

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016815.D
 Acq On : 17 Jun 2020 14:44
 Operator : JC/SP
 Sample : VX0617WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Quant Time: Jun 18 00:43:15 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	5.63	168	308819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	466990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167807	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.46	113	141500	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.70	98	600022	56.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.96%	
62) 4-Bromofluorobenzene	11.12	95	204426	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	77952	22.423	ug/l 99
3) Chloromethane	1.31	50	68739	20.390	ug/l 99
4) Vinyl Chloride	1.39	62	85719	23.830	ug/l 99
5) Bromomethane	1.63	94	54256	24.287	ug/l 99
6) Chloroethane	1.71	64	51718	23.341	ug/l 95
7) Trichlorofluoromethane	1.92	101	112478	21.711	ug/l 99
8) Diethyl Ether	2.17	74	45138	21.336	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64484	24.465	ug/l 96
10) Methyl Iodide	2.49	142	52617	15.971	ug/l 97
11) Tert butyl alcohol	3.00	59	76109	87.217	ug/l 99
12) 1,1-Dichloroethene	2.36	96	65582	21.728	ug/l 95
13) Acrolein	2.27	56	32448	88.829	ug/l 97
14) Allyl chloride	2.71	41	88983	18.849	ug/l 98
15) Acrylonitrile	3.11	53	162719	91.893	ug/l 99
16) Acetone	2.42	43	149936	95.158	ug/l 98
17) Carbon Disulfide	2.55	76	156314	18.083	ug/l 99
18) Methyl Acetate	2.75	43	83411	19.833	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	189801	18.450	ug/l 96
20) Methylene Chloride	2.83	84	63262	18.640	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	61081	18.832	ug/l 100
22) Diisopropyl ether	3.82	45	176354	19.888	ug/l 92
23) Vinyl Acetate	3.78	43	721452	94.133	ug/l 99
24) 1,1-Dichloroethane	3.67	63	105244	18.977	ug/l 99
25) 2-Butanone	4.63	43	219285	92.343	ug/l 98
26) 2,2-Dichloropropane	4.55	77	93678	18.242	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	69069	18.631	ug/l 98
28) Bromochloromethane	4.98	49	45182	19.098	ug/l 97
29) Tetrahydrofuran	5.08	42	143368	93.197	ug/l 99
30) Chloroform	5.17	83	107581	18.335	ug/l 100
31) Cyclohexane	5.55	56	90671	20.716	ug/l 94
32) 1,1,1-Trichloroethane	5.46	97	99444	18.678	ug/l 100
36) 1,1-Dichloropropene	5.77	75	81681	19.792	ug/l 99
37) Ethyl Acetate	4.79	43	84763	18.755	ug/l 99
38) Carbon Tetrachloride	5.75	117	89846	19.170	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Quant Time: Jun 18 00:43:15 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	109248	23.347	ug/l	97
40) Benzene	6.11	78	244365	19.448	ug/l	99
41) Methacrylonitrile	4.99	41	45522	18.891	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84349	18.393	ug/l	99
43) Isopropyl Acetate	6.41	43	135282	19.099	ug/l	99
44) Trichloroethene	7.18	130	80174	20.628	ug/l	100
45) 1,2-Dichloropropane	7.49	63	72637	23.582	ug/l	98
46) Dibromomethane	7.64	93	45361	20.206	ug/l	99
47) Bromodichloromethane	7.87	83	100457	21.464	ug/l	99
48) Methyl methacrylate	7.74	41	75208	22.402	ug/l	96
49) 1,4-Dioxane	7.71	88	37338	449.417	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	488527	111.925	ug/l	100
52) Toluene	8.76	92	170090	20.840	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	96847	18.320	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	118657	21.519	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	63333	19.295	ug/l	98
56) Ethyl methacrylate	9.16	69	94988	19.329	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105043	19.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	282081	116.739	ug/l	97
59) 2-Hexanone	9.47	43	321298	95.356	ug/l	99
60) Dibromochloromethane	9.56	129	71544	18.443	ug/l	98
61) 1,2-Dibromoethane	9.65	107	67462	18.859	ug/l	99
64) Tetrachloroethene	9.32	164	91621	22.014	ug/l	97
65) Chlorobenzene	10.12	112	169453	19.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	65186	18.580	ug/l	99
67) Ethyl Benzene	10.23	91	292556	19.677	ug/l	99
68) m/p-Xylenes	10.34	106	225516	40.006	ug/l	100
69) o-Xylene	10.68	106	106531	19.616	ug/l	100
70) Styrene	10.70	104	182832	19.475	ug/l	99
71) Bromoform	10.84	173	57104	19.076	ug/l #	95
73) Isopropylbenzene	11.00	105	283615	18.245	ug/l	100
74) N-amyl acetate	10.88	43	109499	18.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	71446	15.624	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	120079	24.102	ug/l	86
77) Bromobenzene	11.24	156	76937	17.529	ug/l	99
78) n-propylbenzene	11.34	91	329582	19.523	ug/l	100
79) 2-Chlorotoluene	11.40	91	213664	20.015	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	266052	20.417	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	32248	16.295	ug/l	97
82) 4-Chlorotoluene	11.49	91	256069	20.493	ug/l	98
83) tert-Butylbenzene	11.76	119	238283	19.984	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	267471	20.291	ug/l	100
85) sec-Butylbenzene	11.93	105	291231	20.881	ug/l	100
86) p-Isopropyltoluene	12.05	119	272769	20.383	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	147774	19.915	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	154349	20.058	ug/l	99
89) n-Butylbenzene	12.37	91	215088	19.470	ug/l	99
90) Hexachloroethane	12.58	117	42434	17.195	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	133917	18.047	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20351	15.915	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

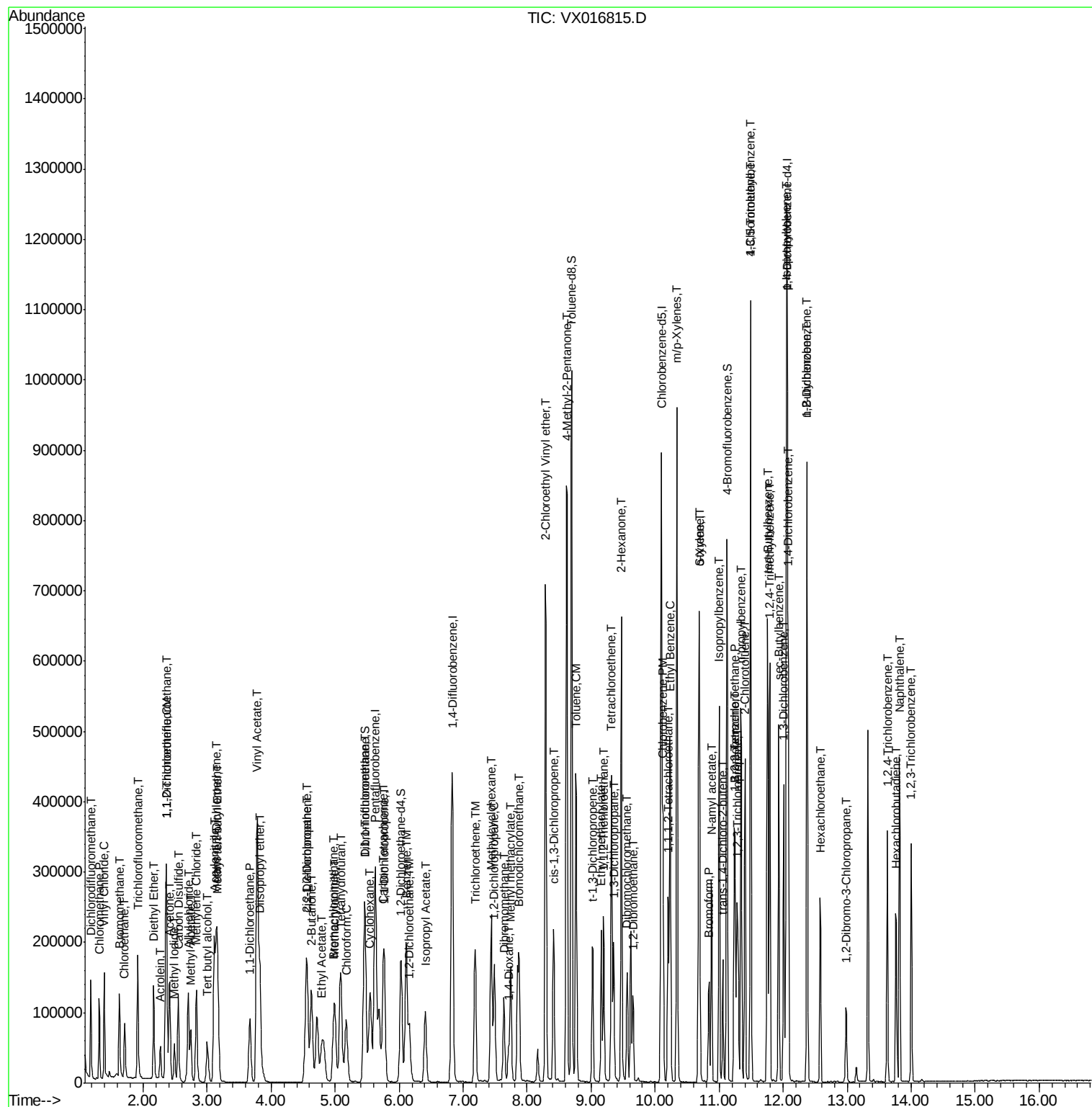
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	89307	17.186	ug/l	98
94) Hexachlorobutadiene	13.77	225	39419	17.509	ug/l	98
95) Naphthalene	13.82	128	278784	17.125	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	87770	17.160	ug/l	99

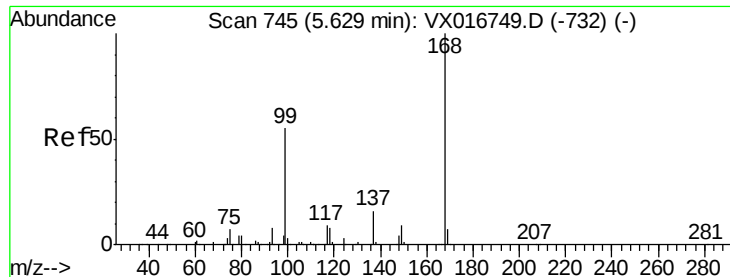
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061720\
Data File : VX016815.D
Acq On : 17 Jun 2020 14:44
Operator : JC/SP
Sample : VX0617WBS01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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Quant Time: Jun 18 00:43:15 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

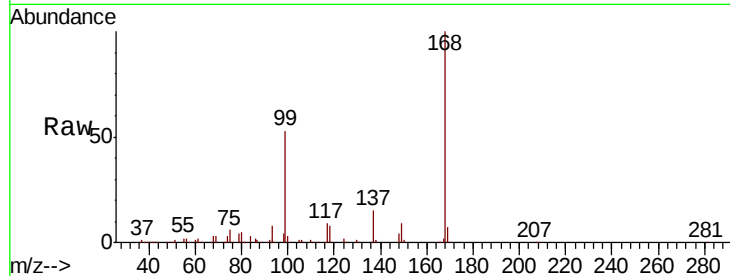
VX0617WBS01

Tot Ion:168 Resp: 308819

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

5.63

120000

100000

80000

60000

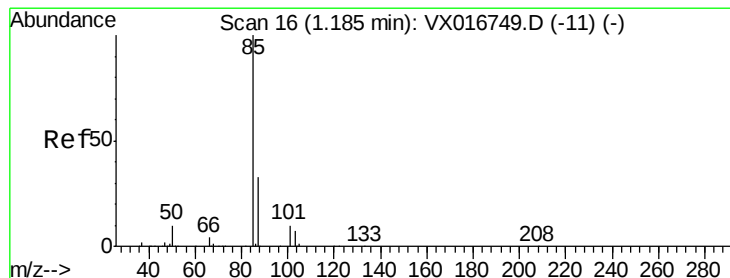
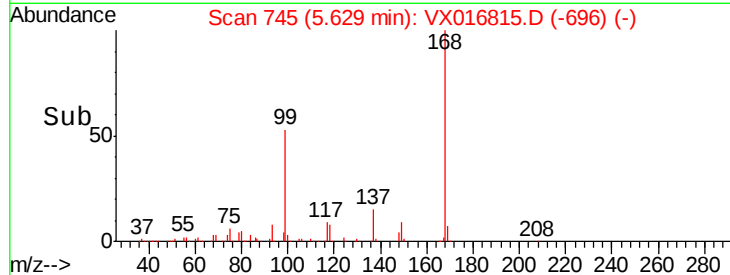
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.423 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016815.D

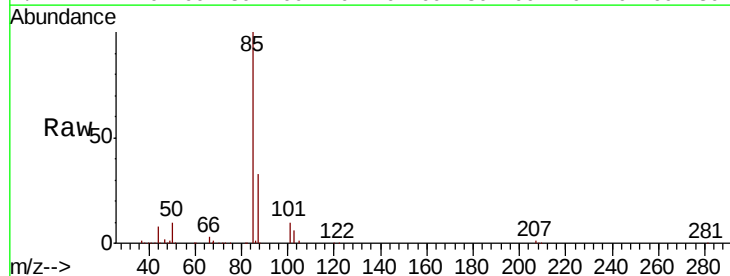
Acq: 17 Jun 2020 14:44

Tgt Ion: 85 Resp: 77952

Ion Ratio Lower Upper

85 100

87 33.3 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

80000

60000

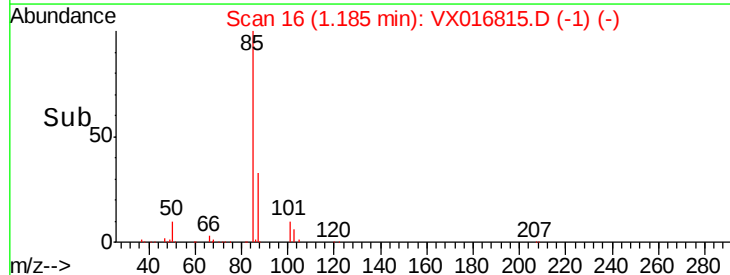
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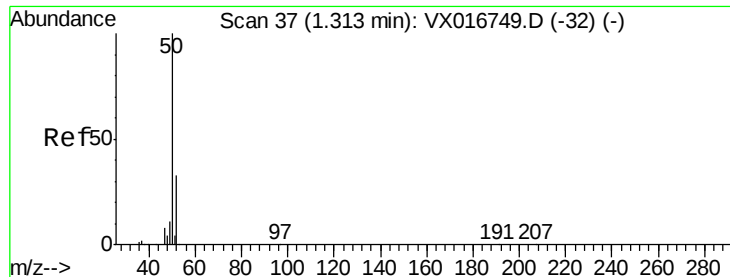
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.390 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

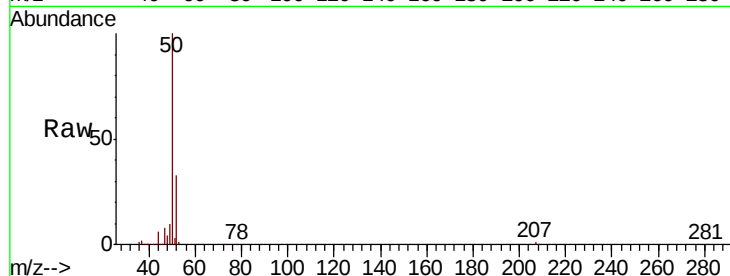
VX0617WBS01

Tot Ion: 50 Resp: 68739

Ion Ratio Lower Upper

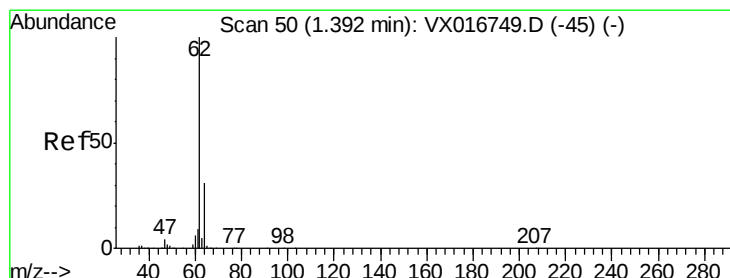
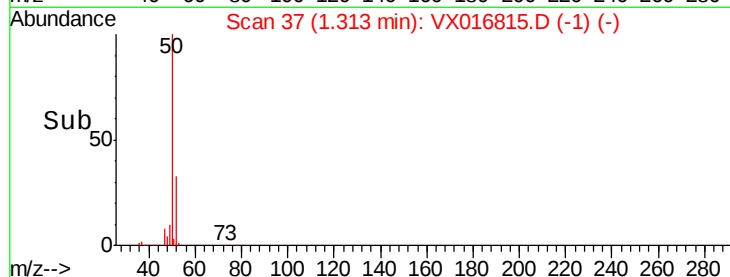
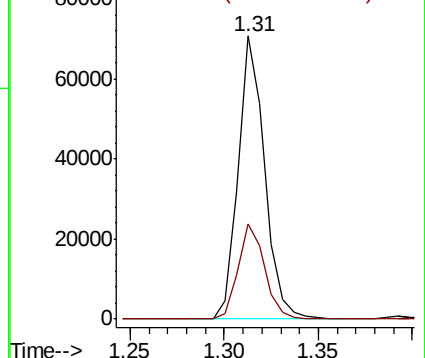
50 100

52 33.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 23.830 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016815.D

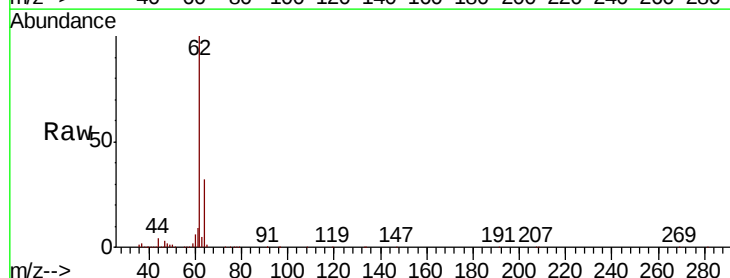
Acq: 17 Jun 2020 14:44

Tgt Ion: 62 Resp: 85719

Ion Ratio Lower Upper

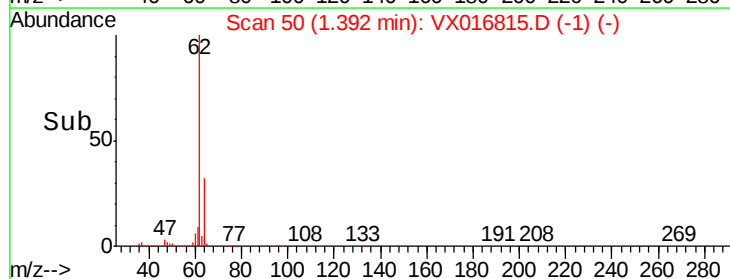
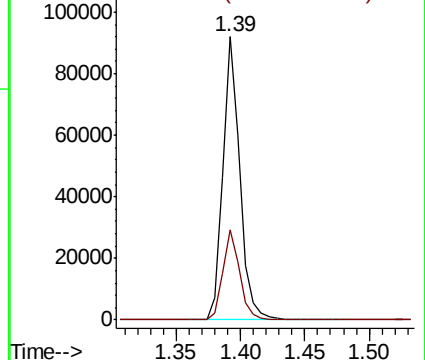
62 100

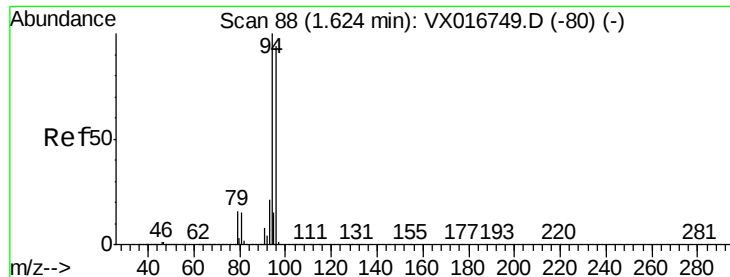
64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.287 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

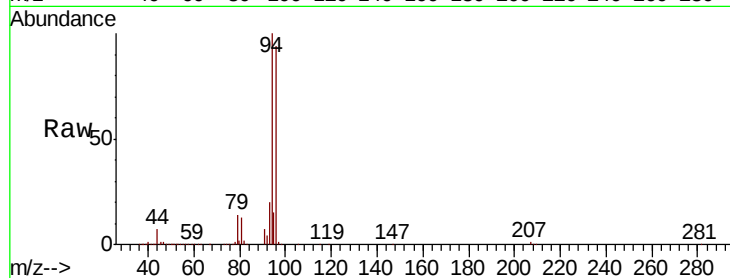
VX0617WBS01

Tot Ion: 94 Resp: 54256

Ion Ratio Lower Upper

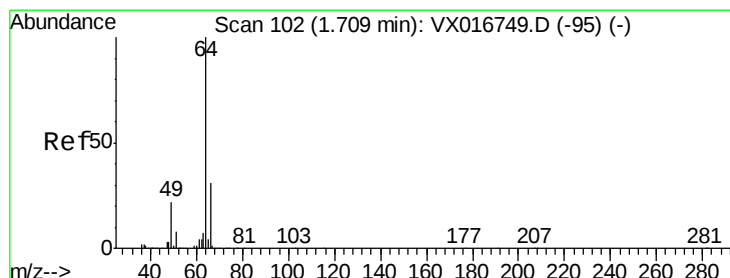
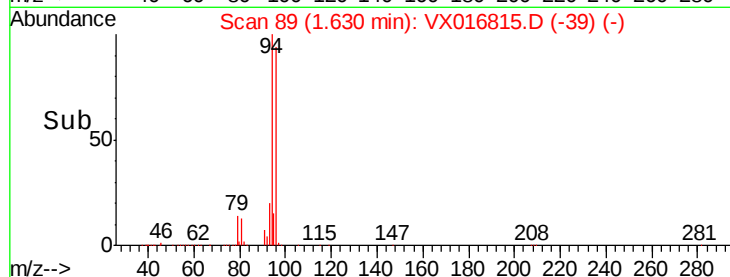
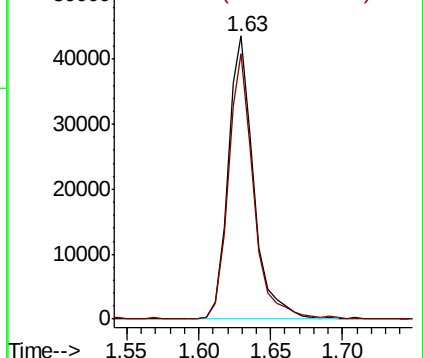
94 100

96 93.3 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: 23.341 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016815.D

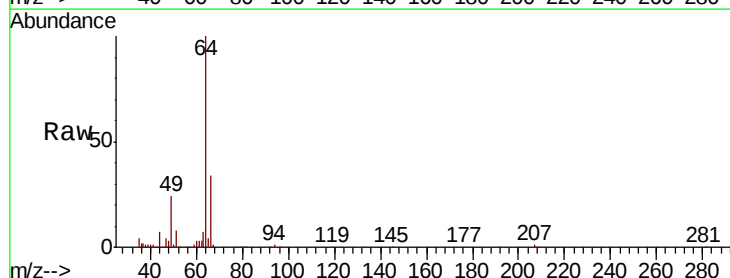
Acq: 17 Jun 2020 14:44

Tgt Ion: 64 Resp: 51718

Ion Ratio Lower Upper

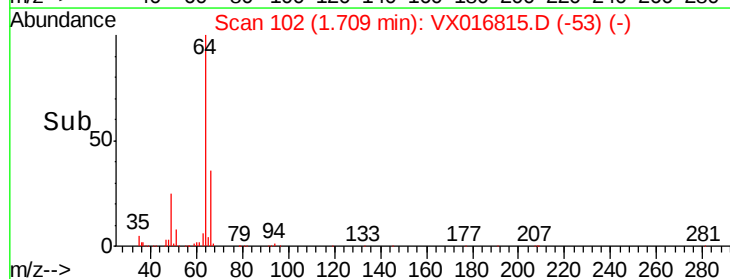
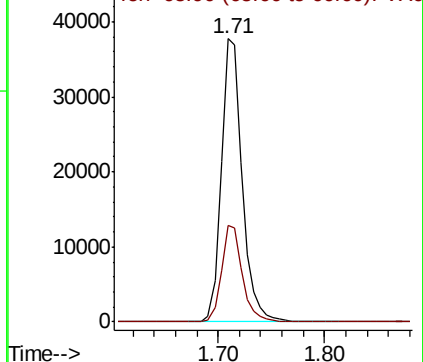
64 100

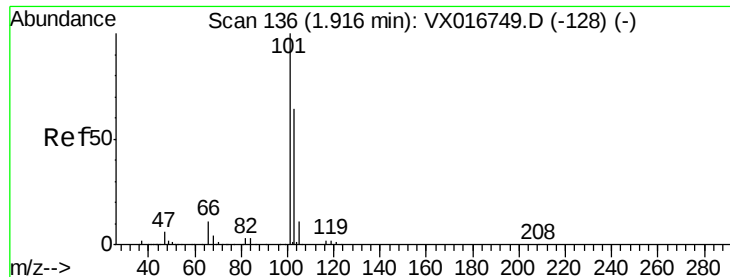
66 34.2 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



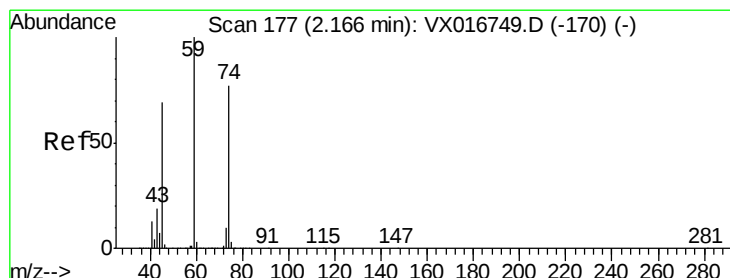
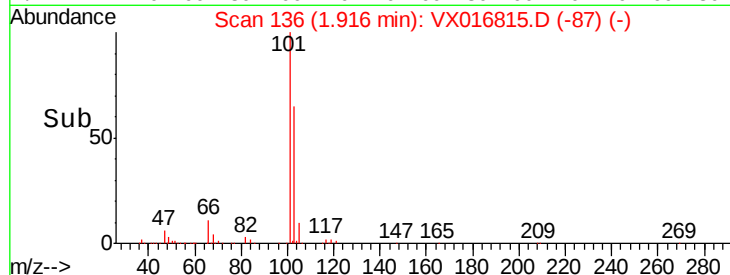
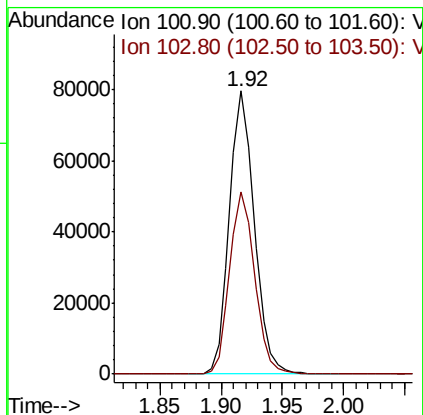
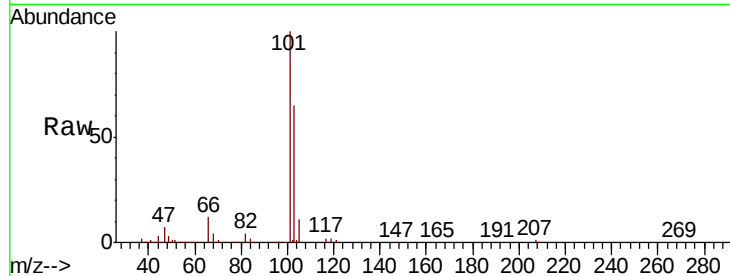


#7

Trichlorofluoromethane
 Concen: 21.711 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
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 VX0617WBS01

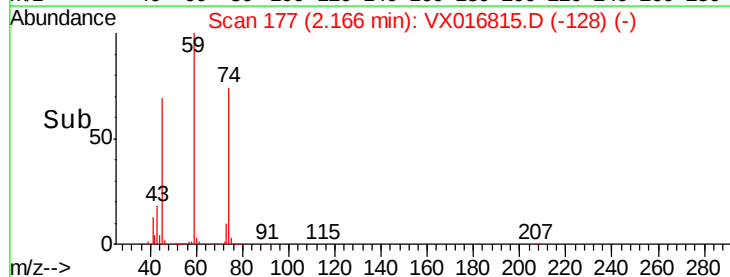
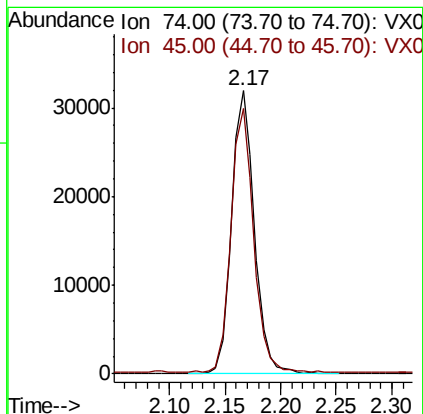
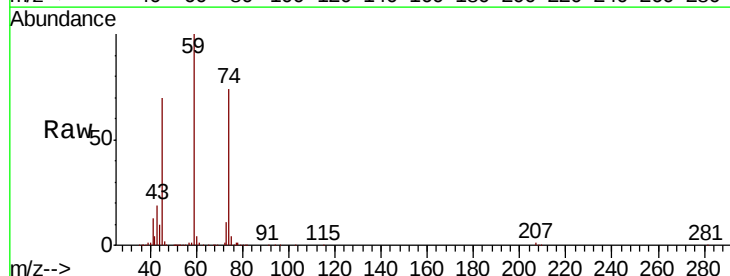
Tot Ion:101 Resp: 112478
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.3 76.9

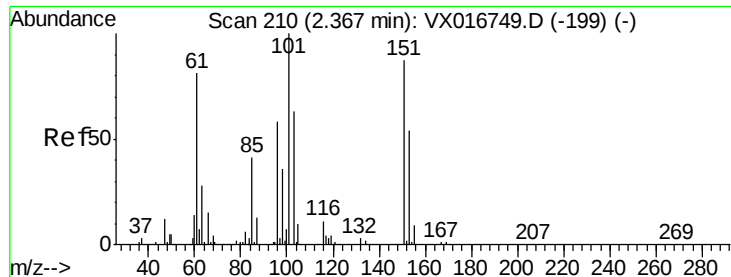


#8

Diethyl Ether
 Concen: 21.336 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion: 74 Resp: 45138
 Ion Ratio Lower Upper
 74 100
 45 93.1 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.465 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

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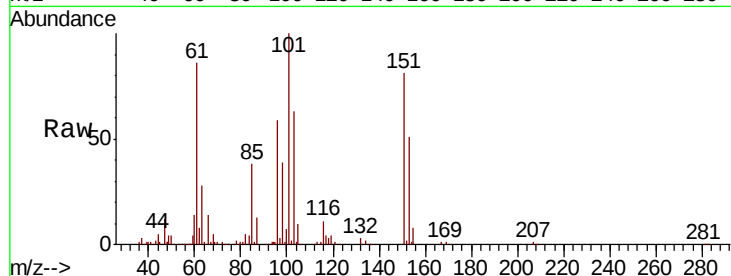
Tot Ion:101 Resp: 64484

Ion Ratio Lower Upper

101 100

85 41.3 34.0 51.0

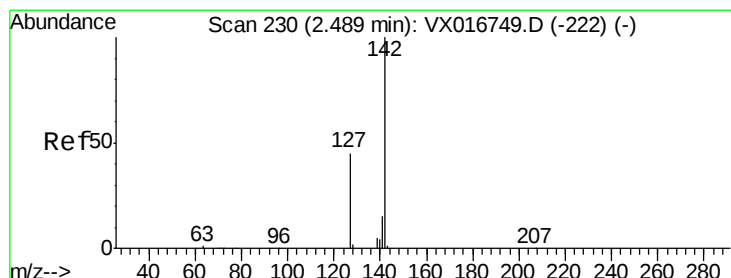
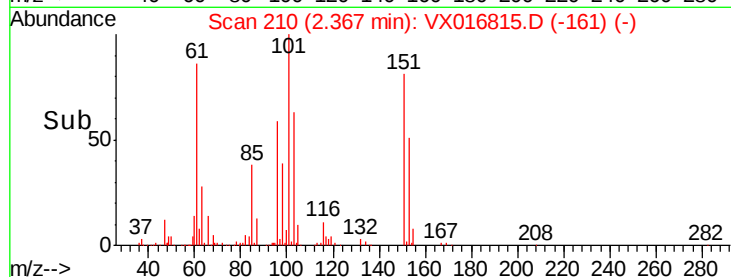
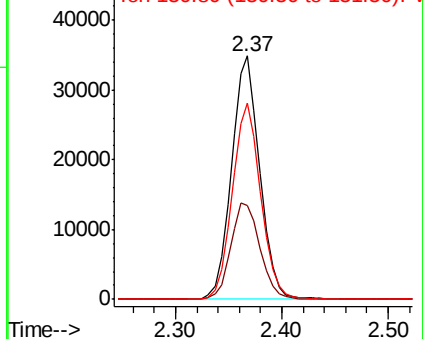
151 81.4 68.7 103.1



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: 15.971 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

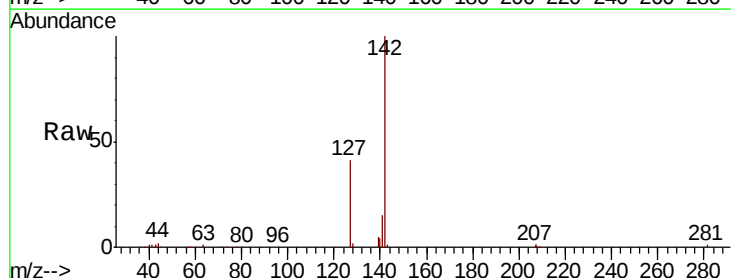
Tgt Ion:142 Resp: 52617

Ion Ratio Lower Upper

142 100

127 41.8 35.4 53.2

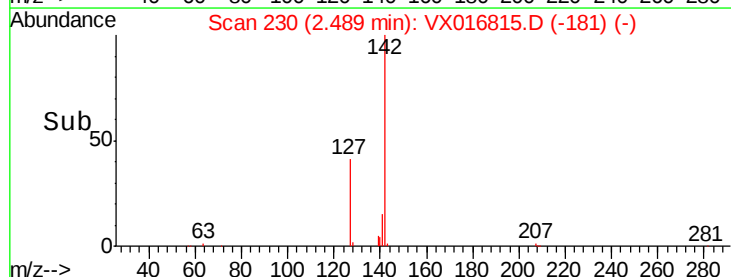
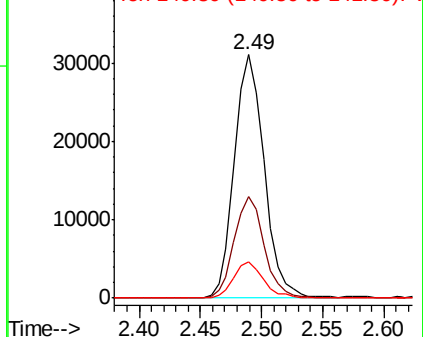
141 14.8 11.7 17.5

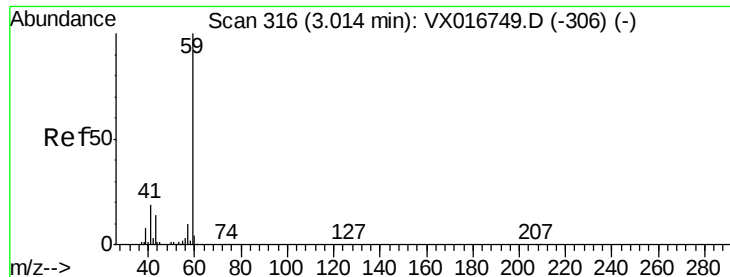


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



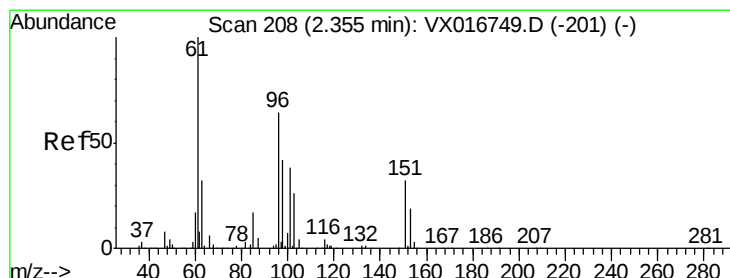
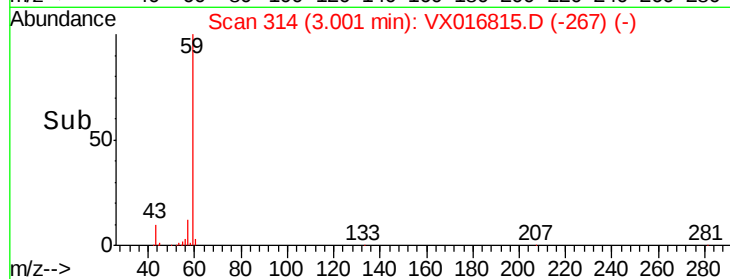
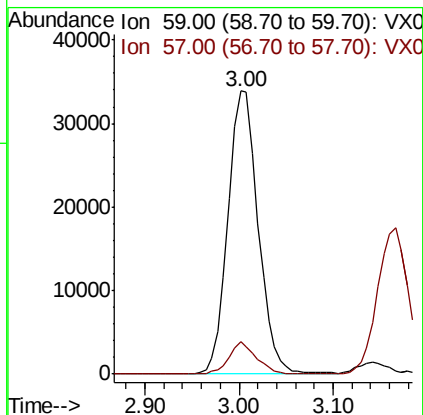
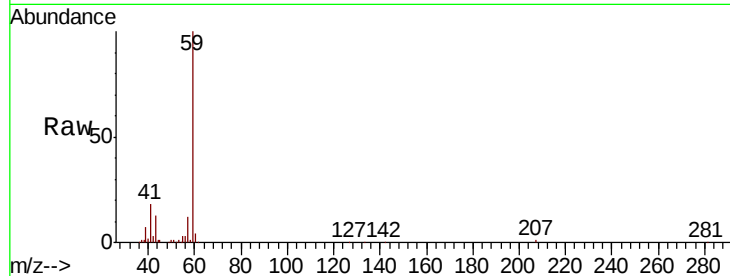


#11

Tert butyl alcohol
 Concen: 87.217 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

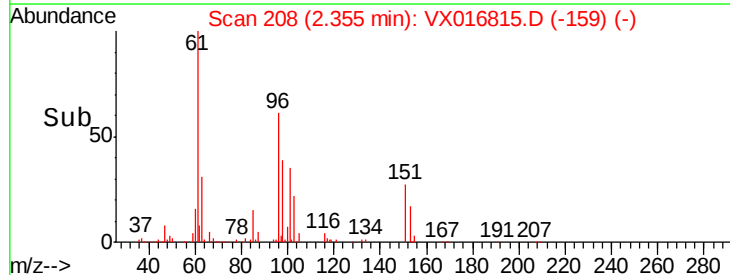
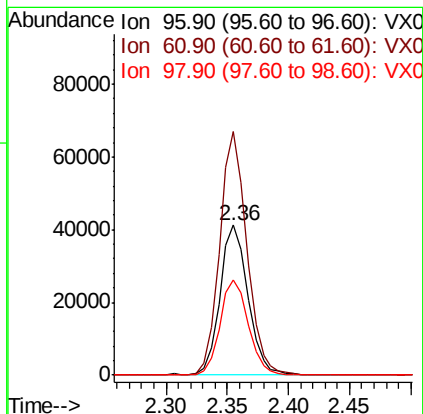
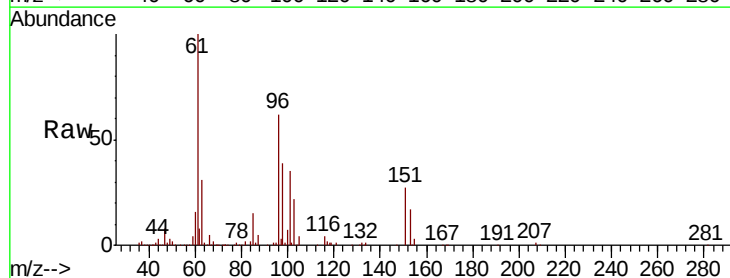
Tot Ion: 59 Resp: 76109
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

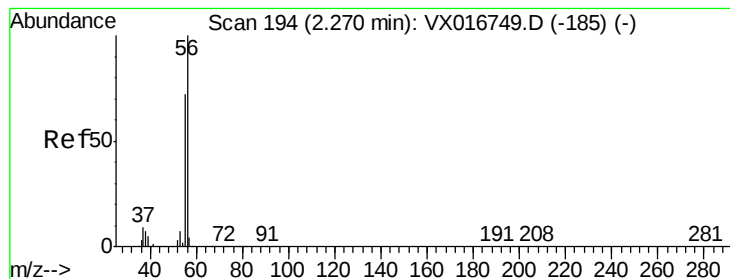


#12

1,1-Dichloroethene
 Concen: 21.728 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion: 96 Resp: 65582
 Ion Ratio Lower Upper
 96 100
 61 162.2 124.1 186.1
 98 63.3 52.7 79.1





#13

Acrolein

Concen: 88.829 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

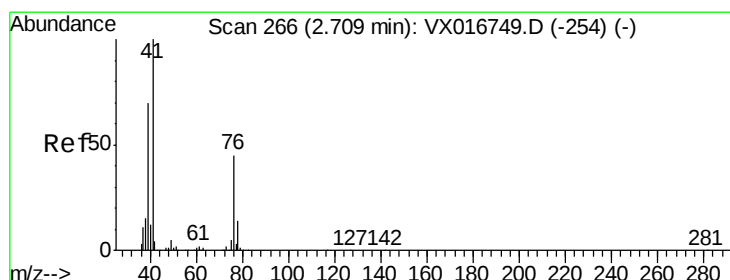
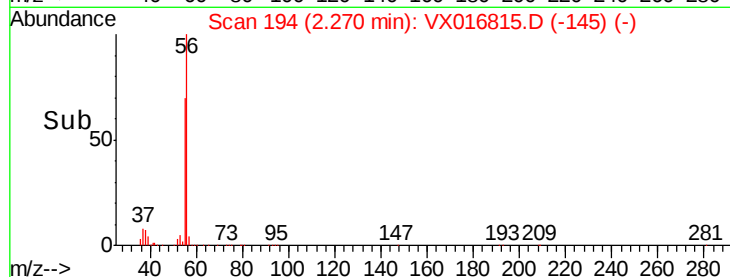
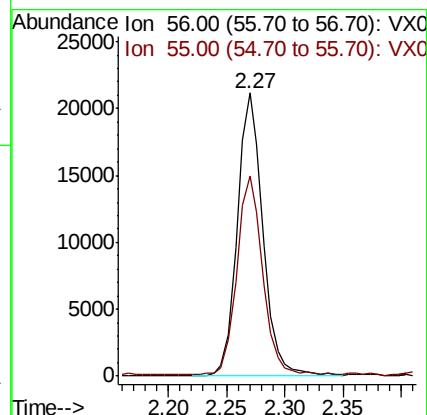
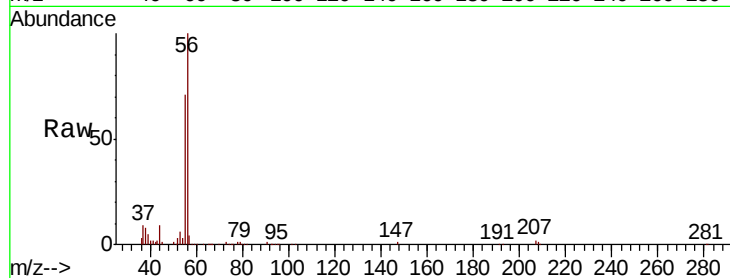
VX0617WBS01

Tot Ion: 56 Resp: 32448

Ion Ratio Lower Upper

56 100

55 70.6 58.2 87.4



#14

Allyl chloride

Concen: 18.849 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

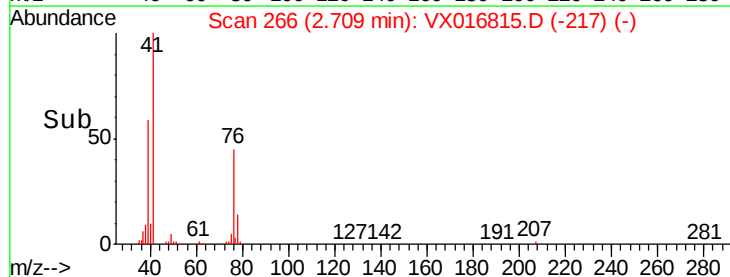
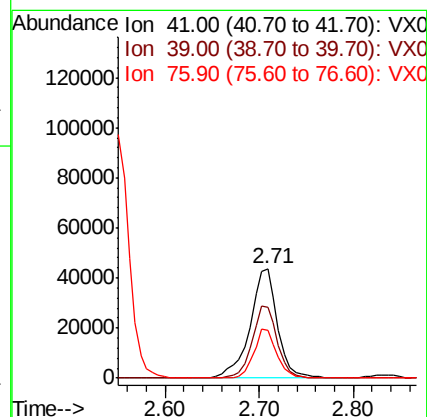
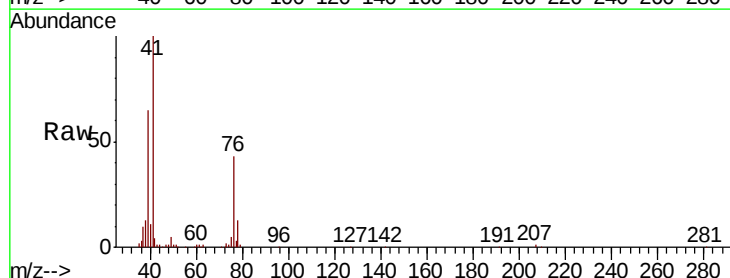
Tgt Ion: 41 Resp: 88983

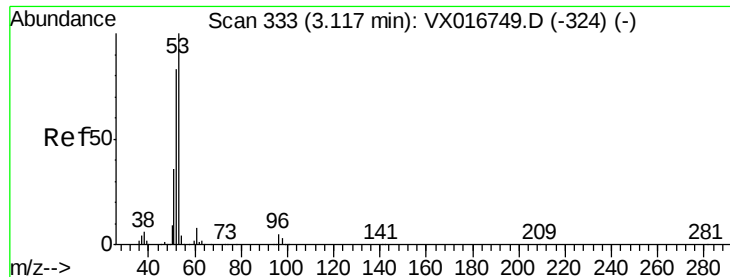
Ion Ratio Lower Upper

41 100

39 61.1 50.2 75.4

76 37.6 30.4 45.6





#15

Acrylonitrile

Concen: 91.893 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampled :

VX0617WBS01

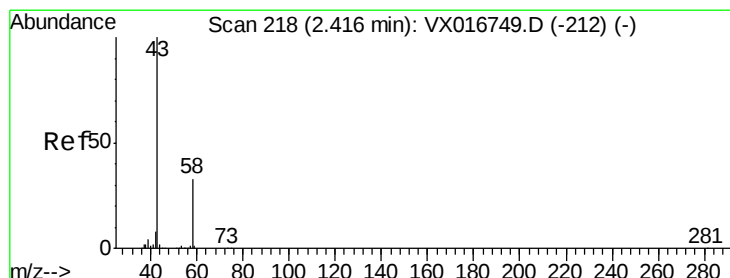
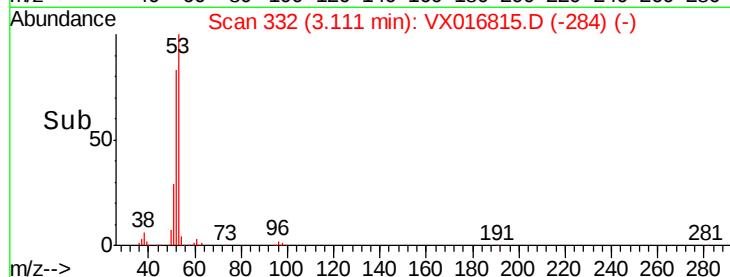
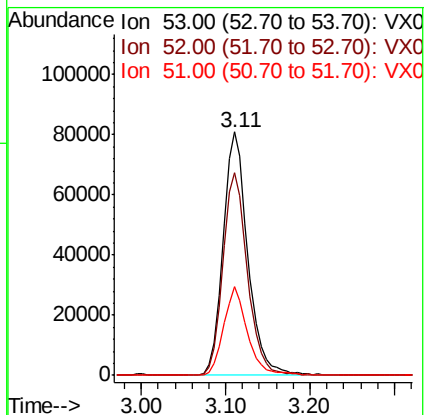
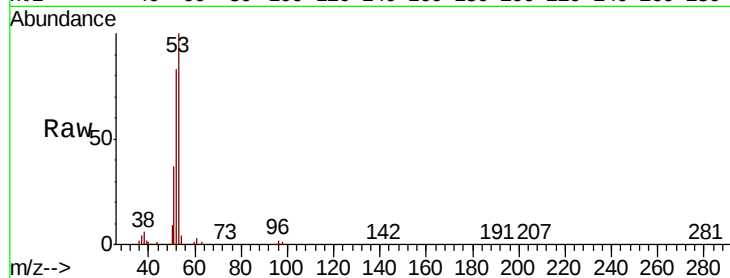
Tot Ion: 53 Resp: 162719

Ion Ratio Lower Upper

53 100

52 83.0 65.5 98.3

51 35.5 28.6 42.8



#16

Acetone

Concen: 95.158 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016815.D

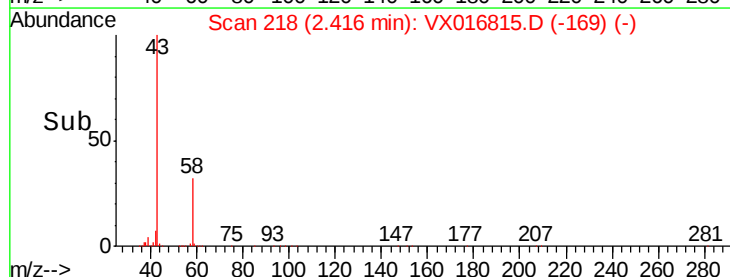
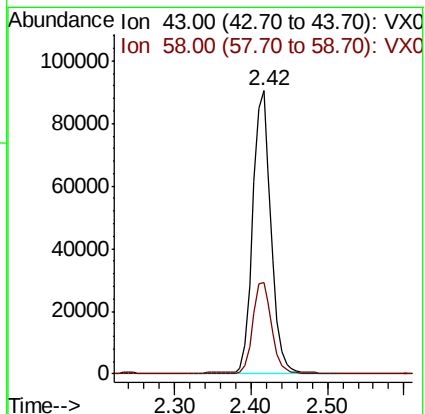
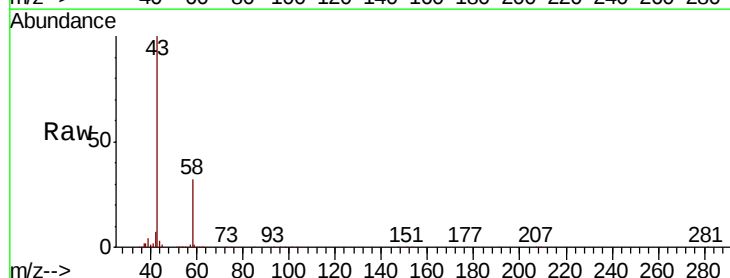
Acq: 17 Jun 2020 14:44

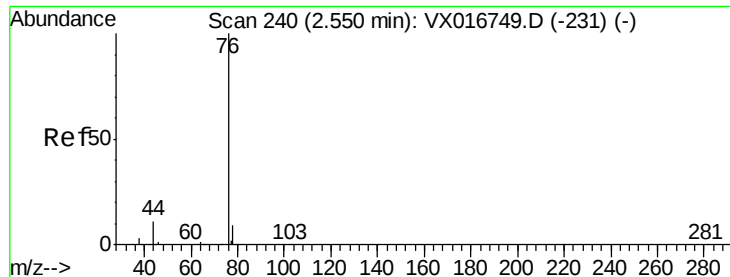
Tgt Ion: 43 Resp: 149936

Ion Ratio Lower Upper

43 100

58 32.0 26.3 39.5

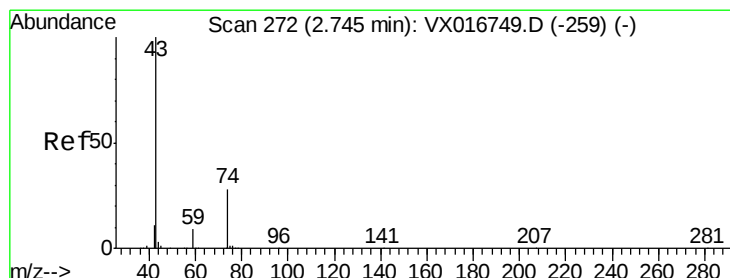
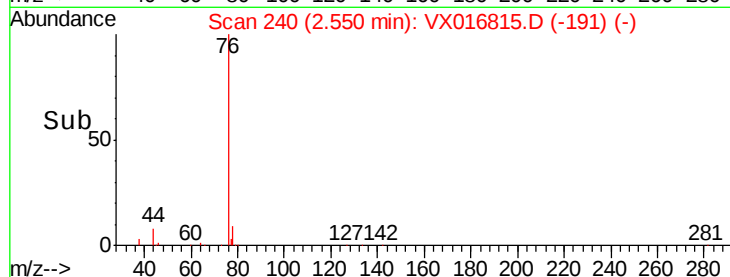
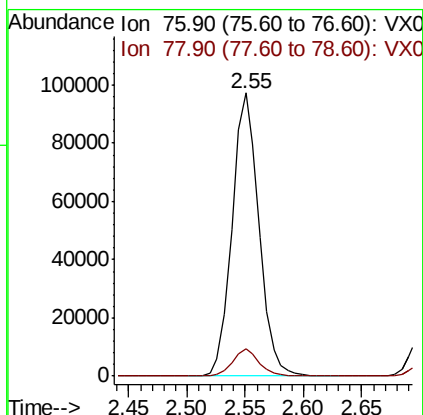
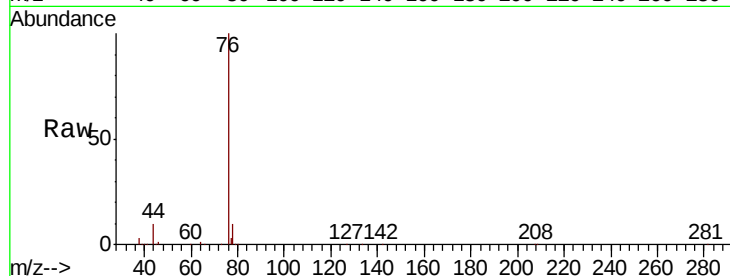




#17
Carbon Disulfide
Concen: 18.083 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

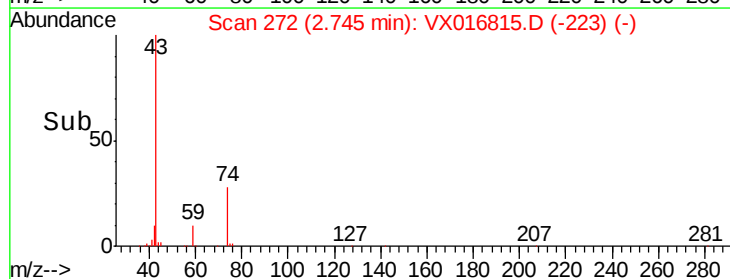
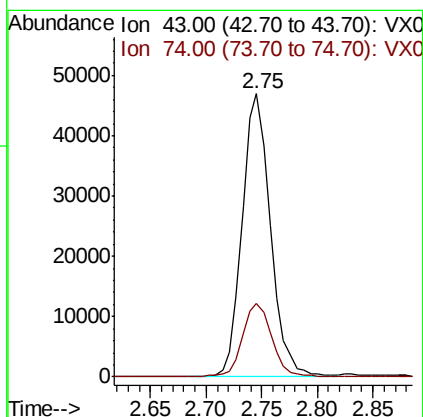
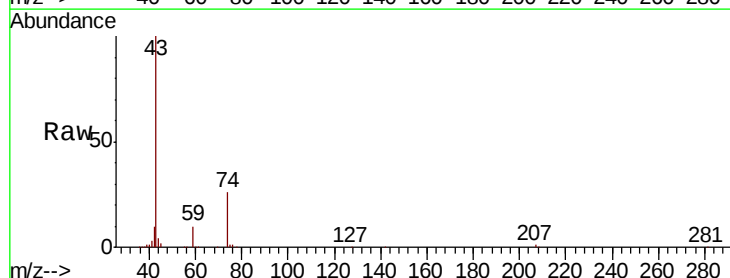
Instrument :
MSVOA_X
ClientSampled :
VX0617WBS01

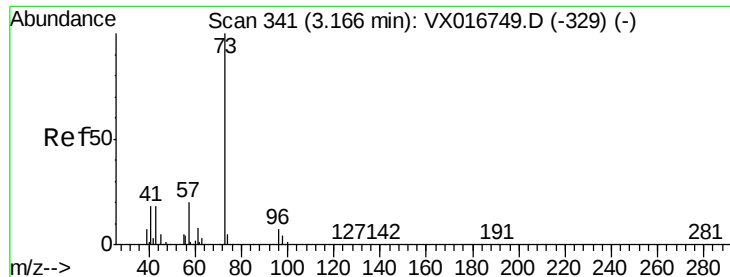
Tot Ion: 76 Resp: 156314
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 19.833 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 43 Resp: 83411
Ion Ratio Lower Upper
43 100
74 27.0 22.4 33.6



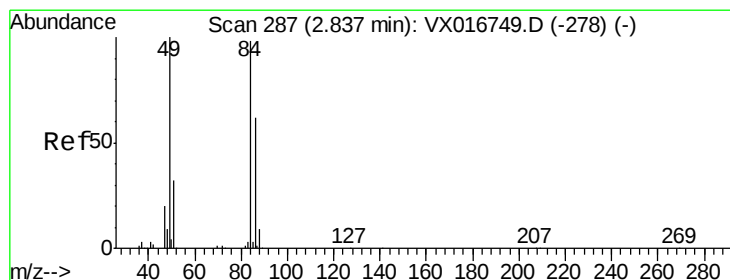
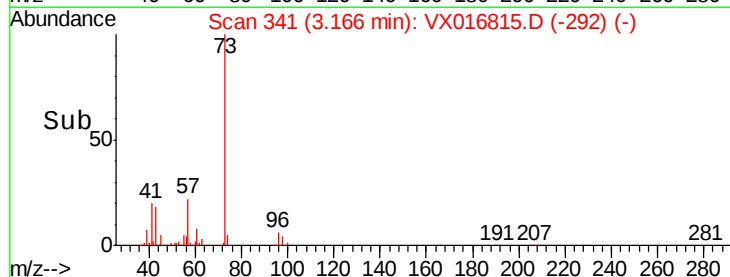
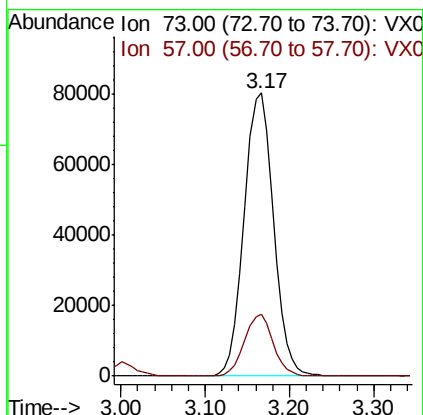
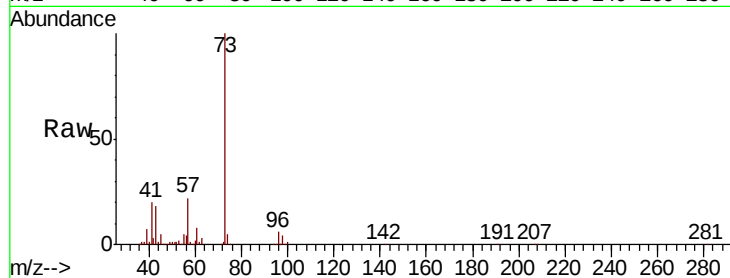


#19

Methyl tert-butyl Ether
 Concen: 18.450 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

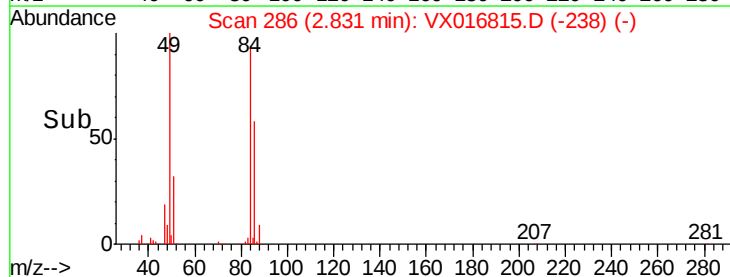
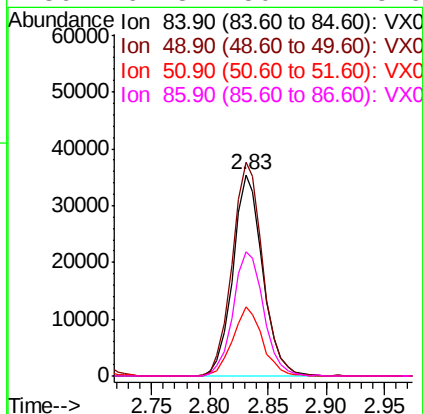
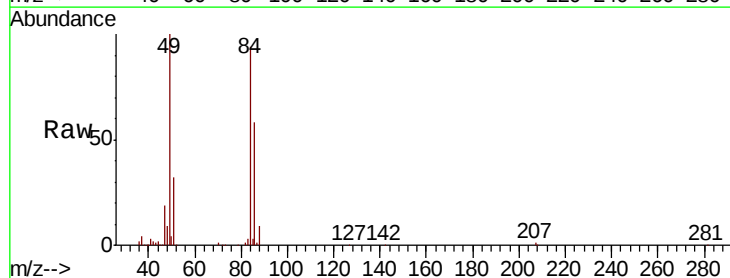
Tot Ion: 73 Resp: 189801
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.2 24.4

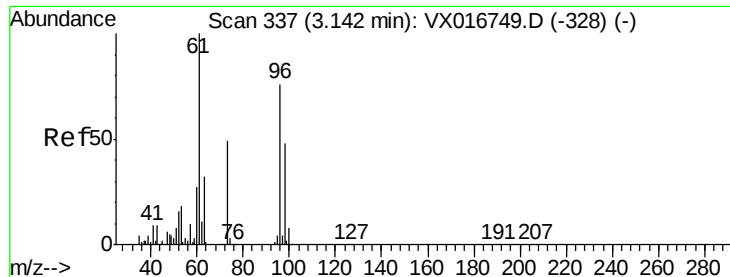


#20

Methylene Chloride
 Concen: 18.640 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion: 84 Resp: 63262
 Ion Ratio Lower Upper
 84 100
 49 106.2 81.8 122.8
 51 34.5 25.8 38.8
 86 61.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 18.832 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

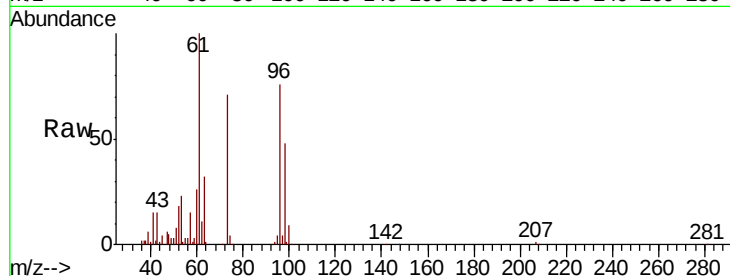
Tot Ion: 96 Resp: 61081

Ion Ratio Lower Upper

96 100

61 132.3 105.4 158.2

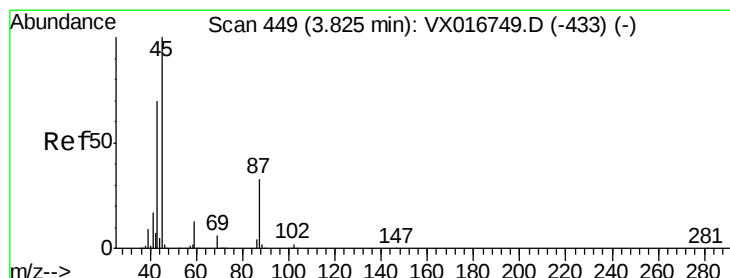
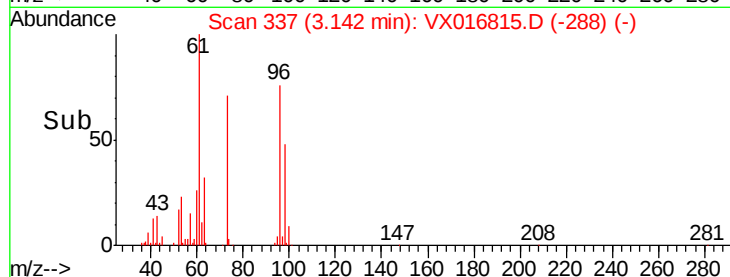
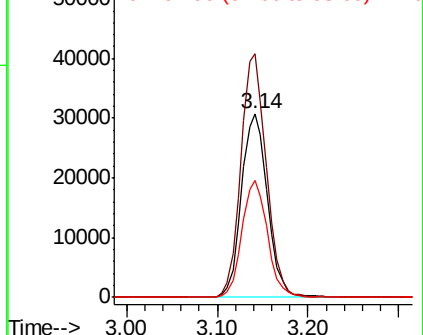
98 63.2 50.8 76.2



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: 19.888 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion: 45 Resp: 176354

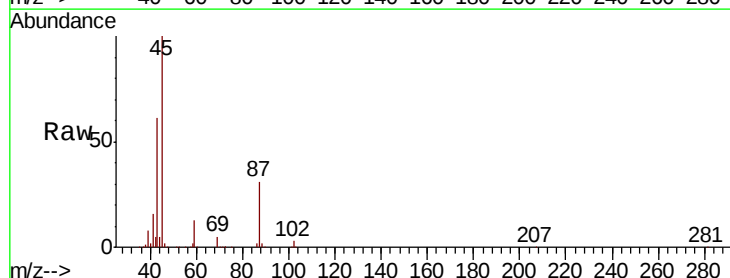
Ion Ratio Lower Upper

45 100

43 60.4 56.2 84.4

87 30.8 26.2 39.4

59 12.8 10.3 15.5

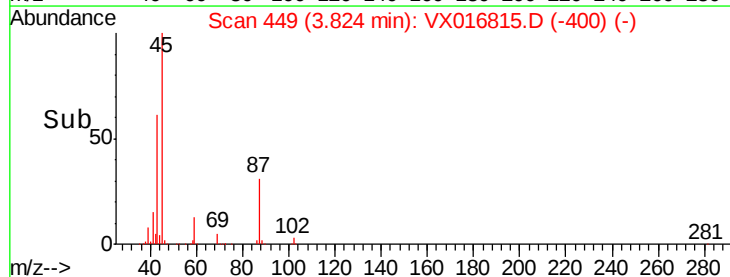
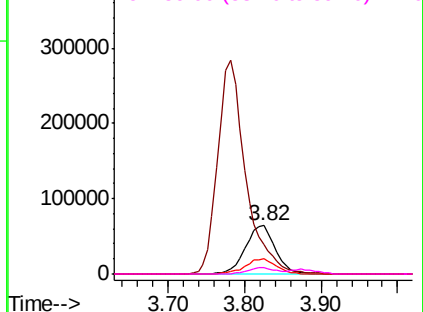


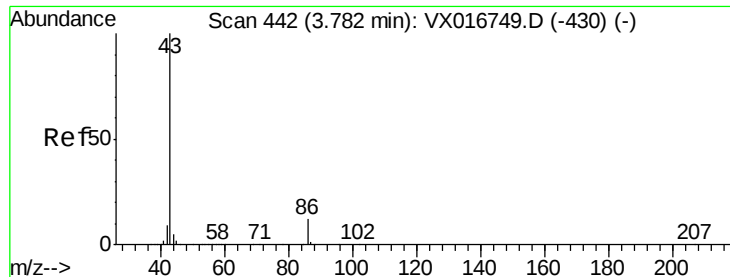
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 94.133 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

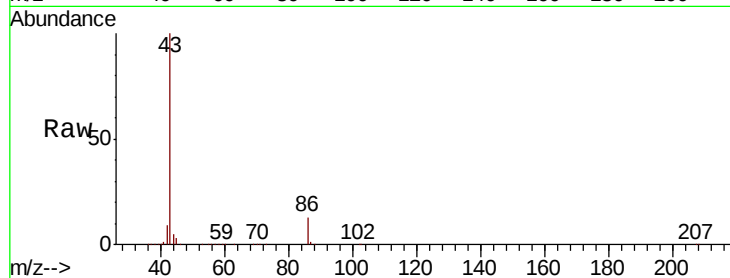
VX0617WBS01

Tot Ion: 43 Resp: 721452

Ion Ratio Lower Upper

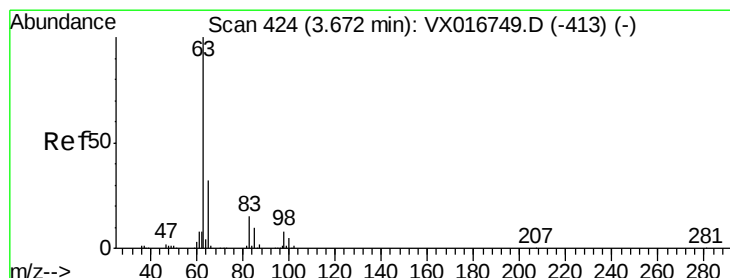
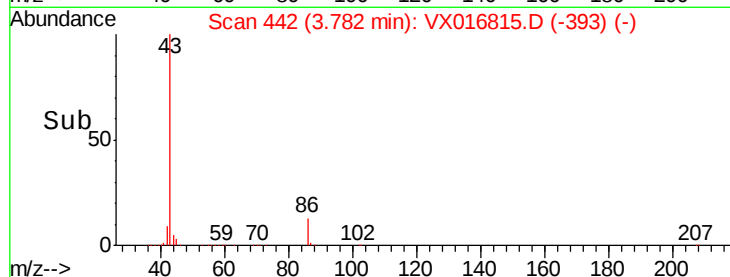
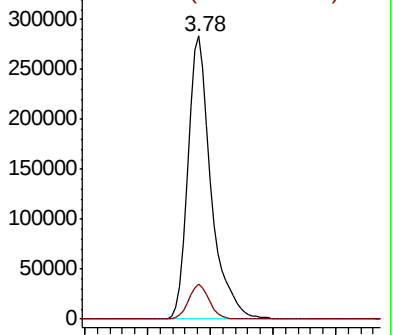
43 100

86 12.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.977 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

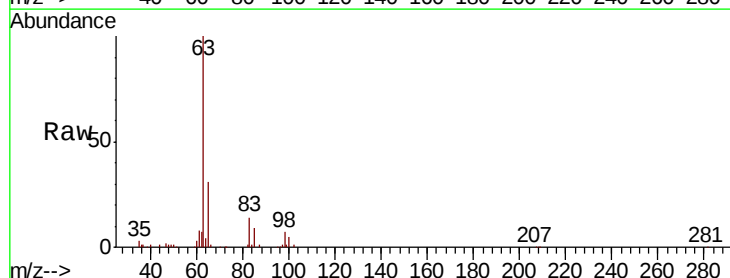
Tgt Ion: 63 Resp: 105244

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

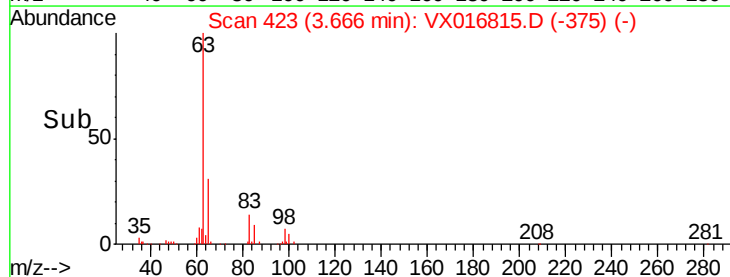
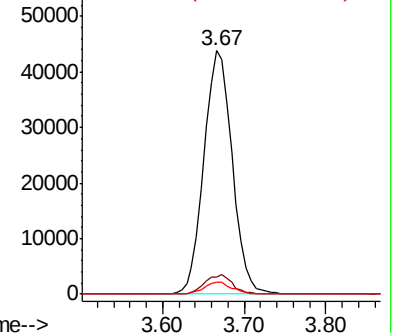
100 4.9 2.3 6.9

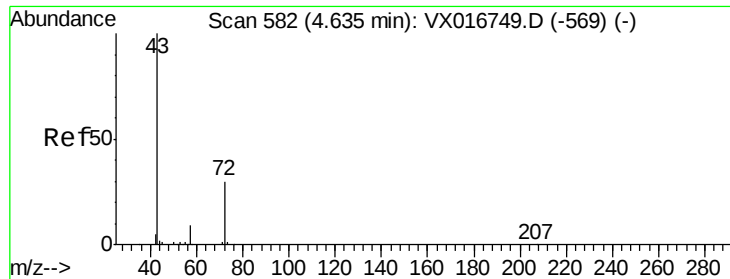


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 92.343 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

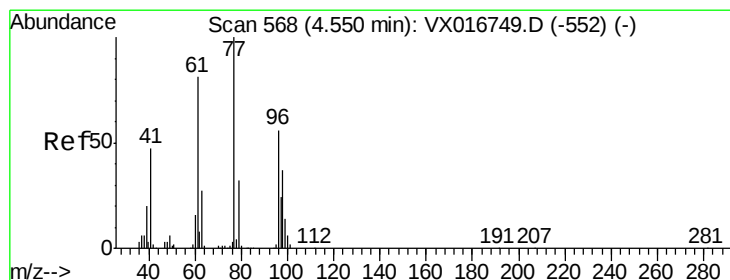
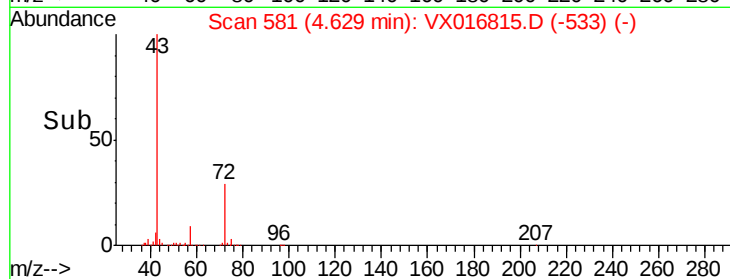
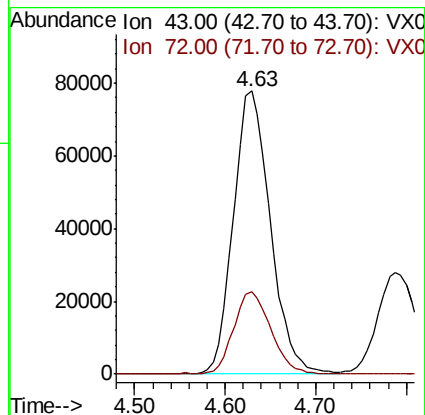
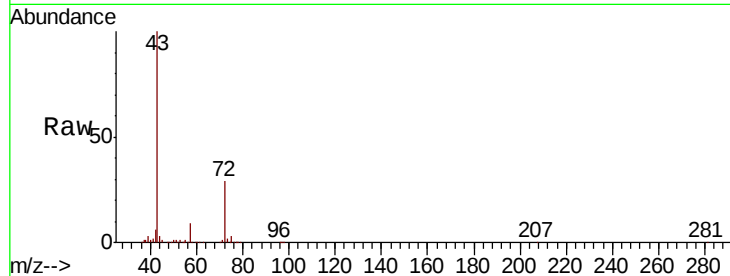
VX0617WBS01

Tot Ion: 43 Resp: 219285

Ion Ratio Lower Upper

43 100

72 29.0 24.2 36.4



#26

2,2-Dichloropropane

Concen: 18.242 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016815.D

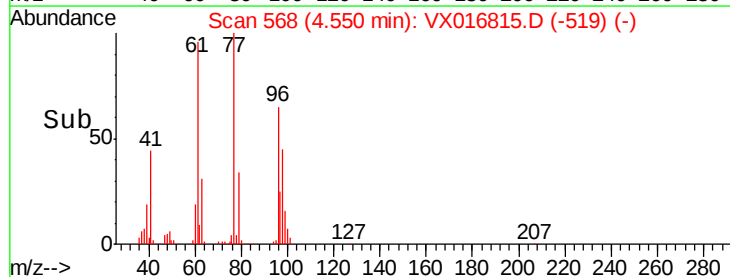
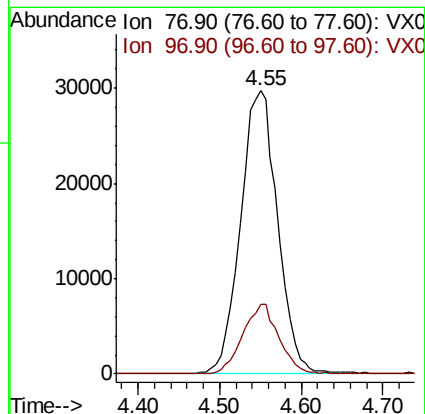
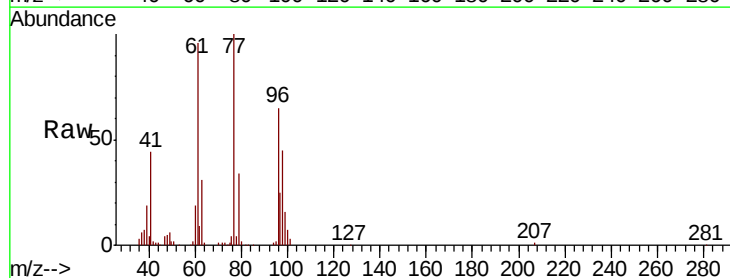
Acq: 17 Jun 2020 14:44

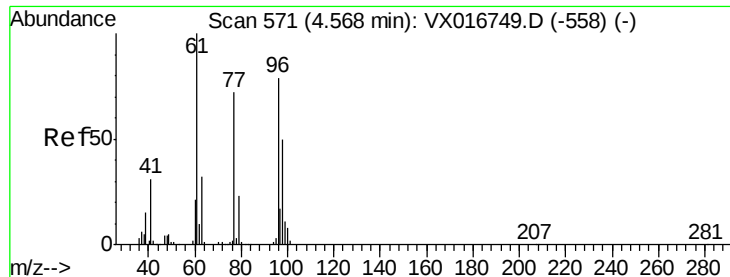
Tgt Ion: 77 Resp: 93678

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.4



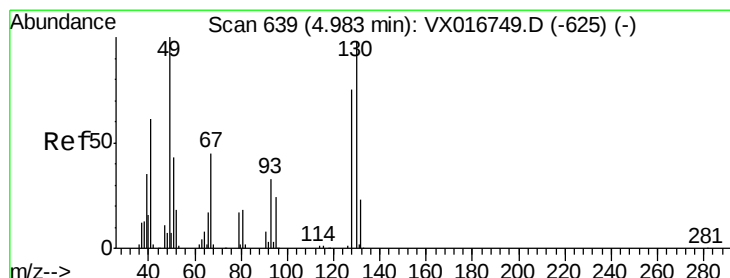
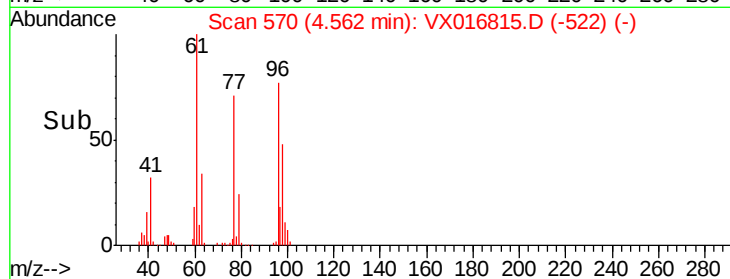
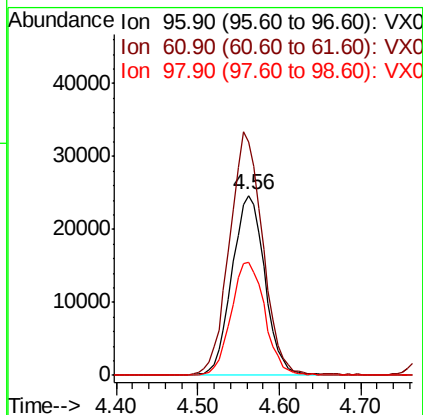
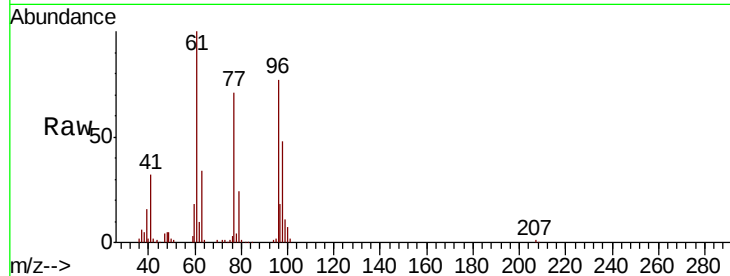


#27

cis-1,2-Dichloroethene
 Concen: 18.631 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

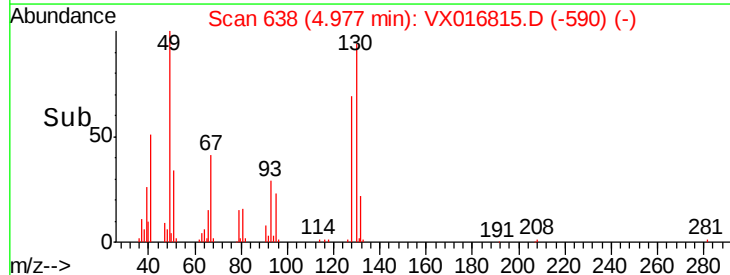
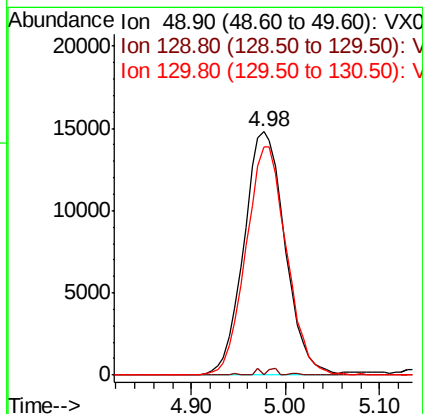
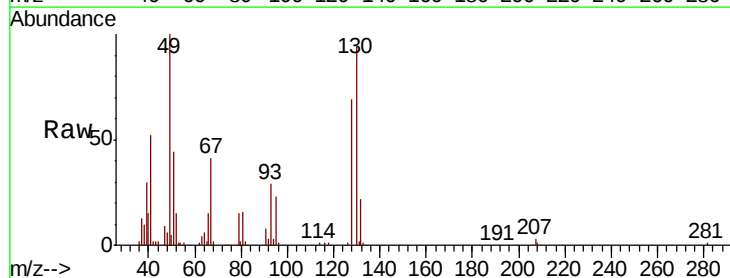
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	276.2
98	64.1	0.0	130.0

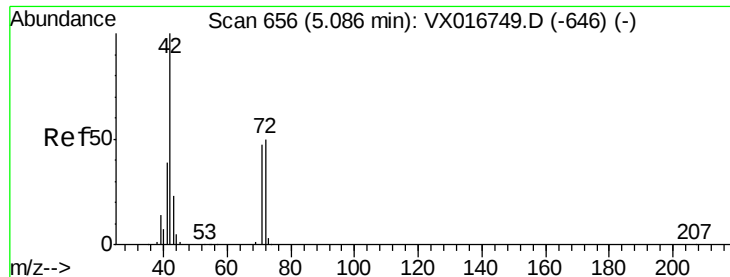


#28

Bromochloromethane
 Concen: 19.098 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.8
130	92.5	76.0	114.0

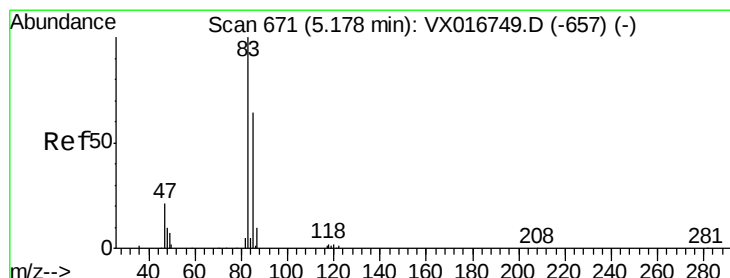
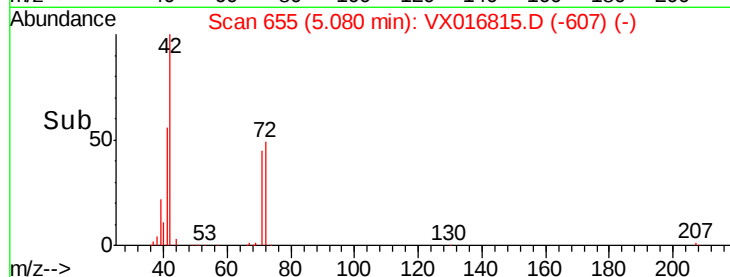
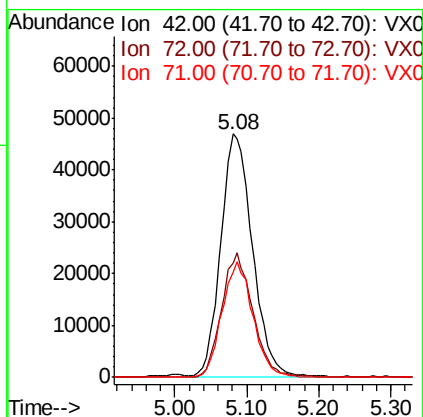
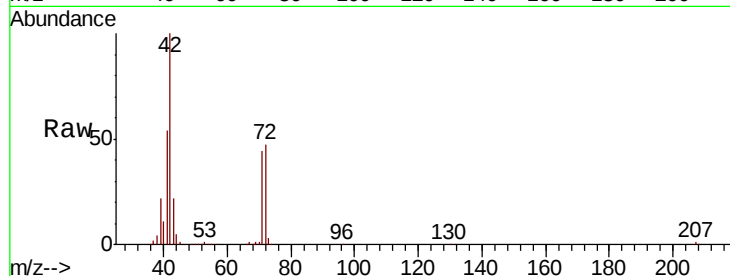




#29
Tetrahydrofuran
Concen: 93.197 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

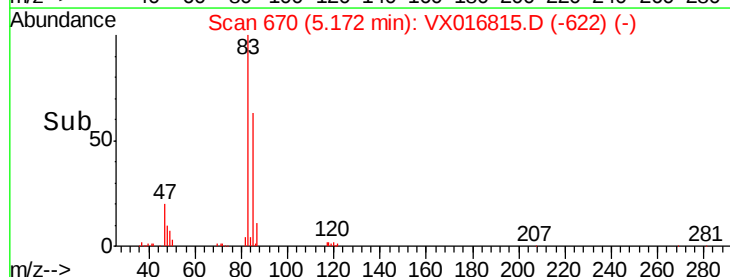
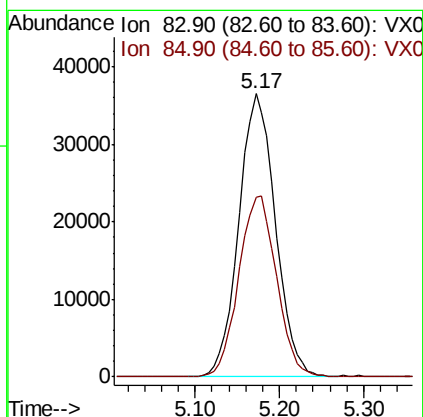
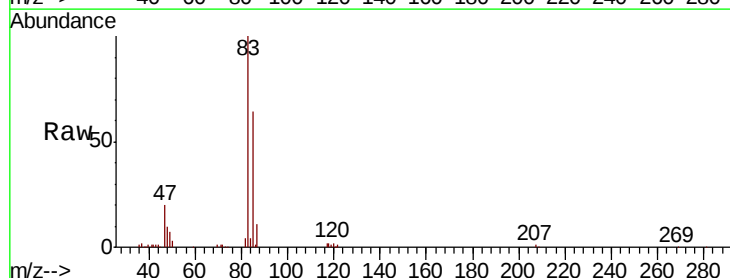
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

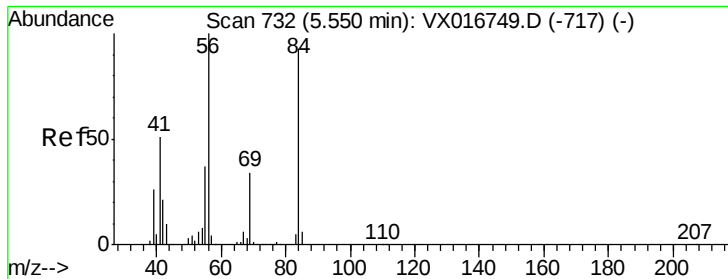
Tot Ion: 42 Resp: 143368
Ion Ratio Lower Upper
42 100
72 50.6 41.0 61.6
71 46.5 38.2 57.4



#30
Chloroform
Concen: 18.335 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 83 Resp: 107581
Ion Ratio Lower Upper
83 100
85 63.6 50.8 76.2

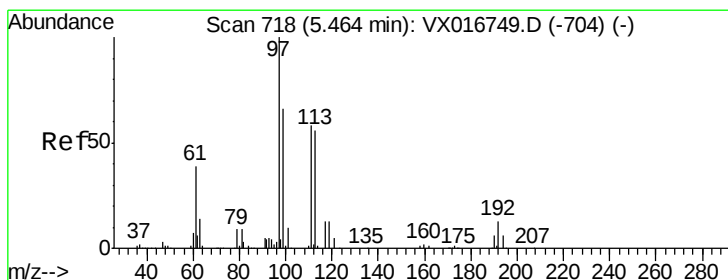
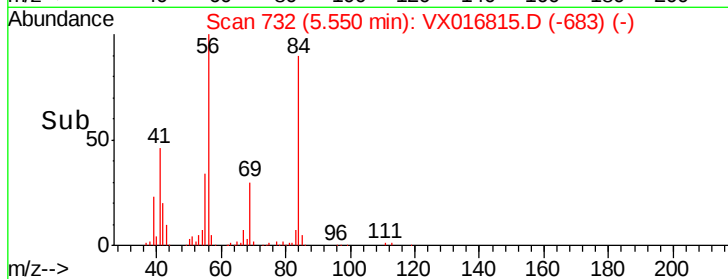
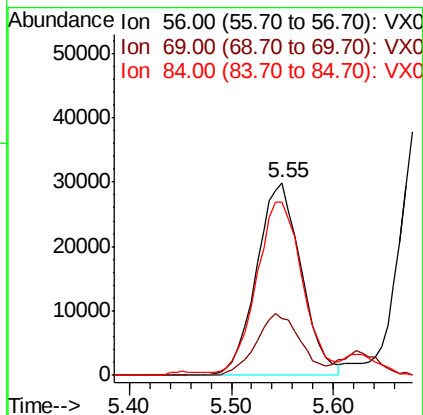
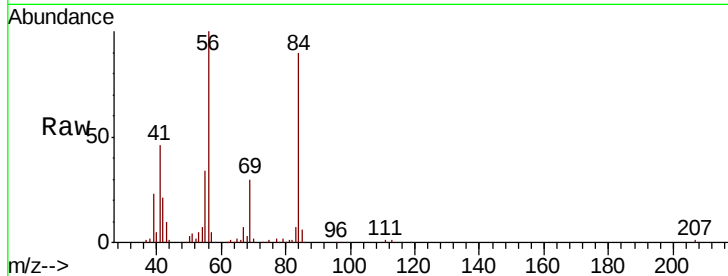




#31
Cyclohexane
Concen: 20.716 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

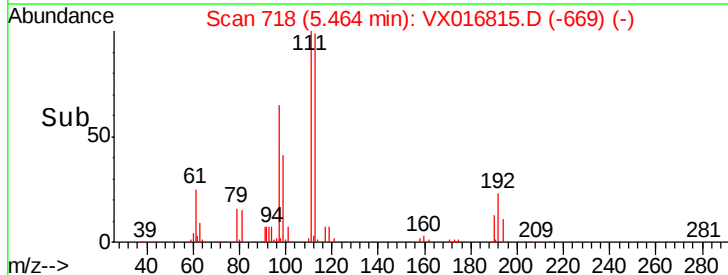
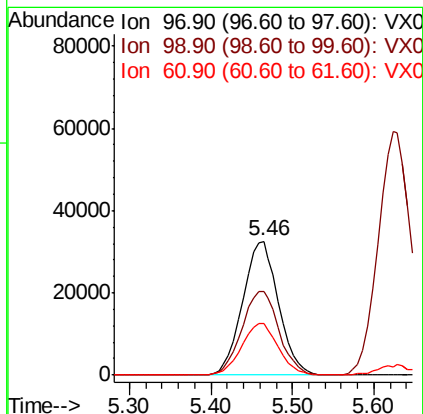
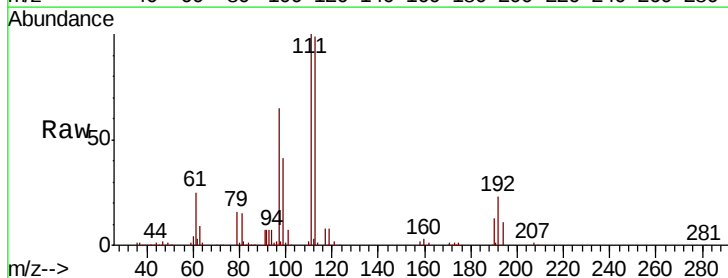
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

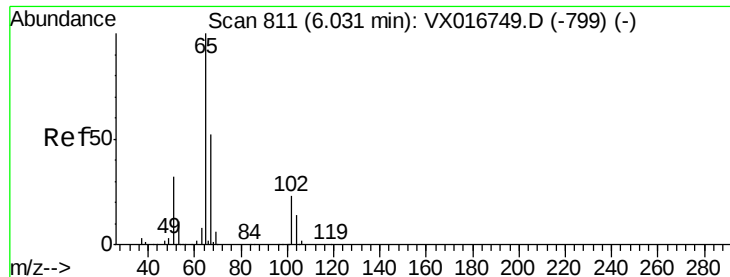
Tot Ion: 56 Resp: 90671
Ion Ratio Lower Upper
56 100
69 29.4 27.1 40.7
84 88.0 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 18.678 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 97 Resp: 99444
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 39.5 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.313 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

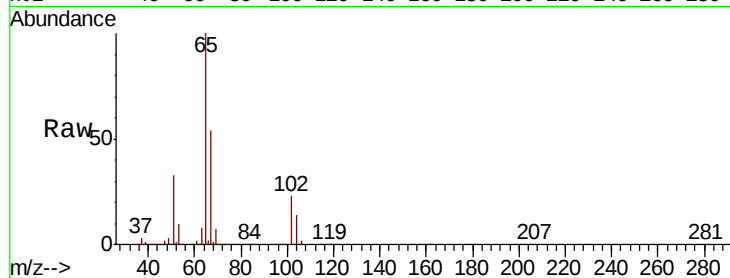
VX0617WBS01

Tot Ion: 65 Resp: 167807

Ion Ratio Lower Upper

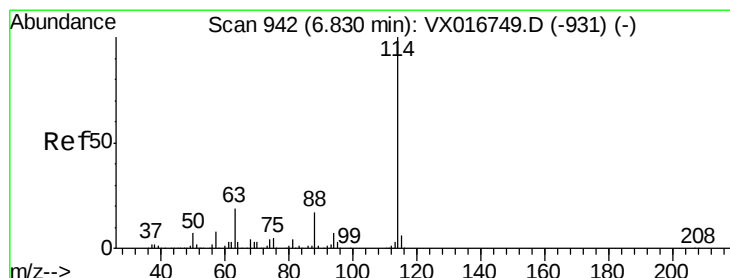
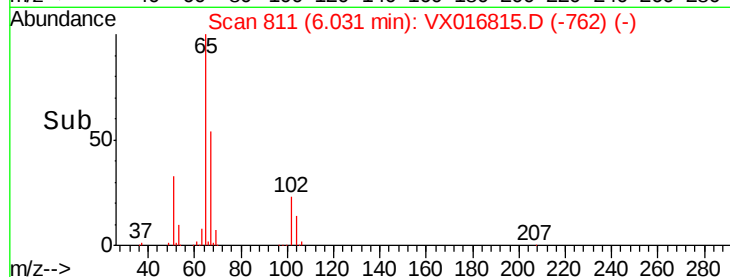
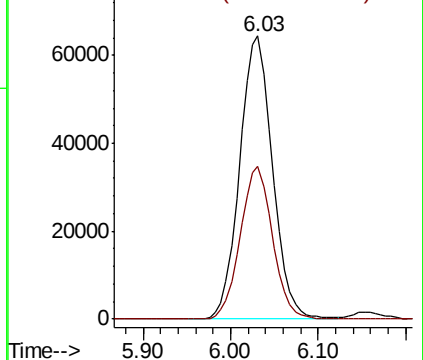
65 100

67 53.0 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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

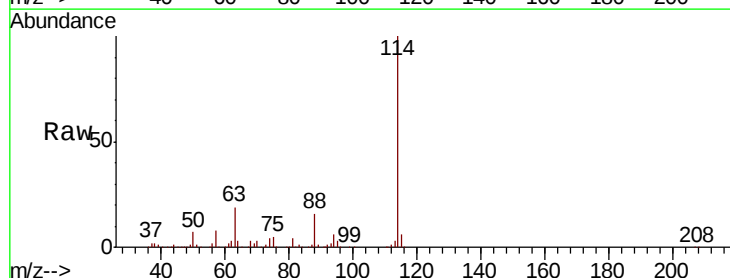
Tgt Ion: 114 Resp: 466990

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.8

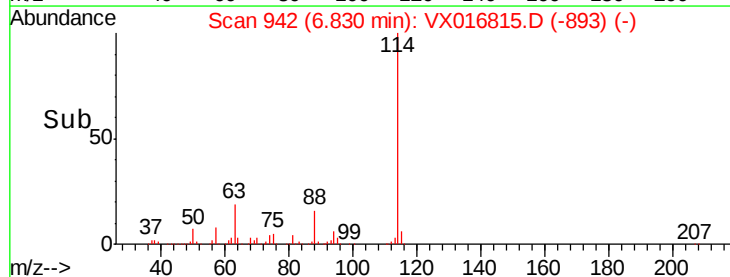
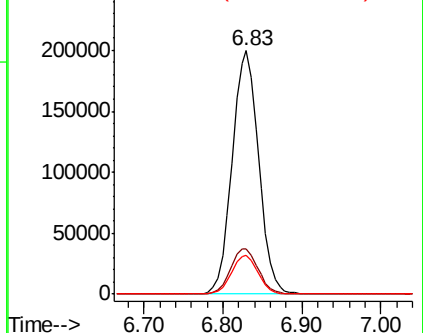
88 16.1 0.0 33.4

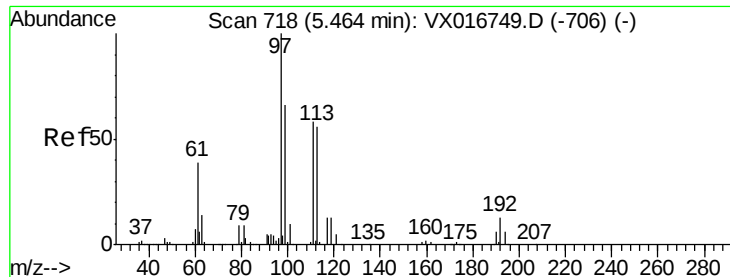


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

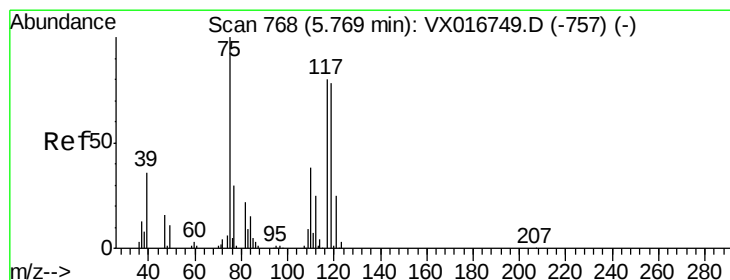
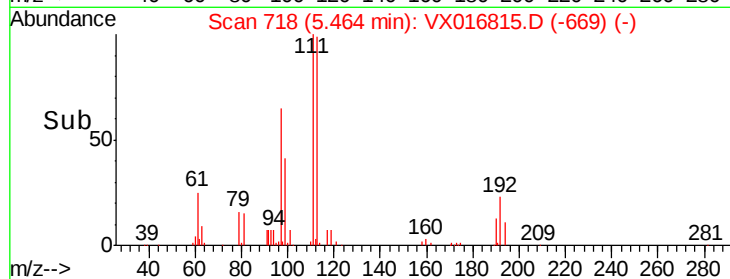
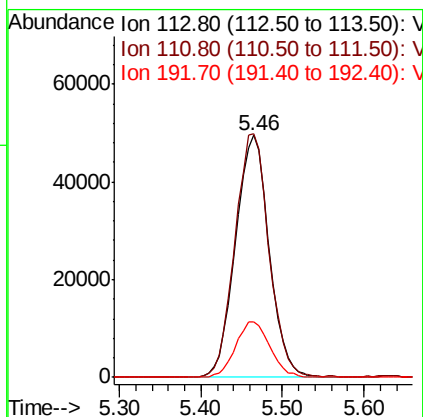
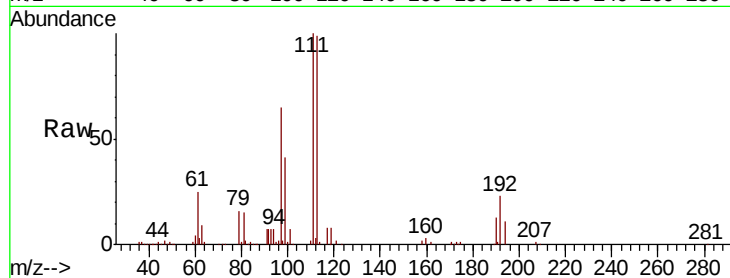




#35
 Dibromofluoromethane
 Concen: 49.111 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

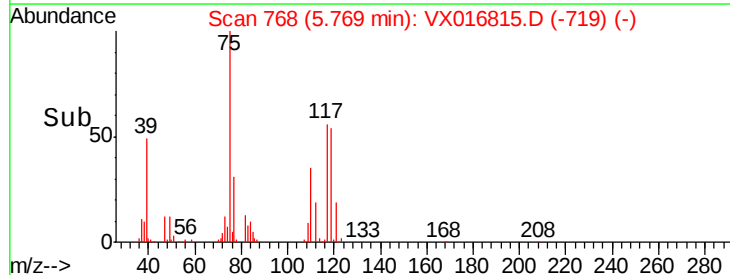
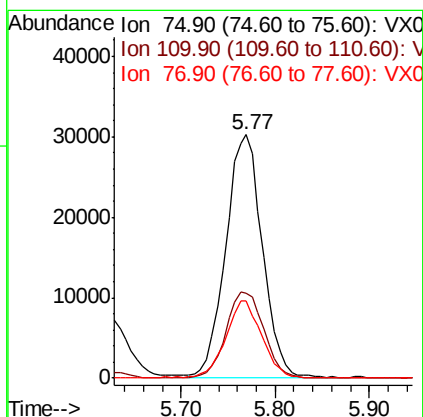
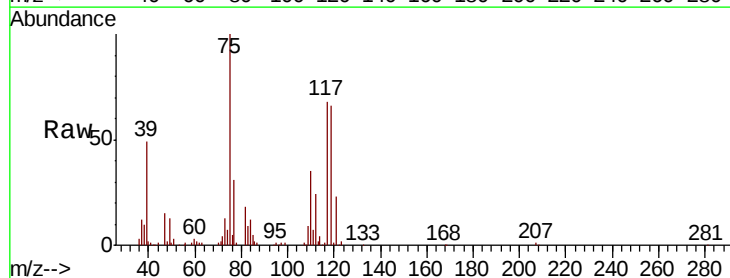
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

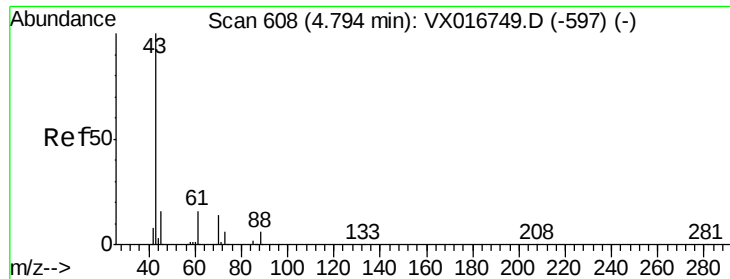
Tot Ion:113 Resp: 141500
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.6
 192 23.4 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 19.792 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion: 75 Resp: 81681
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.2
 77 31.5 24.7 37.1

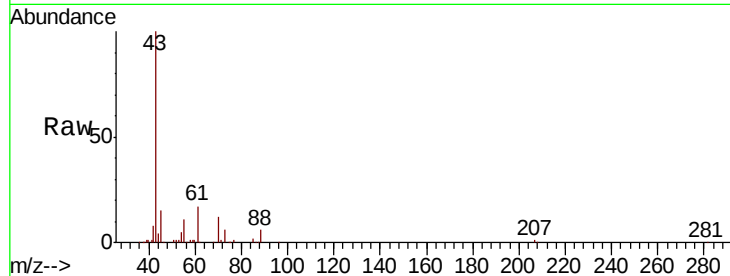




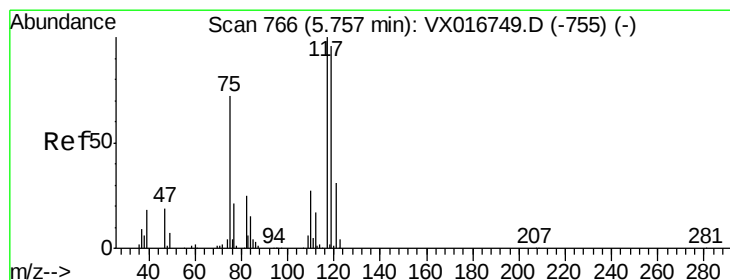
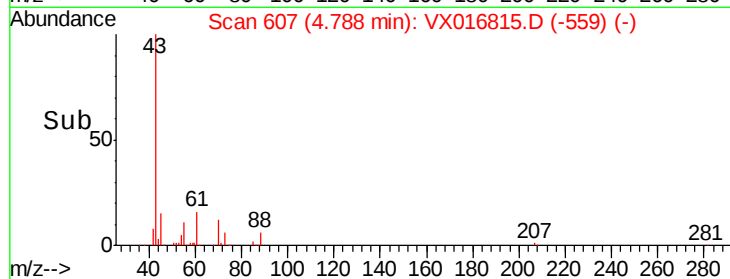
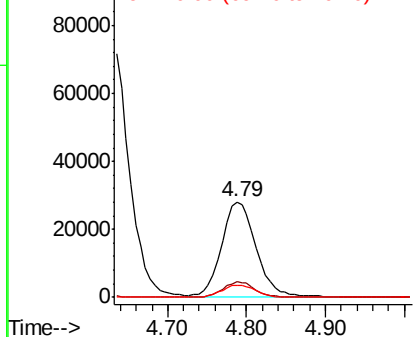
#37
Ethyl Acetate
Concen: 18.755 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion: 43 Resp: 84763
Ion Ratio Lower Upper
43 100
61 15.5 12.4 18.6
70 12.7 10.8 16.2

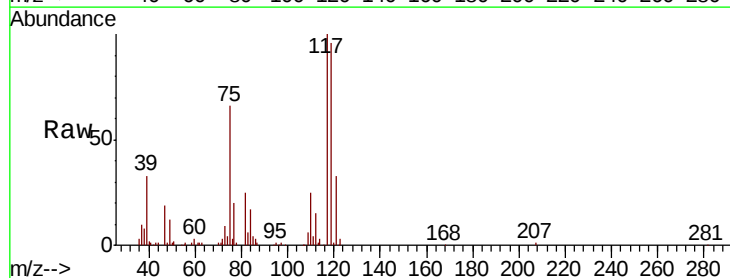


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

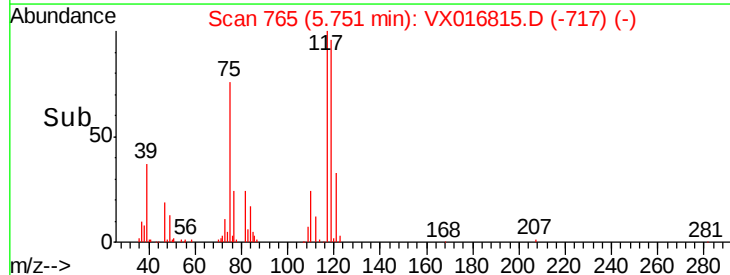
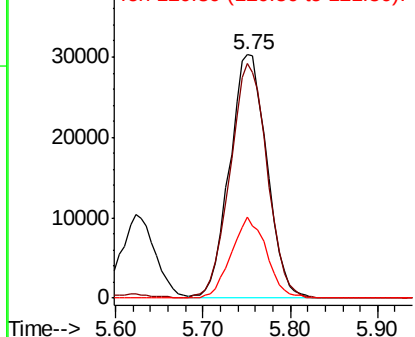


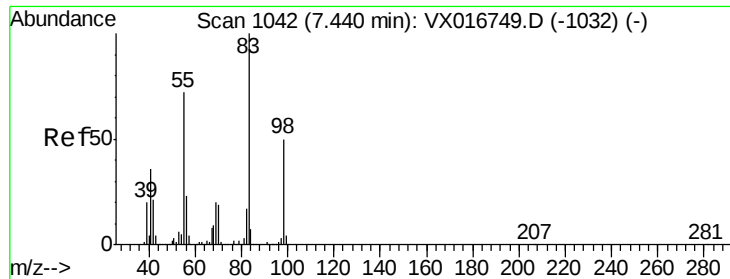
#38
Carbon Tetrachloride
Concen: 19.170 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 117 Resp: 89846
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1
121 33.2 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

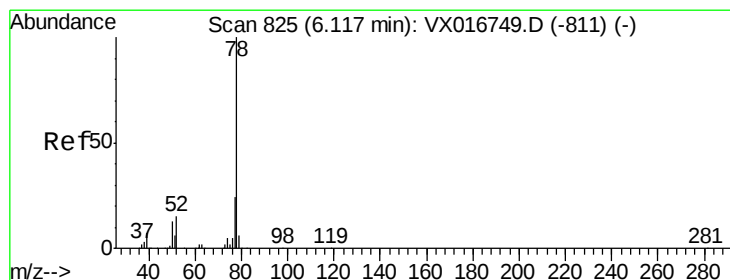
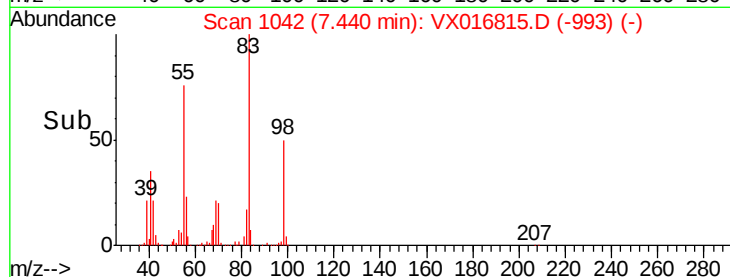
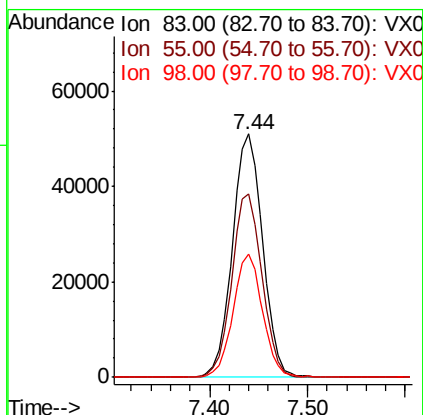
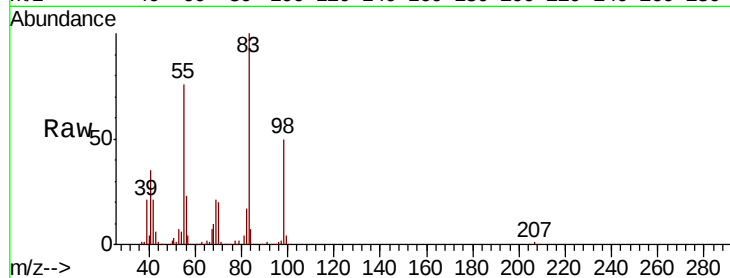




#39
Methvlcvclohexane
Concen: 23.347 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

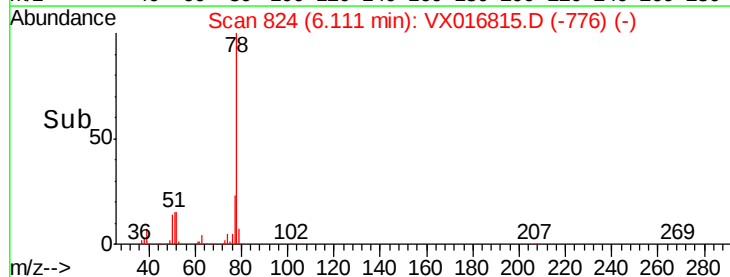
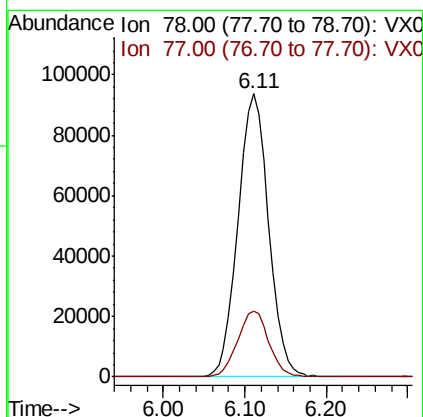
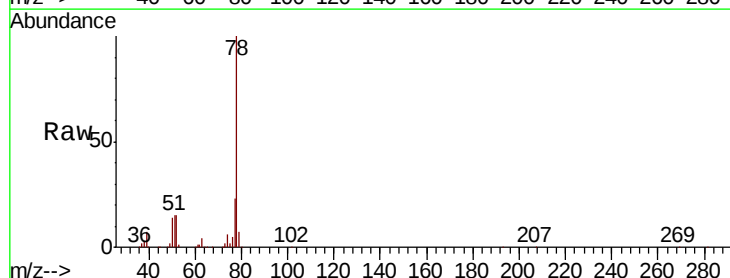
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

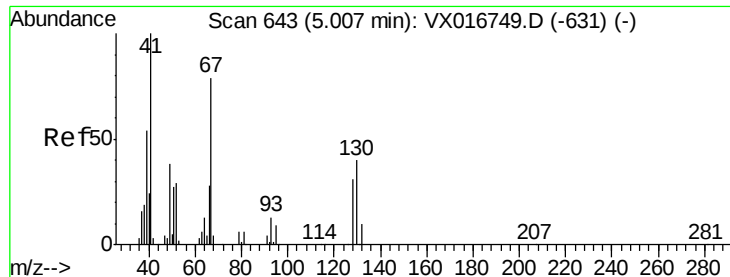
Tot Ion: 83 Resp: 109248
Ion Ratio Lower Upper
83 100
55 75.6 57.3 85.9
98 50.5 40.3 60.5



#40
Benzene
Concen: 19.448 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 78 Resp: 244365
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

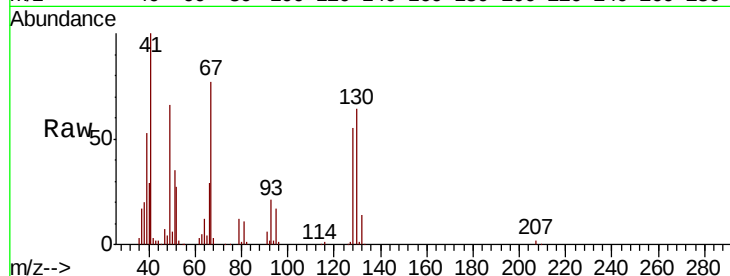




#41
Methacrylonitrile
Concen: 18.891 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion:	41	Resp:	45522
Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.7	65.5
67	79.2	64.6	96.8
52	31.1	25.6	38.4



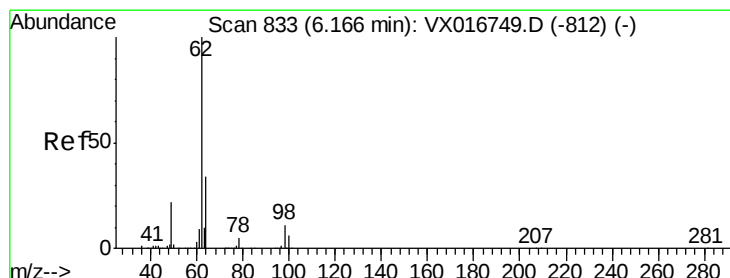
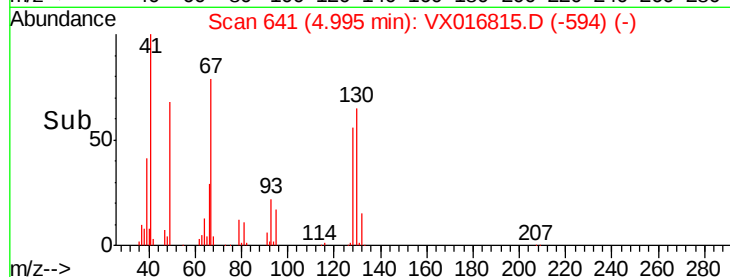
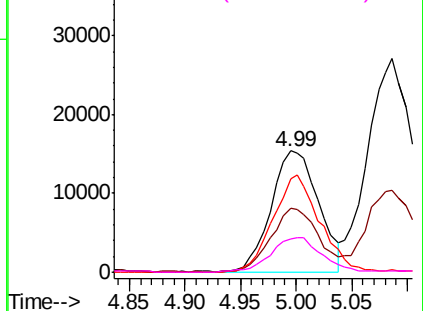
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

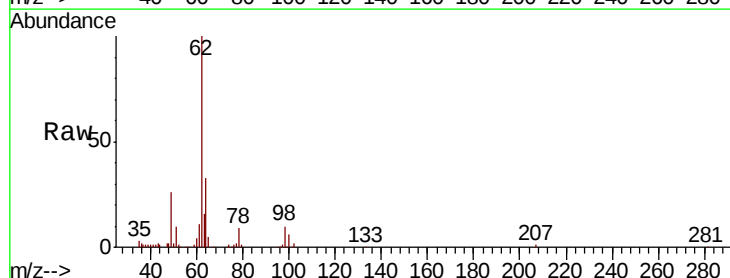
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.393 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

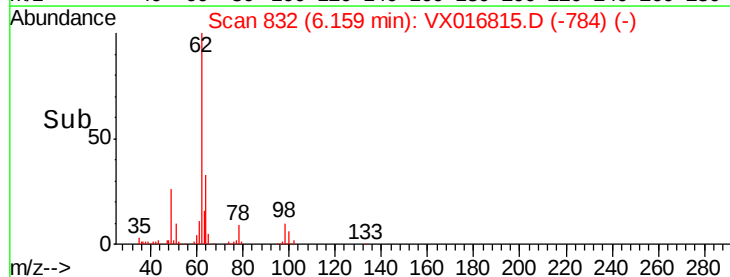
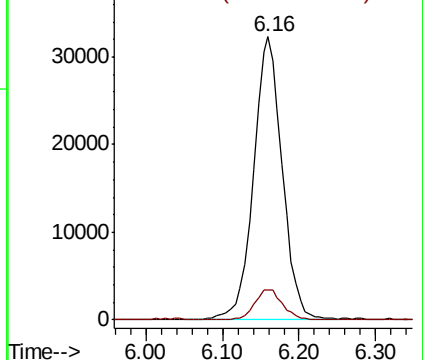
Tgt Ion:	62	Resp:	84349
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2

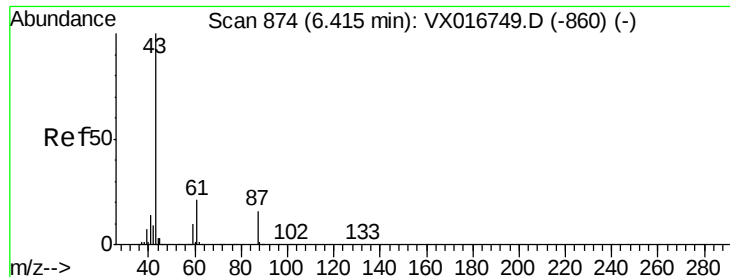


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



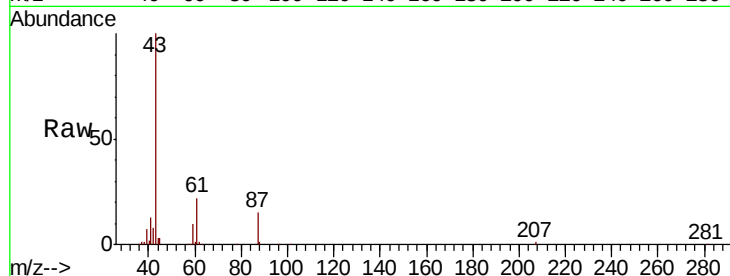


#43

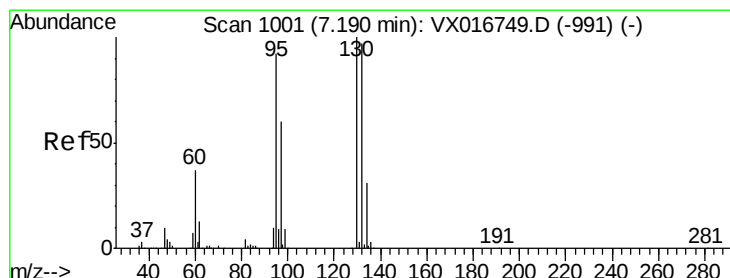
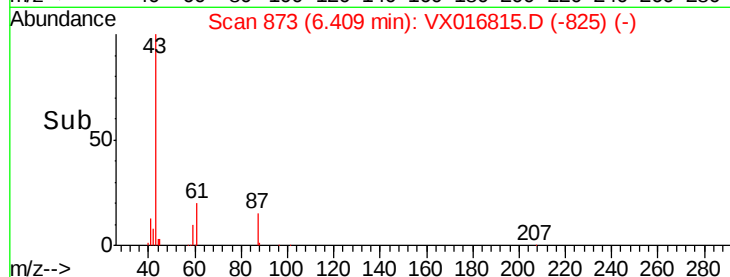
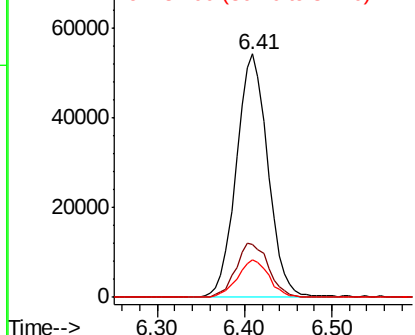
Isopropyl Acetate
 Concen: 19.099 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	43	Resp	135282
Ion Ratio	Lower	Upper	
43	100		
61	22.9	17.7	26.5
87	15.4	12.5	18.7



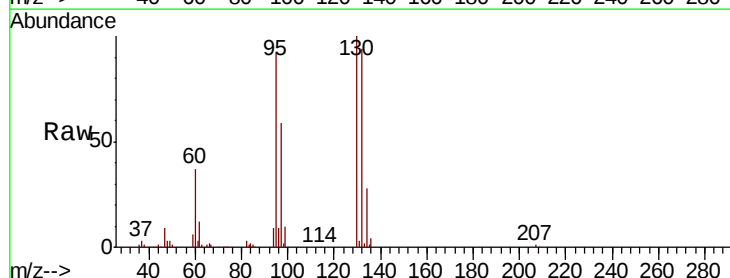
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



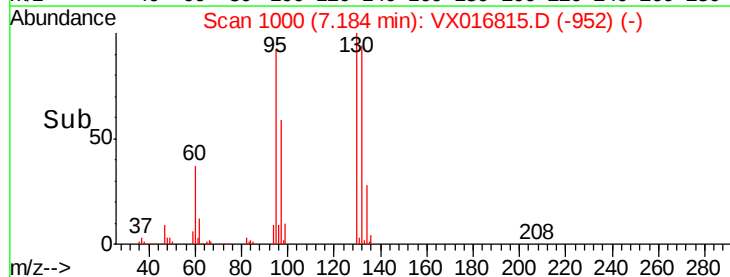
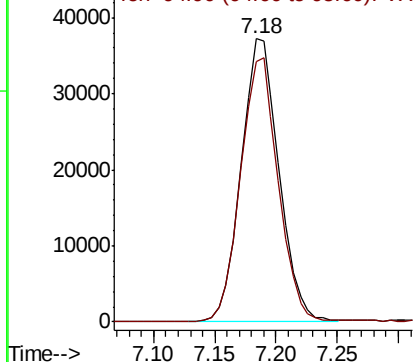
#44

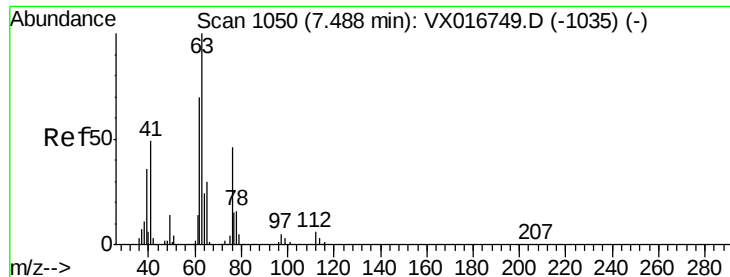
Trichloroethene
 Concen: 20.628 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion	130	Resp	80174
Ion Ratio	Lower	Upper	
130	100		
95	91.8	0.0	183.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 23.582 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

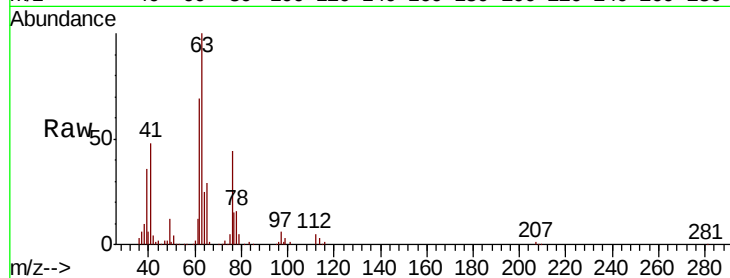
VX0617WBS01

Tot Ion: 63 Resp: 72637

Ion Ratio Lower Upper

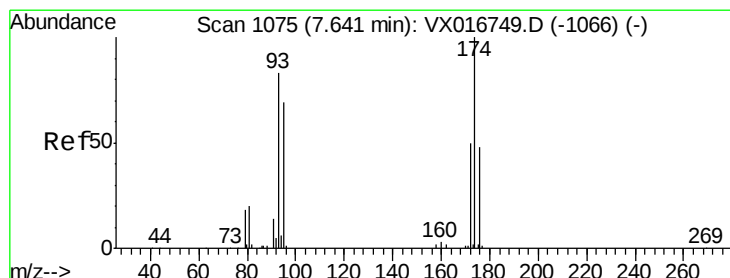
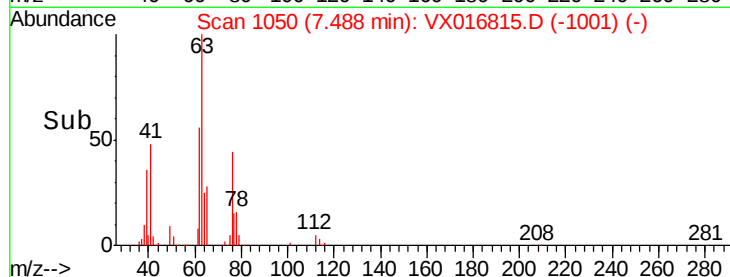
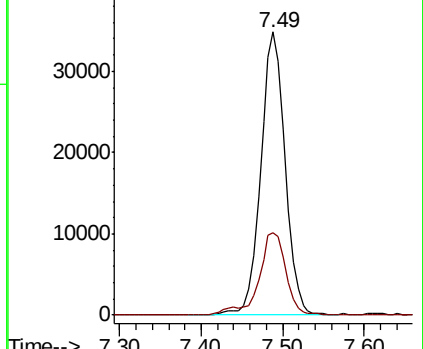
63 100

65 29.3 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: 20.206 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

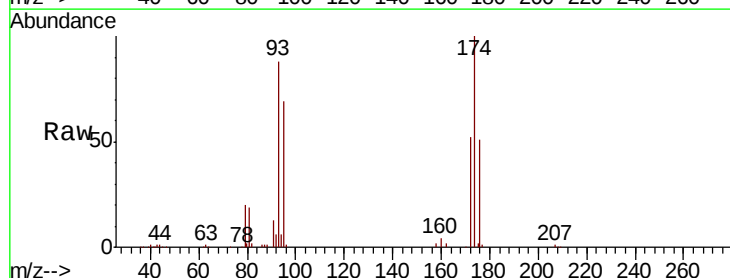
Tgt Ion: 93 Resp: 45361

Ion Ratio Lower Upper

93 100

95 84.5 66.9 100.3

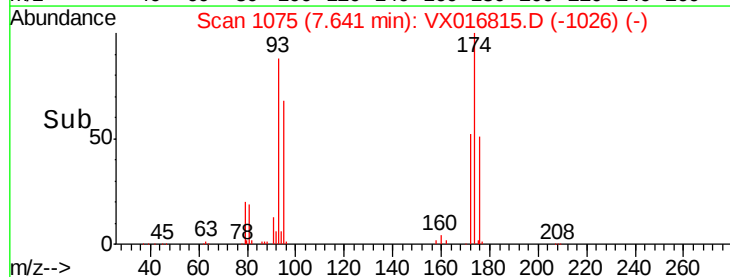
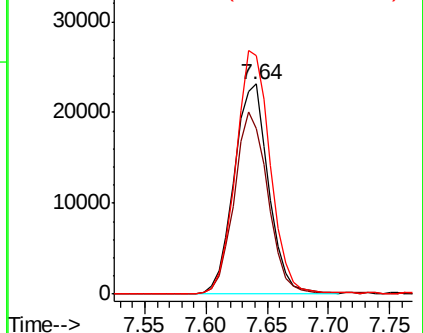
174 116.1 93.8 140.8

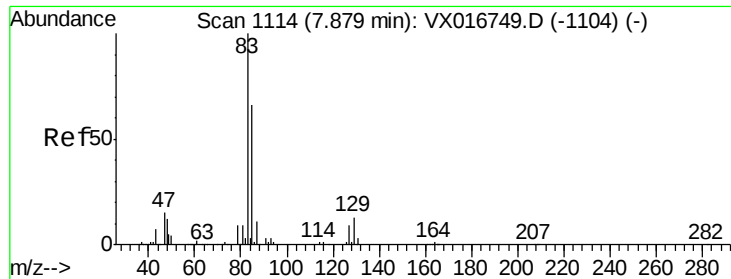


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.464 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

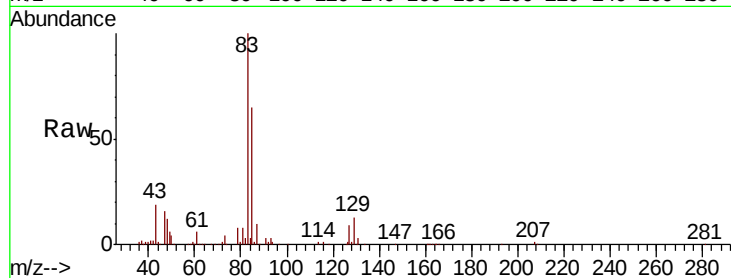
Tot Ion: 83 Resp: 100457

Ion Ratio Lower Upper

83 100

85 64.6 52.5 78.7

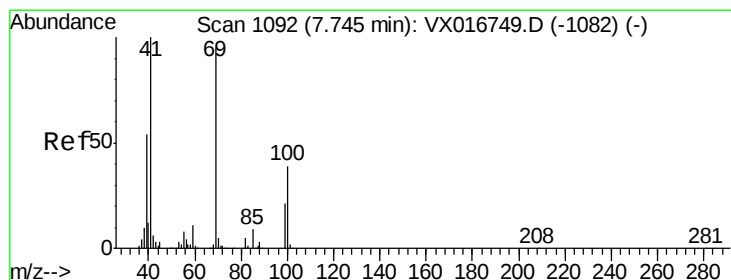
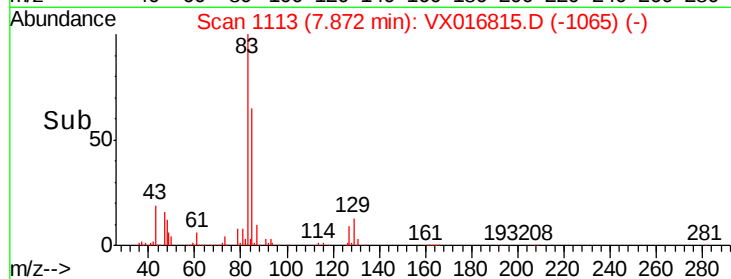
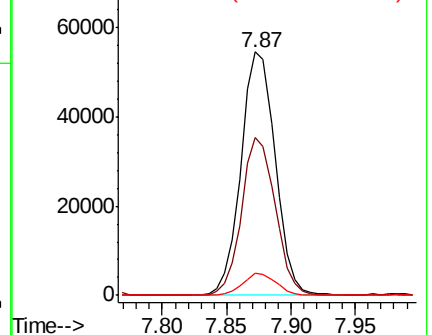
127 9.1 7.5 11.3



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: 22.402 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

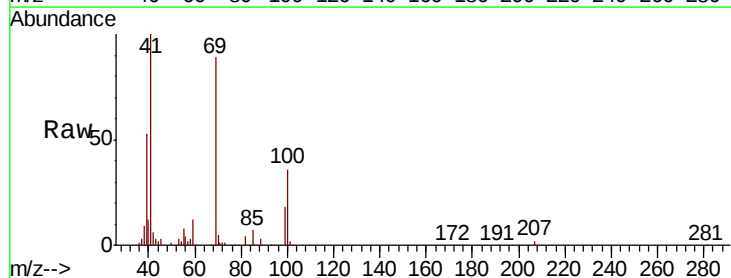
Tgt Ion: 41 Resp: 75208

Ion Ratio Lower Upper

41 100

69 90.7 75.0 112.6

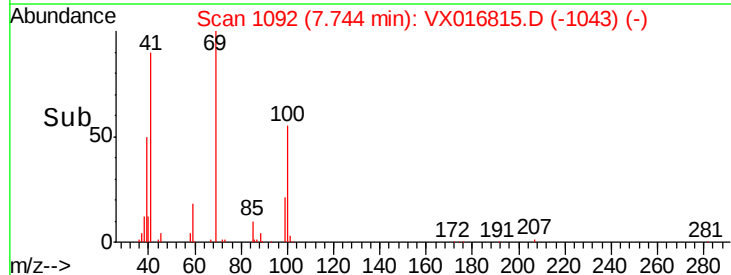
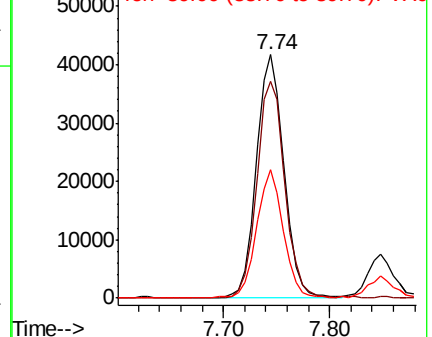
39 51.8 44.3 66.5

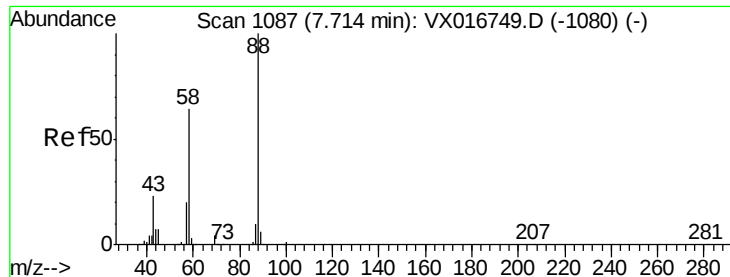


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 449.417 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampled :

VX0617WBS01

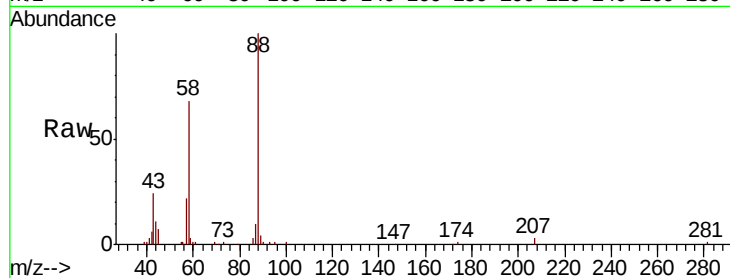
Tot Ion: 88 Resp: 37338

Ion Ratio Lower Upper

88 100

43 32.0 22.9 34.3

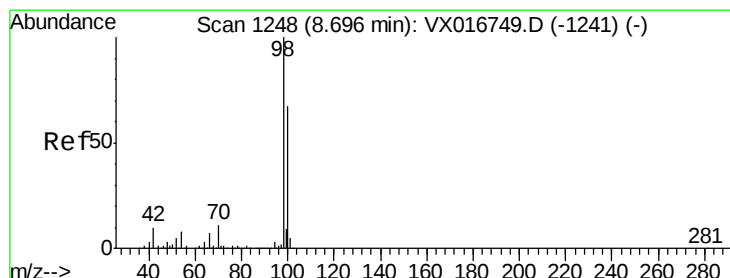
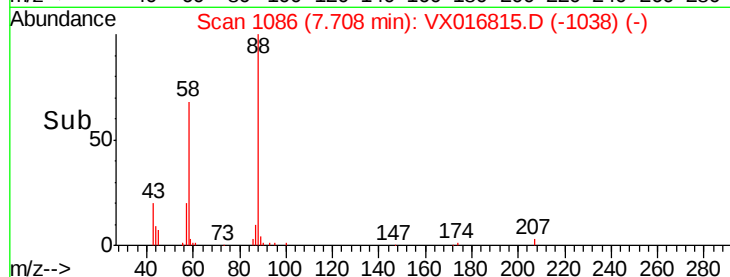
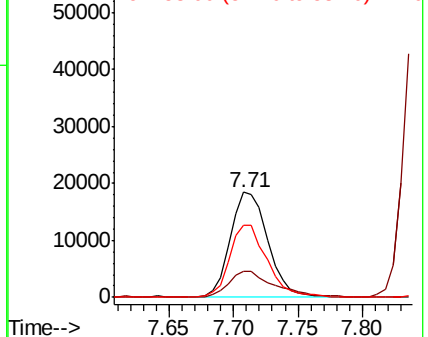
58 68.8 53.7 80.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 56.478 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016815.D

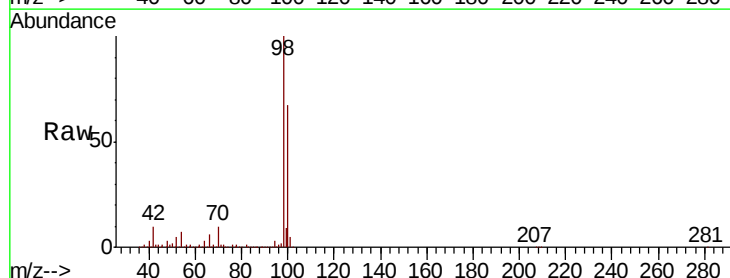
Acq: 17 Jun 2020 14:44

Tgt Ion: 98 Resp: 600022

Ion Ratio Lower Upper

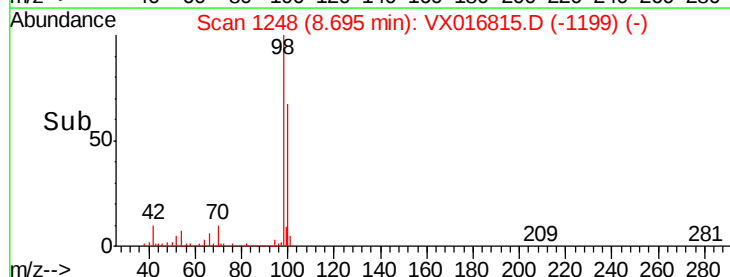
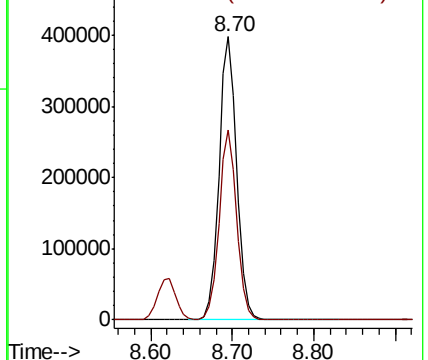
98 100

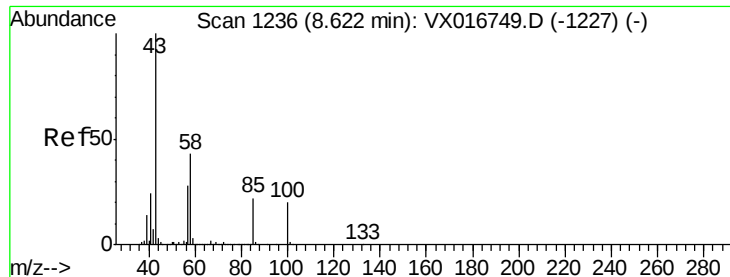
100 66.0 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

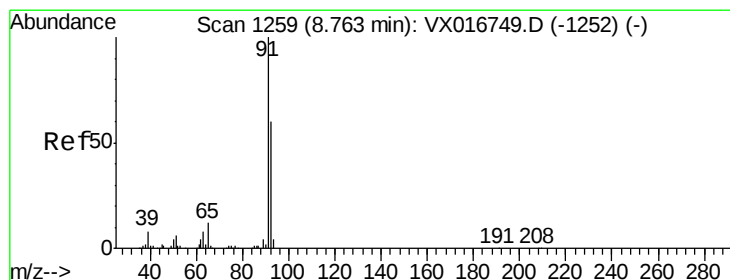
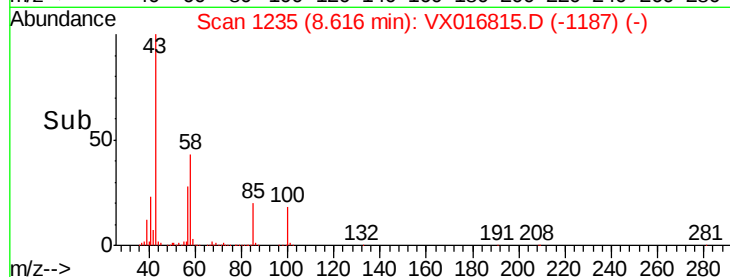
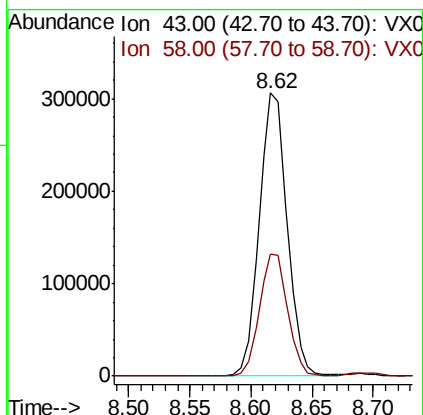
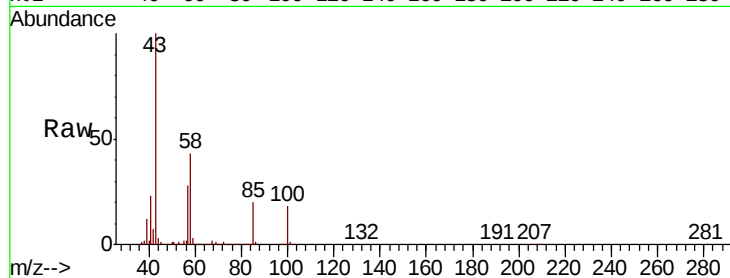




#51
4-Methyl-2-Pentanone
Concen: 111.925 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

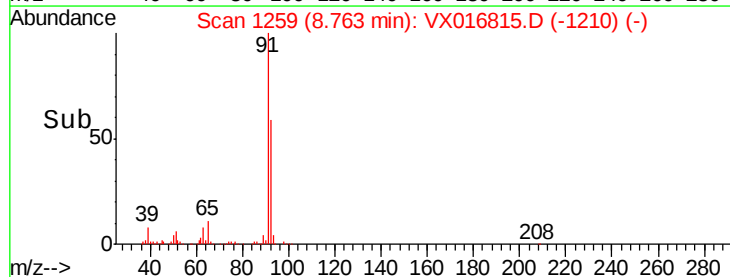
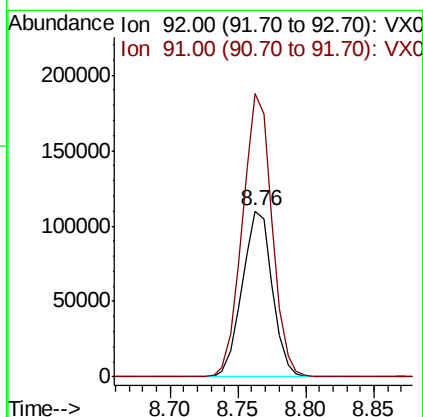
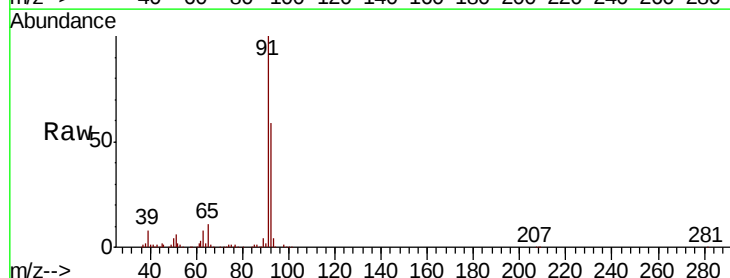
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

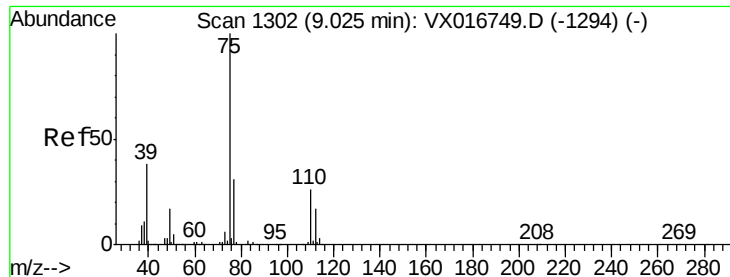
Tot Ion: 43 Resp: 488527
Ion Ratio Lower Upper
43 100
58 43.4 34.6 52.0



#52
Toluene
Concen: 20.840 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 92 Resp: 170090
Ion Ratio Lower Upper
92 100
91 168.3 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 18.320 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

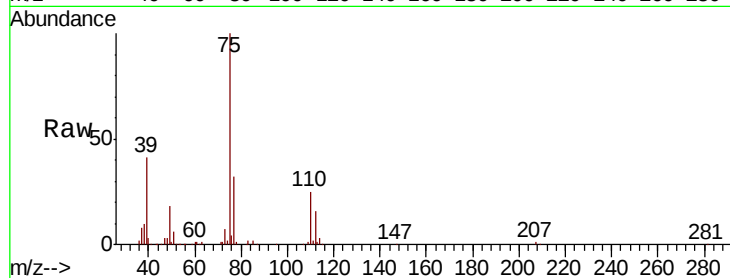
VX0617WBS01

Tot Ion: 75 Resp: 96847

Ion Ratio Lower Upper

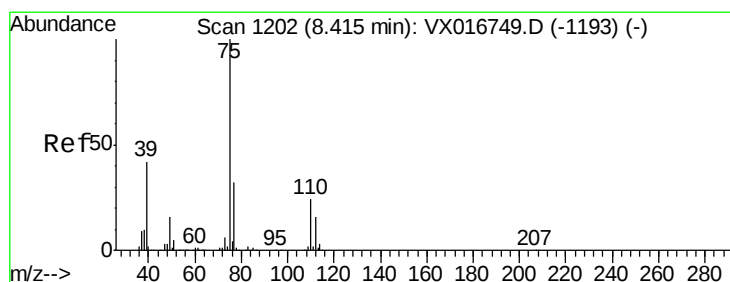
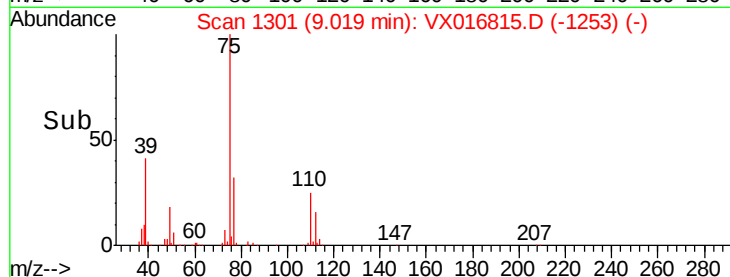
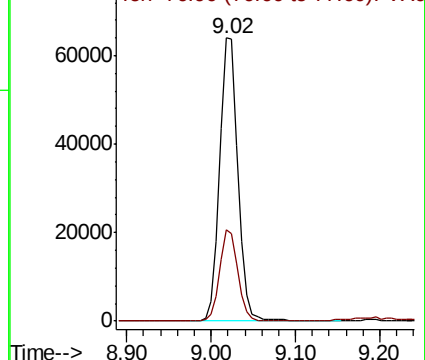
75 100

77 32.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.519 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

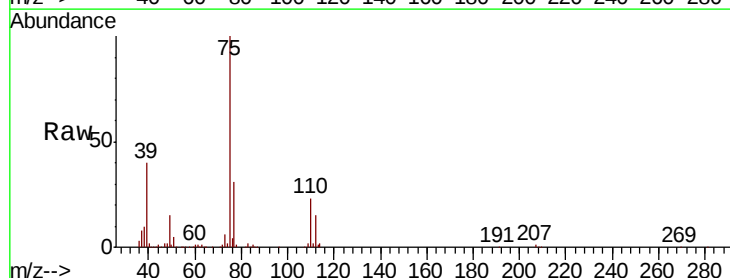
Tgt Ion: 75 Resp: 118657

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

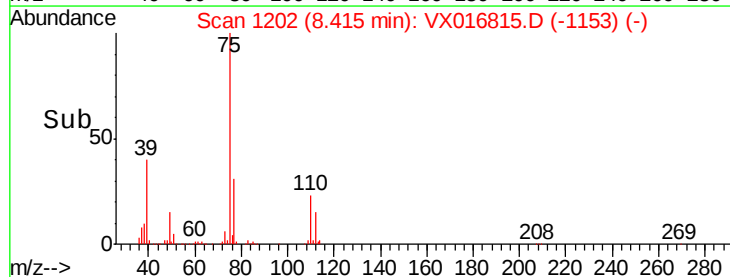
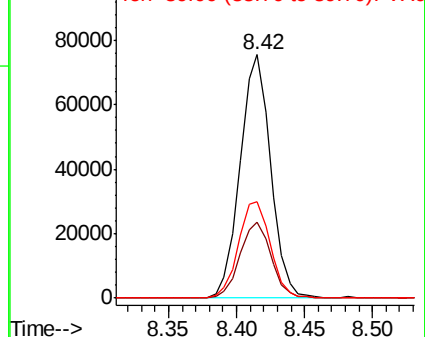
39 39.6 33.7 50.5

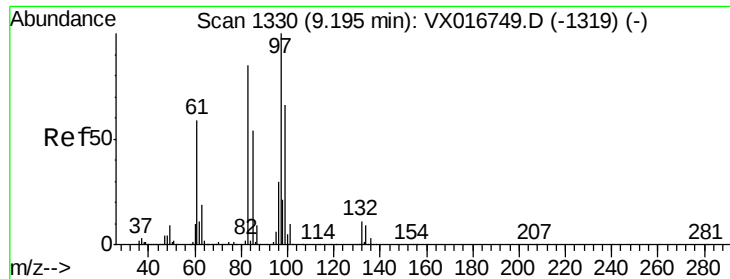


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

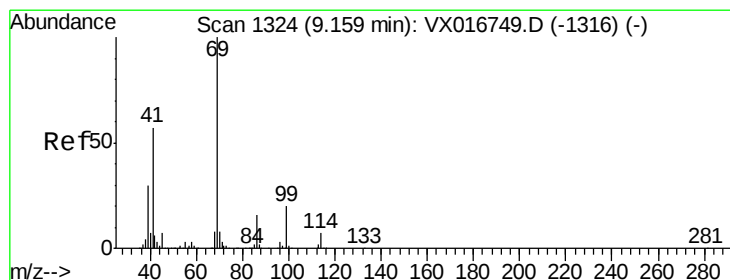
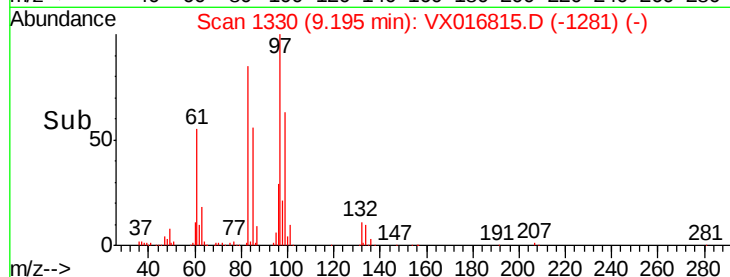
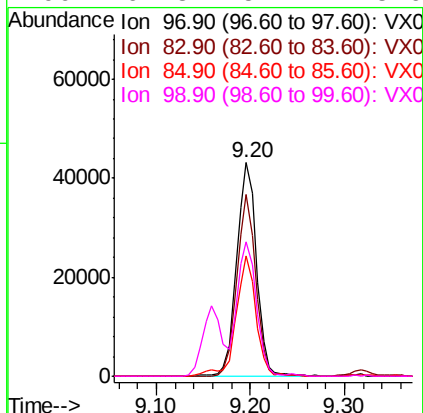
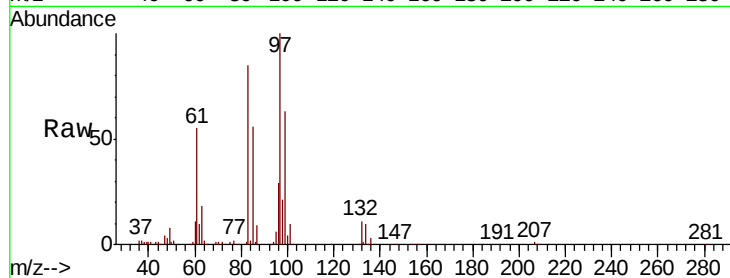




#55
 1,1,2-Trichloroethane
 Concen: 19.295 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

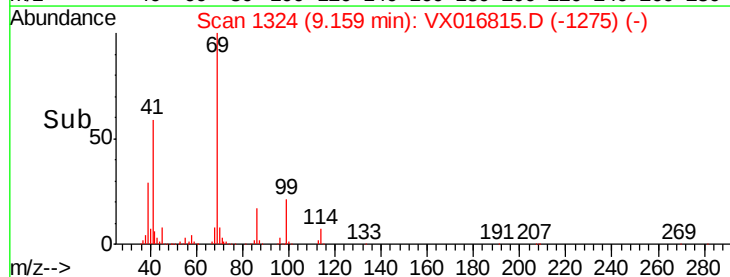
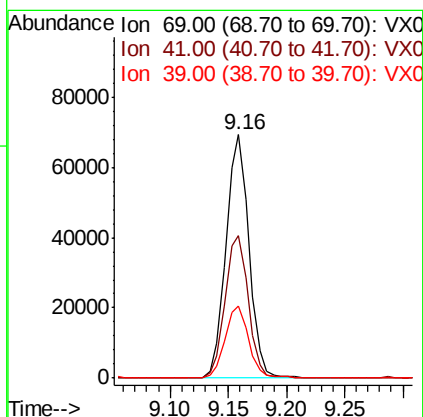
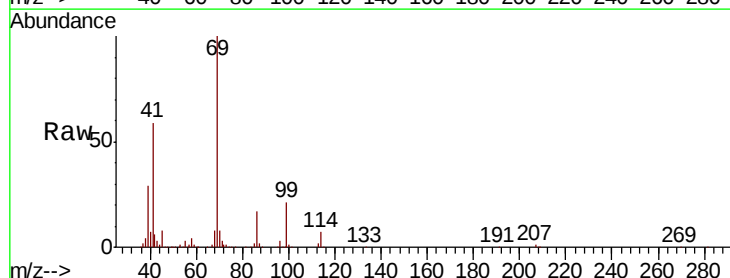
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

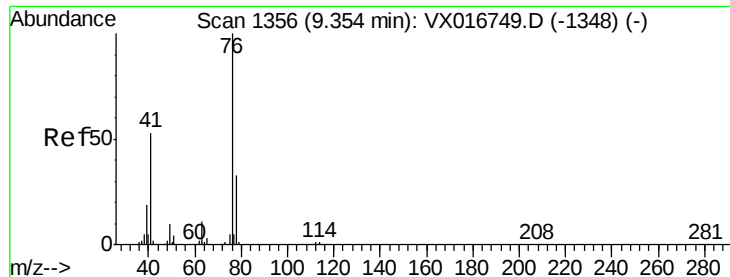
Tot Ion:	97	Resp:	63333
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.3	102.5
85	56.4	43.5	65.3
99	62.8	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 19.329 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion:	69	Resp:	94988
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.1	70.7
39	30.2	25.0	37.6





#57

1,3-Dichloropropane

Concen: 19.038 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

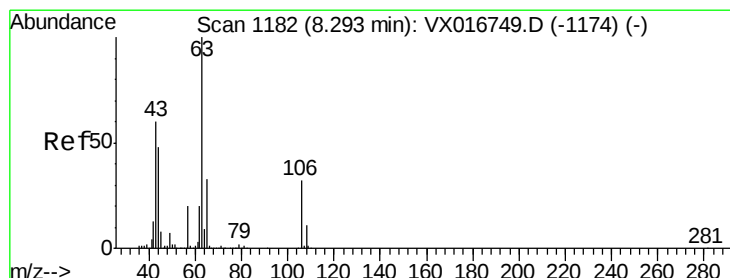
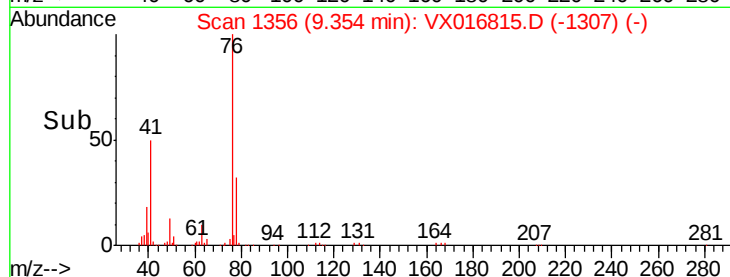
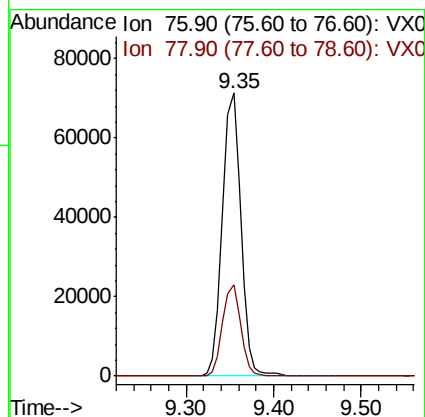
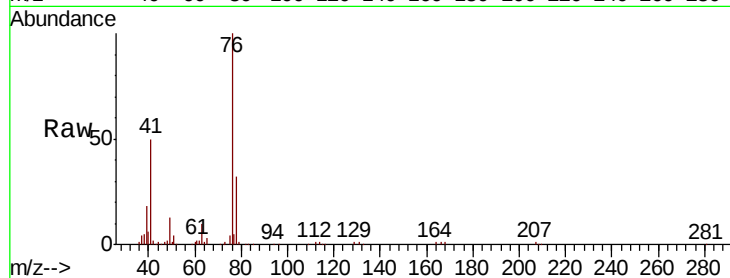
VX0617WBS01

Tot Ion: 76 Resp: 105043

Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 116.739 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016815.D

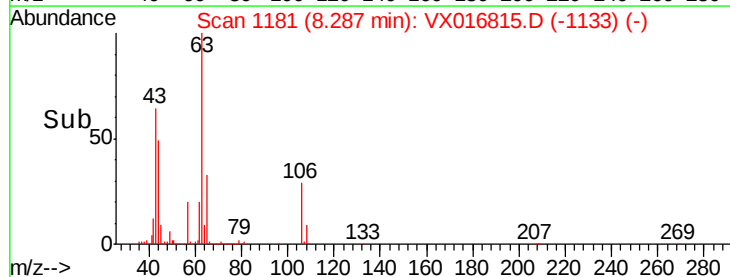
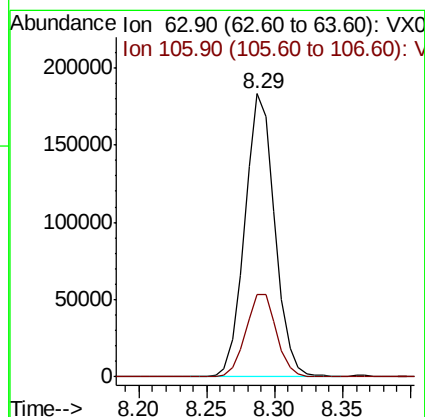
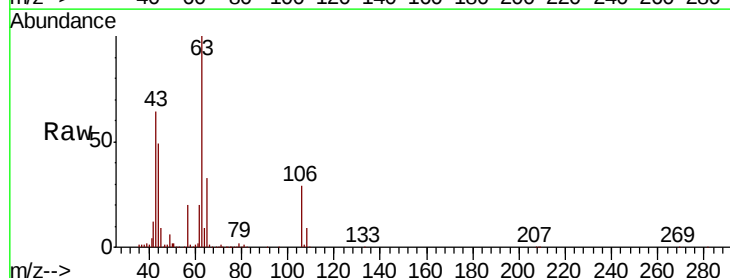
Acq: 17 Jun 2020 14:44

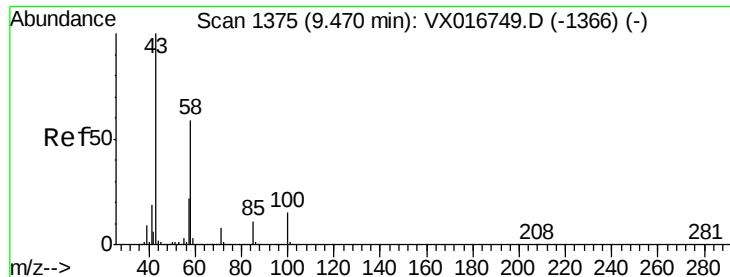
Tgt Ion: 63 Resp: 282081

Ion Ratio Lower Upper

63 100

106 30.3 25.5 38.3

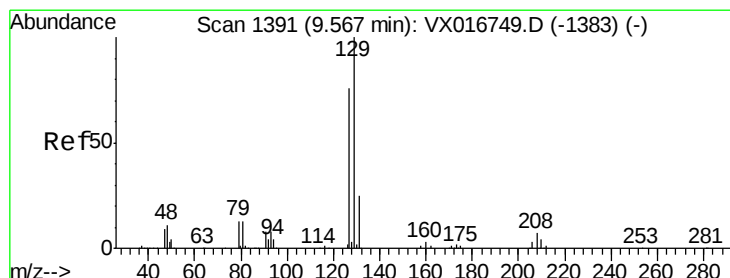
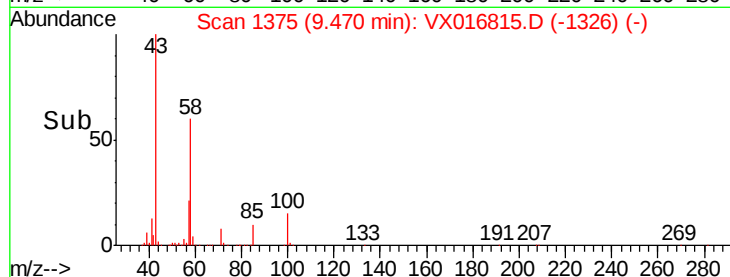
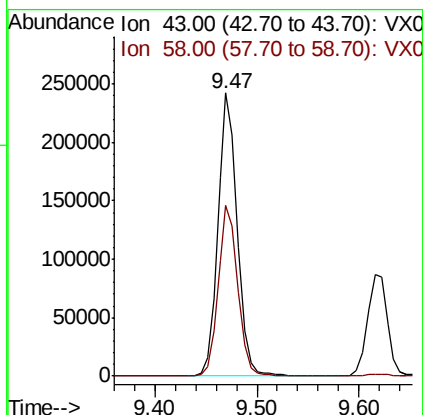
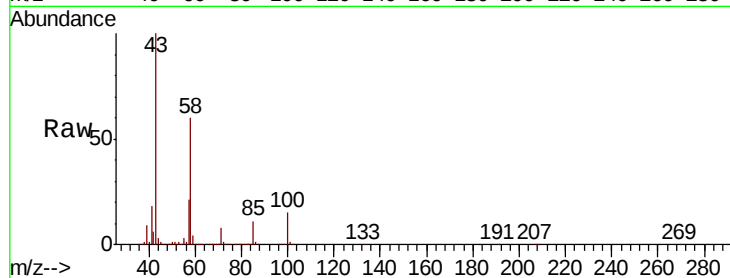




#59
2-Hexanone
Concen: 95.356 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

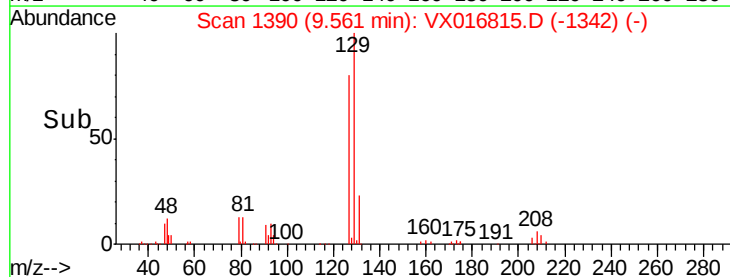
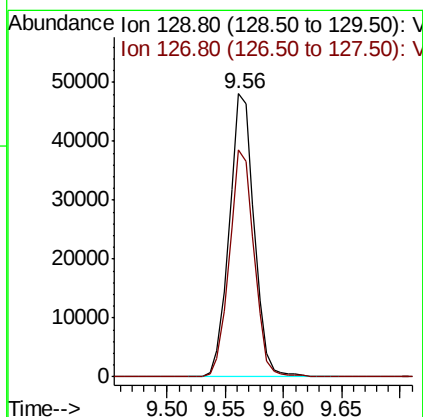
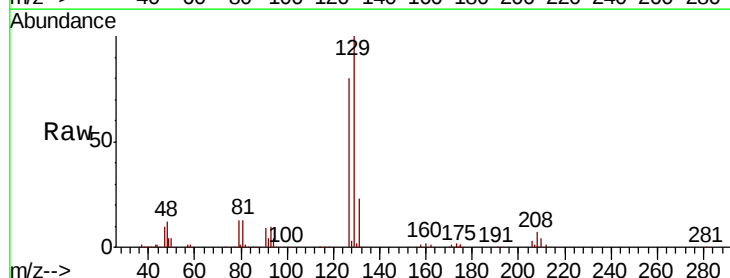
Instrument :
MSVOA_X
ClientSampled :
VX0617WBS01

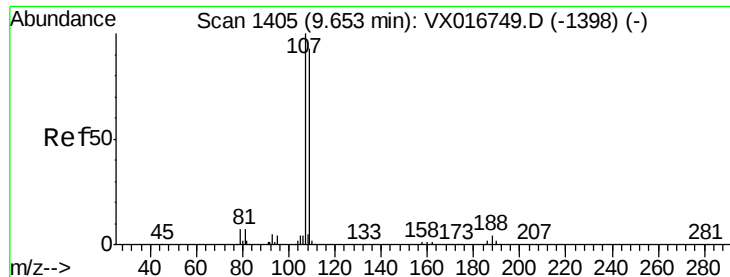
Tot Ion: 43 Resp: 321298
Ion Ratio Lower Upper
43 100
58 61.0 29.9 89.8



#60
Dibromochloromethane
Concen: 18.443 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 129 Resp: 71544
Ion Ratio Lower Upper
129 100
127 79.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 18.859 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

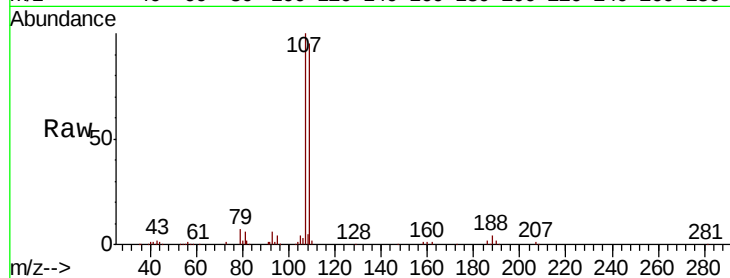
VX0617WBS01

Tot Ion:107 Resp: 67462

Ion Ratio Lower Upper

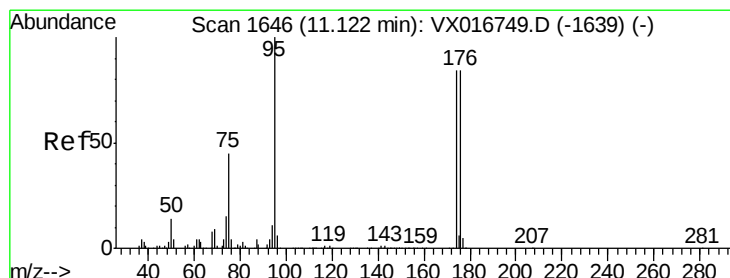
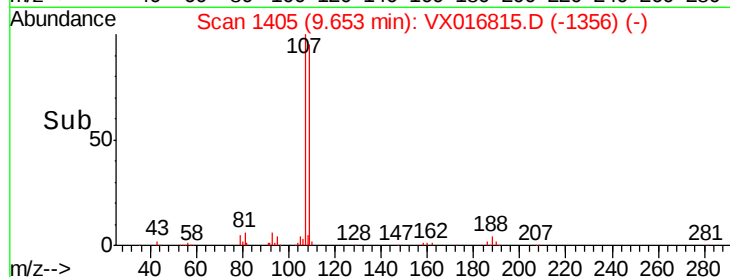
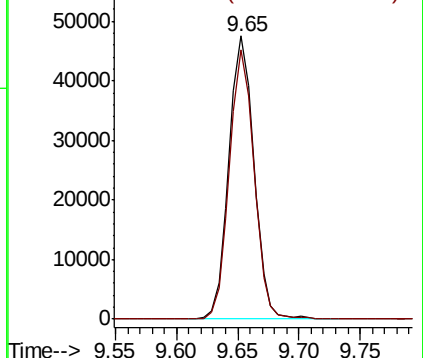
107 100

109 93.9 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: 50.306 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

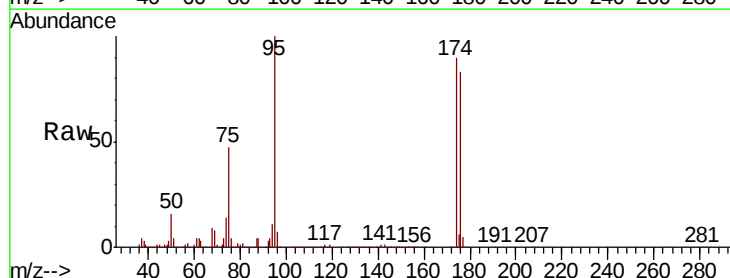
Tgt Ion: 95 Resp: 204426

Ion Ratio Lower Upper

95 100

174 87.1 0.0 171.0

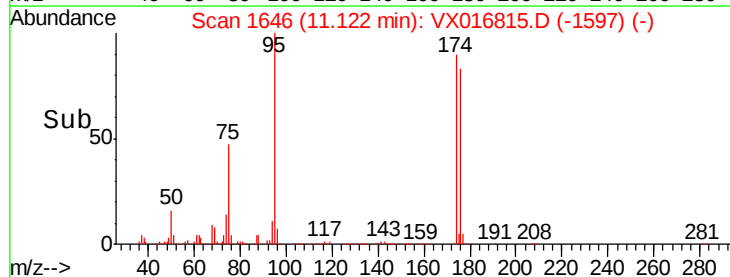
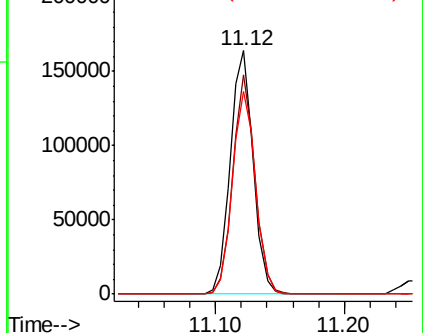
176 83.9 0.0 166.2

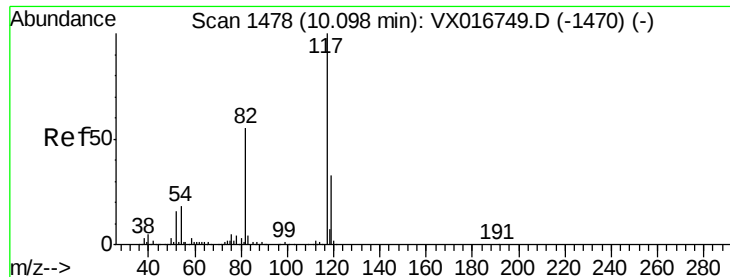


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

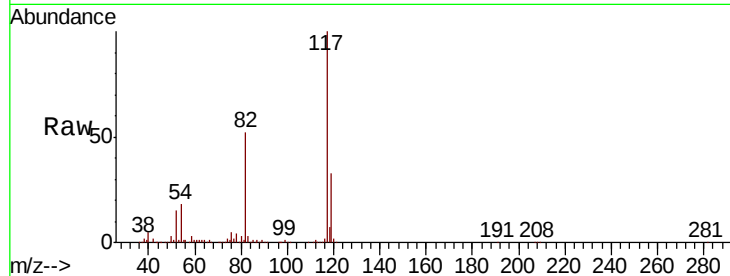




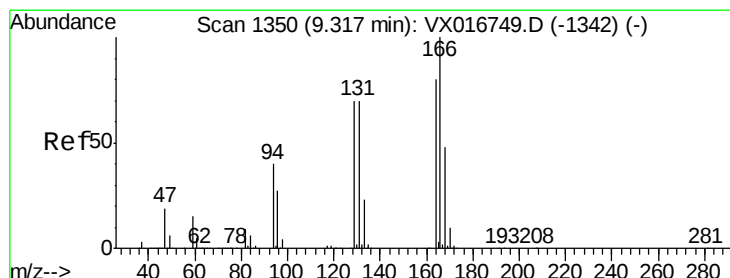
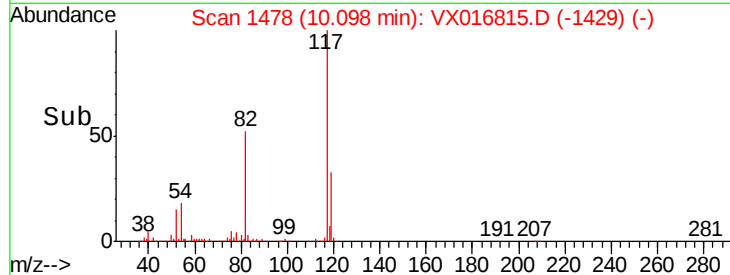
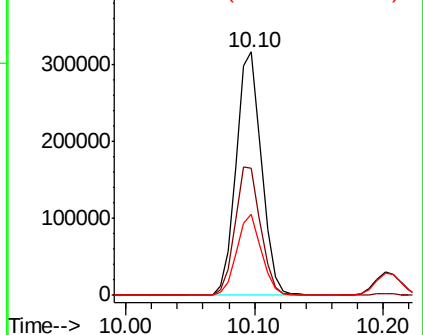
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion:117 Resp: 433424
Ion Ratio Lower Upper
117 100
82 52.4 43.8 65.6
119 33.2 26.2 39.4



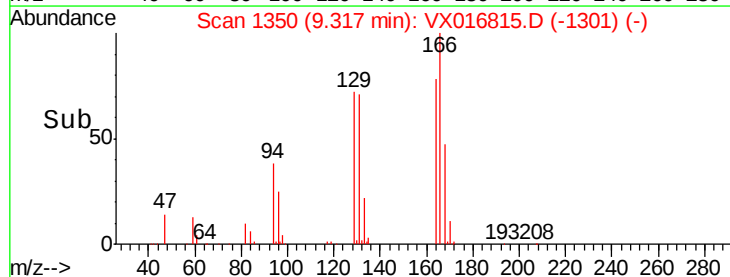
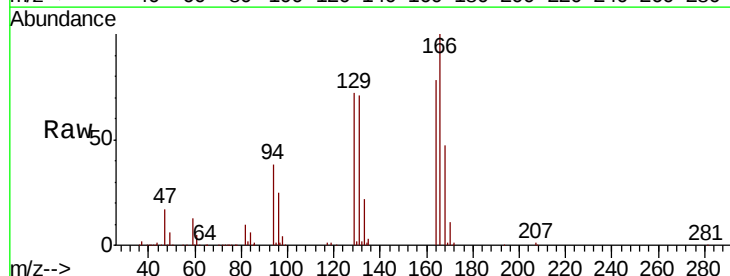
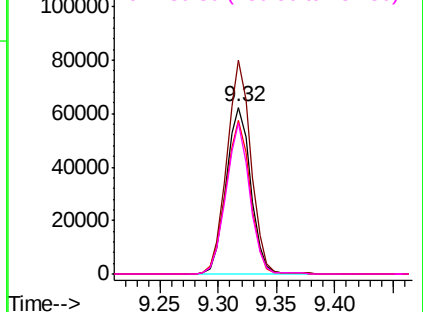
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

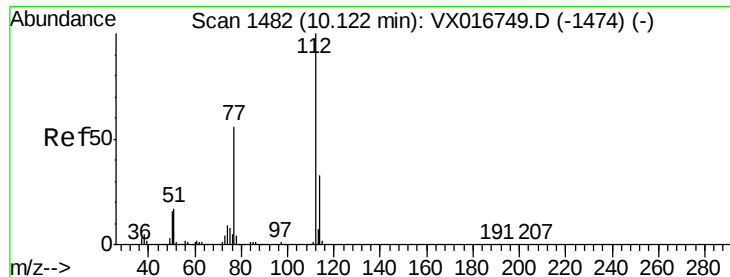


#64
Tetrachloroethene
Concen: 22.014 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion:164 Resp: 91621
Ion Ratio Lower Upper
164 100
166 127.9 100.6 150.8
129 92.2 70.1 105.1
131 90.6 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

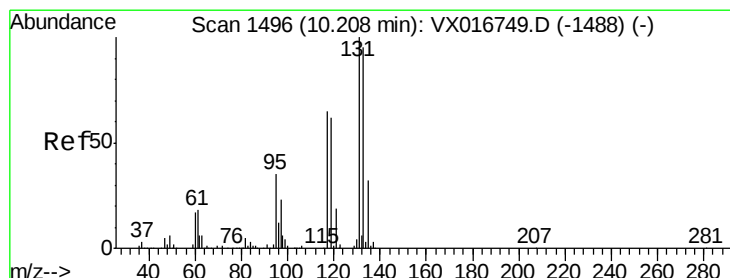
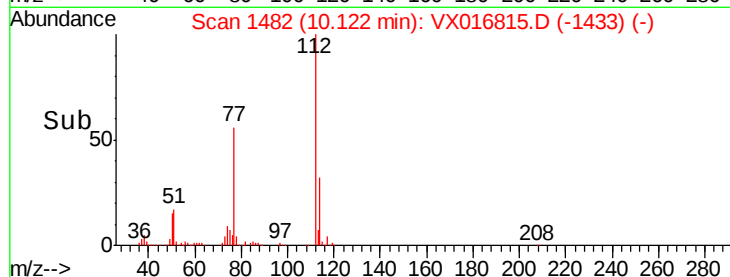
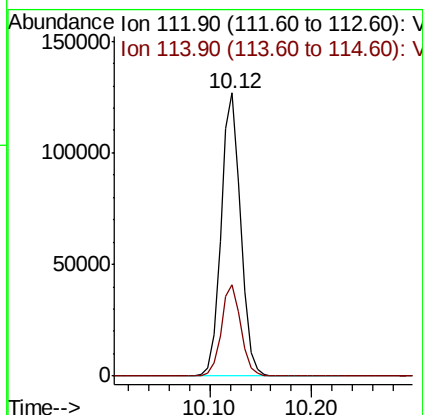
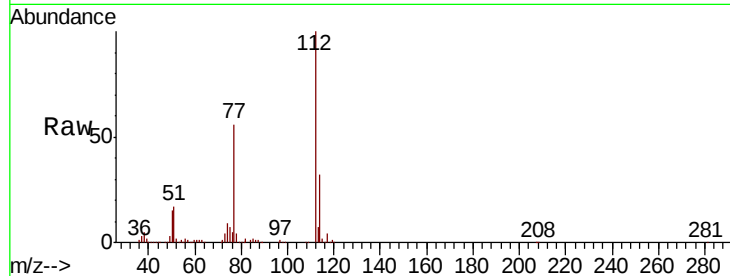




#65
Chlorobenzene
Concen: 19.268 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

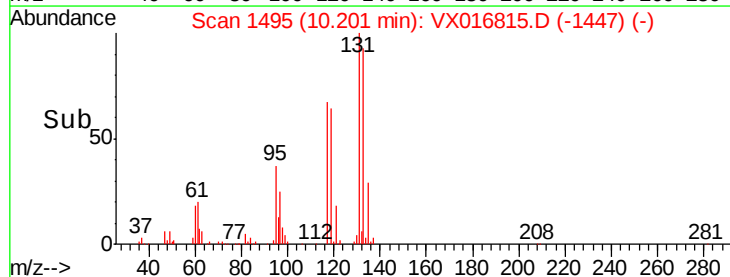
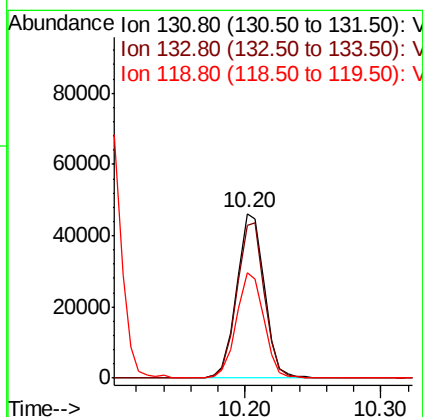
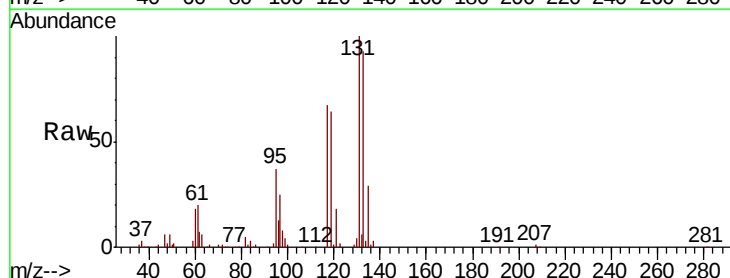
Instrument :
MSVOA_X
ClientSampled :
VX0617WBS01

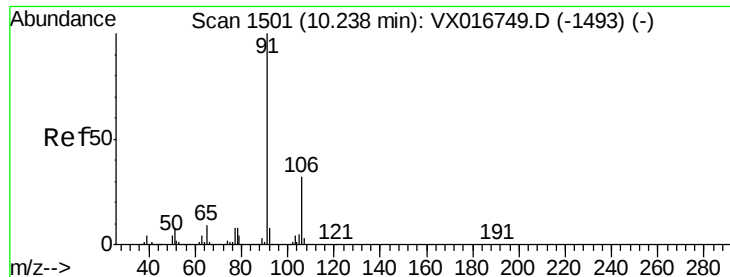
Tot Ion:112 Resp: 169453
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.580 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion:131 Resp: 65186
Ion Ratio Lower Upper
131 100
133 94.7 46.8 140.3
119 63.9 31.4 94.0

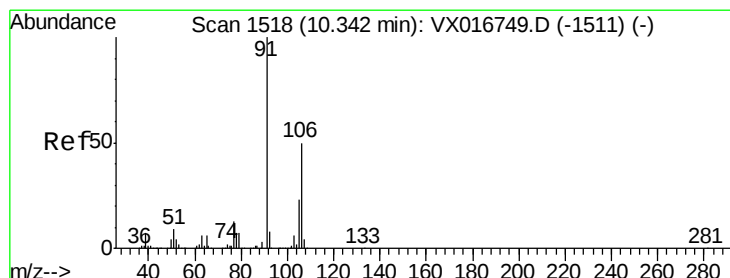
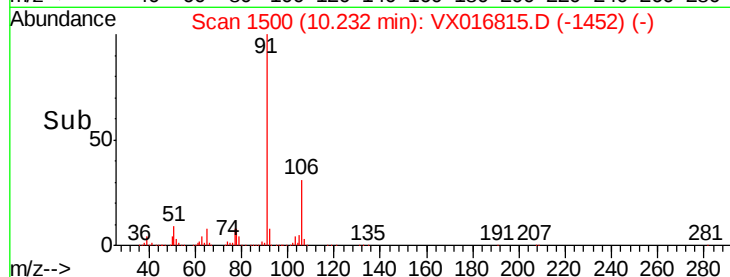
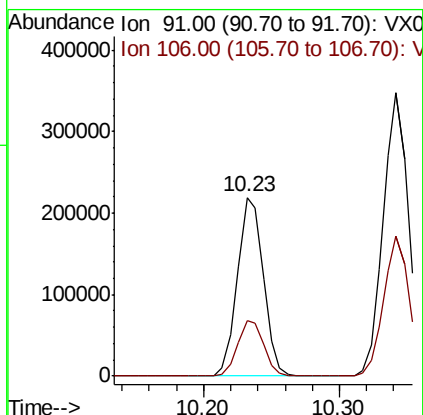
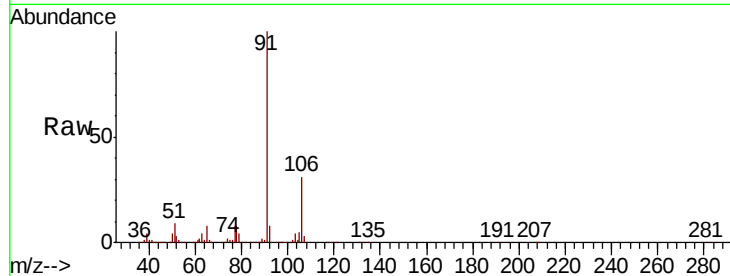




#67
Ethyl Benzene
Concen: 19.677 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

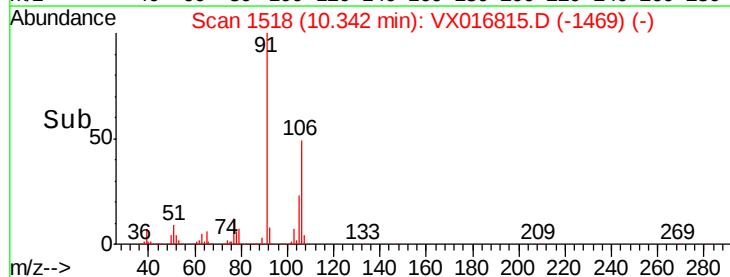
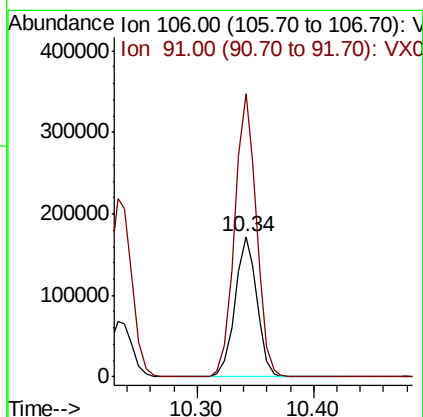
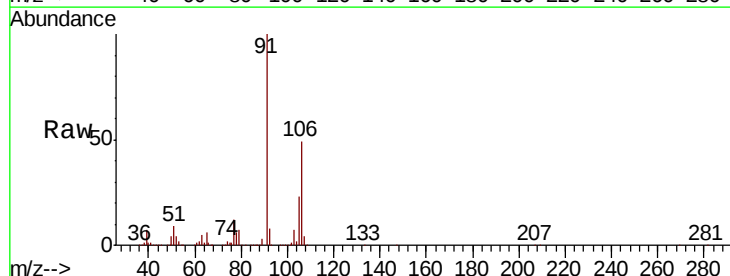
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

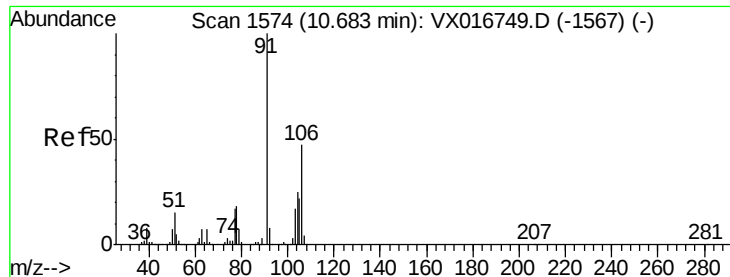
Tot Ion: 91 Resp: 292556
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 40.006 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 106 Resp: 225516
Ion Ratio Lower Upper
106 100
91 200.8 161.2 241.8

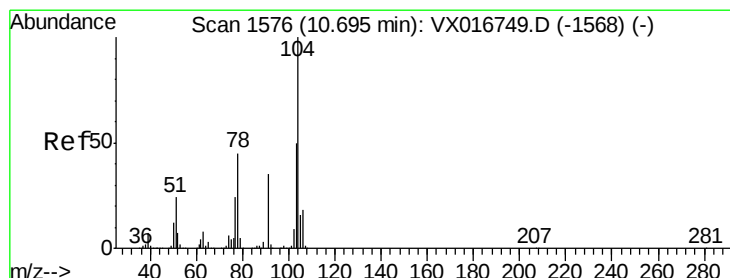
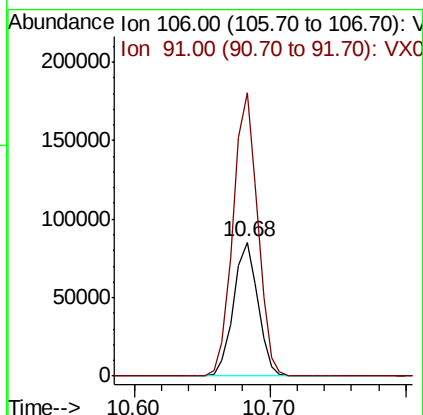
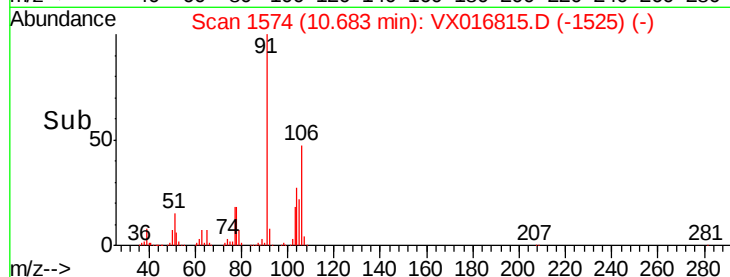
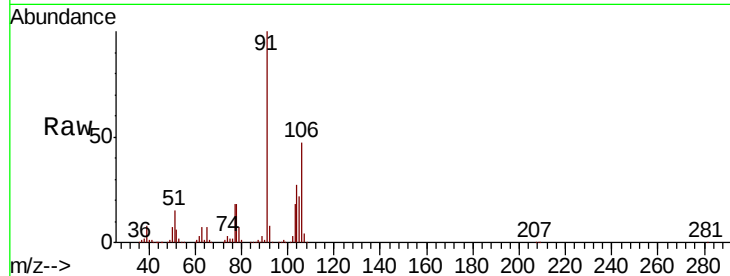




#69
o-Xylene
Concen: 19.616 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

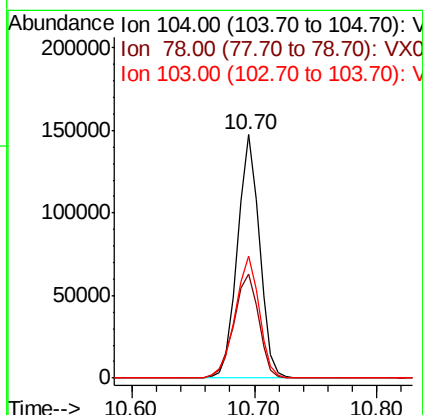
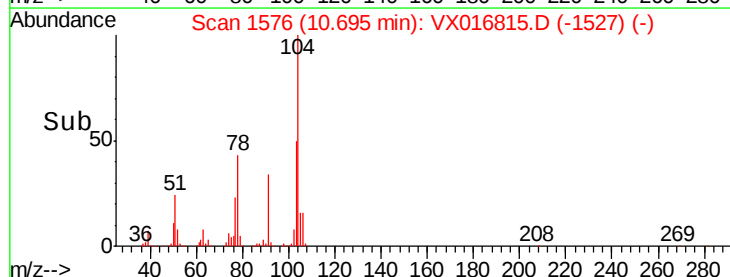
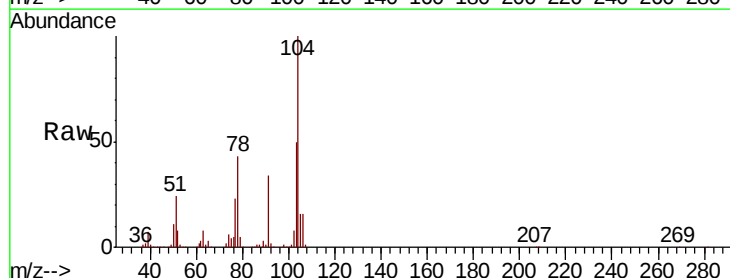
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

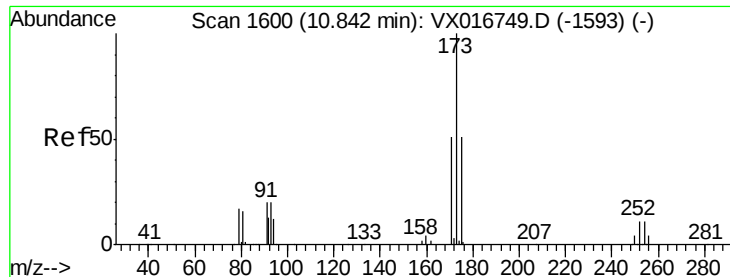
Tot Ion:106 Resp: 106531
Ion Ratio Lower Upper
106 100
91 213.7 106.9 320.8



#70
Styrene
Concen: 19.475 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion:104 Resp: 182832
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.8
103 54.4 43.4 65.2





#71

Bromoform

Concen: 19.076 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

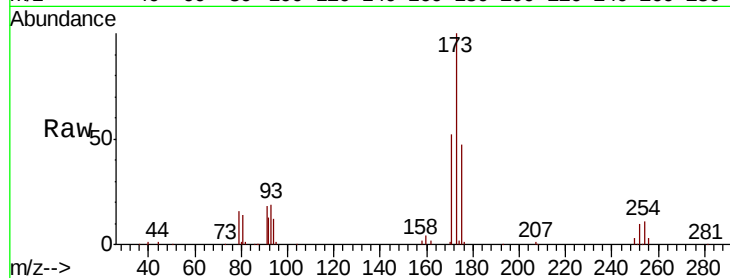
Tot Ion:173 Resp: 57104

Ion Ratio Lower Upper

173 100

175 47.1 25.1 75.4

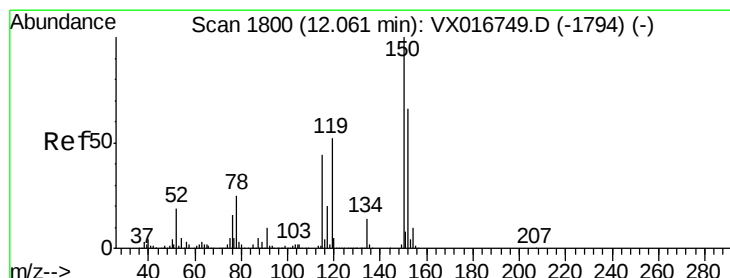
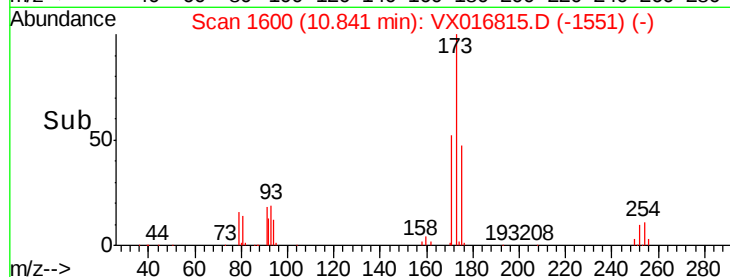
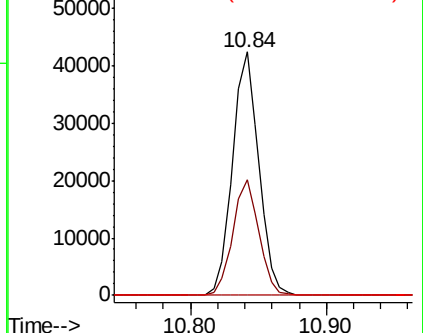
254 0.0 0.1 0.1#



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: VX016815.D

Acq: 17 Jun 2020 14:44

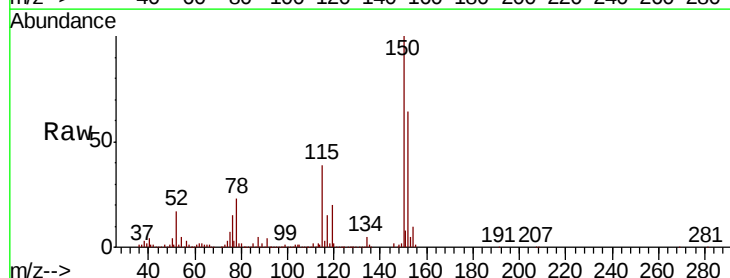
Tgt Ion:152 Resp: 236906

Ion Ratio Lower Upper

152 100

115 65.5 40.3 120.8

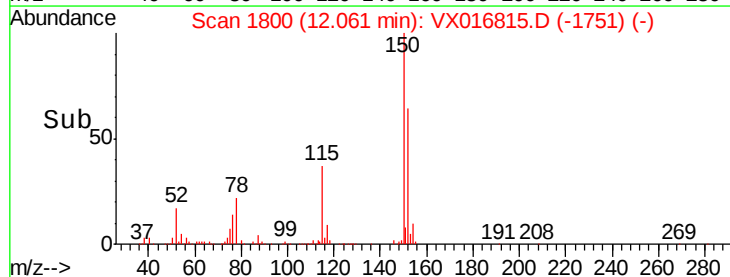
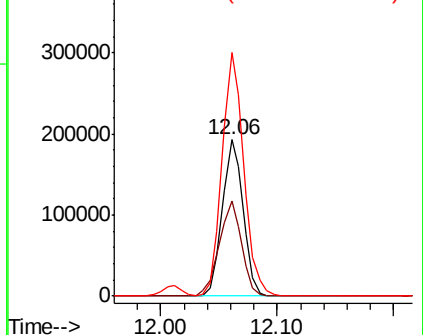
150 163.4 0.0 337.4

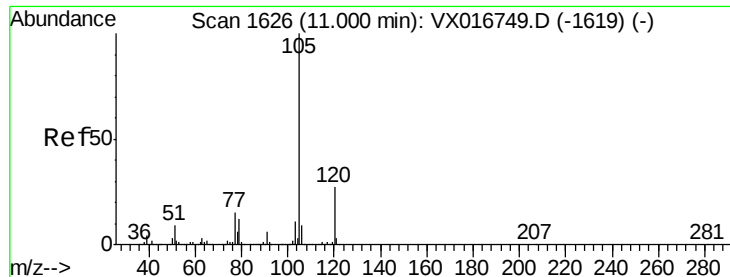


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.245 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

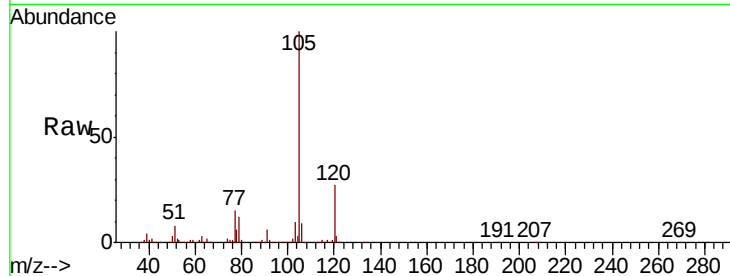
VX0617WBS01

Tot Ion:105 Resp: 283615

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

200000

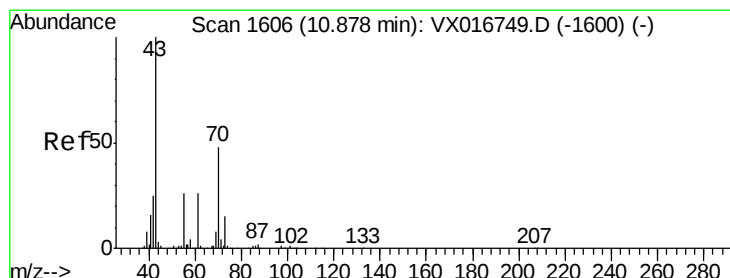
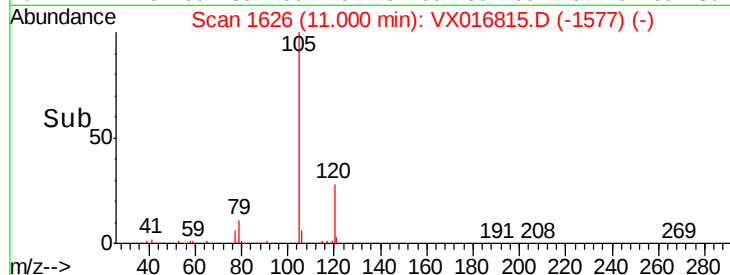
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.124 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion: 43 Resp: 109499

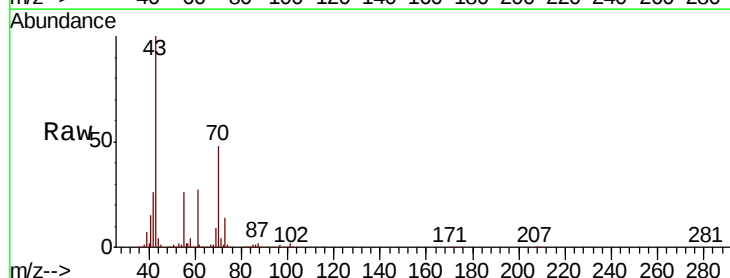
Ion Ratio Lower Upper

43 100

70 49.4 39.8 59.6

55 26.6 21.7 32.5

61 27.1 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

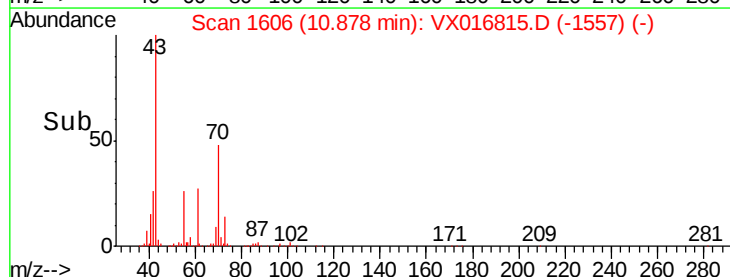
Ion 61.00 (60.70 to 61.70): VX0

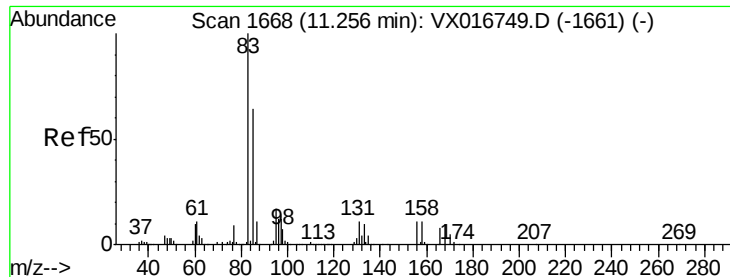
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 15.624 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

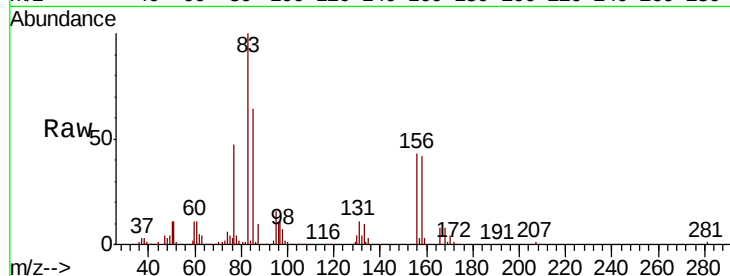
Tot Ion: 83 Resp: 71446

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

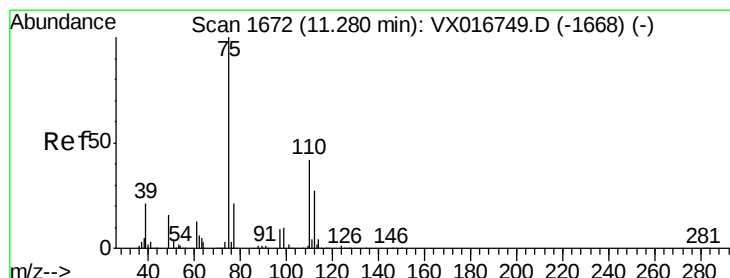
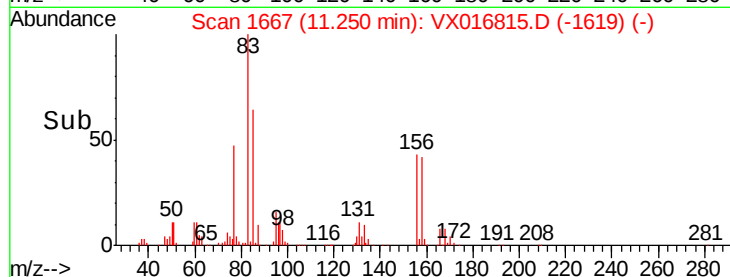
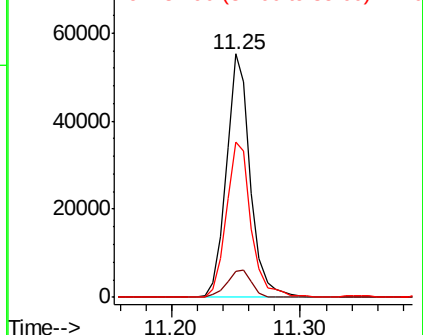
85 66.5 32.4 97.2



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: 24.102 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016815.D

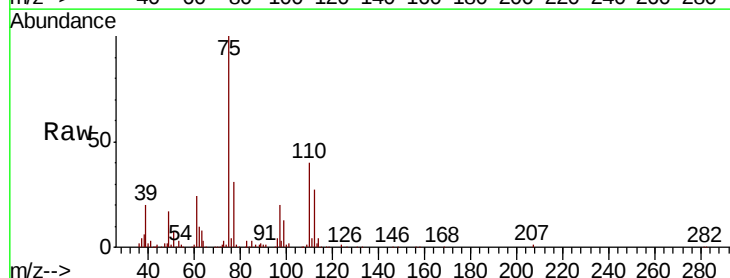
Acq: 17 Jun 2020 14:44

Tgt Ion: 75 Resp: 120079

Ion Ratio Lower Upper

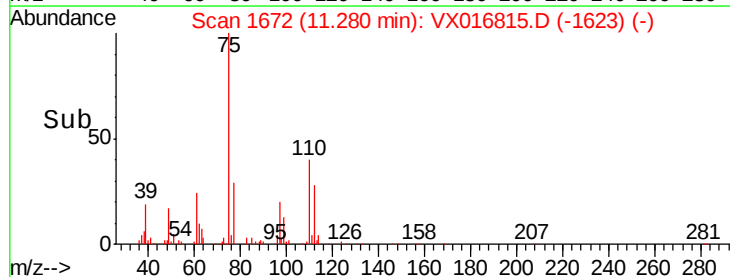
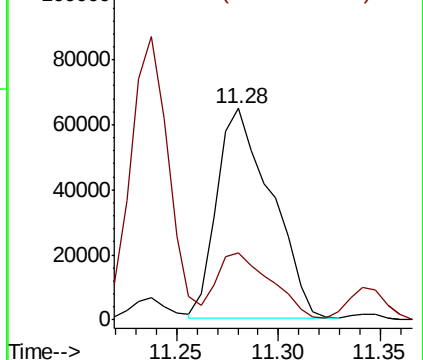
75 100

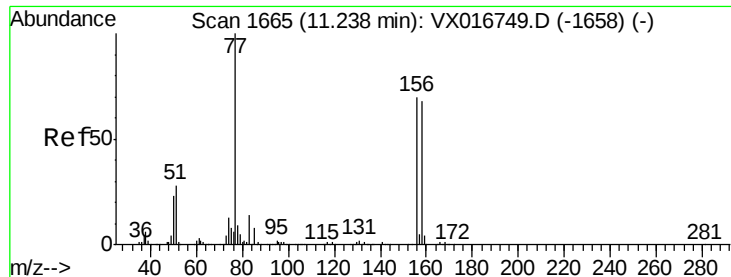
77 32.0 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.529 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

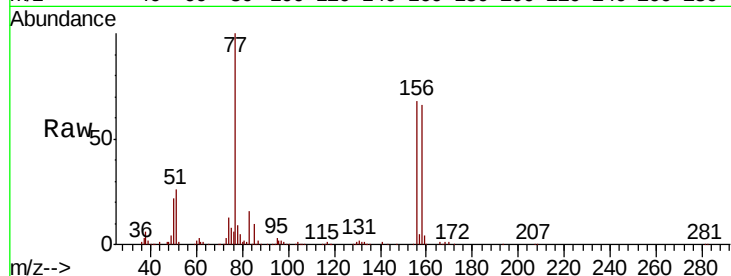
Tot Ion:156 Resp: 76937

Ion Ratio Lower Upper

156 100

77 147.1 73.2 219.6

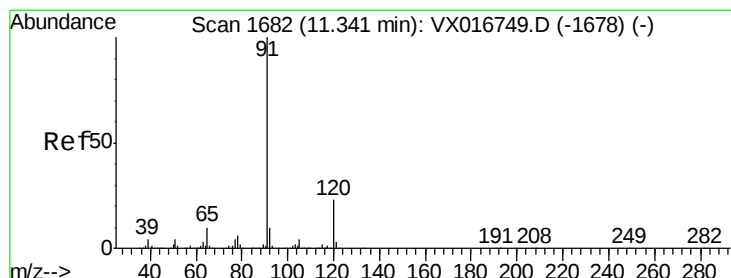
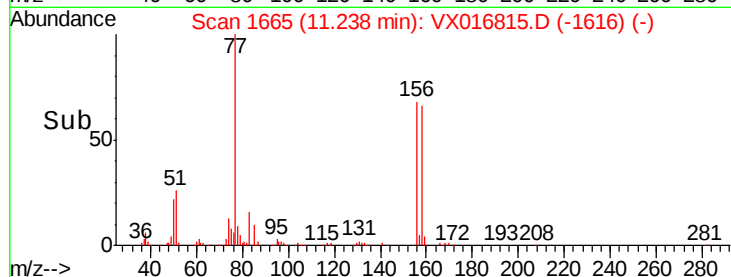
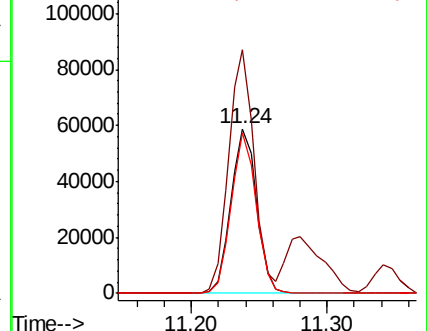
158 94.9 48.8 146.4



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: 19.523 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016815.D

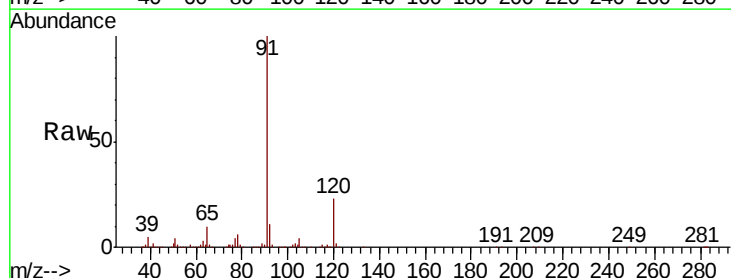
Acq: 17 Jun 2020 14:44

Tgt Ion: 91 Resp: 329582

Ion Ratio Lower Upper

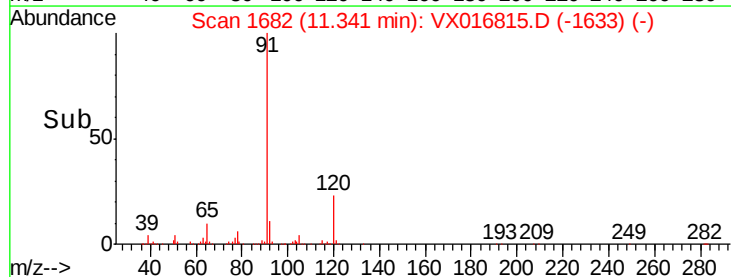
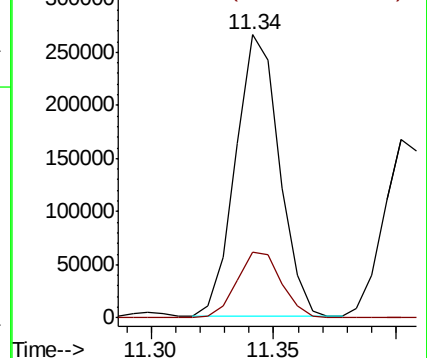
91 100

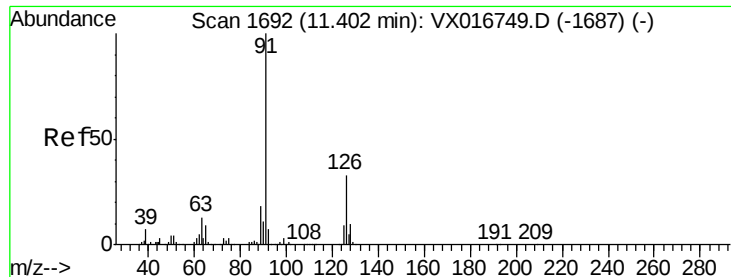
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.015 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampled :

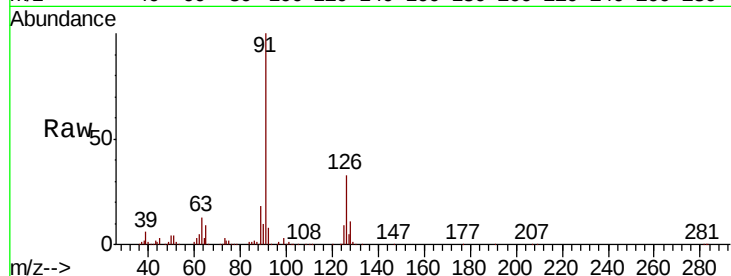
VX0617WBS01

Tot Ion: 91 Resp: 213664

Ion Ratio Lower Upper

91 100

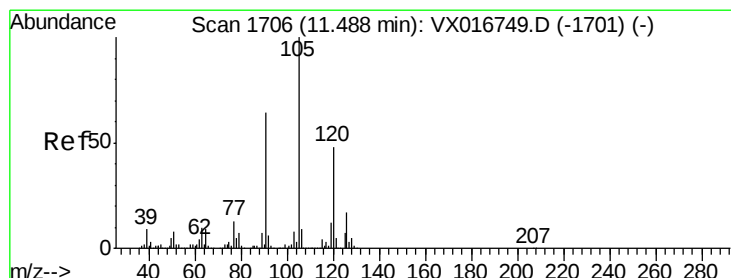
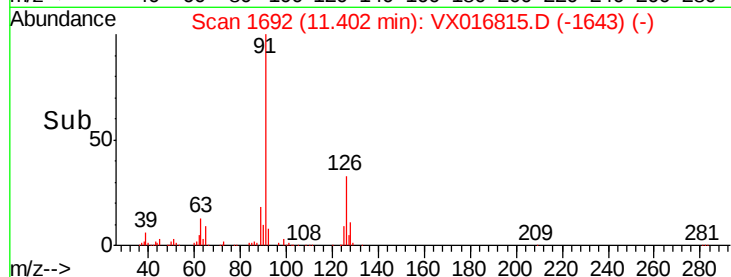
126 34.5 17.2 51.5



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

Ion 125.90 (125.60 to 126.60): VX016749.D (-1687) (-)

Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 20.417 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016815.D

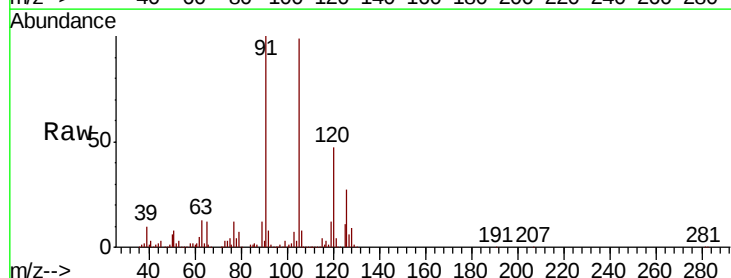
Acq: 17 Jun 2020 14:44

Tgt Ion: 105 Resp: 266052

Ion Ratio Lower Upper

105 100

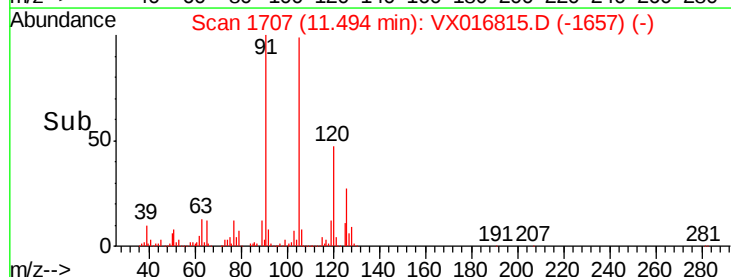
120 47.8 24.4 73.4

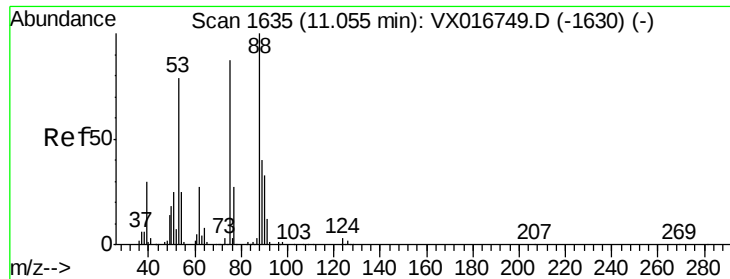


Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016749.D (-1701) (-)

Time--> 11.40 11.50 11.60





#81

trans-1,4-Dichloro-2-butene

Concen: 16.295 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

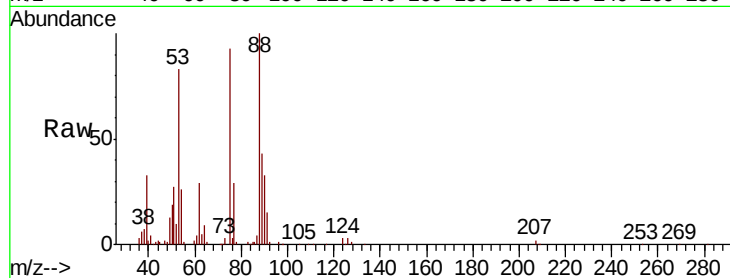
Tot Ion: 75 Resp: 32248

Ion Ratio Lower Upper

75 100

53 87.1 71.4 107.0

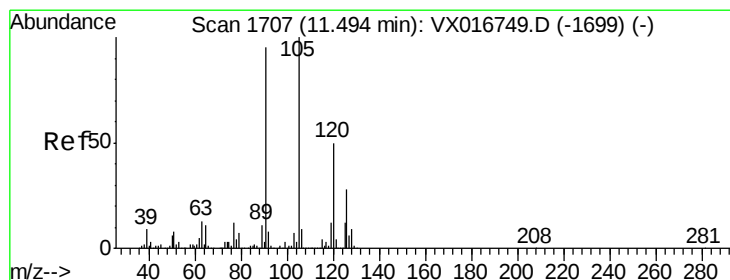
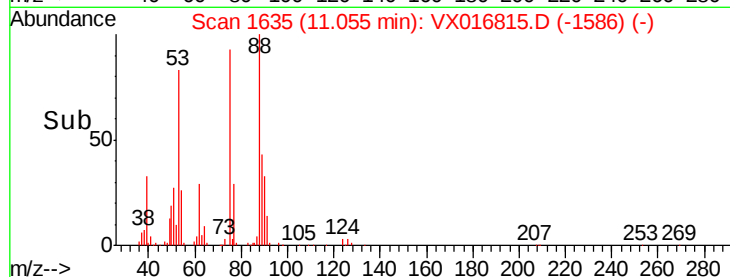
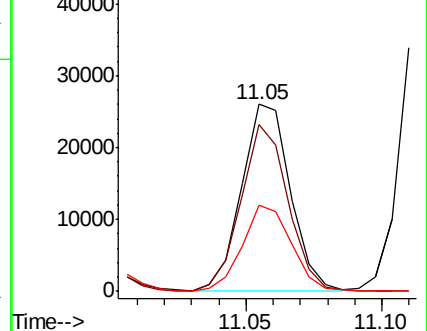
89 46.8 39.1 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.493 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016815.D

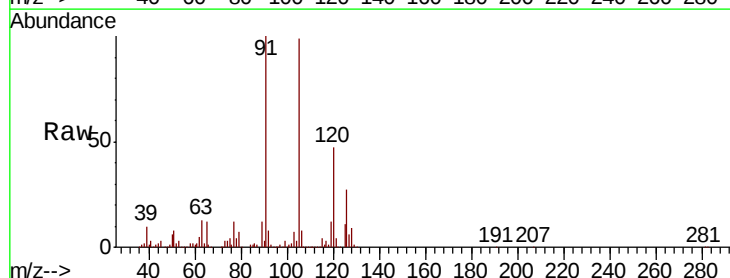
Acq: 17 Jun 2020 14:44

Tgt Ion: 91 Resp: 256069

Ion Ratio Lower Upper

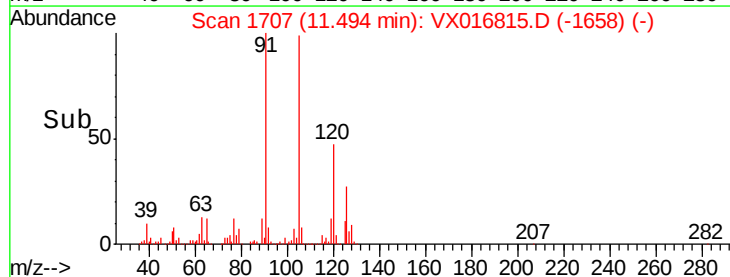
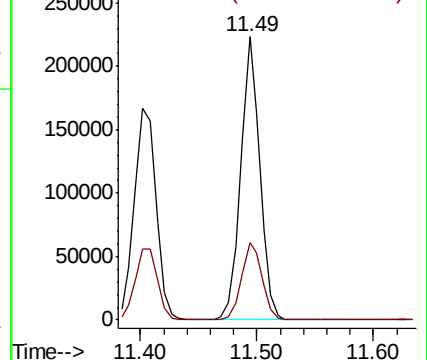
91 100

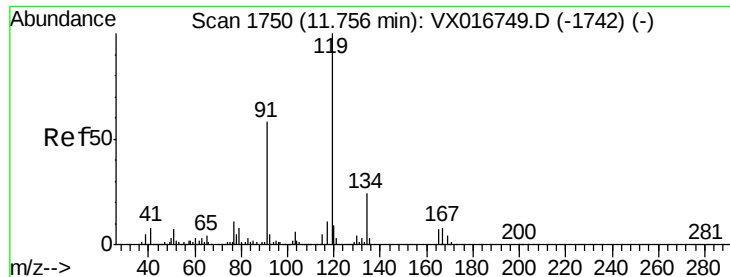
126 29.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

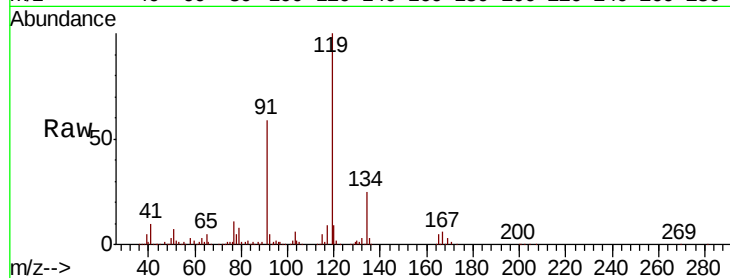




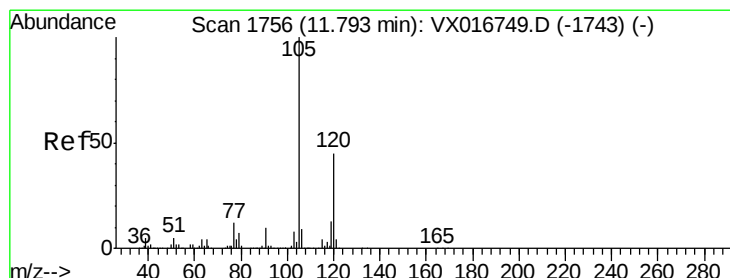
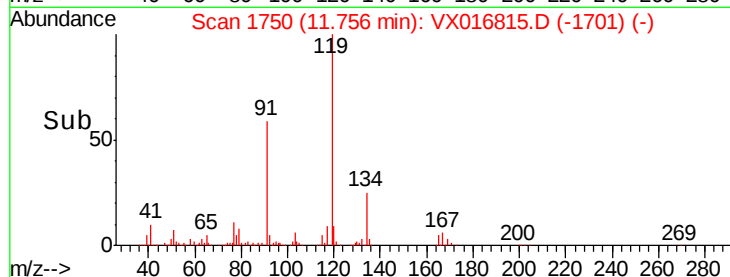
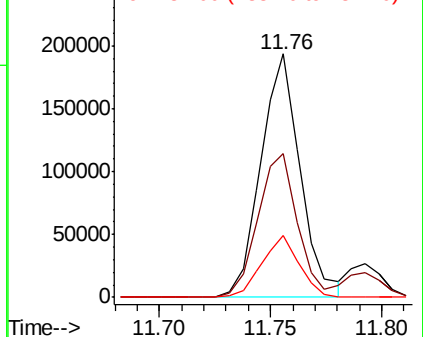
#83
tert-Butylbenzene
Concen: 19.984 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampled :
VX0617WBS01

Tot Ion:119 Resp: 238283
Ion Ratio Lower Upper
119 100
91 58.9 29.3 88.0
134 23.9 11.8 35.3

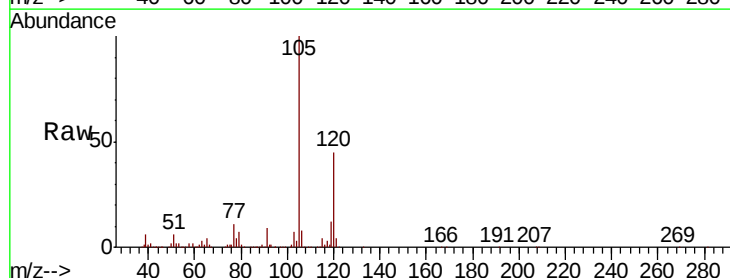


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

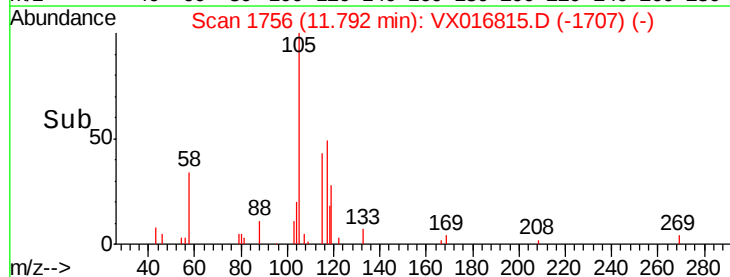
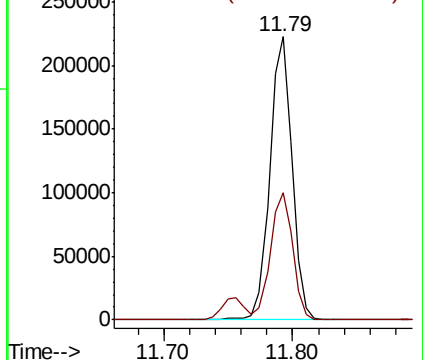


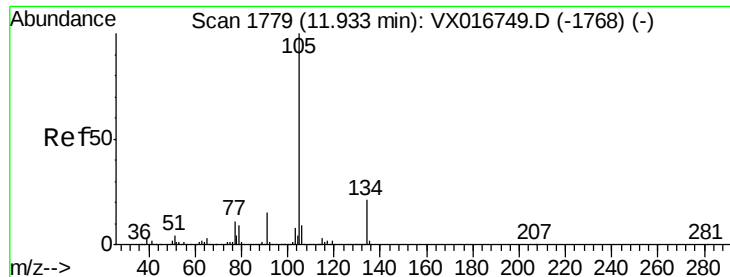
#84
1,2,4-Trimethylbenzene
Concen: 20.291 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion:105 Resp: 267471
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

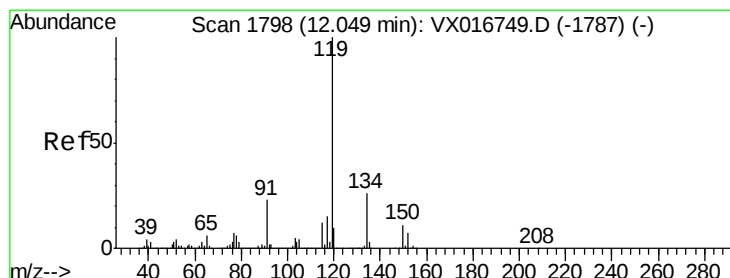
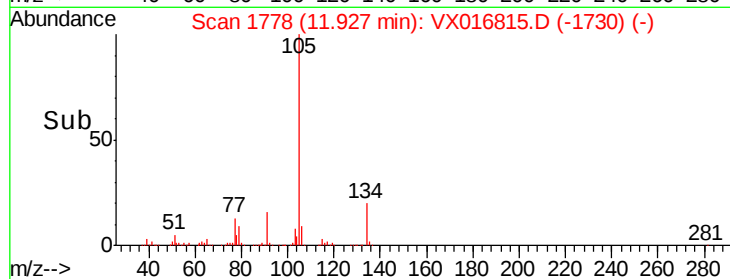
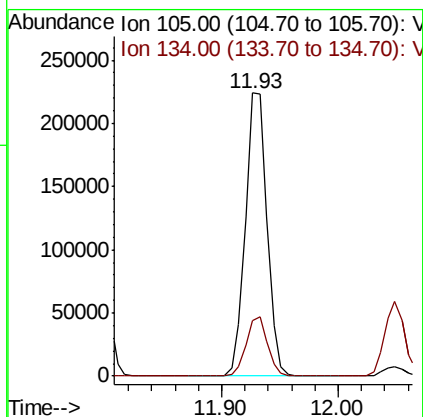
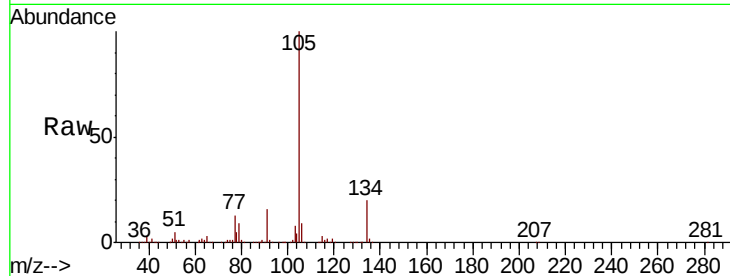




#85
 sec-Butylbenzene
 Concen: 20.881 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

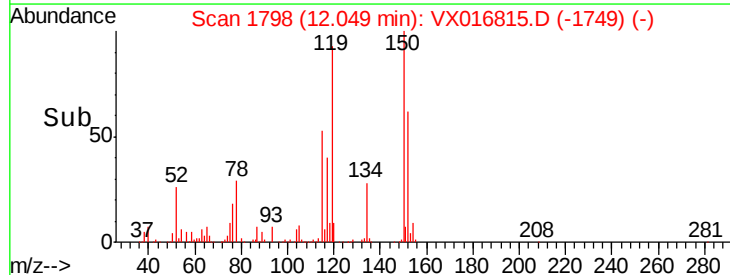
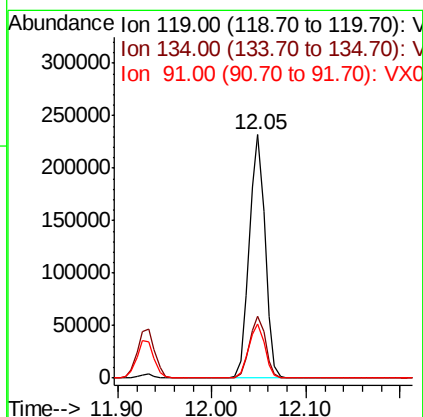
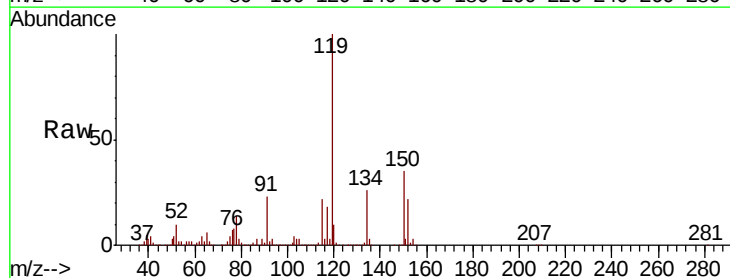
Instrument :
 MSVOA_X
 ClientSampled :
 VX0617WBS01

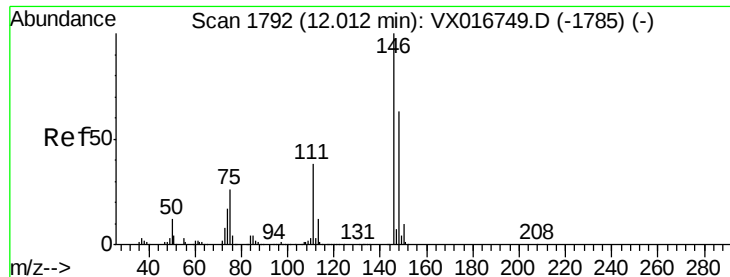
Tot Ion:105 Resp: 291231
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.383 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion:119 Resp: 272769
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 22.8 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 19.915 ug/l

RT: 12.01 min Scan# 1792

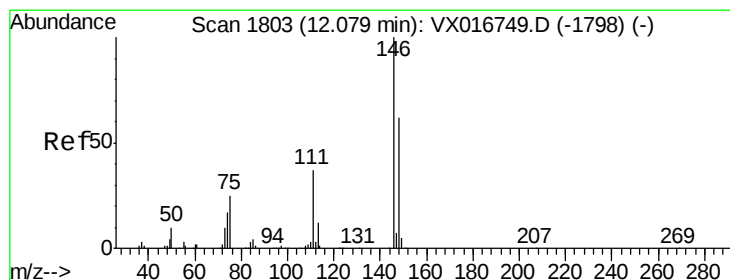
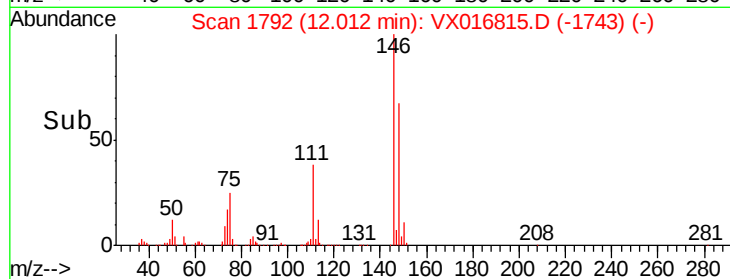
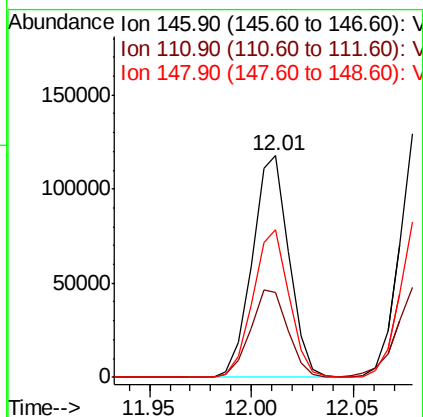
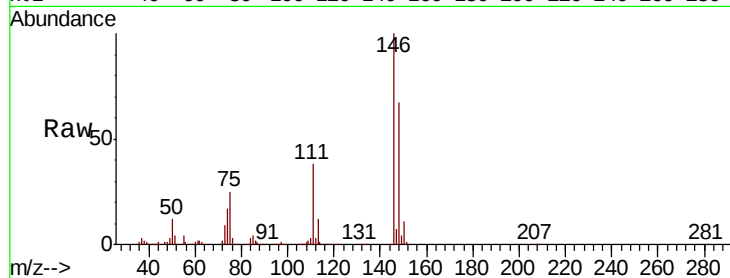
Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.8	59.3
148	65.6	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 20.058 ug/l

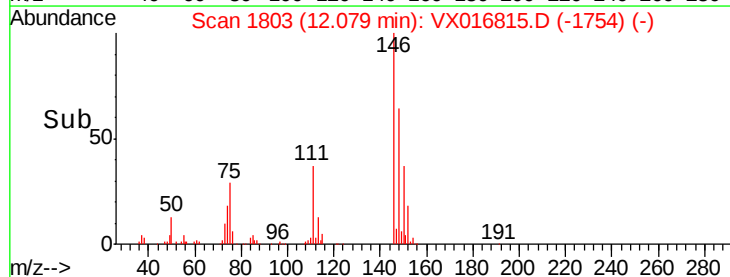
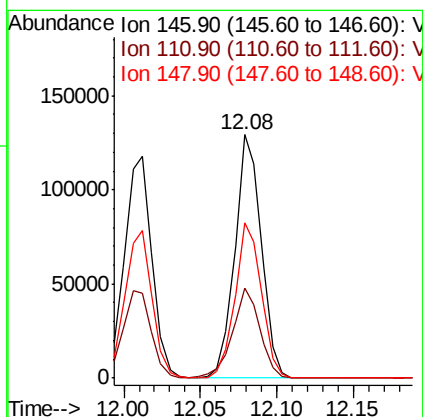
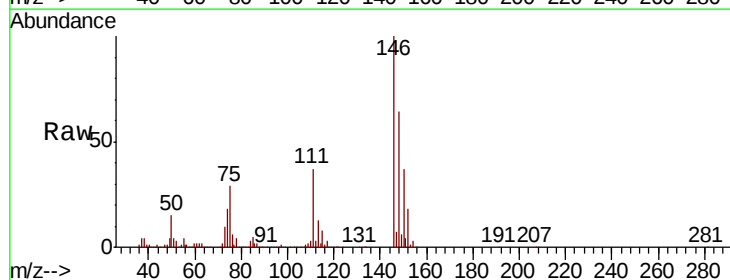
RT: 12.08 min Scan# 1803

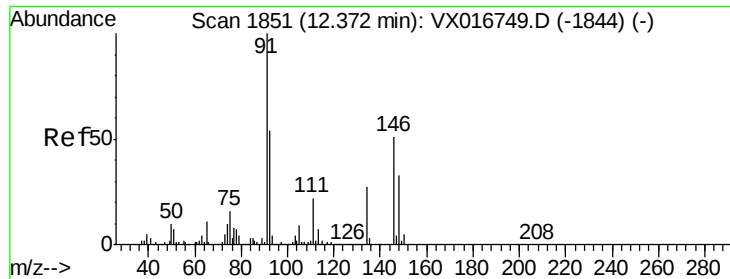
Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	63.7	32.1	96.5





#89

n-Butylbenzene

Concen: 19.470 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampled :

VX0617WBS01

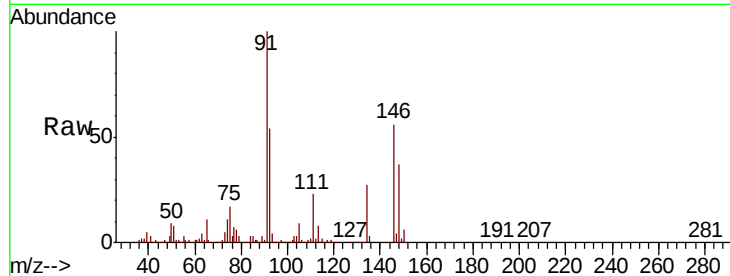
Tot Ion: 91 Resp: 215088

Ion Ratio Lower Upper

91 100

92 55.2 27.0 80.8

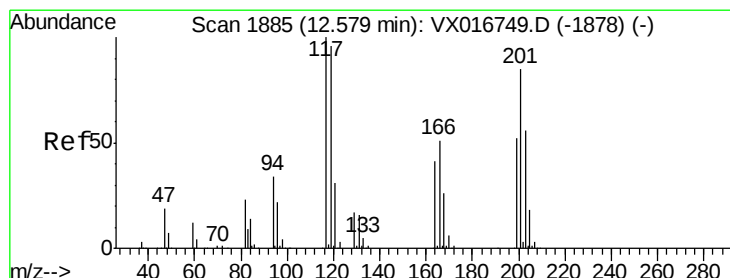
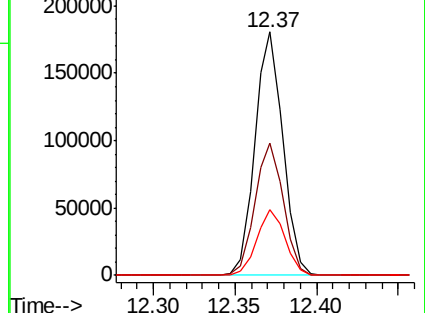
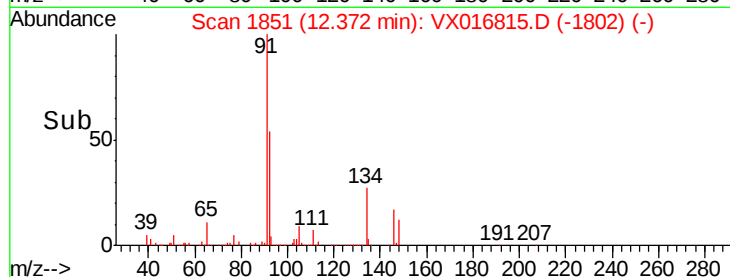
134 27.4 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX016749.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX016749.D (-1844) (-)



#90

Hexachloroethane

Concen: 17.195 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016815.D

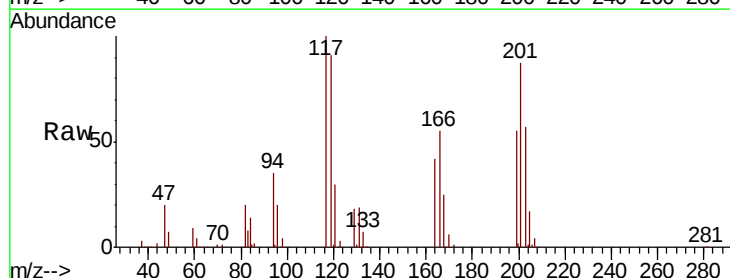
Acq: 17 Jun 2020 14:44

Tgt Ion: 117 Resp: 42434

Ion Ratio Lower Upper

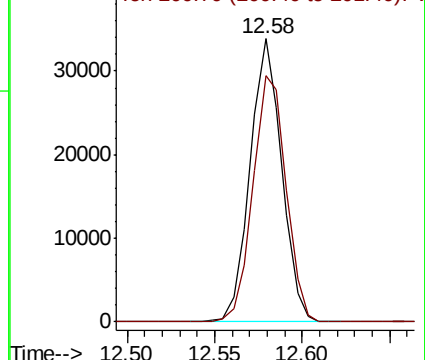
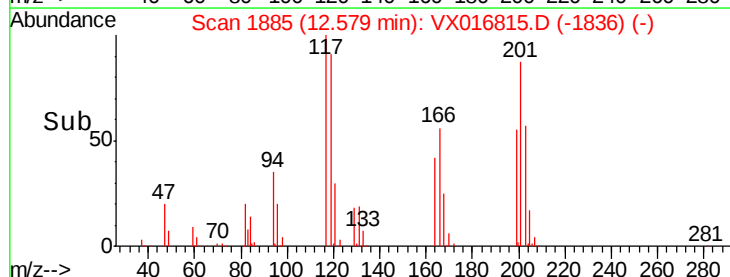
117 100

201 91.3 45.6 136.9



Abundance Ion 116.80 (116.50 to 117.50): VX016749.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX016749.D (-1878) (-)

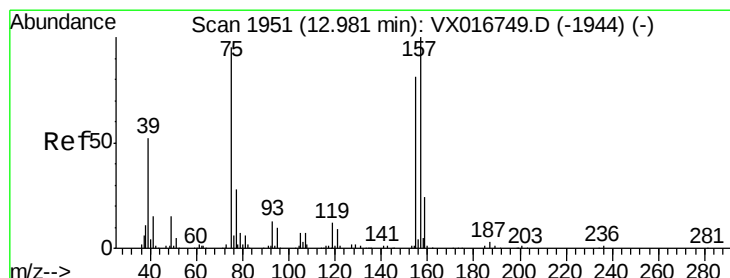
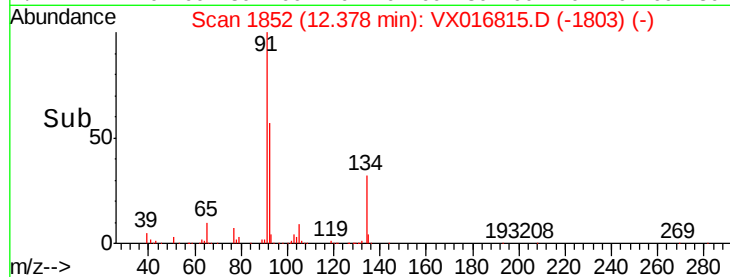
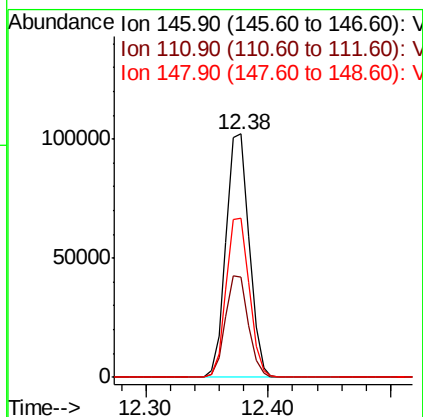
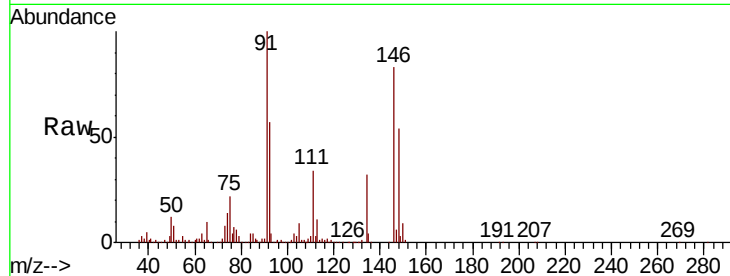




#91
1,2-Dichlorobenzene
Concen: 18.047 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

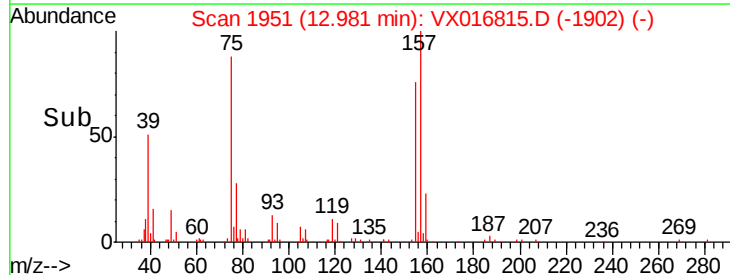
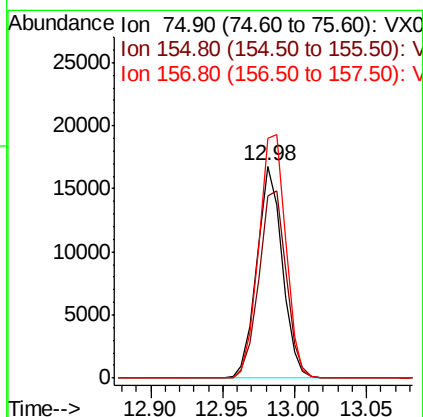
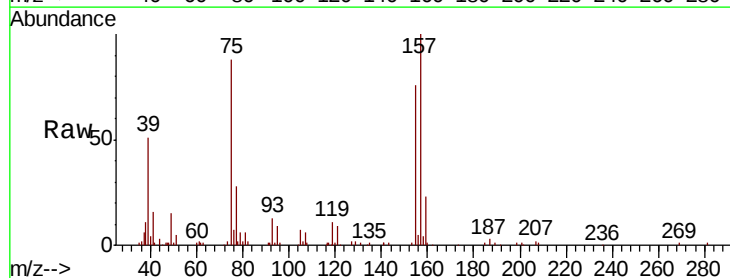
Instrument :
MSVOA_X
ClientSampled :
VX0617WBS01

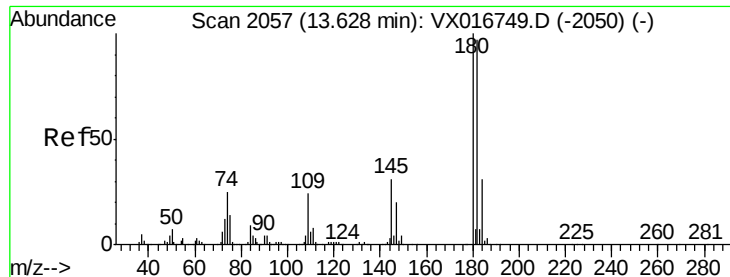
Tot Ion:146 Resp: 133917
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.2
148 65.1 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.915 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 75 Resp: 20351
Ion Ratio Lower Upper
75 100
155 94.9 46.9 140.7
157 122.0 59.6 178.7

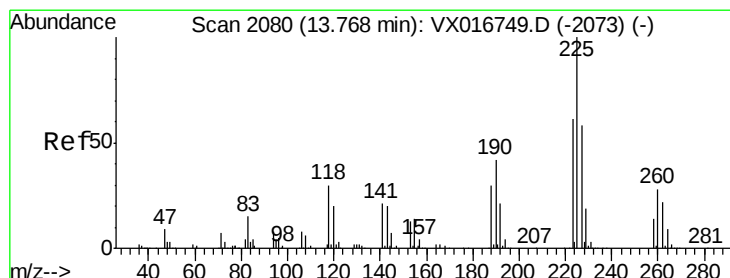
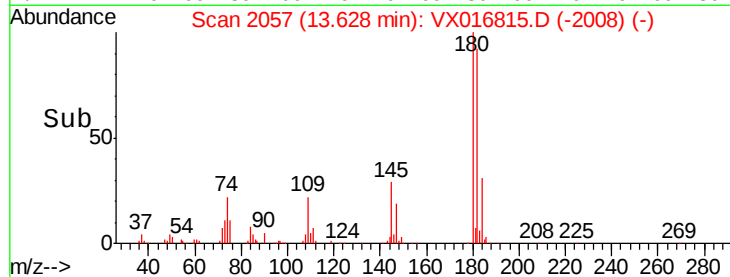
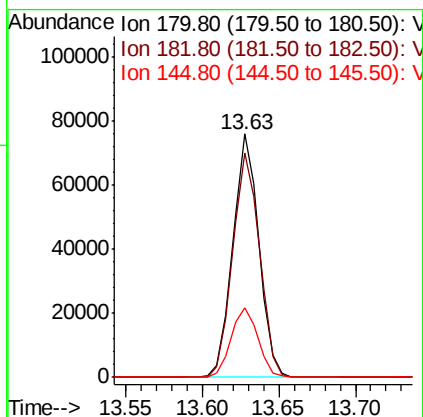
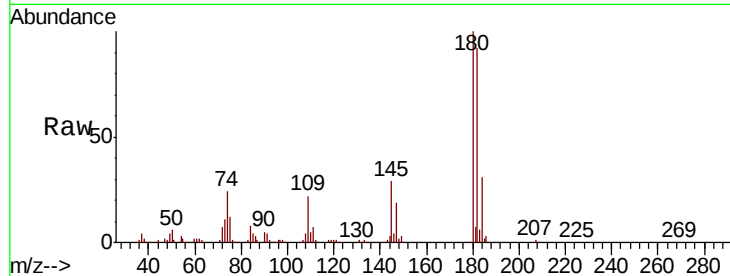




#93
 1,2,4-Trichlorobenzene
 Concen: 17.186 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

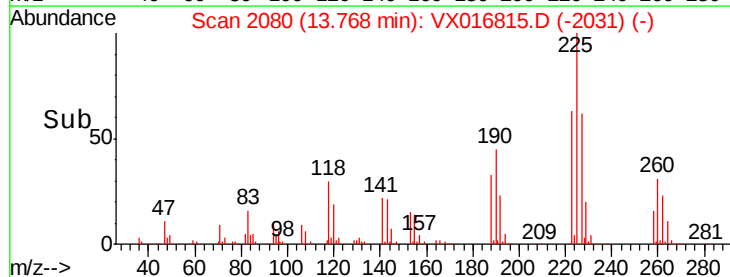
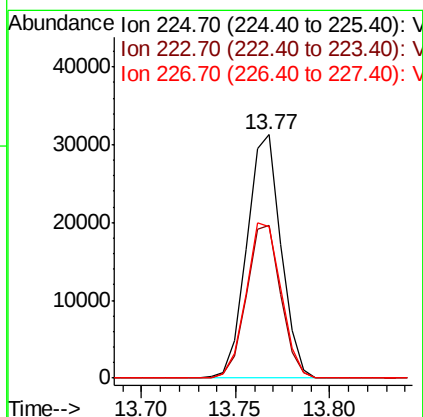
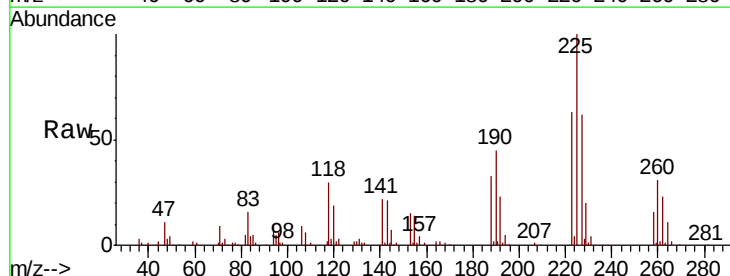
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

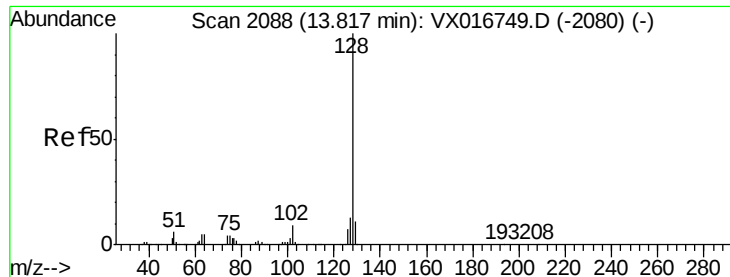
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.6	145.8
145	29.6	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 17.509 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.5
227	65.3	30.9	92.7





#95

Naphthalene

Concen: 17.125 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

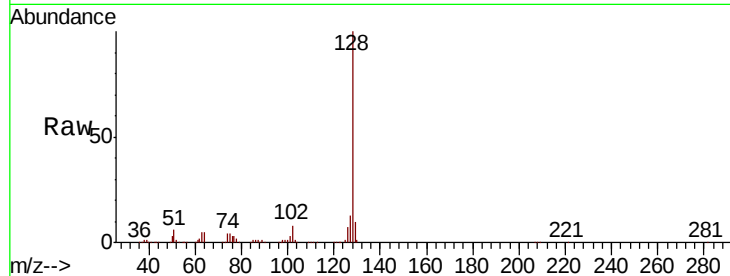
Tot Ion:128 Resp: 278784

Ion Ratio Lower Upper

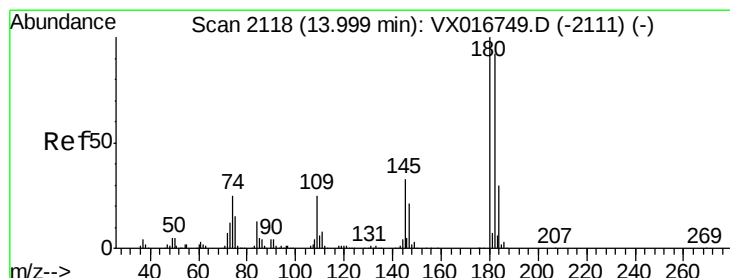
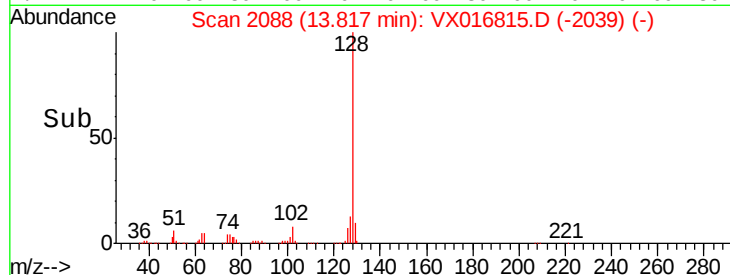
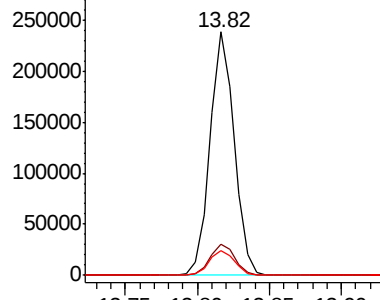
128 100

127 13.2 10.2 15.4

129 10.6 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: 17.160 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

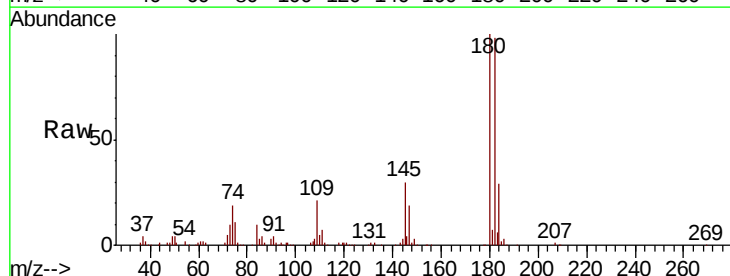
Tgt Ion:180 Resp: 87770

Ion Ratio Lower Upper

180 100

182 95.6 47.1 141.4

145 31.6 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

