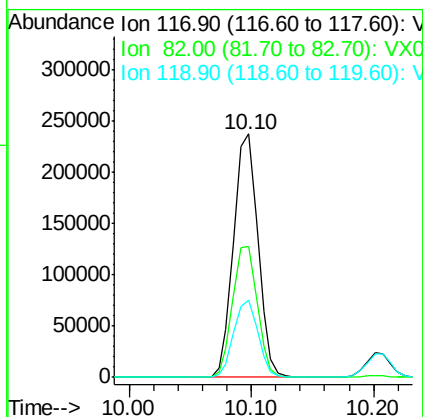
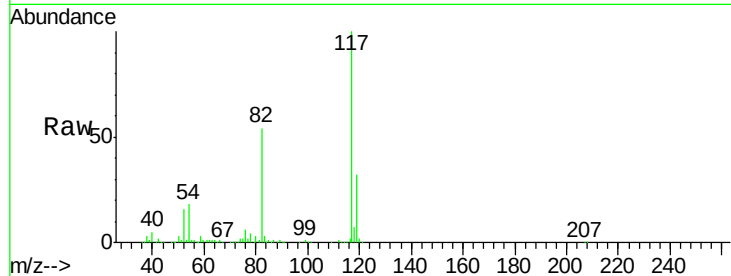




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

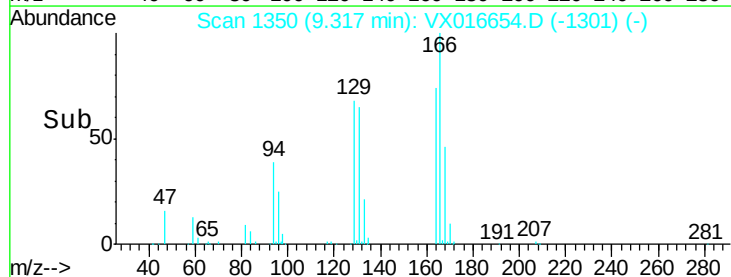
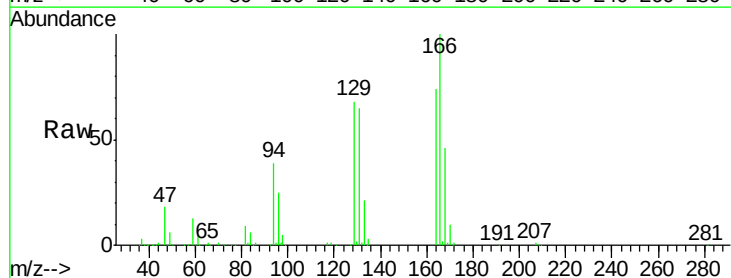
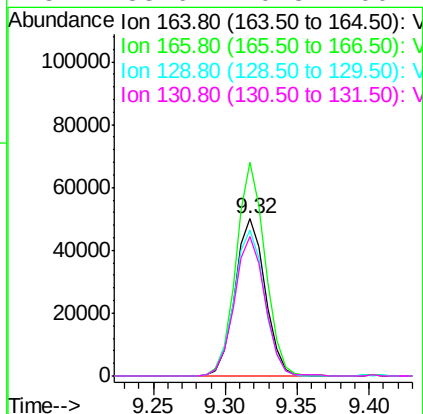
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBS01

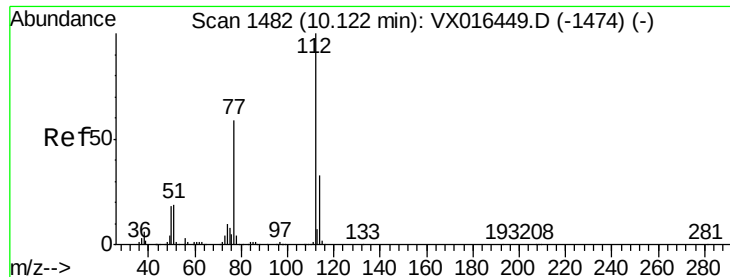
Tot Ion:117 Resp: 326960
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 20.002 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion:164 Resp: 73168
Ion Ratio Lower Upper
164 100
166 135.8 100.9 151.3
129 92.9 73.2 109.8
131 88.6 70.8 106.2





#65

Chlorobenzene

Concen: 19.735 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

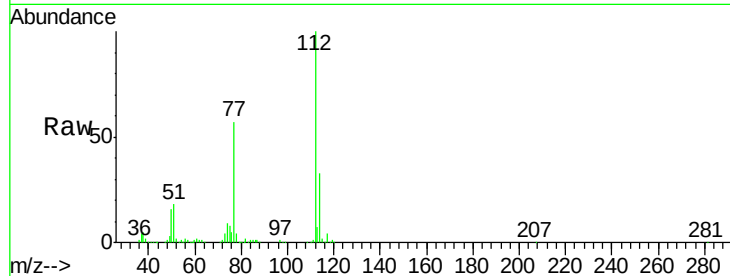
VX0609WBS01

Tot Ion:112 Resp: 131549

Ion Ratio Lower Upper

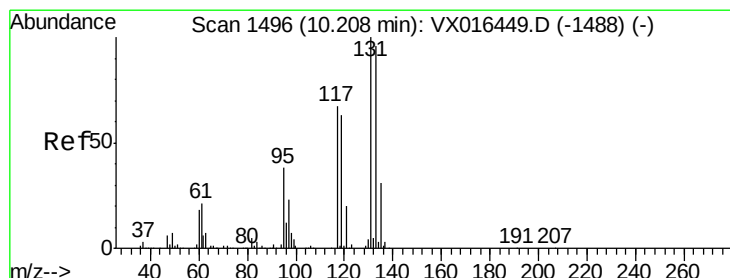
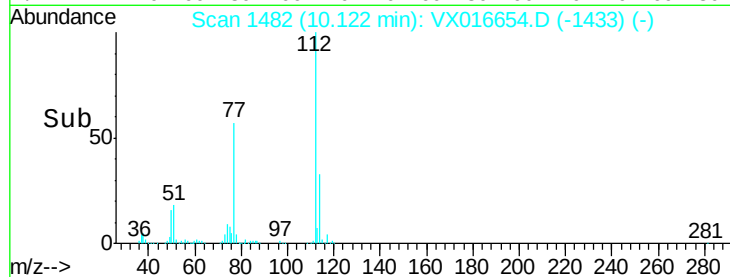
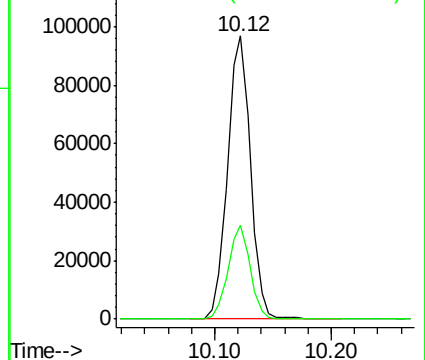
112 100

114 33.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.415 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

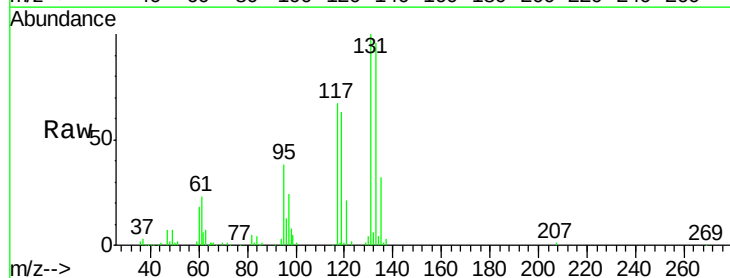
Tgt Ion:131 Resp: 51947

Ion Ratio Lower Upper

131 100

133 97.1 48.4 145.3

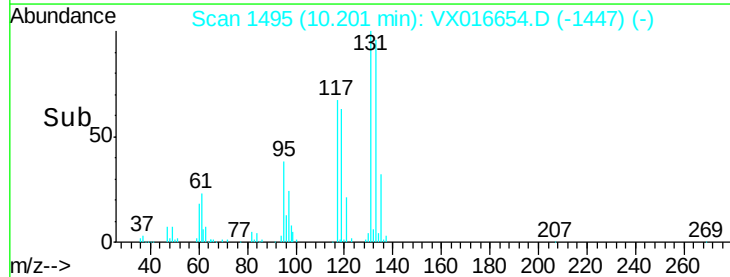
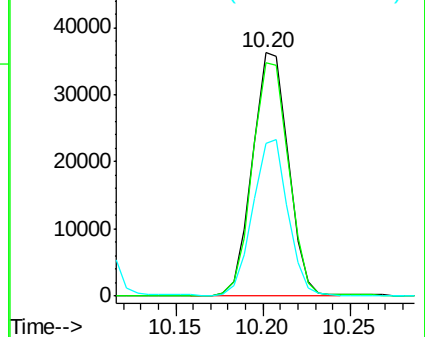
119 63.0 32.0 96.2

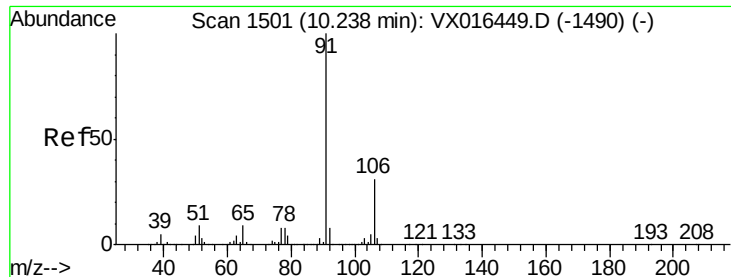


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.921 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

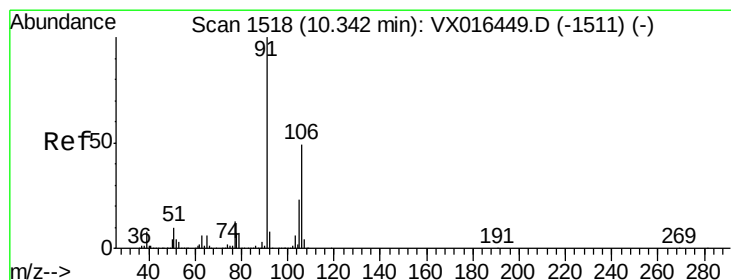
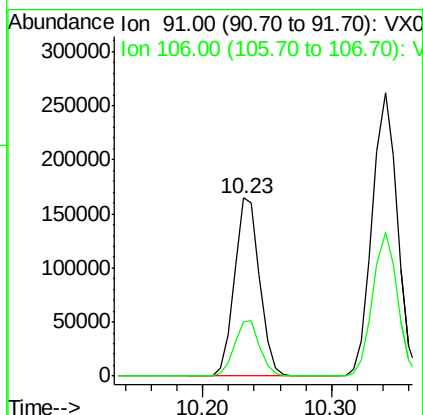
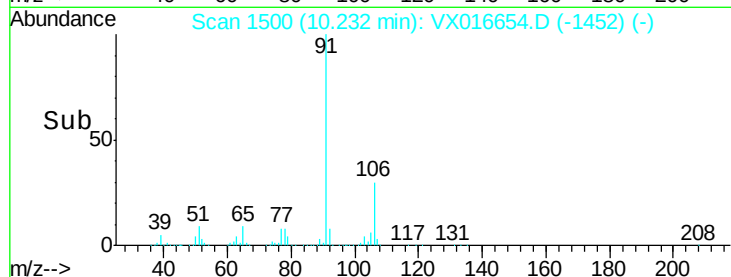
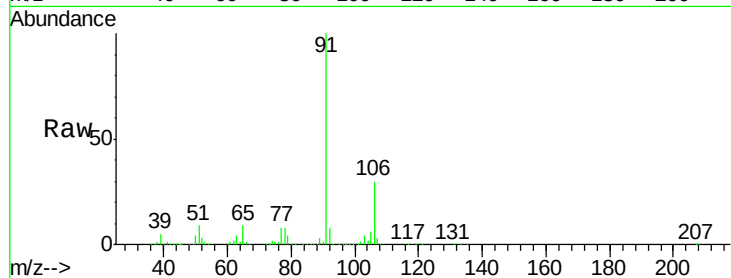
VX0609WBS01

Tot Ion: 91 Resp: 224558

Ion Ratio Lower Upper

91 100

106 30.4 25.0 37.4



#68

m/p-Xylenes

Concen: 39.629 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016654.D

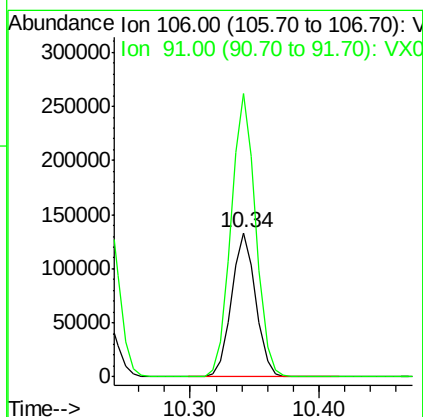
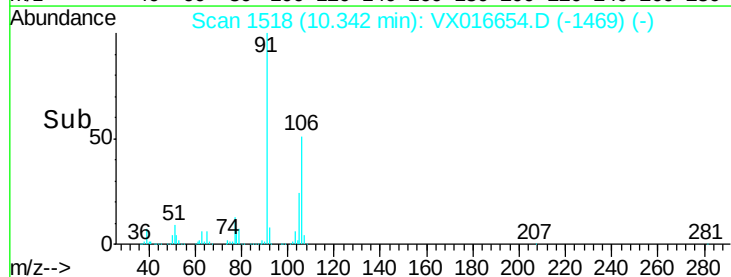
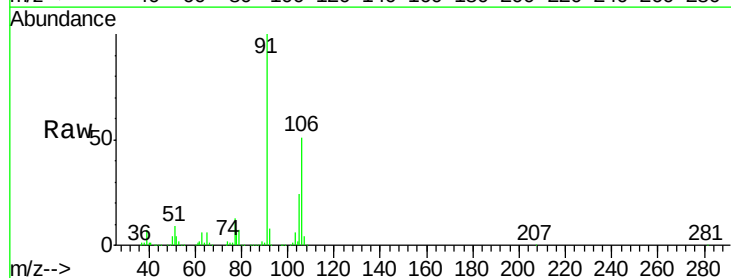
Acq: 09 Jun 2020 10:59

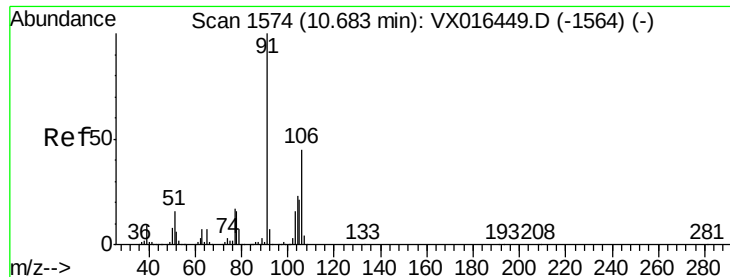
Tgt Ion: 106 Resp: 174379

Ion Ratio Lower Upper

106 100

91 200.6 163.8 245.8

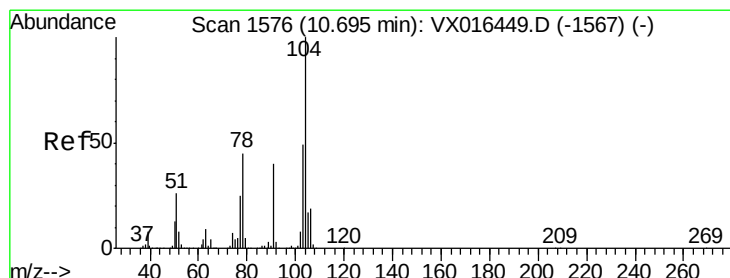
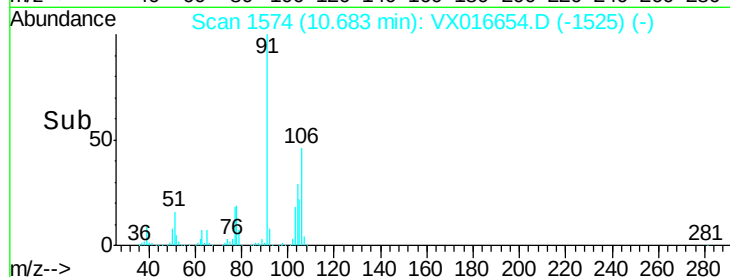
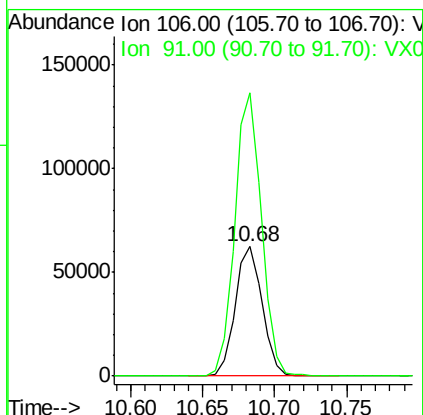
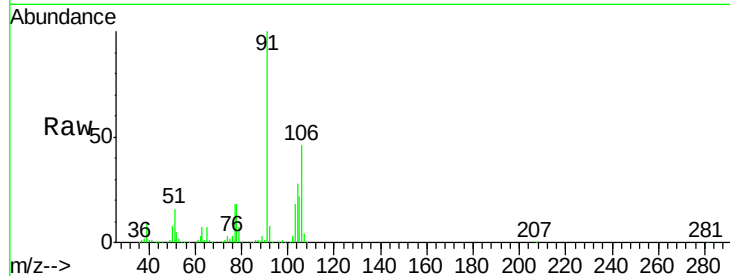




#69
o-Xylene
Concen: 19.167 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

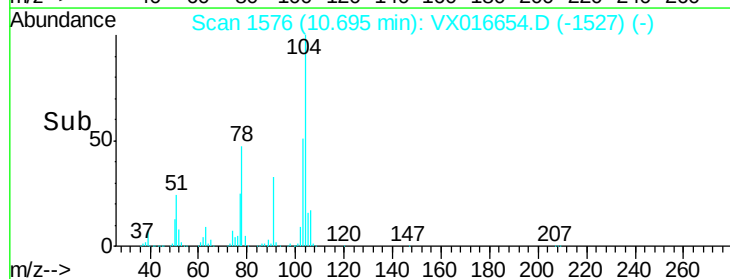
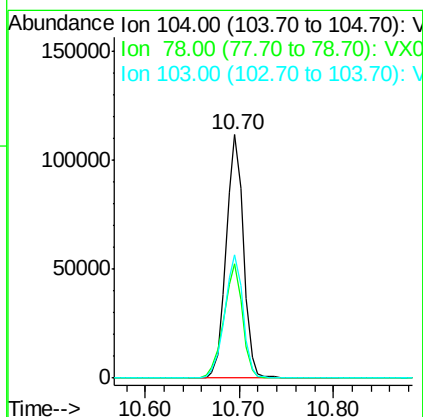
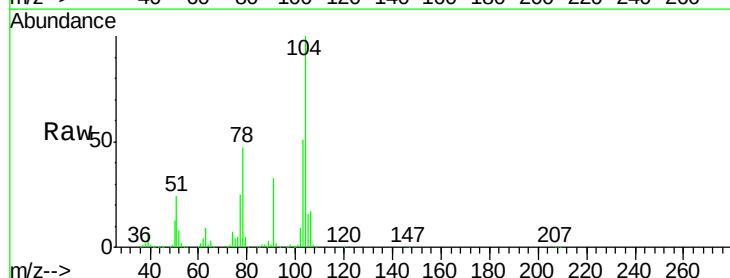
Instrument :
MSVOA_X
ClientSampled :
VX0609WBS01

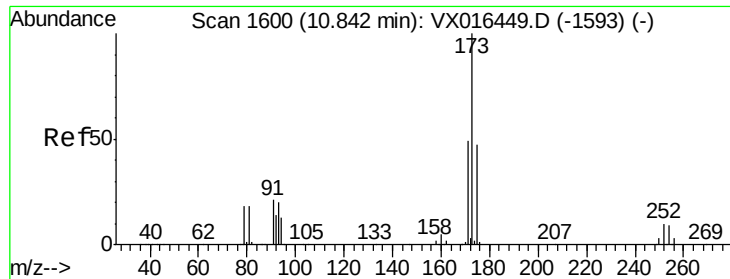
Tot Ion:106 Resp: 81681
Ion Ratio Lower Upper
106 100
91 216.6 109.6 328.8



#70
Styrene
Concen: 19.434 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion:104 Resp: 142353
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.2
103 54.0 43.1 64.7





#71

Bromoform

Concen: 20.703 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

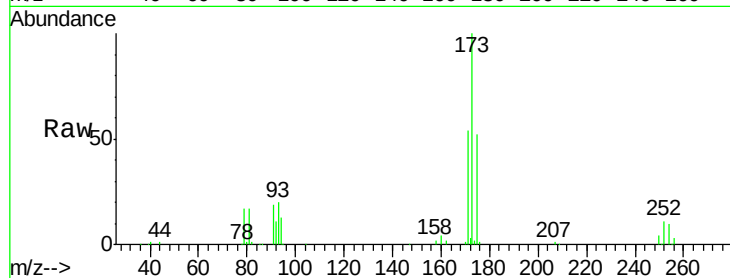
Tot Ion:173 Resp: 44520

Ion Ratio Lower Upper

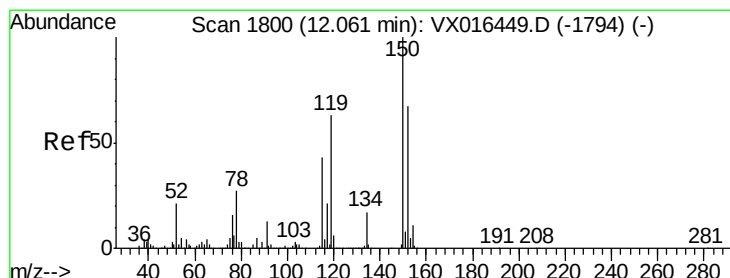
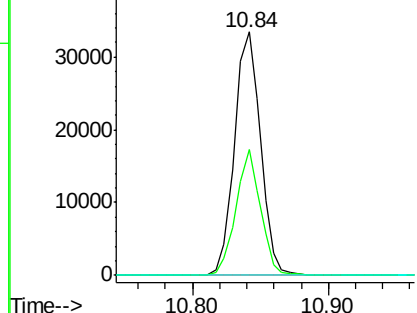
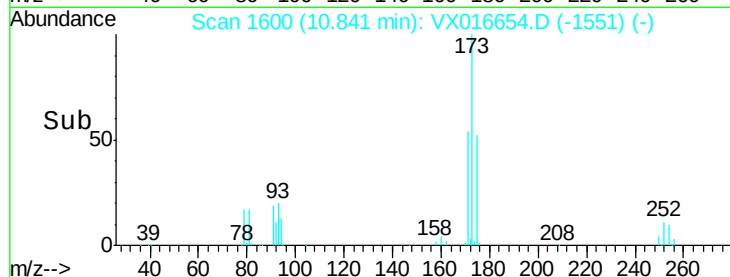
173 100

175 48.8 23.9 71.7

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

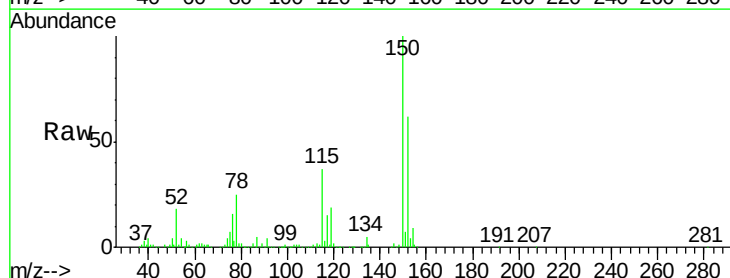
Tgt Ion:152 Resp: 164387

Ion Ratio Lower Upper

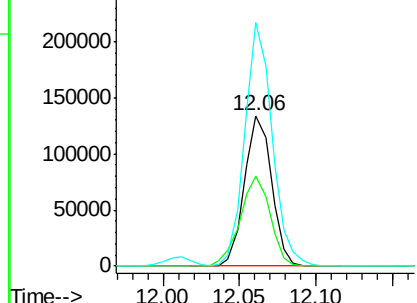
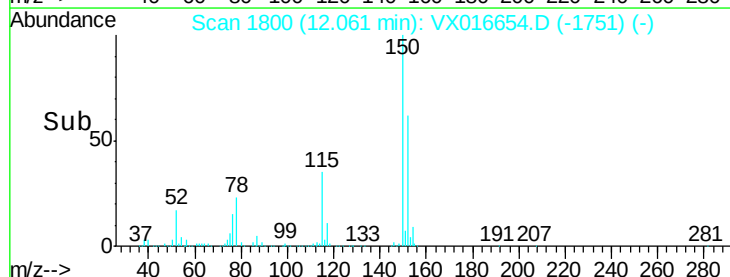
152 100

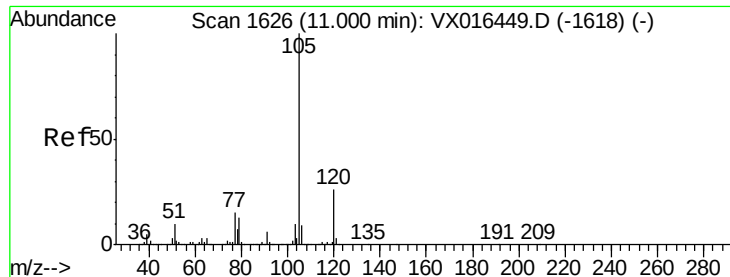
115 66.2 39.9 119.6

150 164.3 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: 19.566 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

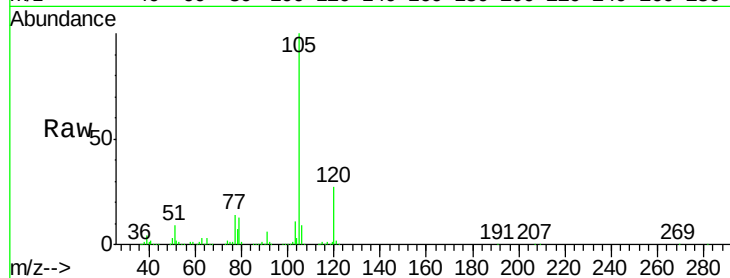
VX0609WBS01

Tot Ion:105 Resp: 222855

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

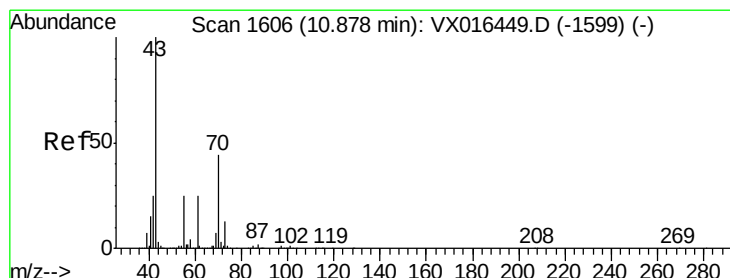
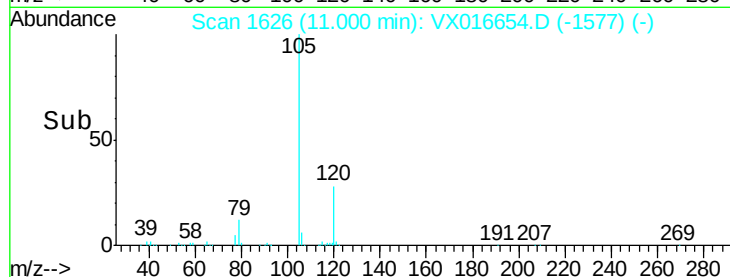
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.152 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Tgt Ion: 43 Resp: 84620

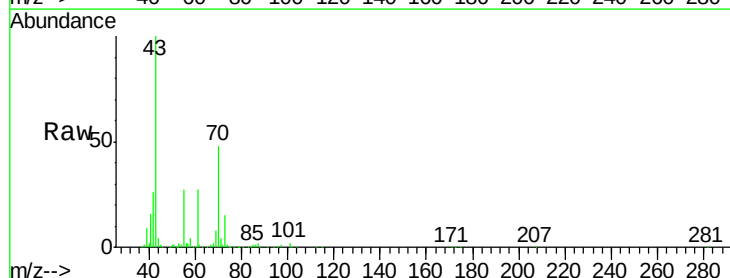
Ion Ratio Lower Upper

43 100

70 49.6 36.1 54.1

55 27.2 20.2 30.4

61 27.4 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

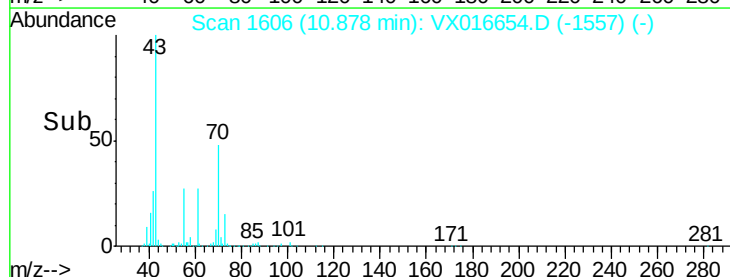
60000

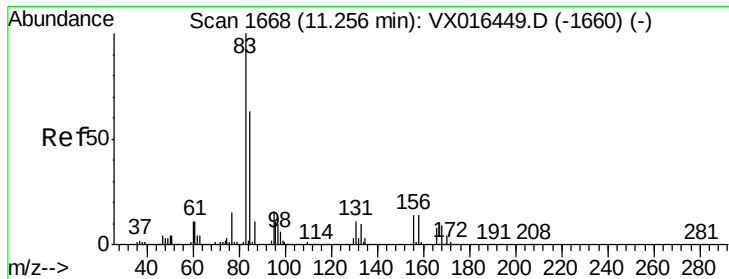
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.943 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

VX0609WBS01

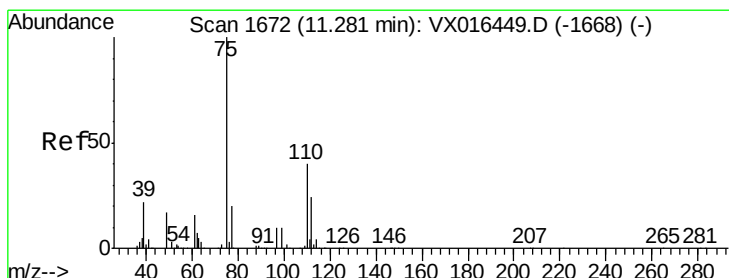
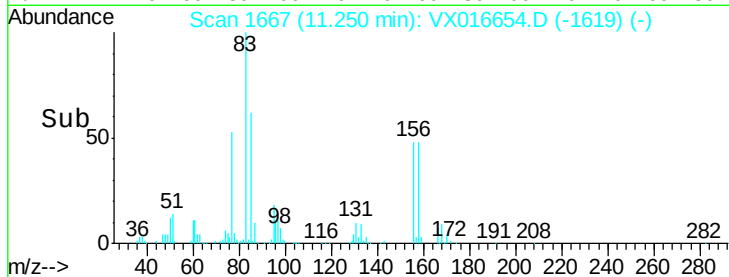
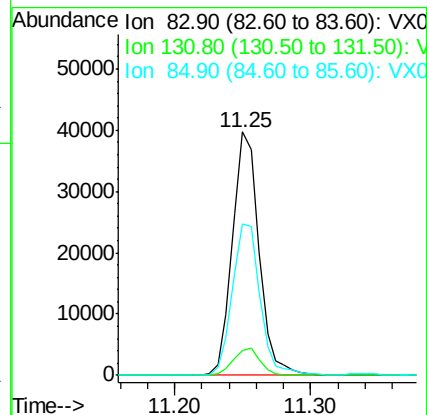
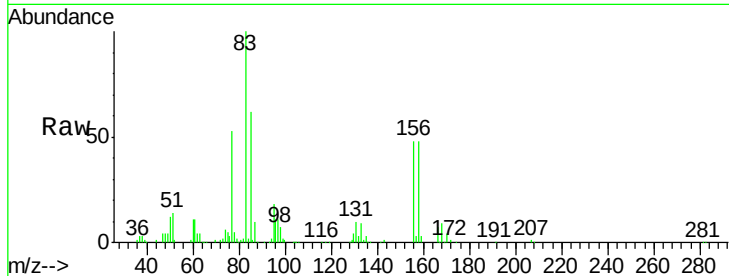
Tot Ion: 83 Resp: 54075

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

85 65.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 19.512 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016654.D

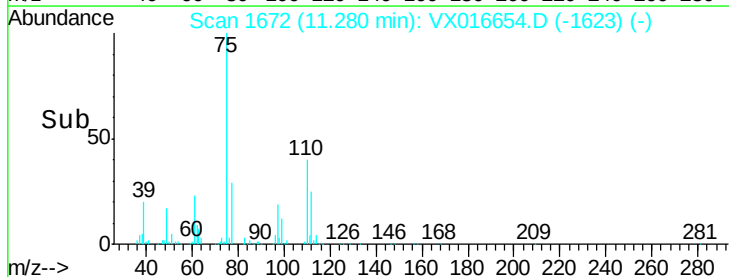
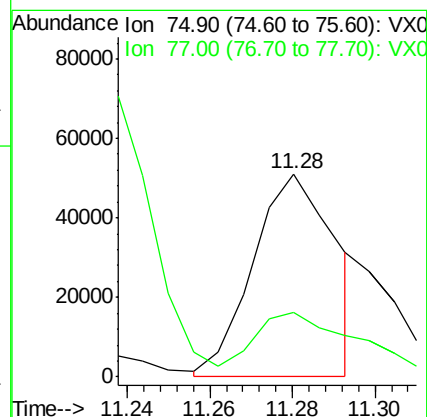
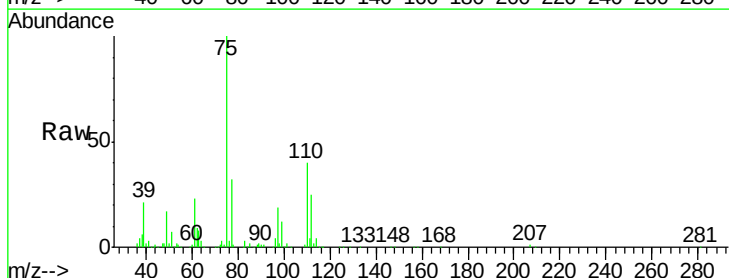
Acq: 09 Jun 2020 10:59

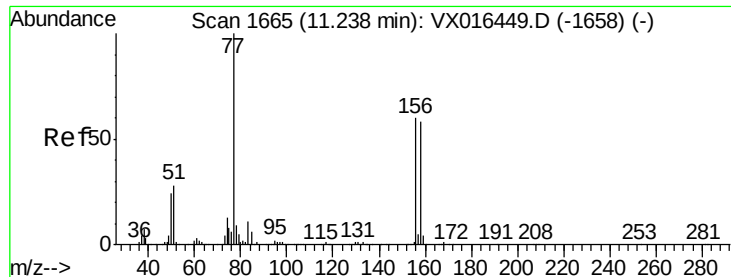
Tgt Ion: 75 Resp: 70504

Ion Ratio Lower Upper

75 100

77 40.6 21.3 63.7





#77

Bromobenzene

Concen: 19.739 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

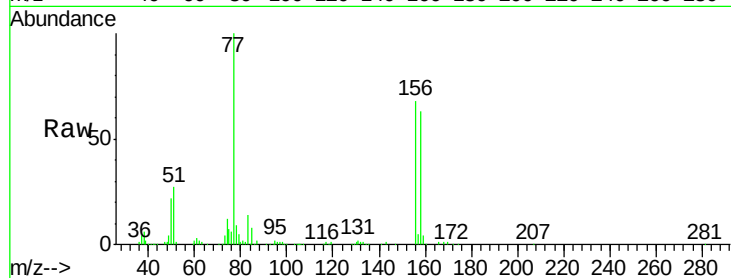
Tot Ion:156 Resp: 58968

Ion Ratio Lower Upper

156 100

77 149.5 79.6 238.8

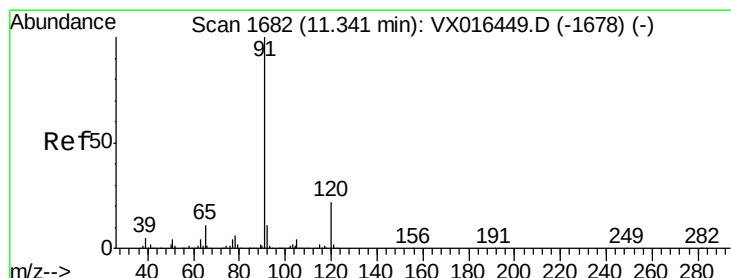
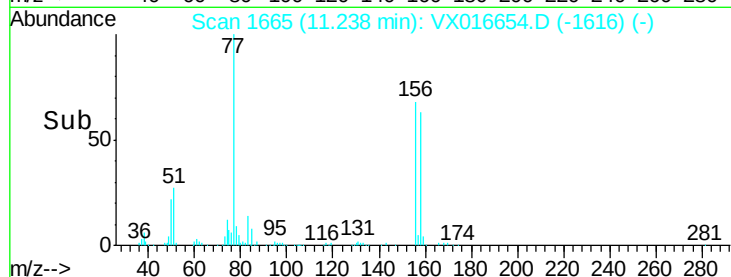
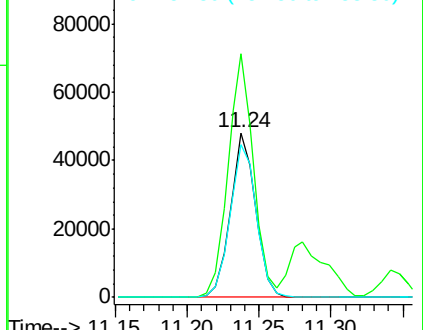
158 97.4 48.1 144.4



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: 19.062 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016654.D

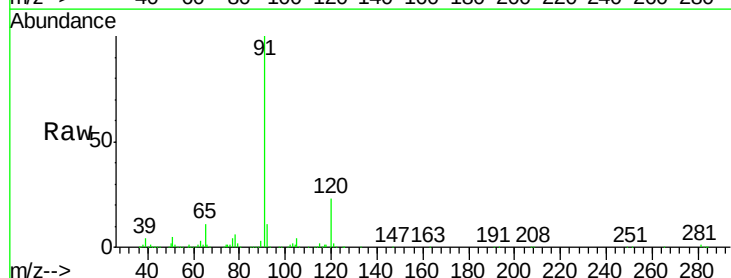
Acq: 09 Jun 2020 10:59

Tgt Ion: 91 Resp: 242567

Ion Ratio Lower Upper

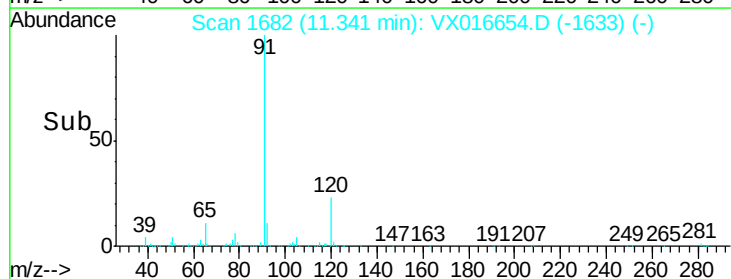
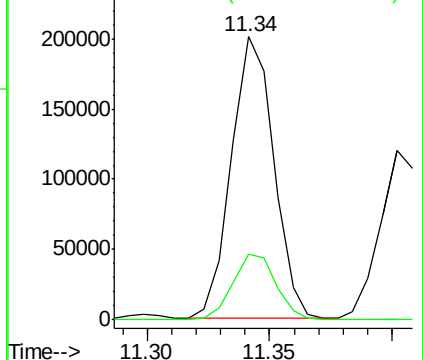
91 100

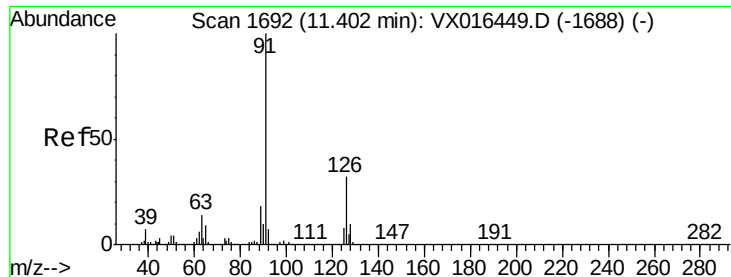
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.404 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

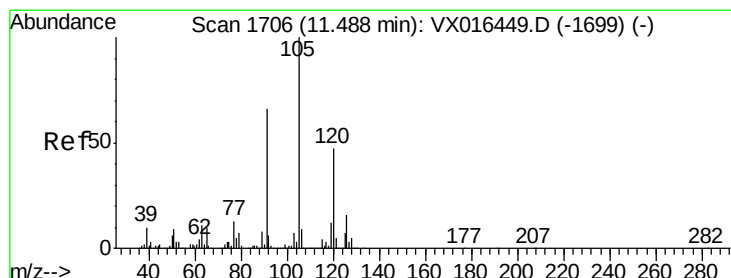
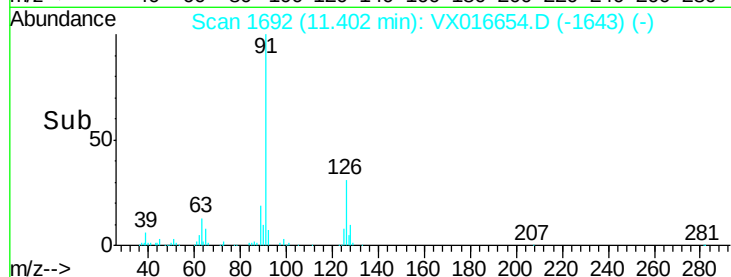
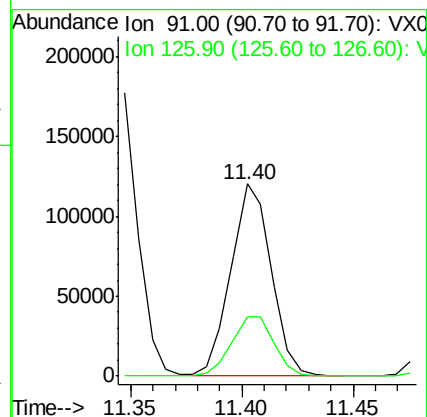
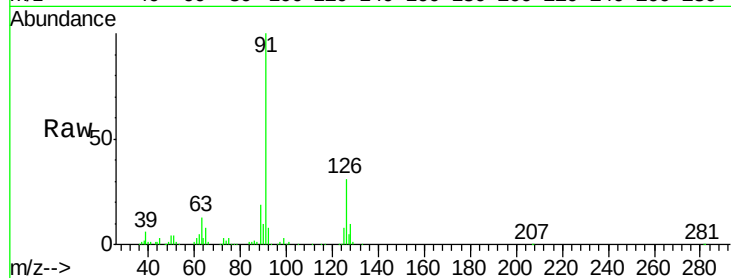
VX0609WBS01

Tot Ion: 91 Resp: 150715

Ion Ratio Lower Upper

91 100

126 33.4 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 20.081 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016654.D

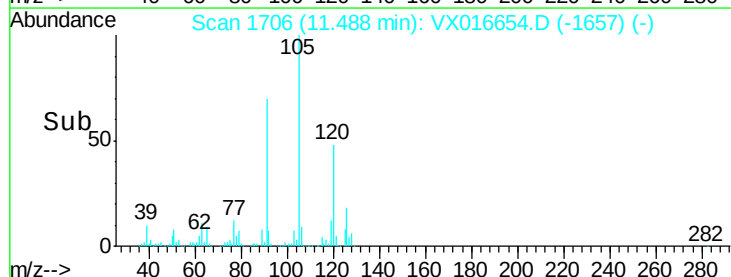
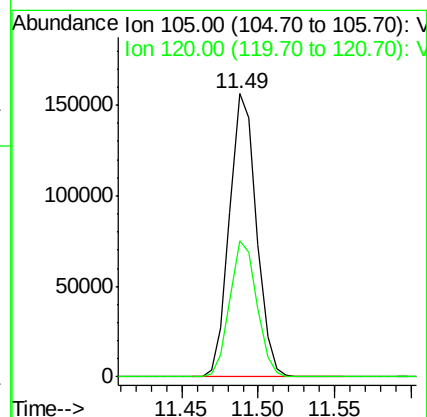
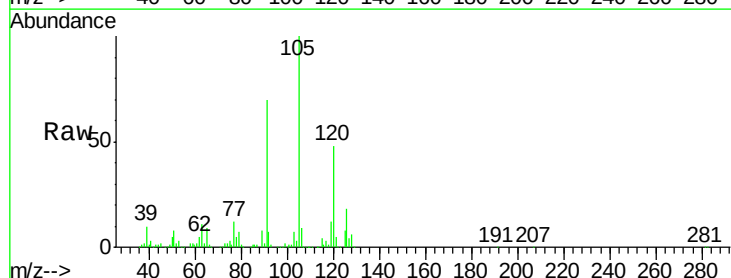
Acq: 09 Jun 2020 10:59

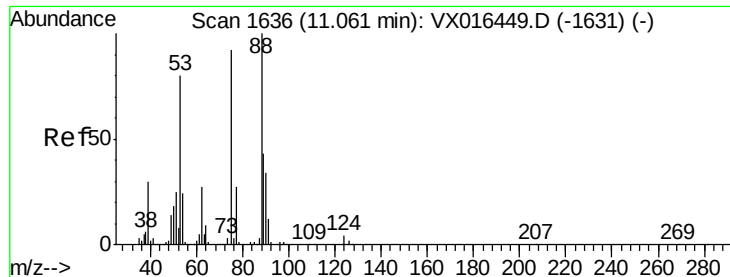
Tgt Ion: 105 Resp: 190983

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.417 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

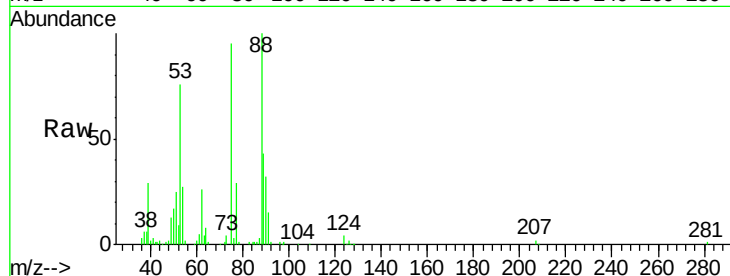
Tot Ion: 75 Resp: 27053

Ion Ratio Lower Upper

75 100

53 86.1 71.3 106.9

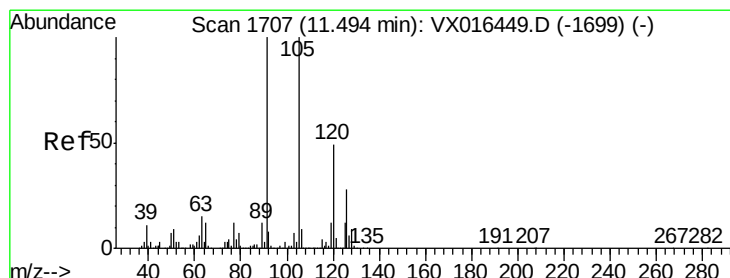
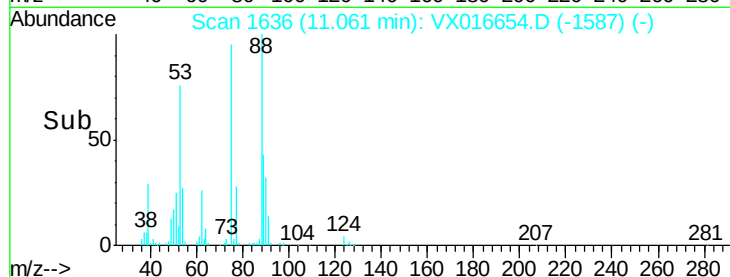
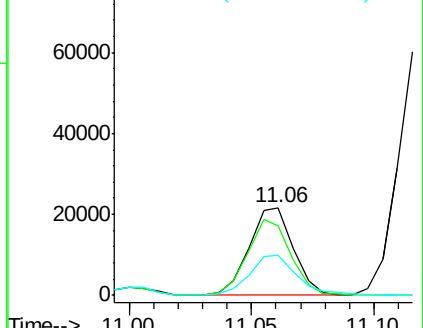
89 49.4 36.6 55.0



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: 19.335 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016654.D

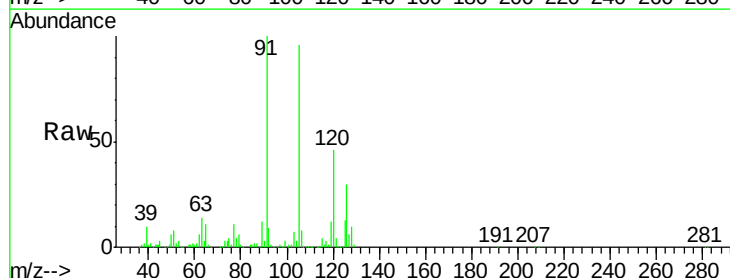
Acq: 09 Jun 2020 10:59

Tgt Ion: 91 Resp: 177354

Ion Ratio Lower Upper

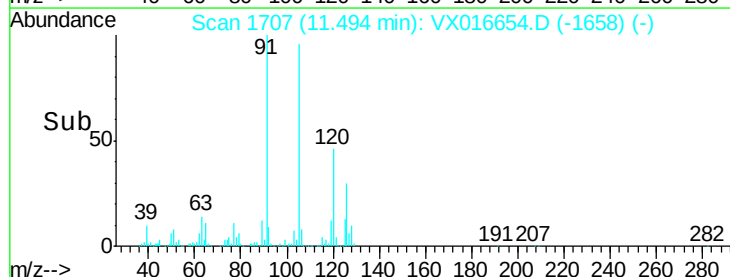
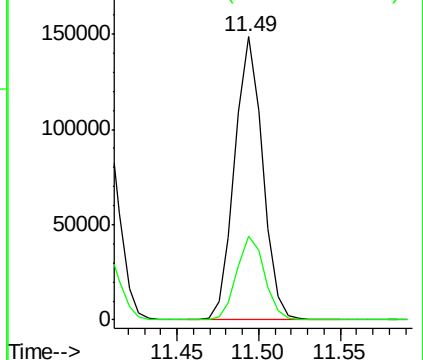
91 100

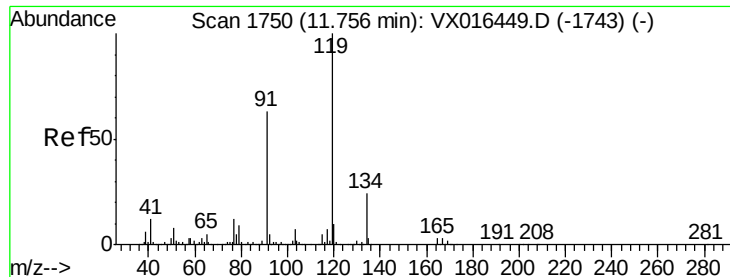
126 29.8 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

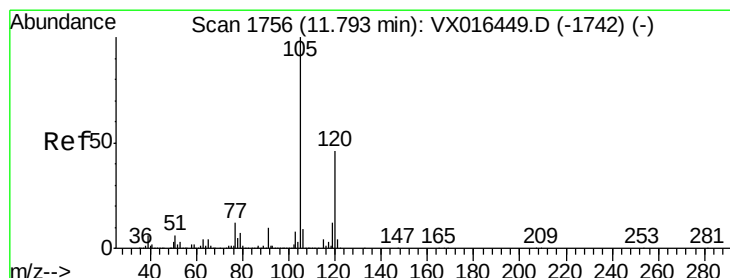
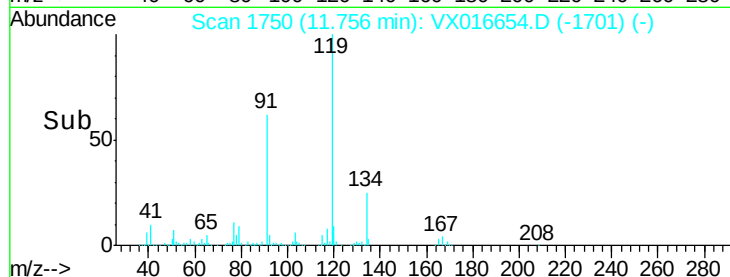
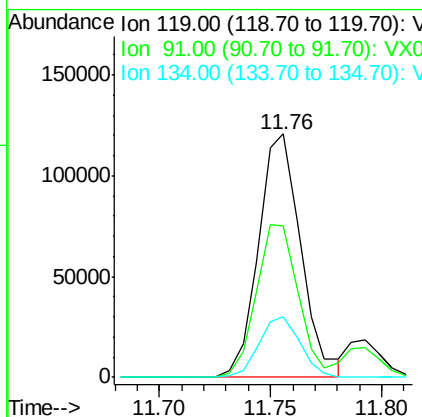
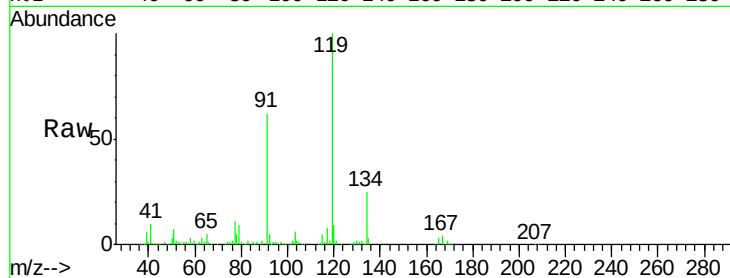




#83
 tert-Butylbenzene
 Concen: 19.700 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

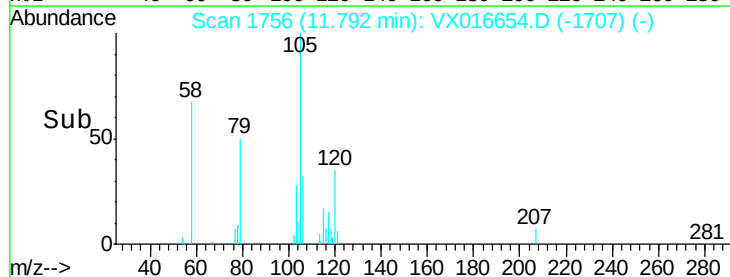
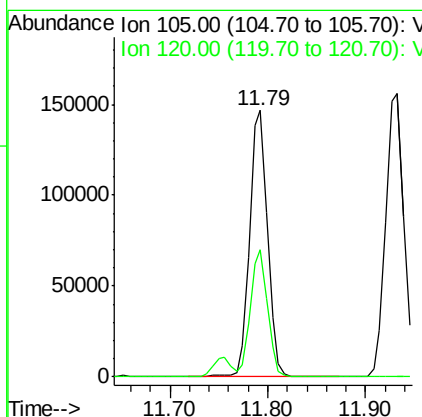
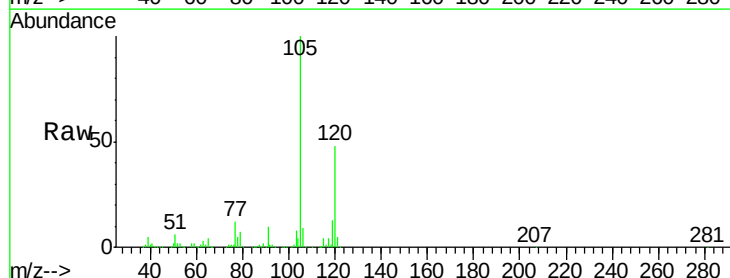
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

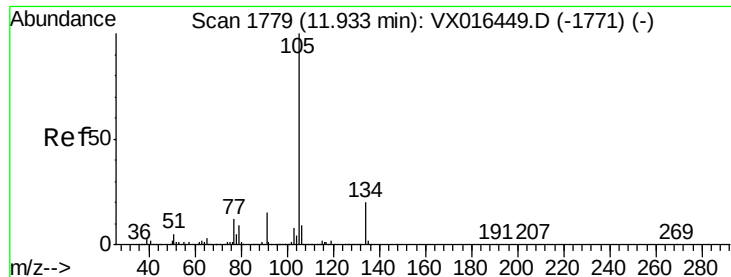
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	31.3	93.8
134	24.0	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.263 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.6	67.7





#85

sec-Butylbenzene

Concen: 19.606 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

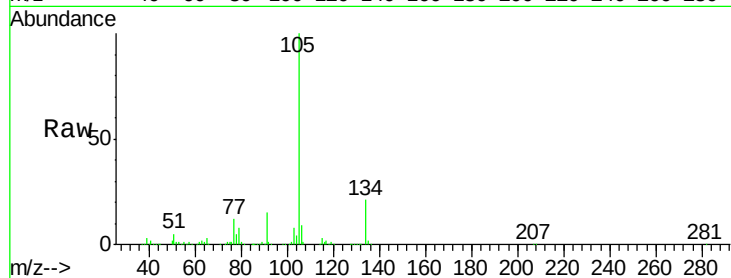
VX0609WBS01

Tot Ion:105 Resp: 199868

Ion Ratio Lower Upper

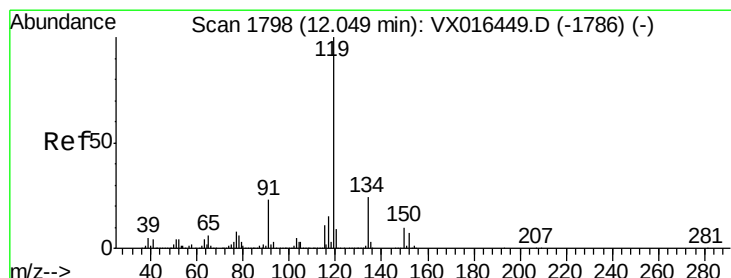
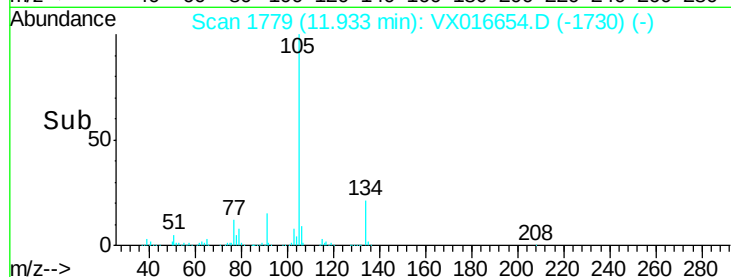
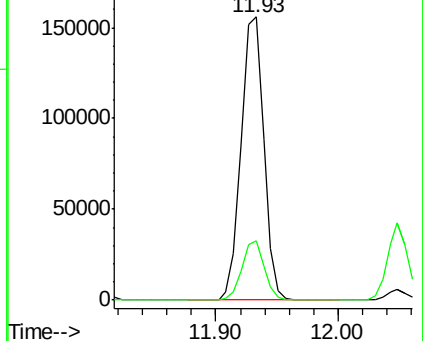
105 100

134 20.7 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.955 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

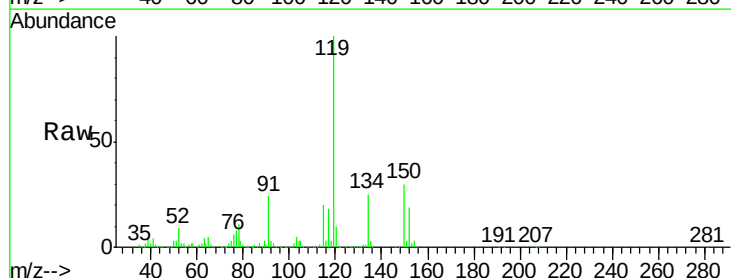
Tgt Ion:119 Resp: 190553

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.0

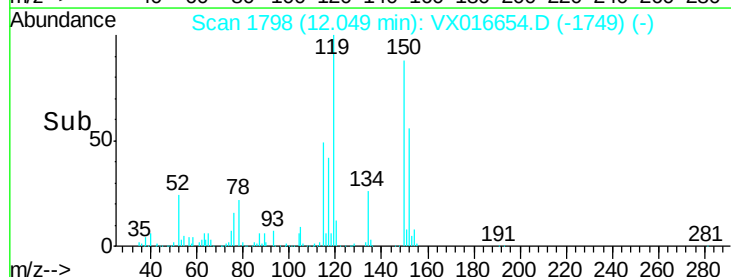
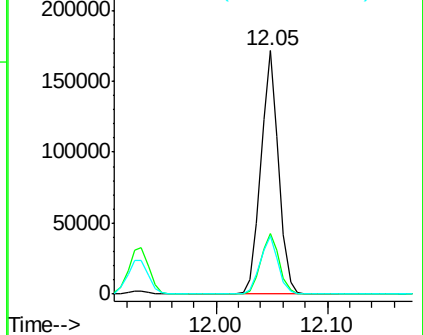
91 24.2 11.7 35.0

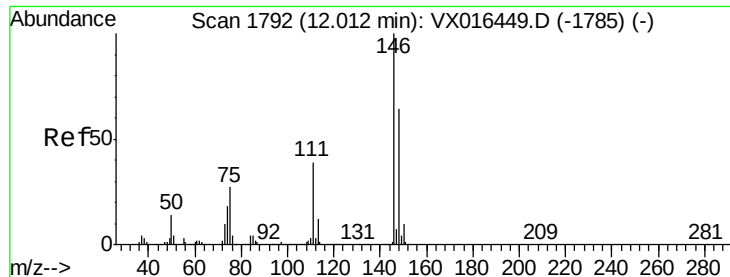


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

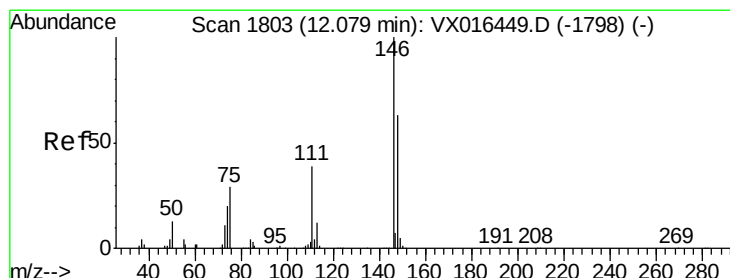
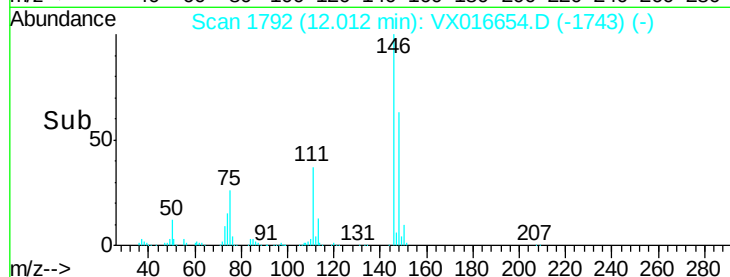
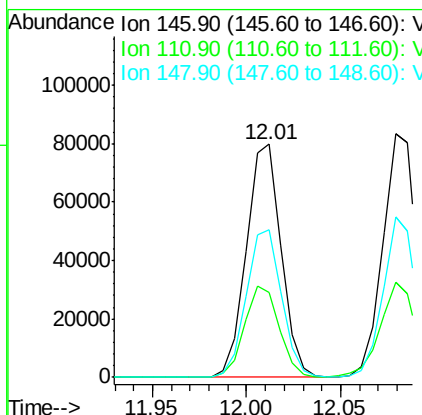
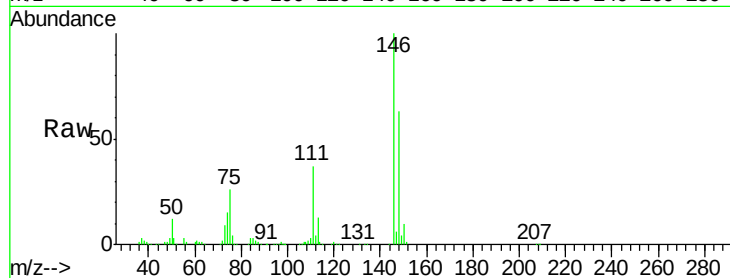




#87
 1,3-Dichlorobenzene
 Concen: 19.752 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

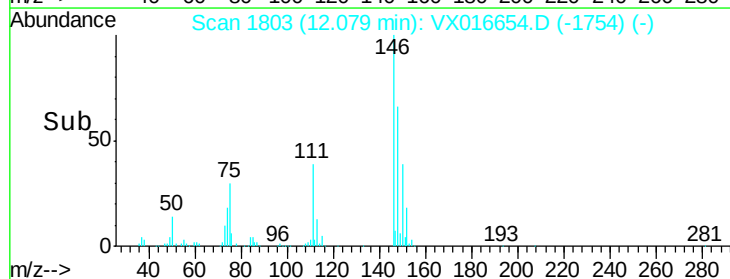
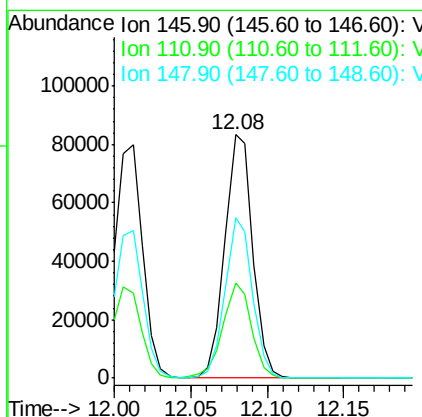
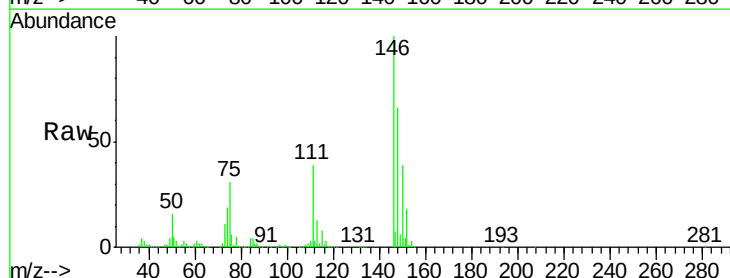
Instrument :
 MSVOA_X
 ClientSampled :
 VX0609WBS01

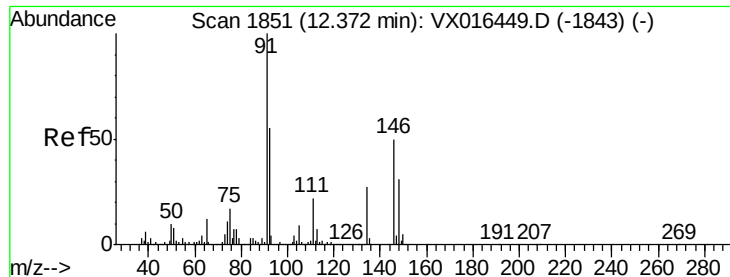
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	64.3	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.858 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.4	58.2
148	64.5	31.4	94.3

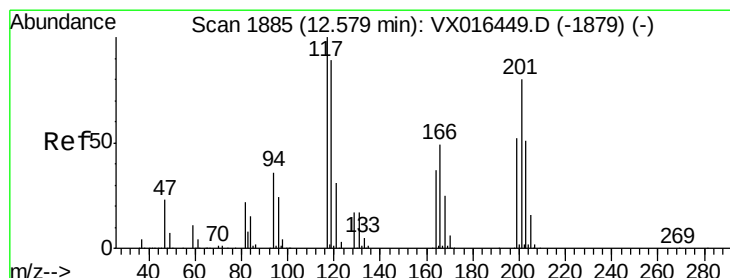
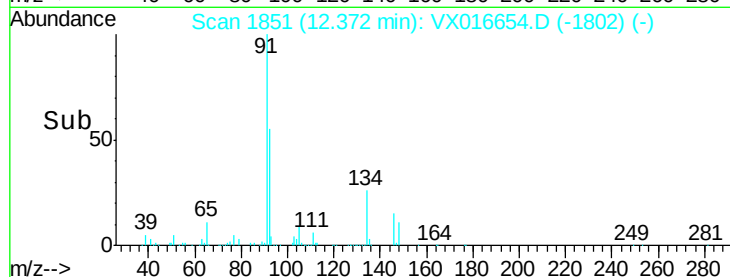
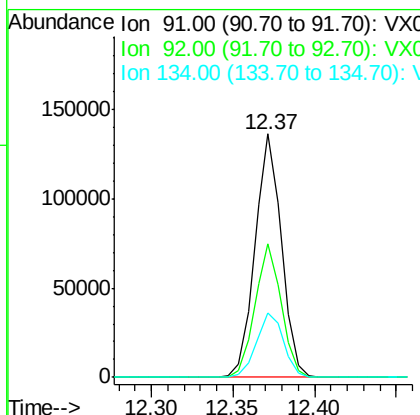
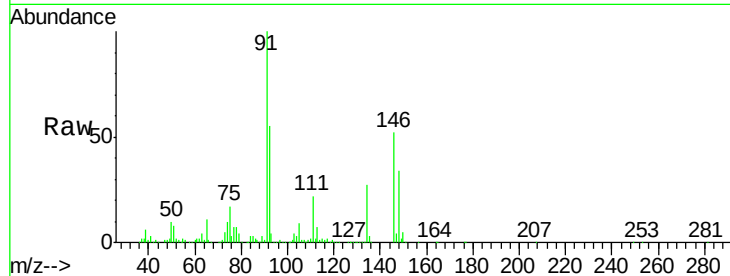




#89
n-Butylbenzene
Concen: 19.307 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

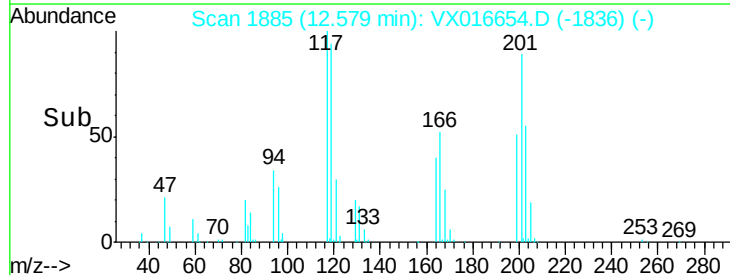
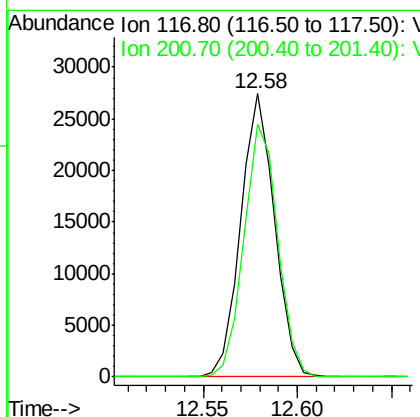
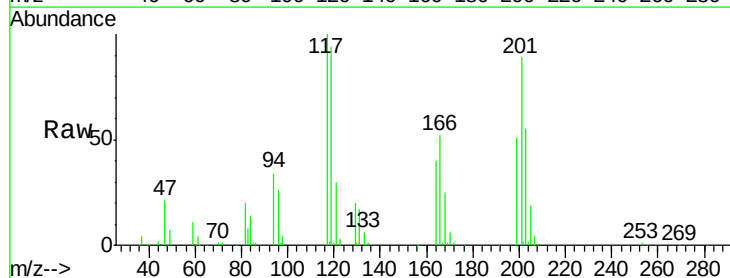
Instrument :
MSVOA_X
ClientSampled :
VX0609WBS01

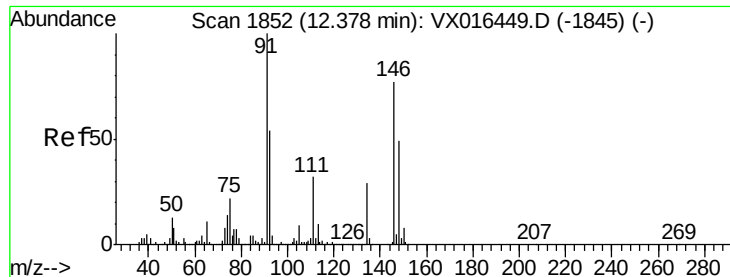
Tot Ion: 91 Resp: 153564
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.5
134 27.3 13.1 39.3



#90
Hexachloroethane
Concen: 20.690 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016654.D
Acq: 09 Jun 2020 10:59

Tgt Ion: 117 Resp: 34127
Ion Ratio Lower Upper
117 100
201 89.5 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 19.670 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampled :

VX0609WBS01

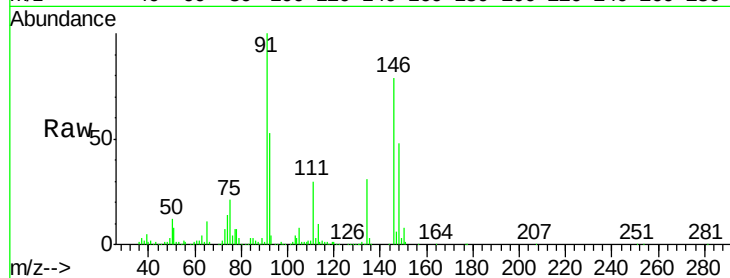
Tot Ion:146 Resp: 98633

Ion Ratio Lower Upper

146 100

111 40.9 21.4 64.3

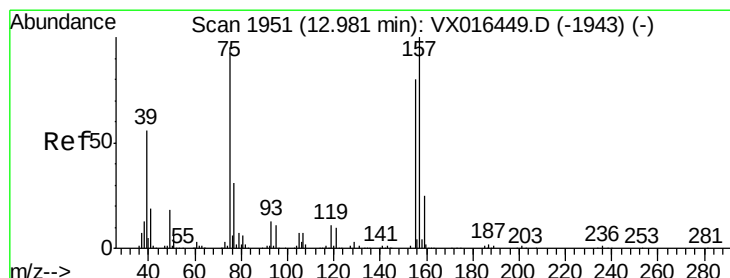
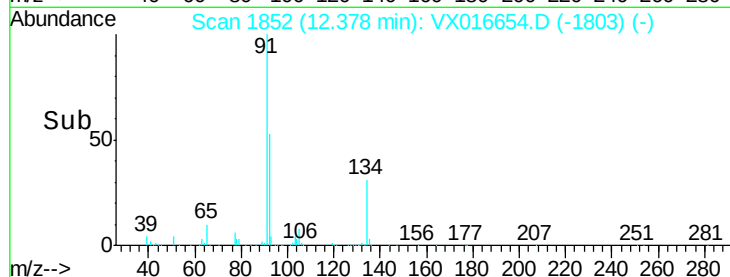
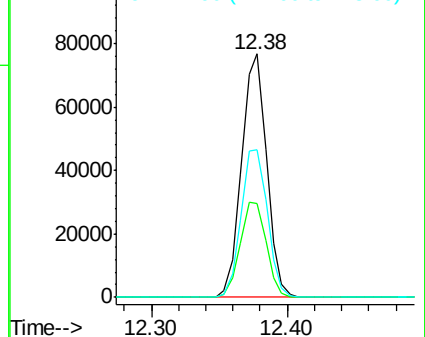
148 64.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.259 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

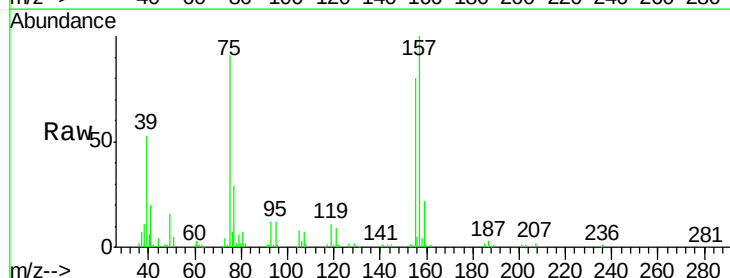
Tgt Ion: 75 Resp: 16883

Ion Ratio Lower Upper

75 100

155 92.3 44.1 132.4

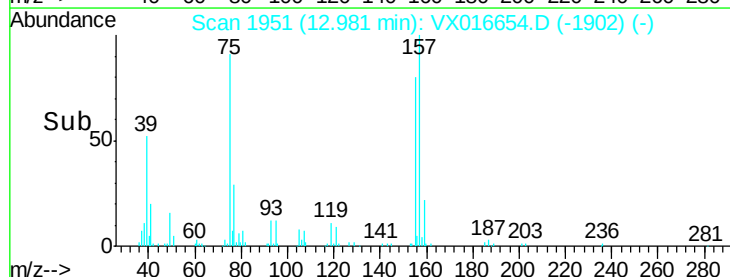
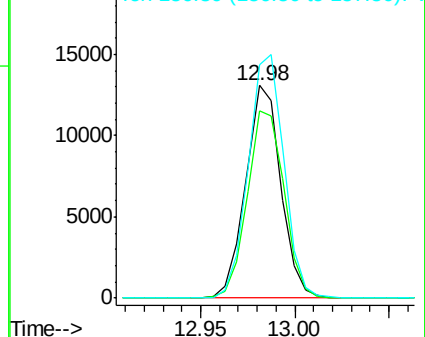
157 116.4 57.8 173.3

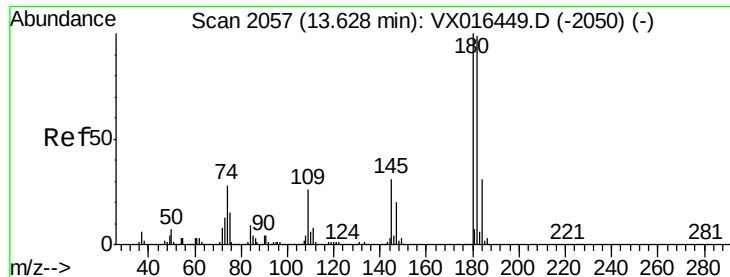


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

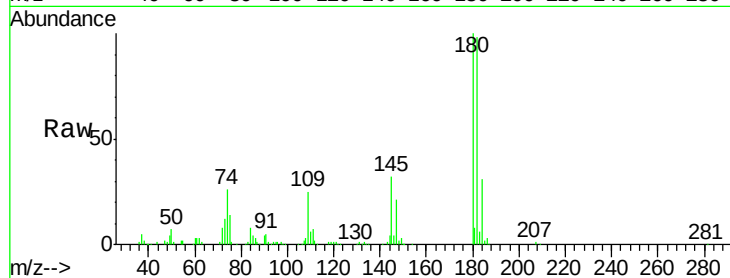




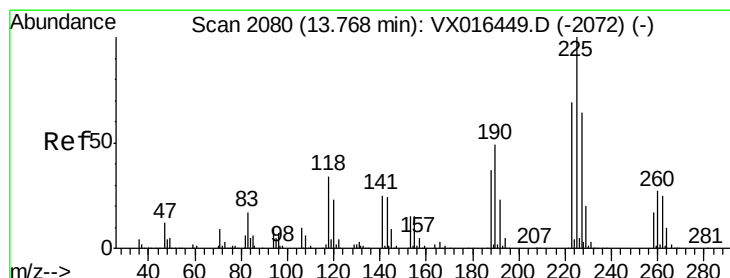
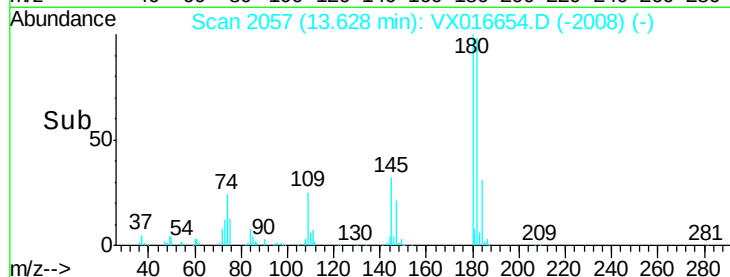
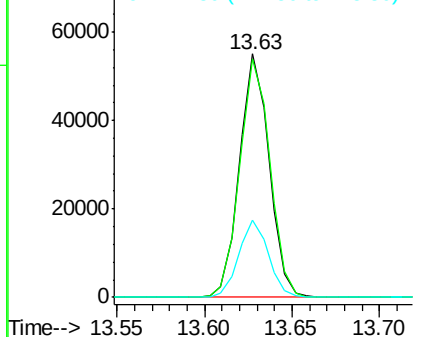
#93
 1,2,4-Trichlorobenzene
 Concen: 19.466 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Tot Ion:180 Resp: 64827
 Ion Ratio Lower Upper
 180 100
 182 100.0 48.3 144.8
 145 31.6 15.4 46.2

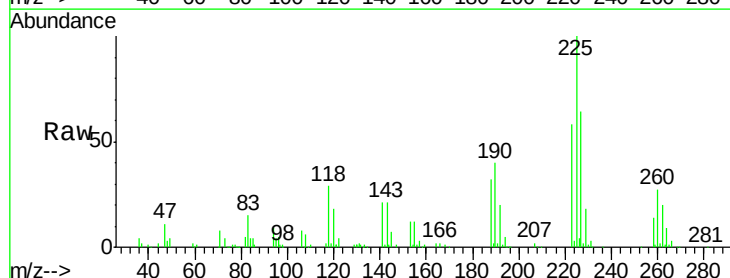


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

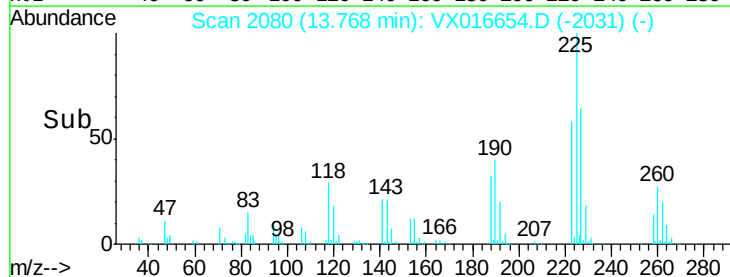
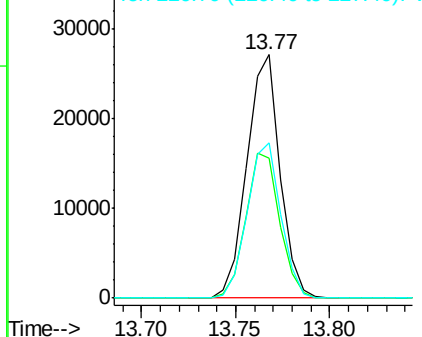


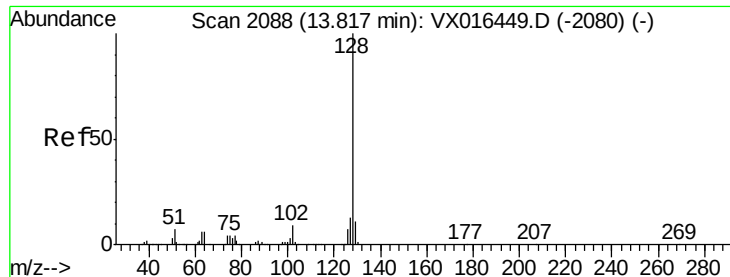
#94
 Hexachlorobutadiene
 Concen: 25.208 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016654.D
 Acq: 09 Jun 2020 10:59

Tgt Ion:225 Resp: 32960
 Ion Ratio Lower Upper
 225 100
 223 61.3 32.3 96.8
 227 64.9 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: 18.899 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBS01

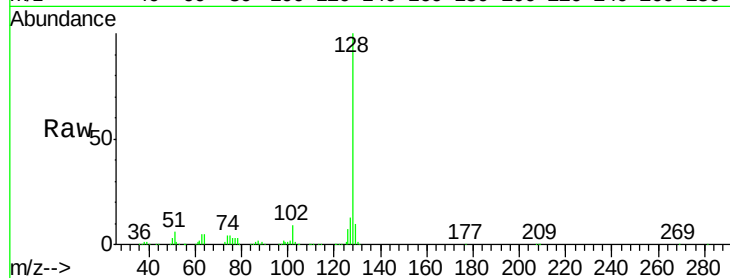
Tot Ion:128 Resp: 215758

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

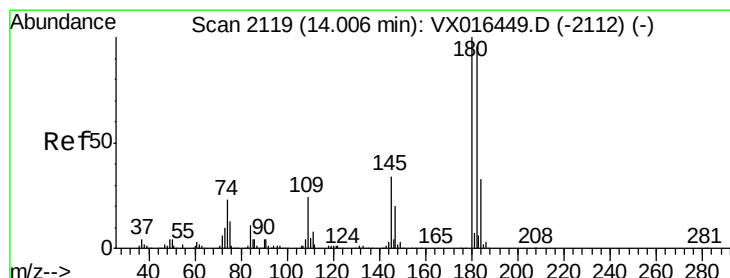
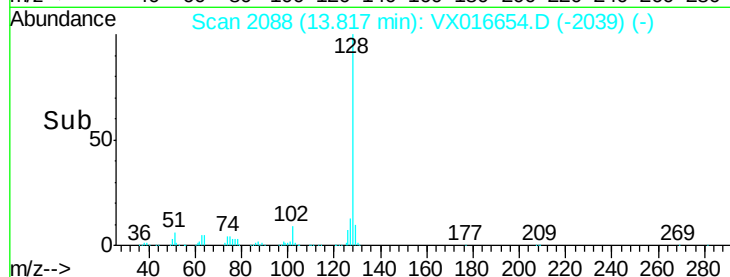
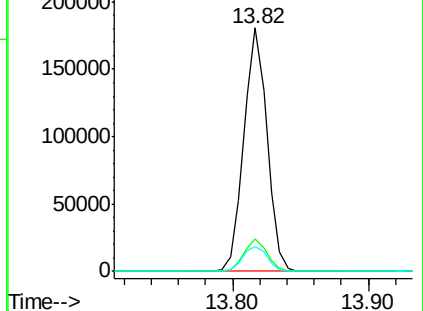
129 10.9 8.6 13.0



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: 20.977 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016654.D

Acq: 09 Jun 2020 10:59

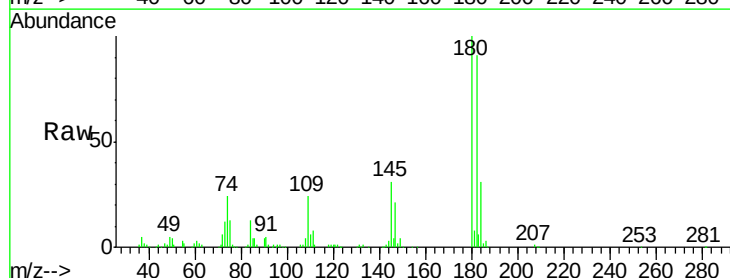
Tgt Ion:180 Resp: 68440

Ion Ratio Lower Upper

180 100

182 95.2 48.6 145.8

145 31.8 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

