

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016829.D
 Acq On : 17 Jun 2020 19:59
 Operator : JC/SP
 Sample : VX0617WBS05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Quant Time: Jun 18 00:48:25 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	264761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	428083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188997	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	145784	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
35) Dibromofluoromethane	5.47	113	121164	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	
50) Toluene-d8	8.70	98	465786	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.12	95	172801	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	64096	21.512	ug/l	99
3) Chloromethane	1.31	50	56742	19.633	ug/l	99
4) Vinyl Chloride	1.39	62	79717	25.849	ug/l	100
5) Bromomethane	1.63	94	44718	23.348	ug/l	99
6) Chloroethane	1.71	64	45430	23.915	ug/l	98
7) Trichlorofluoromethane	1.92	101	99570	22.417	ug/l	99
8) Diethyl Ether	2.17	74	39583	21.823	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55290	24.467	ug/l	97
10) Methyl Iodide	2.49	142	48353	17.119	ug/l	98
11) Tert butyl alcohol	3.01	59	66099	88.350	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57296	22.141	ug/l	99
13) Acrolein	2.27	56	27444	87.663	ug/l	93
14) Allyl chloride	2.71	41	97456	24.080	ug/l	96
15) Acrylonitrile	3.11	53	144613	95.258	ug/l	100
16) Acetone	2.42	43	153503	113.633	ug/l	99
17) Carbon Disulfide	2.55	76	162923	21.984	ug/l	99
18) Methyl Acetate	2.75	43	90811	25.186	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	167454	18.986	ug/l	99
20) Methylene Chloride	2.84	84	61606	21.172	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	52241	18.786	ug/l	99
22) Diisopropyl ether	3.82	45	150216	19.760	ug/l	99
23) Vinyl Acetate	3.78	43	633117	96.354	ug/l	100
24) 1,1-Dichloroethane	3.67	63	89360	18.794	ug/l	98
25) 2-Butanone	4.64	43	197290	96.906	ug/l	97
26) 2,2-Dichloropropane	4.55	77	79659	18.093	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	63156	19.871	ug/l	99
28) Bromochloromethane	4.98	49	38403	18.933	ug/l	98
29) Tetrahydrofuran	5.09	42	126718	96.081	ug/l	99
30) Chloroform	5.18	83	96418	19.167	ug/l	99
31) Cyclohexane	5.56	56	75218	20.068	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	87531	19.176	ug/l	99
36) 1,1-Dichloropropene	5.77	75	69806	18.452	ug/l	100
37) Ethyl Acetate	4.79	43	73934	17.846	ug/l	99
38) Carbon Tetrachloride	5.76	117	79697	18.550	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76923	18.154	ug/l	97
40) Benzene	6.12	78	210357	18.263	ug/l	100
41) Methacrylonitrile	5.00	41	41665	18.861	ug/l	96
42) 1,2-Dichloroethane	6.17	62	74400	17.698	ug/l	100
43) Isopropyl Acetate	6.41	43	117160	18.044	ug/l	98
44) Trichloroethene	7.19	130	73052	20.504	ug/l	99
45) 1,2-Dichloropropane	7.49	63	52810	18.703	ug/l	95
46) Dibromomethane	7.63	93	36795	17.880	ug/l	99
47) Bromodichloromethane	7.88	83	76642	17.864	ug/l	100
48) Methyl methacrylate	7.74	41	55802	18.132	ug/l	98
49) 1,4-Dioxane	7.71	88	24373	320.027	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	378167	94.515	ug/l	99
52) Toluene	8.77	92	137743	18.411	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	99226	20.477	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	89576	17.721	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	61977	20.598	ug/l	98
56) Ethyl methacrylate	9.16	69	96379	21.394	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105892	20.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	207972	93.892	ug/l	100
59) 2-Hexanone	9.47	43	354213	114.680	ug/l	100
60) Dibromochloromethane	9.56	129	70197	19.740	ug/l	99
61) 1,2-Dibromoethane	9.65	107	67365	20.544	ug/l	99
64) Tetrachloroethene	9.32	164	86671	24.190	ug/l	98
65) Chlorobenzene	10.12	112	149117	19.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	59095	19.566	ug/l	98
67) Ethyl Benzene	10.24	91	252673	19.742	ug/l	99
68) m/p-Xylenes	10.34	106	193469	39.868	ug/l	100
69) o-Xylene	10.68	106	92144	19.710	ug/l	98
70) Styrene	10.69	104	162065	20.053	ug/l	99
71) Bromoform	10.84	173	50794	19.711	ug/l #	98
73) Isopropylbenzene	11.00	105	248629	20.049	ug/l	99
74) N-amyl acetate	10.88	43	95759	19.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	66342	18.186	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	98416	24.762	ug/l	86
77) Bromobenzene	11.24	156	67828	19.371	ug/l	99
78) n-propylbenzene	11.34	91	273032	20.273	ug/l	99
79) 2-Chlorotoluene	11.40	91	166941	19.603	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	209865	20.188	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28915	18.315	ug/l	96
82) 4-Chlorotoluene	11.49	91	198463	19.909	ug/l	100
83) tert-Butylbenzene	11.76	119	188078	19.772	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	209180	19.891	ug/l	100
85) sec-Butylbenzene	11.93	105	223008	20.043	ug/l	100
86) p-Isopropyltoluene	12.05	119	211714	19.831	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117293	19.814	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	117782	19.186	ug/l	99
89) n-Butylbenzene	12.37	91	170991	19.402	ug/l	99
90) Hexachloroethane	12.58	117	36919	18.753	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	113130	19.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19504	19.119	ug/l	98

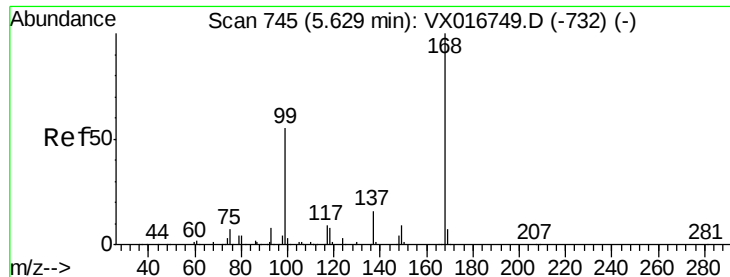
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061720\
Data File : VX016829.D
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Operator : JC/SP
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Quant Time: Jun 18 00:48:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	89904	21.686	ug/l	97
94) Hexachlorobutadiene	13.76	225	37363	20.725	ug/l	96
95) Naphthalene	13.82	128	284649	21.917	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	82263	20.160	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

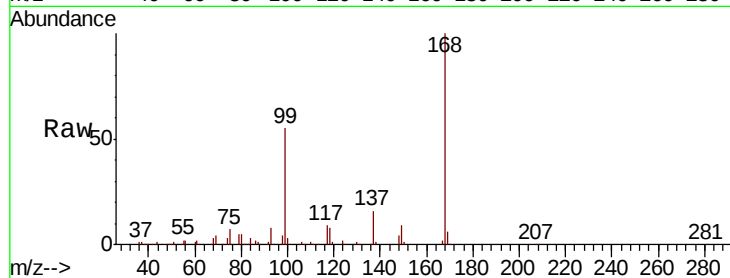
VX0617WBS05

Tot Ion:168 Resp: 264761

Ion Ratio Lower Upper

168 100

99 55.4 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

100000

80000

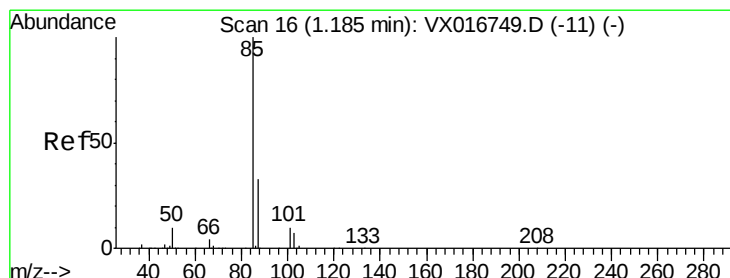
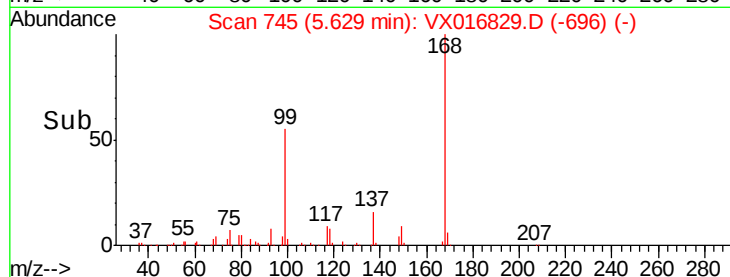
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.512 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016829.D

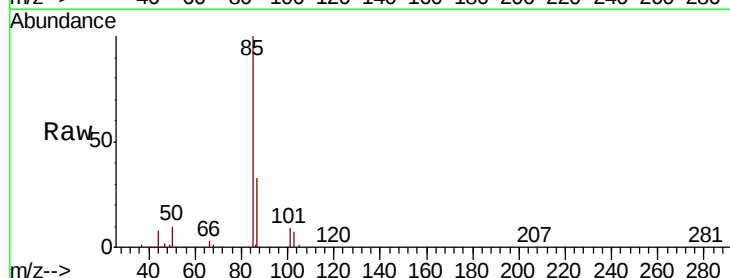
Acq: 17 Jun 2020 19:59

Tgt Ion: 85 Resp: 64096

Ion Ratio Lower Upper

85 100

87 33.5 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

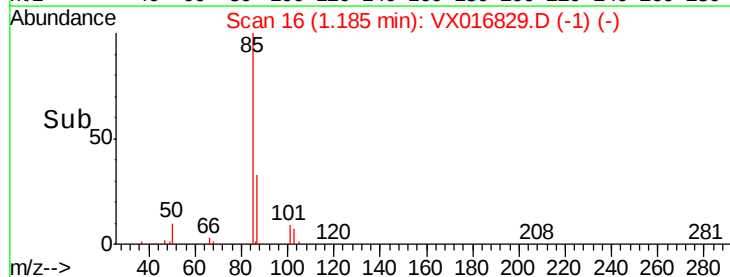
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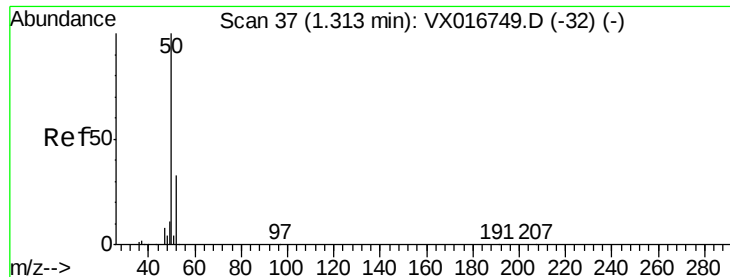
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.633 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

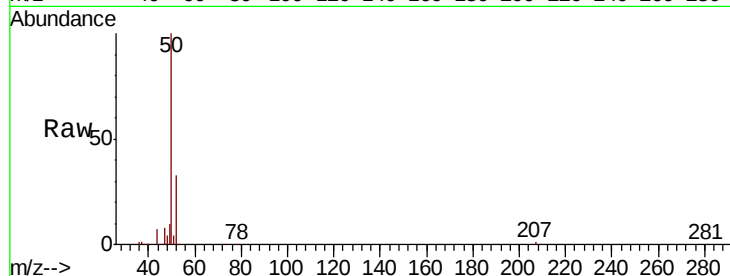
VX0617WBS05

Tot Ion: 50 Resp: 56742

Ion Ratio Lower Upper

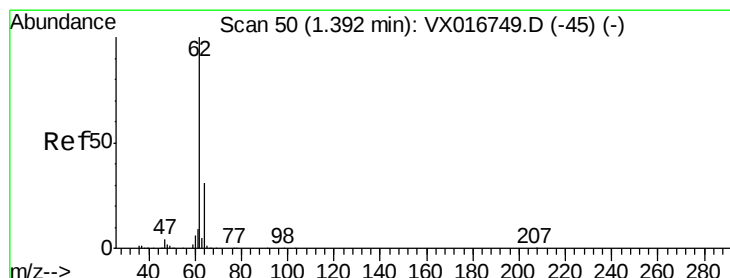
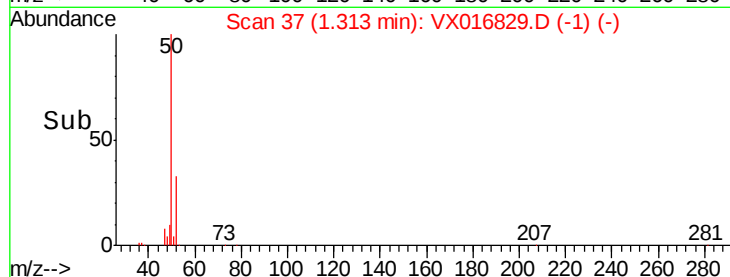
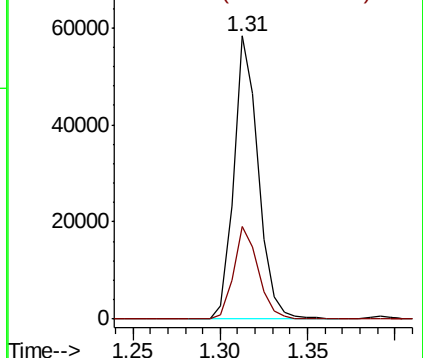
50 100

52 32.6 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: 25.849 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016829.D

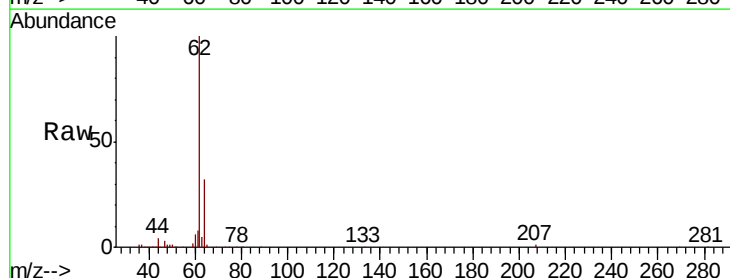
Acq: 17 Jun 2020 19:59

Tgt Ion: 62 Resp: 79717

Ion Ratio Lower Upper

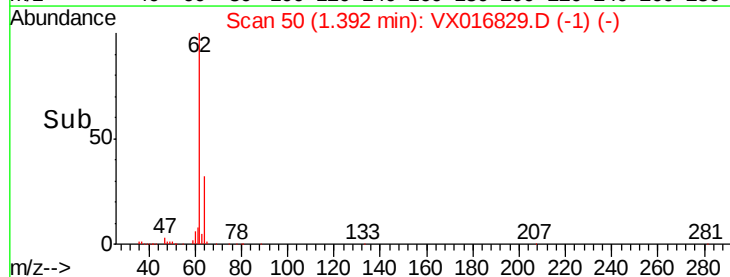
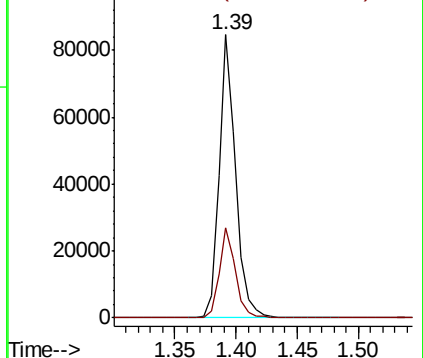
62 100

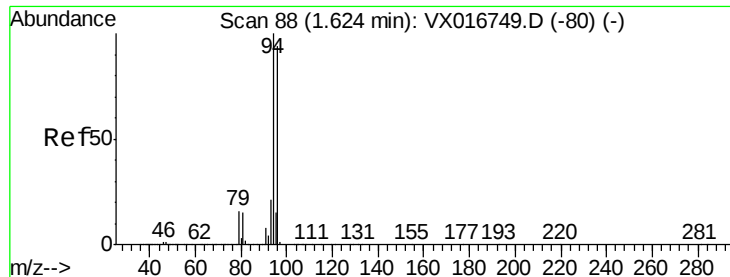
64 31.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.348 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

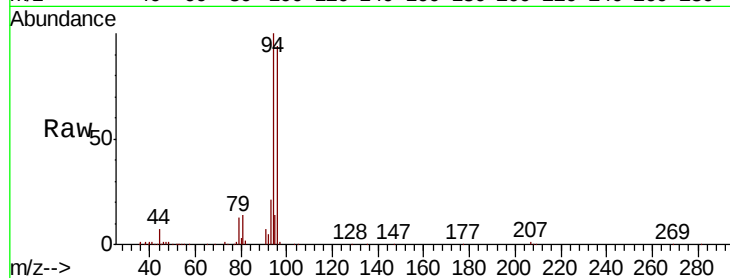
VX0617WBS05

Tot Ion: 94 Resp: 44718

Ion Ratio Lower Upper

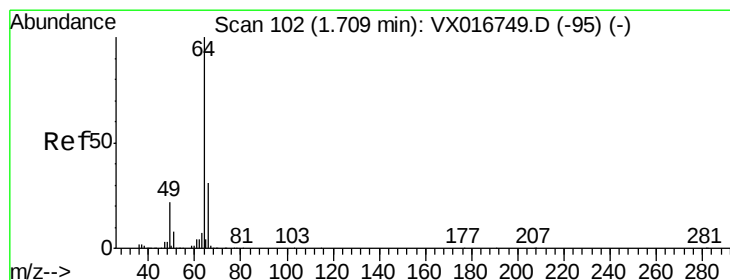
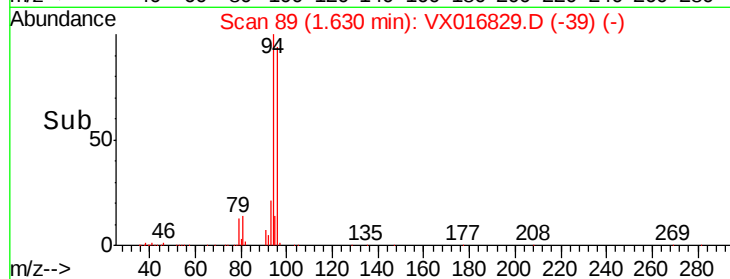
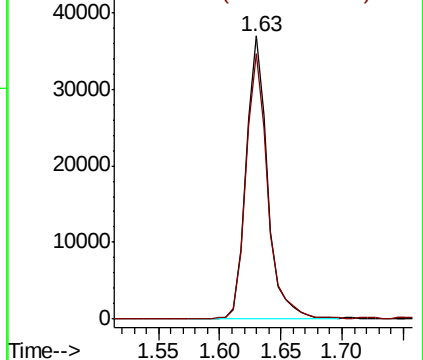
94 100

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: 23.915 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016829.D

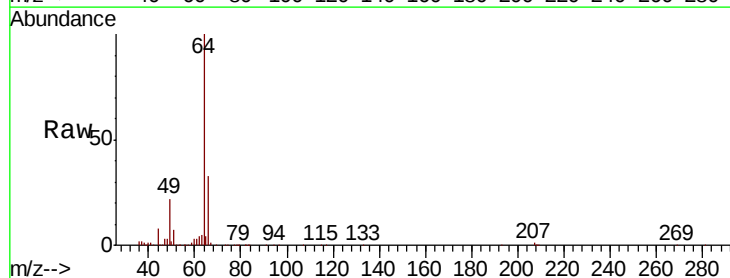
Acq: 17 Jun 2020 19:59

Tgt Ion: 64 Resp: 45430

Ion Ratio Lower Upper

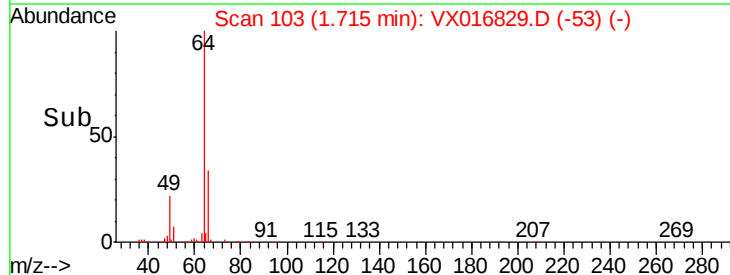
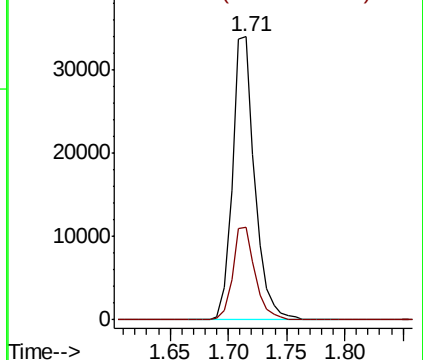
64 100

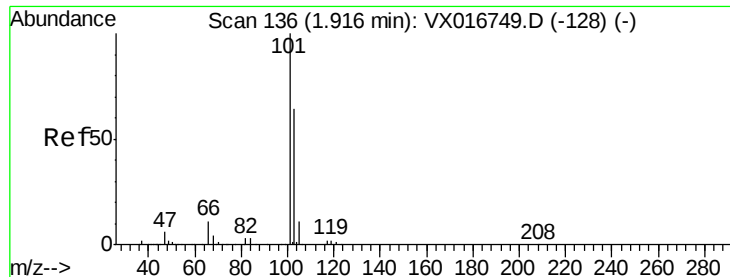
66 32.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



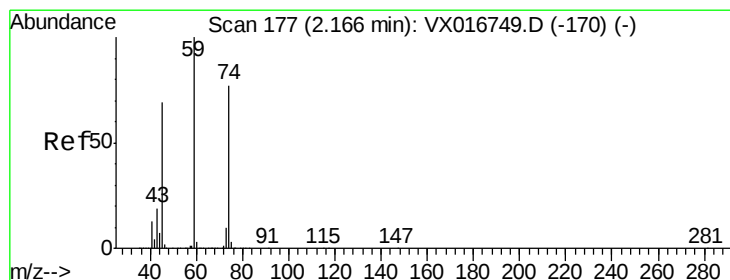
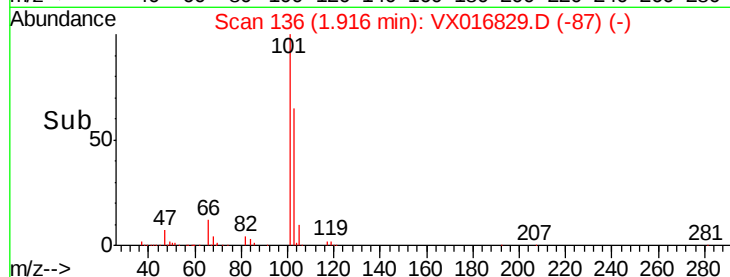
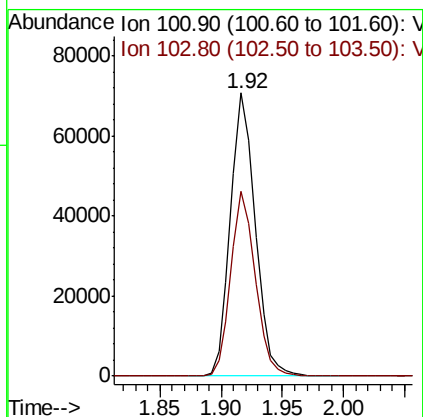
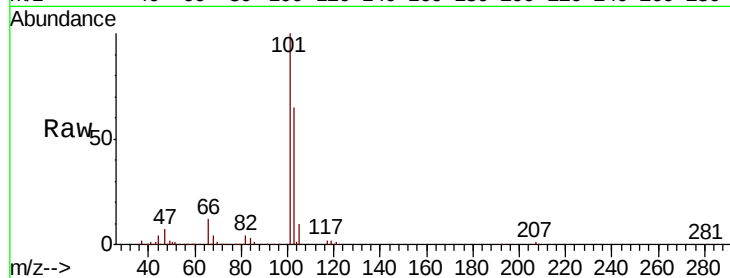


#7

Trichlorofluoromethane
 Concen: 22.417 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

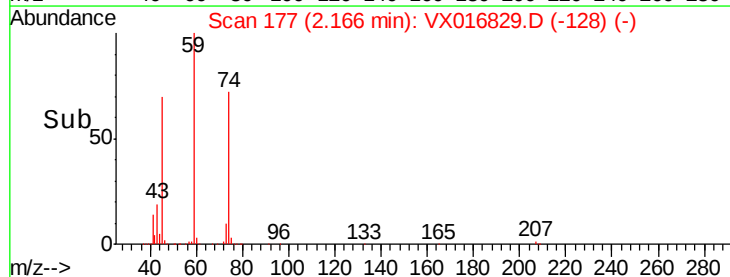
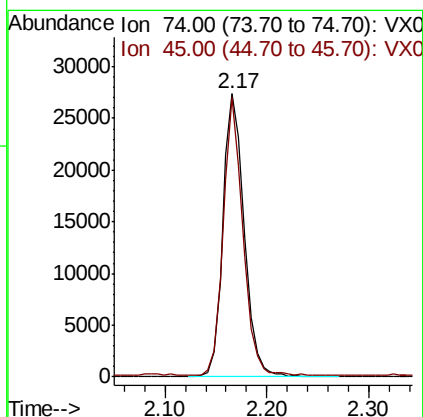
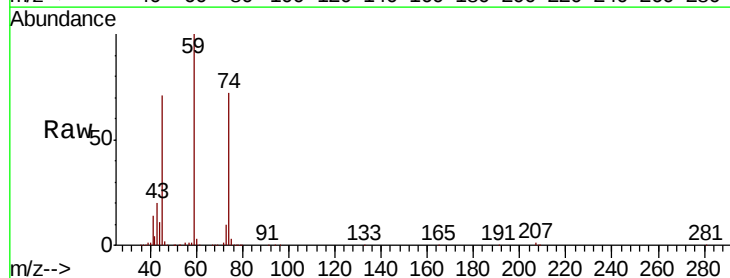
Tot Ion:101 Resp: 99570
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.3 76.9

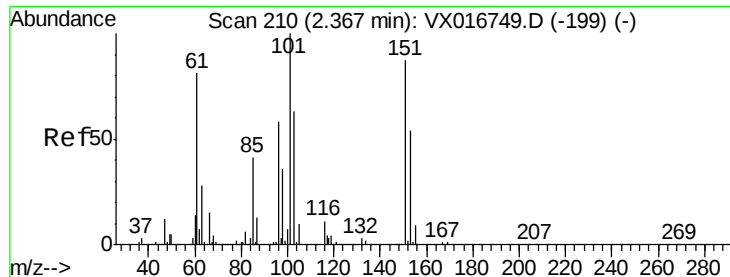


#8

Diethyl Ether
 Concen: 21.823 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion: 74 Resp: 39583
 Ion Ratio Lower Upper
 74 100
 45 90.7 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.467 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

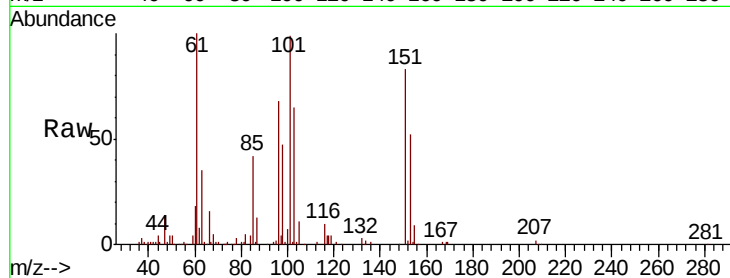
Tot Ion:101 Resp: 55290

Ion Ratio Lower Upper

101 100

85 42.2 34.0 51.0

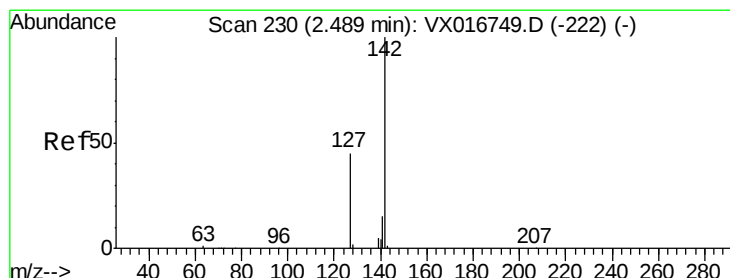
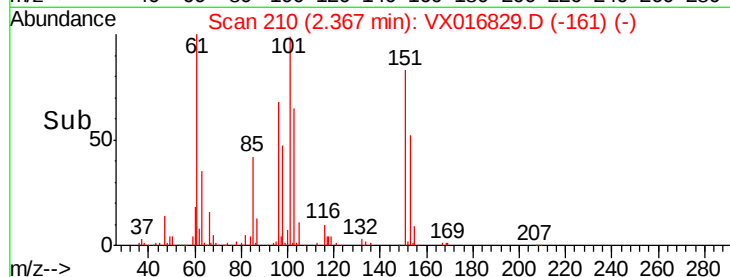
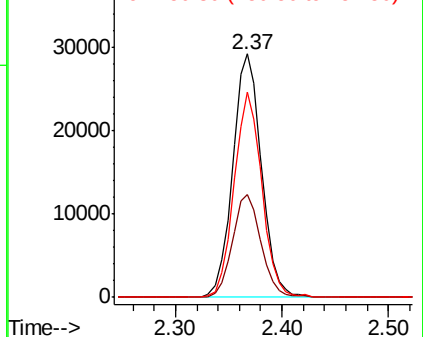
151 81.4 68.7 103.1



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: 17.119 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

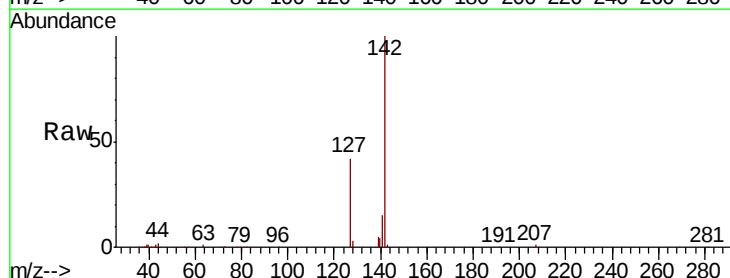
Tgt Ion:142 Resp: 48353

Ion Ratio Lower Upper

142 100

127 42.2 35.4 53.2

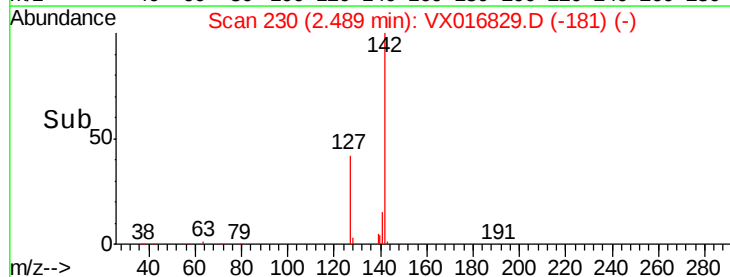
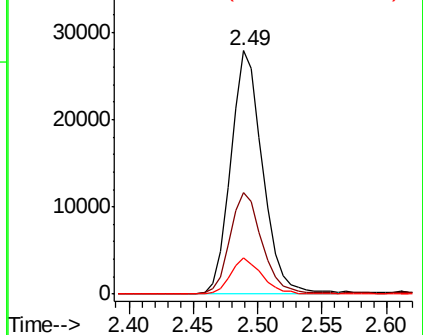
141 14.6 11.7 17.5

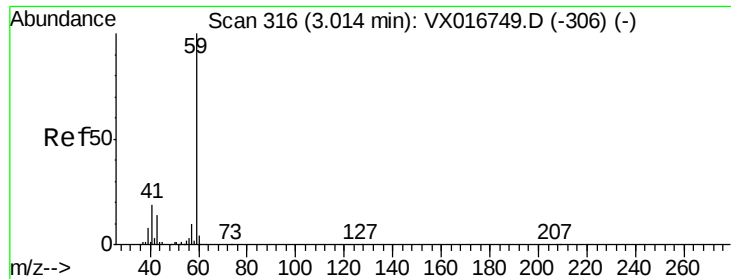


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



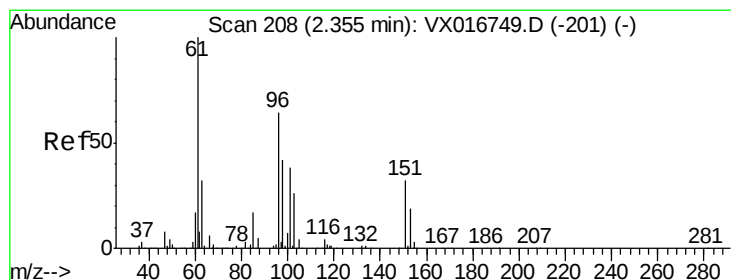
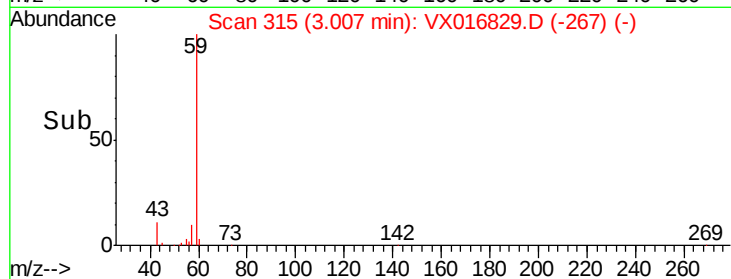
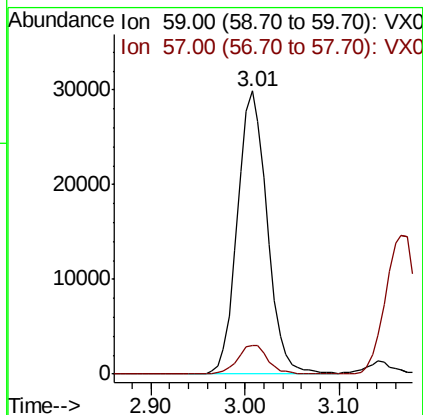
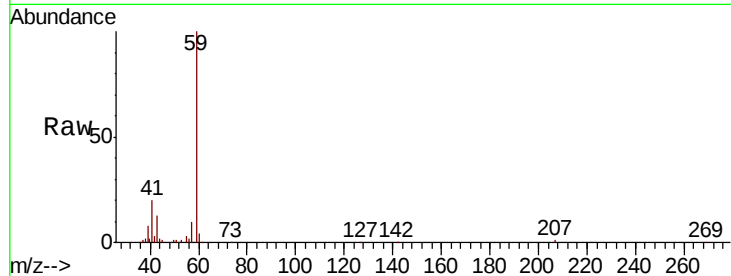


#11

Tert butyl alcohol
Concen: 88.350 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

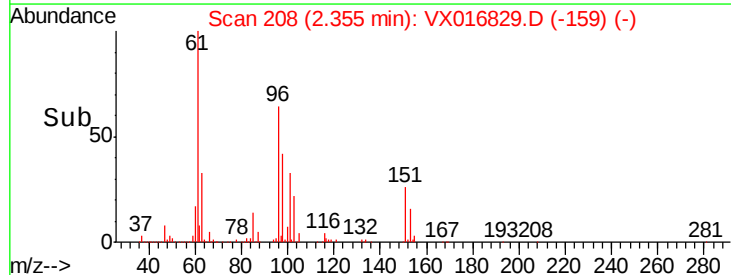
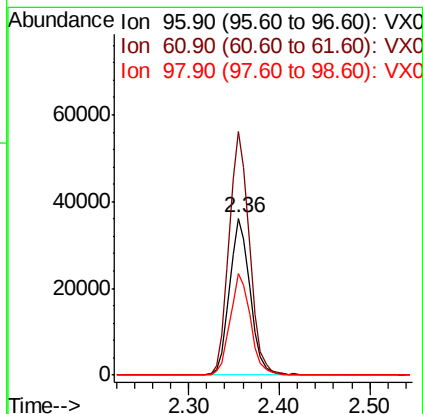
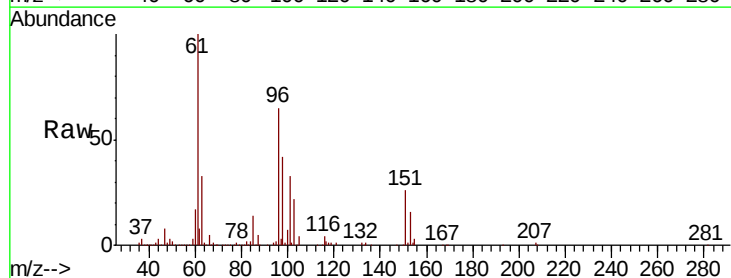
Tot Ion: 59 Resp: 66099
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

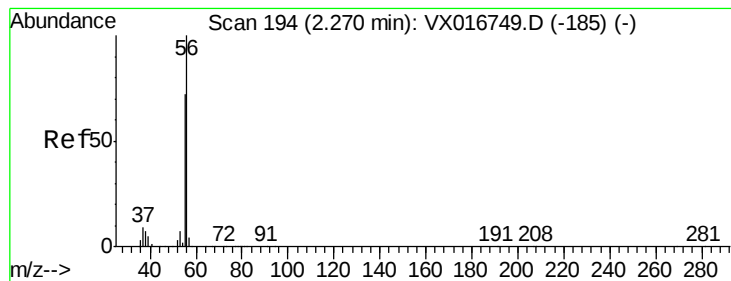


#12

1,1-Dichloroethene
Concen: 22.141 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion: 96 Resp: 57296
Ion Ratio Lower Upper
96 100
61 154.9 124.1 186.1
98 64.6 52.7 79.1





#13

Acrolein

Concen: 87.663 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

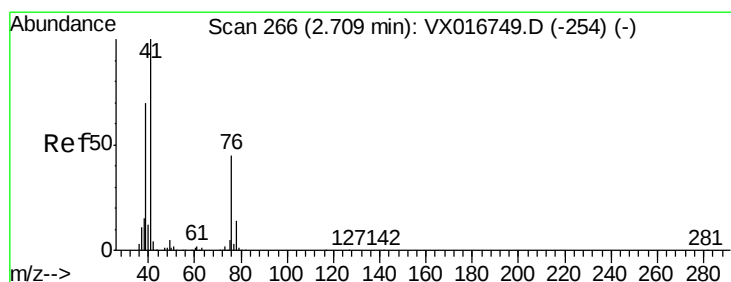
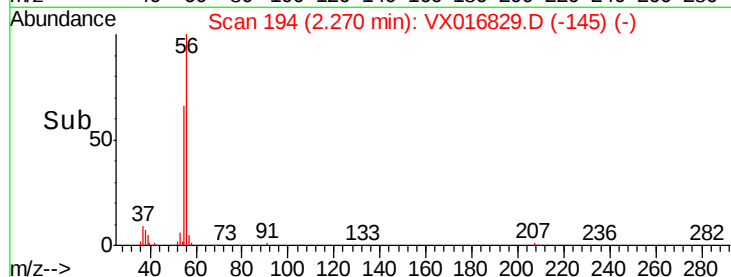
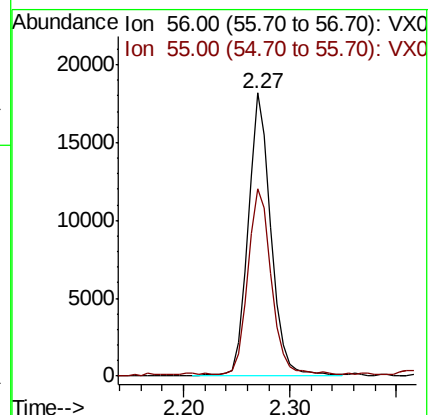
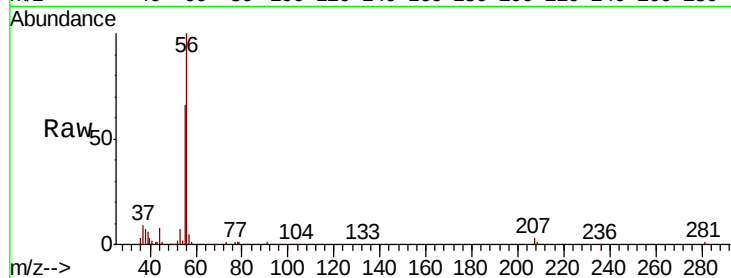
VX0617WBS05

Tot Ion: 56 Resp: 27444

Ion Ratio Lower Upper

56 100

55 67.0 58.2 87.4



#14

Allyl chloride

Concen: 24.080 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

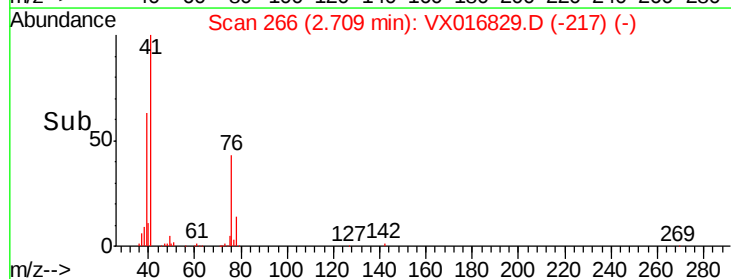
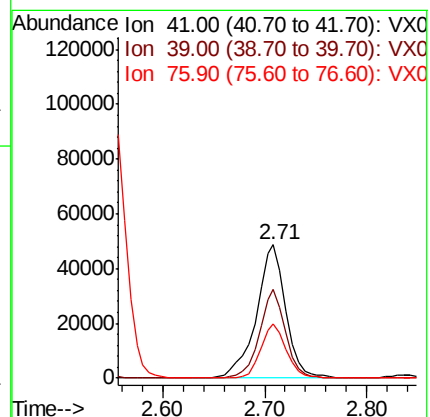
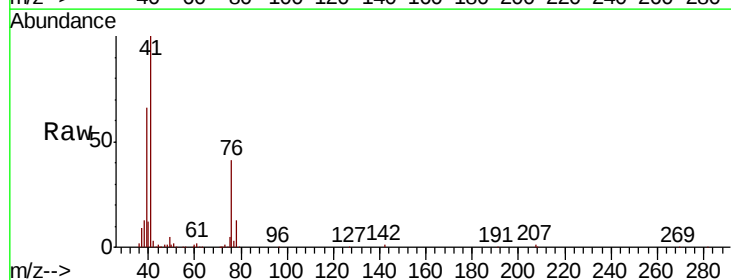
Tgt Ion: 41 Resp: 97456

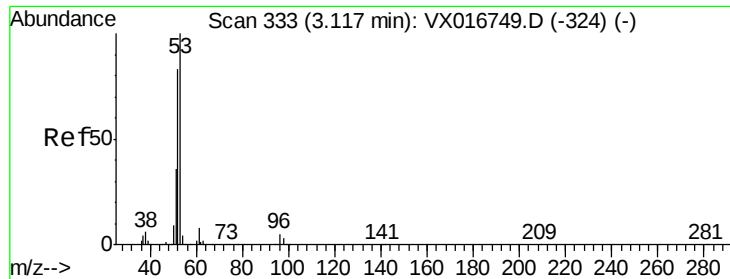
Ion Ratio Lower Upper

41 100

39 59.3 50.2 75.4

76 35.5 30.4 45.6

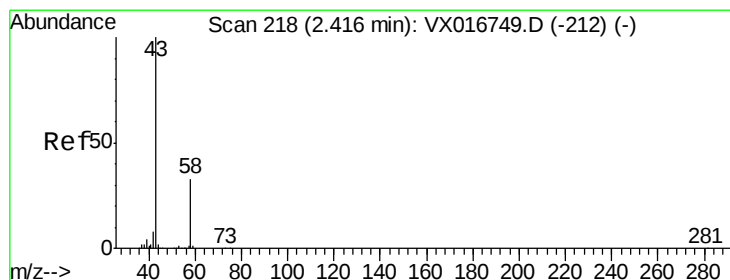
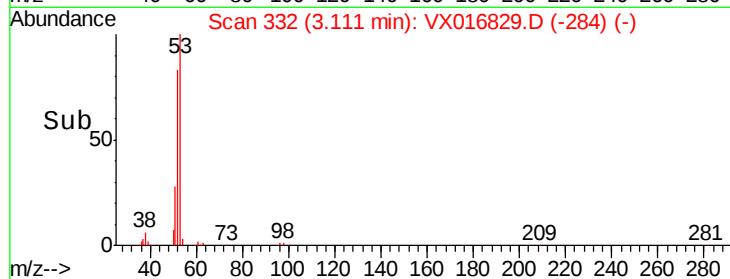
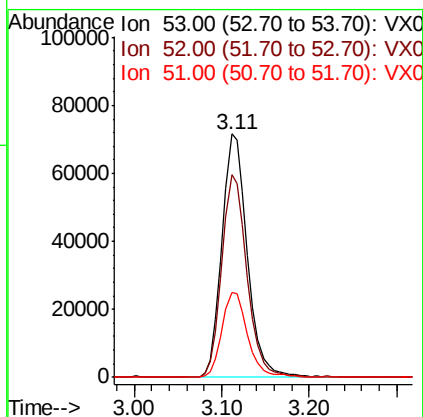
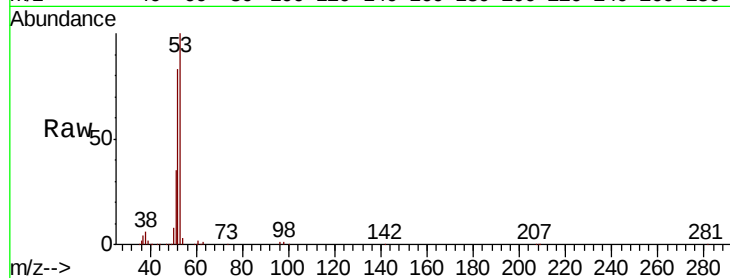




#15
 Acrylonitrile
 Concen: 95.258 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

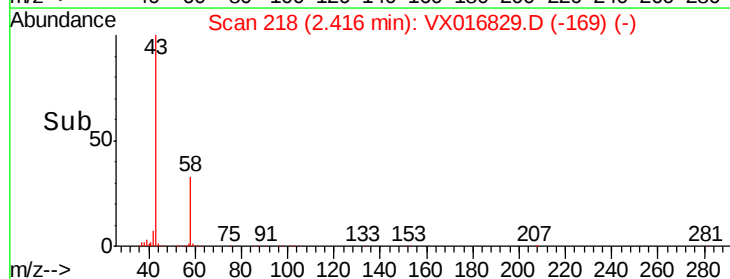
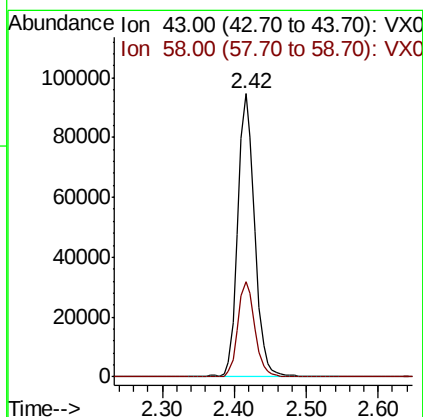
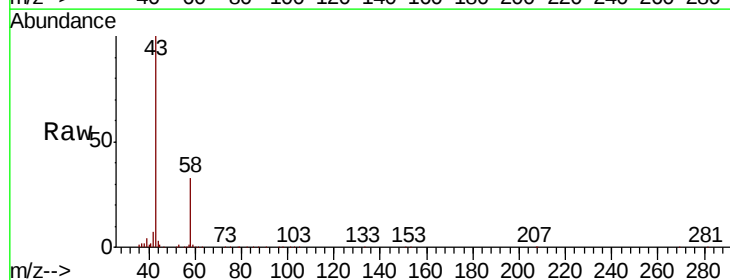
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

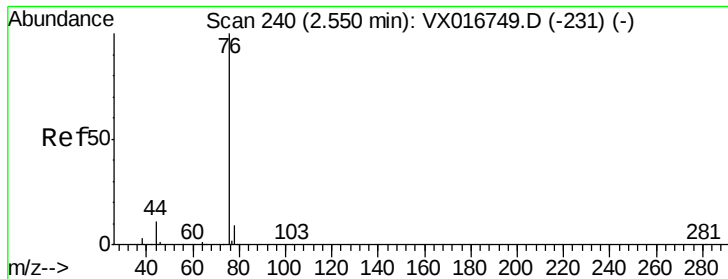
Tot Ion: 53 Resp: 144613
 Ion Ratio Lower Upper
 53 100
 52 82.5 65.5 98.3
 51 35.7 28.6 42.8



#16
 Acetone
 Concen: 113.633 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion: 43 Resp: 153503
 Ion Ratio Lower Upper
 43 100
 58 33.5 26.3 39.5

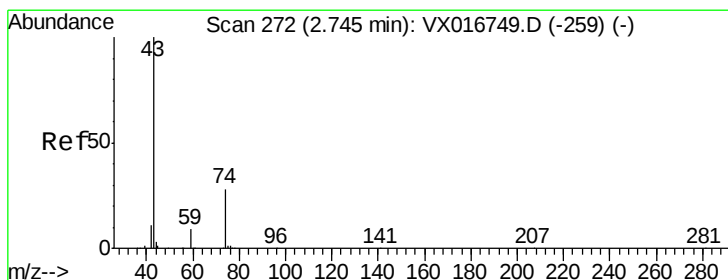
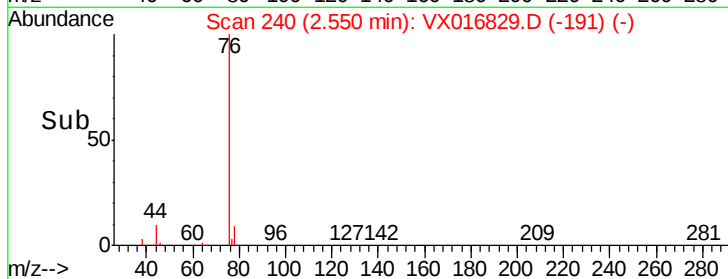
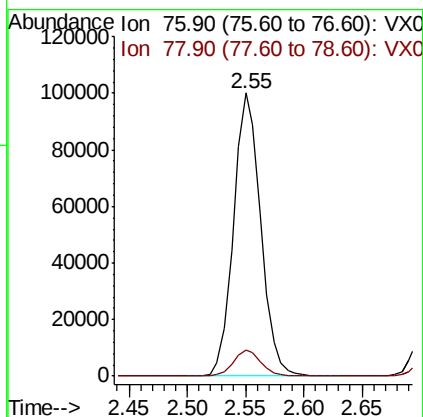
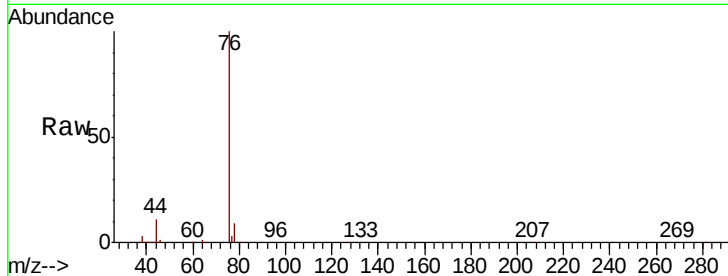




#17
Carbon Disulfide
Concen: 21.984 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

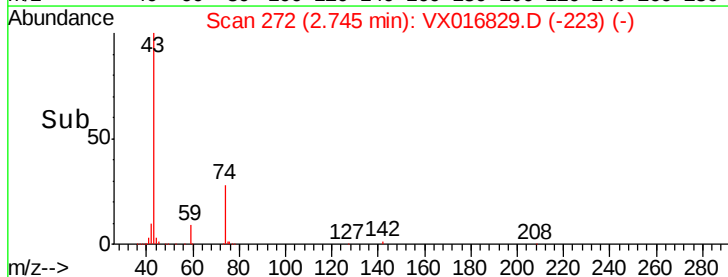
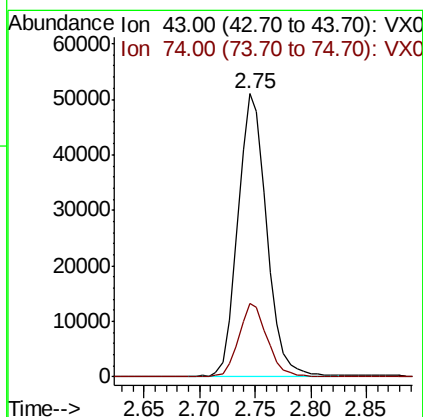
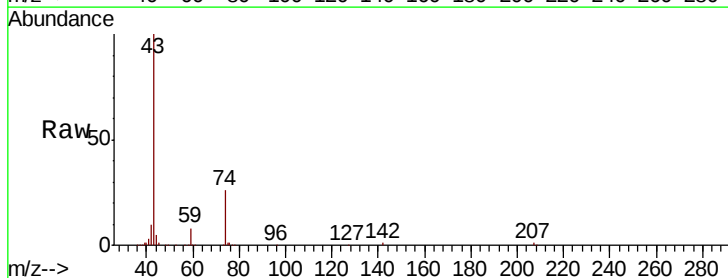
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

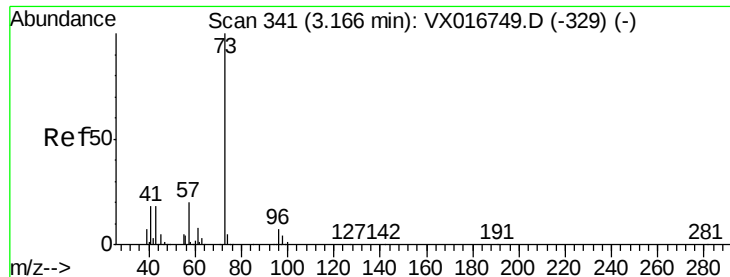
Tot Ion: 76 Resp: 162923
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 25.186 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion: 43 Resp: 90811
Ion Ratio Lower Upper
43 100
74 25.8 22.4 33.6



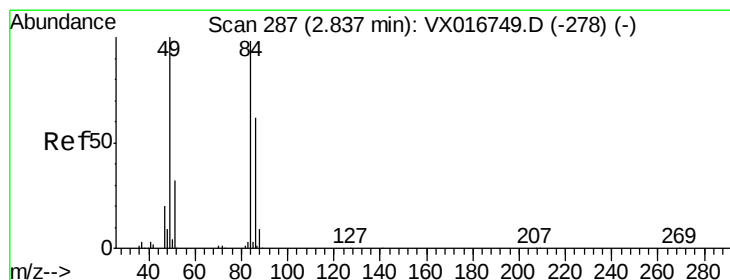
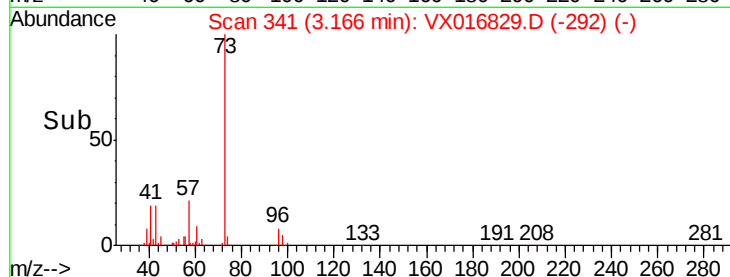
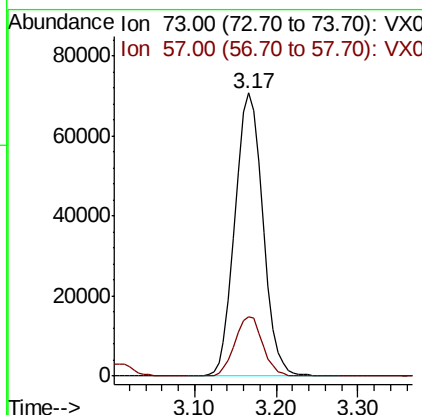
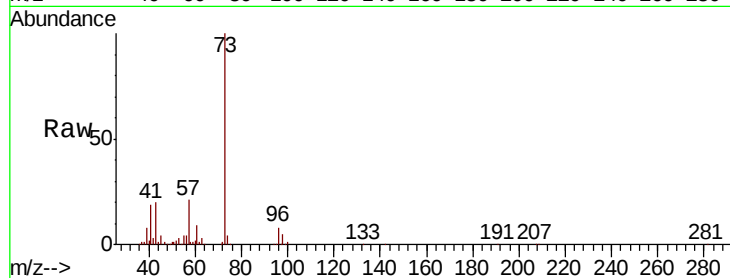


#19

Methyl tert-butyl Ether
 Concen: 18.986 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

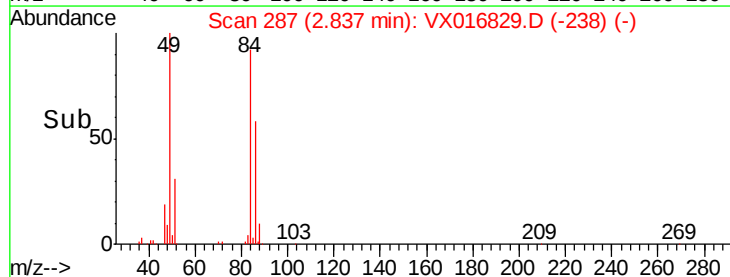
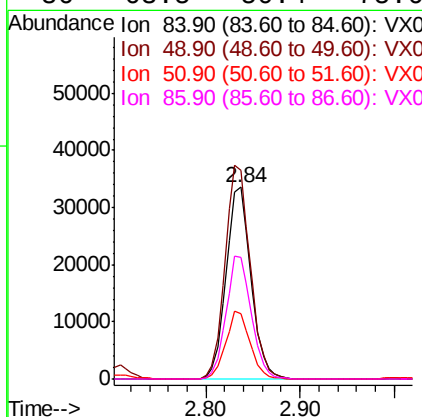
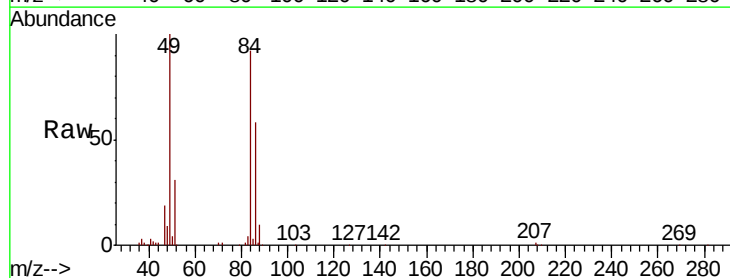
Tot Ion: 73 Resp: 167454
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.2 24.4

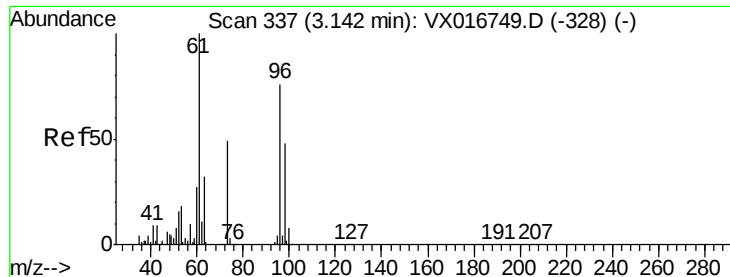


#20

Methylene Chloride
 Concen: 21.172 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion: 84 Resp: 61606
 Ion Ratio Lower Upper
 84 100
 49 109.2 81.8 122.8
 51 34.3 25.8 38.8
 86 63.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 18.786 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

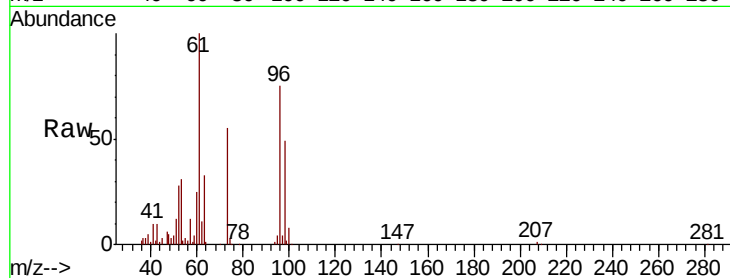
Tot Ion: 96 Resp: 52241

Ion Ratio Lower Upper

96 100

61 132.7 105.4 158.2

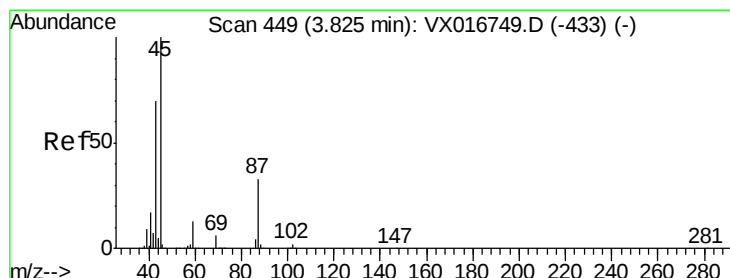
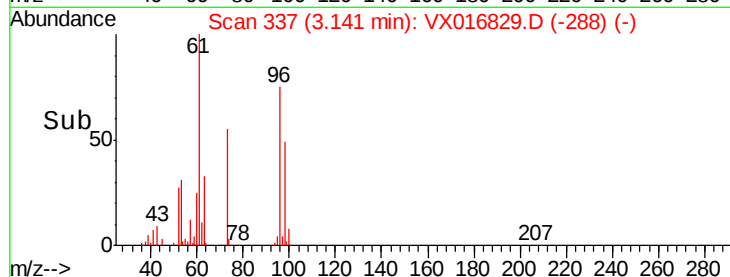
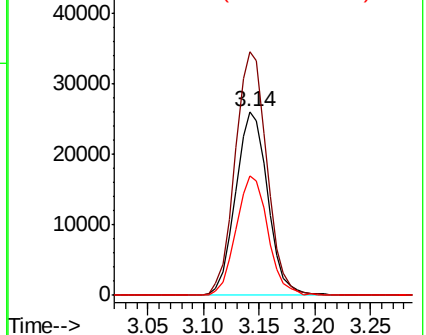
98 65.3 50.8 76.2



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: 19.760 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Tgt Ion: 45 Resp: 150216

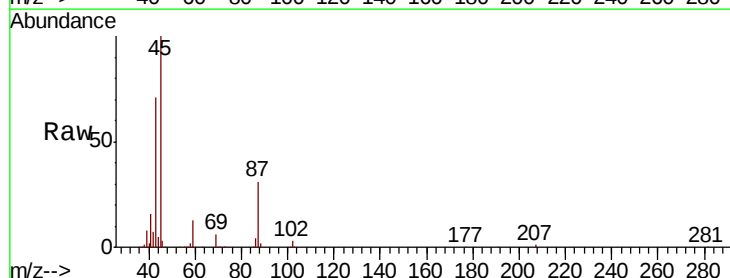
Ion Ratio Lower Upper

45 100

43 70.9 56.2 84.4

87 31.4 26.2 39.4

59 13.4 10.3 15.5

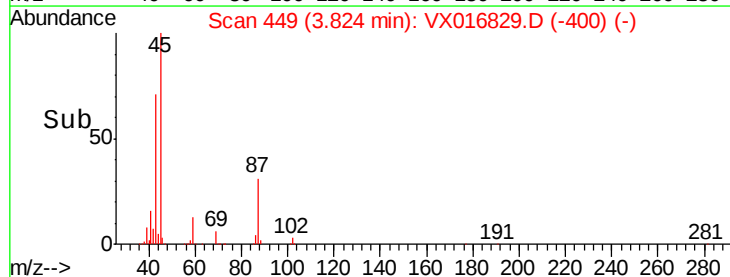
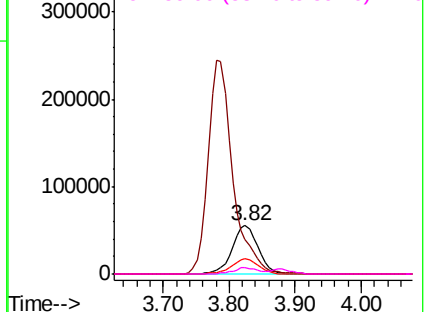


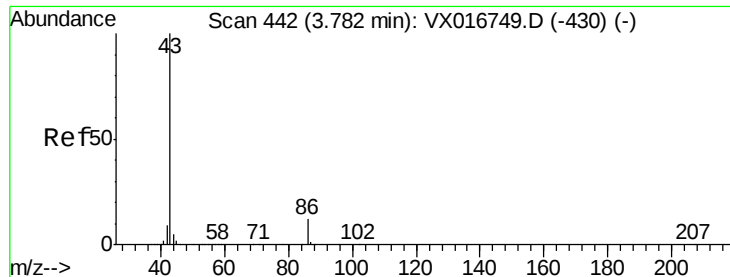
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.354 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampled :

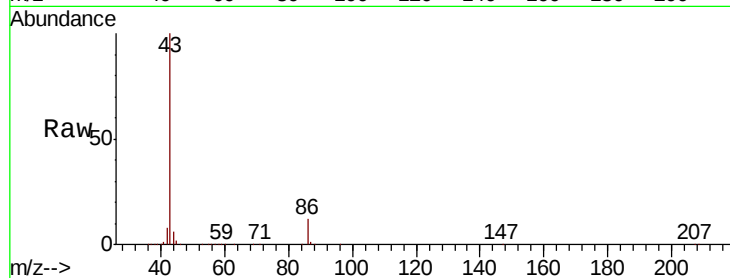
VX0617WBS05

Tot Ion: 43 Resp: 633117

Ion Ratio Lower Upper

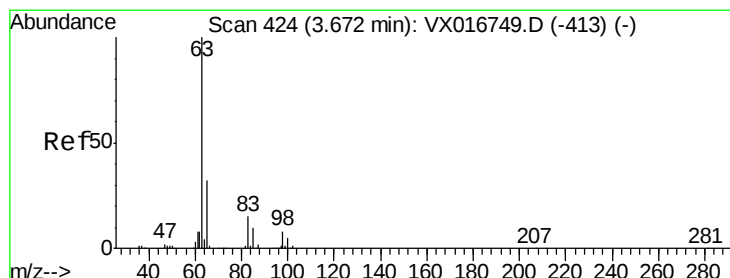
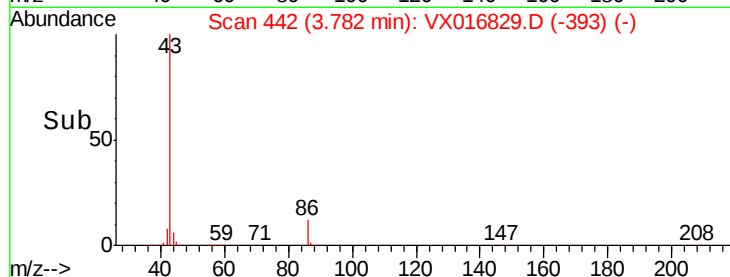
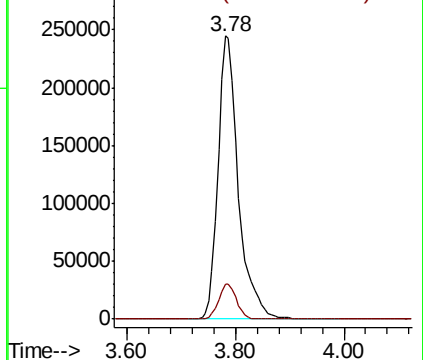
43 100

86 12.5 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: 18.794 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

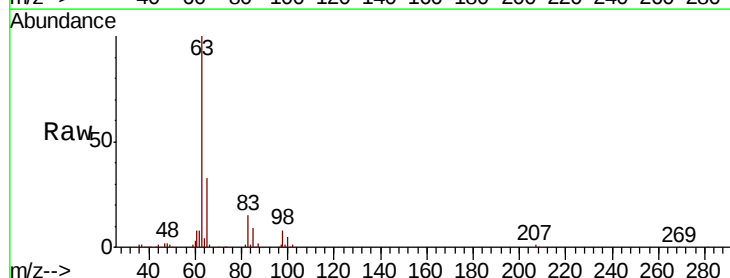
Tgt Ion: 63 Resp: 89360

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.4

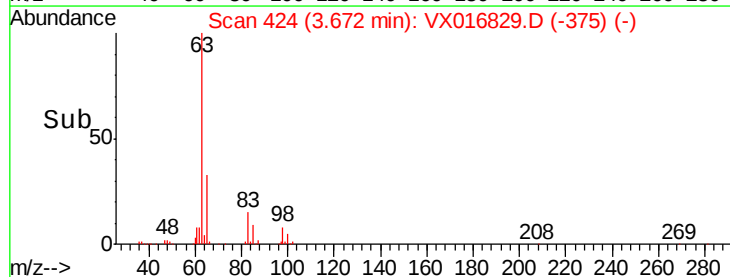
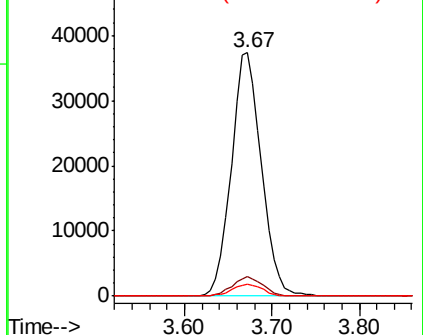
100 5.2 2.3 6.9

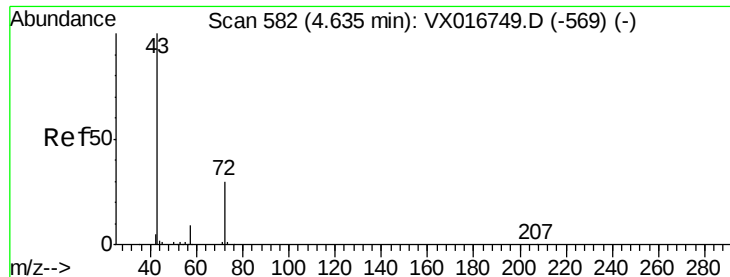


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.906 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

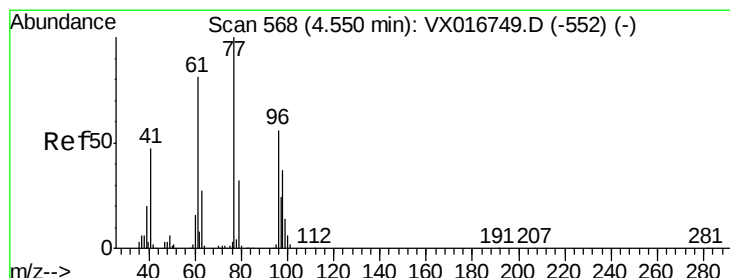
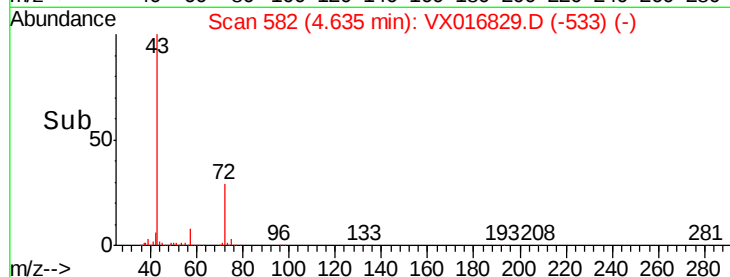
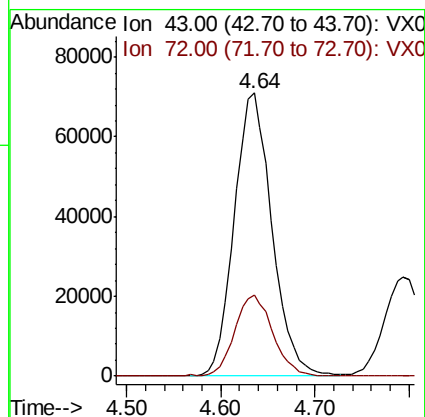
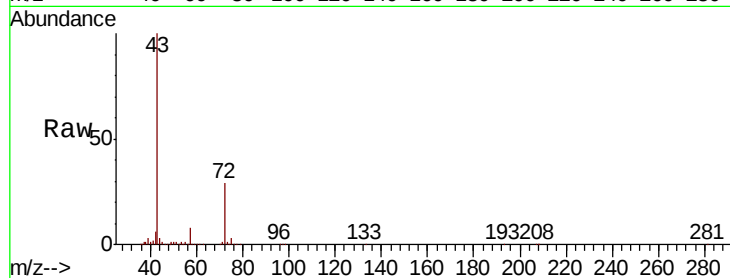
VX0617WBS05

Tot Ion: 43 Resp: 197290

Ion Ratio Lower Upper

43 100

72 28.7 24.2 36.4



#26

2,2-Dichloropropane

Concen: 18.093 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016829.D

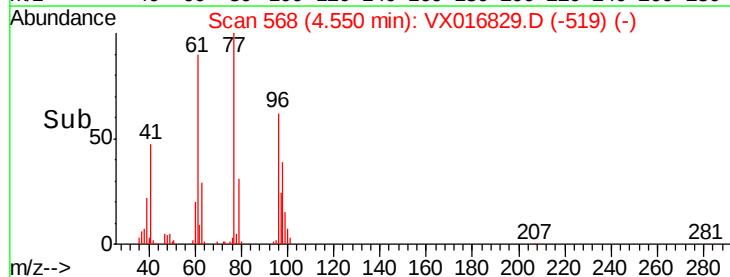
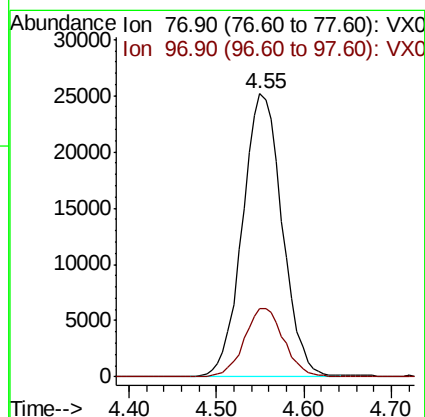
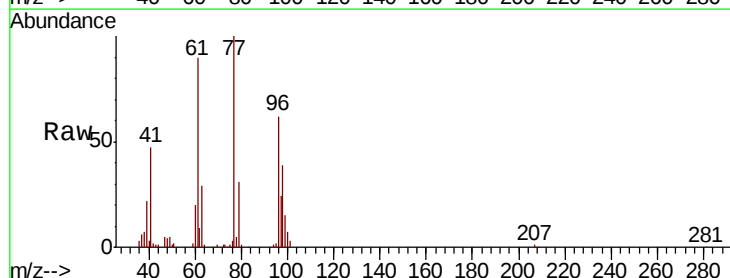
Acq: 17 Jun 2020 19:59

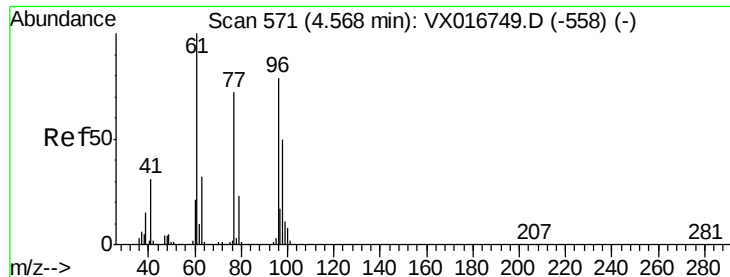
Tgt Ion: 77 Resp: 79659

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.4



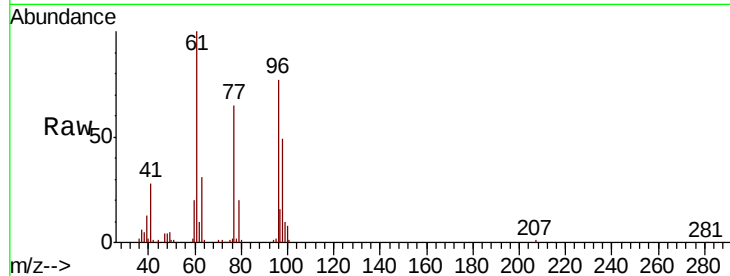


#27

cis-1,2-Dichloroethene
 Concen: 19.871 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	276.2
98	64.0	0.0	130.0

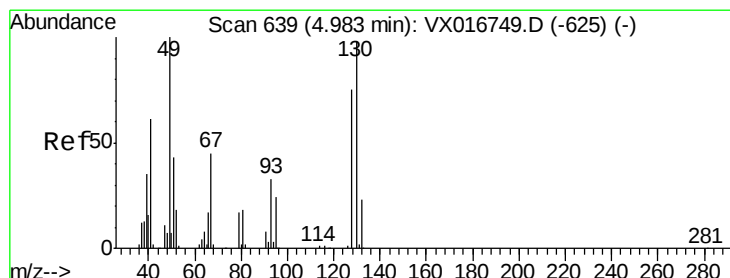
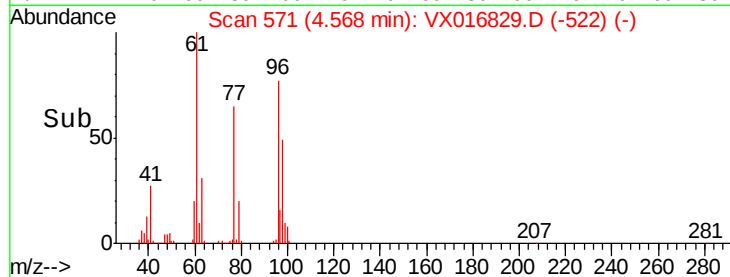
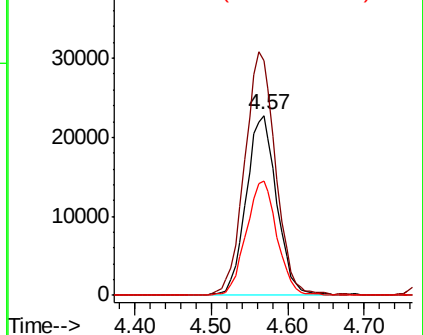


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

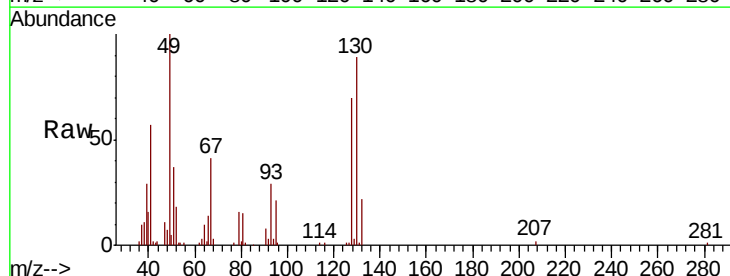
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 18.933 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	2.8
130	92.7	76.0	114.0

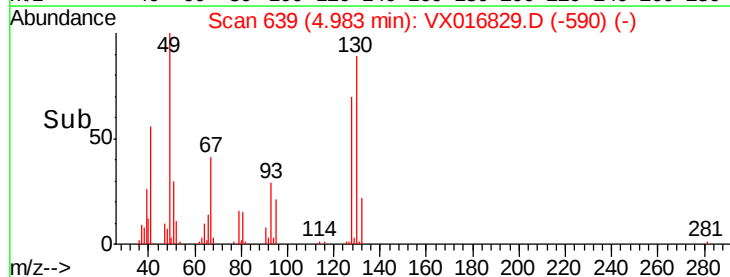
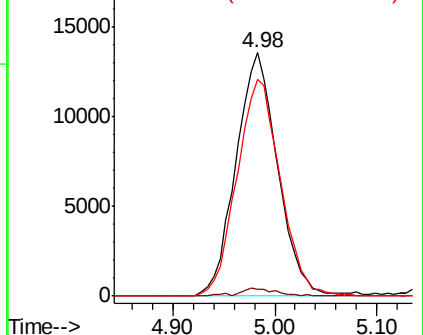


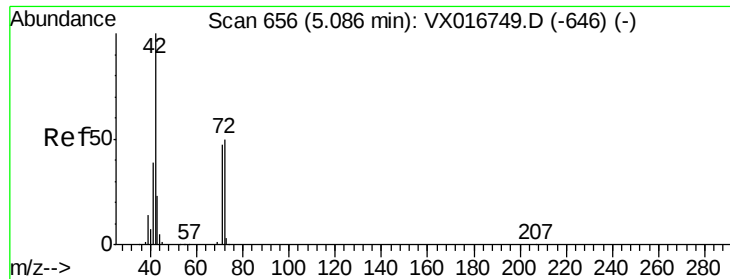
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

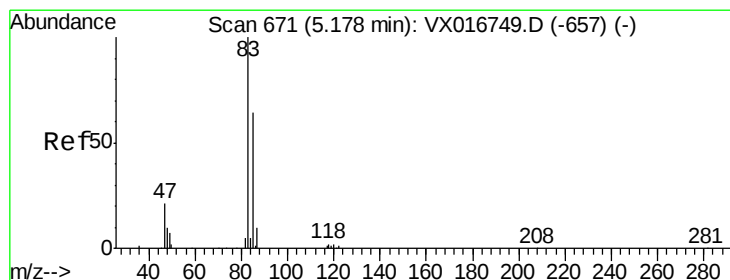
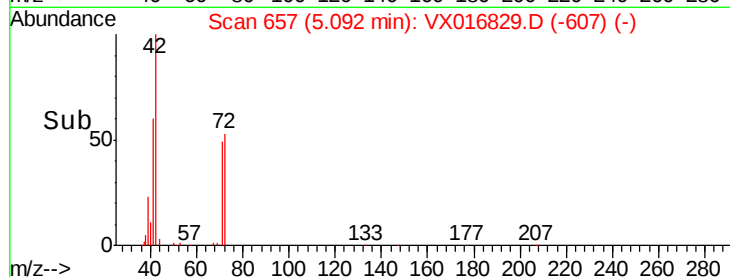
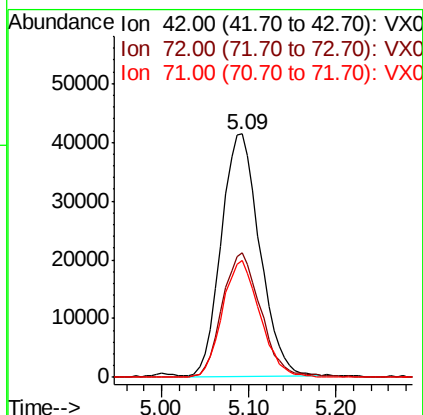
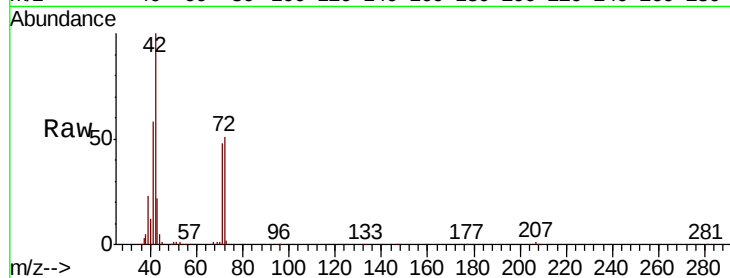




#29
Tetrahydrofuran
Concen: 96.081 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

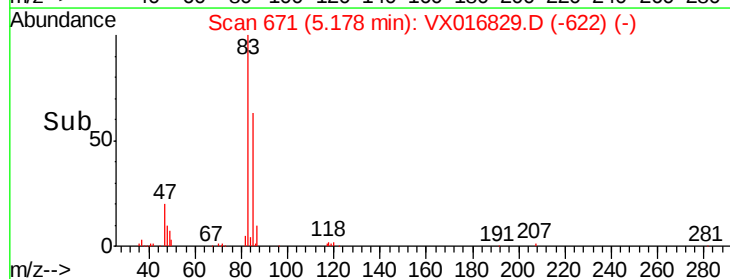
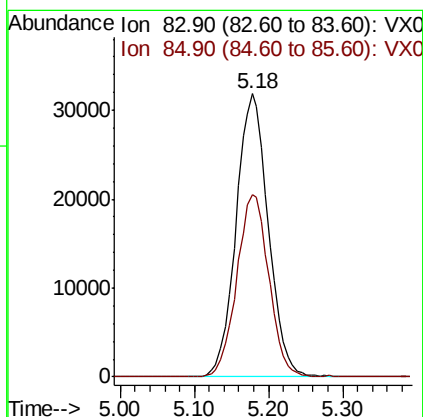
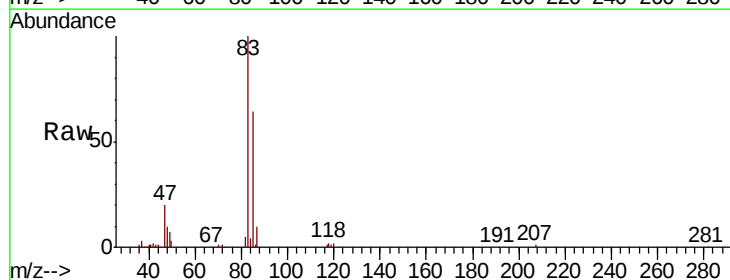
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

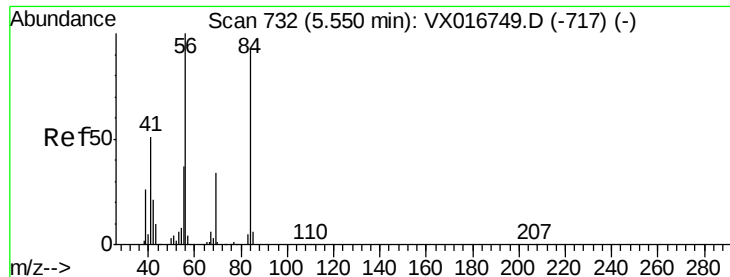
Tot Ion: 42 Resp: 126718
Ion Ratio Lower Upper
42 100
72 51.4 41.0 61.6
71 46.9 38.2 57.4



#30
Chloroform
Concen: 19.167 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion: 83 Resp: 96418
Ion Ratio Lower Upper
83 100
85 64.3 50.8 76.2

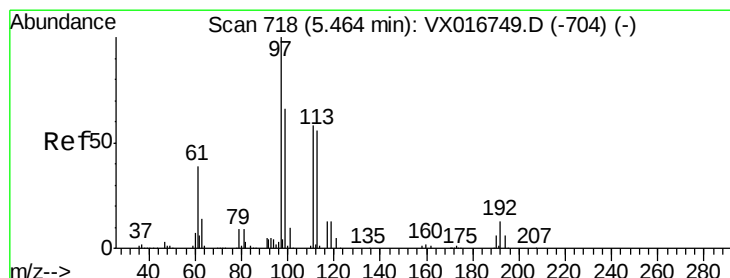
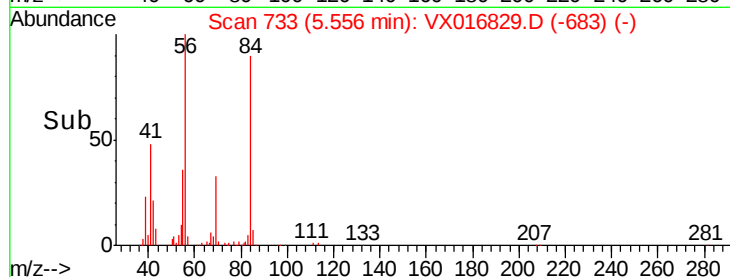
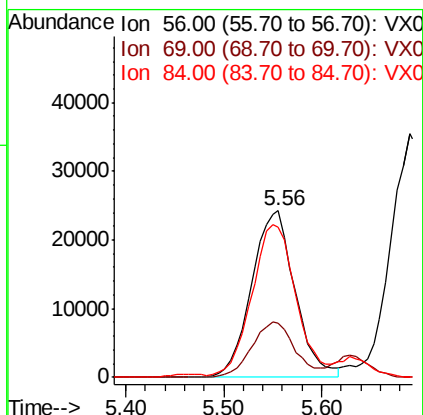
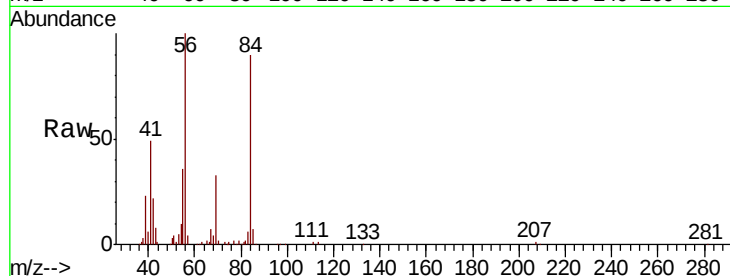




#31
Cyclohexane
Concen: 20.068 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

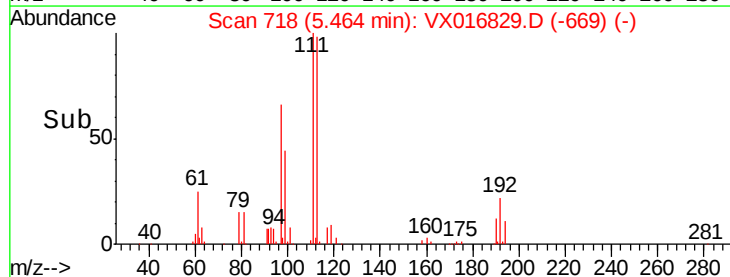
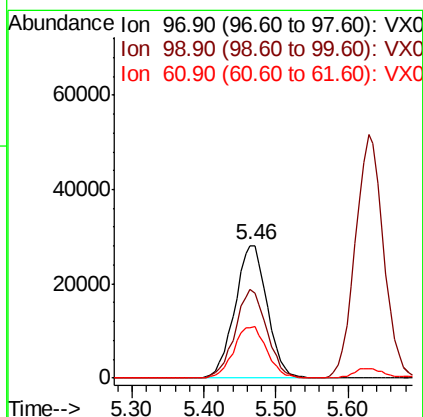
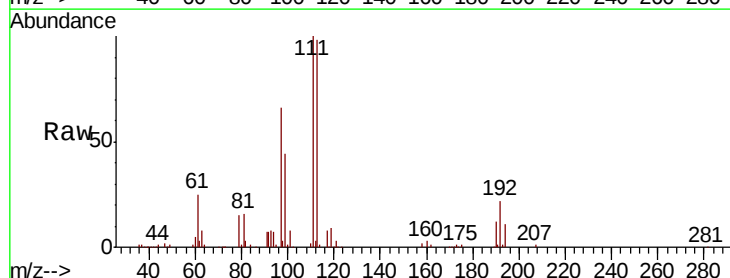
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

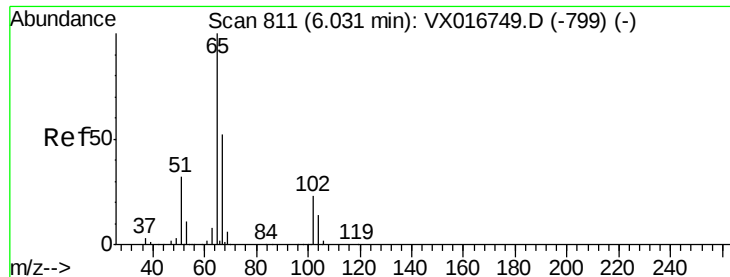
Tot Ion: 56 Resp: 75218
Ion Ratio Lower Upper
56 100
69 32.6 27.1 40.7
84 88.3 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 19.176 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion: 97 Resp: 87531
Ion Ratio Lower Upper
97 100
99 65.4 51.5 77.3
61 40.0 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.956 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

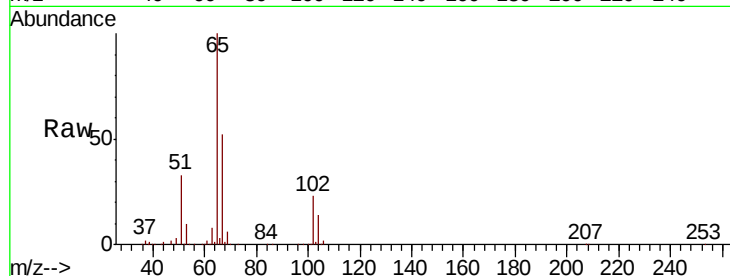
VX0617WBS05

Tot Ion: 65 Resp: 145784

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

50000

40000

30000

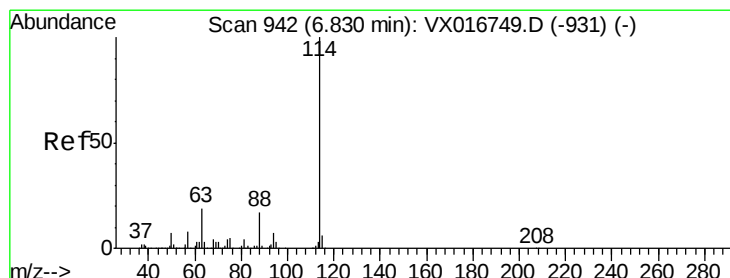
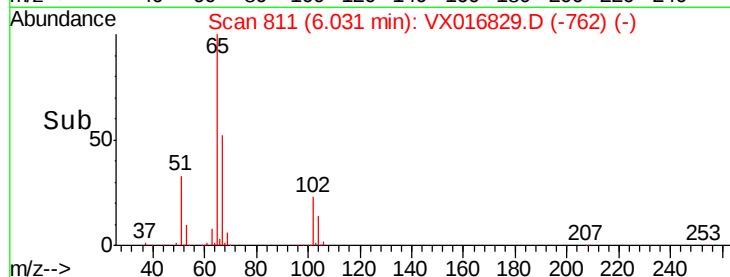
20000

10000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

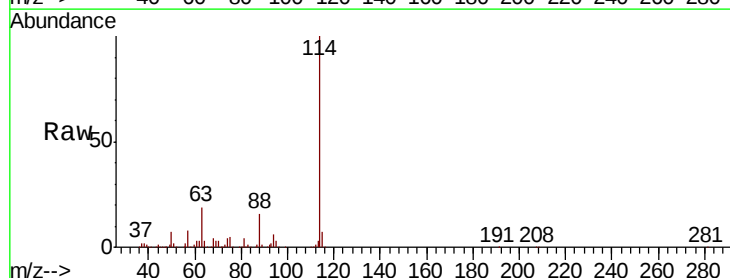
Tgt Ion: 114 Resp: 428083

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 16.3 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

200000

150000

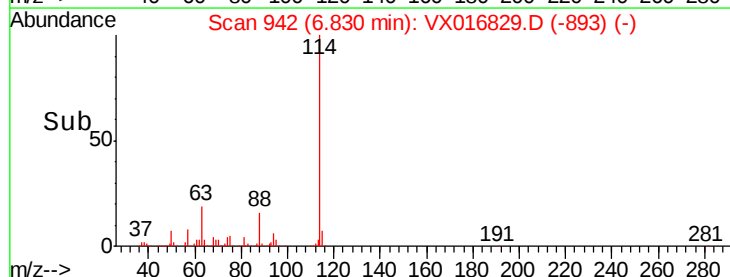
100000

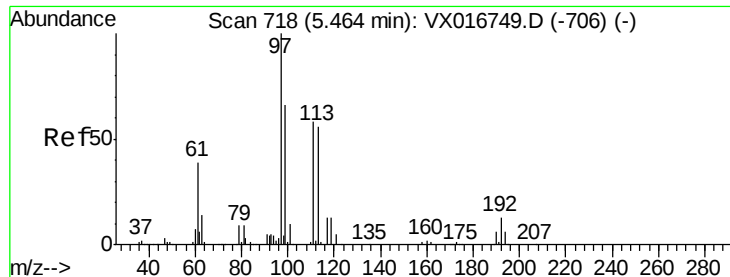
50000

0

Time-->

6.70 6.80 6.90

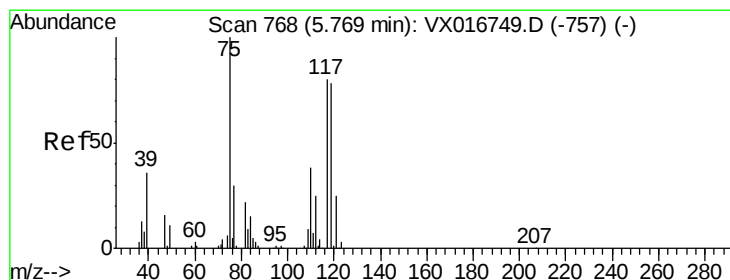
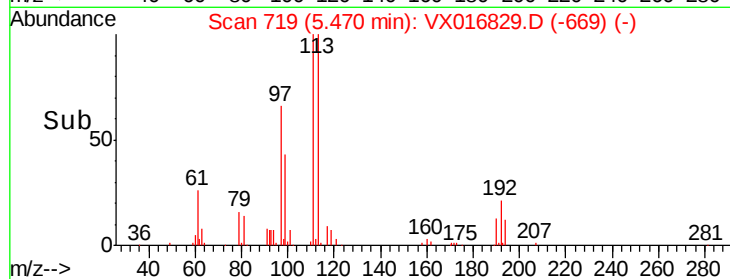
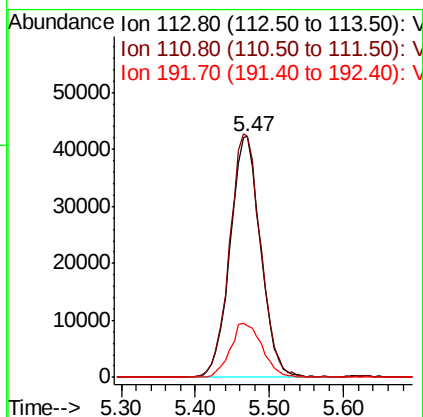
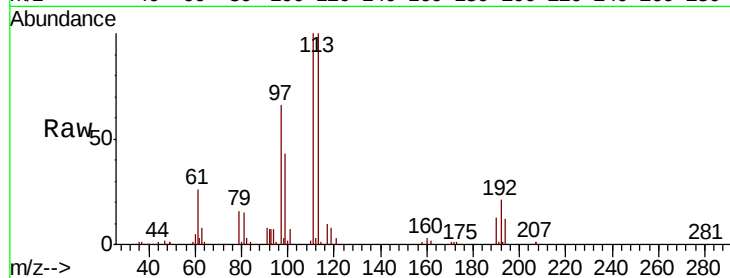




#35
 Dibromofluoromethane
 Concen: 45.875 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

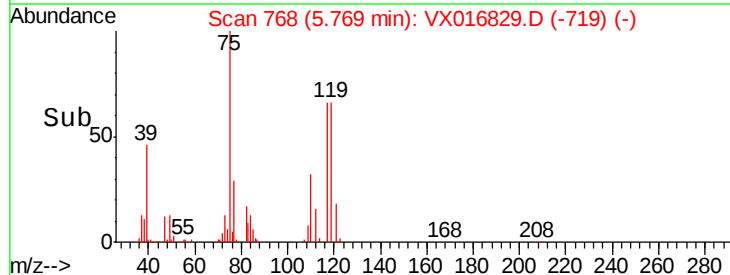
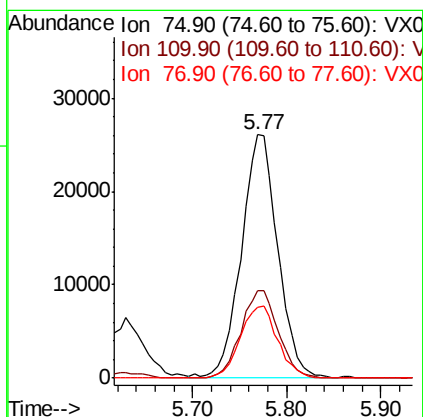
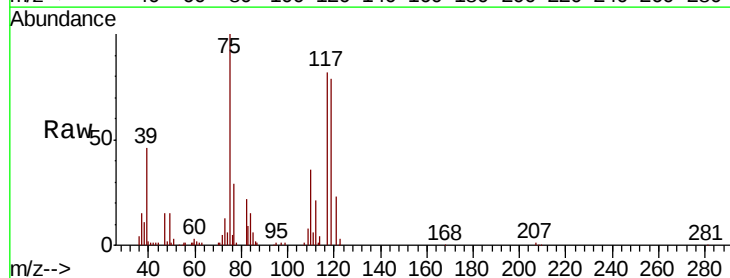
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

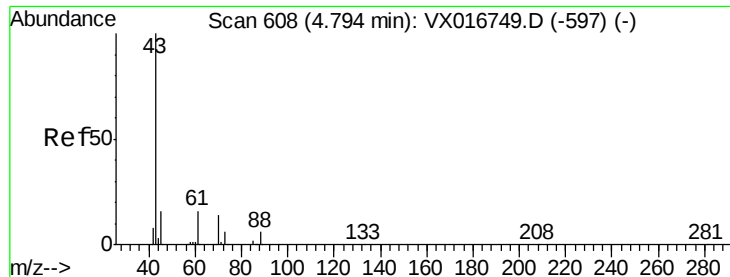
Tot Ion:113 Resp: 121164
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.6
 192 23.5 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 18.452 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion: 75 Resp: 69806
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.4 55.2
 77 30.9 24.7 37.1

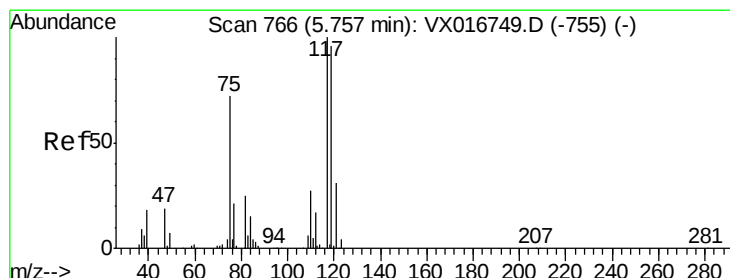
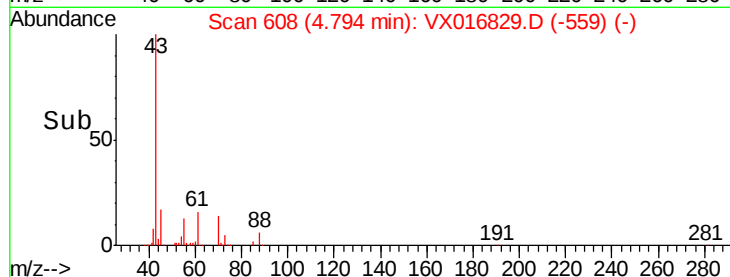
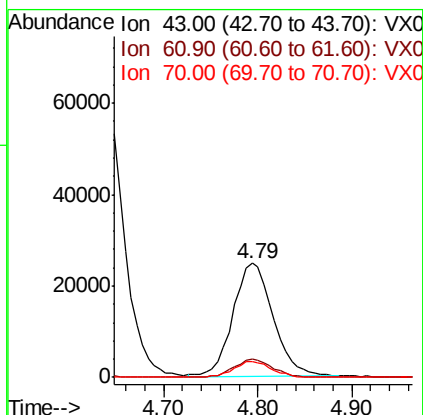
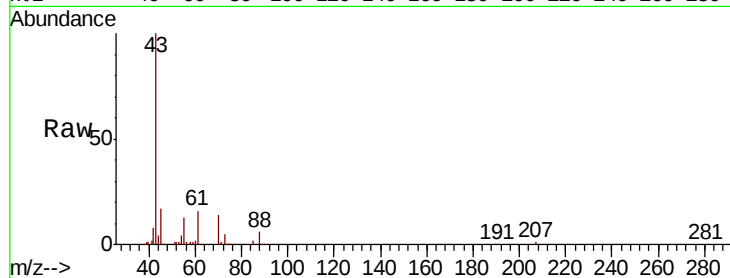




#37
Ethyl Acetate
Concen: 17.846 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

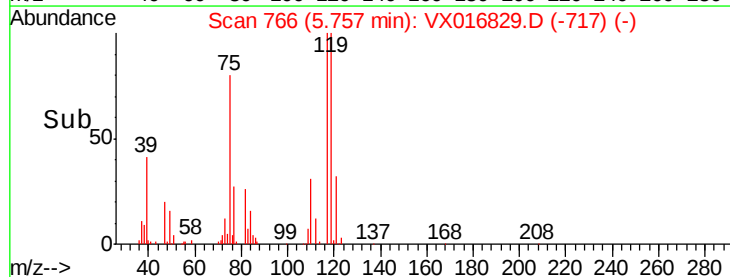
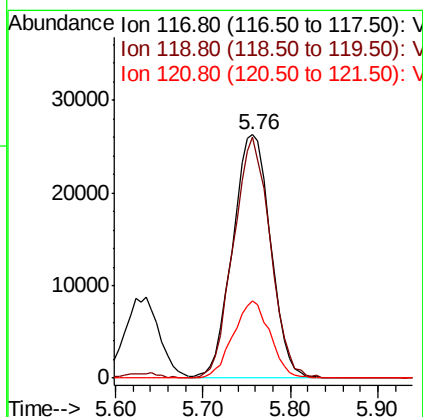
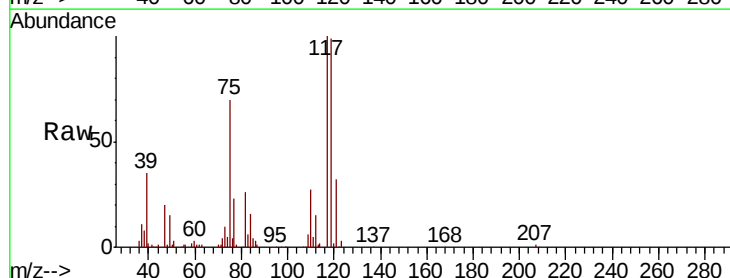
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

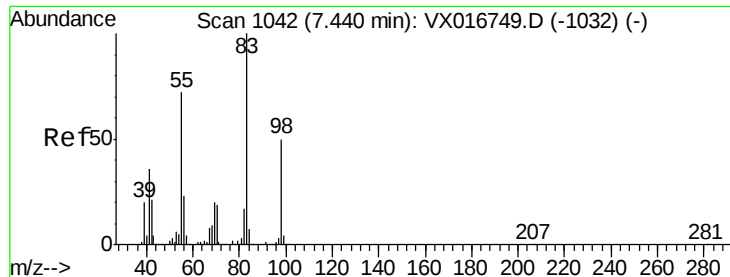
Tot Ion: 43 Resp: 73934
Ion Ratio Lower Upper
43 100
61 15.9 12.4 18.6
70 13.5 10.8 16.2



#38
Carbon Tetrachloride
Concen: 18.550 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion: 117 Resp: 79697
Ion Ratio Lower Upper
117 100
119 99.0 76.7 115.1
121 31.9 24.7 37.1

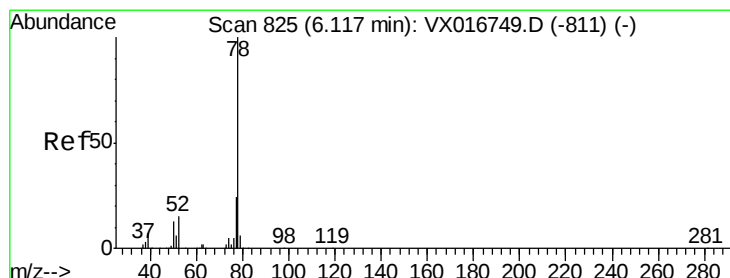
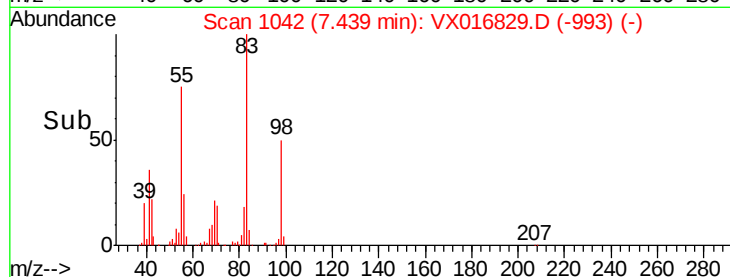
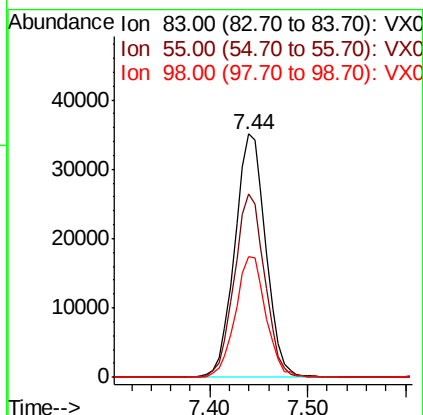
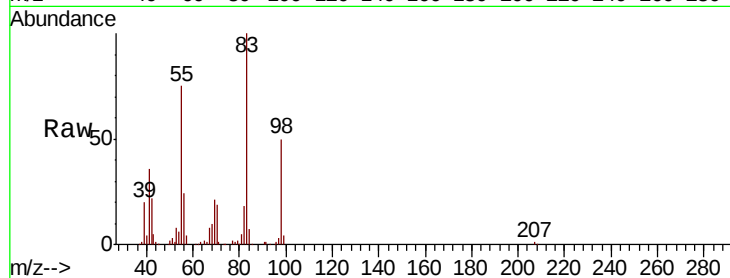




#39
Methvlcvclohexane
Concen: 18.154 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

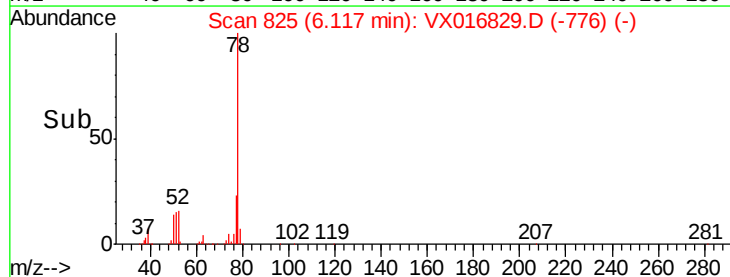
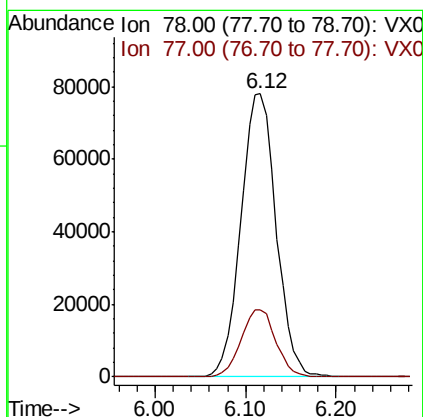
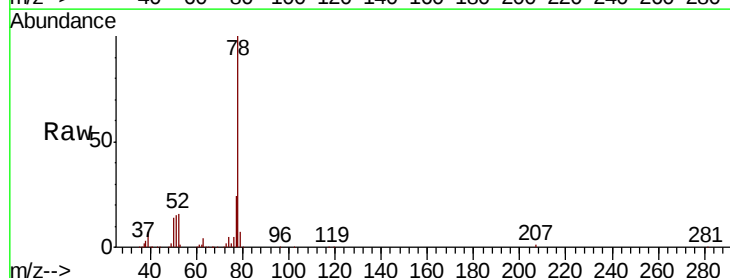
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

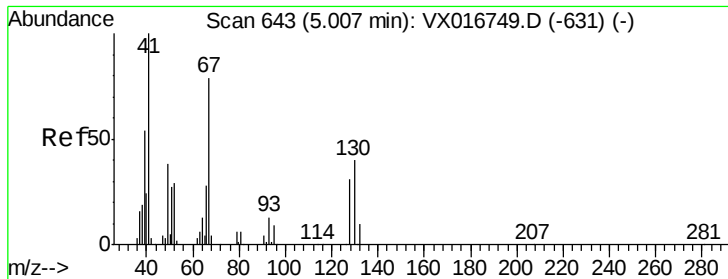
Tot Ion: 83 Resp: 76923
Ion Ratio Lower Upper
83 100
55 75.1 57.3 85.9
98 49.8 40.3 60.5



#40
Benzene
Concen: 18.263 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion: 78 Resp: 210357
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

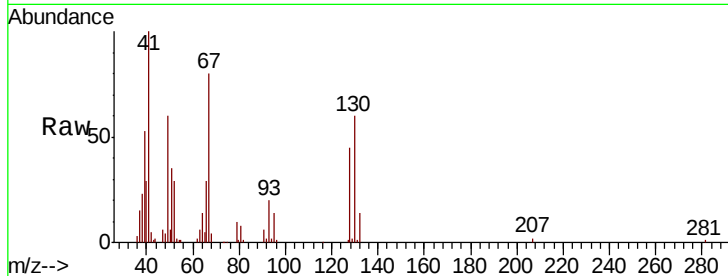




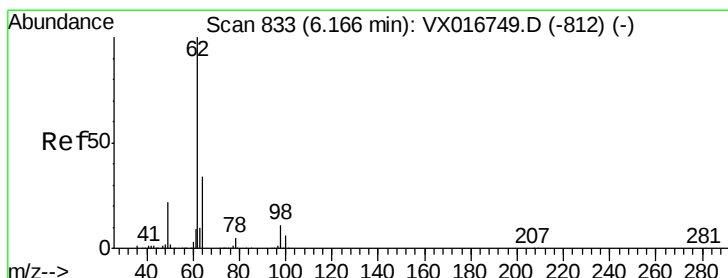
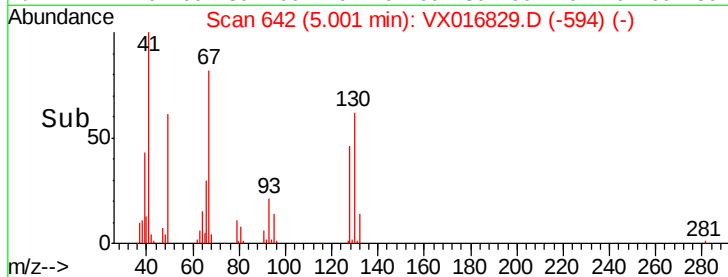
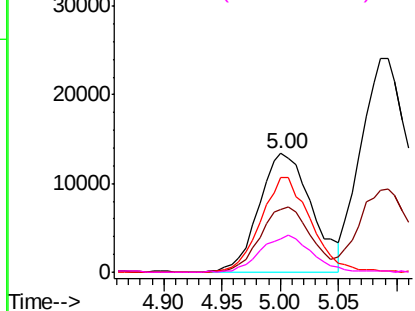
#41
Methacrylonitrile
Concen: 18.861 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion:	41	Resp:	41665
Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.7	65.5
67	76.7	64.6	96.8
52	30.6	25.6	38.4

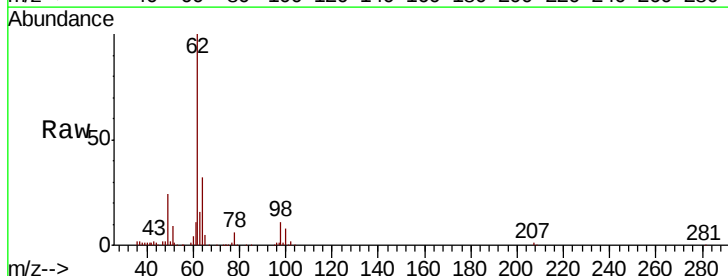


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

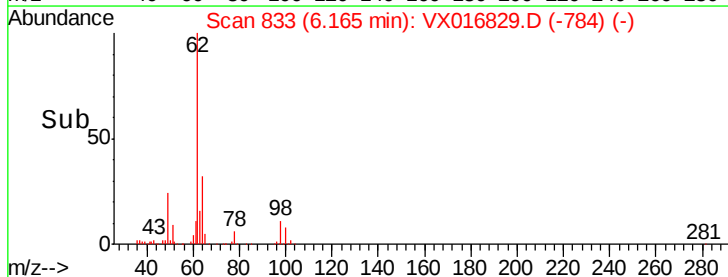
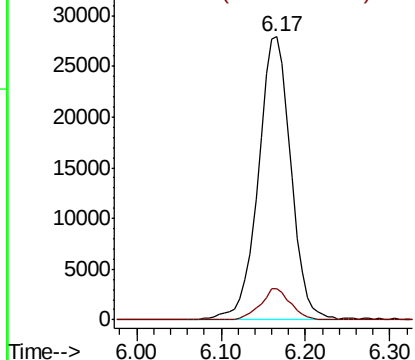


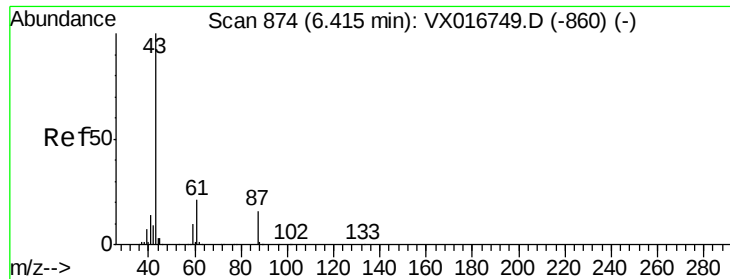
#42
1,2-Dichloroethane
Concen: 17.698 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion:	62	Resp:	74400
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



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



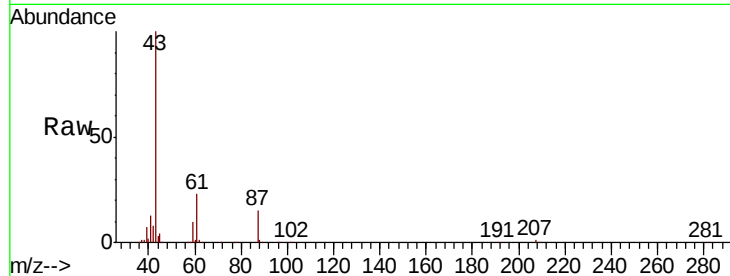


#43

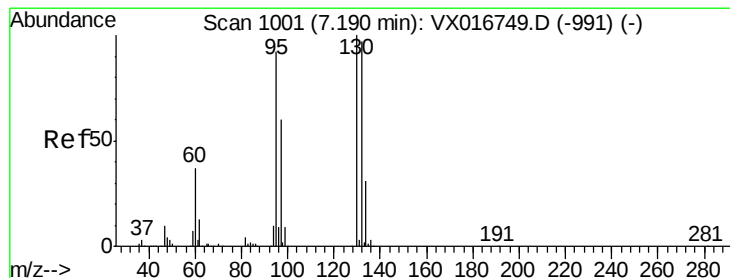
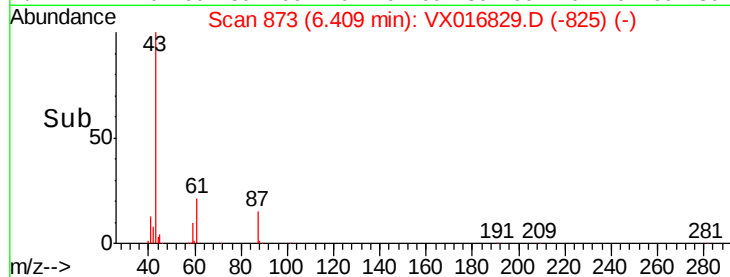
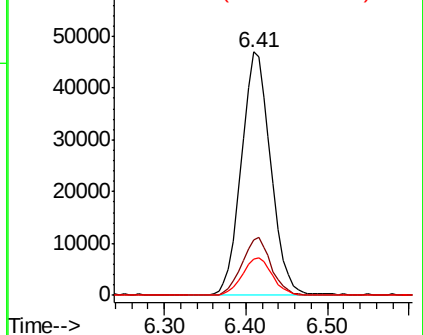
Isopropyl Acetate
 Concen: 18.044 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

Tot Ion: 43 Resp: 117160
 Ion Ratio Lower Upper
 43 100
 61 23.4 17.7 26.5
 87 15.8 12.5 18.7



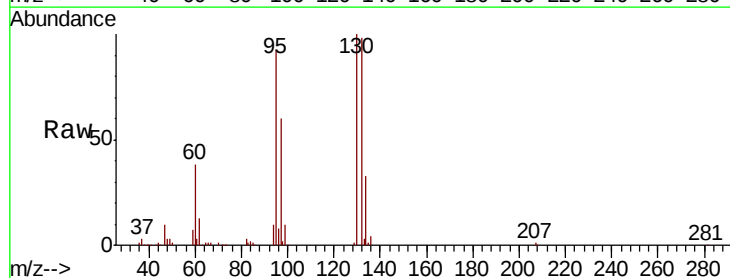
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



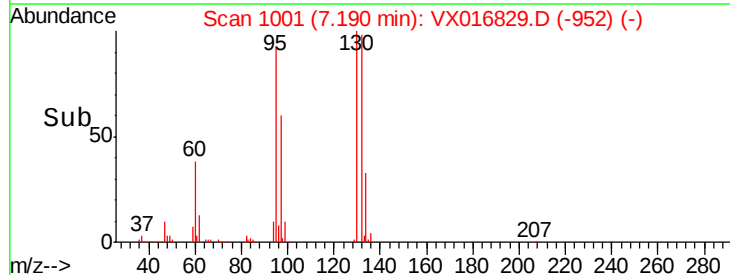
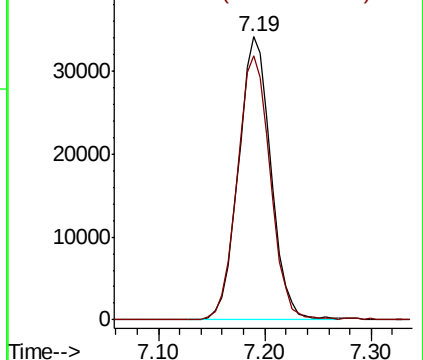
#44

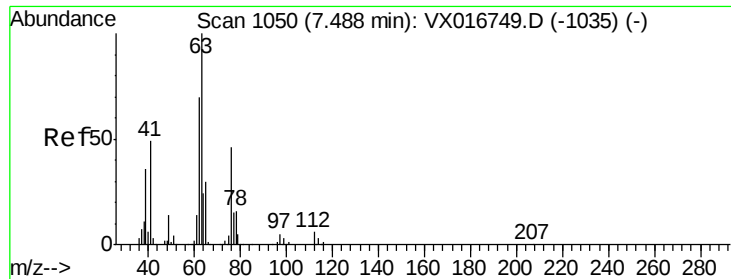
Trichloroethene
 Concen: 20.504 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion: 130 Resp: 73052
 Ion Ratio Lower Upper
 130 100
 95 93.1 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: 18.703 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

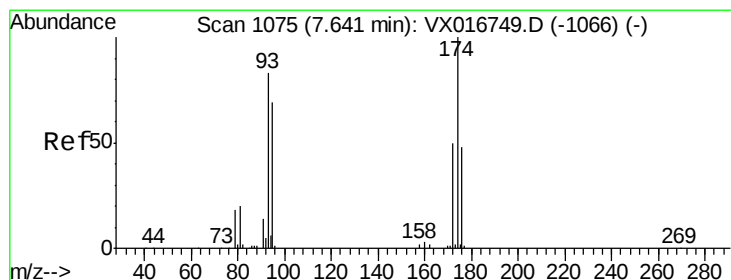
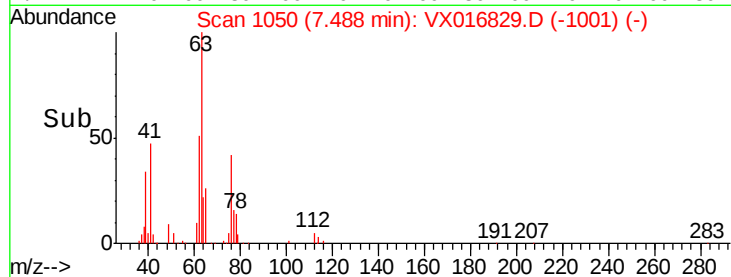
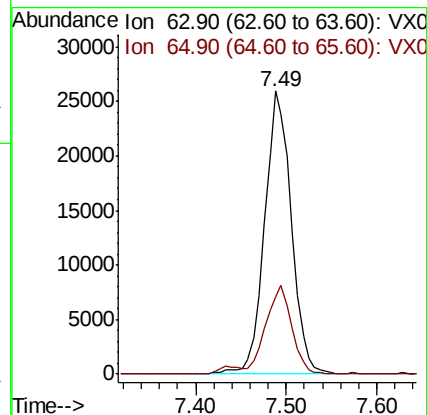
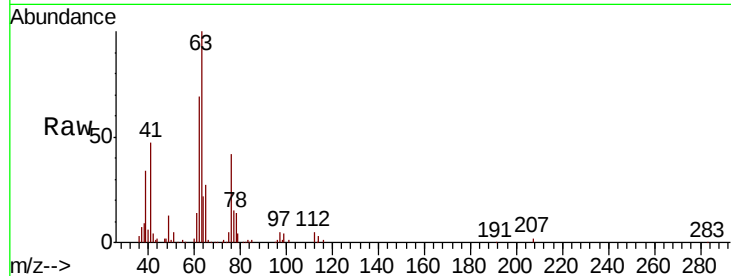
VX0617WBS05

Tot Ion: 63 Resp: 52810

Ion Ratio Lower Upper

63 100

65 27.5 24.2 36.2



#46

Dibromomethane

Concen: 17.880 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

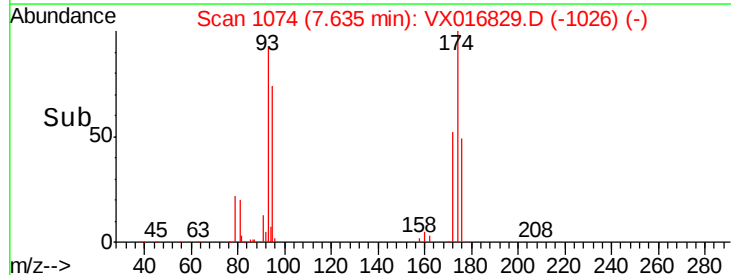
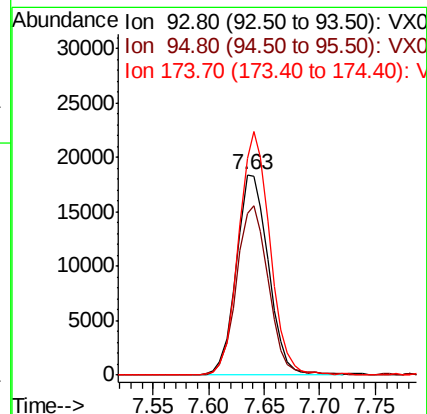
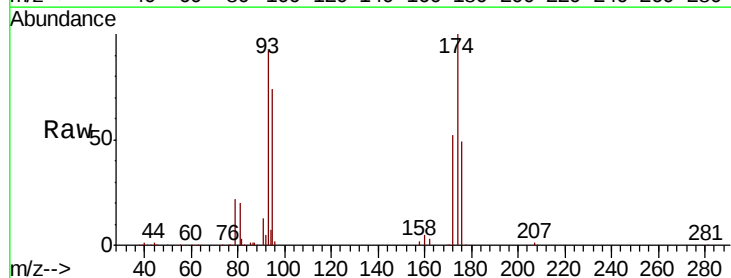
Tgt Ion: 93 Resp: 36795

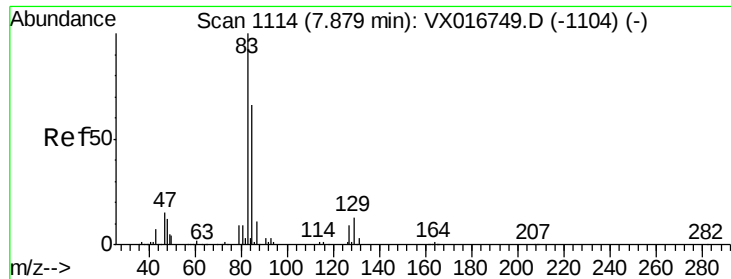
Ion Ratio Lower Upper

93 100

95 84.2 66.9 100.3

174 117.7 93.8 140.8





#47

Bromodichloromethane

Concen: 17.864 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

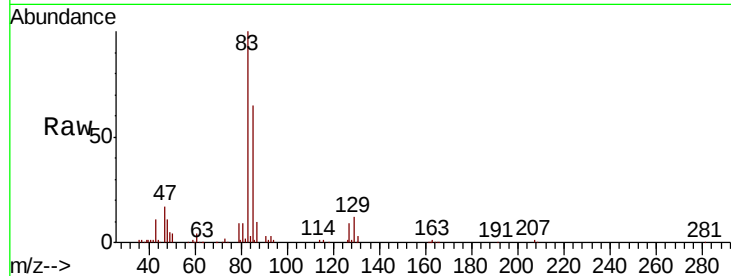
Tot Ion: 83 Resp: 76642

Ion Ratio Lower Upper

83 100

85 65.4 52.5 78.7

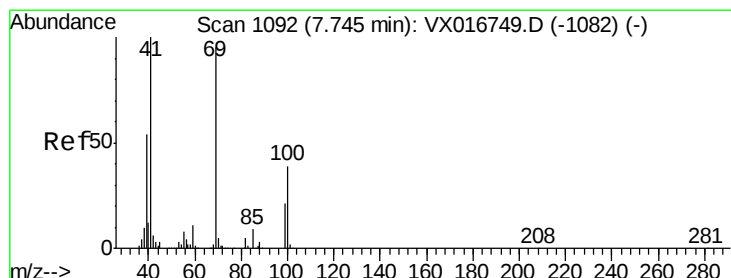
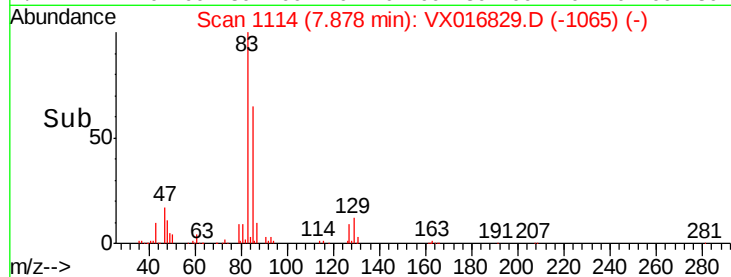
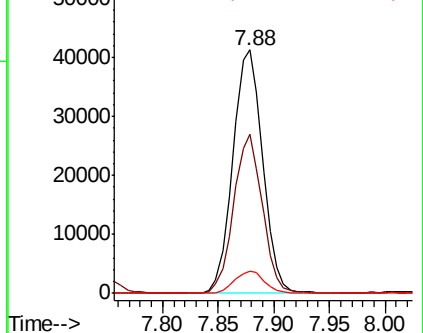
127 9.1 7.5 11.3



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: 18.132 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

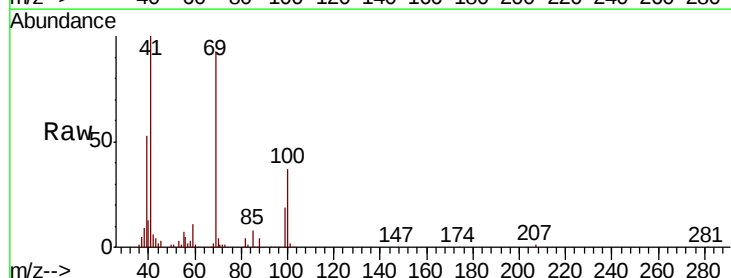
Tgt Ion: 41 Resp: 55802

Ion Ratio Lower Upper

41 100

69 94.8 75.0 112.6

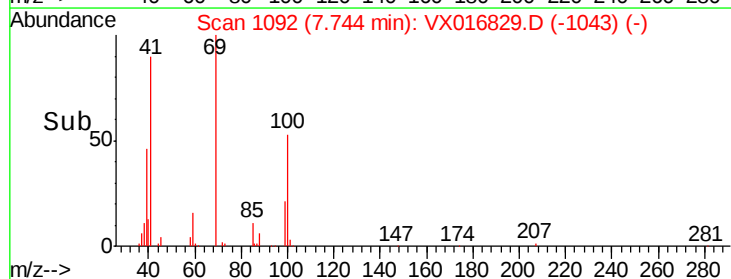
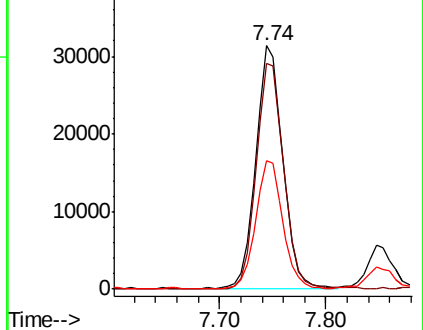
39 53.2 44.3 66.5

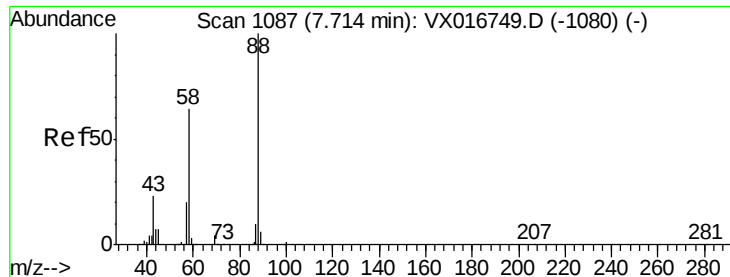


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

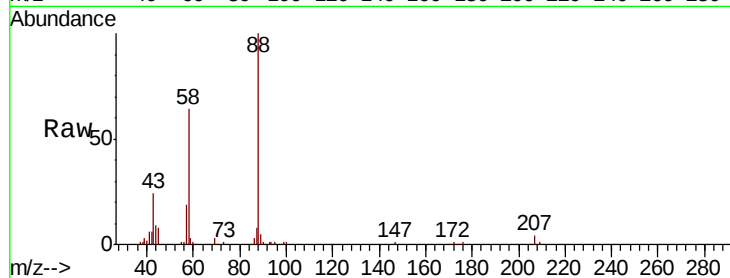




#49
1,4-Dioxane
Concen: 320.027 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion	88	Resp	24373
Ion	Ratio	Lower	Upper
88	100		
43	31.2	22.9	34.3
58	68.5	53.7	80.5

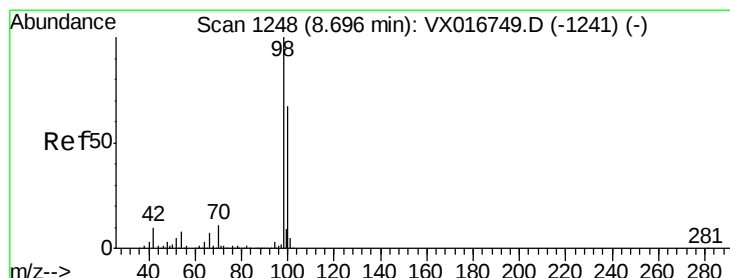
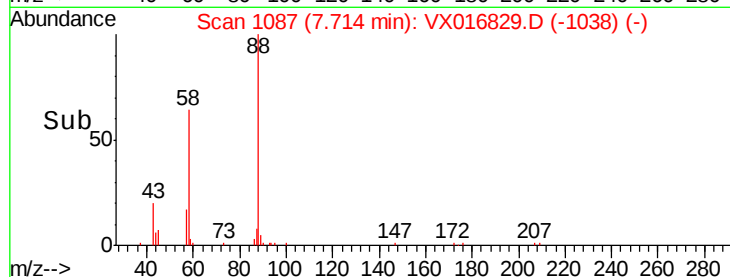
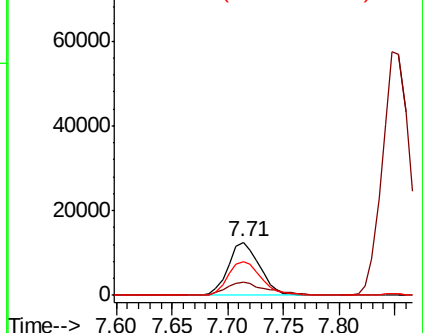


Abundance

Ion 88.00 (87.70 to 88.70): VX0

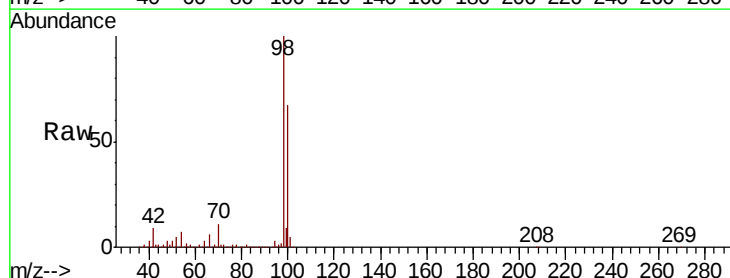
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.828 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

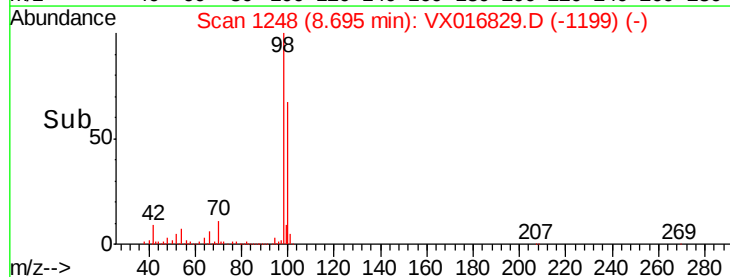
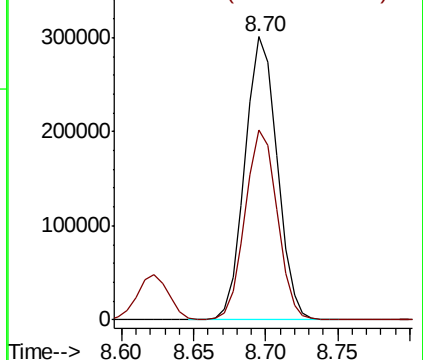
Tgt Ion	98	Resp	465786
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.9	80.9

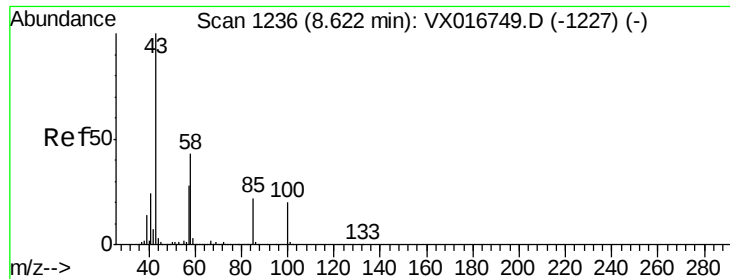


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 94.515 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

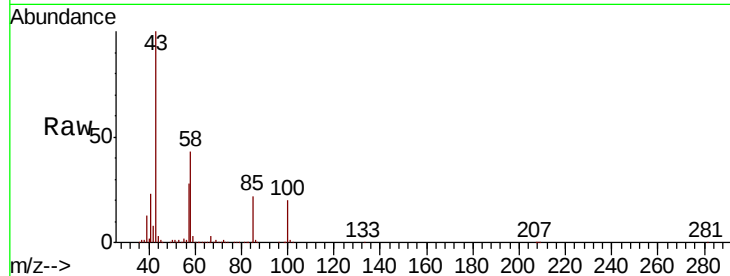
VX0617WBS05

Tot Ion: 43 Resp: 378167

Ion Ratio Lower Upper

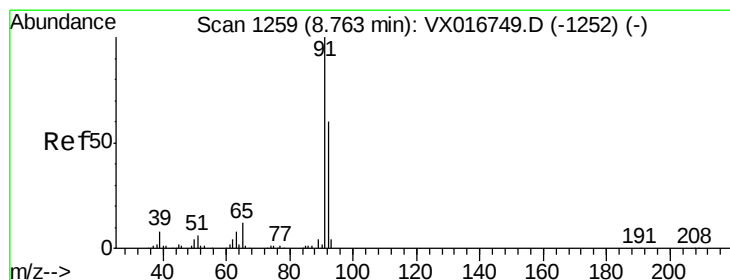
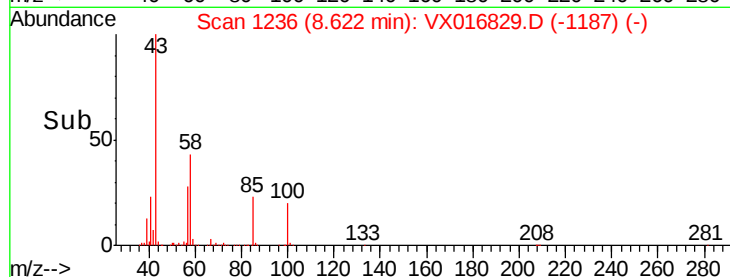
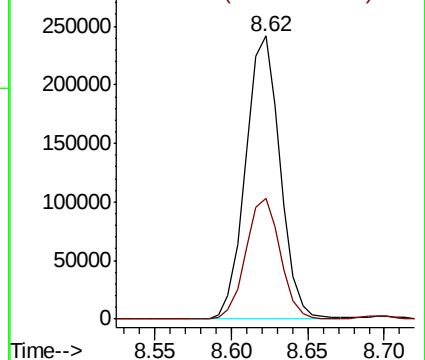
43 100

58 42.8 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.411 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016829.D

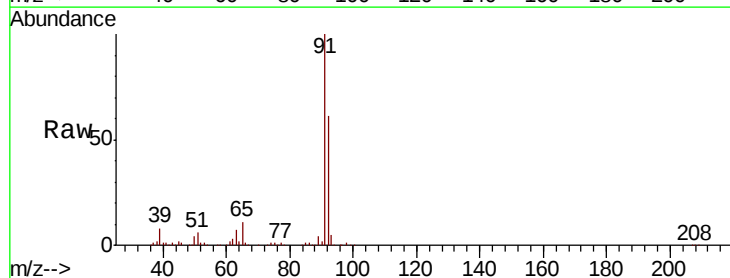
Acq: 17 Jun 2020 19:59

Tgt Ion: 92 Resp: 137743

Ion Ratio Lower Upper

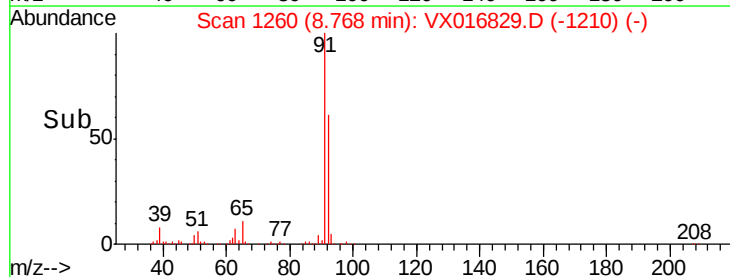
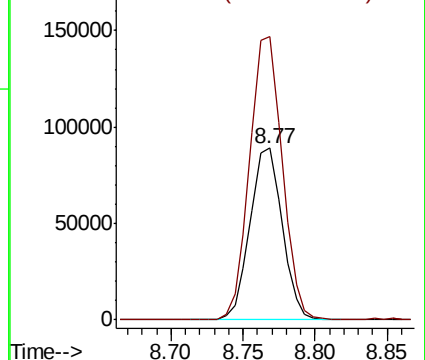
92 100

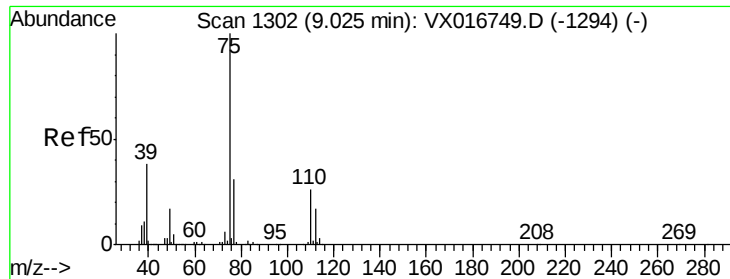
91 167.3 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.477 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

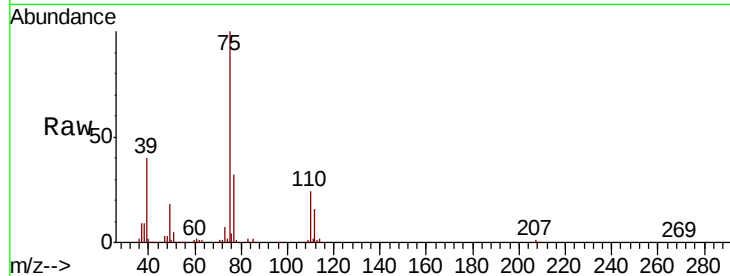
VX0617WBS05

Tot Ion: 75 Resp: 99226

Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

80000

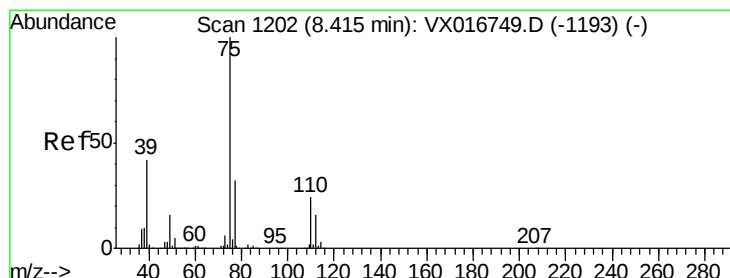
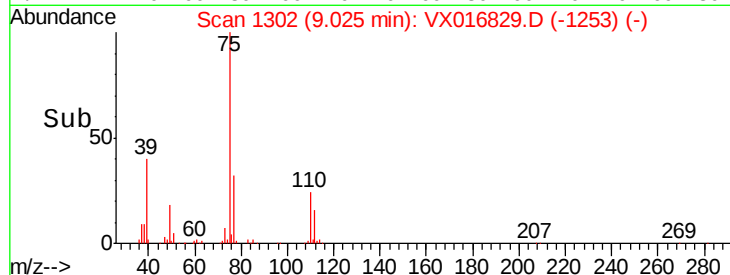
60000

40000

20000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 17.721 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

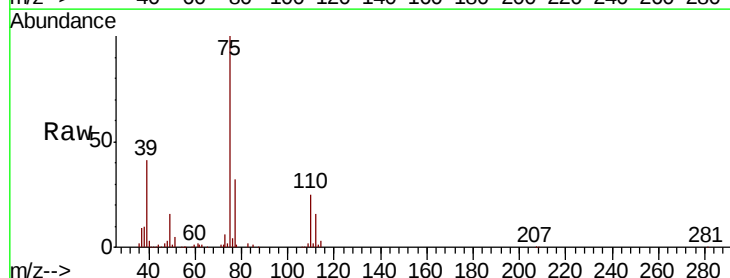
Tgt Ion: 75 Resp: 89576

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 40.4 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

8.41

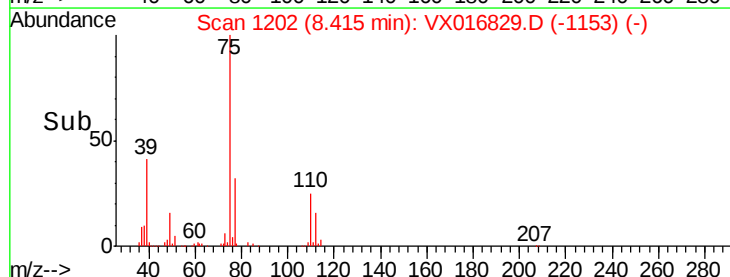
60000

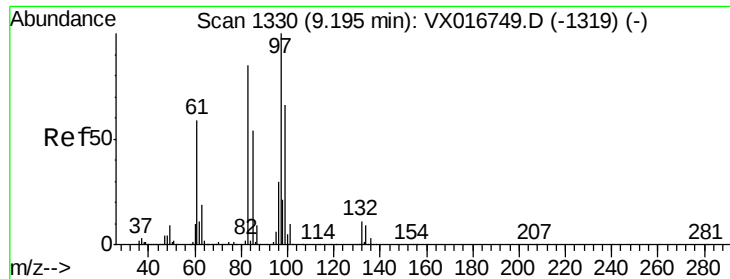
40000

20000

0

Time--> 8.35 8.40 8.45 8.50





#55

1,1,2-Trichloroethane

Concen: 20.598 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

Tot Ion: 97 Resp: 61977

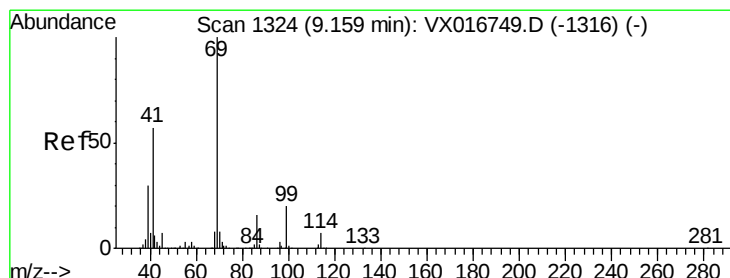
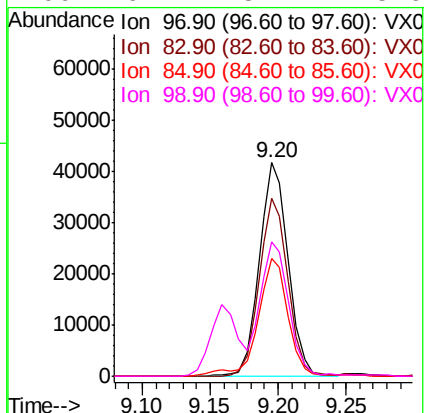
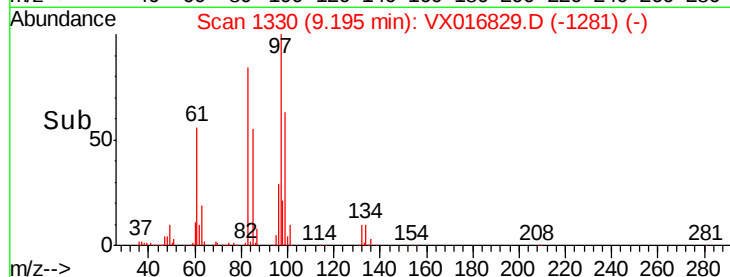
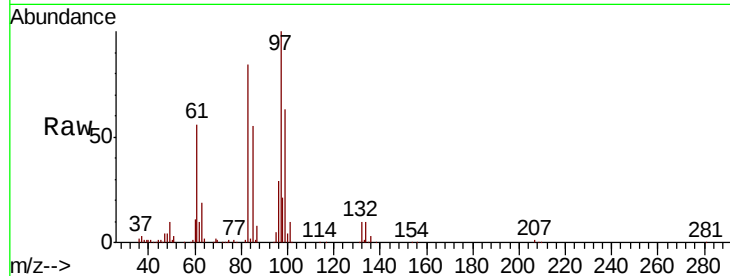
Ion Ratio Lower Upper

97 100

83 83.6 68.3 102.5

85 55.3 43.5 65.3

99 62.7 52.4 78.6



#56

Ethyl methacrylate

Concen: 21.394 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

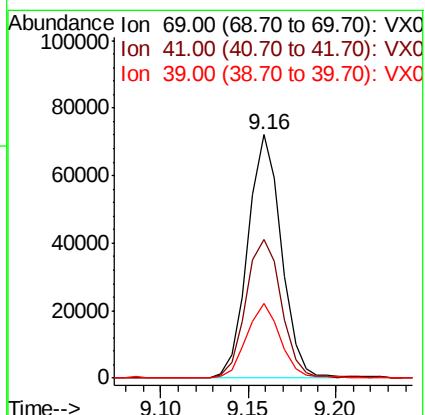
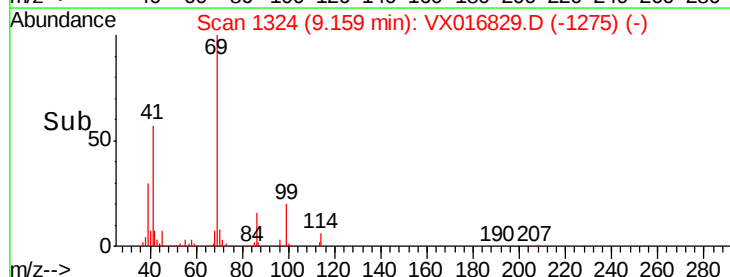
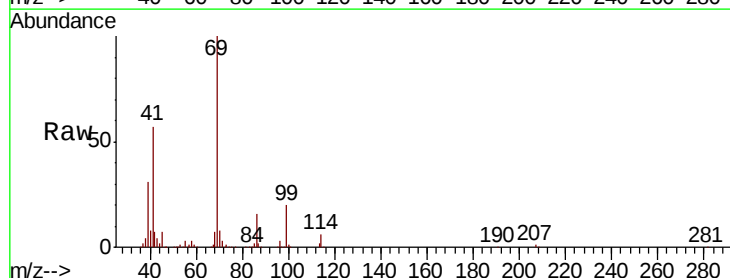
Tgt Ion: 69 Resp: 96379

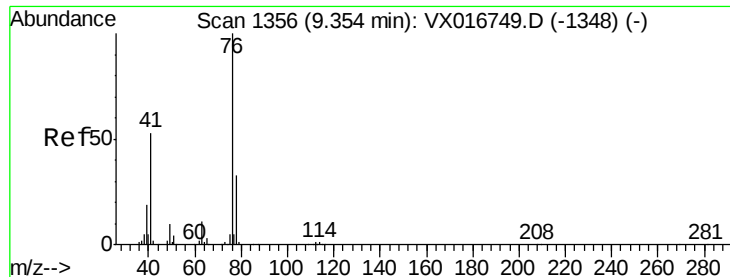
Ion Ratio Lower Upper

69 100

41 60.0 47.1 70.7

39 30.8 25.0 37.6





#57

1,3-Dichloropropane

Concen: 20.936 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

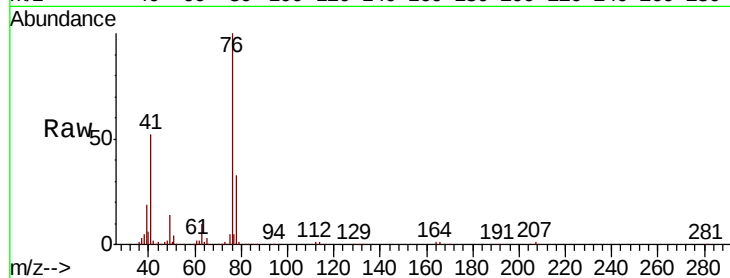
VX0617WBS05

Tot Ion: 76 Resp: 105892

Ion Ratio Lower Upper

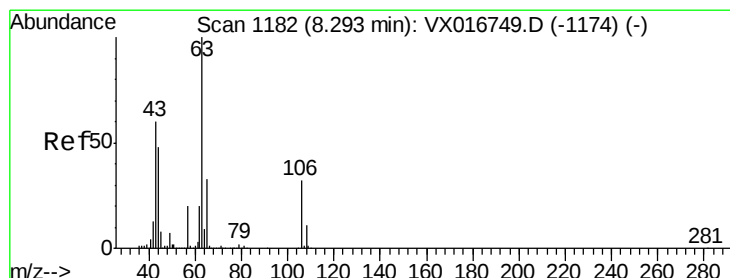
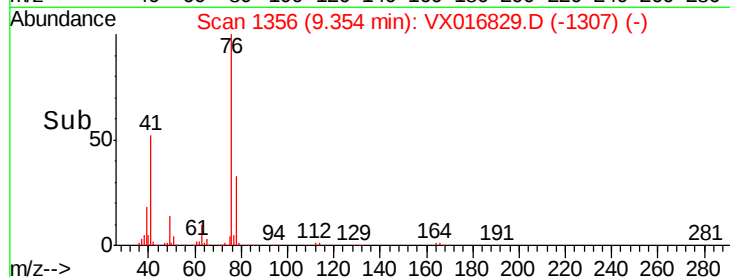
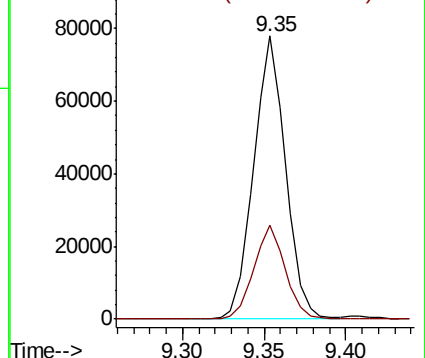
76 100

78 32.8 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.892 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016829.D

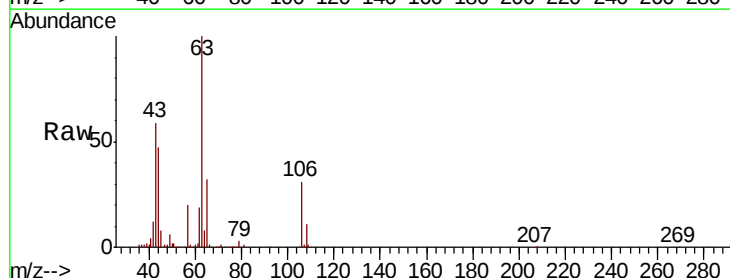
Acq: 17 Jun 2020 19:59

Tgt Ion: 63 Resp: 207972

Ion Ratio Lower Upper

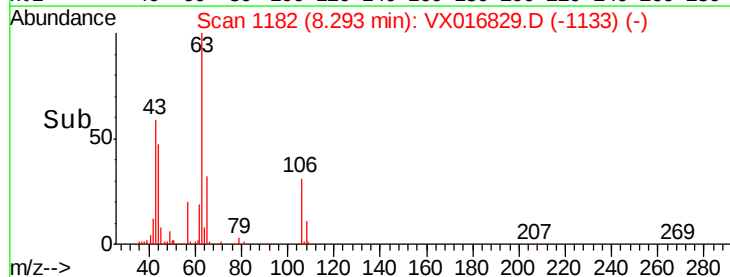
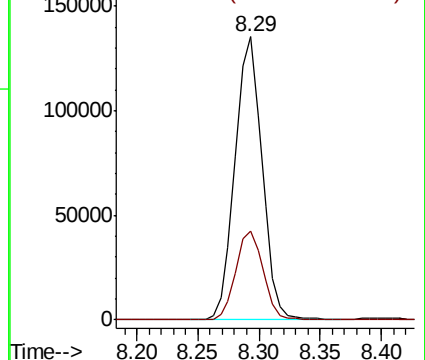
63 100

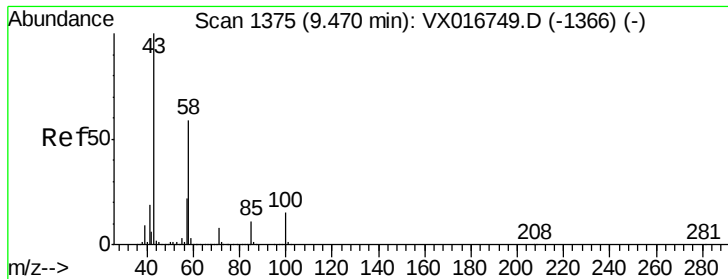
106 31.7 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

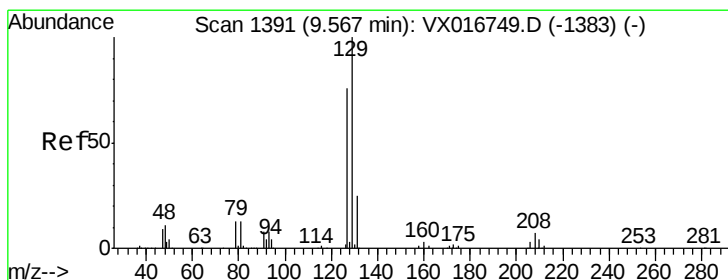
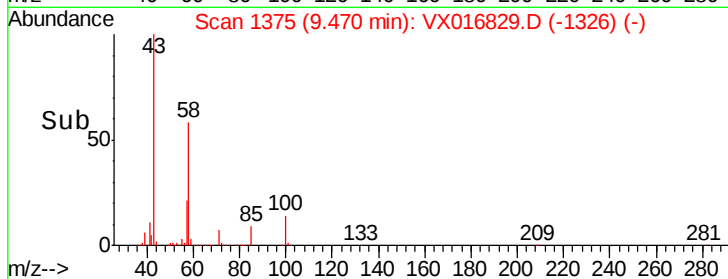
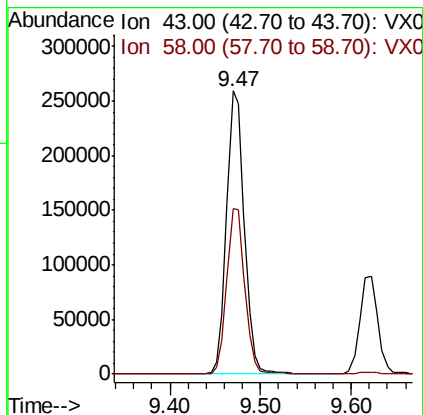
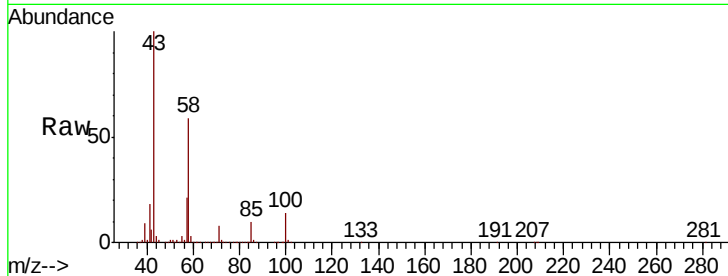




#59
2-Hexanone
Concen: 114.680 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

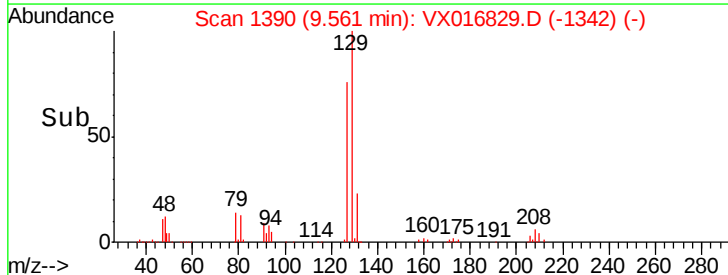
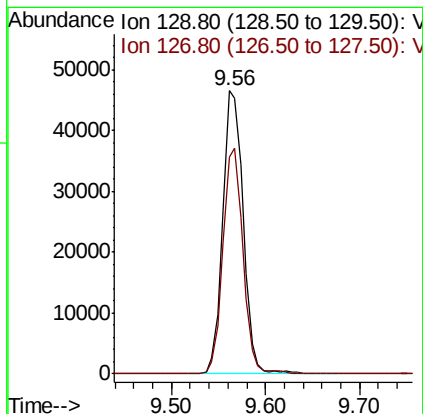
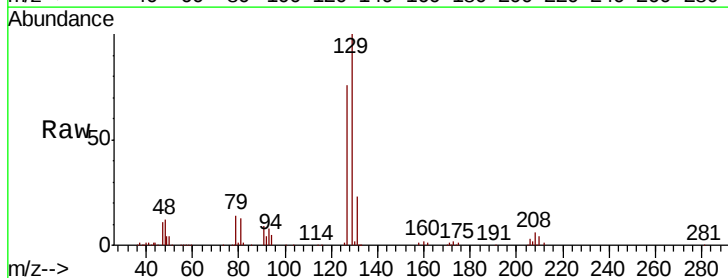
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

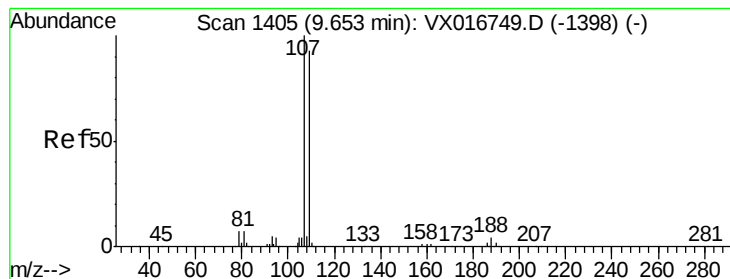
Tot Ion: 43 Resp: 354213
Ion Ratio Lower Upper
43 100
58 59.7 29.9 89.8



#60
Dibromochloromethane
Concen: 19.740 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion: 129 Resp: 70197
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 20.544 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

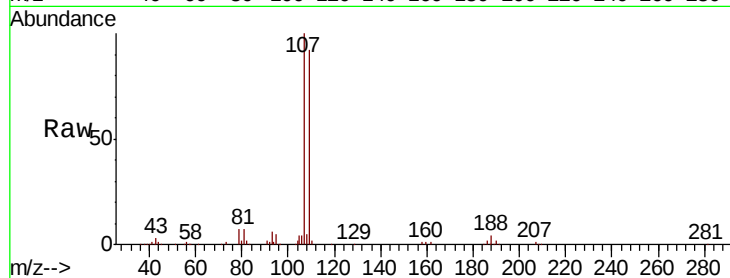
VX0617WBS05

Tot Ion: 107 Resp: 67365

Ion Ratio Lower Upper

107 100

109 94.1 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

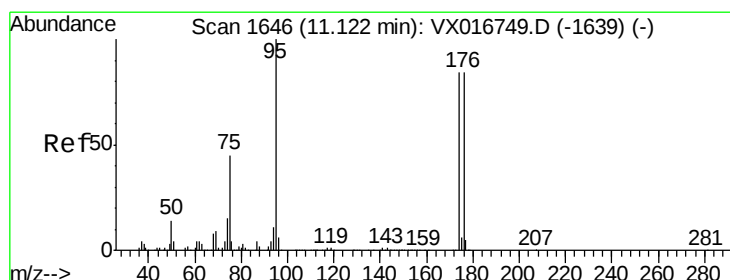
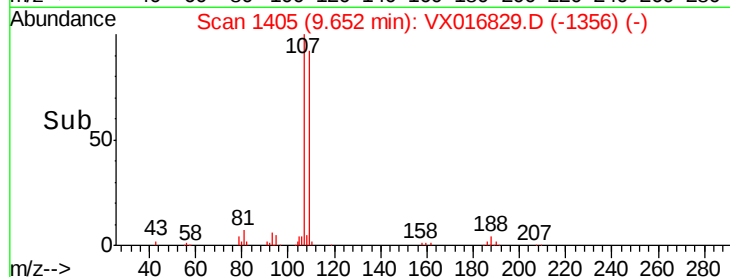
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 46.388 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

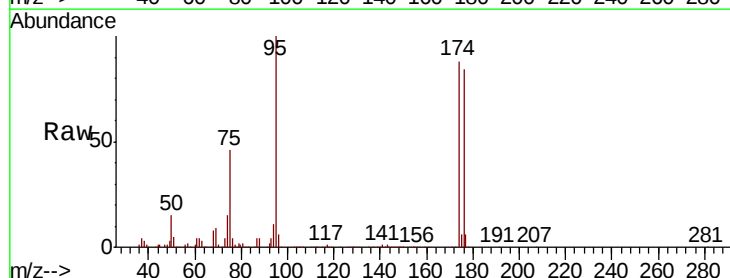
Tgt Ion: 95 Resp: 172801

Ion Ratio Lower Upper

95 100

174 87.1 0.0 171.0

176 85.2 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

11.12

150000

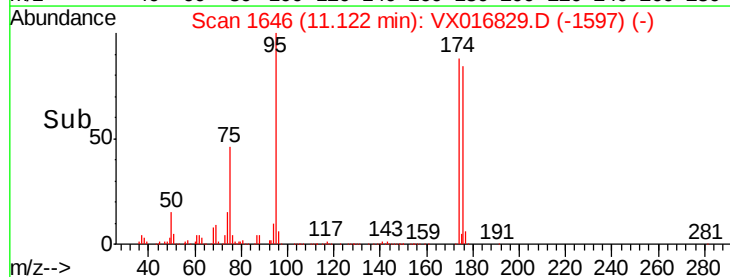
100000

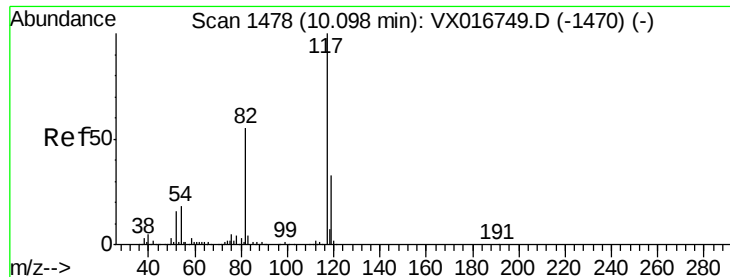
50000

0

Time-->

11.10 11.20

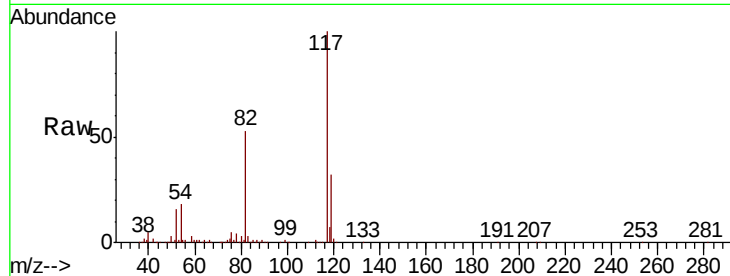




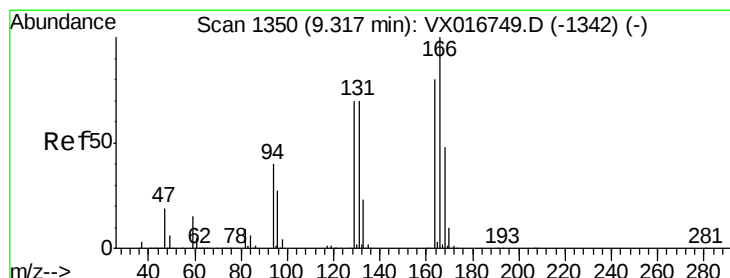
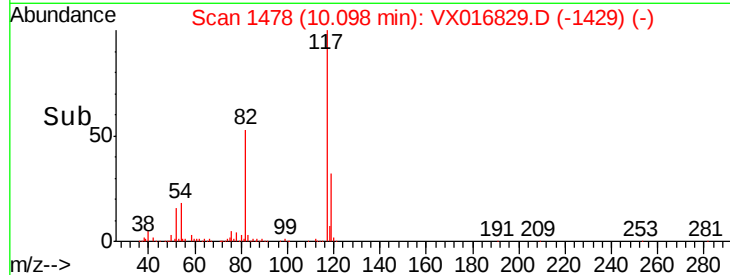
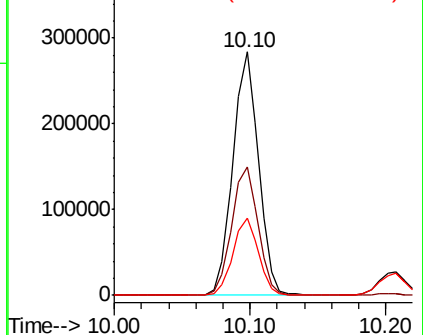
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

Tot Ion:117 Resp: 373114
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.6
119 31.7 26.2 39.4

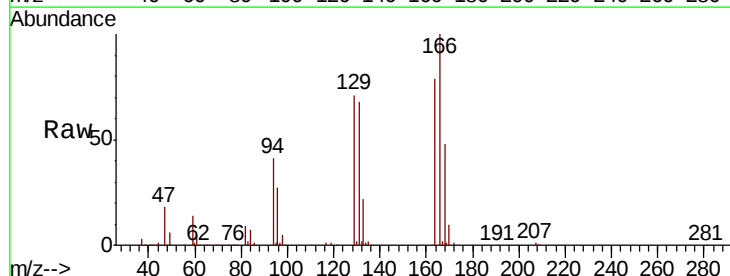


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

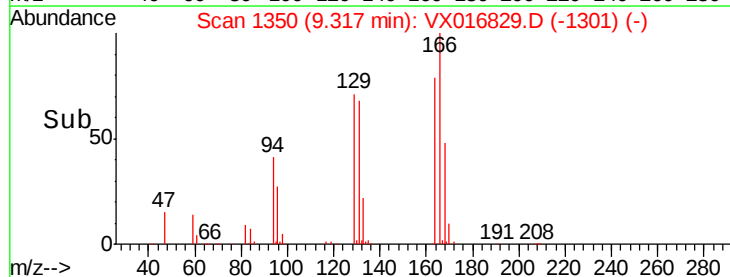
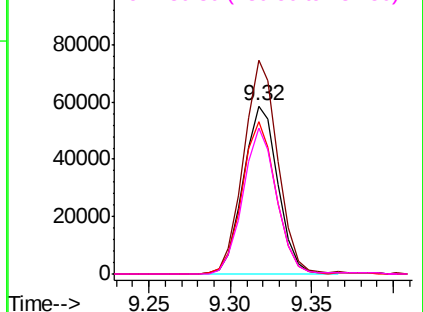


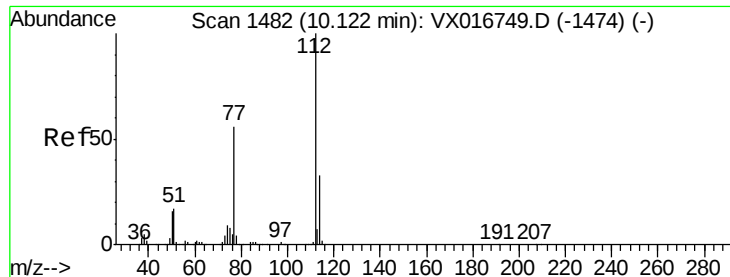
#64
Tetrachloroethene
Concen: 24.190 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion:164 Resp: 86671
Ion Ratio Lower Upper
164 100
166 127.0 100.6 150.8
129 90.3 70.1 105.1
131 86.7 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

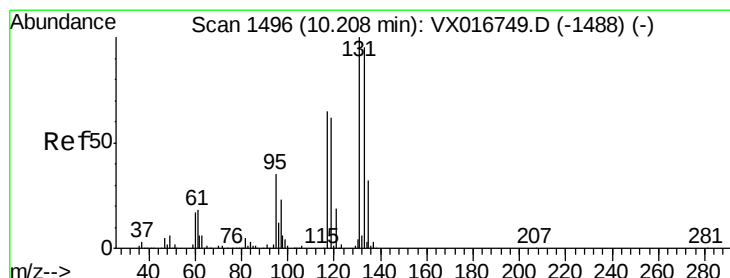
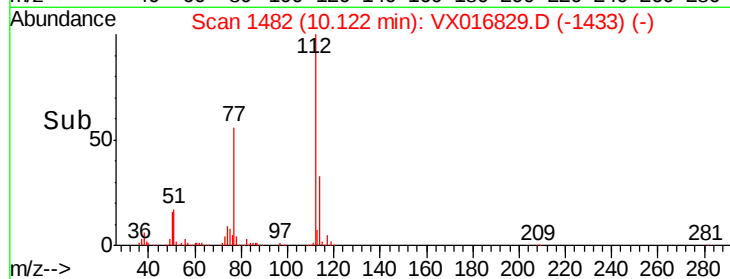
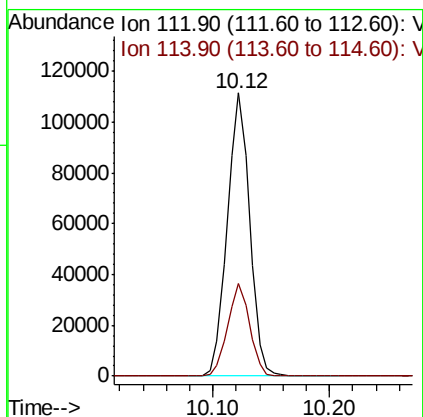
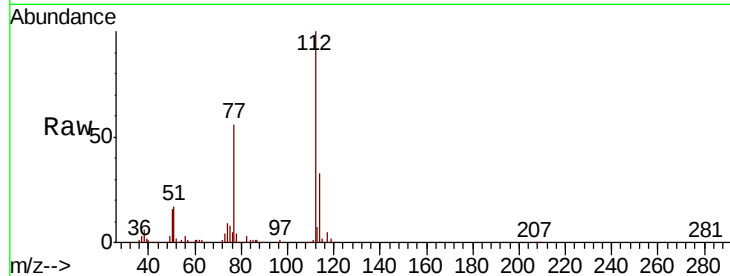




#65
Chlorobenzene
Concen: 19.696 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

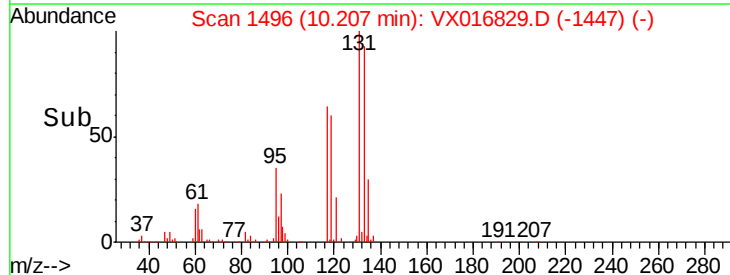
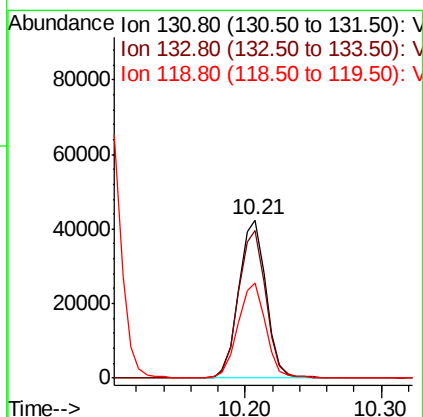
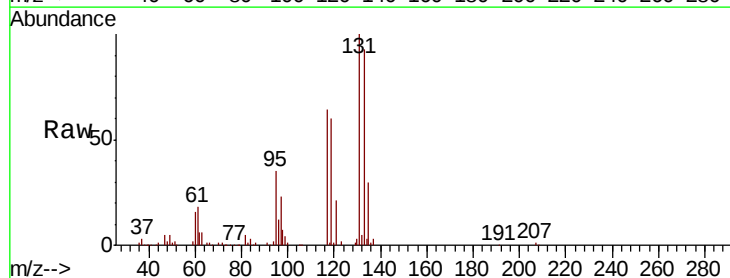
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

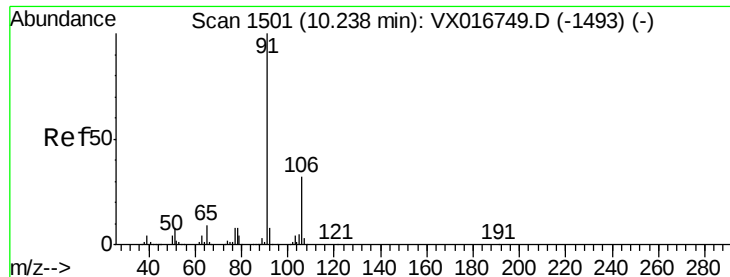
Tot Ion:112 Resp: 149117
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.566 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion:131 Resp: 59095
Ion Ratio Lower Upper
131 100
133 94.7 46.8 140.3
119 60.9 31.4 94.0





#67

Ethyl Benzene

Concen: 19.742 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

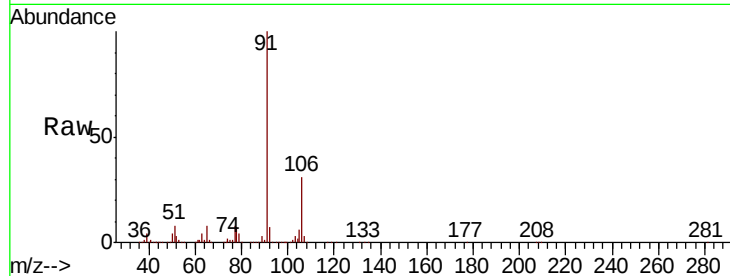
VX0617WBS05

Tot Ion: 91 Resp: 252673

Ion Ratio Lower Upper

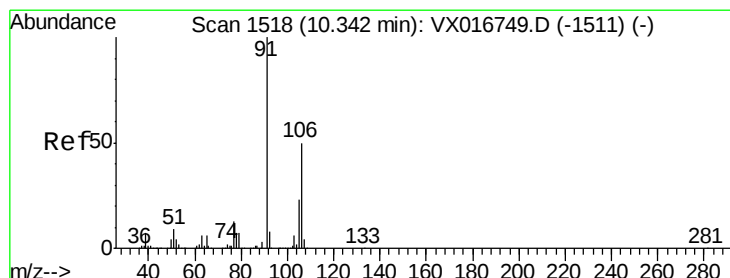
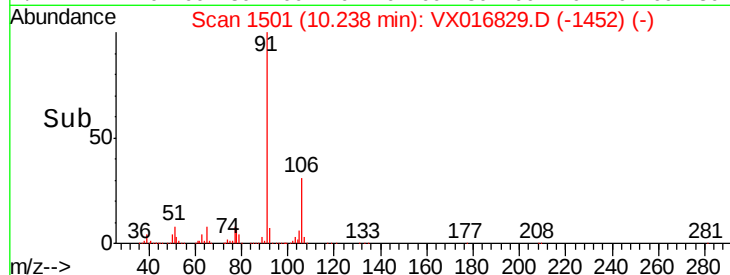
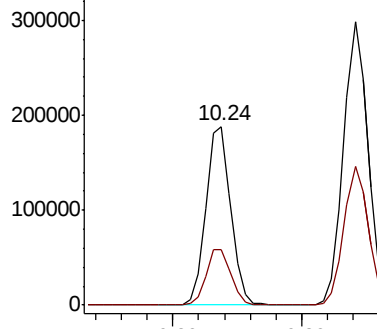
91 100

106 30.9 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.868 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016829.D

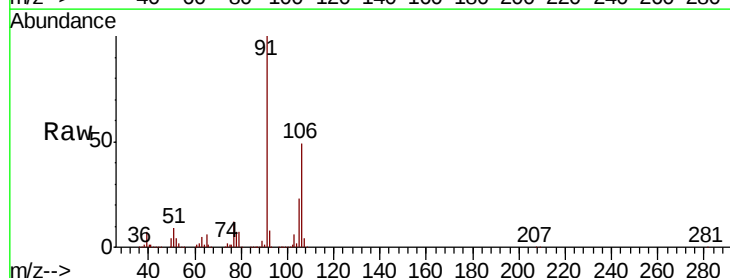
Acq: 17 Jun 2020 19:59

Tgt Ion: 106 Resp: 193469

Ion Ratio Lower Upper

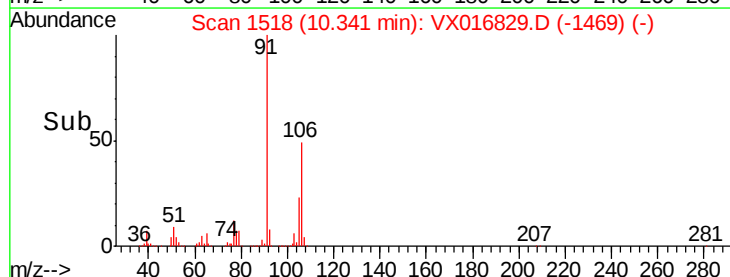
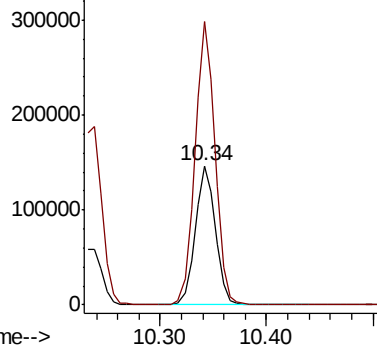
106 100

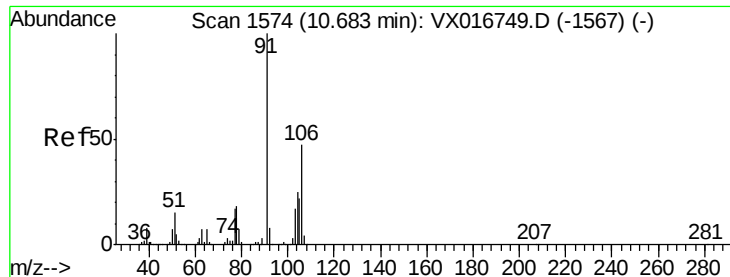
91 201.9 161.2 241.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

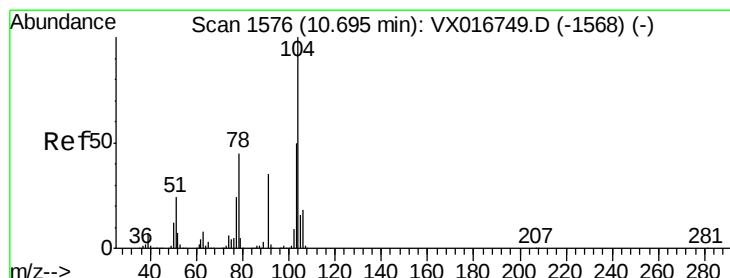
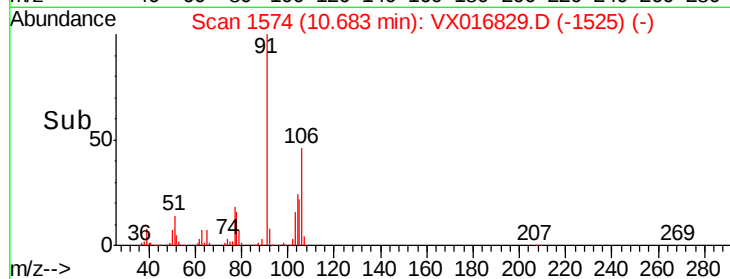
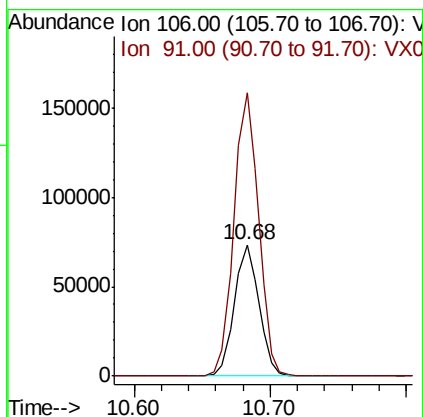
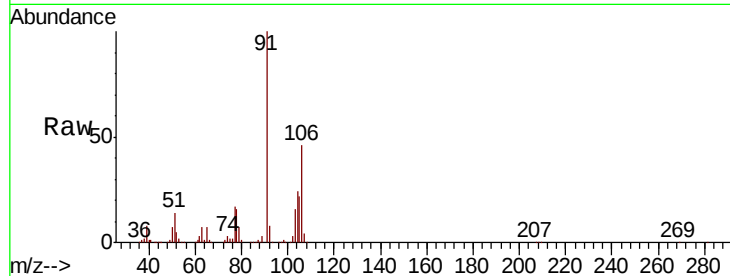




#69
o-Xylene
Concen: 19.710 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

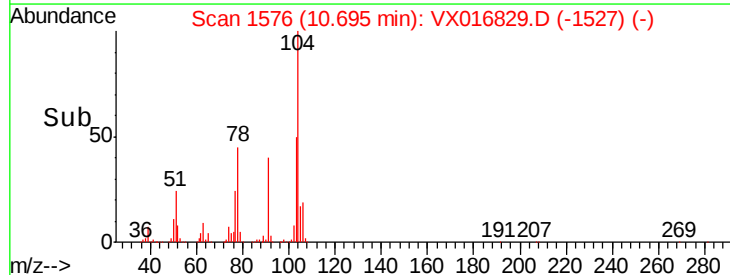
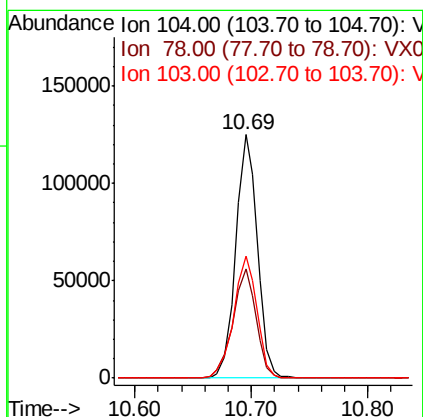
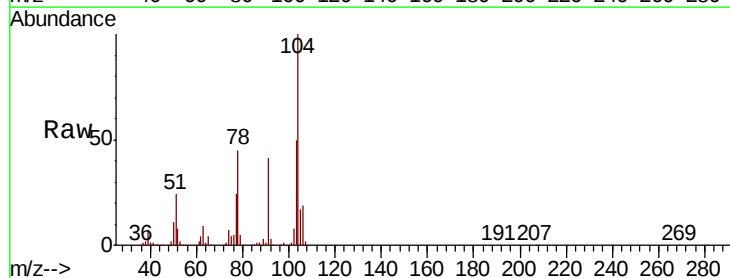
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS05

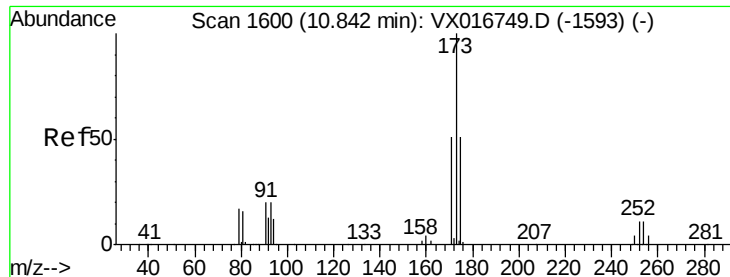
Tot Ion:106 Resp: 92144
Ion Ratio Lower Upper
106 100
91 217.1 106.9 320.8



#70
Styrene
Concen: 20.053 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016829.D
Acq: 17 Jun 2020 19:59

Tgt Ion:104 Resp: 162065
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.8
103 54.0 43.4 65.2





#71

Bromoform

Concen: 19.711 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

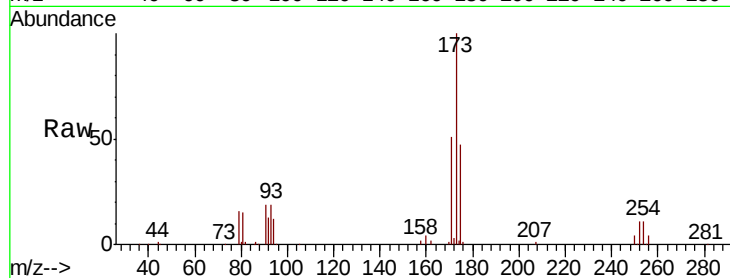
Tot Ion:173 Resp: 50794

Ion Ratio Lower Upper

173 100

175 49.0 25.1 75.4

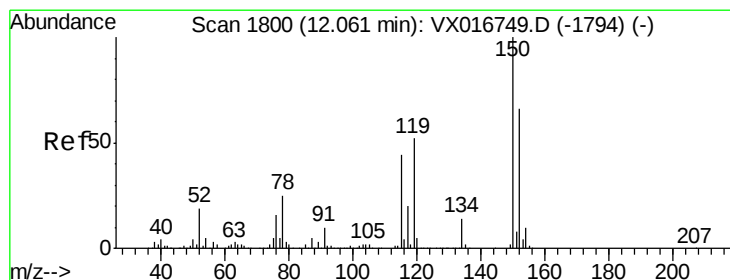
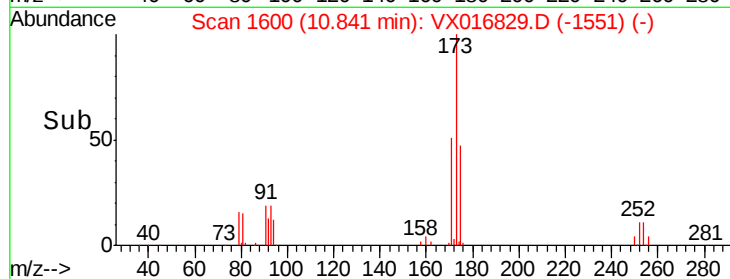
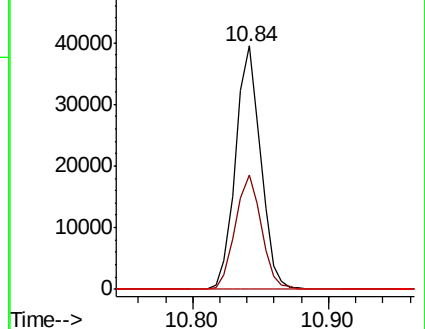
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

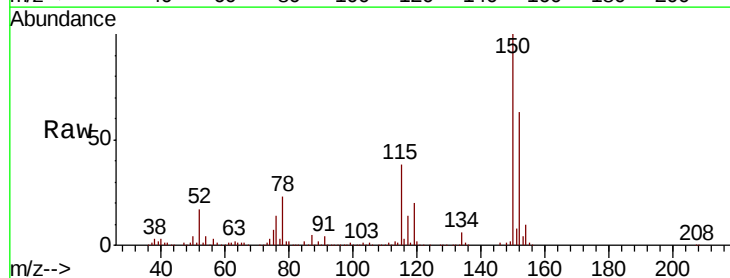
Tgt Ion:152 Resp: 188997

Ion Ratio Lower Upper

152 100

115 64.3 40.3 120.8

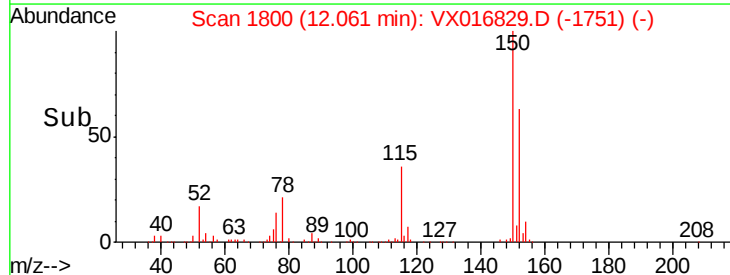
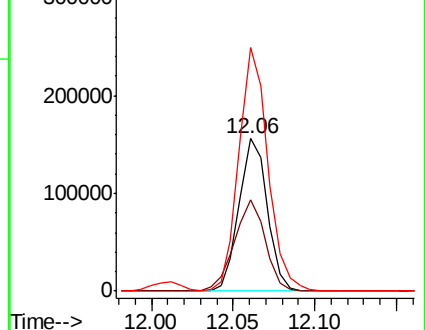
150 164.0 0.0 337.4

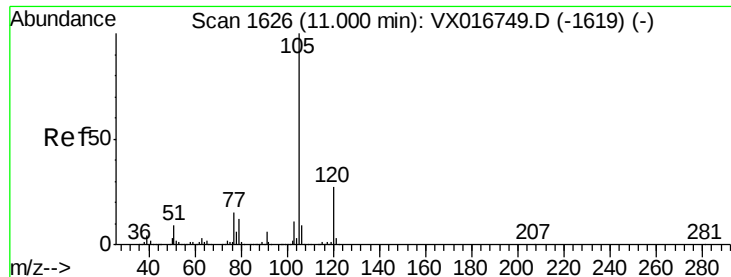


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.049 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

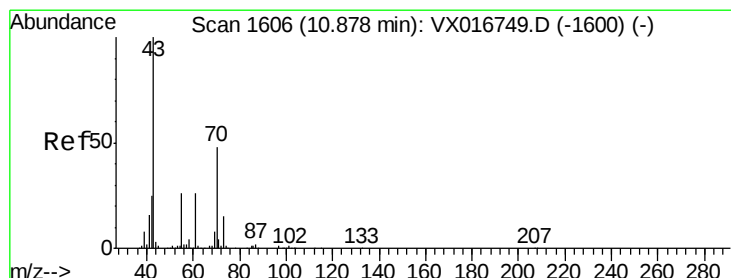
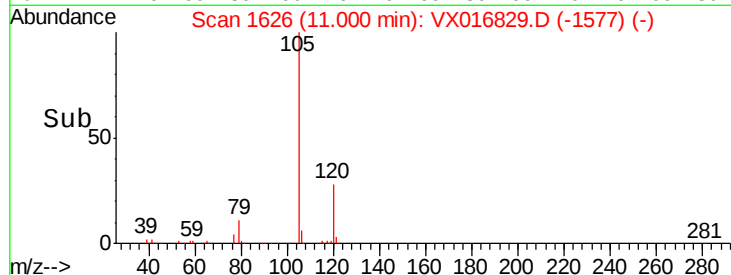
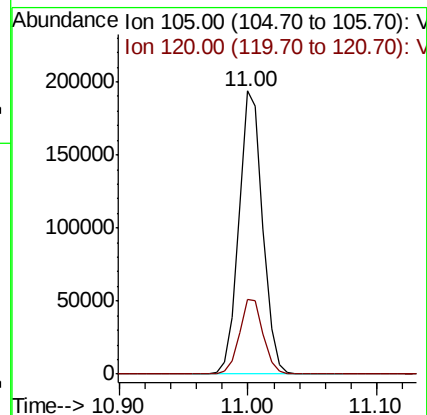
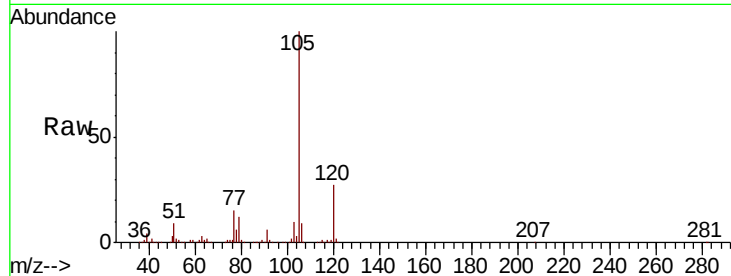
VX0617WBS05

Tot Ion:105 Resp: 248629

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 19.867 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Tgt Ion: 43 Resp: 95759

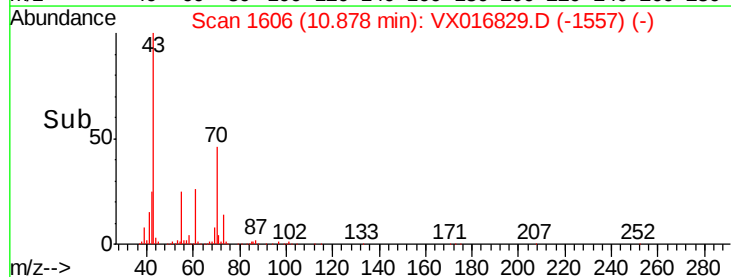
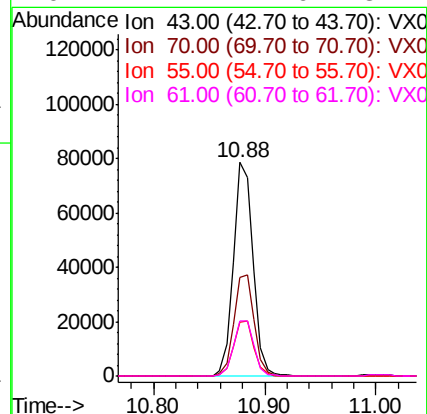
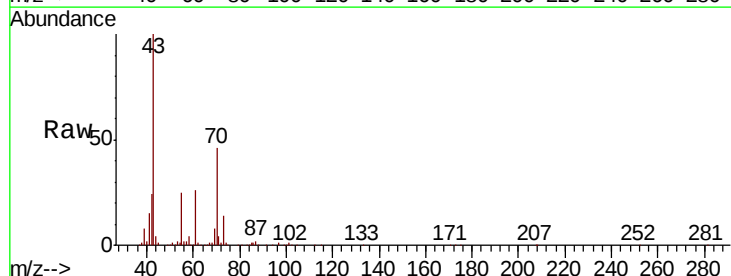
Ion Ratio Lower Upper

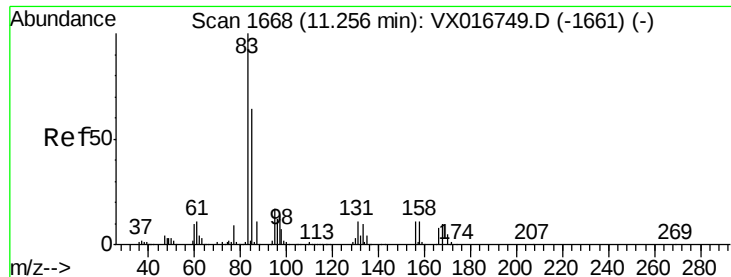
43 100

70 48.7 39.8 59.6

55 26.6 21.7 32.5

61 27.1 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.186 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

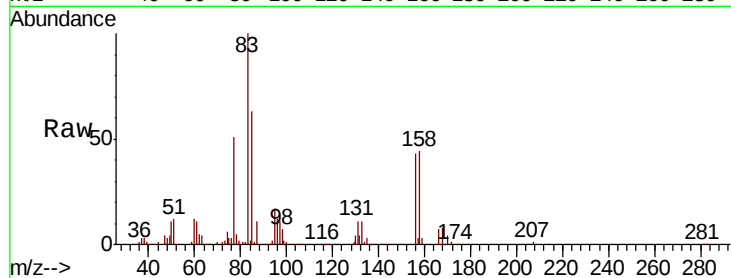
Tot Ion: 83 Resp: 66342

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.0

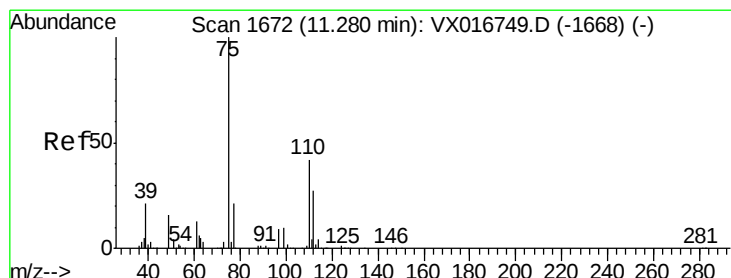
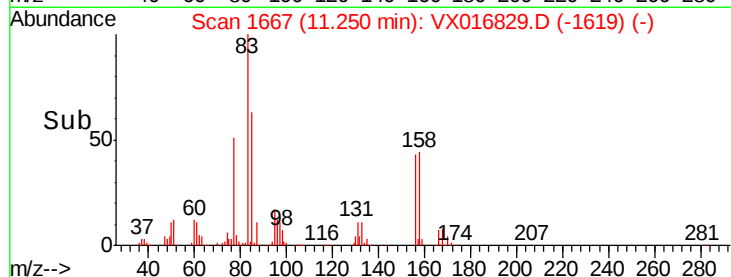
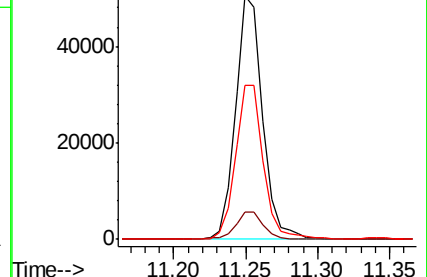
85 65.3 32.4 97.2



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: 24.762 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016829.D

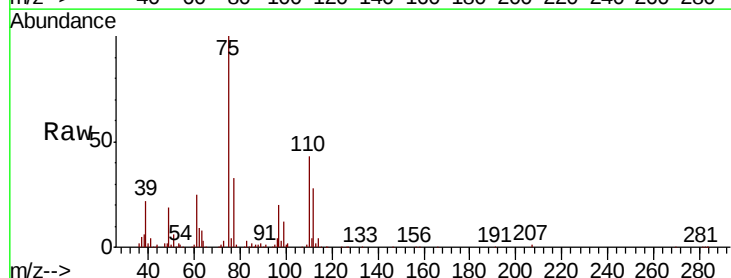
Acq: 17 Jun 2020 19:59

Tgt Ion: 75 Resp: 98416

Ion Ratio Lower Upper

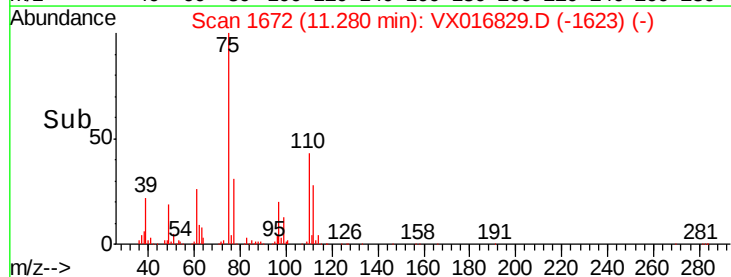
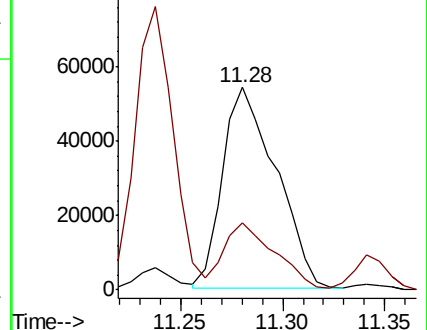
75 100

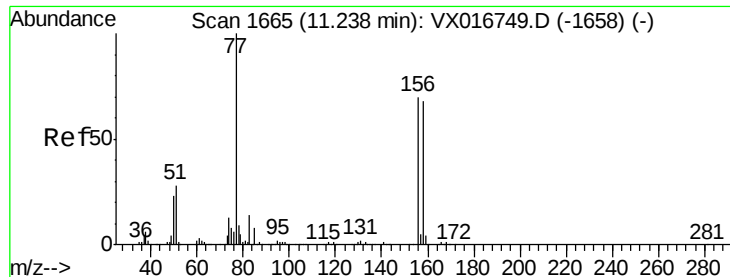
77 31.8 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.371 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

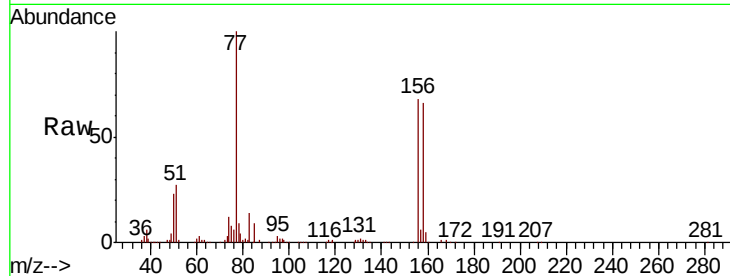
Tot Ion:156 Resp: 67828

Ion Ratio Lower Upper

156 100

77 146.2 73.2 219.6

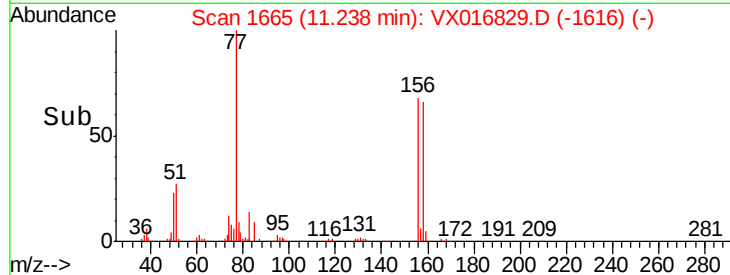
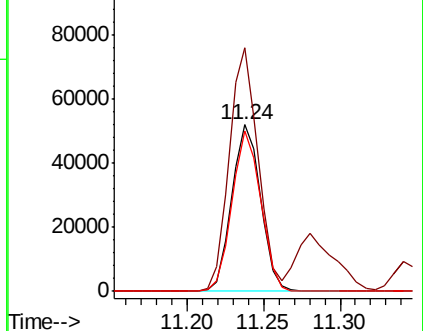
158 96.3 48.8 146.4



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: 20.273 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016829.D

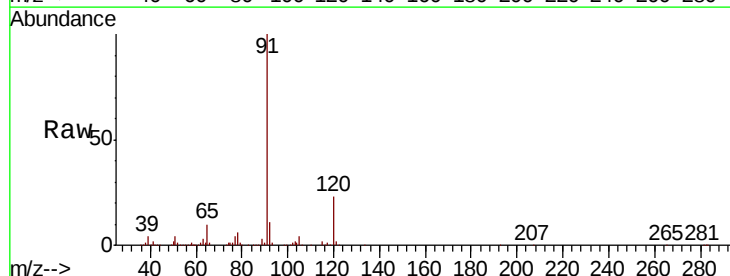
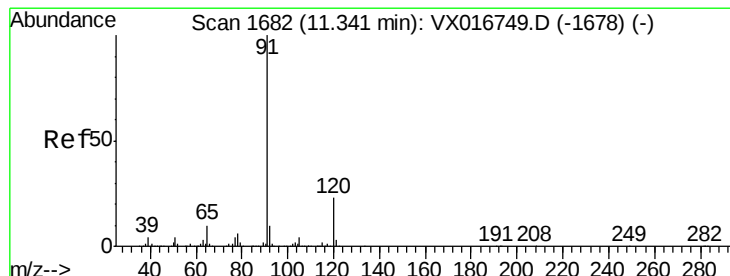
Acq: 17 Jun 2020 19:59

Tgt Ion: 91 Resp: 273032

Ion Ratio Lower Upper

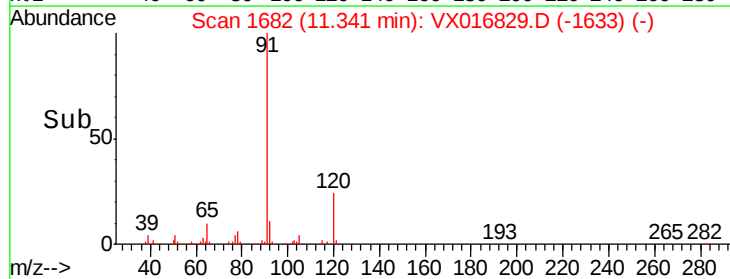
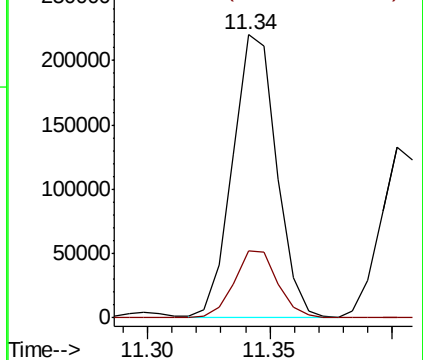
91 100

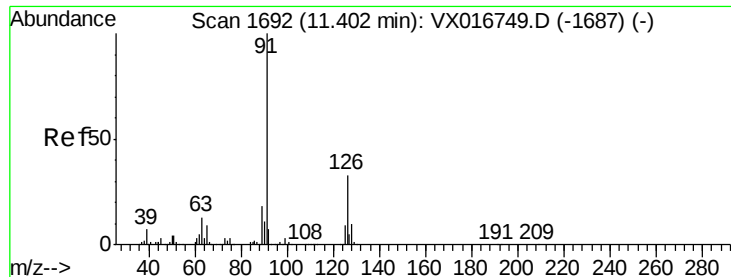
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

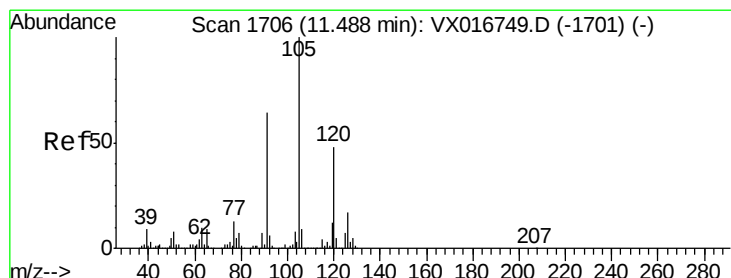
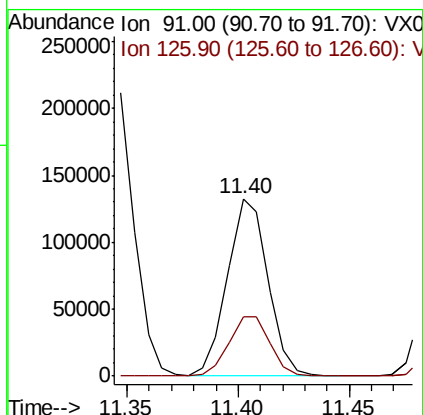
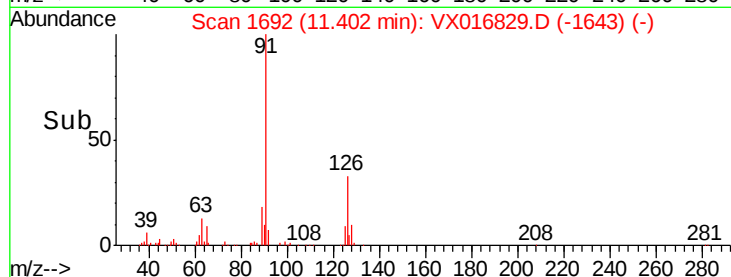
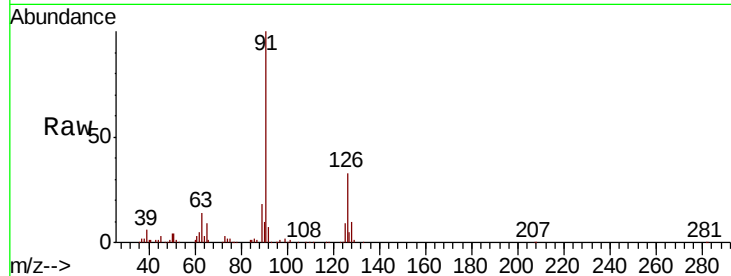




#79
 2-Chlorotoluene
 Concen: 19.603 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

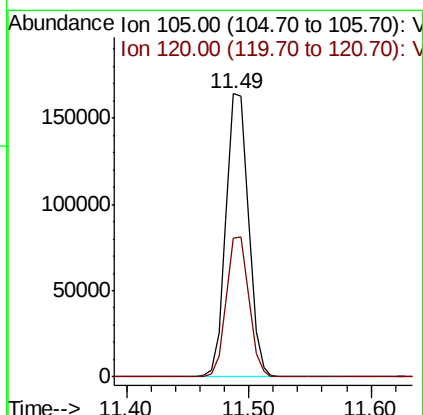
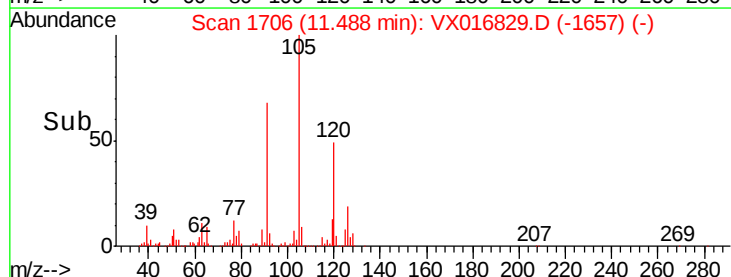
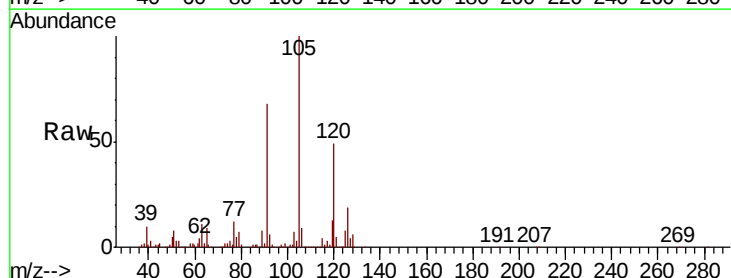
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

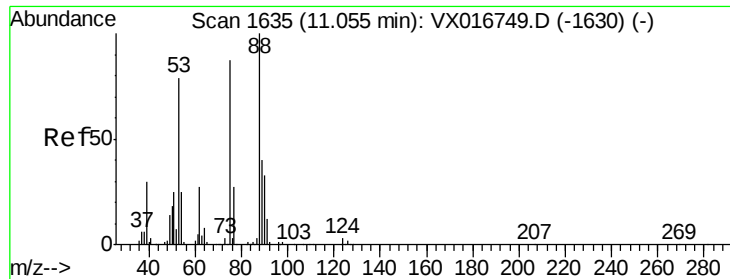
Tot Ion: 91 Resp: 166941
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.188 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion: 105 Resp: 209865
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.315 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

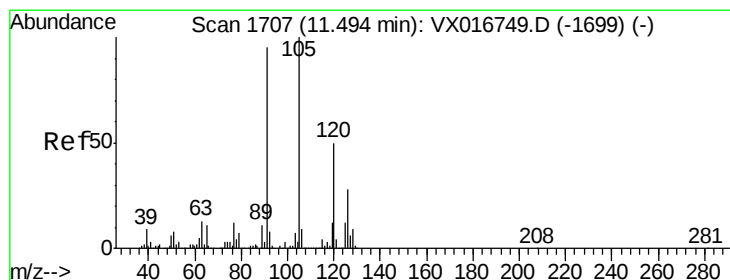
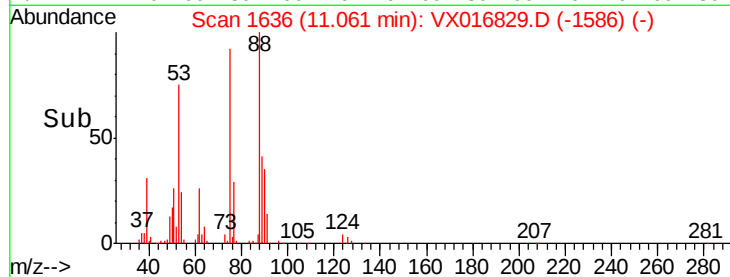
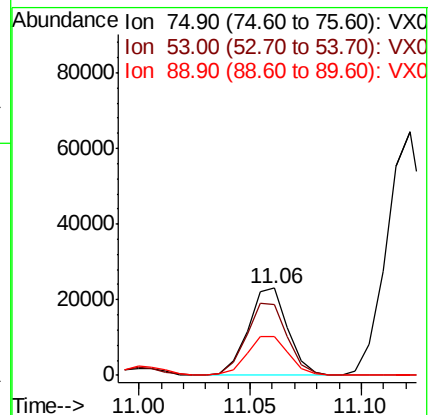
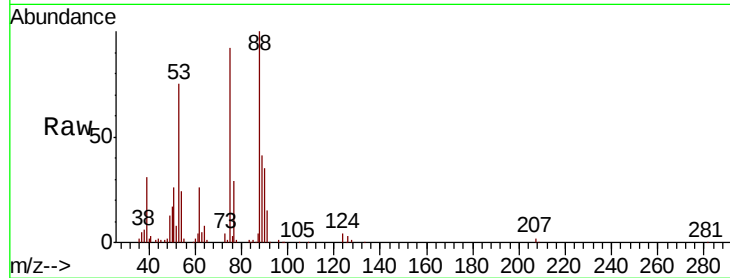
Tot Ion: 75 Resp: 28915

Ion Ratio Lower Upper

75 100

53 84.3 71.4 107.0

89 47.2 39.1 58.7



#82

4-Chlorotoluene

Concen: 19.909 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016829.D

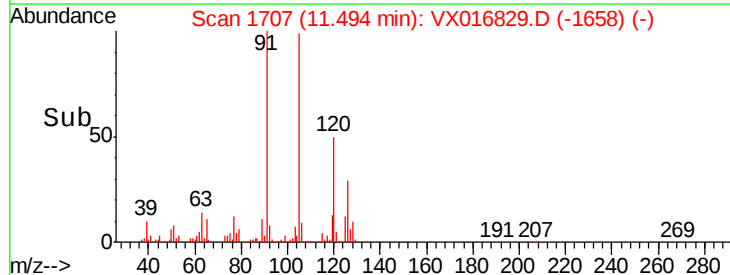
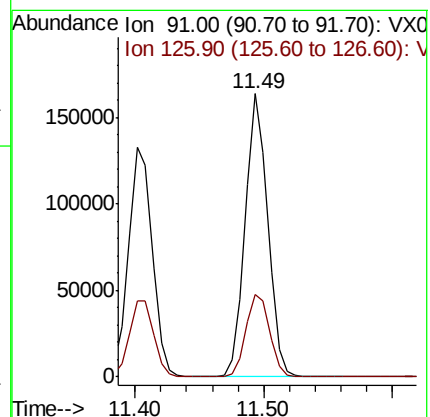
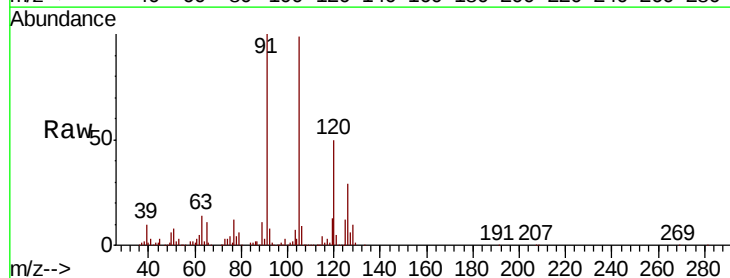
Acq: 17 Jun 2020 19:59

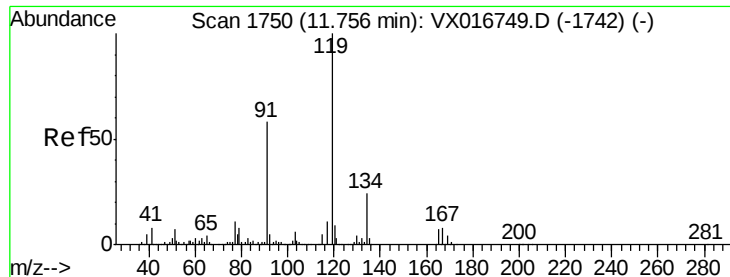
Tgt Ion: 91 Resp: 198463

Ion Ratio Lower Upper

91 100

126 30.5 15.2 45.6

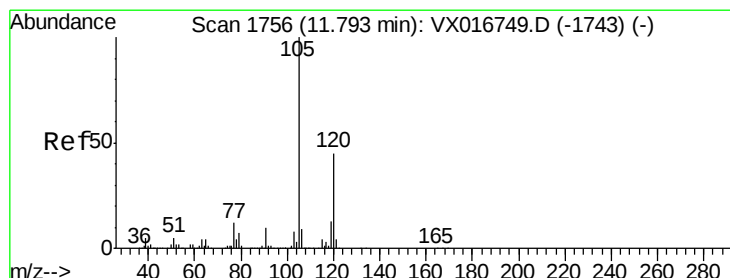
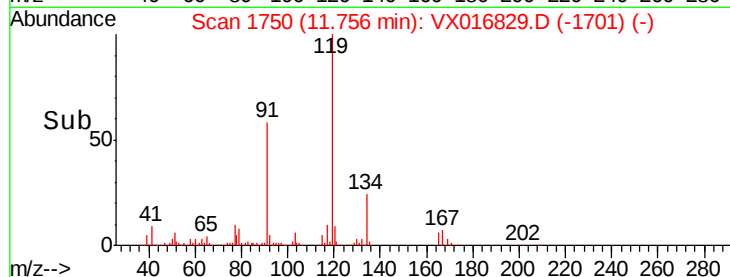
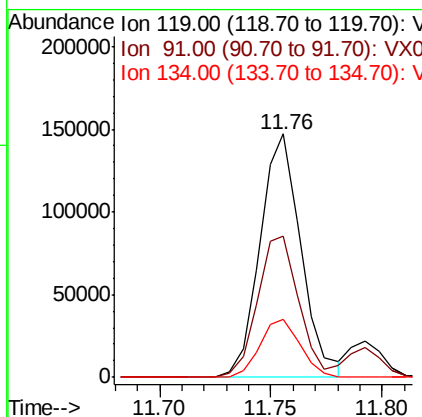
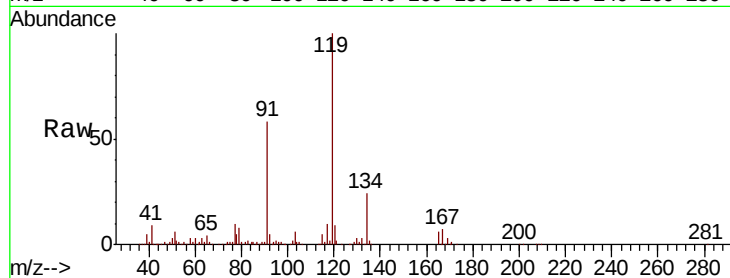




#83
 tert-Butylbenzene
 Concen: 19.772 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

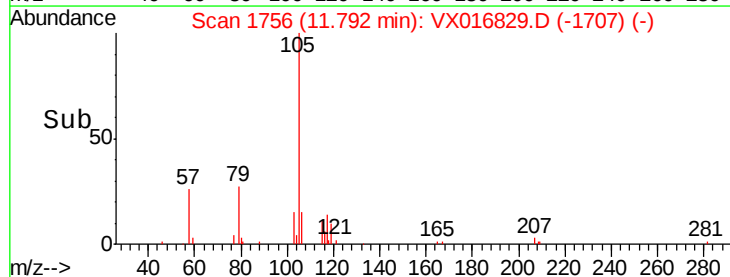
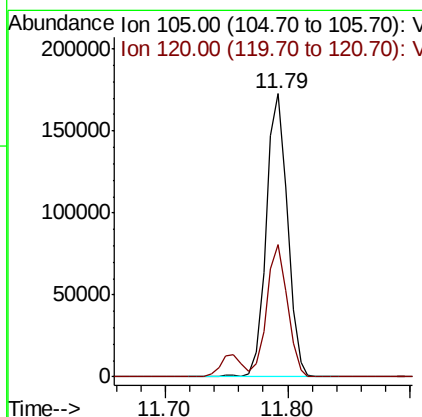
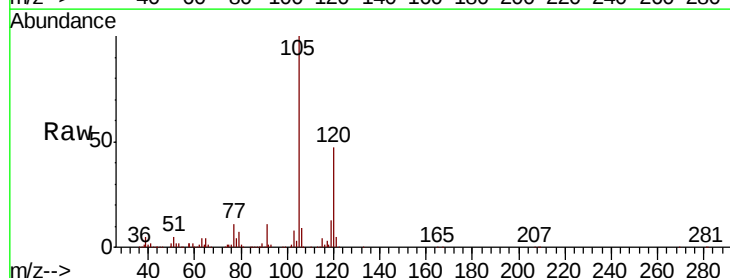
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

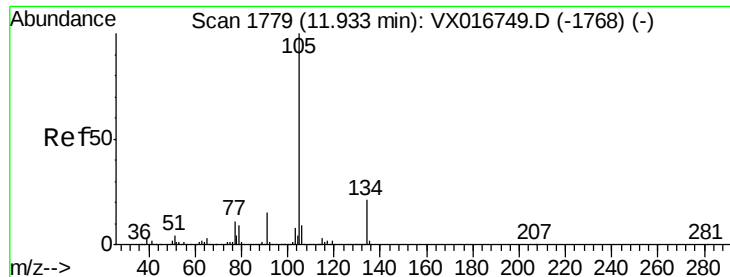
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	29.3	88.0
134	23.4	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.891 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.043 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

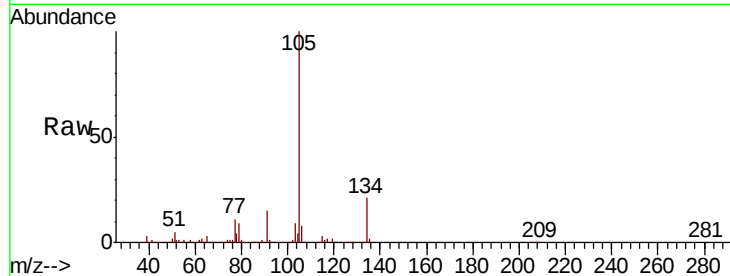
VX0617WBS05

Tot Ion:105 Resp: 223008

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

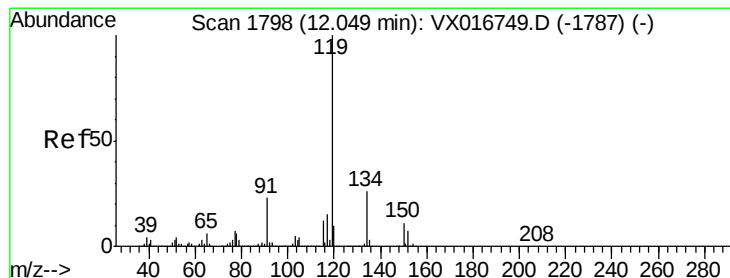
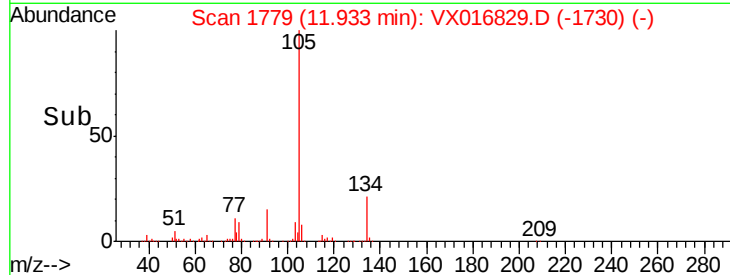
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.831 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

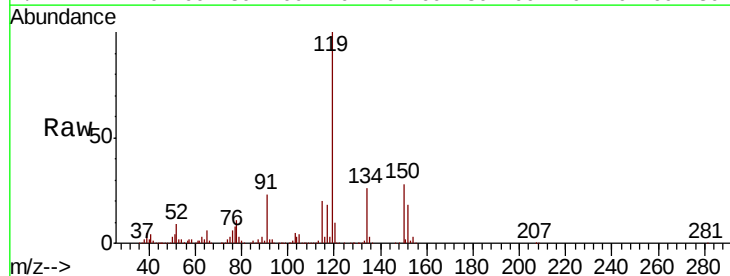
Tgt Ion:119 Resp: 211714

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 22.9 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

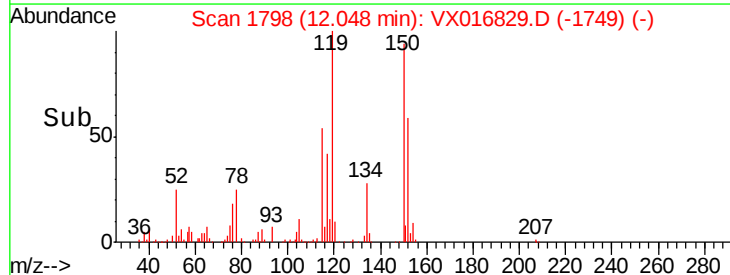
100000

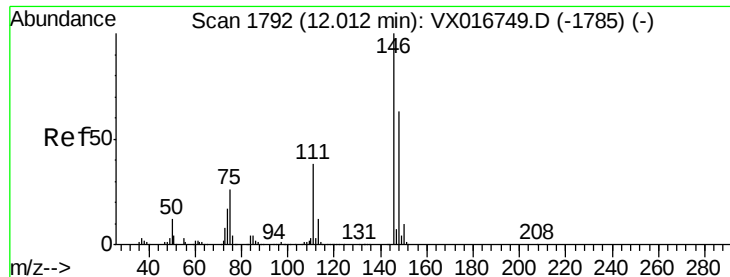
50000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.814 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

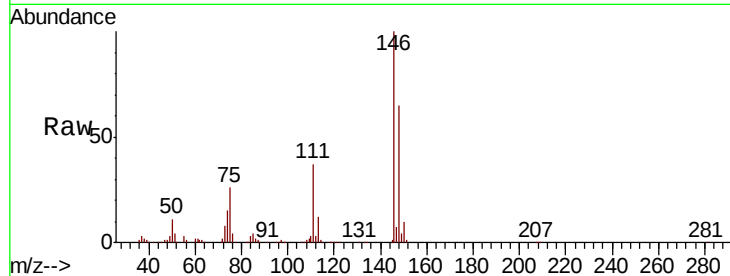
Tot Ion:146 Resp: 117293

Ion Ratio Lower Upper

146 100

111 38.5 19.8 59.3

148 63.0 31.9 95.7

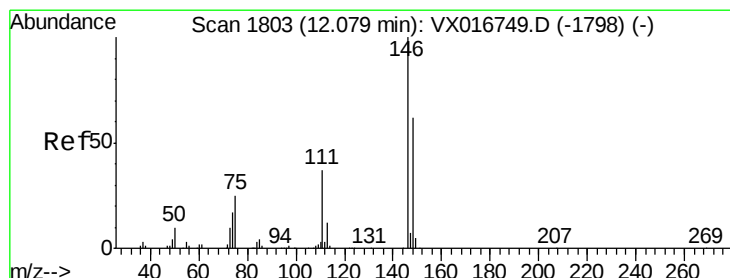
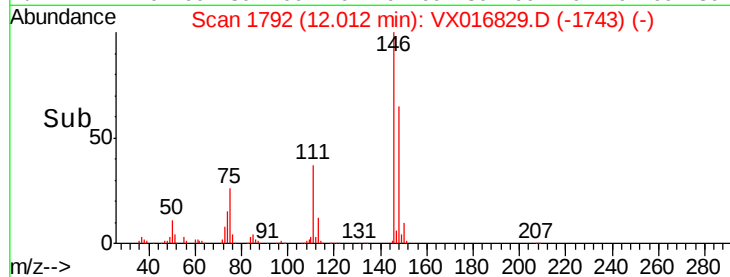
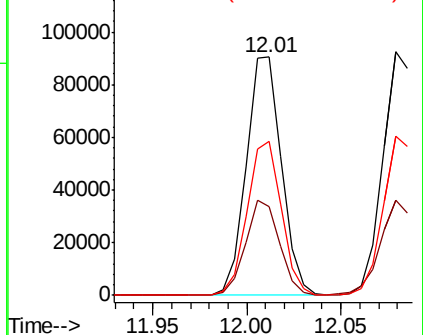


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.186 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

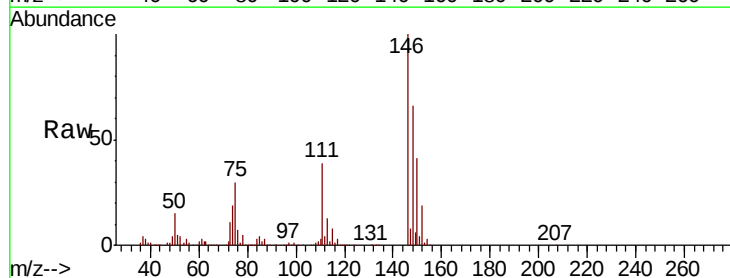
Tgt Ion:146 Resp: 117782

Ion Ratio Lower Upper

146 100

111 39.8 19.3 57.8

148 64.6 32.1 96.5

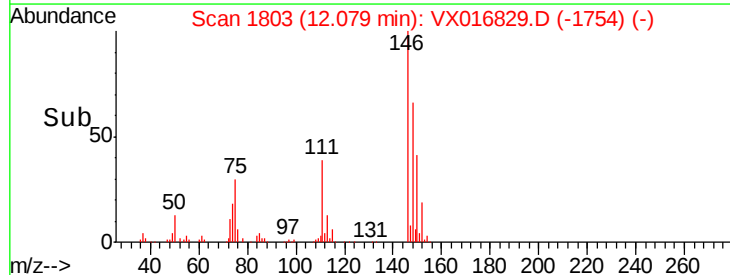
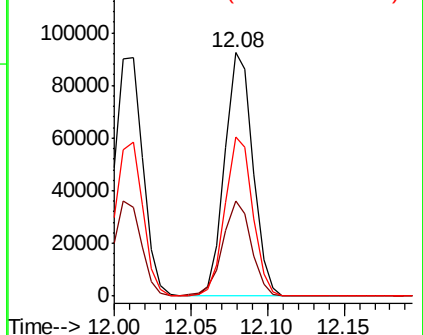


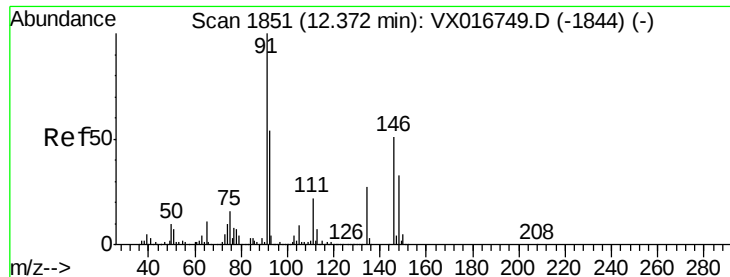
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.402 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

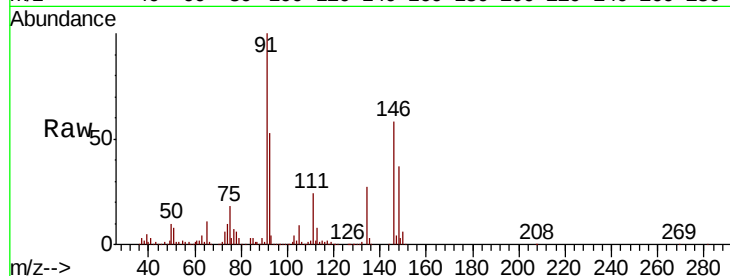
Tot Ion: 91 Resp: 170991

Ion Ratio Lower Upper

91 100

92 54.3 27.0 80.8

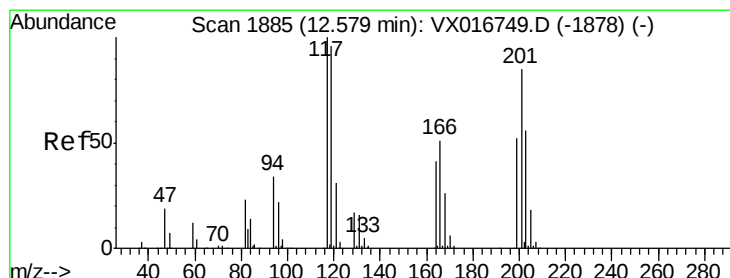
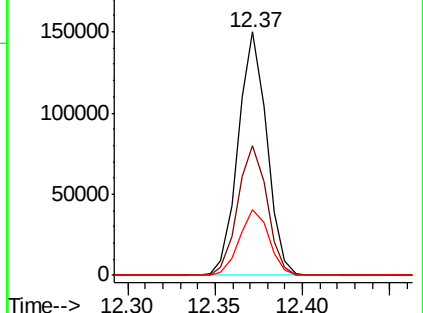
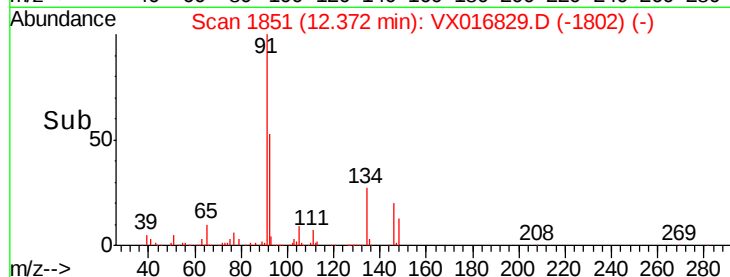
134 27.8 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.753 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016829.D

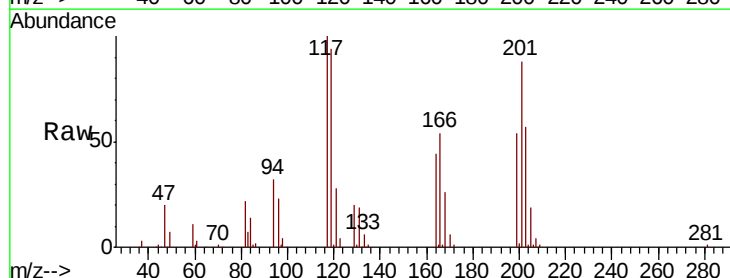
Acq: 17 Jun 2020 19:59

Tgt Ion: 117 Resp: 36919

Ion Ratio Lower Upper

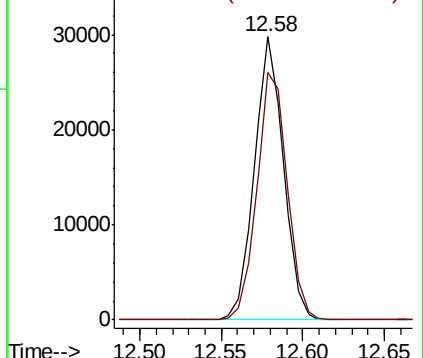
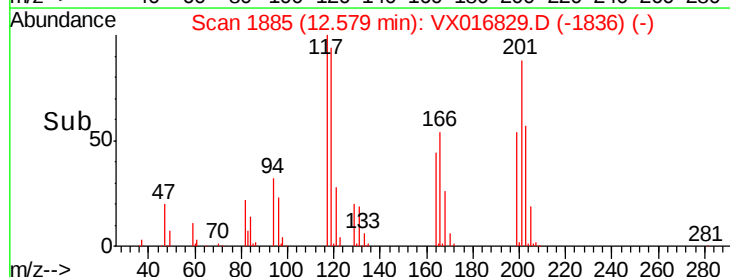
117 100

201 90.7 45.6 136.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.110 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

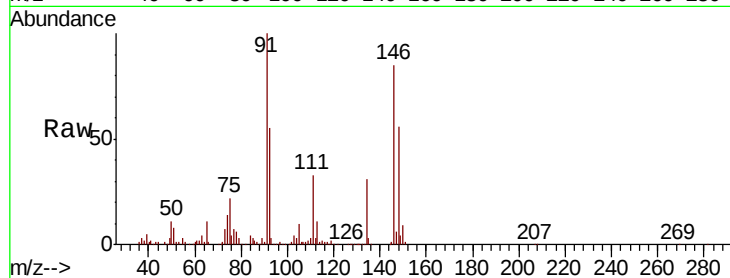
Tot Ion:146 Resp: 113130

Ion Ratio Lower Upper

146 100

111 40.7 20.8 62.2

148 64.7 32.1 96.5

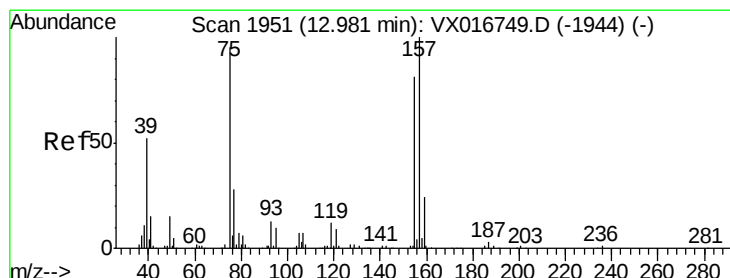
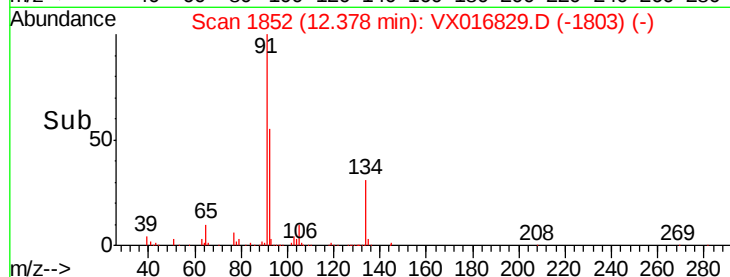
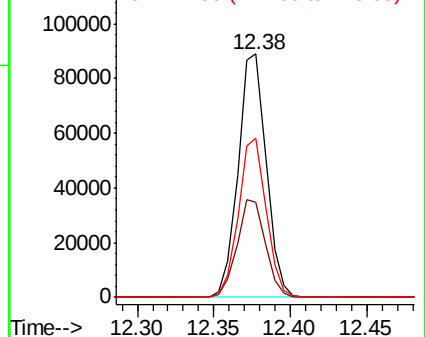


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.119 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

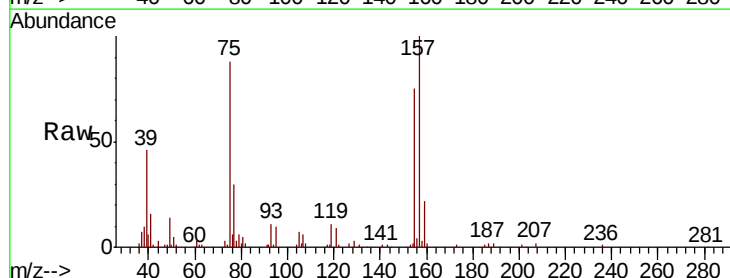
Tgt Ion: 75 Resp: 19504

Ion Ratio Lower Upper

75 100

155 91.2 46.9 140.7

157 120.3 59.6 178.7

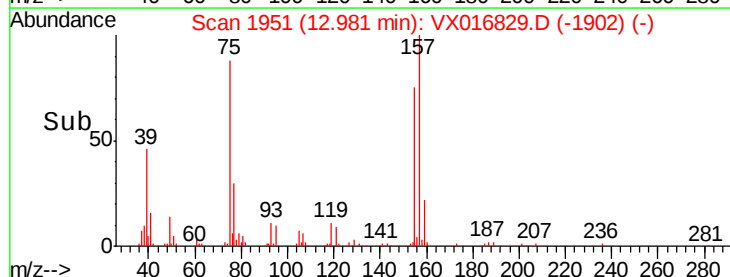
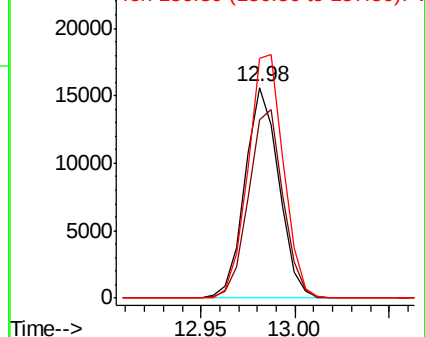


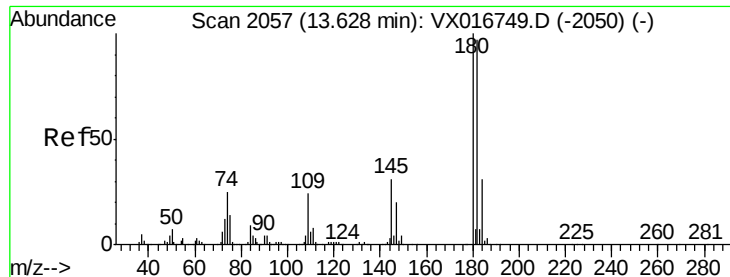
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

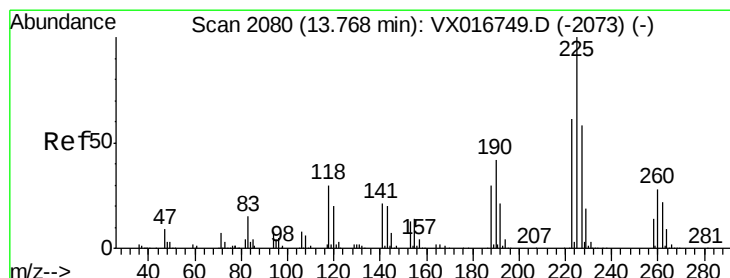
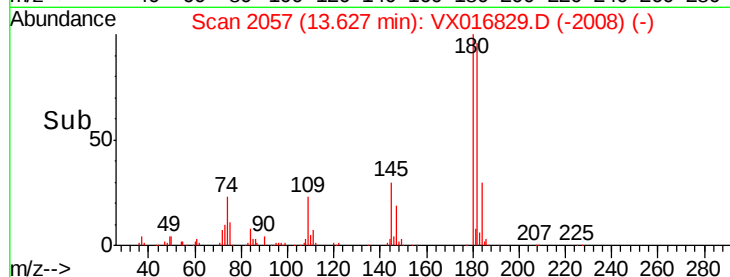
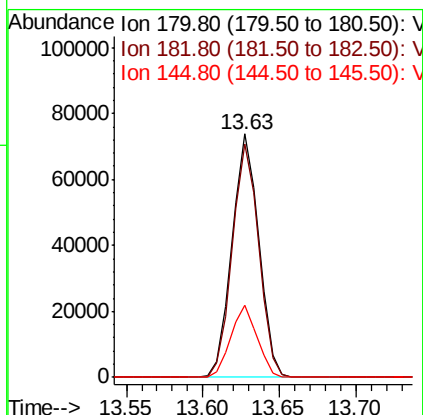
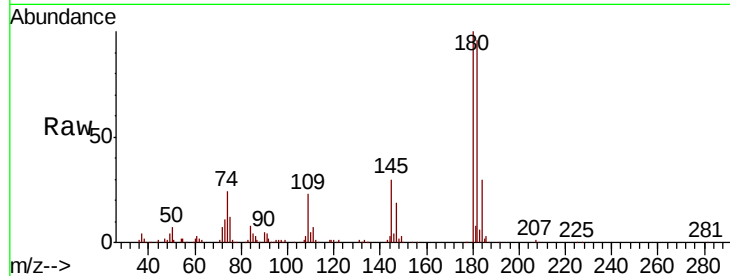




#93
 1,2,4-Trichlorobenzene
 Concen: 21.686 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

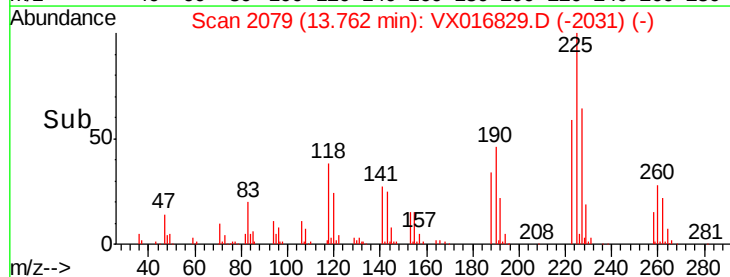
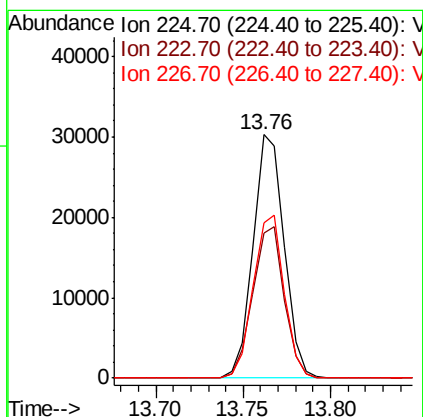
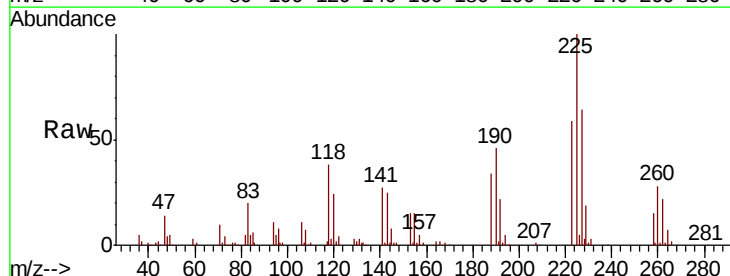
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS05

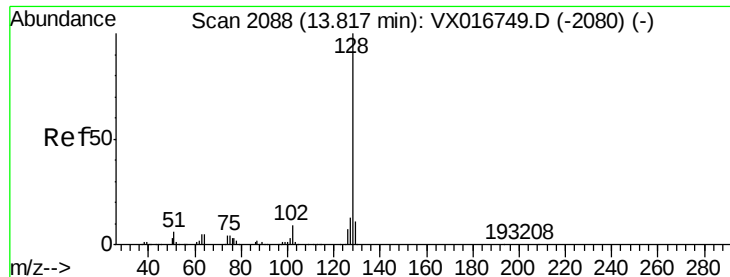
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.6	145.8
145	29.0	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 20.725 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016829.D
 Acq: 17 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.5
227	66.4	30.9	92.7





#95

Naphthalene

Concen: 21.917 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS05

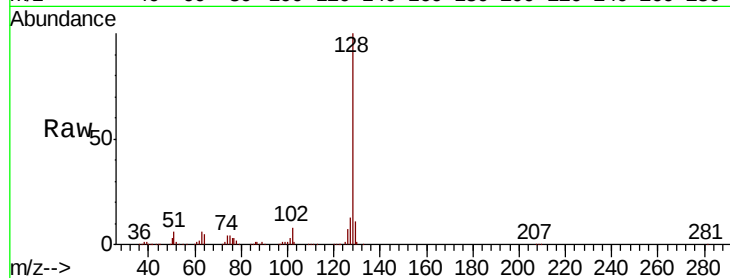
Tot Ion:128 Resp: 284649

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.8 13.2

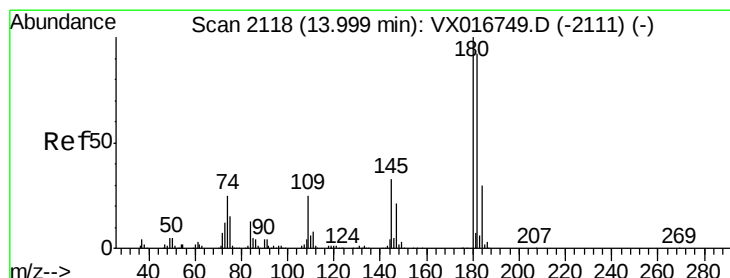
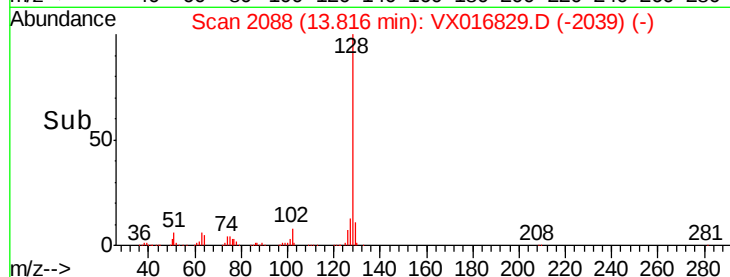
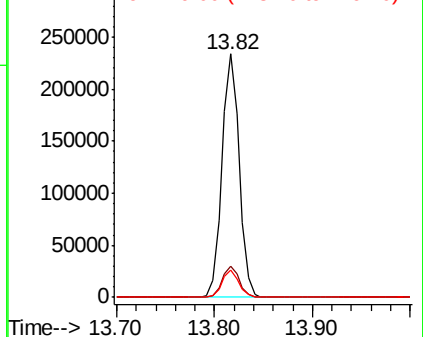


Abundance

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: 20.160 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016829.D

Acq: 17 Jun 2020 19:59

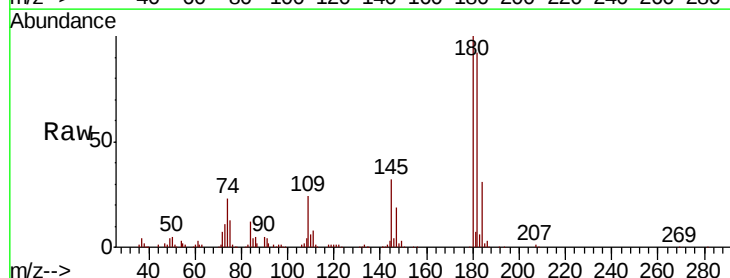
Tgt Ion:180 Resp: 82263

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.4

145 32.8 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

