

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016821.D
 Acq On : 17 Jun 2020 16:58
 Operator : JC/SP
 Sample : VX0617WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

Quant Time: Jun 18 00:45:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	309266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	463575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158542	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
35) Dibromofluoromethane	5.47	113	132707	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
50) Toluene-d8	8.70	98	511709	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.12	95	204016	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	60505	17.412	ug/l	100
3) Chloromethane	1.31	50	53760	15.924	ug/l	100
4) Vinyl Chloride	1.39	62	62237	17.277	ug/l	98
5) Bromomethane	1.63	94	39905	17.837	ug/l	97
6) Chloroethane	1.72	64	38984	17.568	ug/l	98
7) Trichlorofluoromethane	1.92	101	87320	16.830	ug/l	100
8) Diethyl Ether	2.17	74	33969	16.033	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47867	18.134	ug/l	96
10) Methyl Iodide	2.50	142	39889	12.090	ug/l	98
11) Tert butyl alcohol	3.01	59	60447	69.169	ug/l	98
12) 1,1-Dichloroethene	2.36	96	48957	16.196	ug/l	98
13) Acrolein	2.27	56	21206	58.770	ug/l	97
14) Allyl chloride	2.71	41	67575	14.294	ug/l	96
15) Acrylonitrile	3.12	53	125511	70.778	ug/l	99
16) Acetone	2.42	43	136556	86.541	ug/l	98
17) Carbon Disulfide	2.55	76	123148	14.225	ug/l	100
18) Methyl Acetate	2.75	43	63752	15.137	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	142542	13.836	ug/l	96
20) Methylene Chloride	2.84	84	46812	13.773	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	45500	14.008	ug/l	99
22) Diisopropyl ether	3.83	45	129908	14.629	ug/l	93
23) Vinyl Acetate	3.79	43	547308	71.308	ug/l	100
24) 1,1-Dichloroethane	3.67	63	78438	14.123	ug/l	98
25) 2-Butanone	4.64	43	173448	72.935	ug/l	96
26) 2,2-Dichloropropane	4.56	77	72561	14.109	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	52779	14.216	ug/l	98
28) Bromochloromethane	4.98	49	41025	17.316	ug/l	98
29) Tetrahydrofuran	5.09	42	112276	72.880	ug/l	99
30) Chloroform	5.18	83	81726	13.909	ug/l	98
31) Cyclohexane	5.56	56	67683	15.618	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	75746	14.206	ug/l	99
36) 1,1-Dichloropropene	5.78	75	61390	14.985	ug/l	100
37) Ethyl Acetate	4.80	43	65483	14.596	ug/l	100
38) Carbon Tetrachloride	5.76	117	67626	14.535	ug/l	98

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Quant Time: Jun 18 00:45:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	69266	15.256	ug/l	96
40) Benzene	6.12	78	184809	14.816	ug/l	98
41) Methacrylonitrile	5.01	41	36381	15.209	ug/l	98
42) 1,2-Dichloroethane	6.17	62	63658	13.983	ug/l	99
43) Isopropyl Acetate	6.42	43	103067	14.658	ug/l	100
44) Trichloroethene	7.20	130	59494	15.420	ug/l	97
45) 1,2-Dichloropropane	7.49	63	45842	14.993	ug/l	99
46) Dibromomethane	7.64	93	32533	14.598	ug/l	98
47) Bromodichloromethane	7.88	83	64352	13.851	ug/l	100
48) Methyl methacrylate	7.75	41	49409	14.826	ug/l	98
49) 1,4-Dioxane	7.71	88	24434	296.265	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	329435	76.032	ug/l	100
52) Toluene	8.77	92	119645	14.767	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	74163	14.133	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	79702	14.561	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	47842	14.683	ug/l	99
56) Ethyl methacrylate	9.16	69	72464	14.854	ug/l	98
57) 1,3-Dichloropropane	9.35	76	99564	18.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	218411	91.055	ug/l	99
59) 2-Hexanone	9.48	43	310147	92.725	ug/l	99
60) Dibromochloromethane	9.57	129	62117	16.131	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59103	16.644	ug/l	99
64) Tetrachloroethene	9.32	164	80333	17.454	ug/l	97
65) Chlorobenzene	10.12	112	145336	14.943	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	57403	14.795	ug/l	96
67) Ethyl Benzene	10.24	91	267205	16.252	ug/l	100
68) m/p-Xylenes	10.34	106	197350	31.657	ug/l	100
69) o-Xylene	10.68	106	88183	14.683	ug/l	100
70) Styrene	10.70	104	149184	14.369	ug/l	98
71) Bromoform	10.84	173	45274	13.676	ug/l #	97
73) Isopropylbenzene	11.00	105	230782	15.889	ug/l	100
74) N-amyl acetate	10.88	43	91147	16.146	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	62145	14.545	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	94345	20.268	ug/l	87
77) Bromobenzene	11.24	156	63181	15.406	ug/l	99
78) n-propylbenzene	11.34	91	249633	15.826	ug/l	100
79) 2-Chlorotoluene	11.40	91	155113	15.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	192131	15.780	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	27039	14.623	ug/l	98
82) 4-Chlorotoluene	11.49	91	183488	15.716	ug/l	99
83) tert-Butylbenzene	11.76	119	169086	15.177	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	194972	15.830	ug/l	100
85) sec-Butylbenzene	11.93	105	208720	16.016	ug/l	100
86) p-Isopropyltoluene	12.05	119	189233	15.134	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	102556	14.792	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	103707	14.424	ug/l	99
89) n-Butylbenzene	12.37	91	156274	15.140	ug/l	99
90) Hexachloroethane	12.58	117	31285	13.568	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	97778	14.103	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17015	14.241	ug/l	97

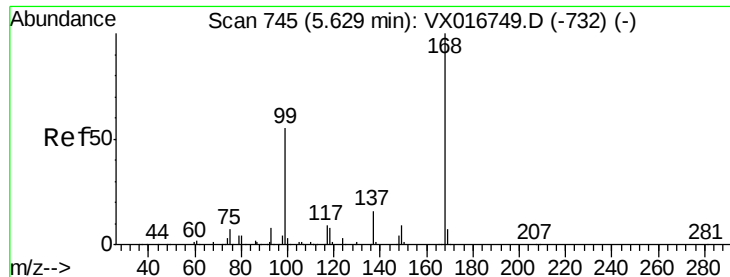
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061720\
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ClientSampleId :
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Quant Time: Jun 18 00:45:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73059	15.047	ug/l	97
94) Hexachlorobutadiene	13.76	225	33005	15.733	ug/l	94
95) Naphthalene	13.82	128	226855	14.914	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	71852	15.035	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

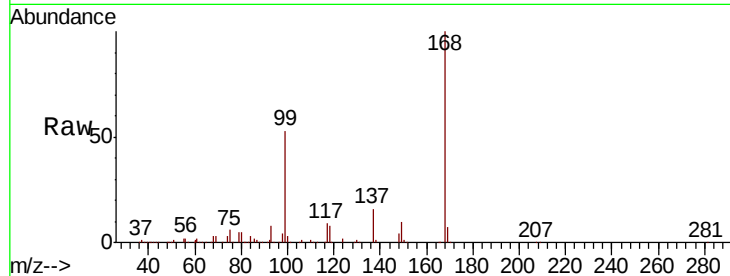
VX0617WBS03

Tot Ion:168 Resp: 309266

Ion Ratio Lower Upper

168 100

99 52.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

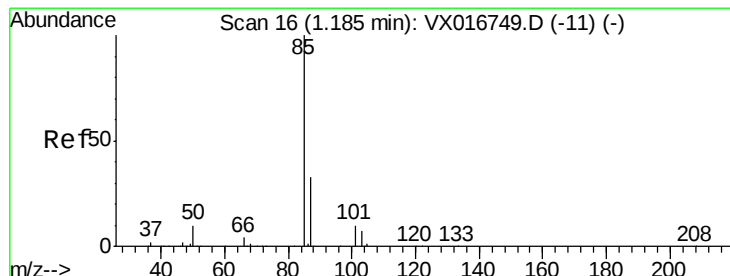
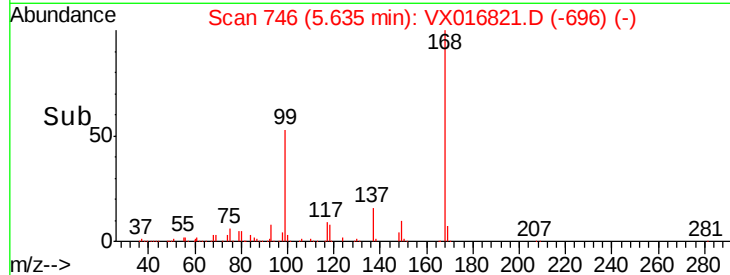
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.412 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016821.D

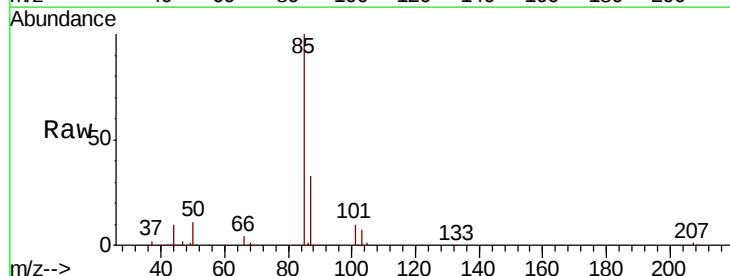
Acq: 17 Jun 2020 16:58

Tgt Ion: 85 Resp: 60505

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

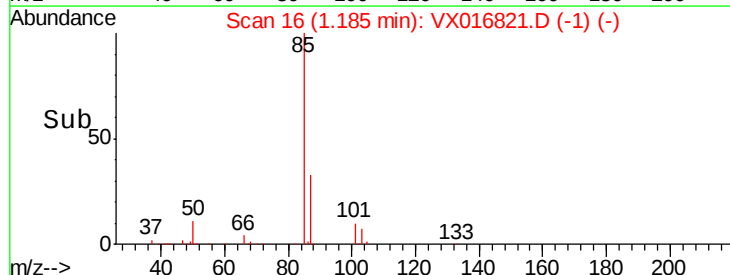
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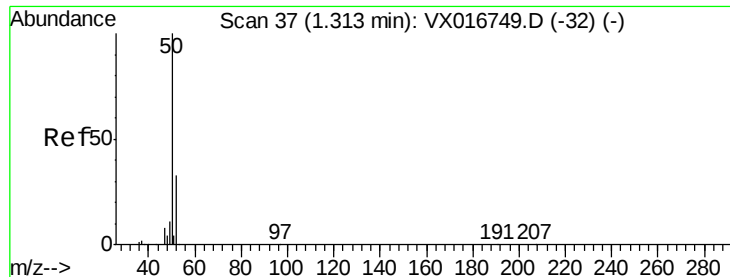
40000

20000

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Time-->





#3

Chloromethane

Concen: 15.924 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

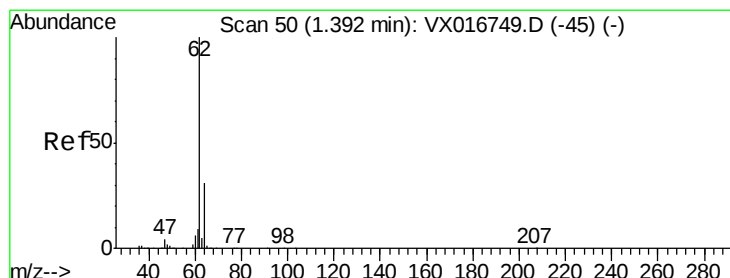
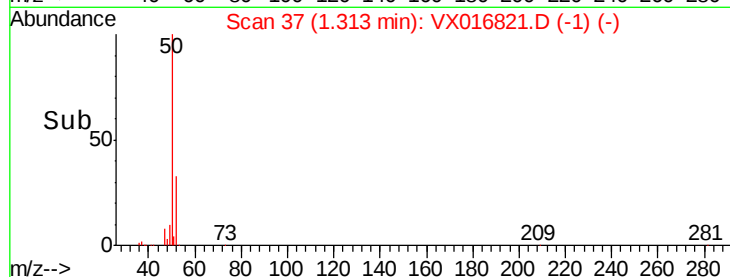
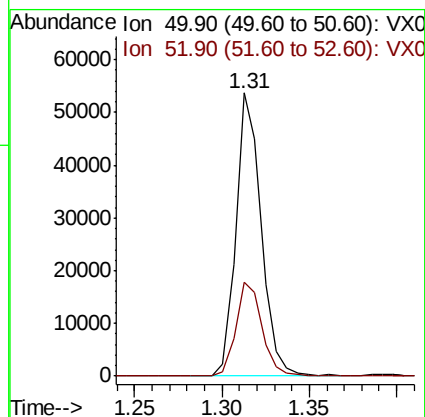
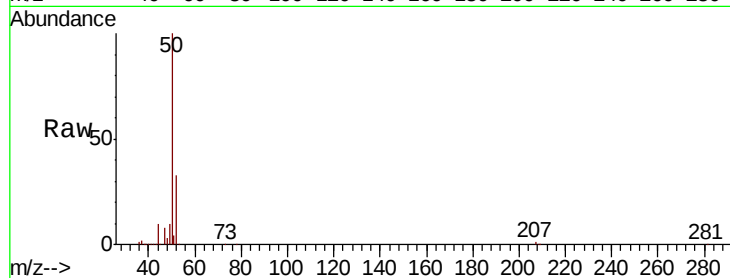
VX0617WBS03

Tot Ion: 50 Resp: 53760

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



#4

Vinyl Chloride

Concen: 17.277 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016821.D

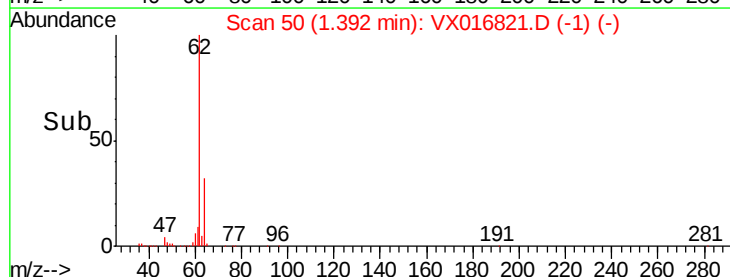
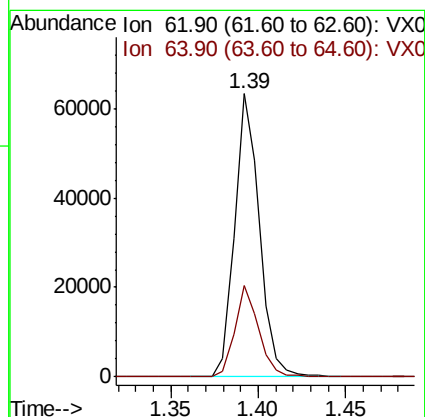
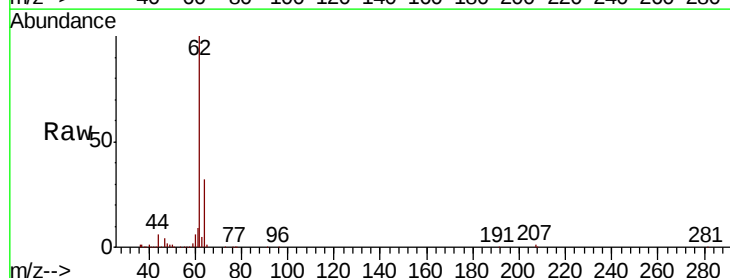
Acq: 17 Jun 2020 16:58

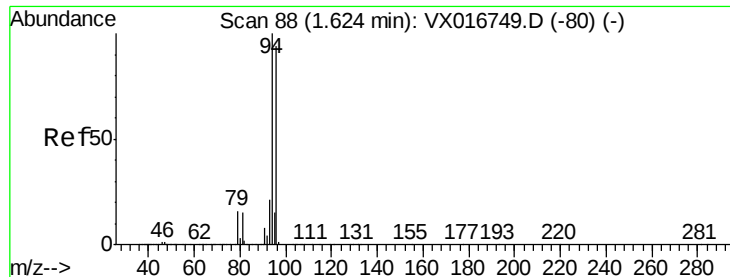
Tgt Ion: 62 Resp: 62237

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 17.837 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

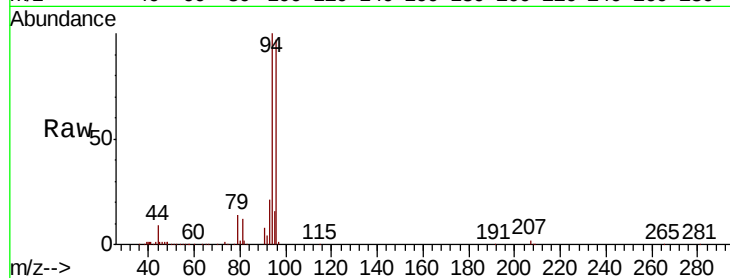
VX0617WBS03

Tot Ion: 94 Resp: 39905

Ion Ratio Lower Upper

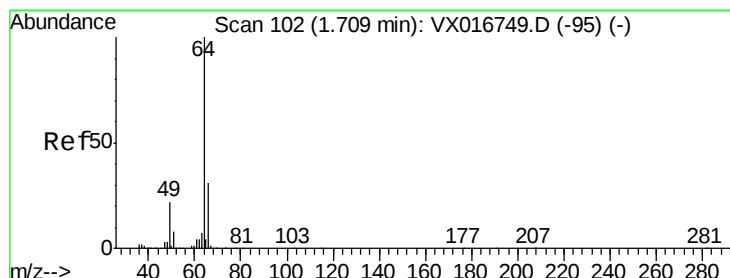
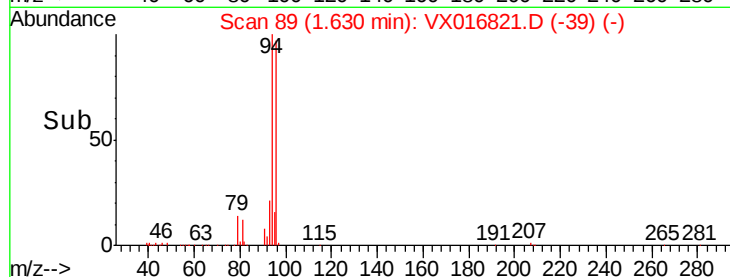
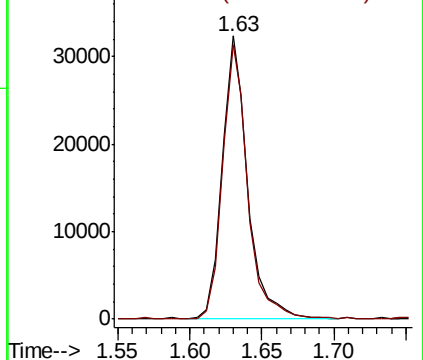
94 100

96 96.9 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.568 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016821.D

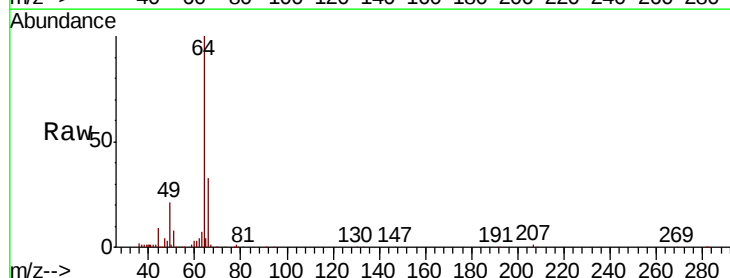
Acq: 17 Jun 2020 16:58

Tgt Ion: 64 Resp: 38984

Ion Ratio Lower Upper

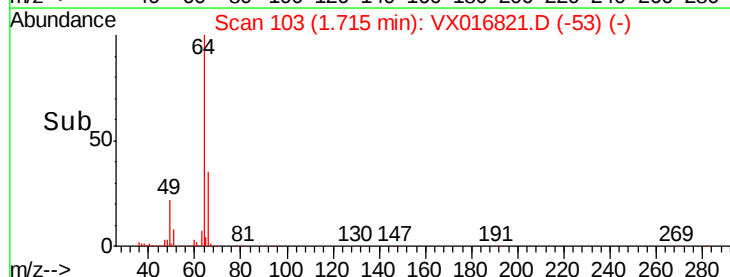
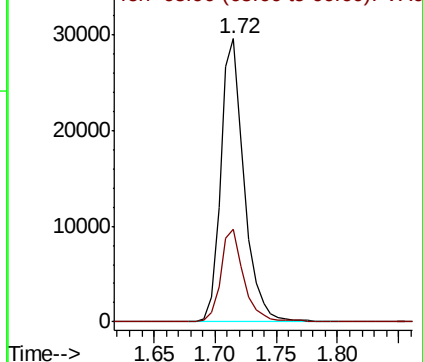
64 100

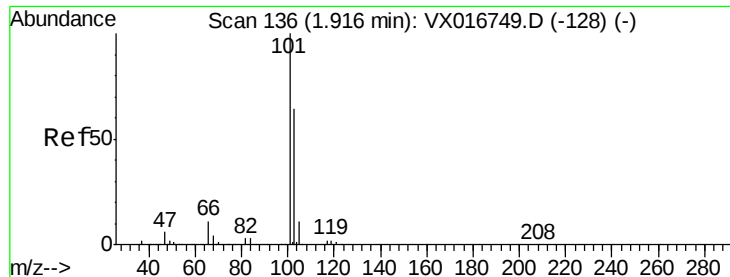
66 32.7 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



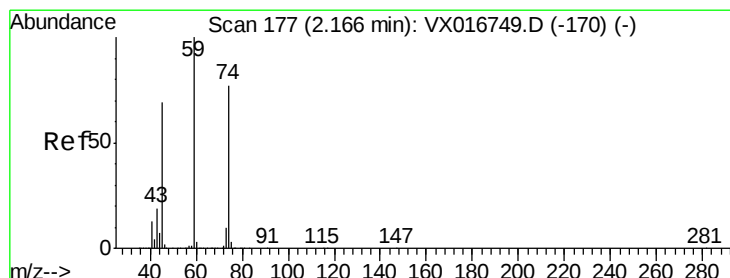
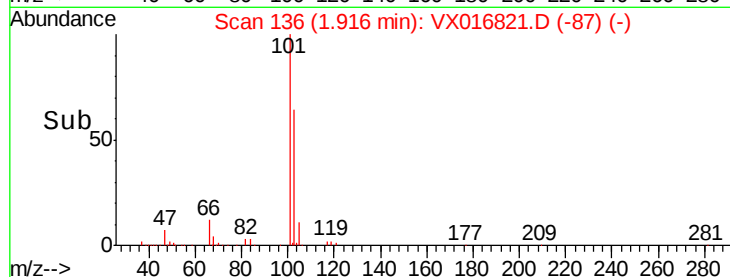
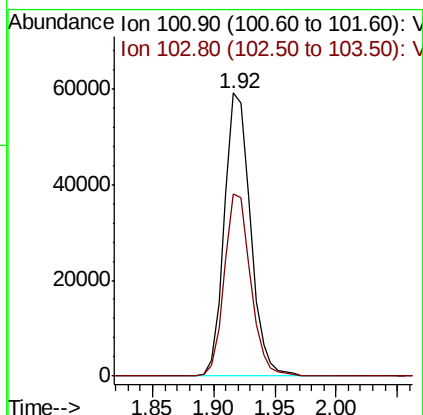
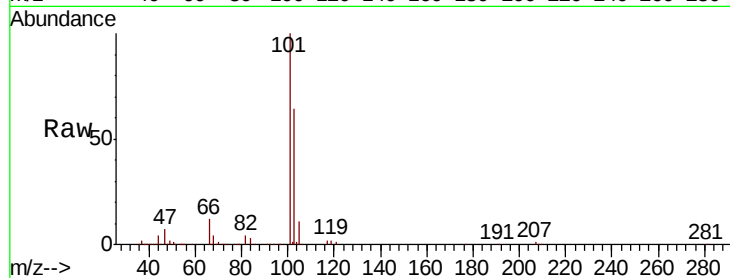


#7

Trichlorofluoromethane
 Concen: 16.830 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

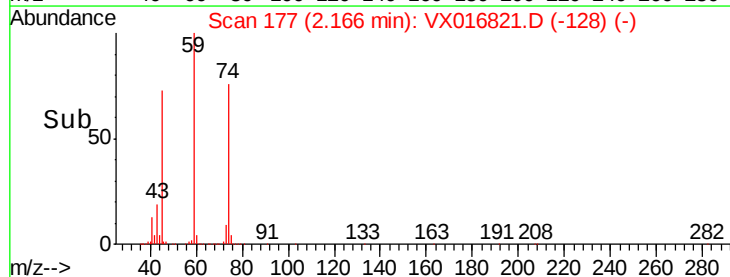
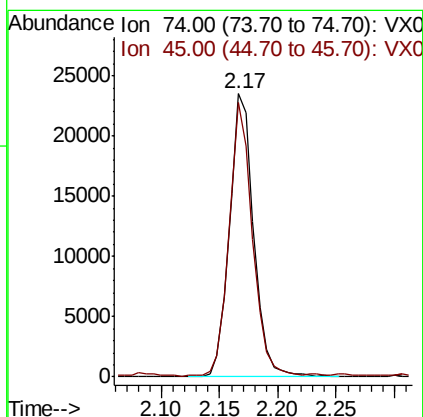
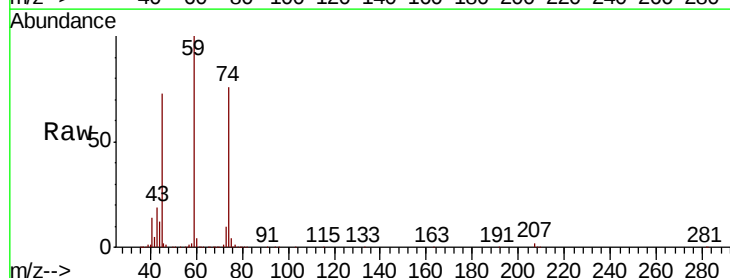
Tot Ion:101 Resp: 87320
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.3 76.9

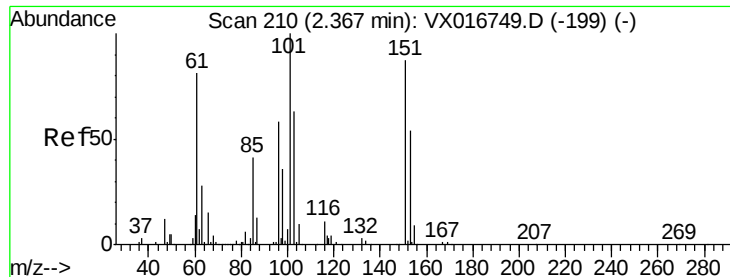


#8

Diethyl Ether
 Concen: 16.033 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion: 74 Resp: 33969
 Ion Ratio Lower Upper
 74 100
 45 93.0 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.134 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

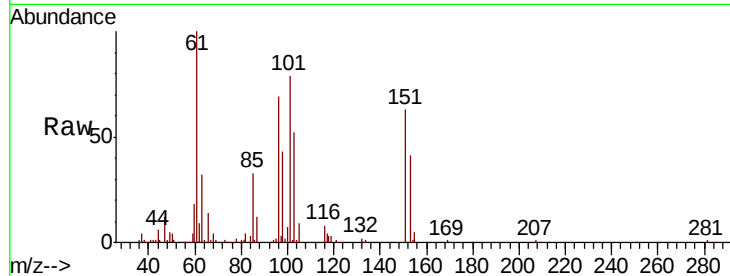
Tot Ion:101 Resp: 47867

Ion Ratio Lower Upper

101 100

85 42.3 34.0 51.0

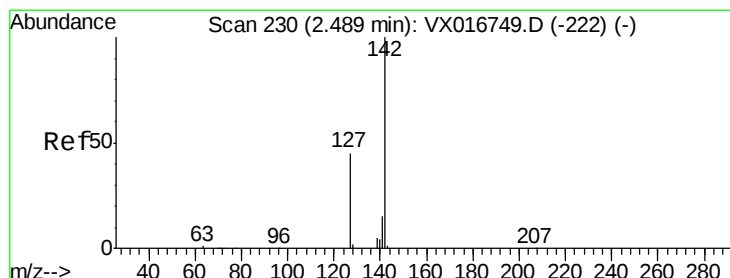
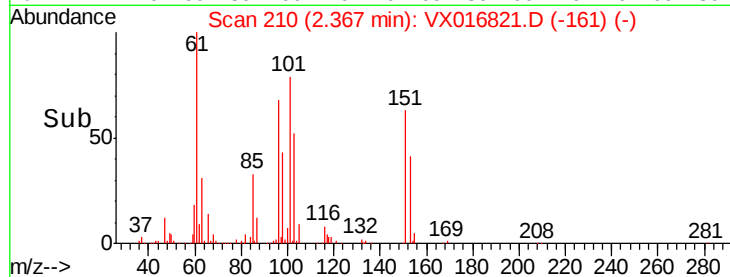
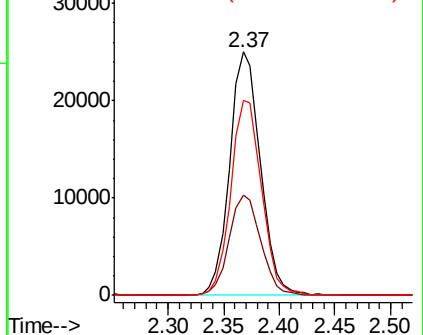
151 80.2 68.7 103.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.090 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

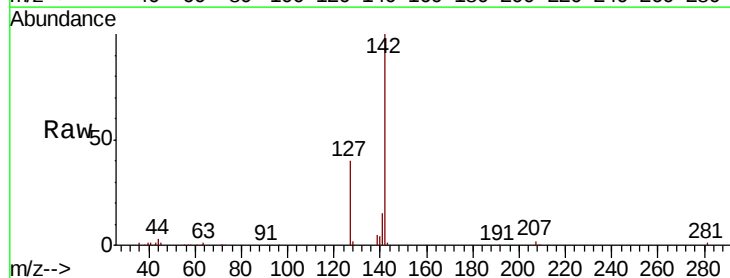
Tgt Ion:142 Resp: 39889

Ion Ratio Lower Upper

142 100

127 42.4 35.4 53.2

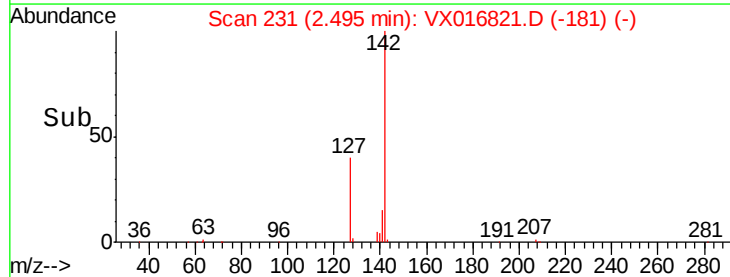
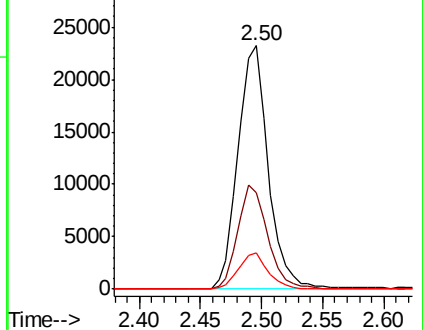
141 14.4 11.7 17.5

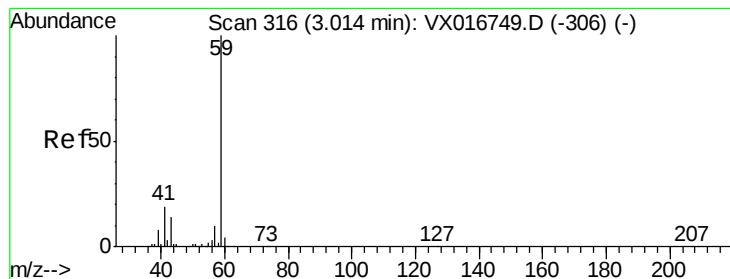


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 69.169 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

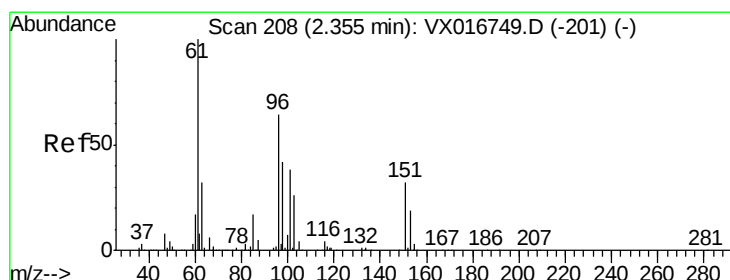
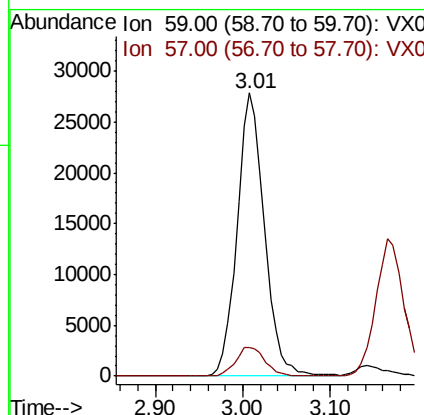
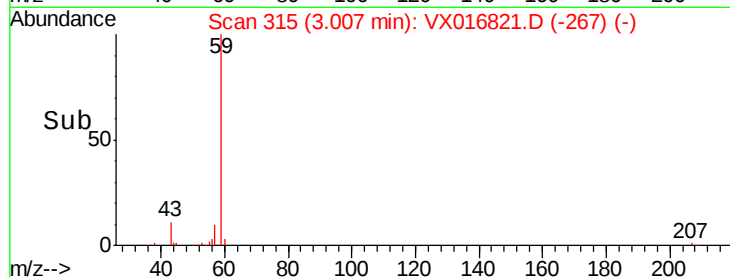
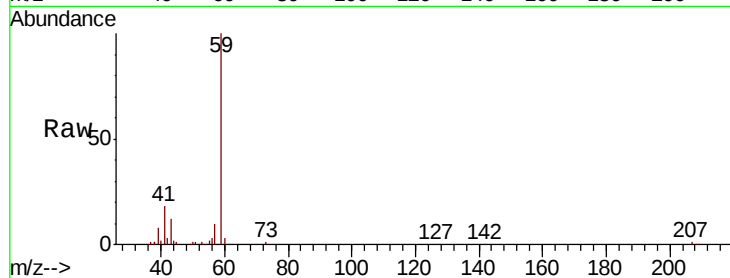
VX0617WBS03

Tot Ion: 59 Resp: 60447

Ion Ratio Lower Upper

59 100

57 11.0 8.2 12.2



#12

1,1-Dichloroethene

Concen: 16.196 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

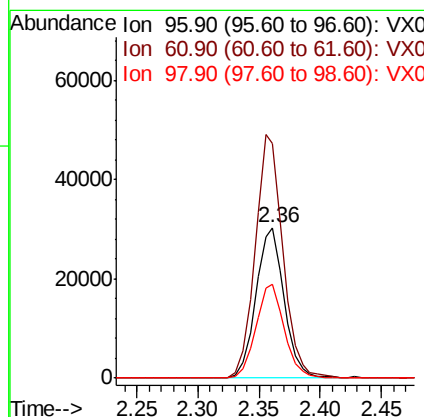
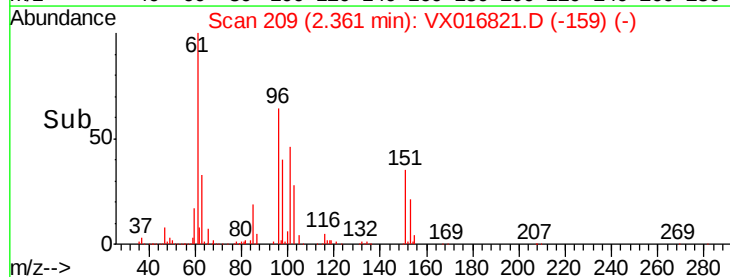
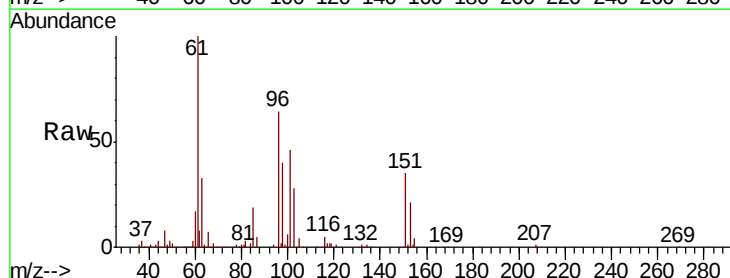
Tgt Ion: 96 Resp: 48957

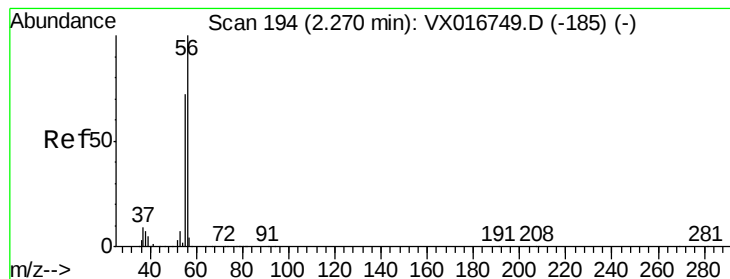
Ion Ratio Lower Upper

96 100

61 155.5 124.1 186.1

98 62.1 52.7 79.1





#13

Acrolein

Concen: 58.770 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

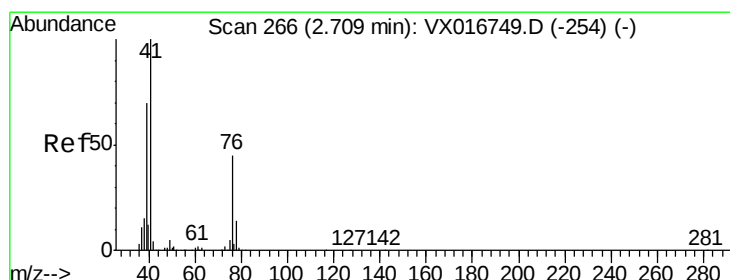
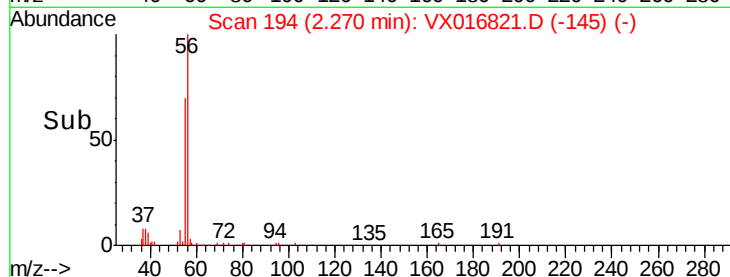
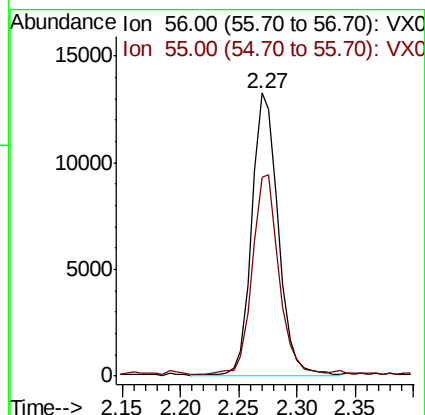
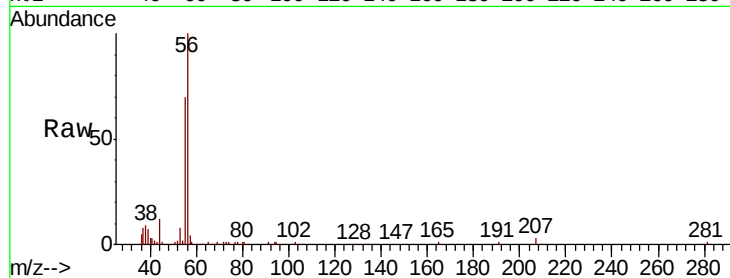
VX0617WBS03

Tot Ion: 56 Resp: 21206

Ion Ratio Lower Upper

56 100

55 70.0 58.2 87.4



#14

Allyl chloride

Concen: 14.294 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

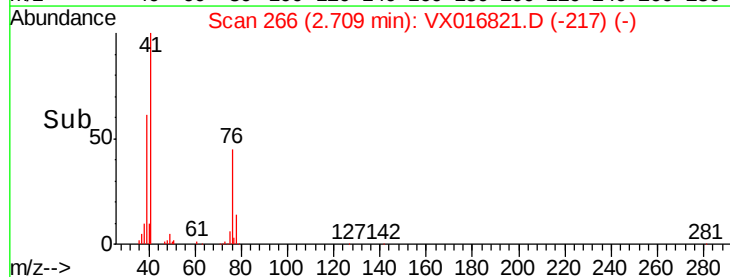
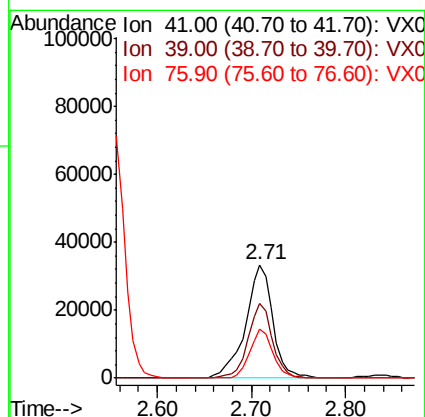
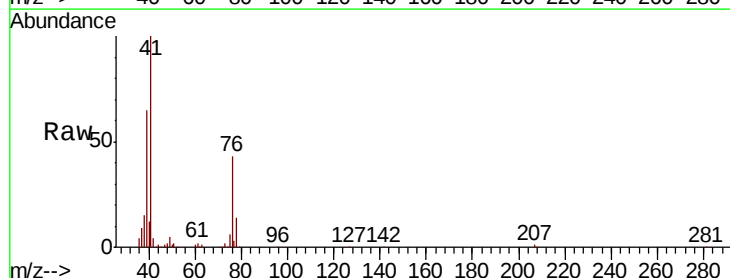
Tgt Ion: 41 Resp: 67575

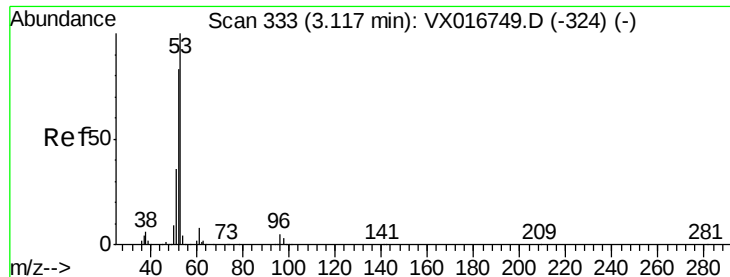
Ion Ratio Lower Upper

41 100

39 58.9 50.2 75.4

76 36.8 30.4 45.6





#15

Acrylonitrile

Concen: 70.778 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

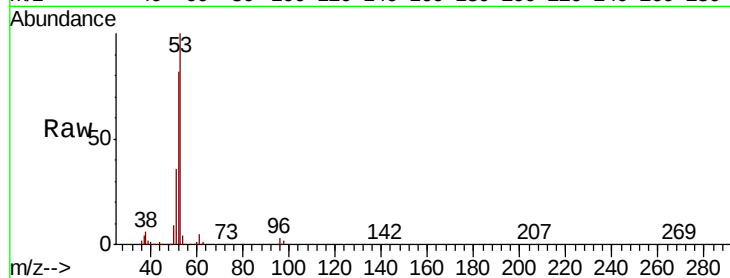
Tot Ion: 53 Resp: 125511

Ion Ratio Lower Upper

53 100

52 83.1 65.5 98.3

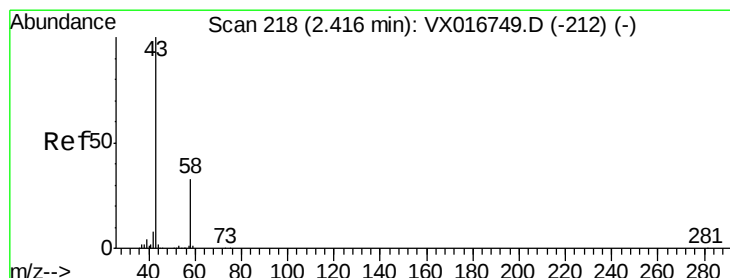
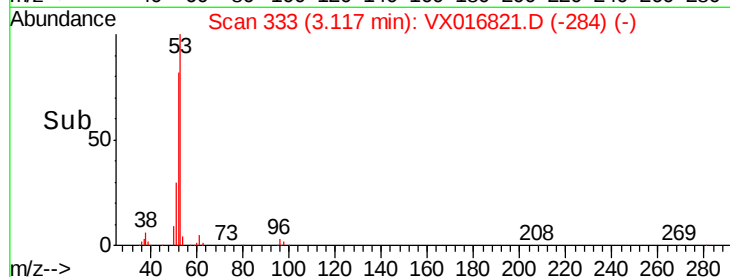
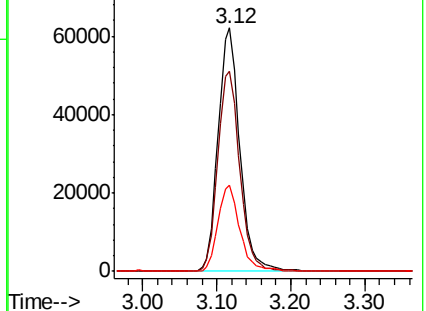
51 36.0 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 86.541 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016821.D

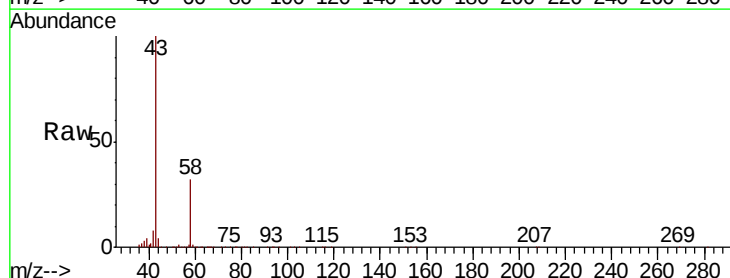
Acq: 17 Jun 2020 16:58

Tgt Ion: 43 Resp: 136556

Ion Ratio Lower Upper

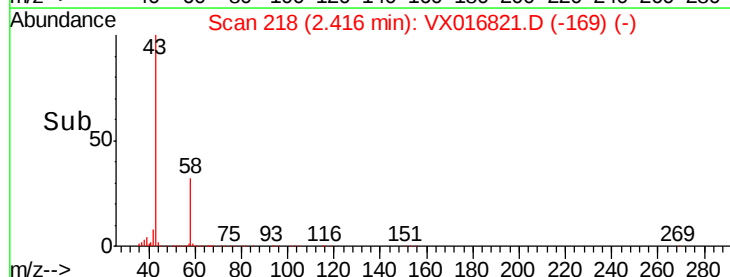
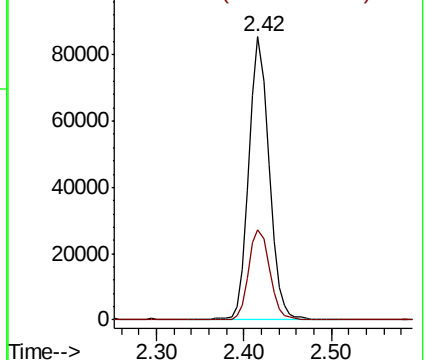
43 100

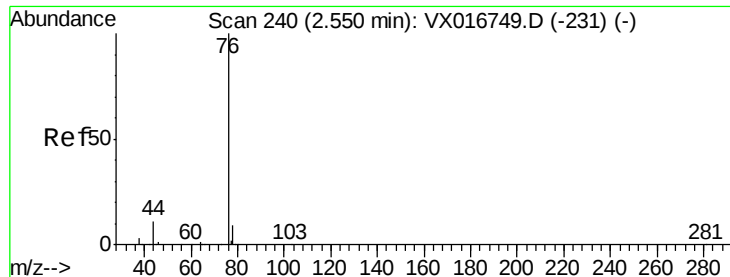
58 32.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

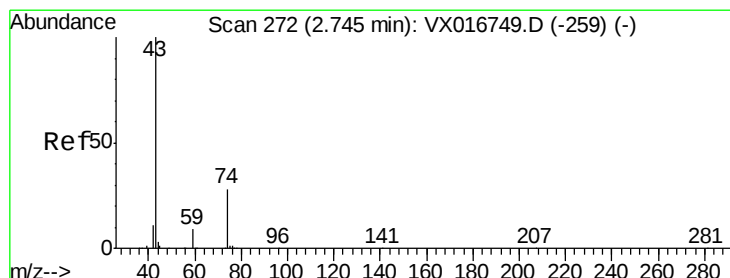
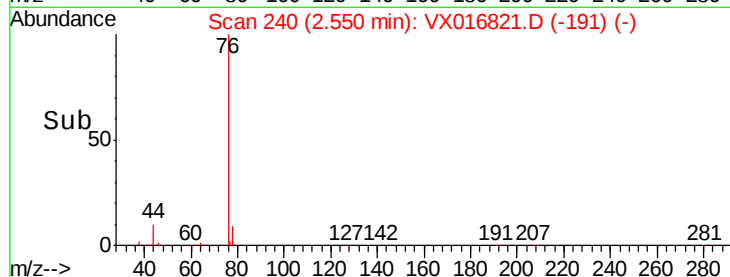
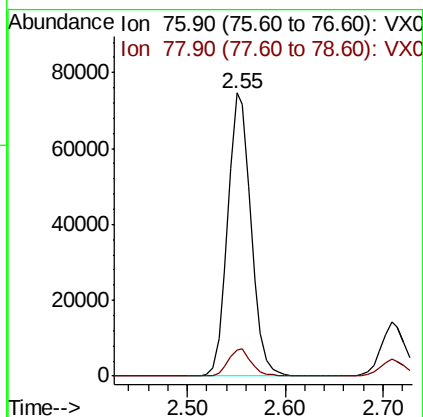
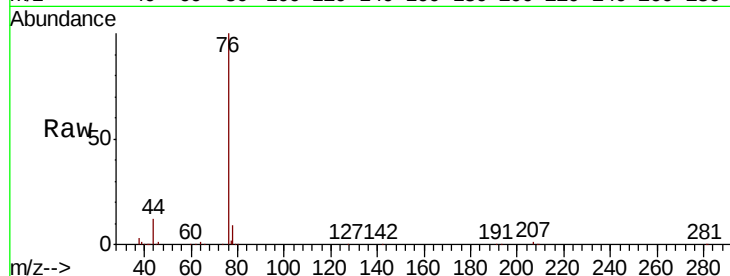




#17
Carbon Disulfide
Concen: 14.225 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

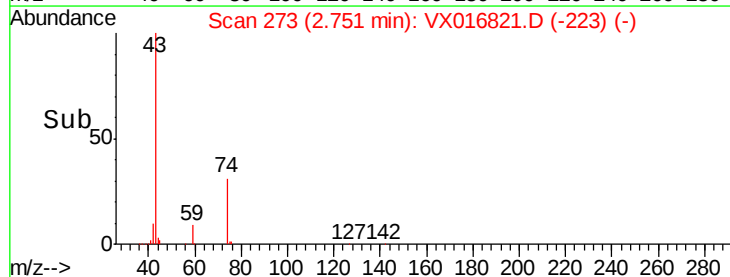
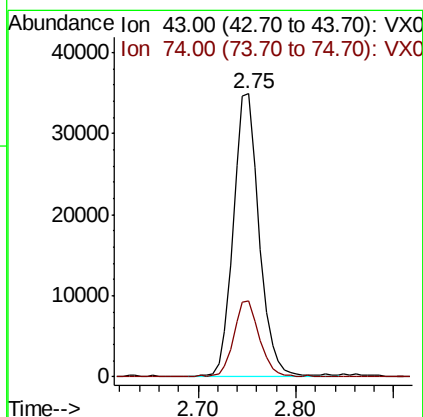
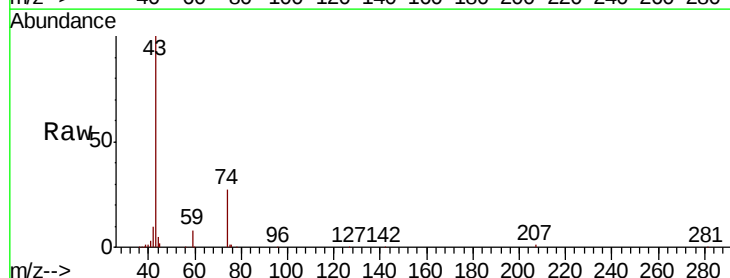
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

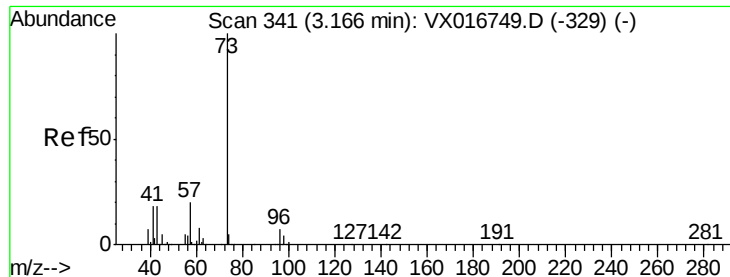
Tot Ion: 76 Resp: 123148
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 15.137 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 43 Resp: 63752
Ion Ratio Lower Upper
43 100
74 27.1 22.4 33.6



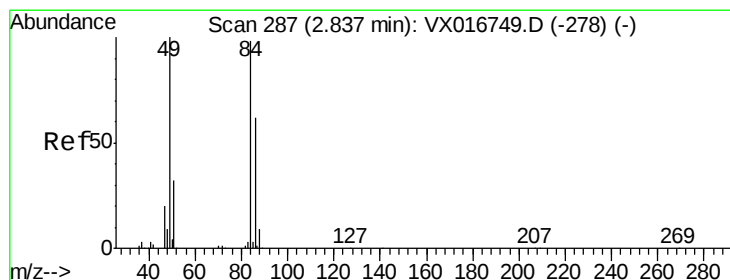
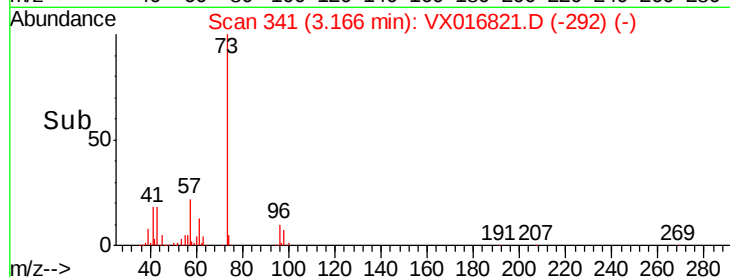
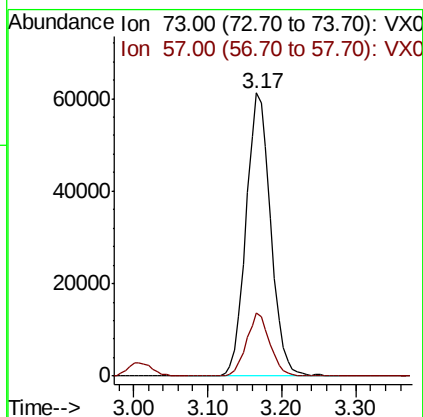
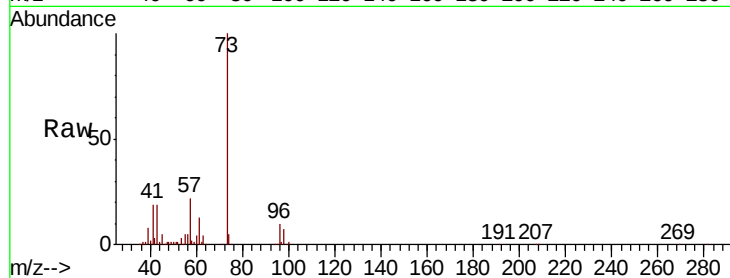


#19

Methyl tert-butyl Ether
 Concen: 13.836 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

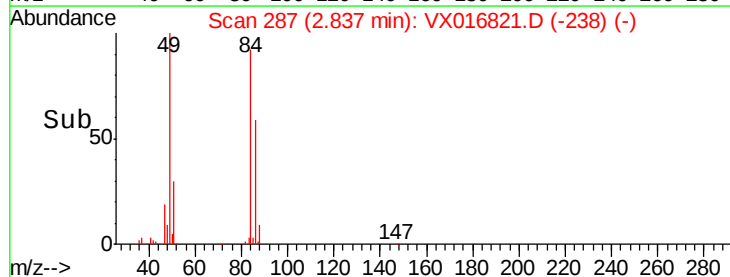
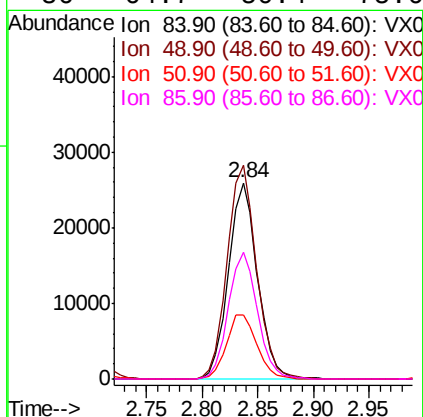
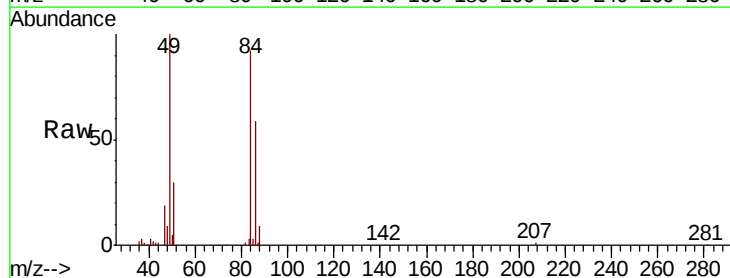
Tot Ion: 73 Resp: 142542
 Ion Ratio Lower Upper
 73 100
 57 22.1 16.2 24.4

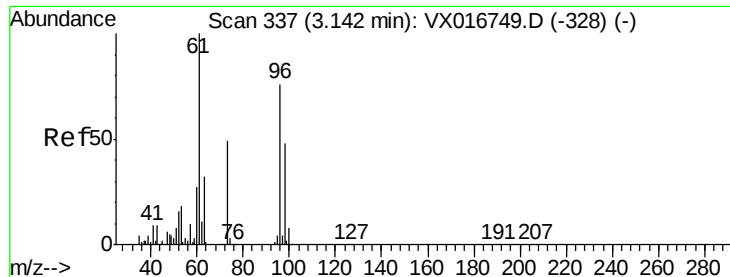


#20

Methylene Chloride
 Concen: 13.773 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion: 84 Resp: 46812
 Ion Ratio Lower Upper
 84 100
 49 108.7 81.8 122.8
 51 32.5 25.8 38.8
 86 64.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 14.008 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

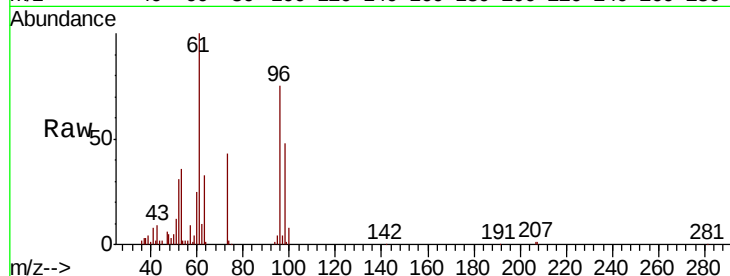
Tot Ion: 96 Resp: 45500

Ion Ratio Lower Upper

96 100

61 133.4 105.4 158.2

98 63.4 50.8 76.2

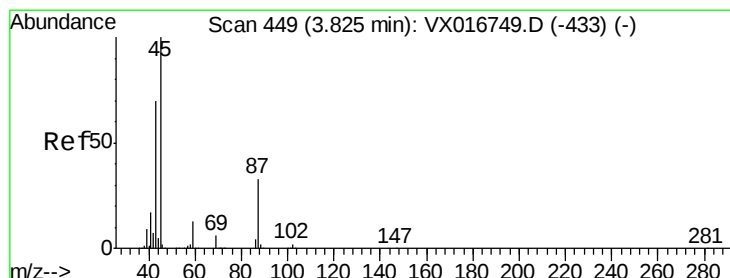
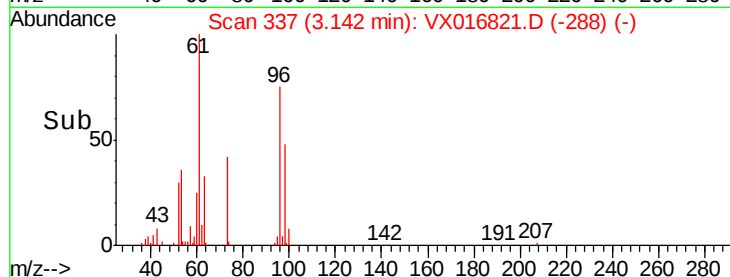
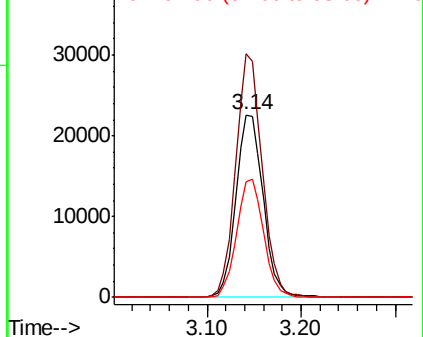


Abundance

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: 14.629 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion: 45 Resp: 129908

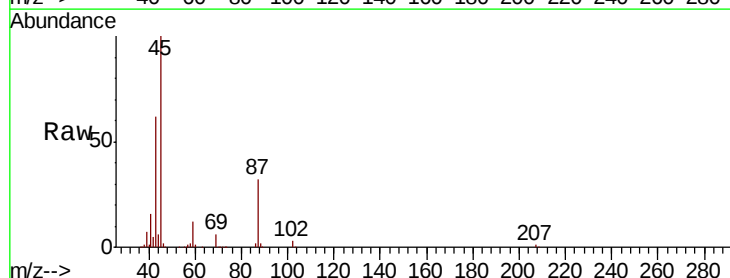
Ion Ratio Lower Upper

45 100

43 61.7 56.2 84.4

87 31.6 26.2 39.4

59 12.4 10.3 15.5



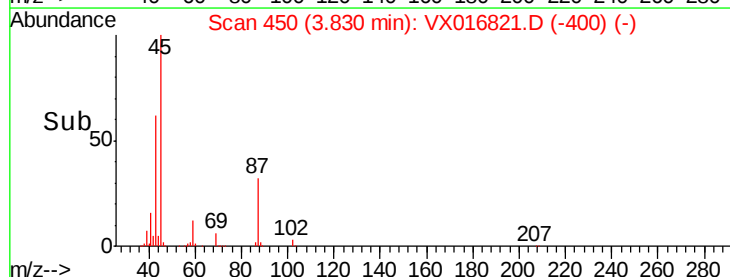
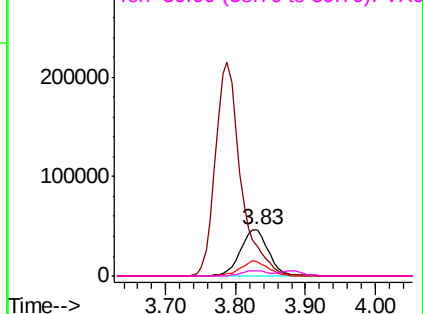
Abundance

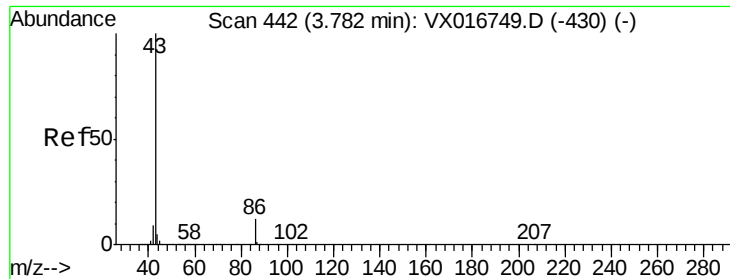
Ion 45.00 (44.70 to 45.70): VX0

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

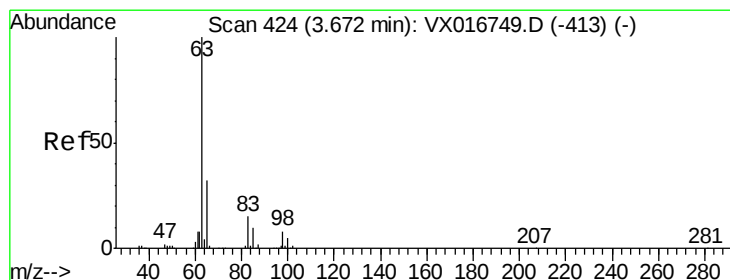
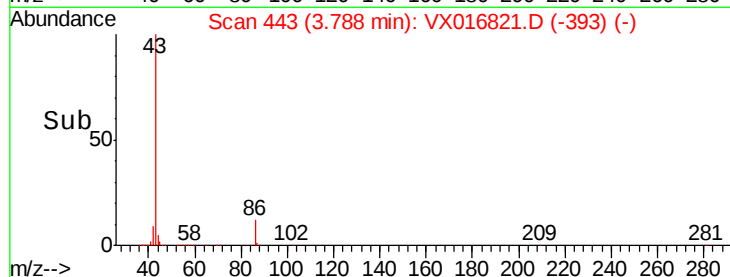
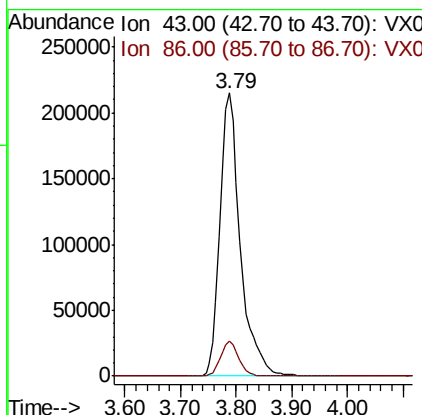
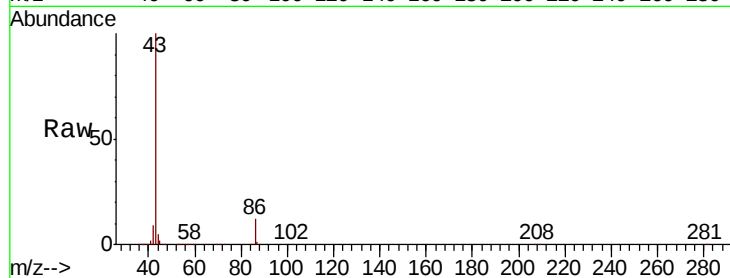




#23
 Vinyl Acetate
 Concen: 71.308 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

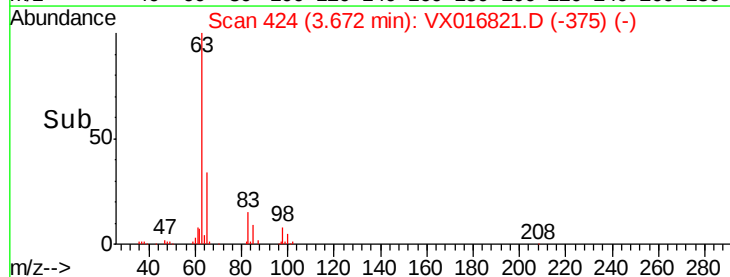
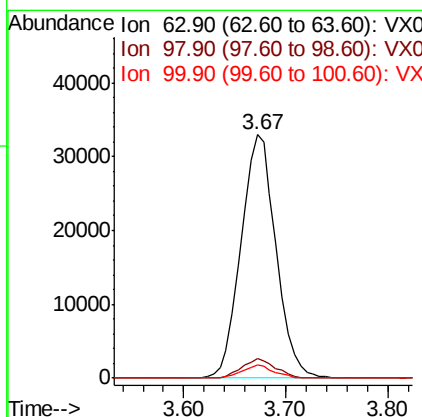
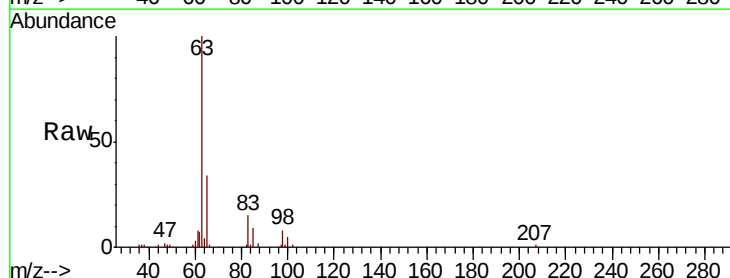
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

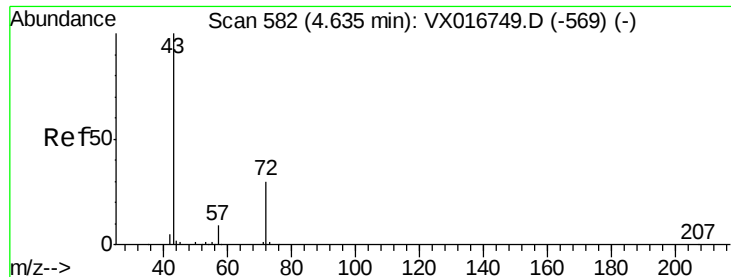
Tot Ion: 43 Resp: 547308
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 14.123 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion: 63 Resp: 78438
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 5.5 2.3 6.9

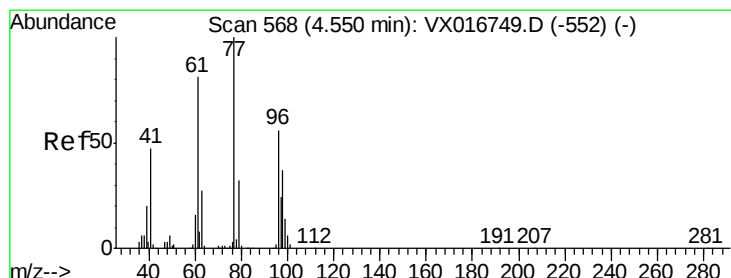
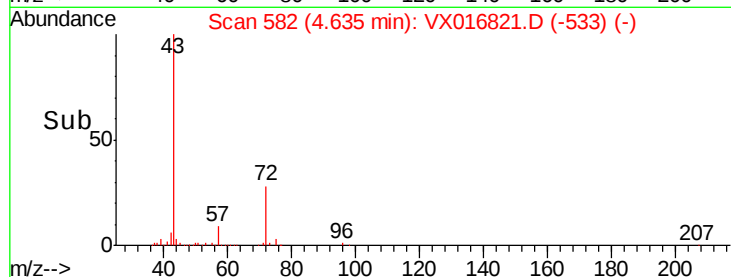
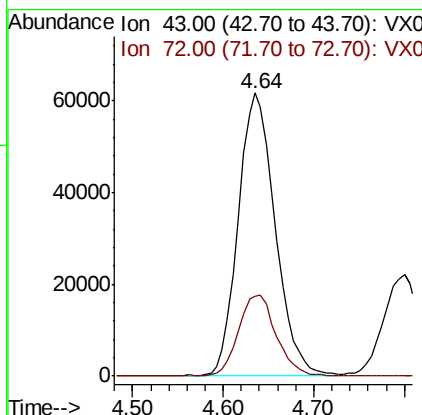
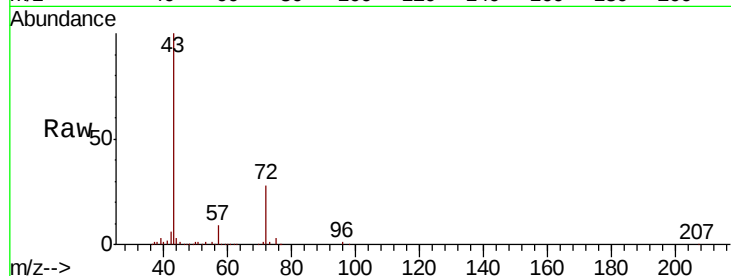




#25
2-Butanone
Concen: 72.935 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

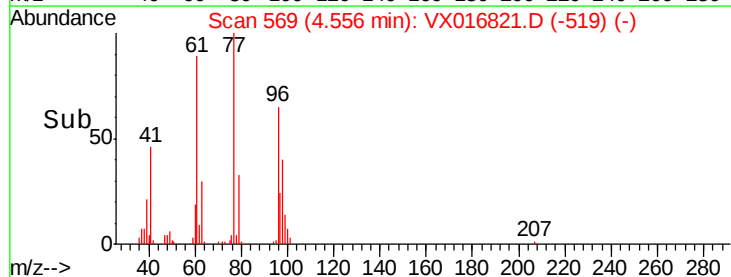
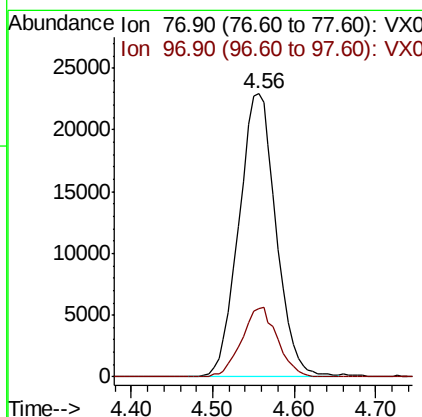
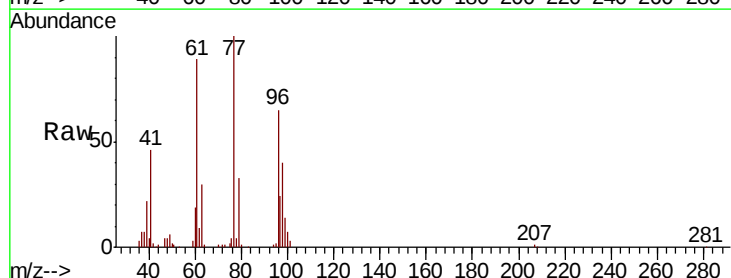
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

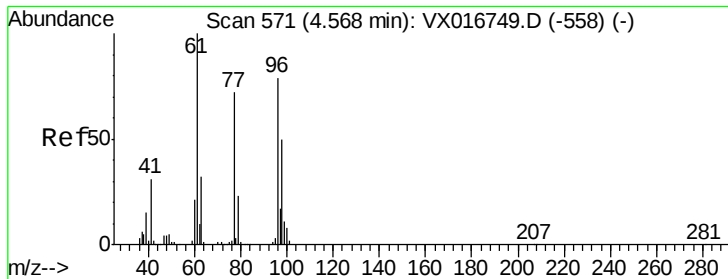
Tot Ion: 43 Resp: 173448
Ion Ratio Lower Upper
43 100
72 28.0 24.2 36.4



#26
2,2-Dichloropropane
Concen: 14.109 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 77 Resp: 72561
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.4



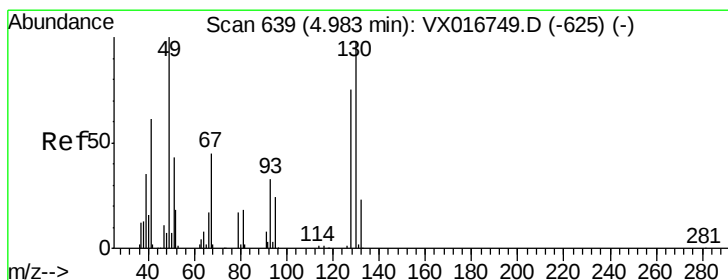
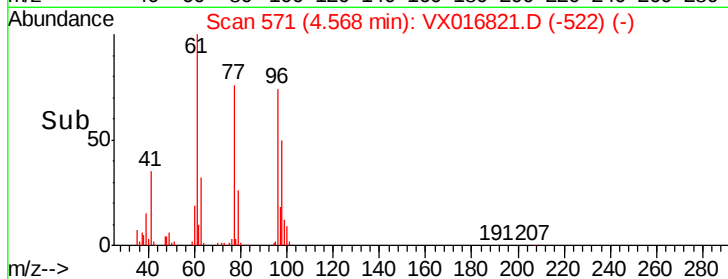
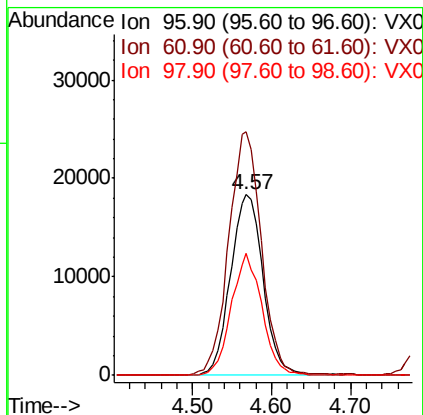
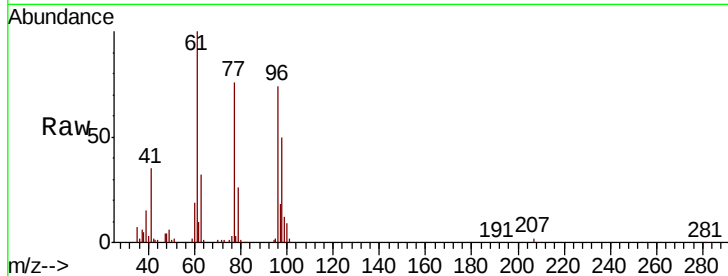


#27

cis-1,2-Dichloroethene
 Concen: 14.216 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

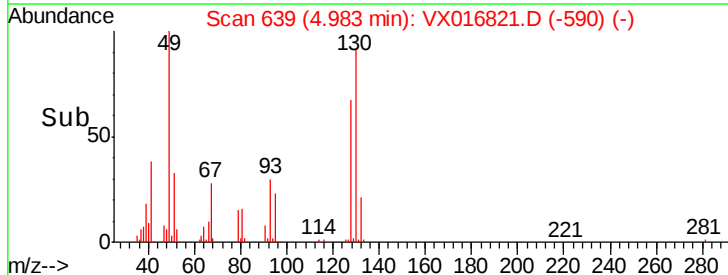
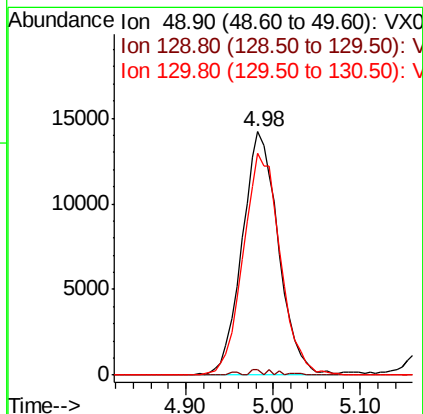
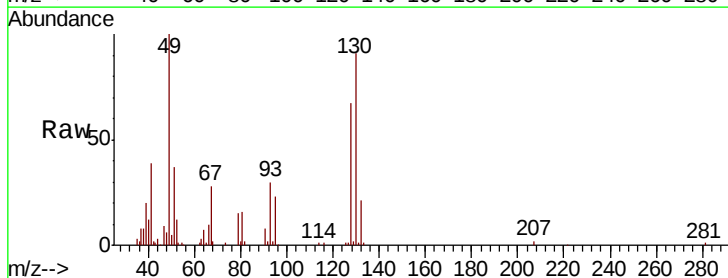
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	276.2
98	63.4	0.0	130.0

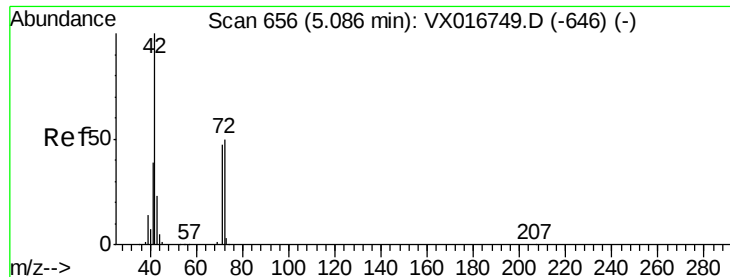


#28

Bromochloromethane
 Concen: 17.316 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.8
130	93.1	76.0	114.0

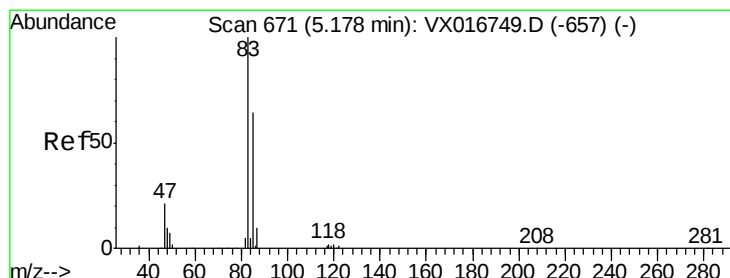
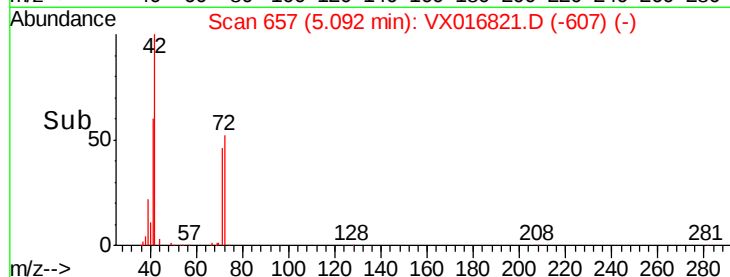
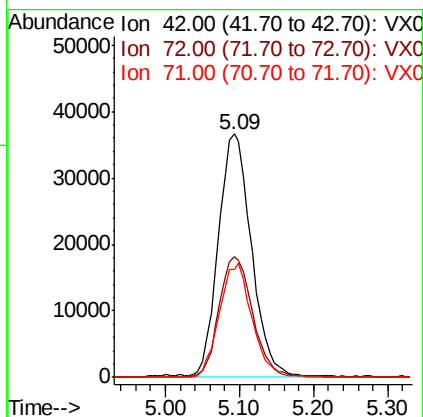
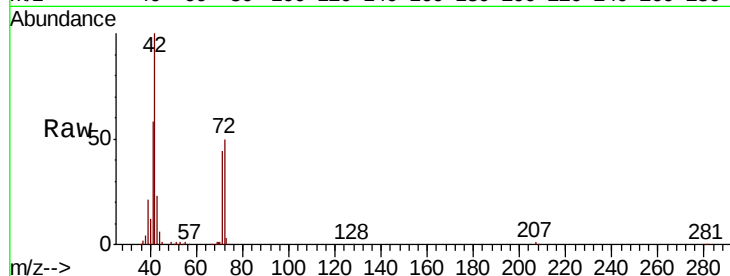




#29
Tetrahydrofuran
Concen: 72.880 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

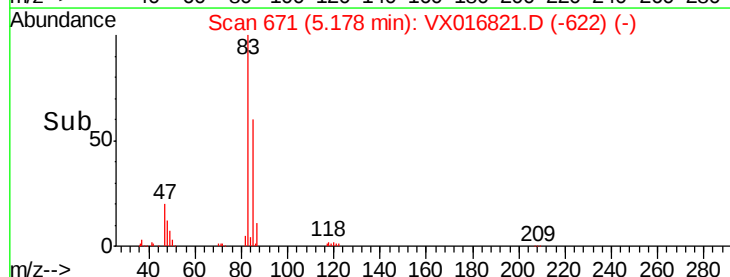
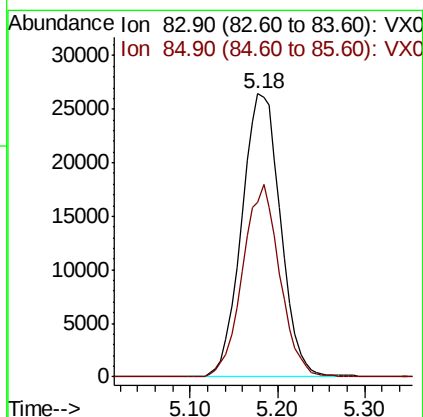
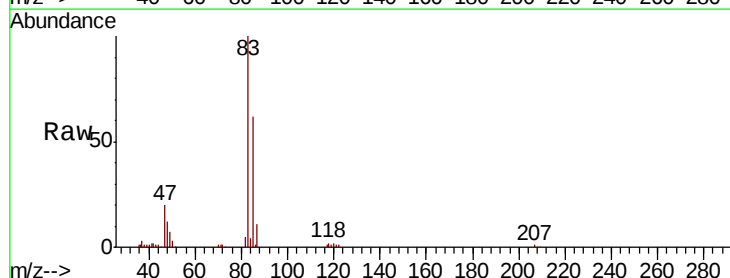
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

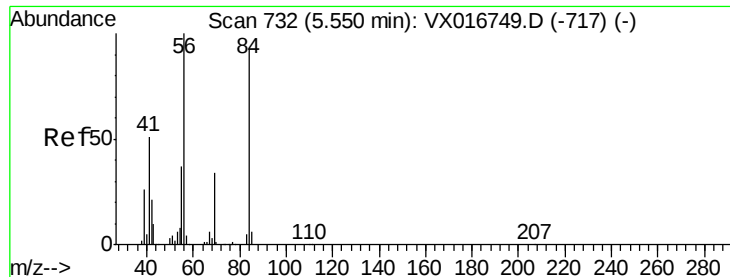
Tot Ion: 42 Resp: 112276
Ion Ratio Lower Upper
42 100
72 51.3 41.0 61.6
71 46.6 38.2 57.4



#30
Chloroform
Concen: 13.909 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 83 Resp: 81726
Ion Ratio Lower Upper
83 100
85 61.7 50.8 76.2

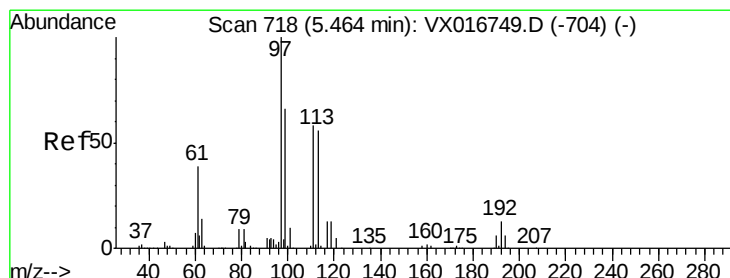
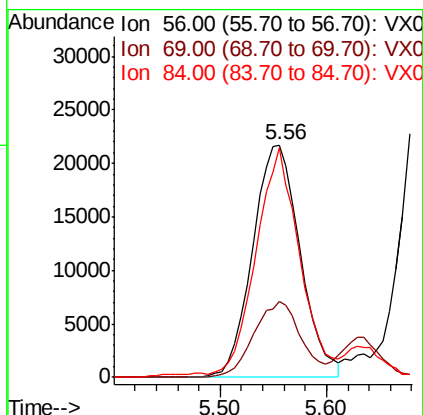
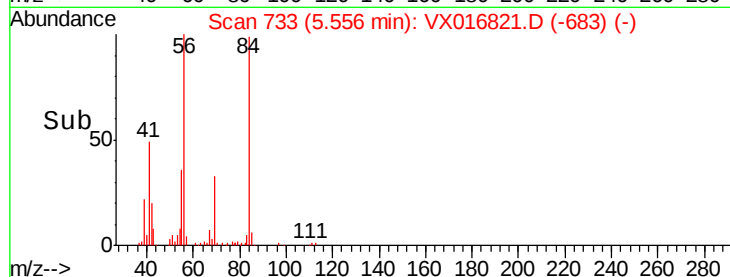
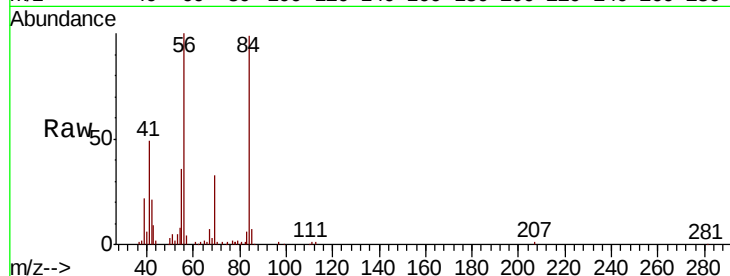




#31
Cvclohexane
Concen: 15.618 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

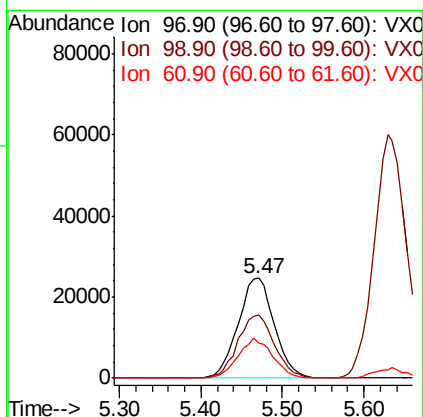
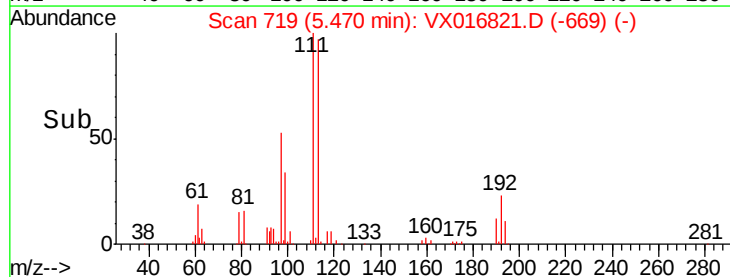
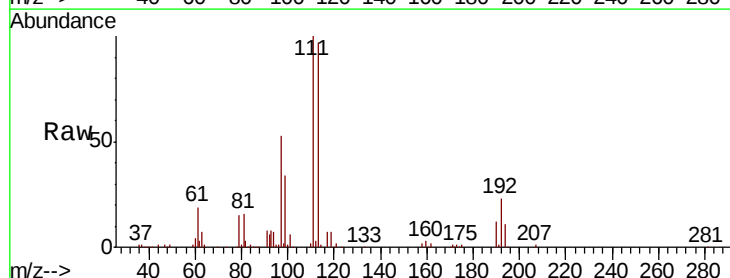
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

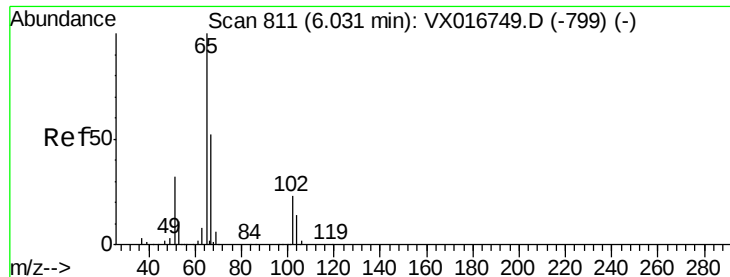
Tot Ion: 56 Resp: 67683
Ion Ratio Lower Upper
56 100
69 32.3 27.1 40.7
84 97.4 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 14.206 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 97 Resp: 75746
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 38.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 45.583 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

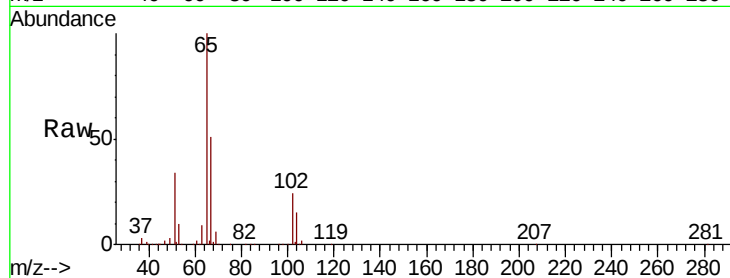
VX0617WBS03

Tot Ion: 65 Resp: 158542

Ion Ratio Lower Upper

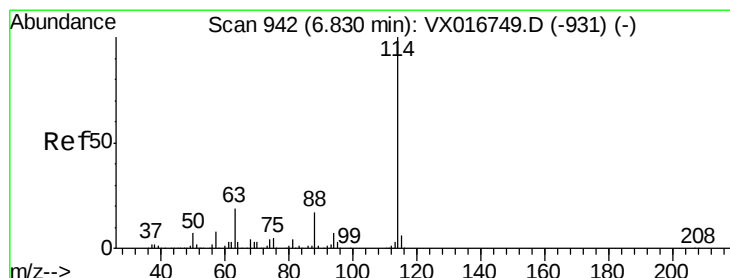
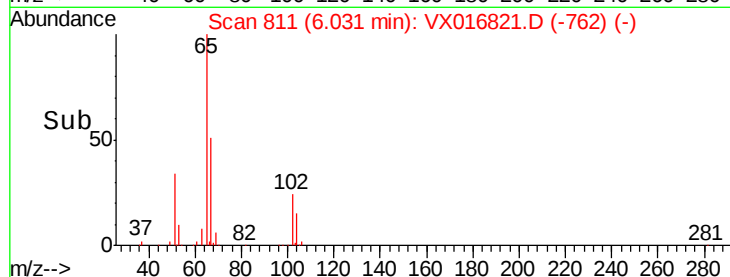
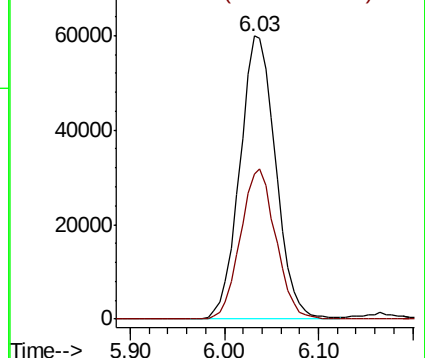
65 100

67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

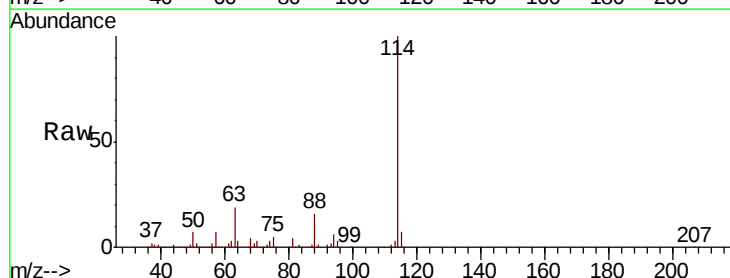
Tgt Ion: 114 Resp: 463575

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

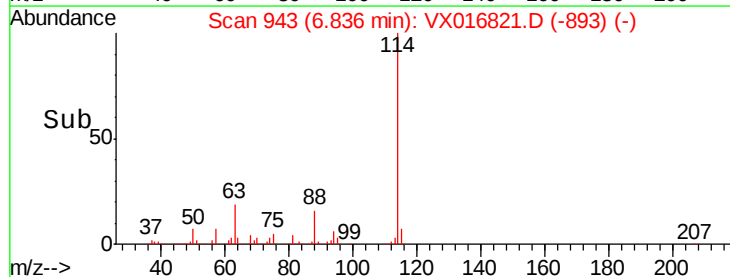
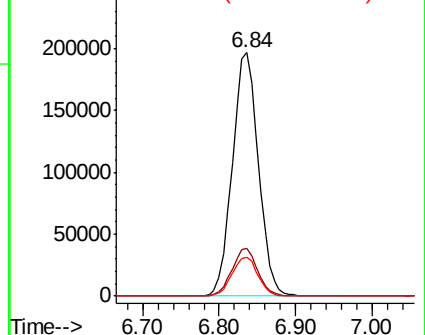
88 16.2 0.0 33.4

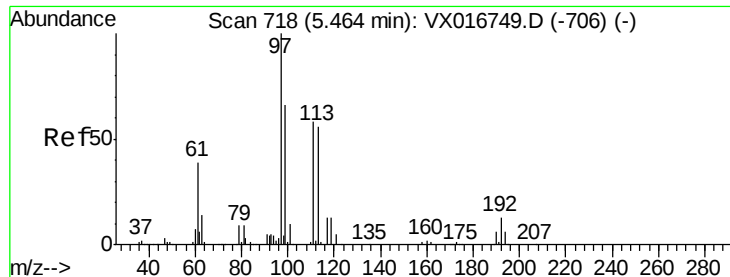


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

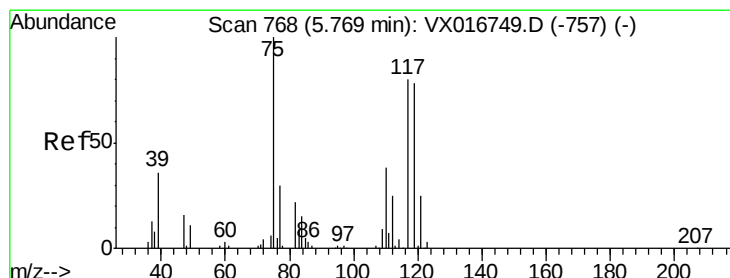
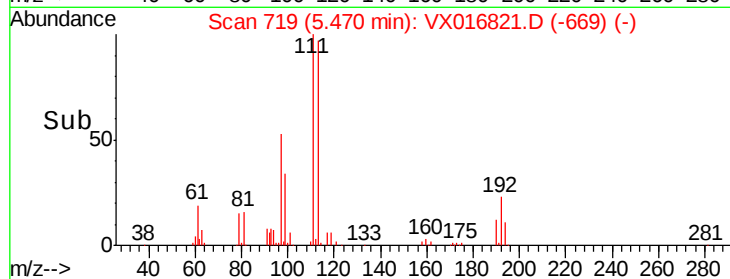
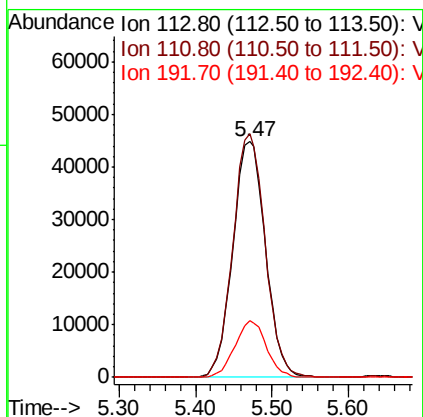
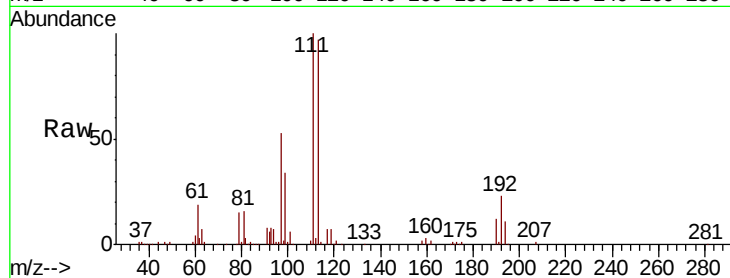




#35
Dibromofluoromethane
Concen: 46.398 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

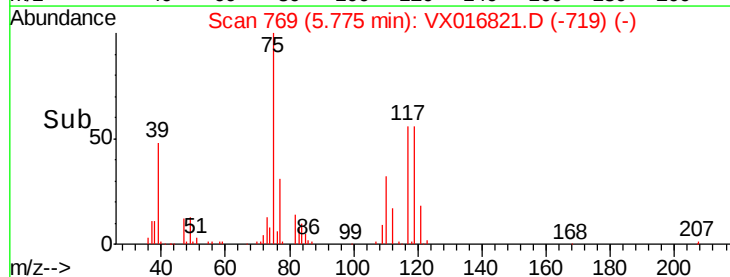
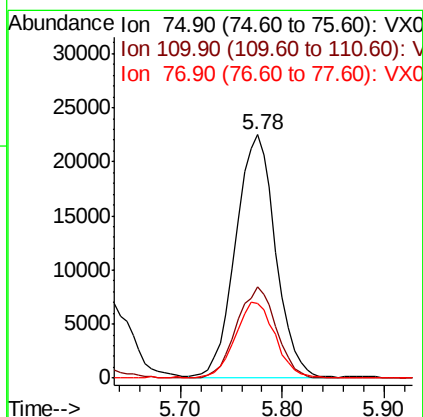
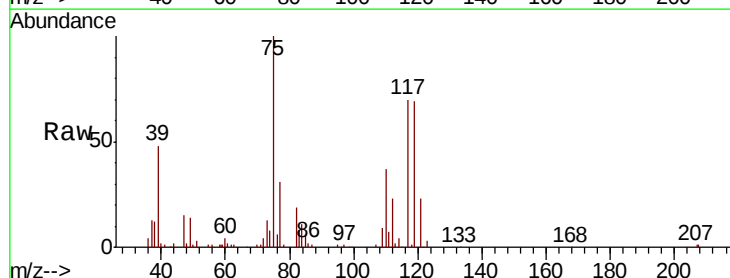
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

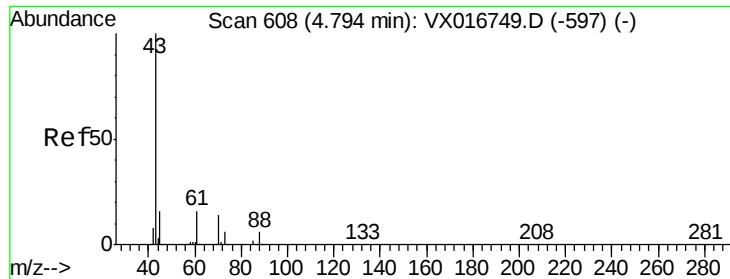
Tot Ion:113 Resp: 132707
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 23.2 18.2 27.4



#36
1,1-Dichloropropene
Concen: 14.985 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 75 Resp: 61390
Ion Ratio Lower Upper
75 100
110 36.9 18.4 55.2
77 31.1 24.7 37.1

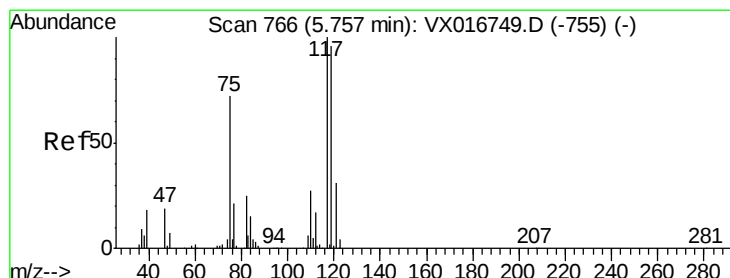
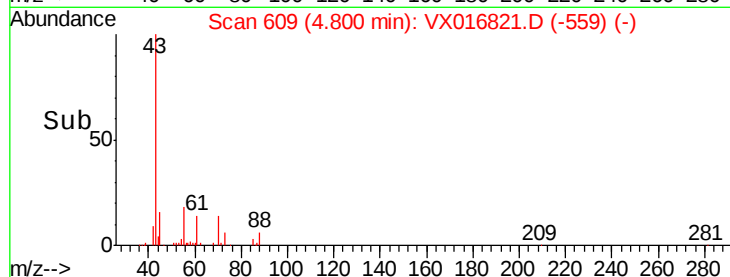
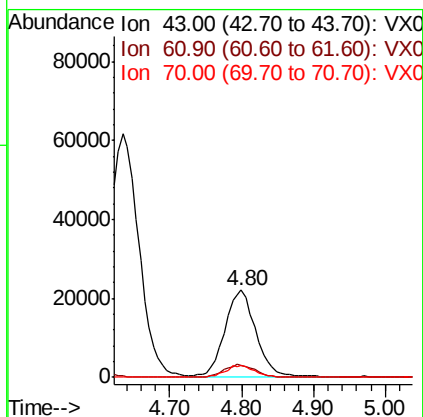
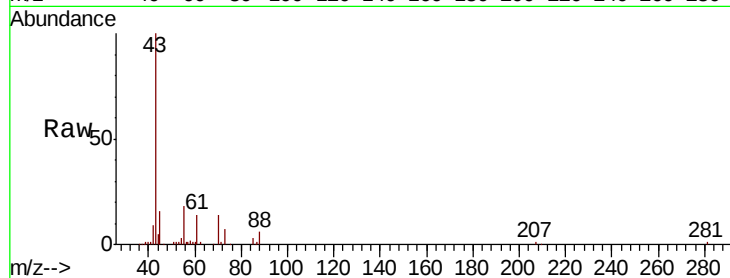




#37
Ethyl Acetate
Concen: 14.596 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

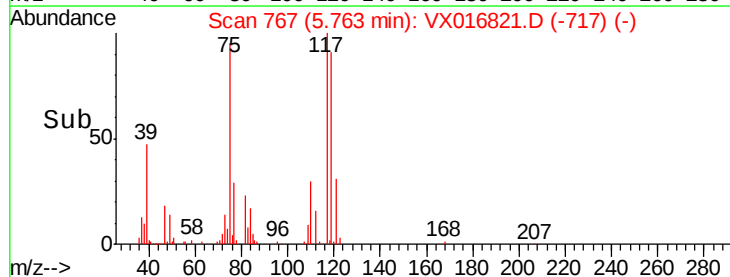
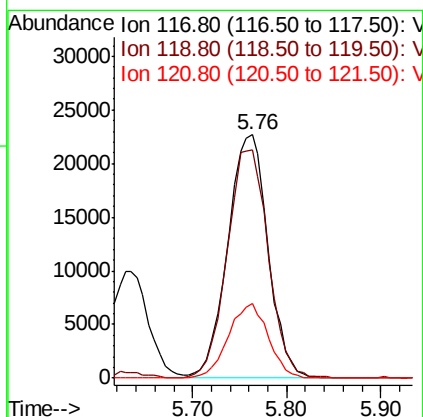
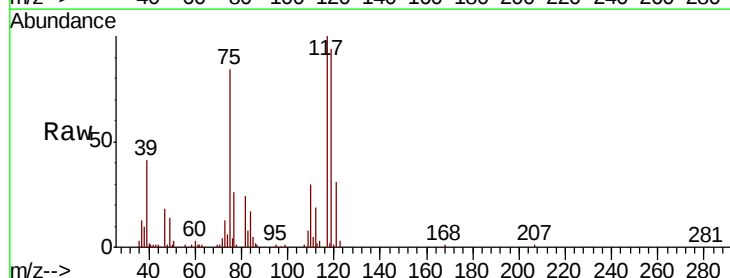
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

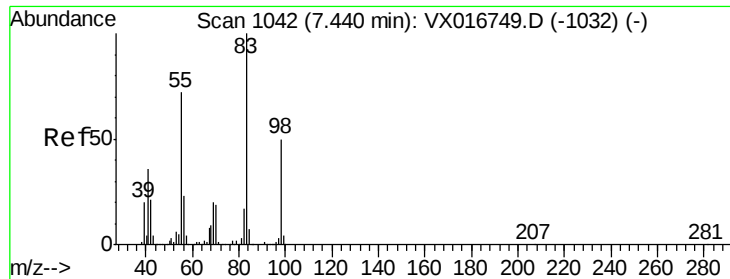
Tot Ion: 43 Resp: 65483
Ion Ratio Lower Upper
43 100
61 15.3 12.4 18.6
70 13.3 10.8 16.2



#38
Carbon Tetrachloride
Concen: 14.535 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 117 Resp: 67626
Ion Ratio Lower Upper
117 100
119 93.9 76.7 115.1
121 30.9 24.7 37.1

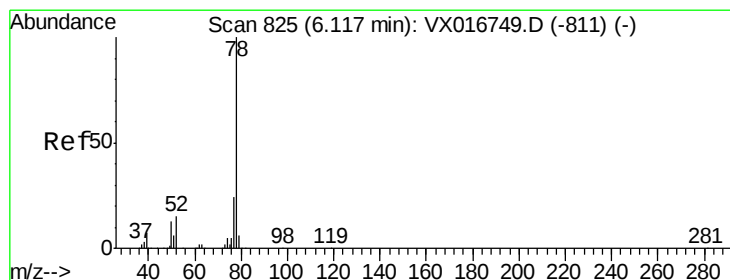
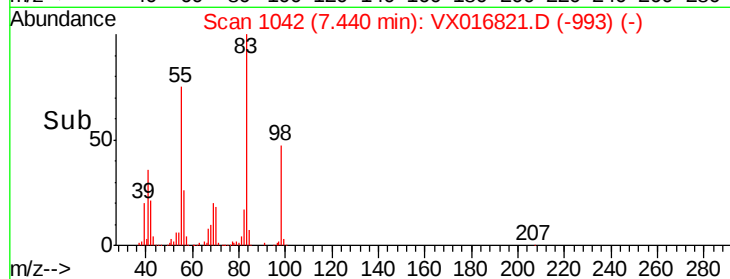
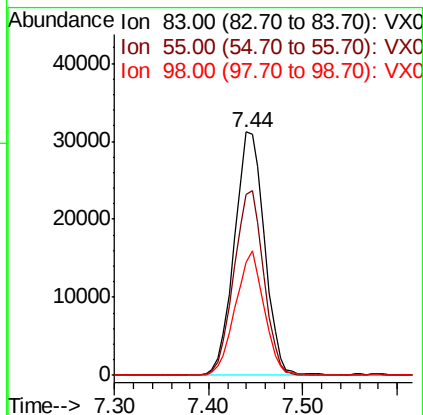
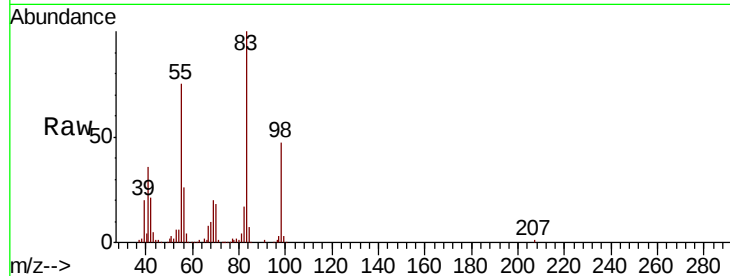




#39
Methvlcvclohexane
Concen: 15.256 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

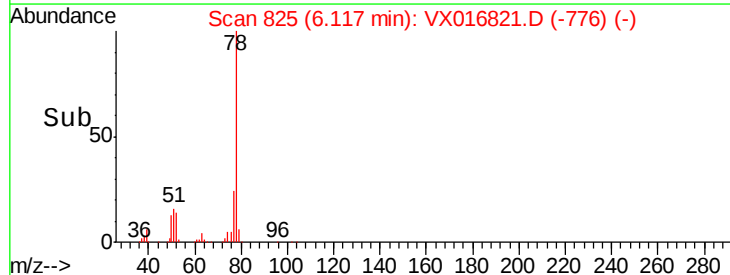
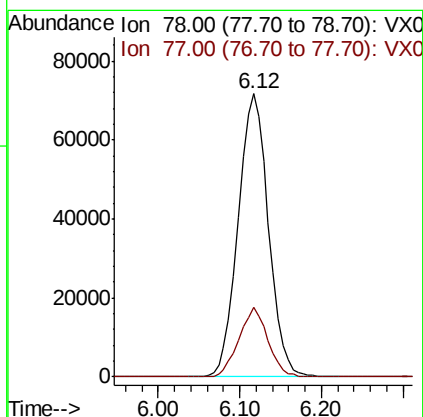
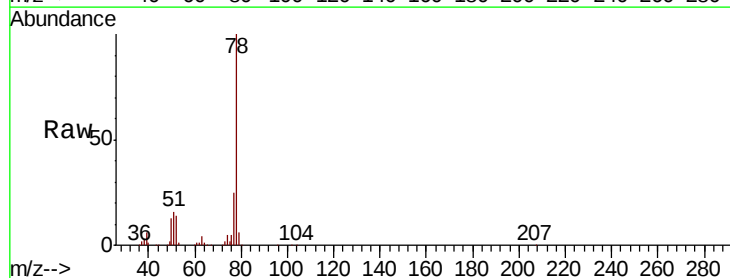
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

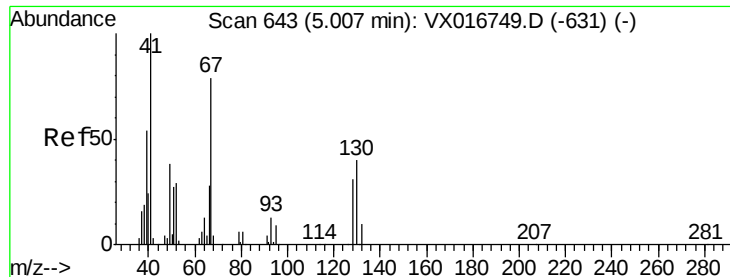
Tot Ion: 83 Resp: 69266
Ion Ratio Lower Upper
83 100
55 74.6 57.3 85.9
98 46.7 40.3 60.5



#40
Benzene
Concen: 14.816 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 78 Resp: 184809
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4

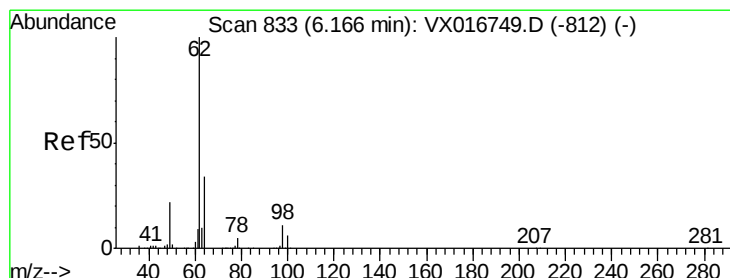
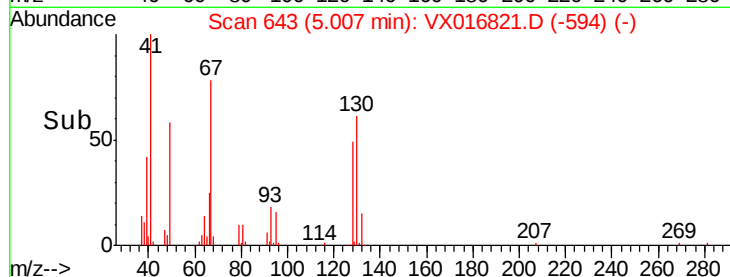
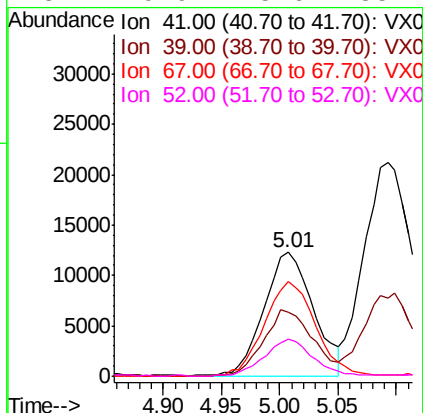
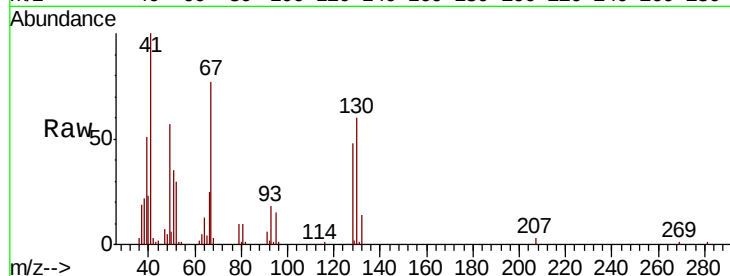




#41
Methacrylonitrile
Concen: 15.209 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

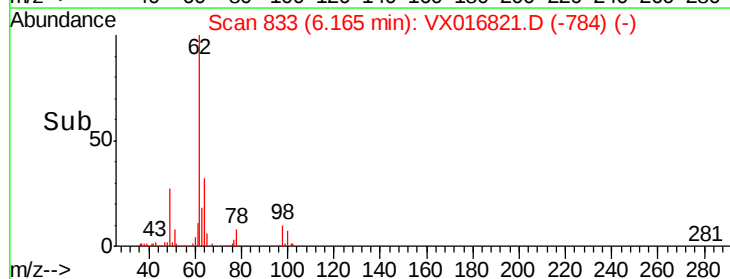
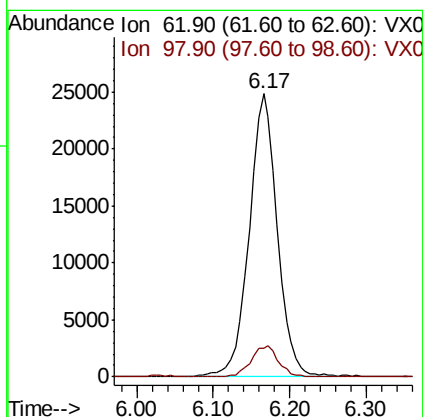
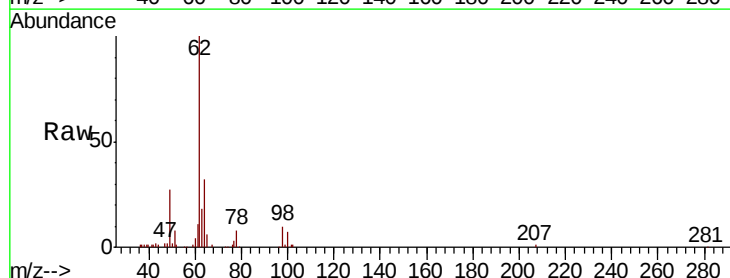
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

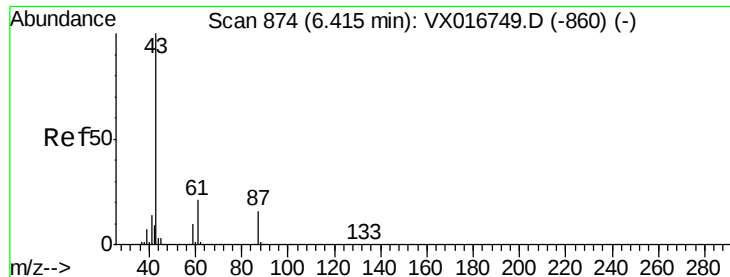
Tot Ion:	41	Resp:	36381
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.7	65.5
67	79.1	64.6	96.8
52	29.9	25.6	38.4



#42
1,2-Dichloroethane
Concen: 13.983 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion:	62	Resp:	63658
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2



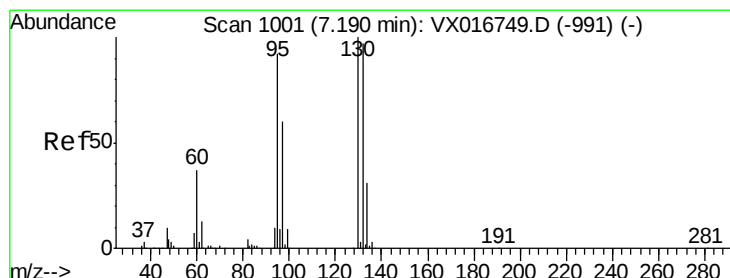
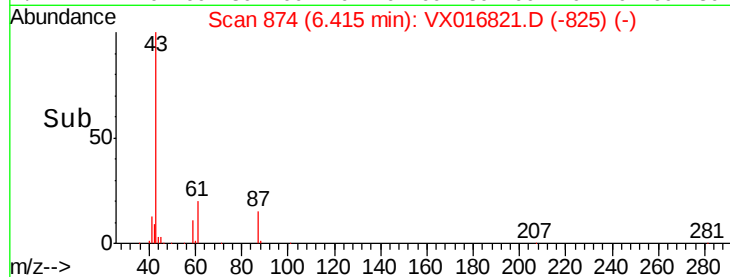
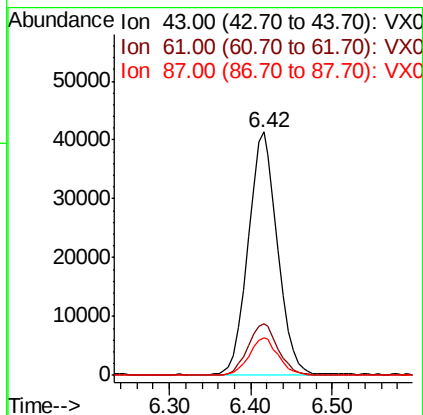
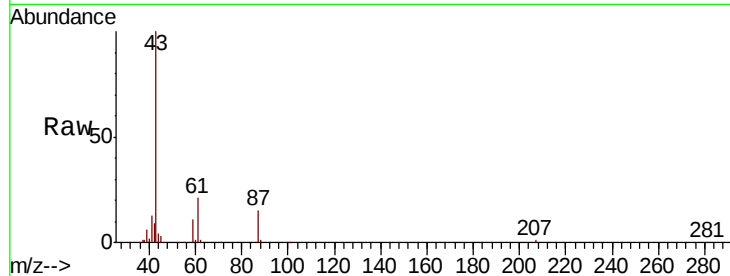


#43

Isopropyl Acetate
 Concen: 14.658 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

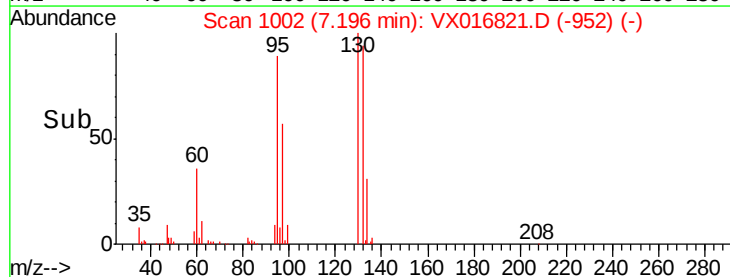
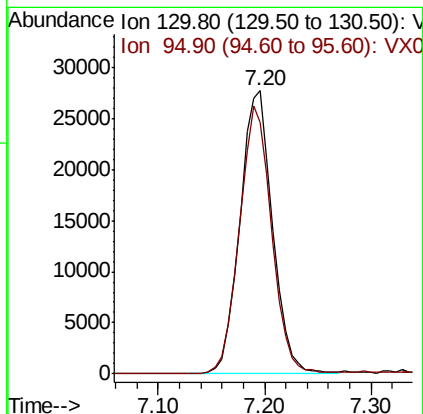
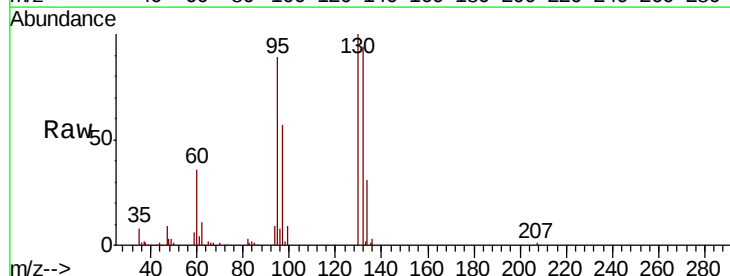
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.7	26.5
87	15.5	12.5	18.7

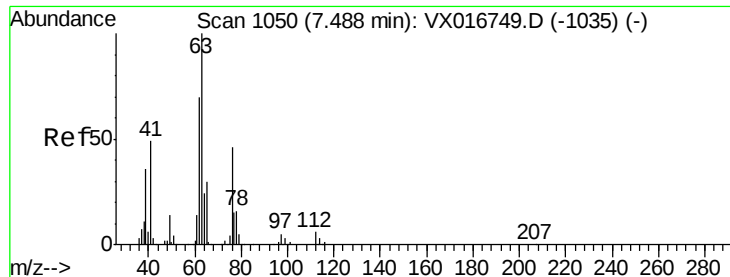


#44

Trichloroethene
 Concen: 15.420 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	183.6





#45

1,2-Dichloropropane

Concen: 14.993 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

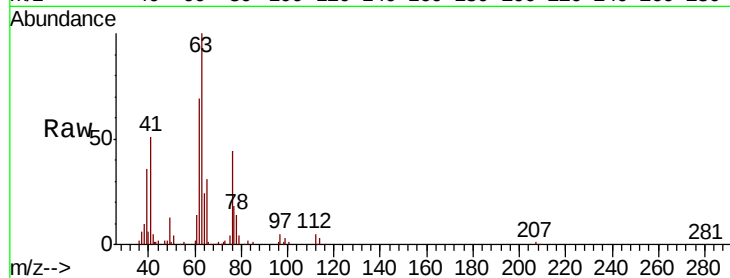
VX0617WBS03

Tot Ion: 63 Resp: 45842

Ion Ratio Lower Upper

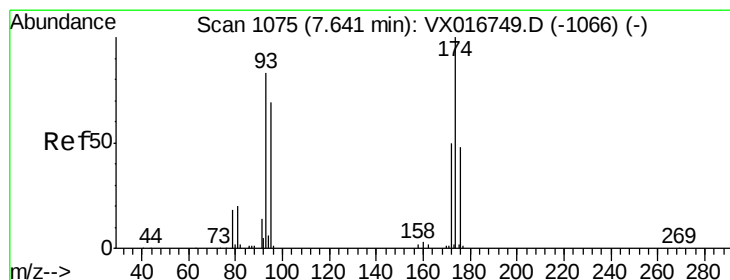
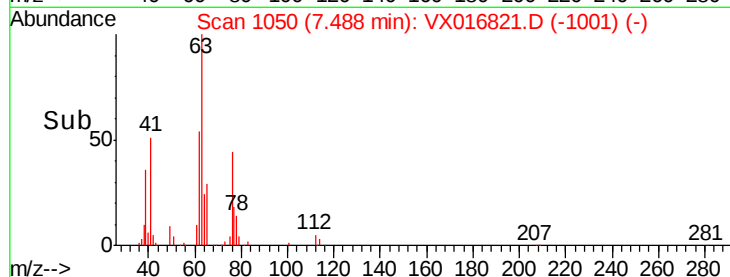
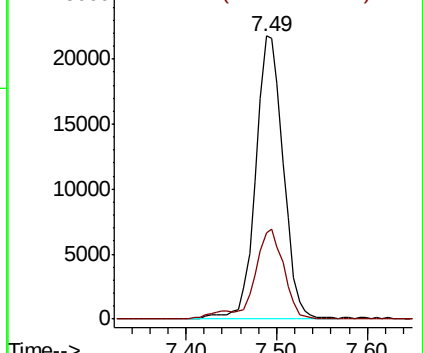
63 100

65 30.7 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 14.598 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

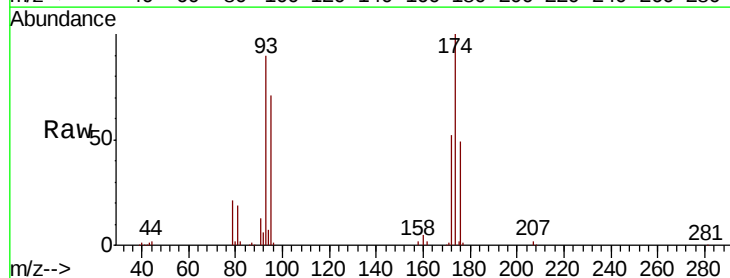
Tgt Ion: 93 Resp: 32533

Ion Ratio Lower Upper

93 100

95 82.0 66.9 100.3

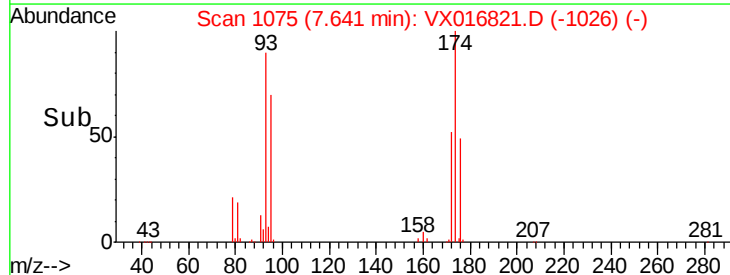
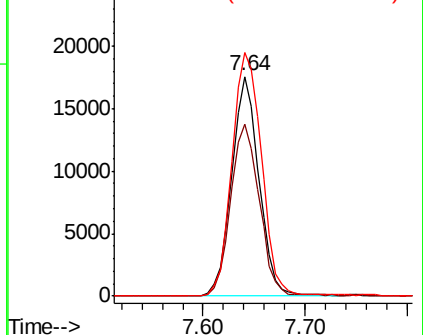
174 119.9 93.8 140.8

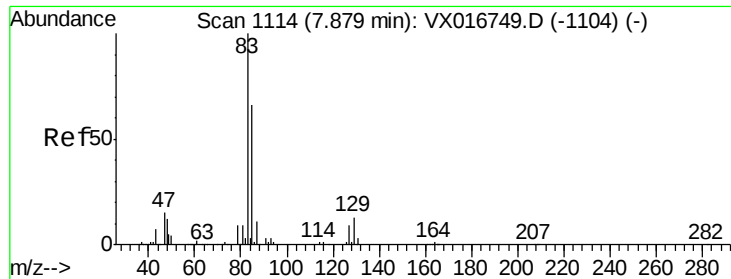


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 13.851 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

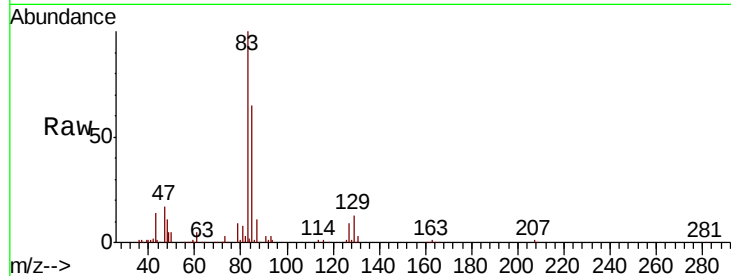
Tot Ion: 83 Resp: 64352

Ion Ratio Lower Upper

83 100

85 65.3 52.5 78.7

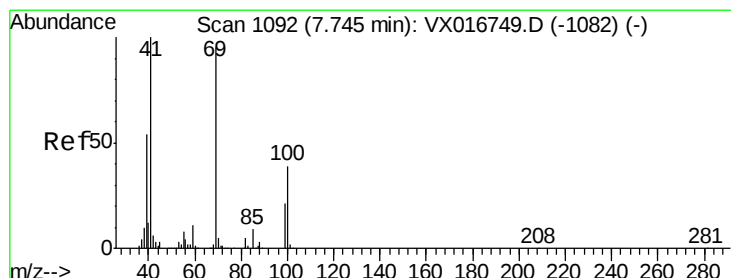
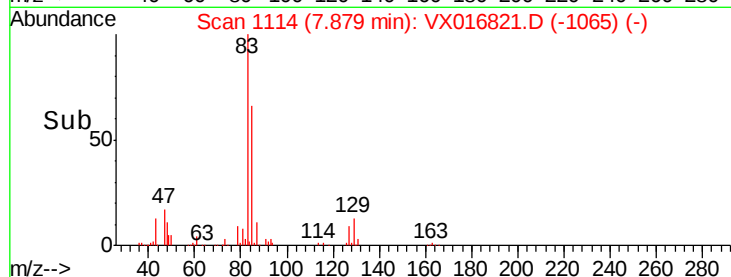
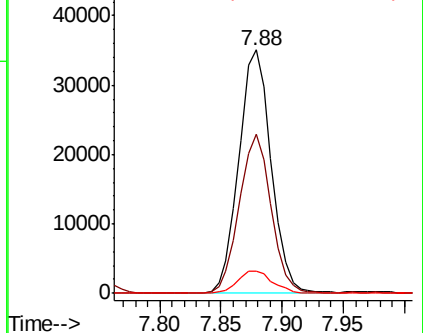
127 9.1 7.5 11.3



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: 14.826 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

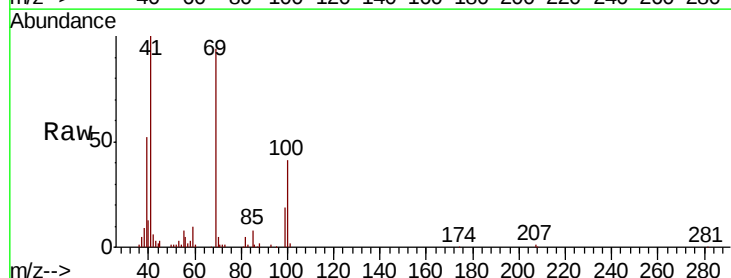
Tgt Ion: 41 Resp: 49409

Ion Ratio Lower Upper

41 100

69 92.4 75.0 112.6

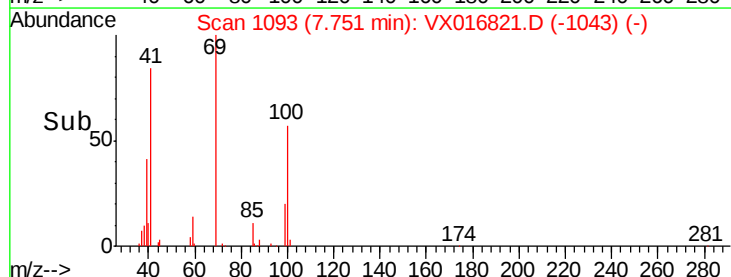
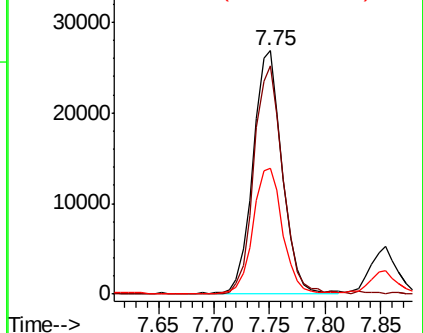
39 52.3 44.3 66.5

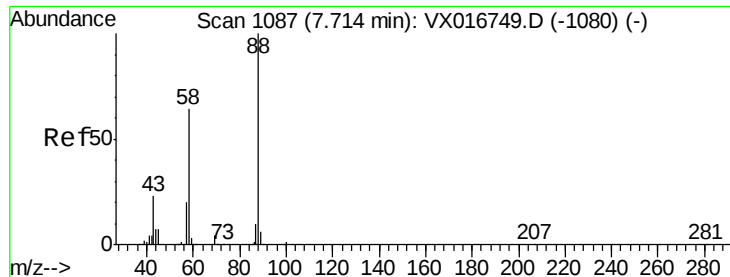


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

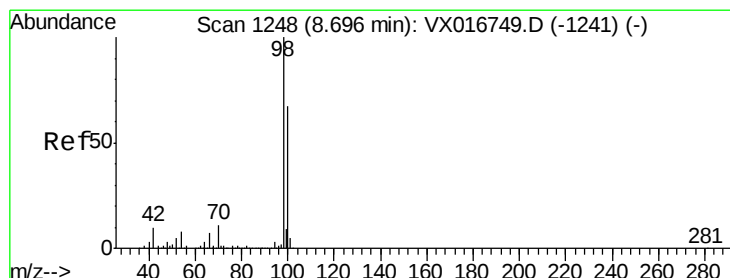
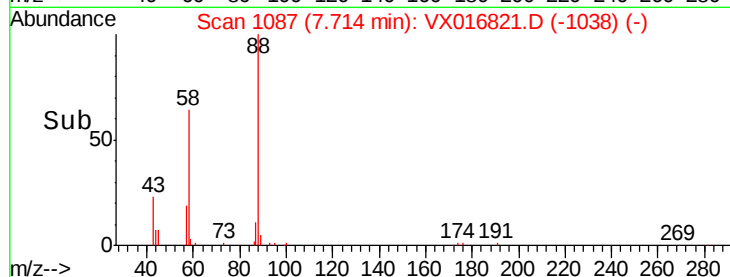
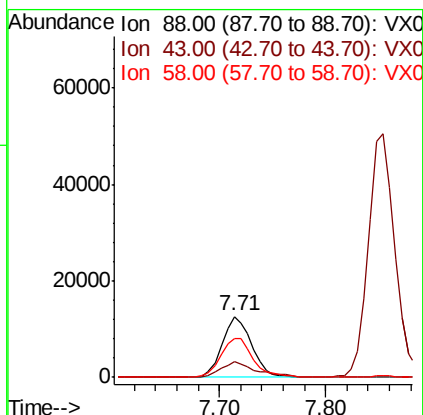
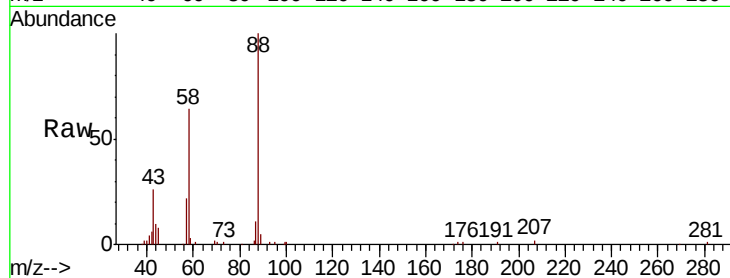




#49
1,4-Dioxane
Concen: 296.265 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

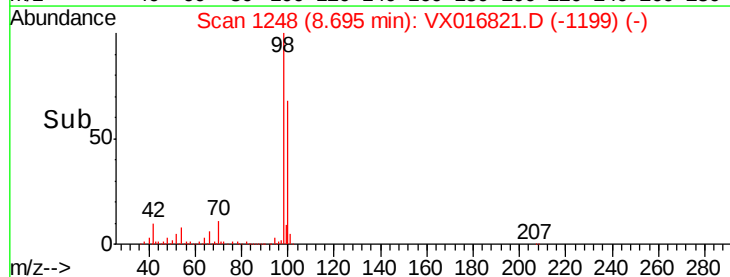
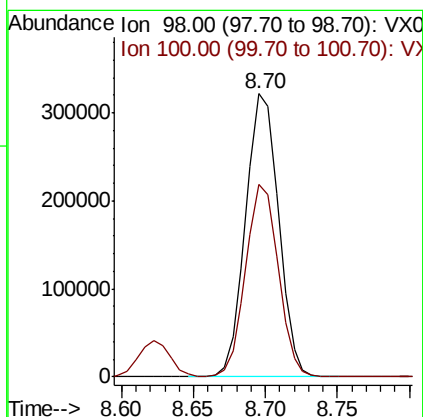
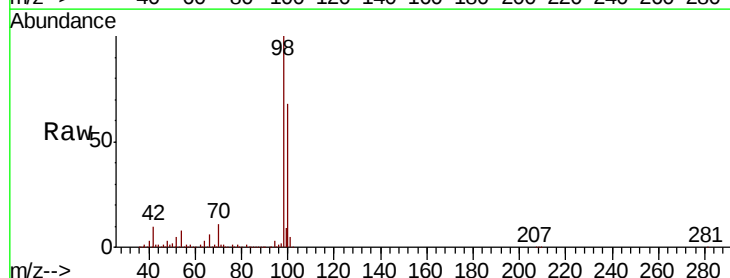
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

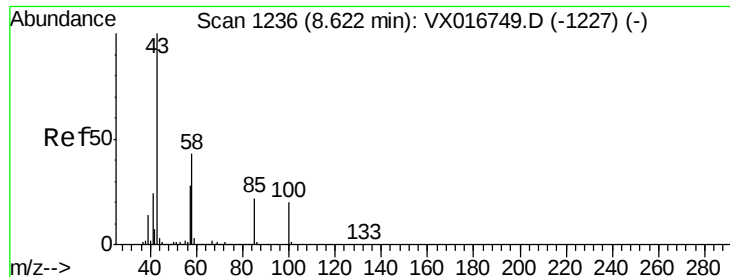
Tot Ion: 88 Resp: 24434
Ion Ratio Lower Upper
88 100
43 29.3 22.9 34.3
58 70.0 53.7 80.5



#50
Toluene-d8
Concen: 48.520 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 98 Resp: 511709
Ion Ratio Lower Upper
98 100
100 67.0 53.9 80.9





#51

4-Methyl-2-Pentanone

Concen: 76.032 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

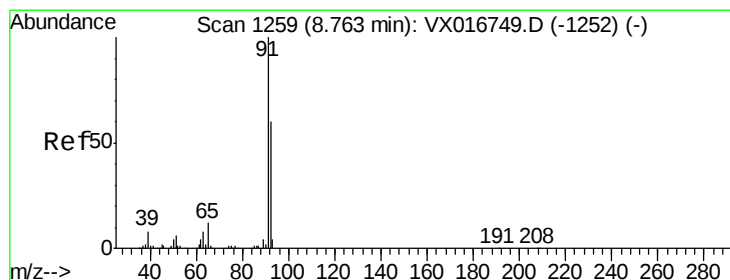
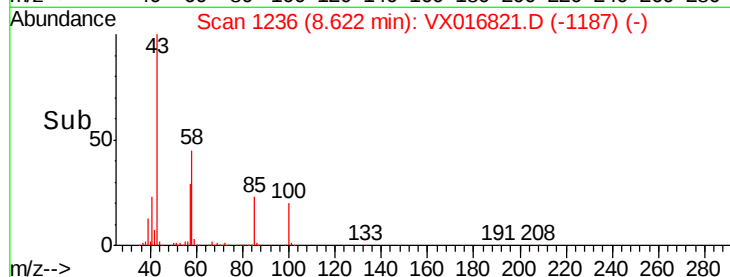
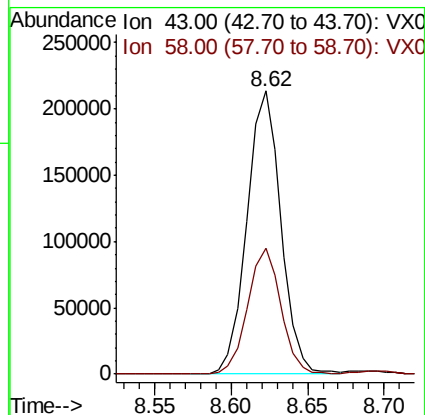
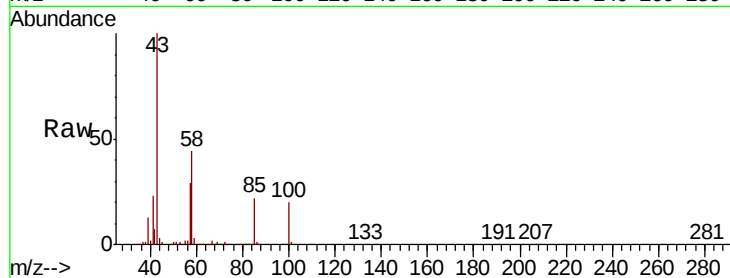
VX0617WBS03

Tot Ion: 43 Resp: 329435

Ion Ratio Lower Upper

43 100

58 43.5 34.6 52.0



#52

Toluene

Concen: 14.767 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016821.D

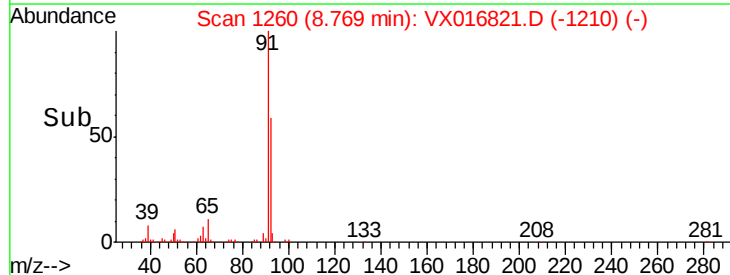
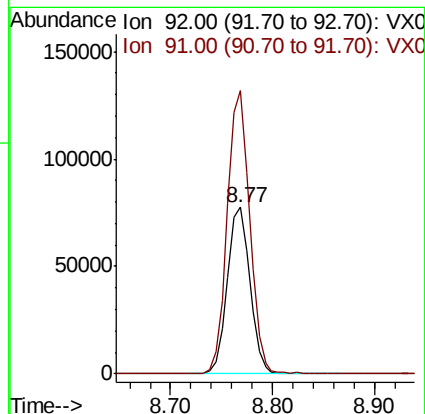
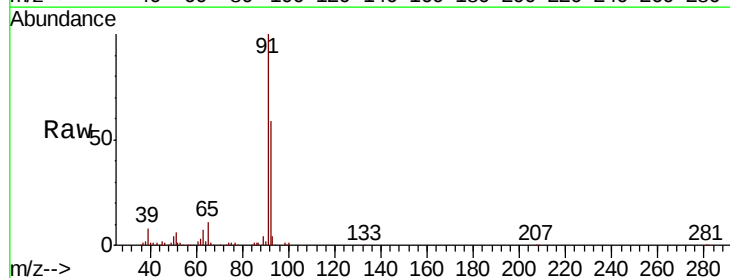
Acq: 17 Jun 2020 16:58

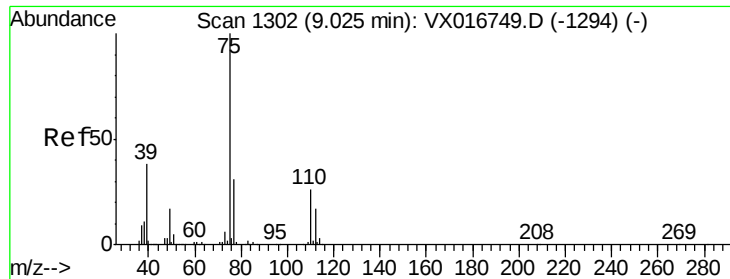
Tgt Ion: 92 Resp: 119645

Ion Ratio Lower Upper

92 100

91 168.3 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 14.133 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

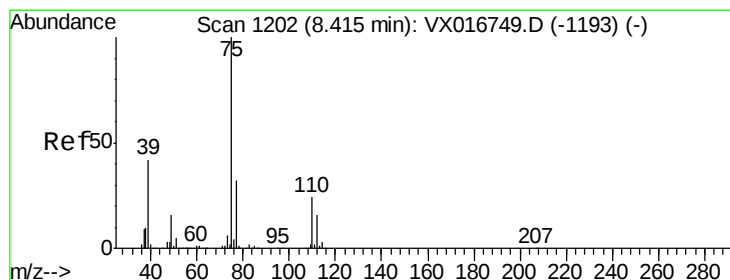
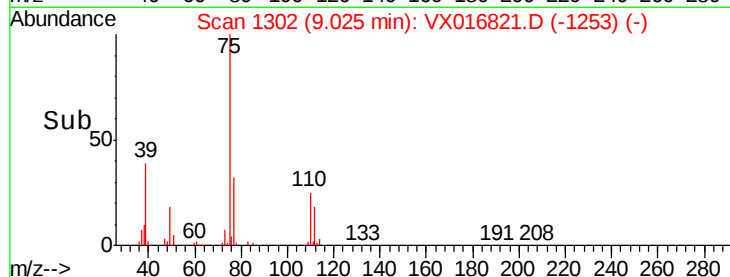
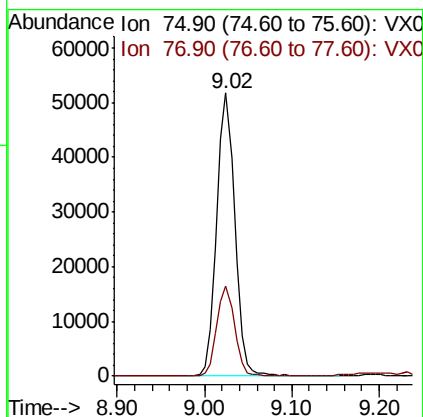
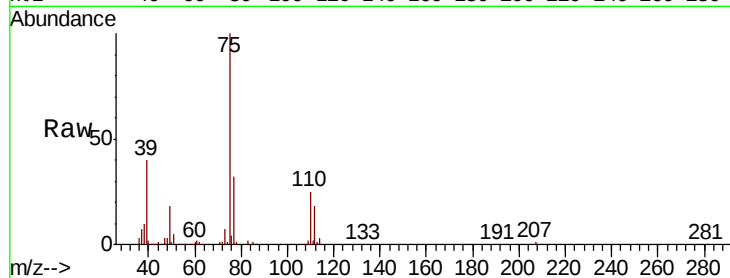
VX0617WBS03

Tot Ion: 75 Resp: 74163

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 14.561 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

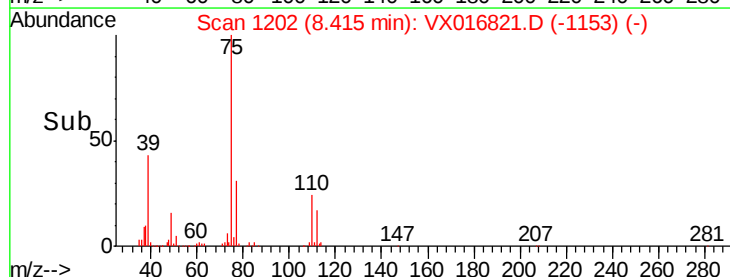
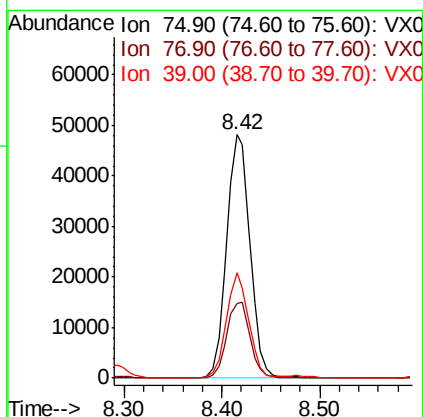
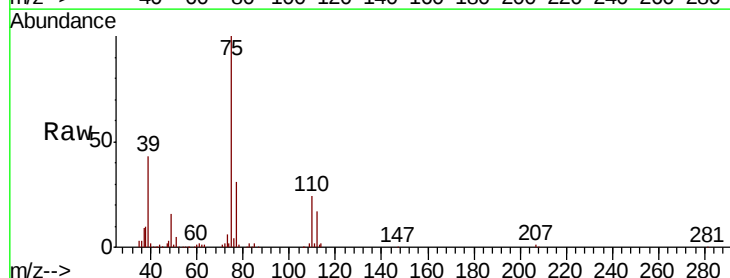
Tgt Ion: 75 Resp: 79702

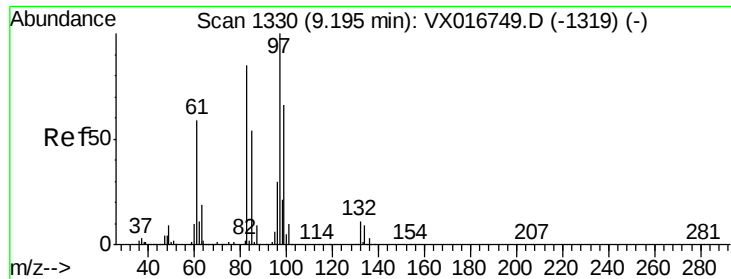
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 43.1 33.7 50.5

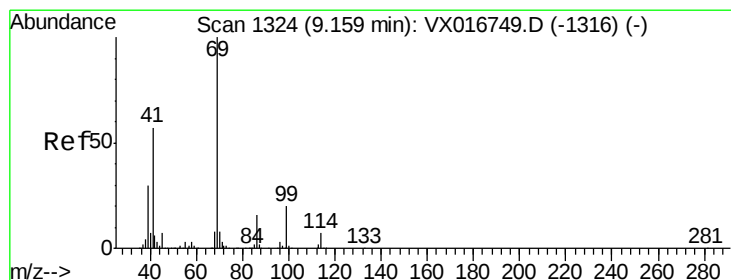
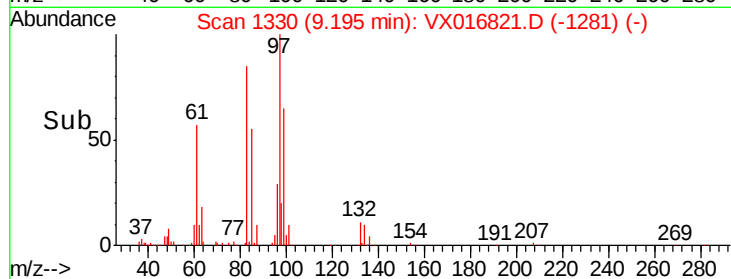
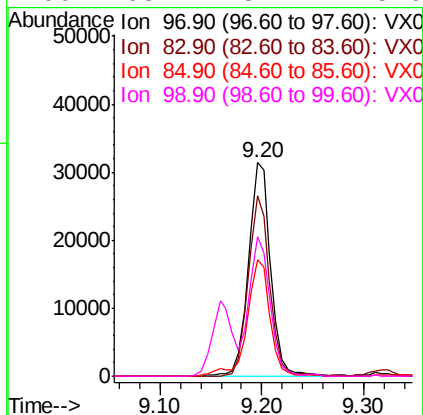
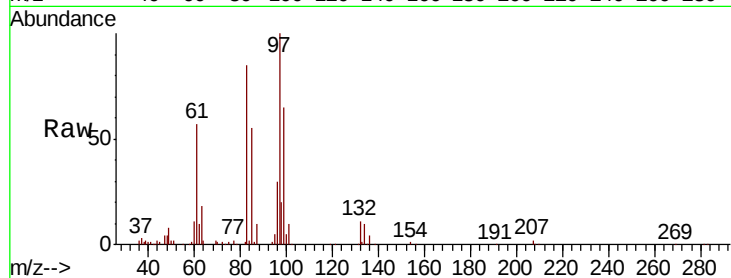




#55
 1,1,2-Trichloroethane
 Concen: 14.683 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

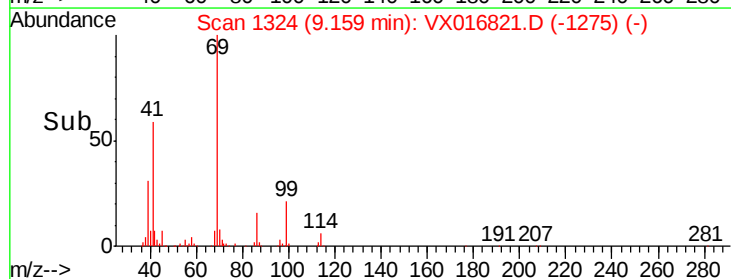
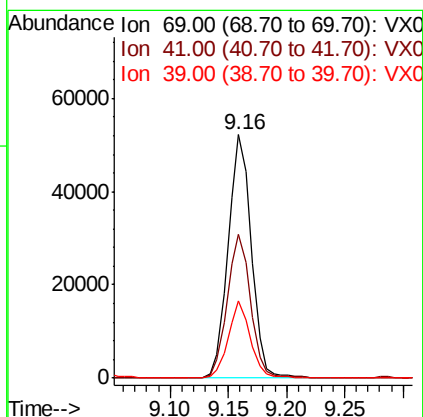
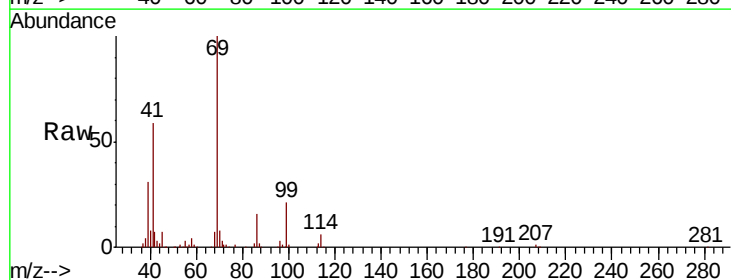
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

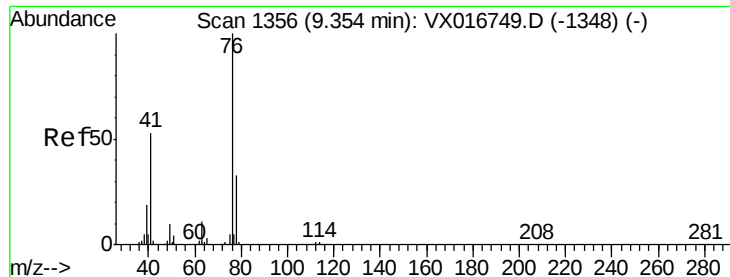
Tot Ion:	97	Resp:	47842
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.3	102.5
85	54.6	43.5	65.3
99	65.1	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 14.854 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion:	69	Resp:	72464
Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.1	70.7
39	30.0	25.0	37.6





#57

1,3-Dichloropropane

Concen: 18.178 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

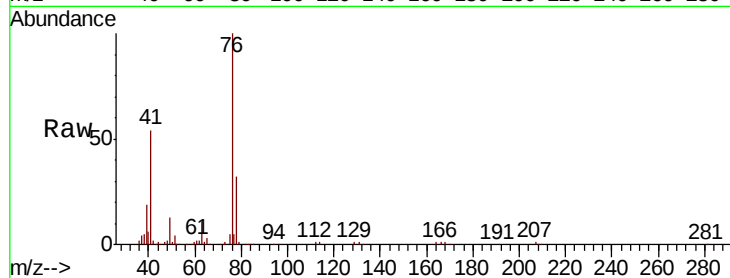
VX0617WBS03

Tot Ion: 76 Resp: 99564

Ion Ratio Lower Upper

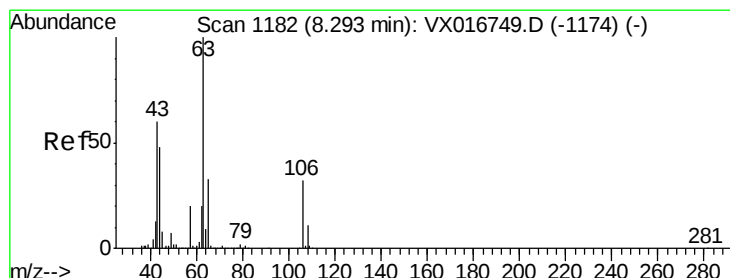
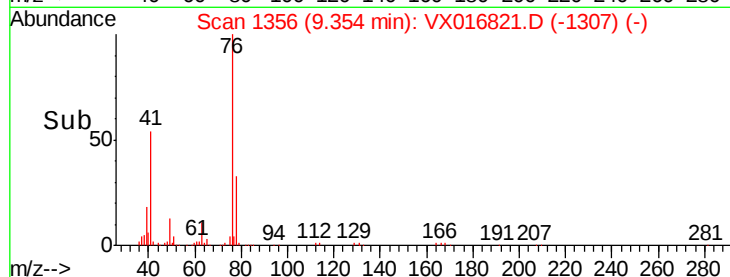
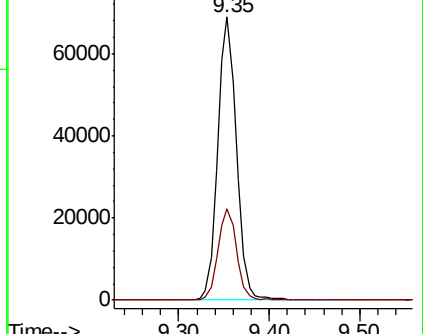
76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 91.055 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016821.D

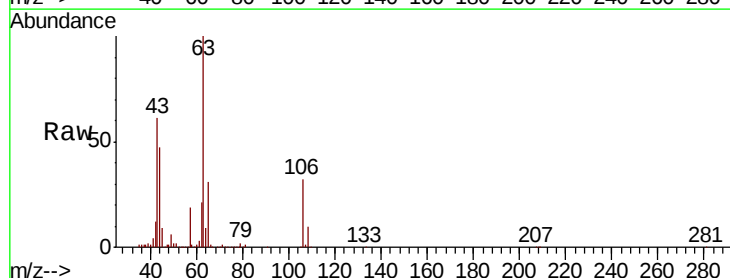
Acq: 17 Jun 2020 16:58

Tgt Ion: 63 Resp: 218411

Ion Ratio Lower Upper

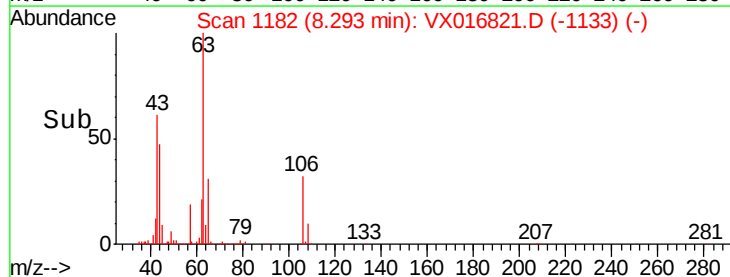
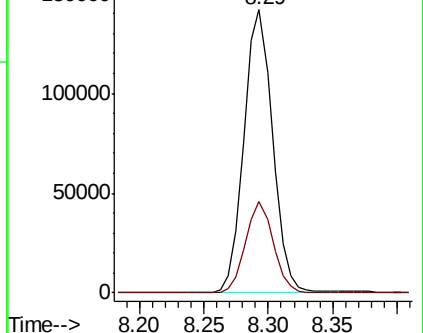
63 100

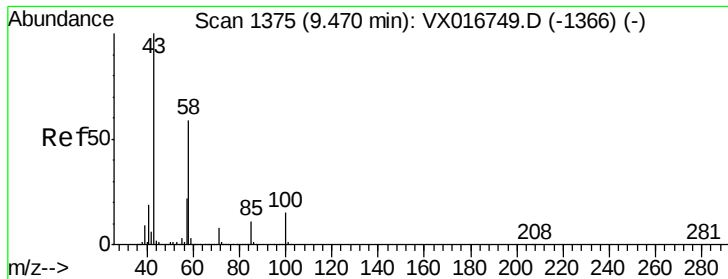
106 31.3 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

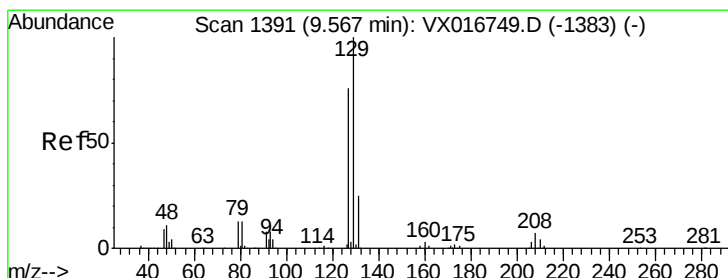
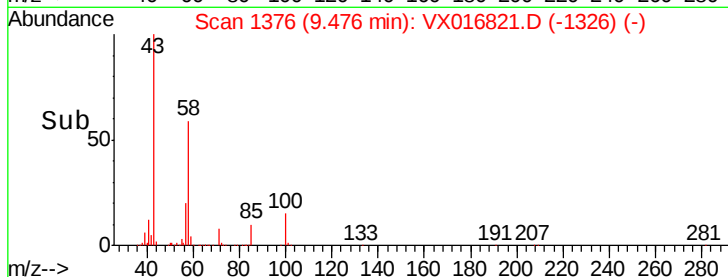
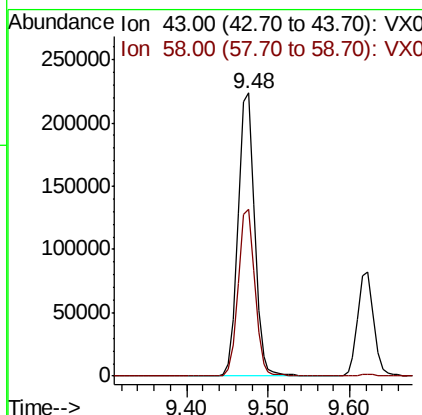
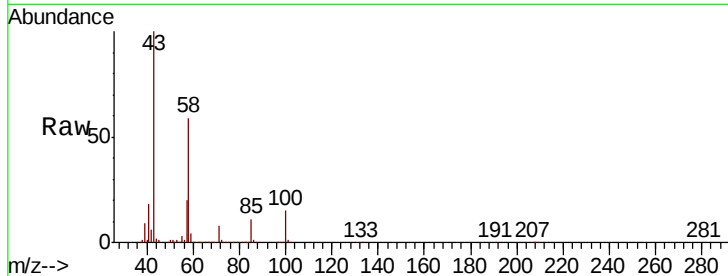




#59
2-Hexanone
Concen: 92.725 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

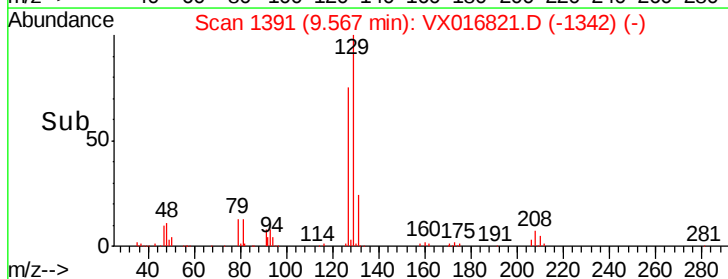
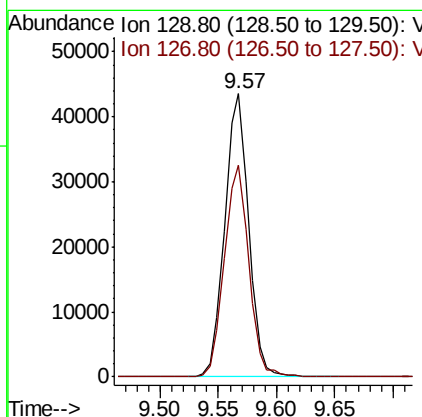
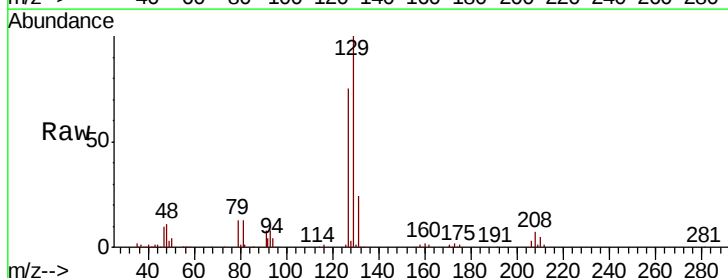
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

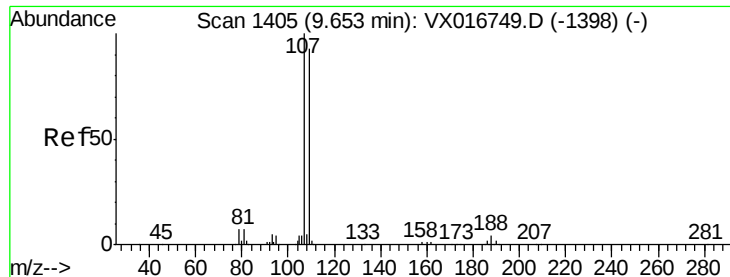
Tot Ion: 43 Resp: 310147
Ion Ratio Lower Upper
43 100
58 59.0 29.9 89.8



#60
Dibromochloromethane
Concen: 16.131 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 129 Resp: 62117
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 16.644 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

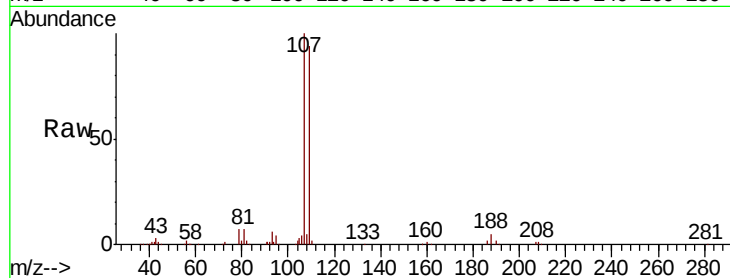
VX0617WBS03

Tot Ion:107 Resp: 59103

Ion Ratio Lower Upper

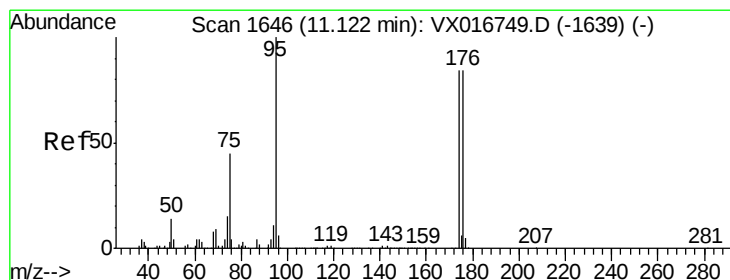
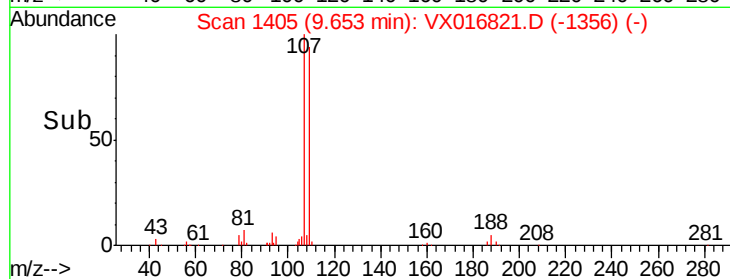
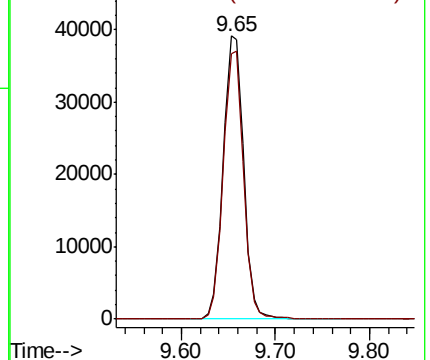
107 100

109 94.1 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.575 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

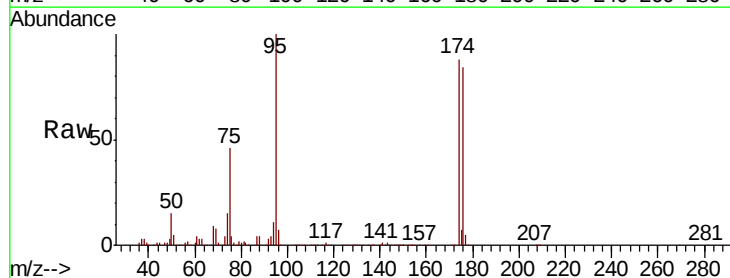
Tgt Ion: 95 Resp: 204016

Ion Ratio Lower Upper

95 100

174 87.6 0.0 171.0

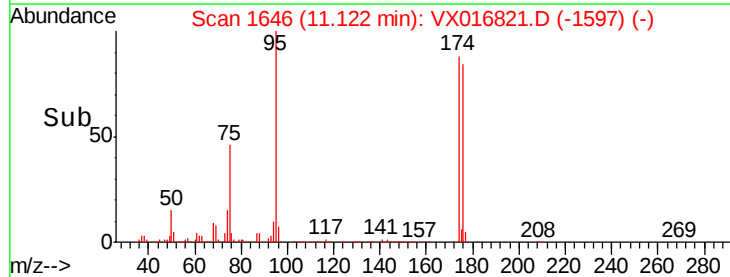
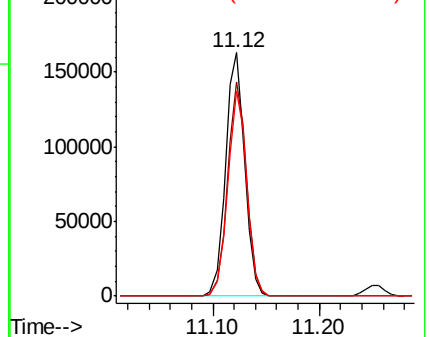
176 83.8 0.0 166.2

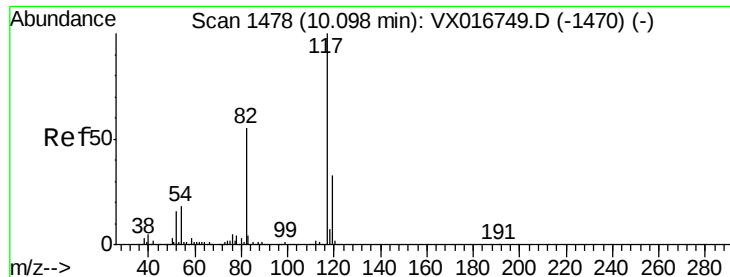


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

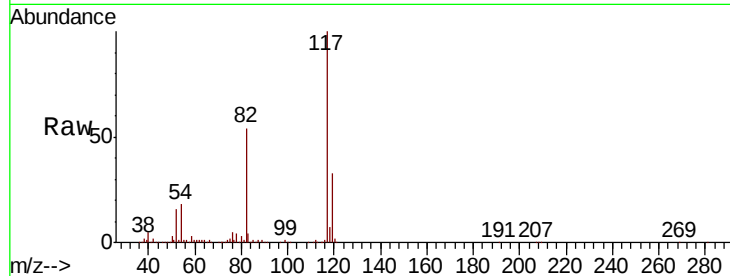




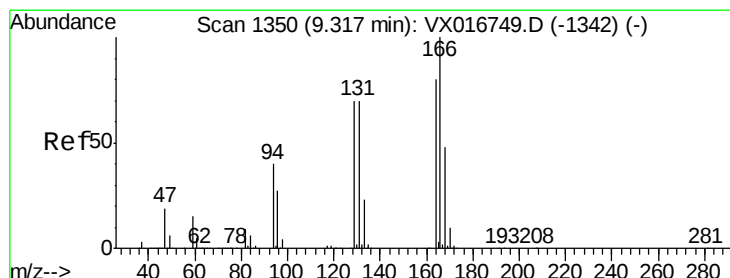
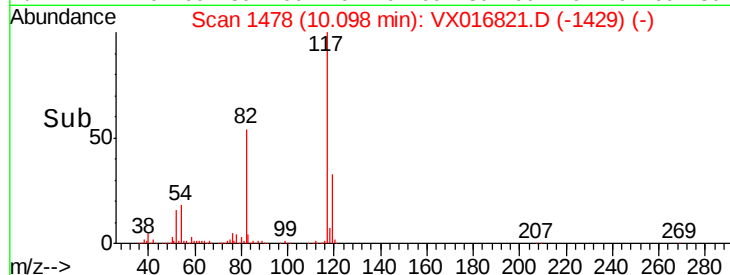
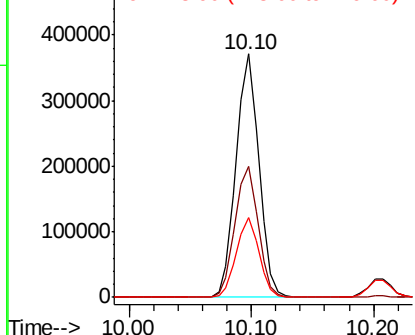
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion:117 Resp: 479312
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.6
119 32.7 26.2 39.4



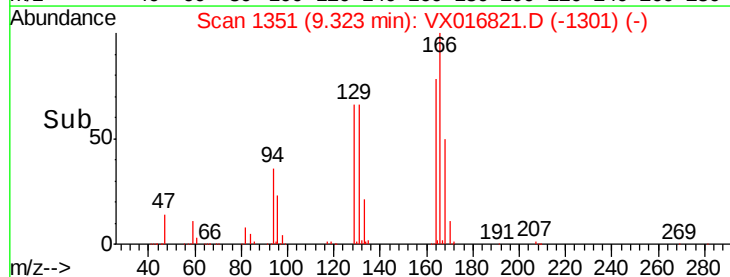
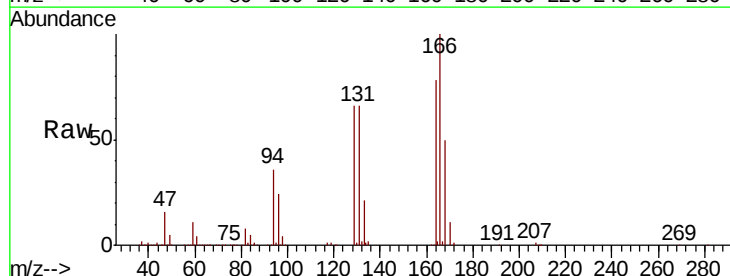
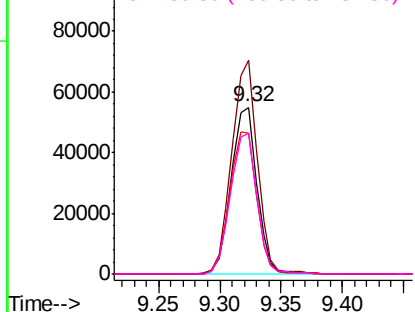
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

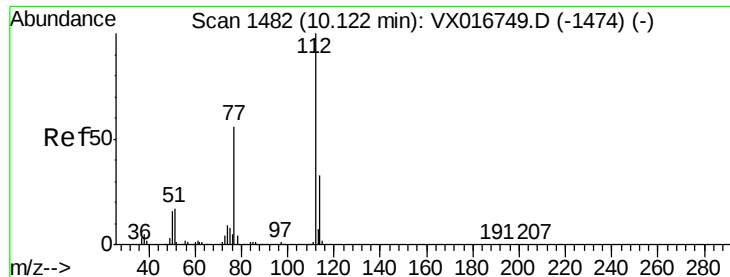


#64
Tetrachloroethene
Concen: 17.454 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion:164 Resp: 80333
Ion Ratio Lower Upper
164 100
166 127.9 100.6 150.8
129 84.7 70.1 105.1
131 84.2 70.8 106.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

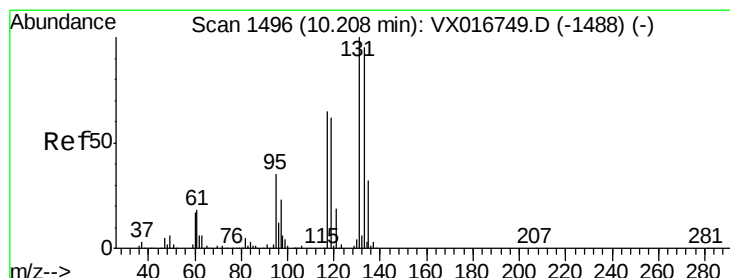
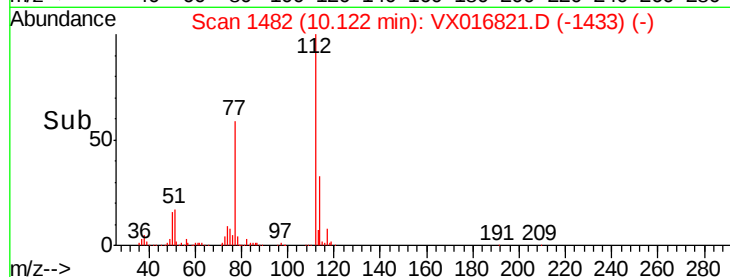
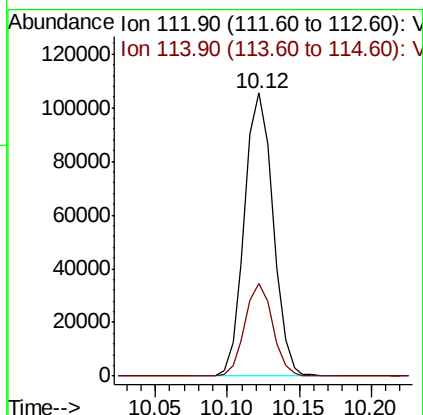
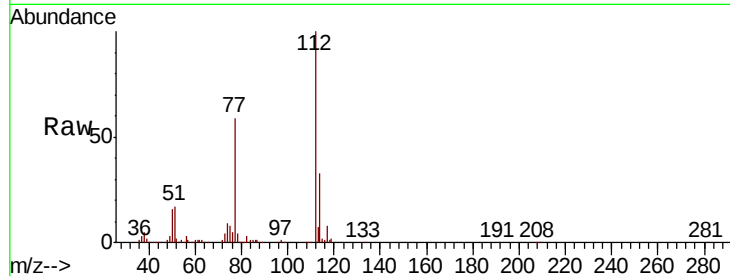




#65
Chlorobenzene
Concen: 14.943 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

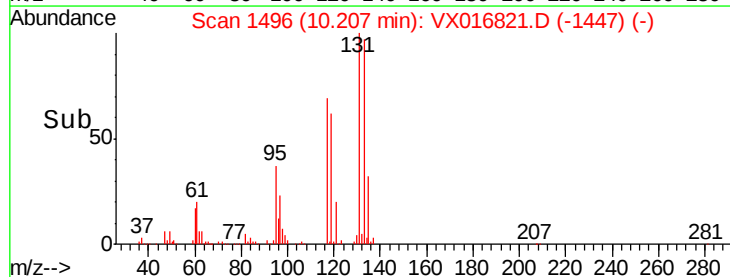
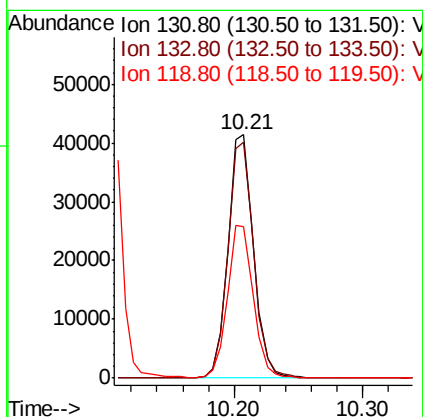
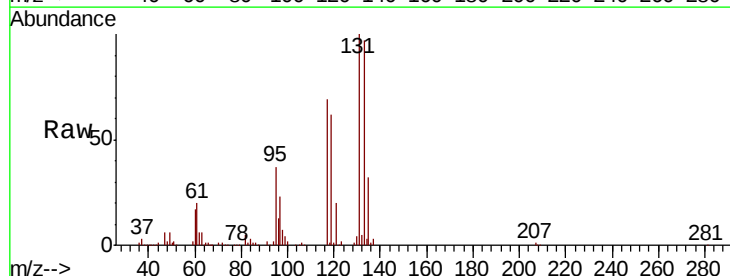
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

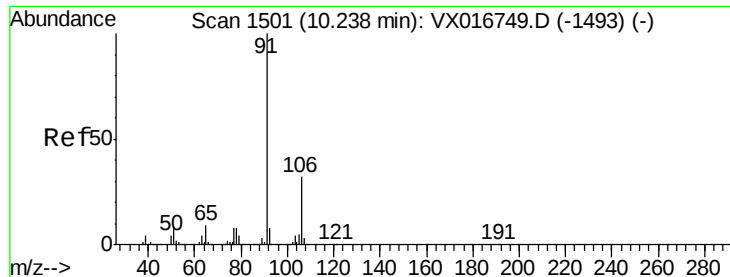
Tot Ion:112 Resp: 145336
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 14.795 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion:131 Resp: 57403
Ion Ratio Lower Upper
131 100
133 98.5 46.8 140.3
119 64.0 31.4 94.0

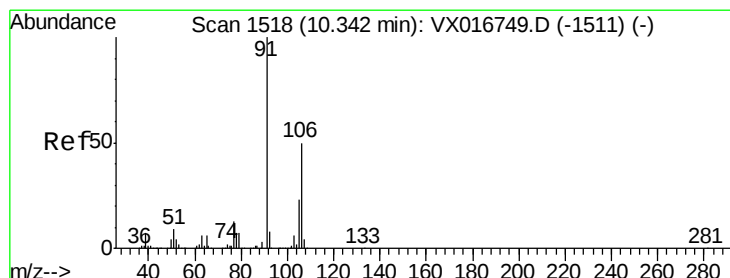
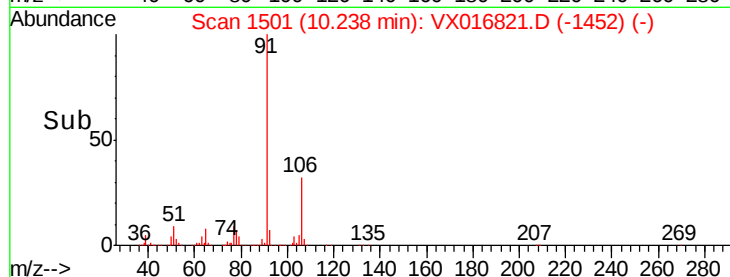
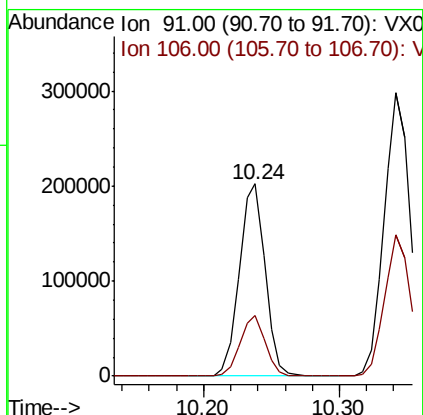
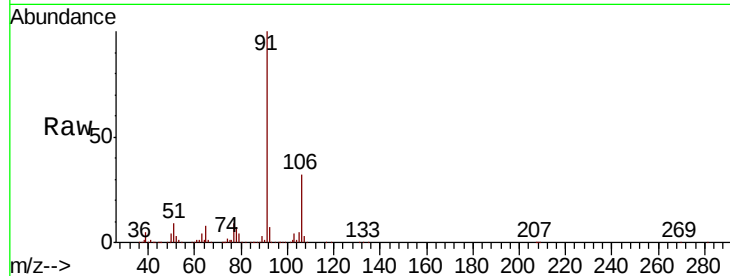




#67
Ethyl Benzene
Concen: 16.252 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

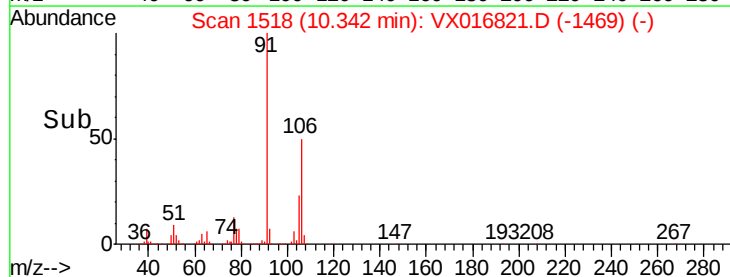
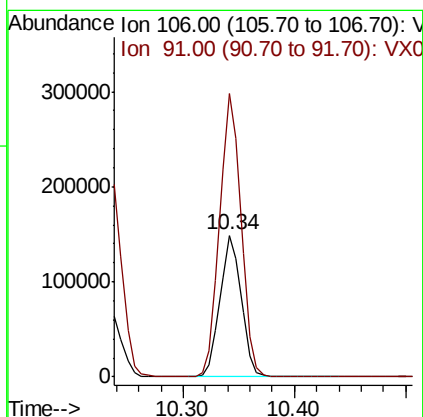
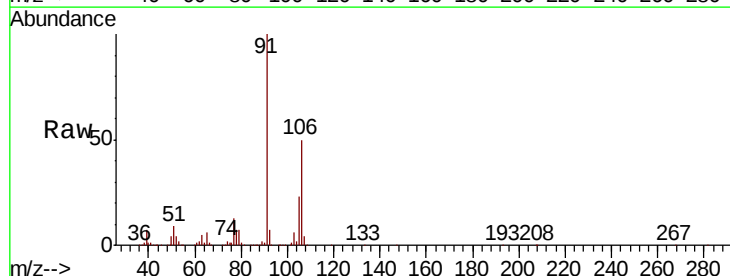
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

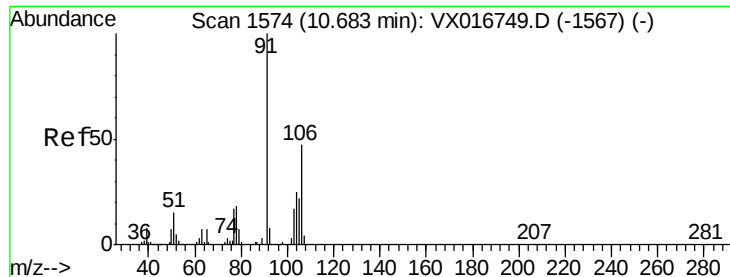
Tot Ion: 91 Resp: 267205
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 31.657 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 106 Resp: 197350
Ion Ratio Lower Upper
106 100
91 202.1 161.2 241.8

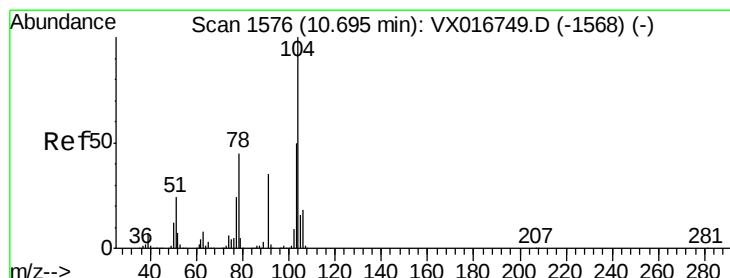
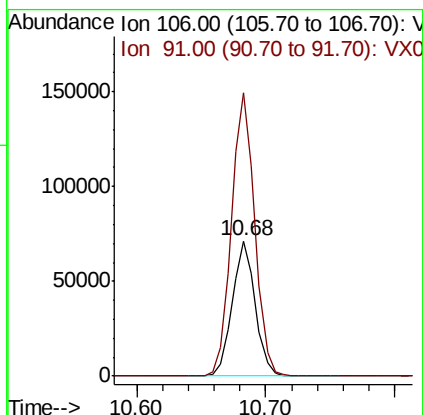
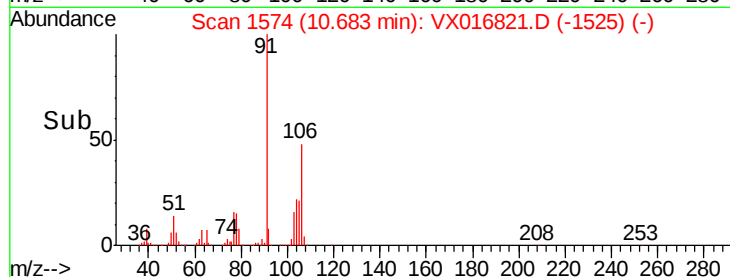
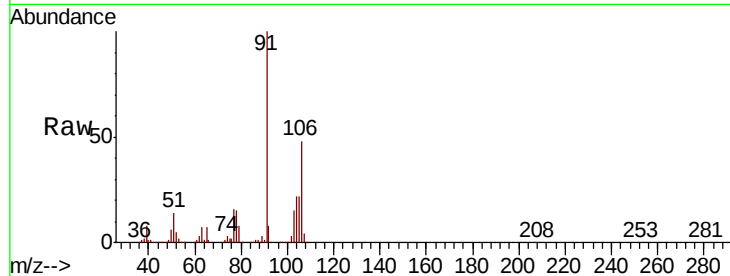




#69
o-Xylene
Concen: 14.683 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

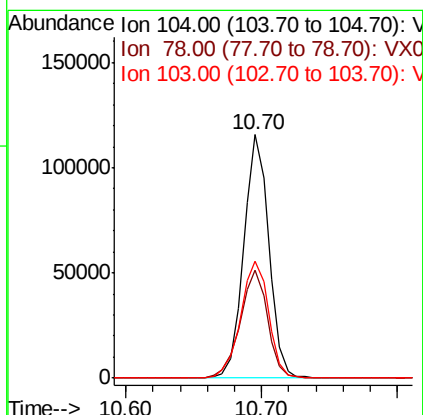
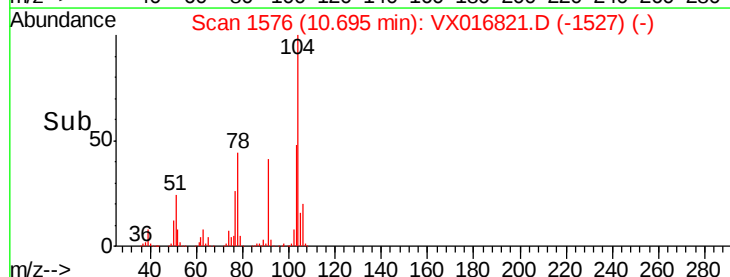
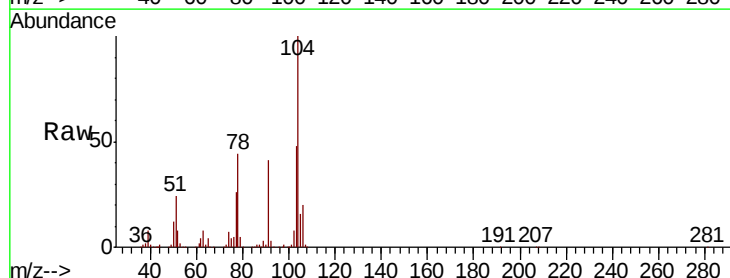
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

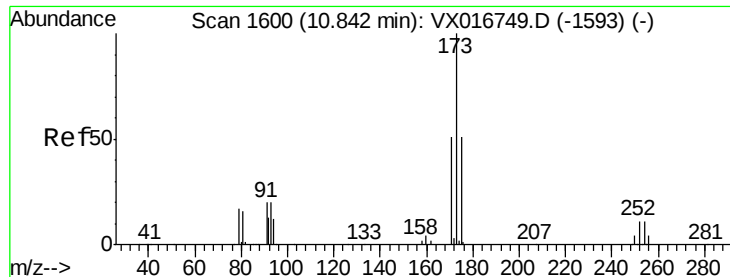
Tot Ion:106 Resp: 88183
Ion Ratio Lower Upper
106 100
91 213.6 106.9 320.8



#70
Styrene
Concen: 14.369 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion:104 Resp: 149184
Ion Ratio Lower Upper
104 100
78 48.4 39.8 59.8
103 53.6 43.4 65.2





#71

Bromoform

Concen: 13.676 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

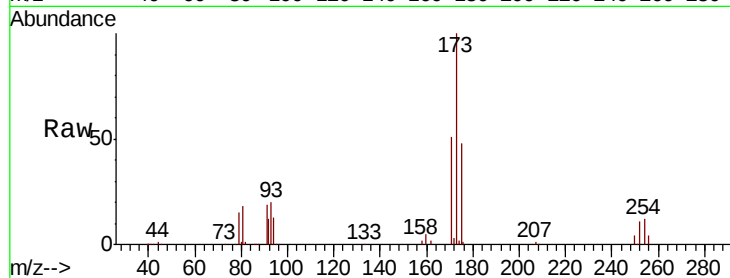
Tot Ion:173 Resp: 45274

Ion Ratio Lower Upper

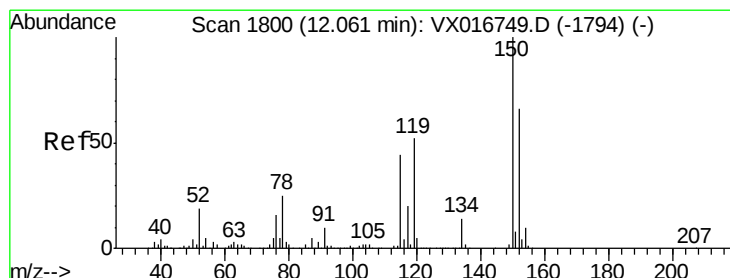
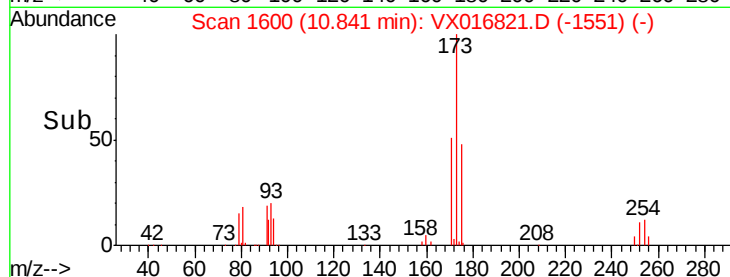
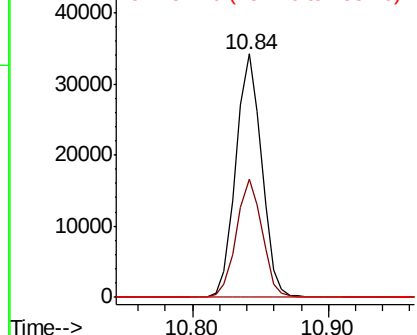
173 100

175 48.5 25.1 75.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

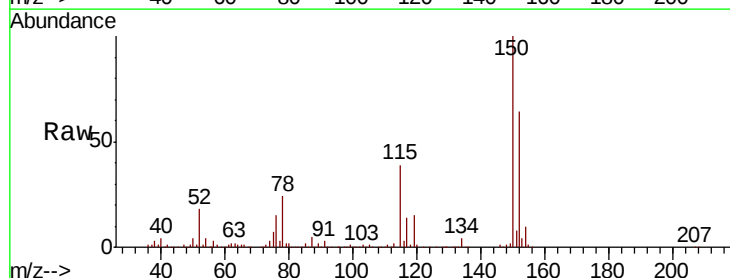
Tgt Ion:152 Resp: 221353

Ion Ratio Lower Upper

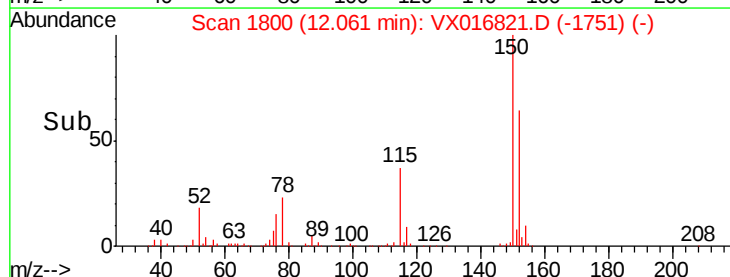
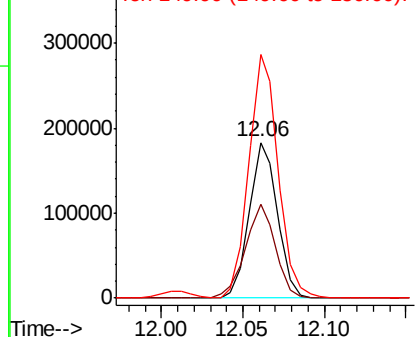
152 100

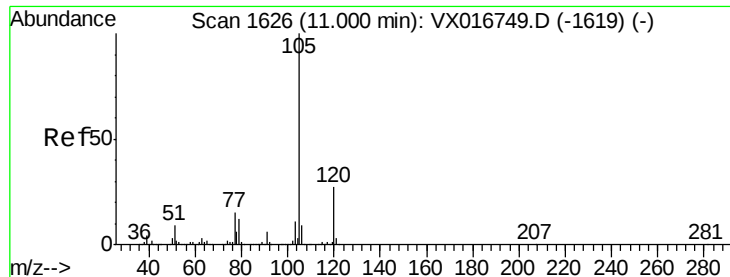
115 63.9 40.3 120.8

150 162.1 0.0 337.4



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





#73

Isopropylbenzene

Concen: 15.889 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

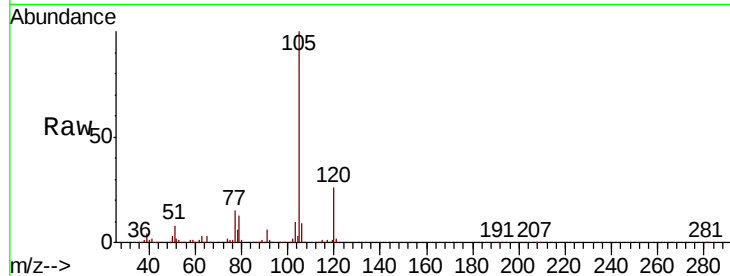
VX0617WBS03

Tot Ion:105 Resp: 230782

Ion Ratio Lower Upper

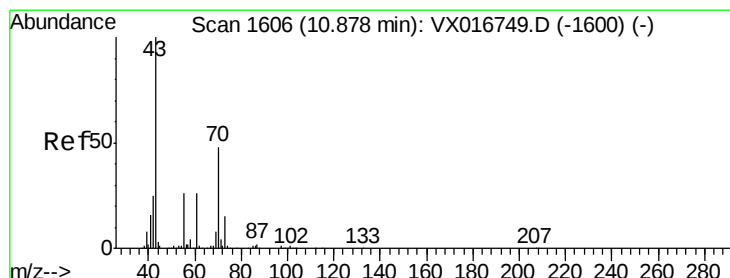
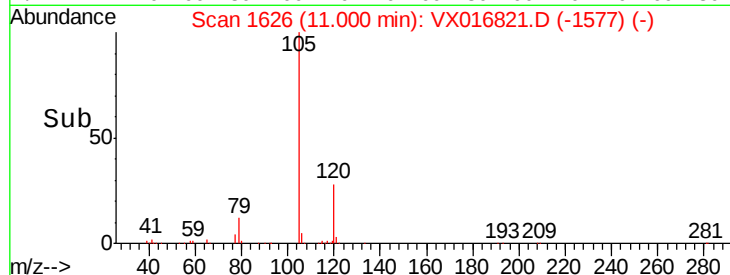
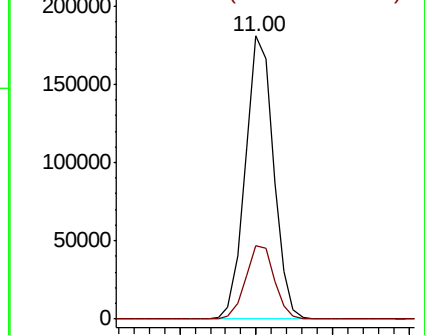
105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.146 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion: 43 Resp: 91147

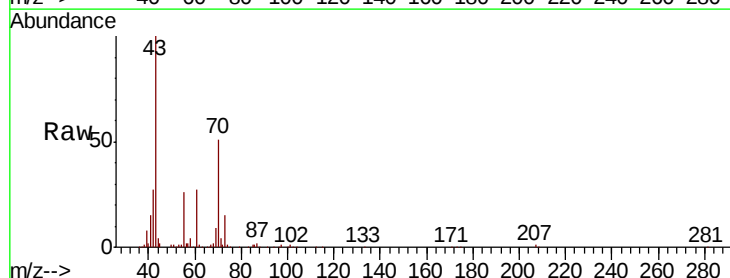
Ion Ratio Lower Upper

43 100

70 49.9 39.8 59.6

55 26.6 21.7 32.5

61 26.9 21.6 32.4

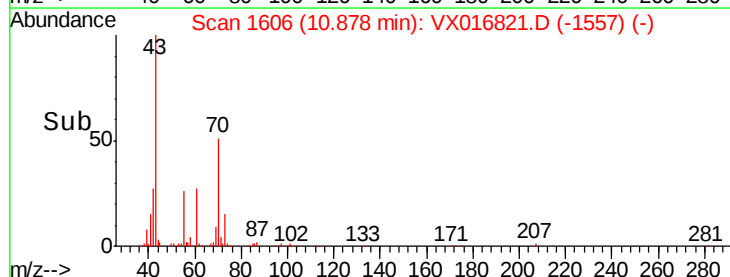
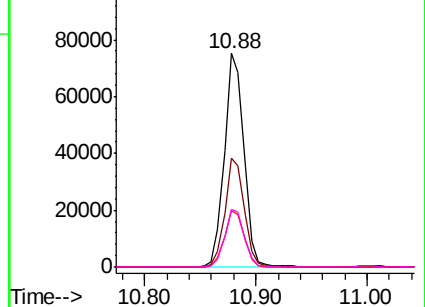


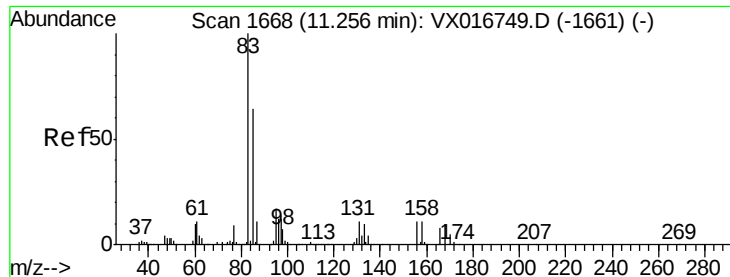
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 14.545 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

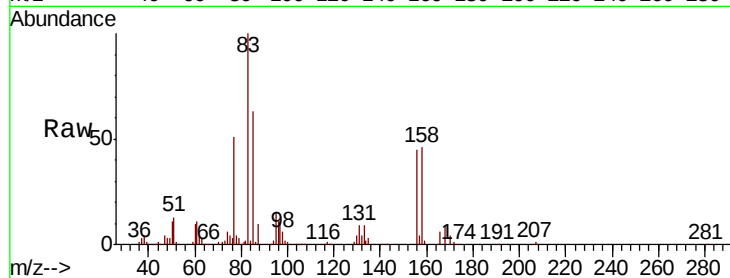
Tot Ion: 83 Resp: 62145

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

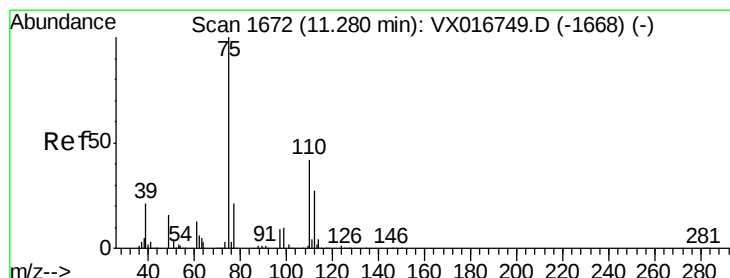
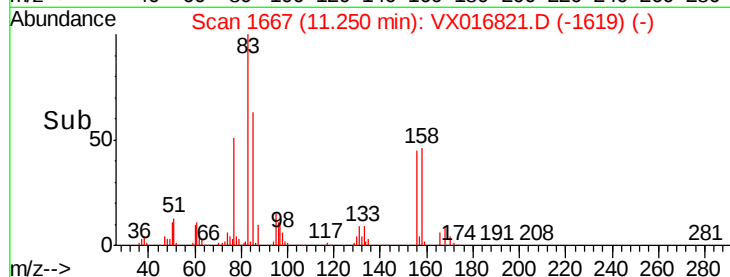
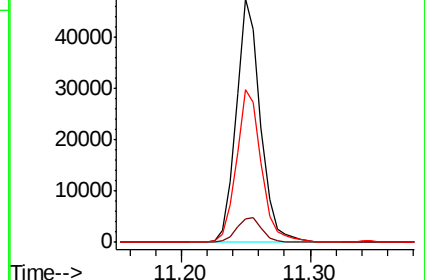
85 64.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.268 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016821.D

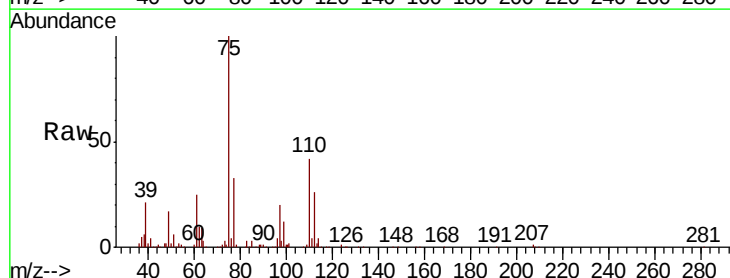
Acq: 17 Jun 2020 16:58

Tgt Ion: 75 Resp: 94345

Ion Ratio Lower Upper

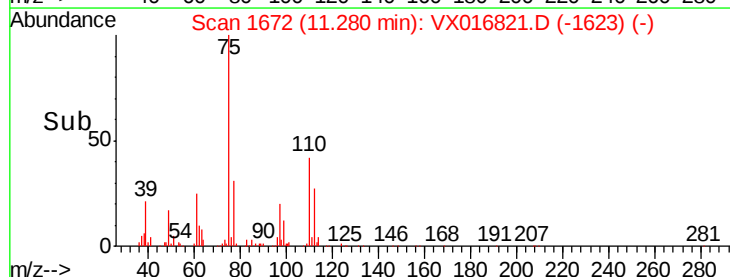
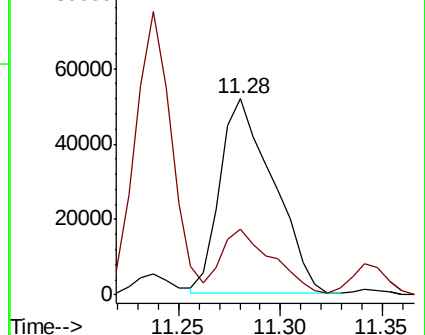
75 100

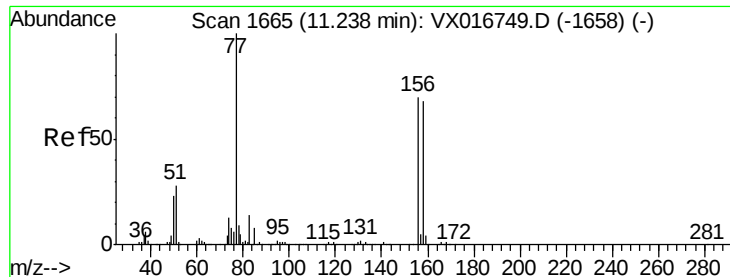
77 32.4 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 15.406 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

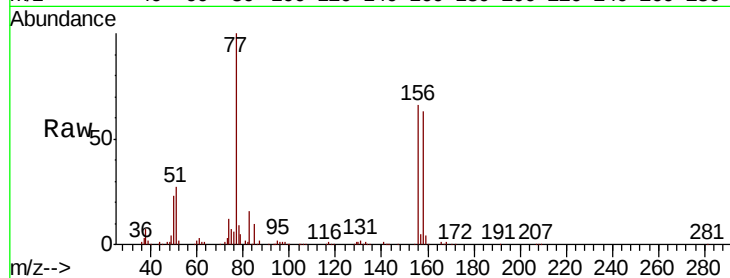
Tot Ion:156 Resp: 63181

Ion Ratio Lower Upper

156 100

77 147.5 73.2 219.6

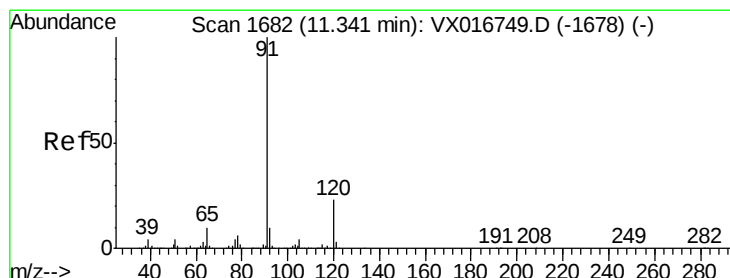
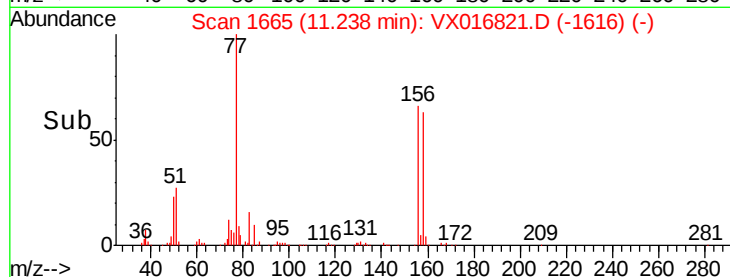
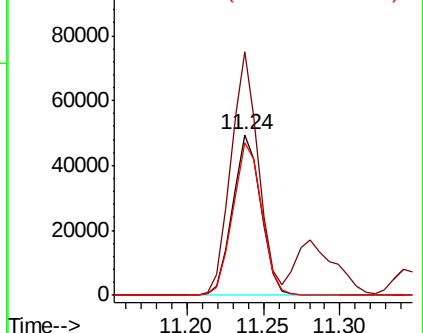
158 97.1 48.8 146.4



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: 15.826 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016821.D

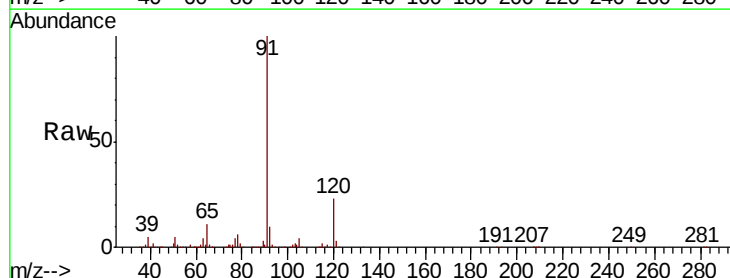
Acq: 17 Jun 2020 16:58

Tgt Ion: 91 Resp: 249633

Ion Ratio Lower Upper

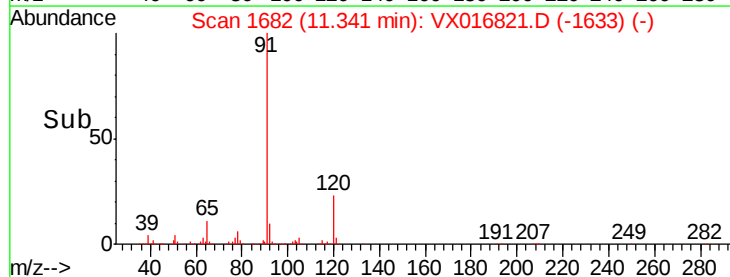
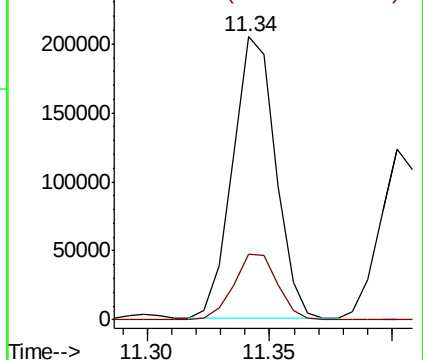
91 100

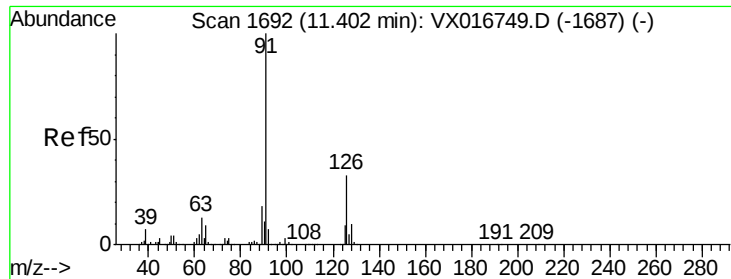
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.551 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

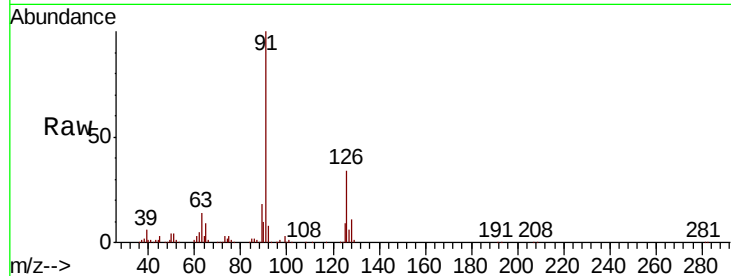
VX0617WBS03

Tot Ion: 91 Resp: 155113

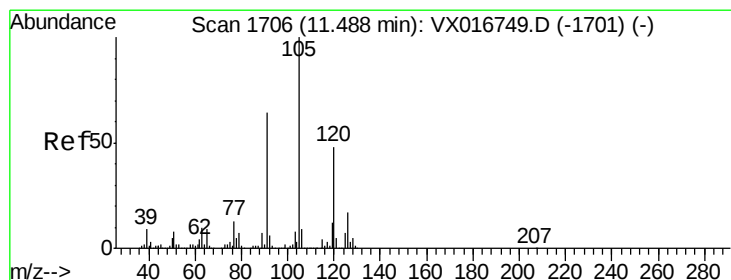
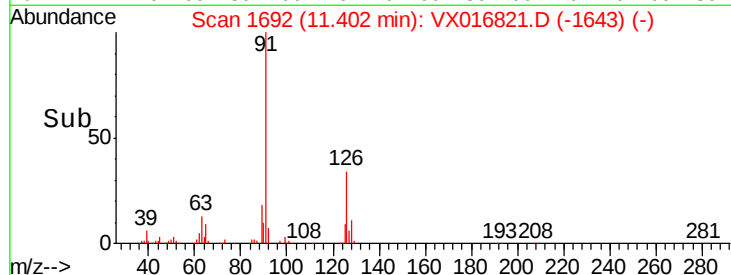
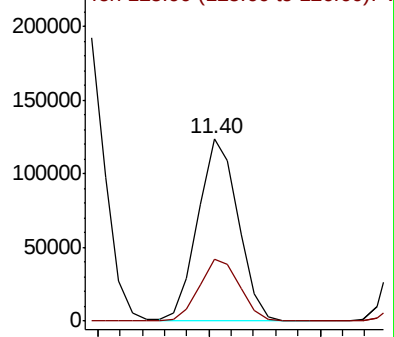
Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 15.780 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016821.D

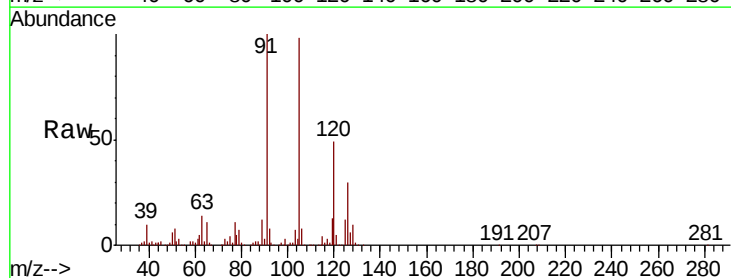
Acq: 17 Jun 2020 16:58

Tgt Ion: 105 Resp: 192131

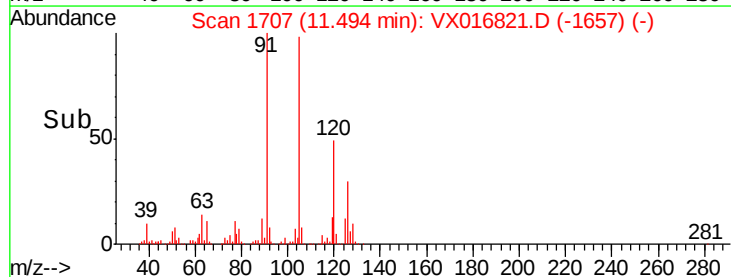
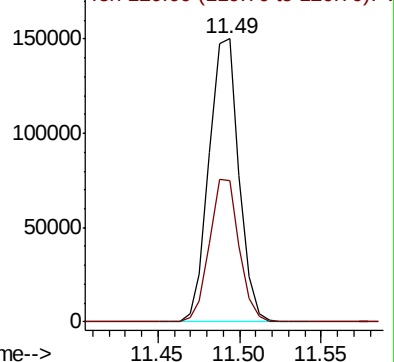
Ion Ratio Lower Upper

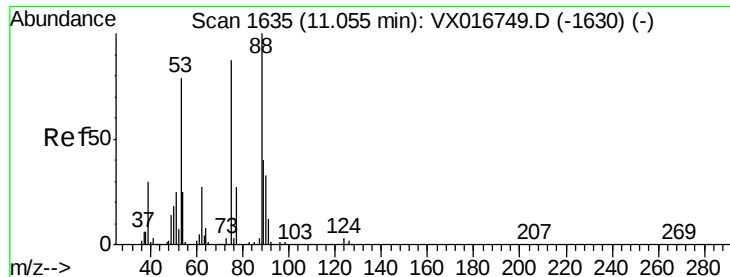
105 100

120 49.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 14.623 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

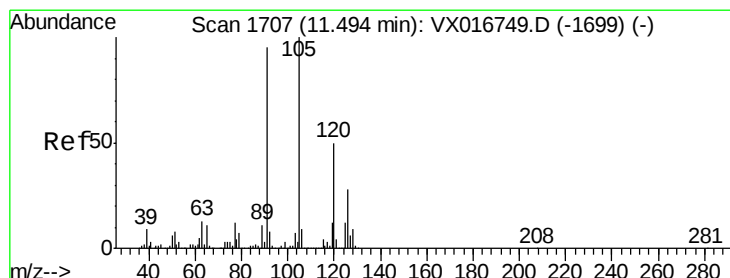
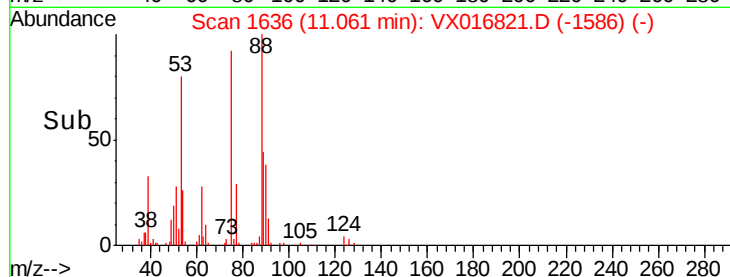
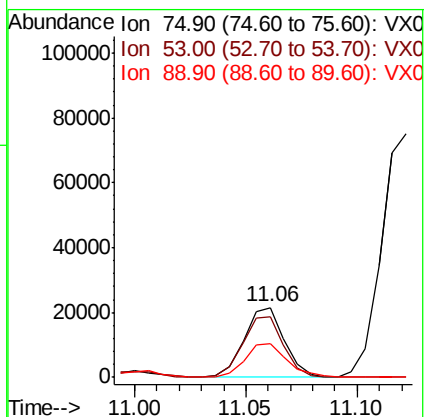
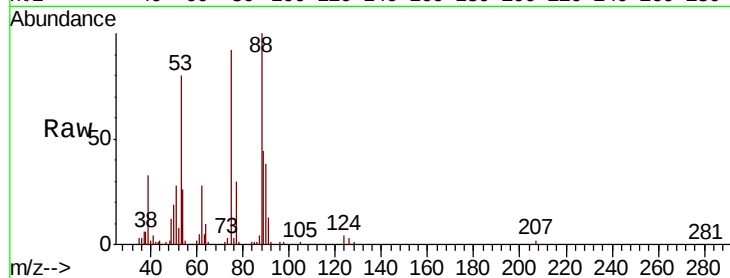
Tot Ion: 75 Resp: 27039

Ion Ratio Lower Upper

75 100

53 87.8 71.4 107.0

89 51.3 39.1 58.7



#82

4-Chlorotoluene

Concen: 15.716 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016821.D

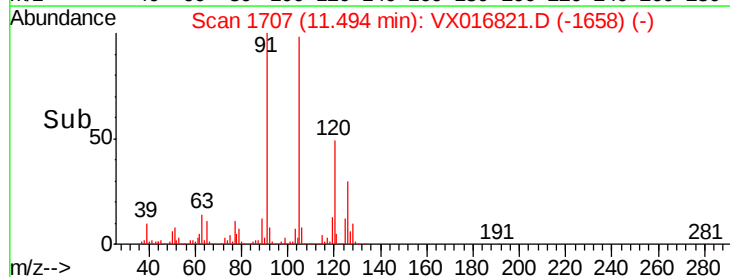
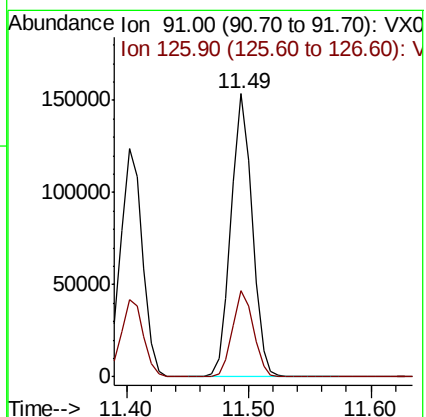
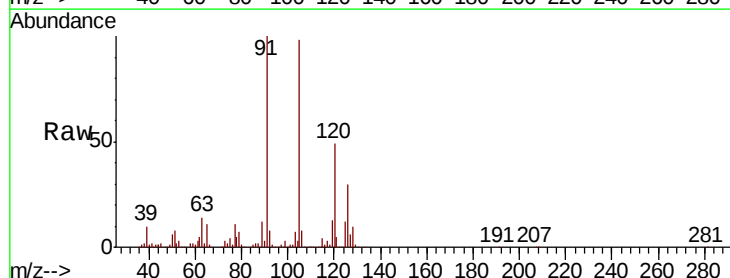
Acq: 17 Jun 2020 16:58

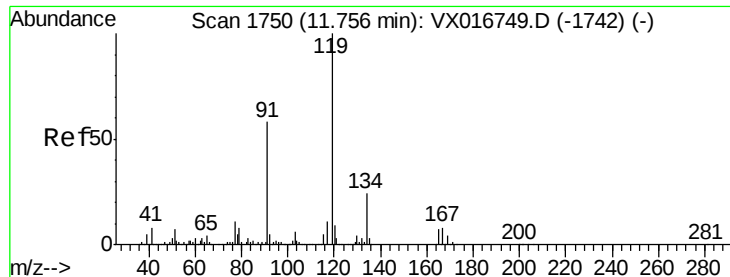
Tgt Ion: 91 Resp: 183488

Ion Ratio Lower Upper

91 100

126 30.0 15.2 45.6

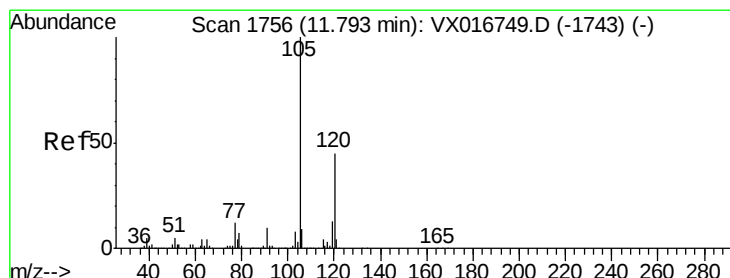
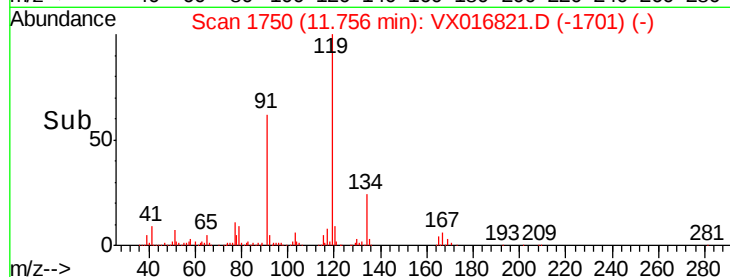
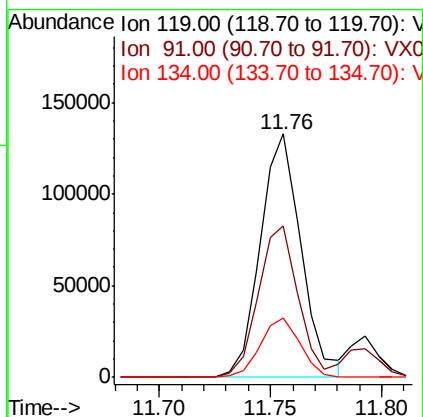
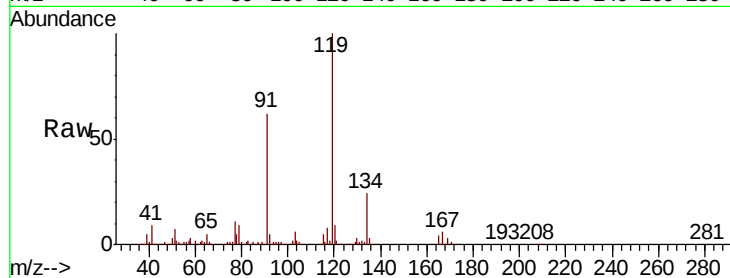




#83
tert-Butylbenzene
Concen: 15.177 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

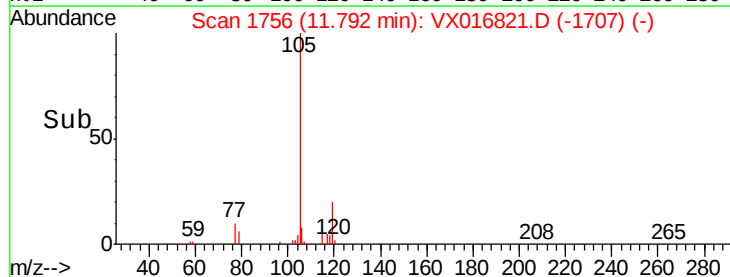
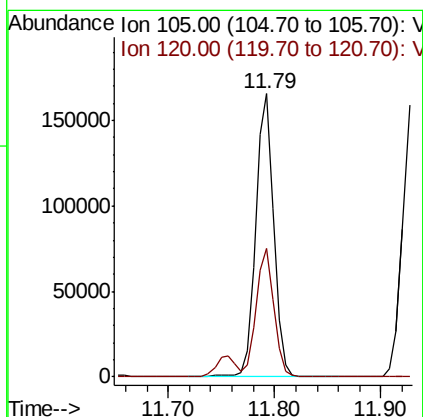
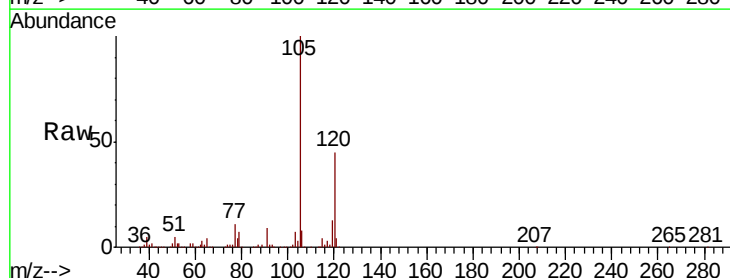
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

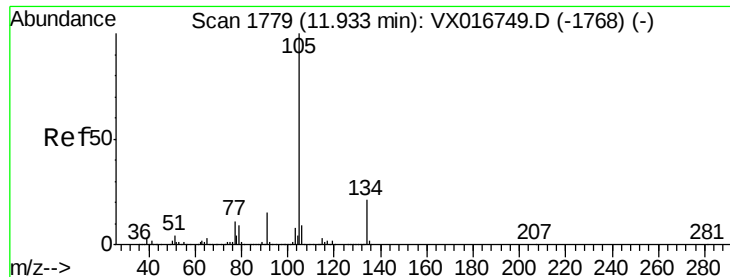
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.3	88.0
134	23.8	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 15.830 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 16.016 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

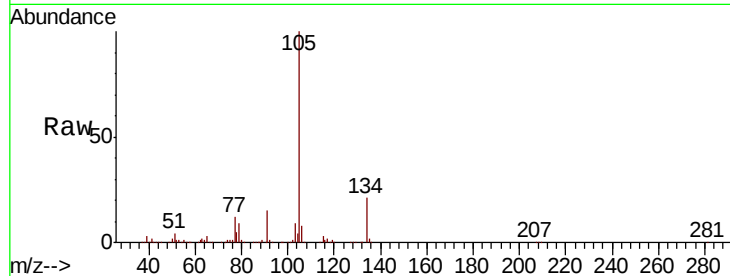
VX0617WBS03

Tot Ion:105 Resp: 208720

Ion Ratio Lower Upper

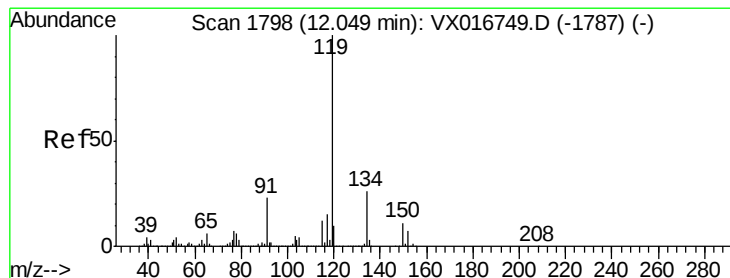
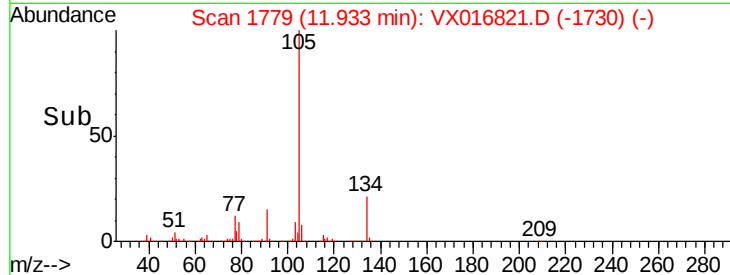
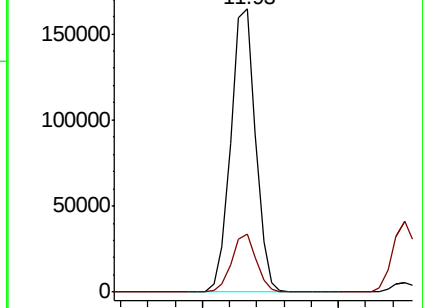
105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 15.134 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

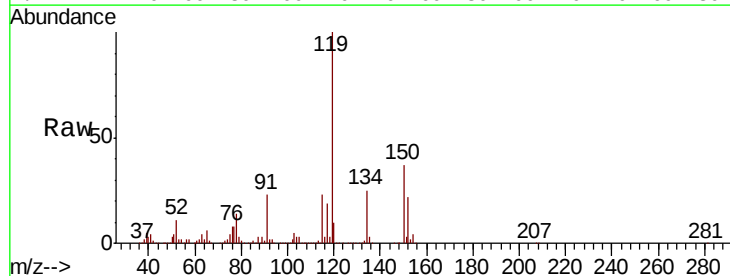
Tgt Ion:119 Resp: 189233

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

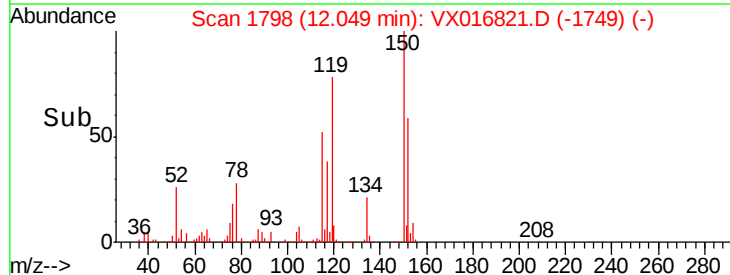
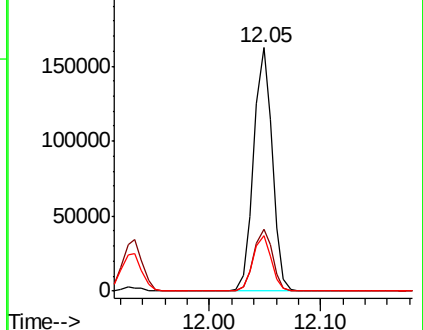
91 22.9 11.6 34.7

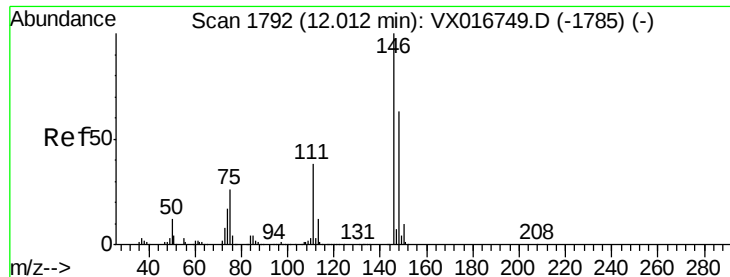


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 14.792 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

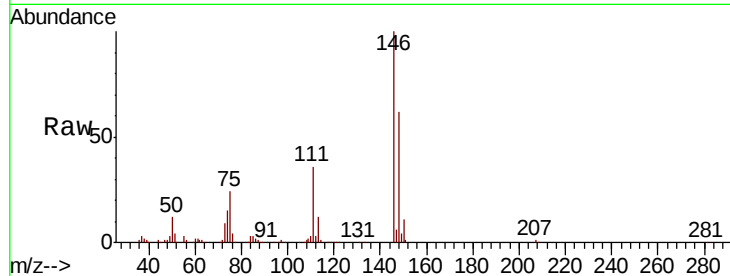
Tot Ion:146 Resp: 102556

Ion Ratio Lower Upper

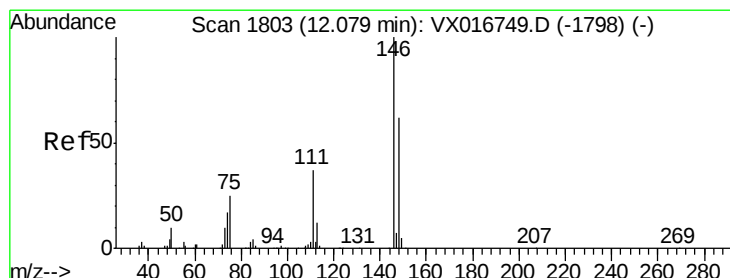
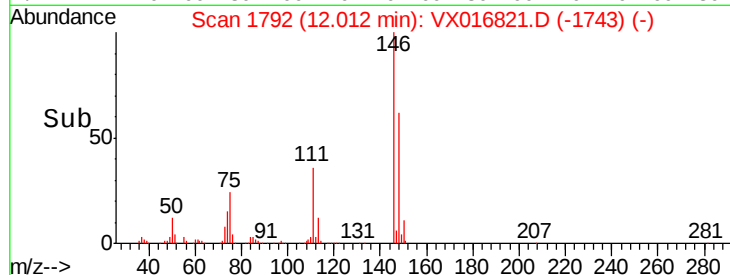
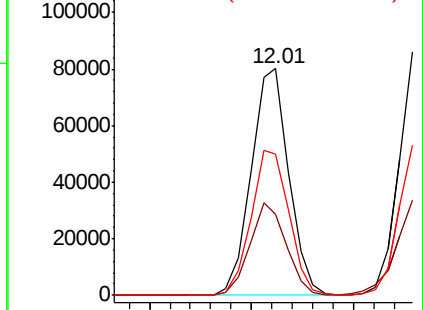
146 100

111 39.8 19.8 59.3

148 64.7 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



#88

1,4-Dichlorobenzene

Concen: 14.424 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

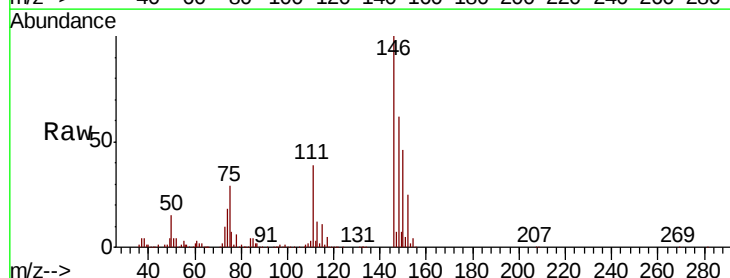
Tgt Ion:146 Resp: 103707

Ion Ratio Lower Upper

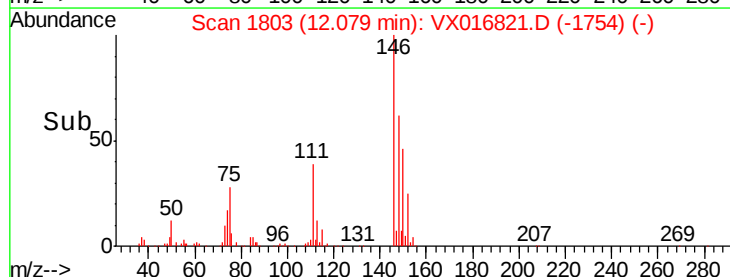
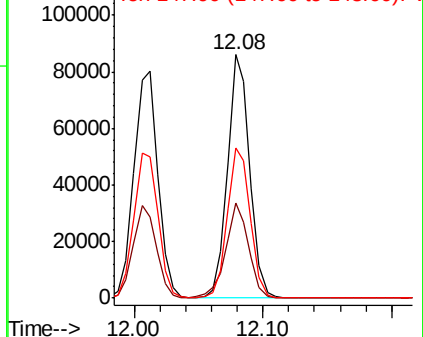
146 100

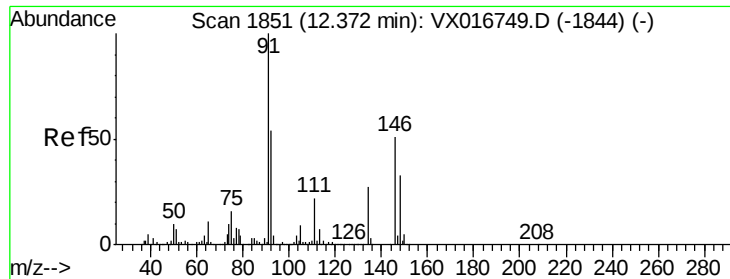
111 40.7 19.3 57.8

148 64.2 32.1 96.5



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

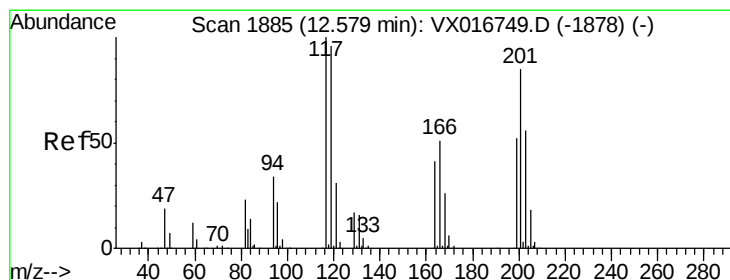
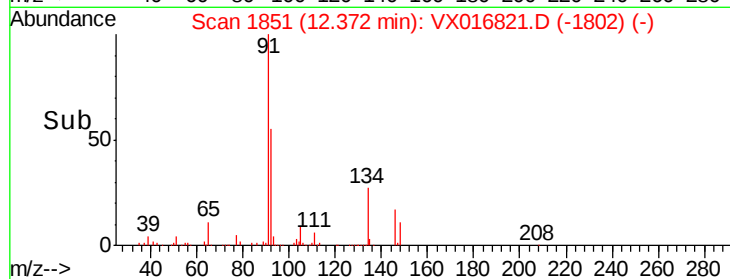
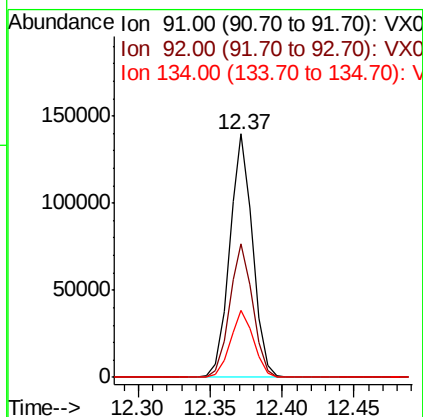
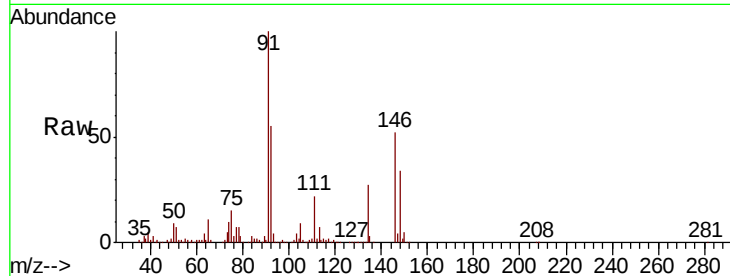




#89
n-Butylbenzene
Concen: 15.140 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

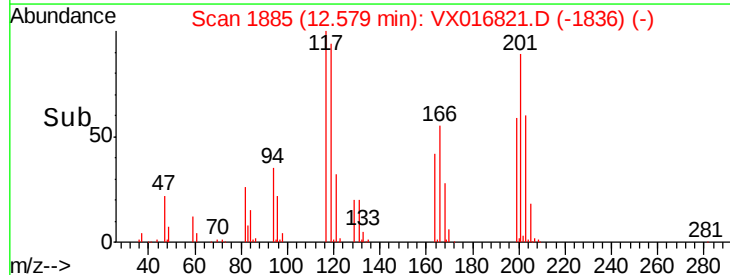
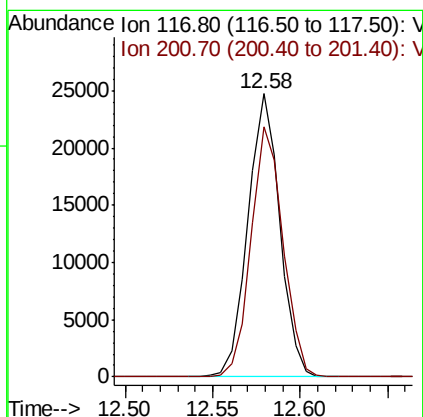
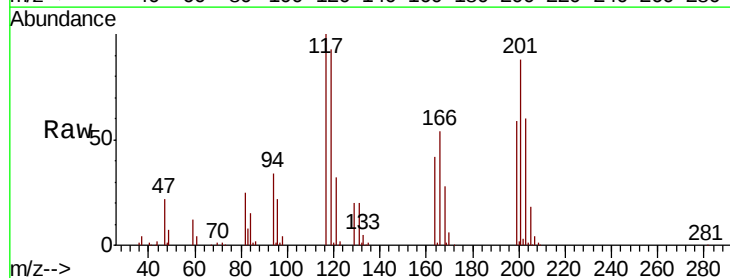
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion: 91 Resp: 156274
Ion Ratio Lower Upper
91 100
92 55.2 27.0 80.8
134 27.8 13.7 41.0



#90
Hexachloroethane
Concen: 13.568 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 117 Resp: 31285
Ion Ratio Lower Upper
117 100
201 88.6 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 14.103 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

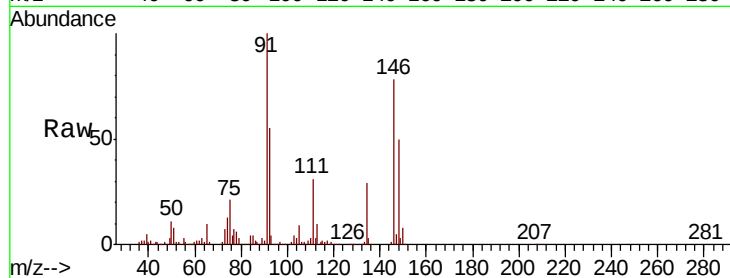
Tot Ion:146 Resp: 97778

Ion Ratio Lower Upper

146 100

111 40.5 20.8 62.2

148 64.1 32.1 96.5

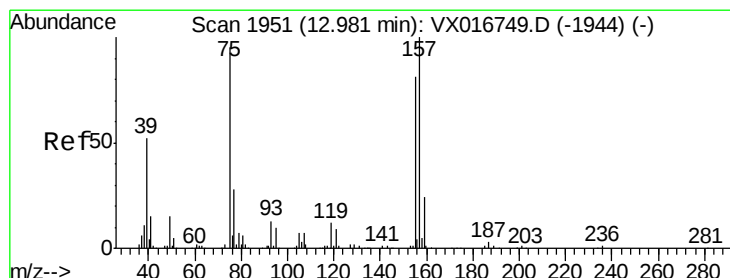
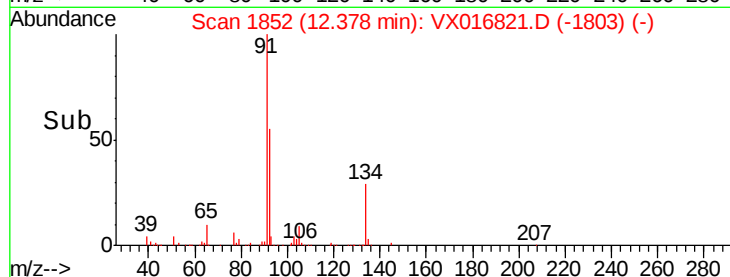
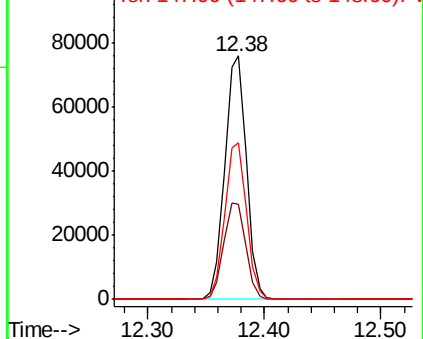


Abundance

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: 14.241 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

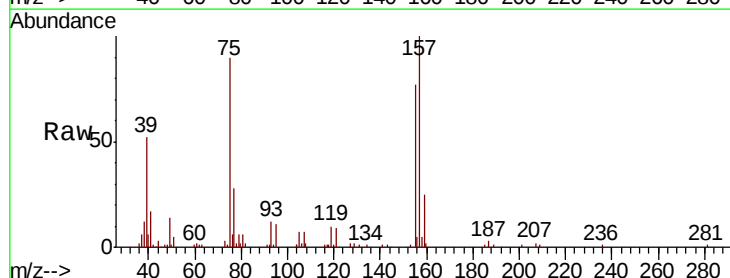
Tgt Ion: 75 Resp: 17015

Ion Ratio Lower Upper

75 100

155 91.7 46.9 140.7

157 115.3 59.6 178.7

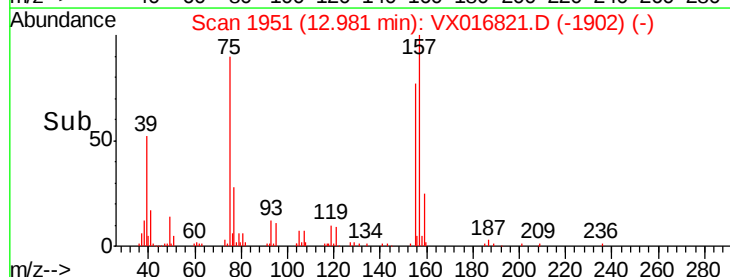
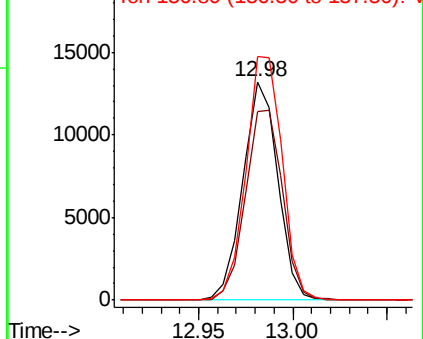


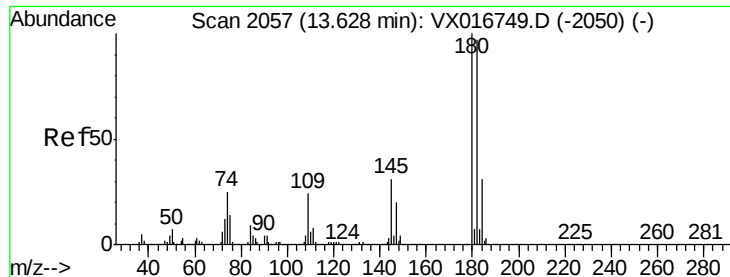
Abundance

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

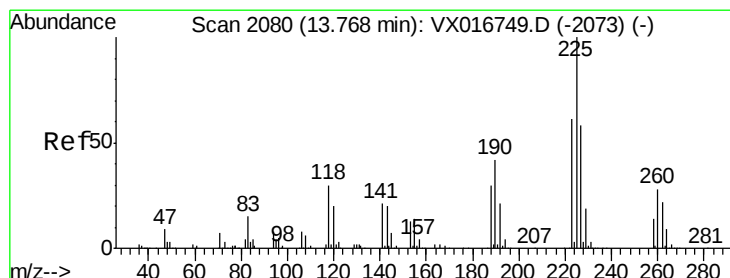
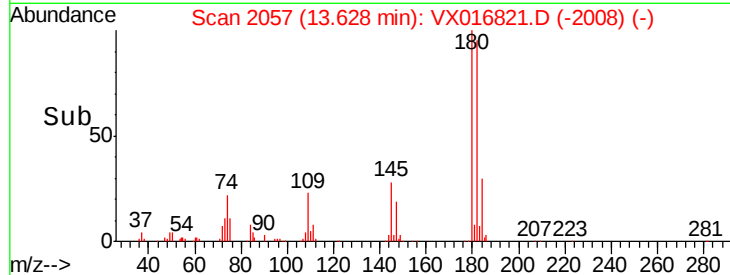
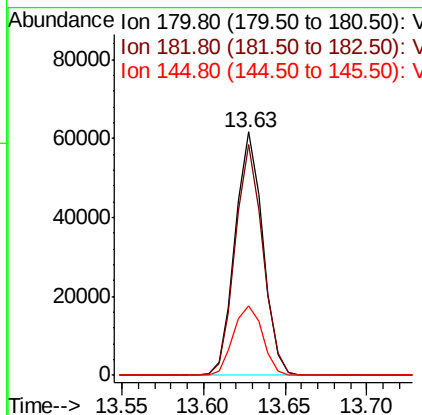
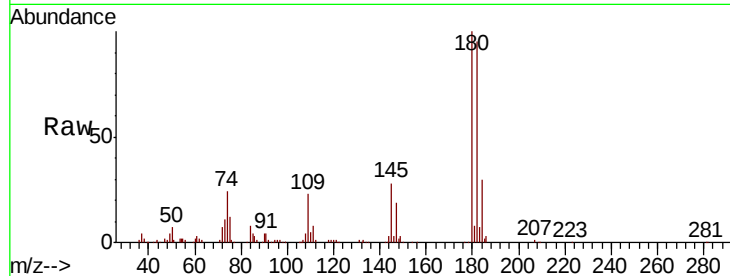




#93
 1,2,4-Trichlorobenzene
 Concen: 15.047 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

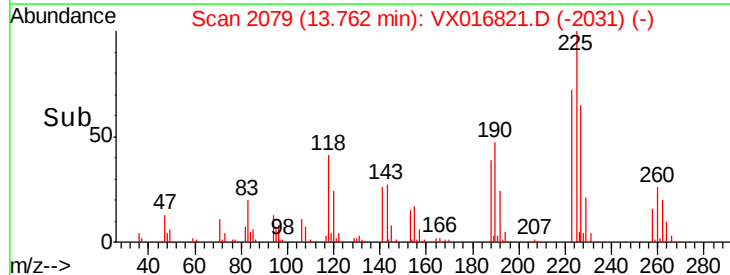
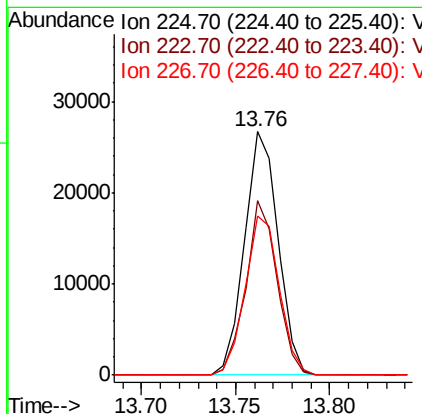
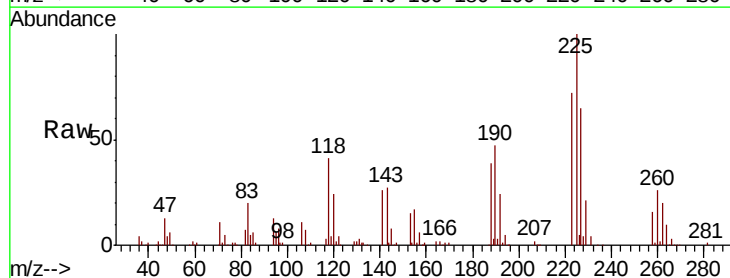
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

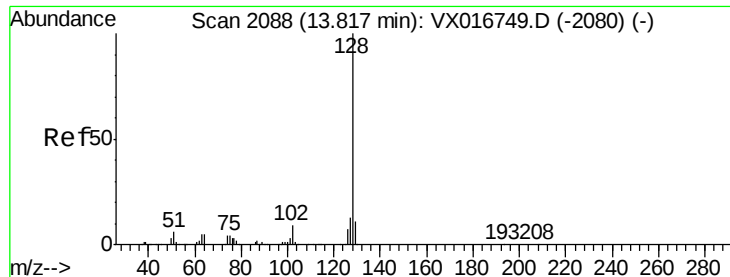
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.6	145.8
145	30.3	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 15.733 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	31.1	93.5
227	66.7	30.9	92.7





#95

Naphthalene

Concen: 14.914 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

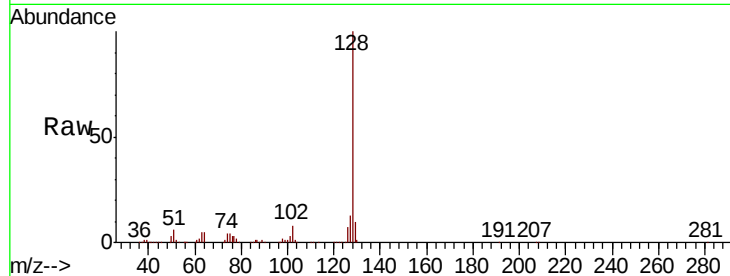
Tot Ion:128 Resp: 226855

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

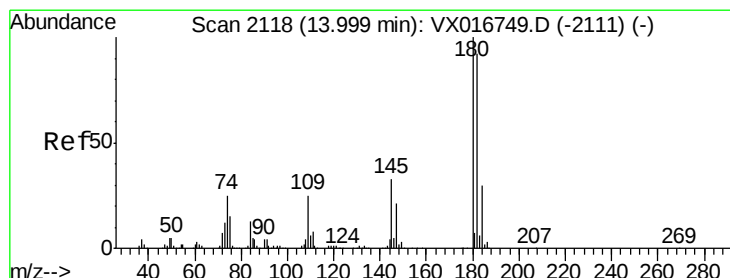
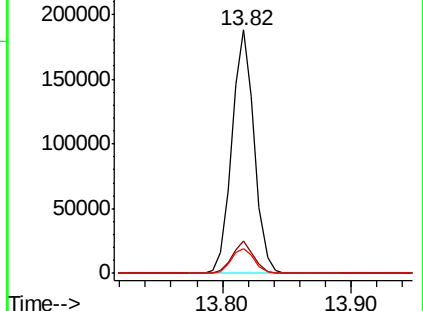
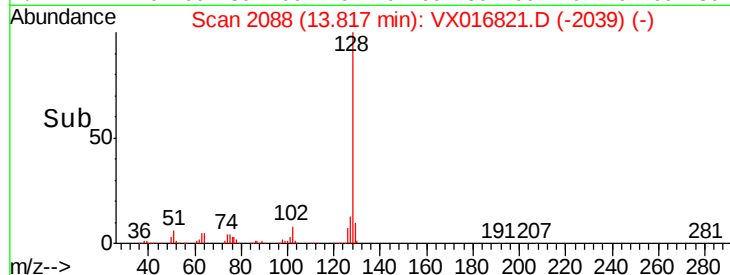
129 10.5 8.8 13.2



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: 15.035 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

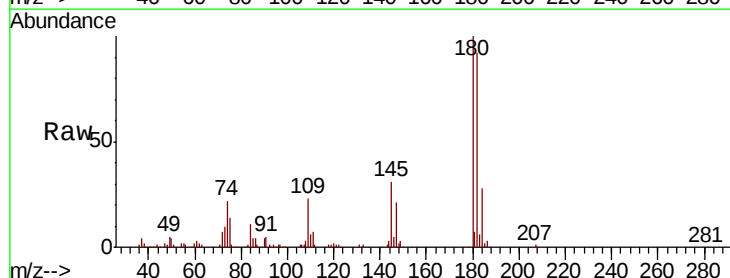
Tgt Ion:180 Resp: 71852

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 32.3 15.9 47.7



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

