

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008845.D
 Acq On : 19 May 2022 04:09
 Operator : KP/MD
 Sample : N2869-18
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P032-SS001-1218-01

Quant Time: May 19 06:56:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

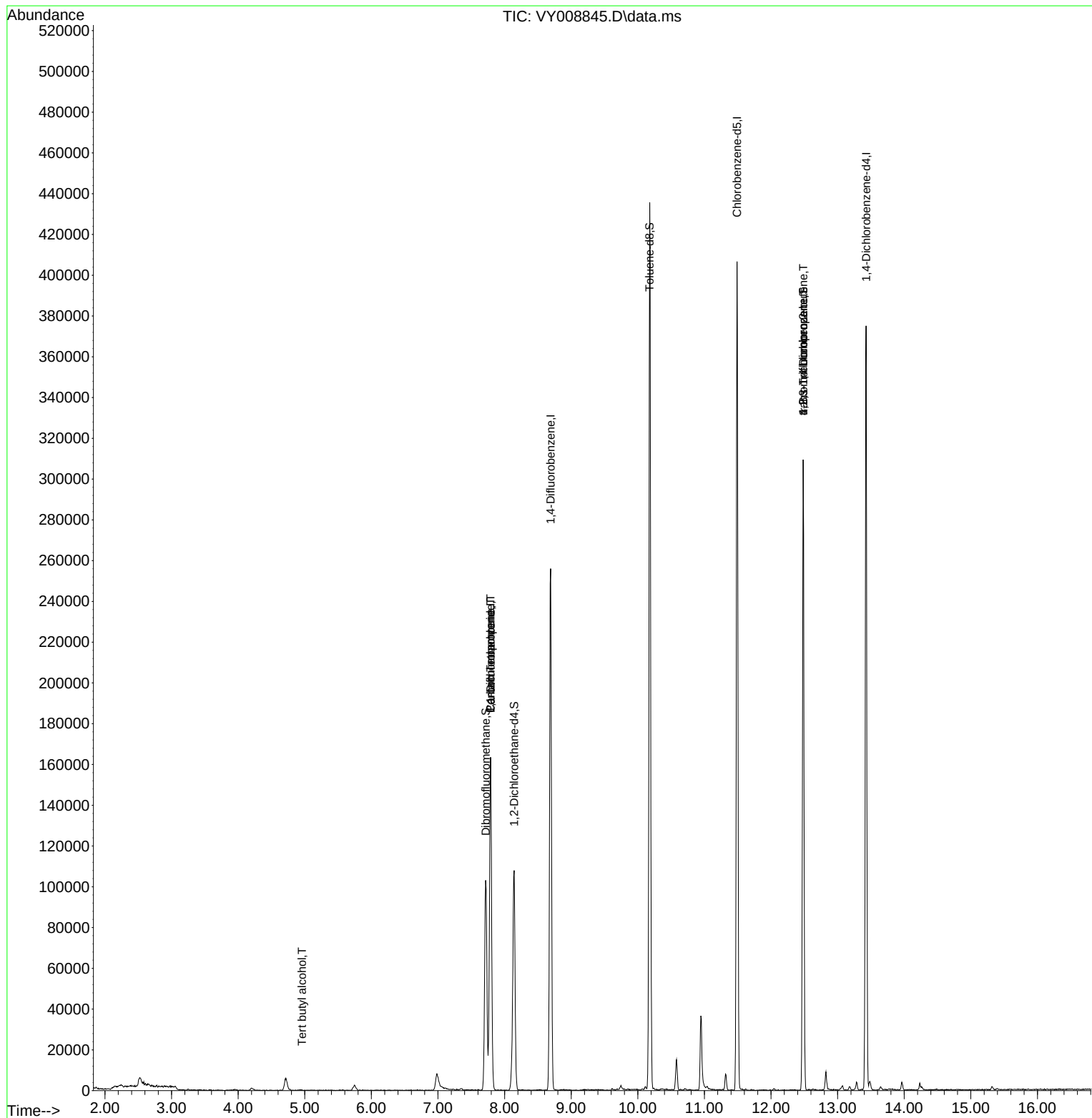
Internal Standards						
1) Pentafluorobenzene	7.789	168	122095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77252	68.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.400%
35) Dibromofluoromethane	7.716	113	72749	56.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.980%
50) Toluene-d8	10.179	98	278285	49.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.483	95	81470	40.917	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	19	Below Cal	#	43
3) Chloromethane	2.125	50	34	Below Cal	#	44
4) Vinyl Chloride	2.253	62	165	Below Cal	#	43
5) Bromomethane	2.656	94	45	Below Cal	#	1
6) Chloroethane	2.881	64	24	Below Cal	#	43
11) Tert butyl alcohol	4.960	59	410	3.275	ug/l #	77
16) Acetone	3.954	43	890	Below Cal	#	85
18) Methyl Acetate	4.716	43	34	Below Cal	#	56
20) Methylene Chloride	4.704	84	4262	Below Cal	#	63
31) Cyclohexane	7.789	56	2807	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	10828	5.296	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12547	5.727	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45882	43.246	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45882	94.591	ug/l #	7

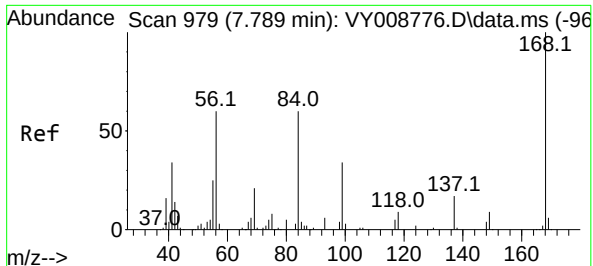
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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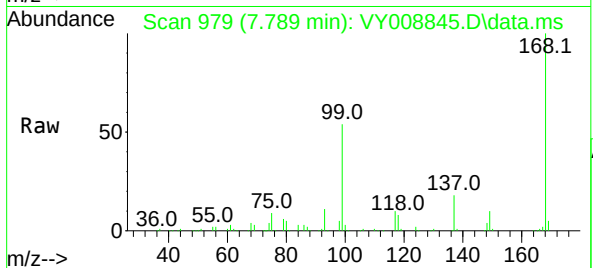
Quant Time: May 19 06:56:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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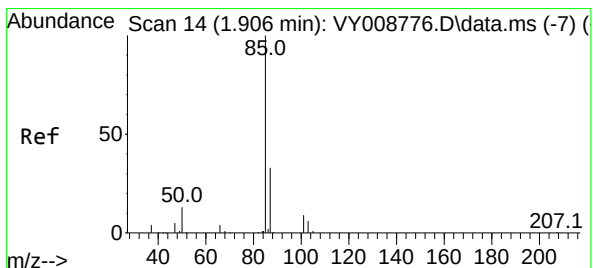
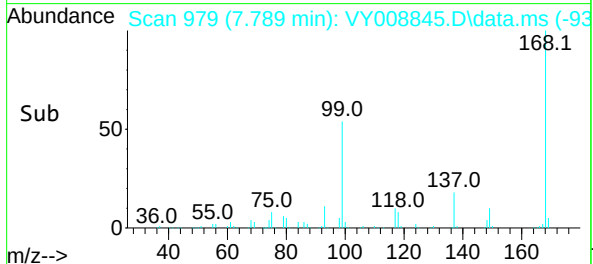
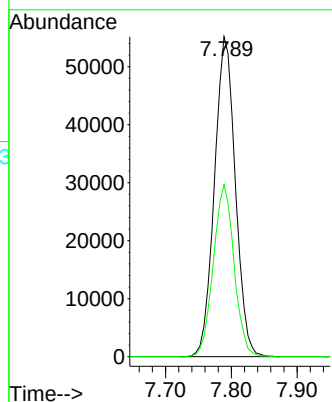


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-1218-01

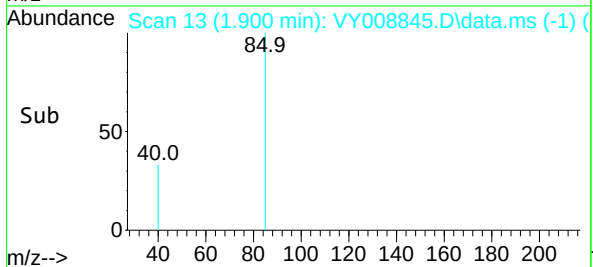
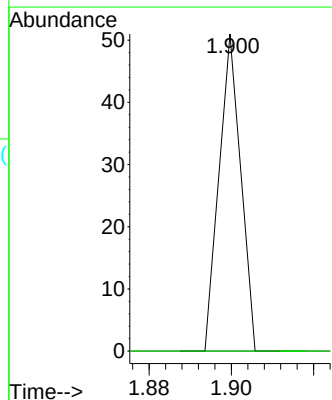
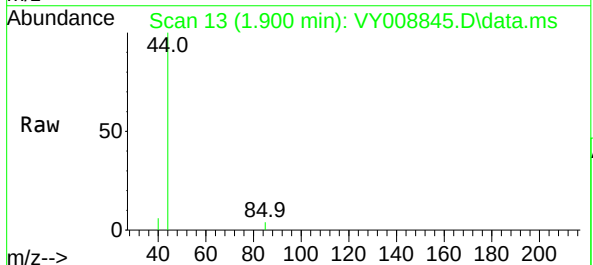


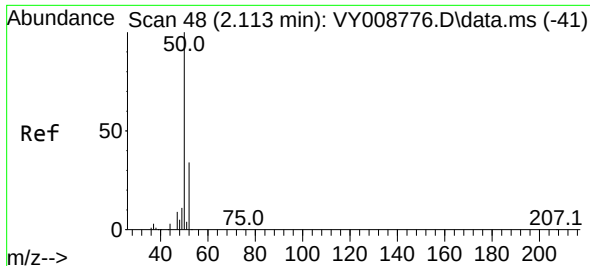
Tgt Ion:168 Resp: 122095
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

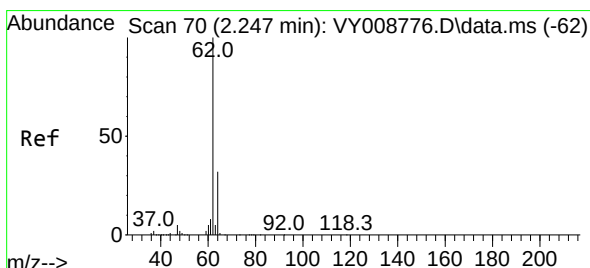
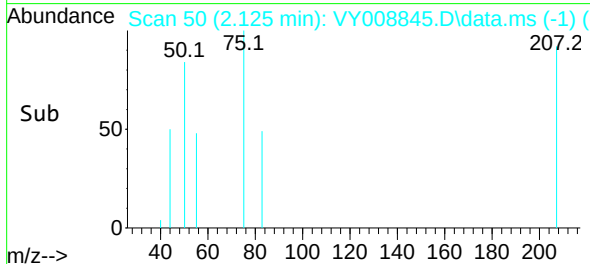
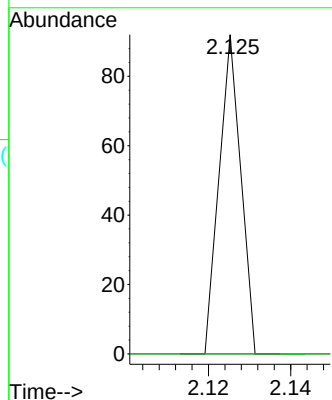
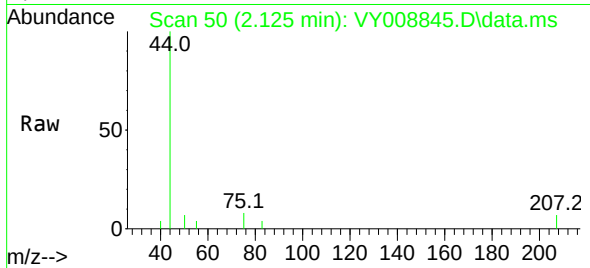




#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

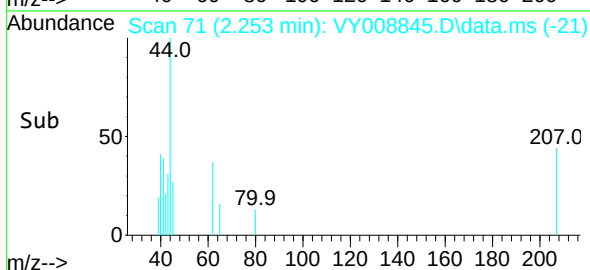
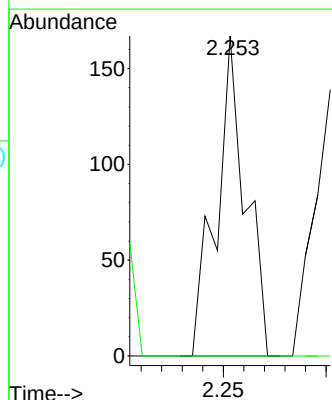
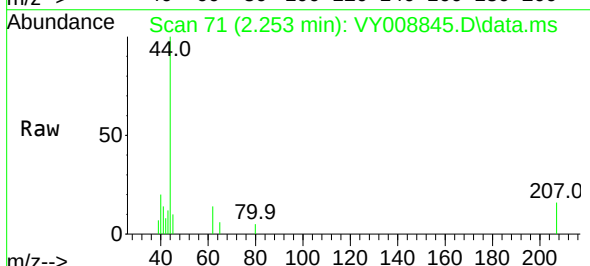
Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-1218-01

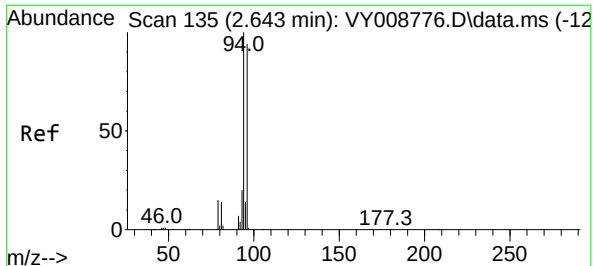
Tgt Ion: 50 Resp: 34
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Tgt Ion: 62 Resp: 165
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

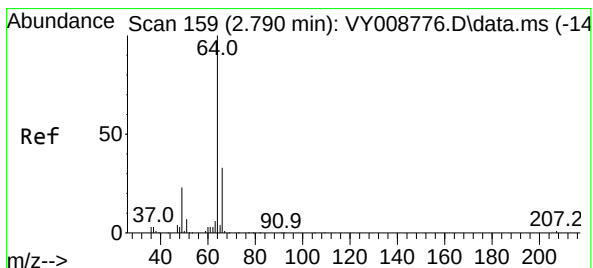
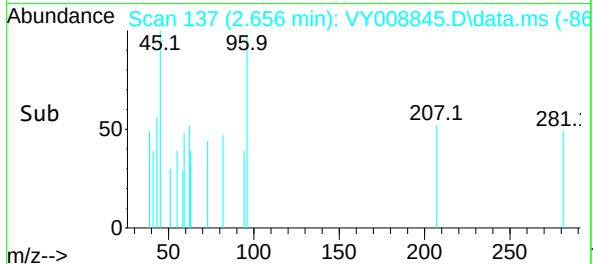
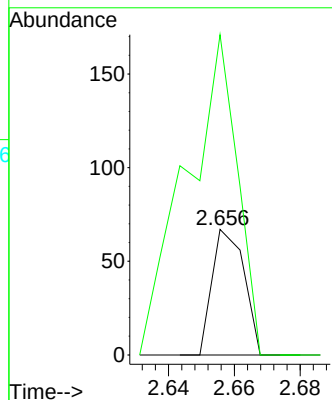
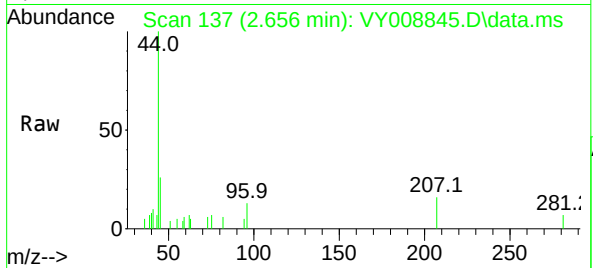




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

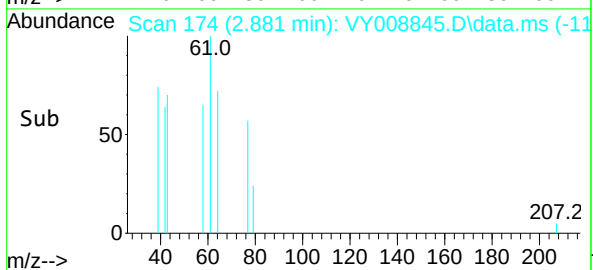
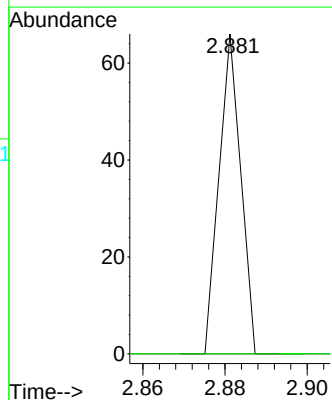
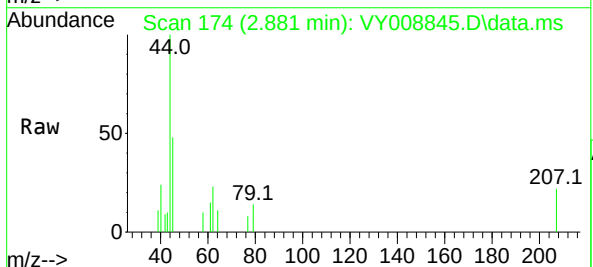
Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-1218-01

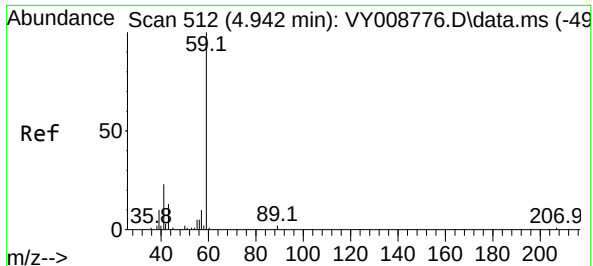
Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 255.2 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.881 min Scan# 174
Delta R.T. 0.091 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

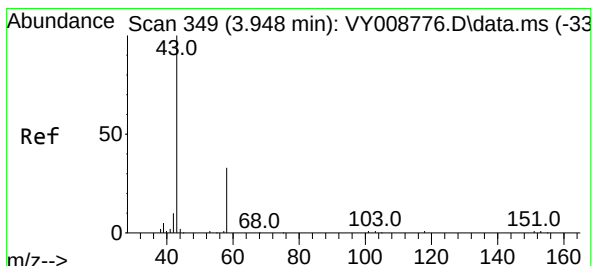
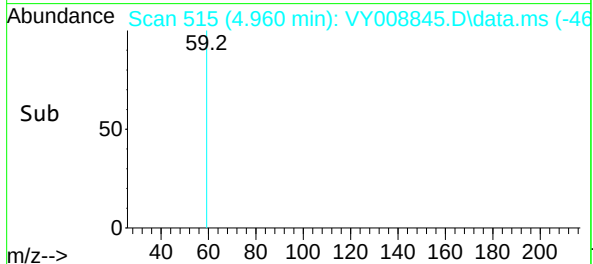
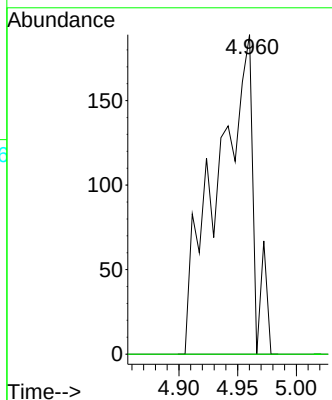
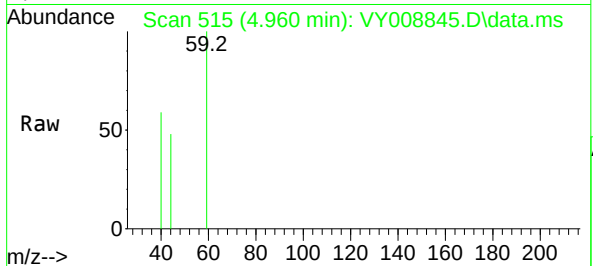




#11
Tert butyl alcohol
Concen: 3.275 ug/l
RT: 4.960 min Scan# 512
Delta R.T. 0.018 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

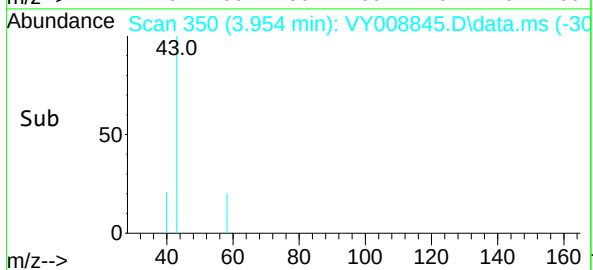
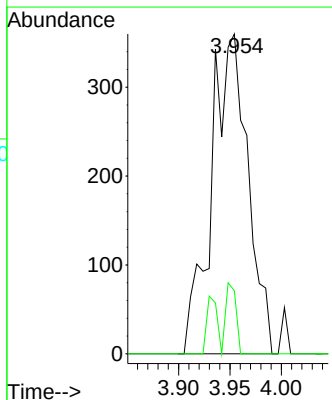
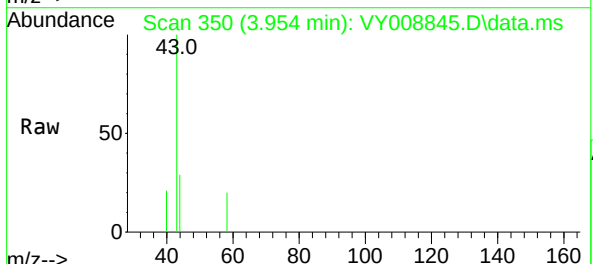
Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-1218-01

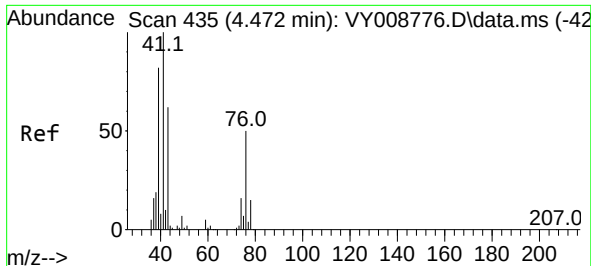
Tgt Ion: 59 Resp: 410
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 19.7 22.0 33.0#

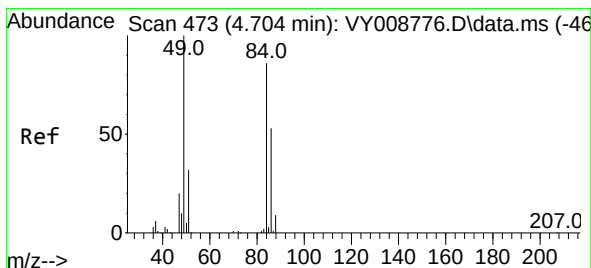
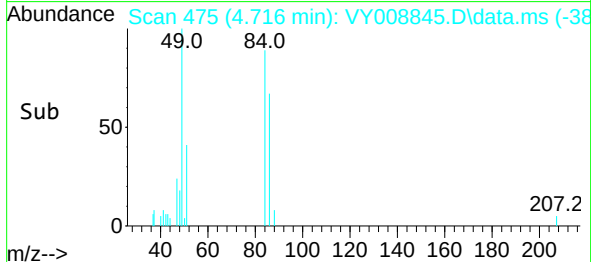
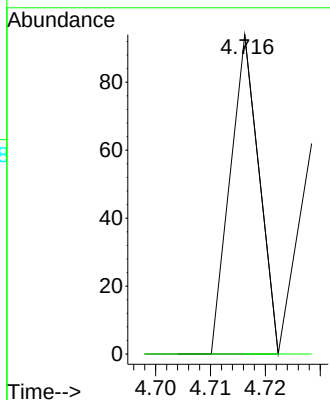
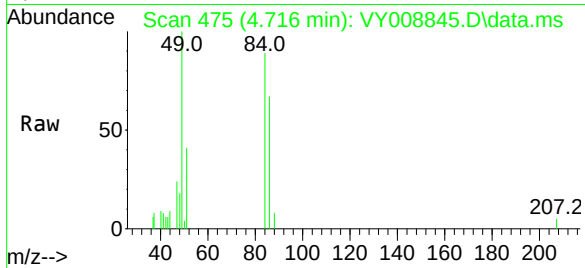




#18
Methyl Acetate
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.244 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

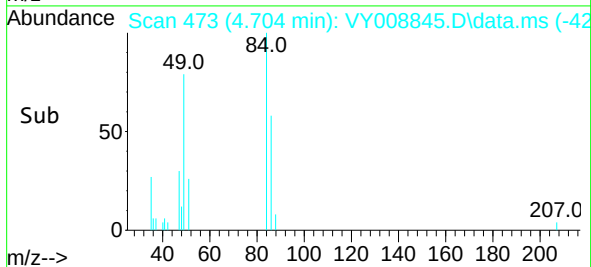
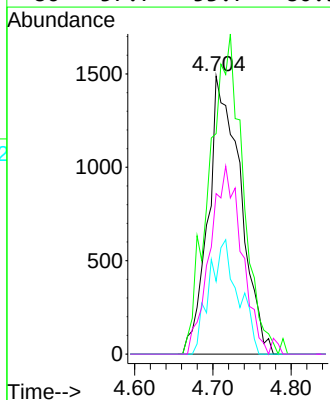
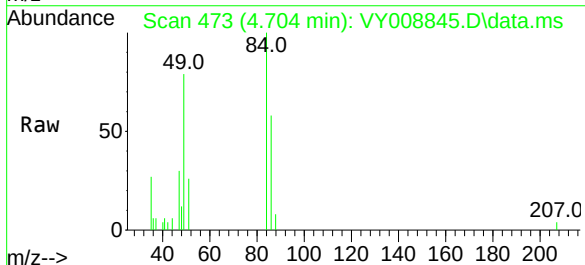
Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-1218-01

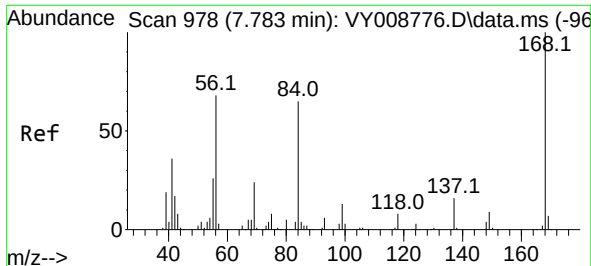
Tgt Ion: 43 Resp: 34
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Tgt Ion: 84 Resp: 4262
Ion Ratio Lower Upper
84 100
49 79.3 114.4 171.6#
51 26.1 35.3 52.9#
86 57.7 53.7 80.5

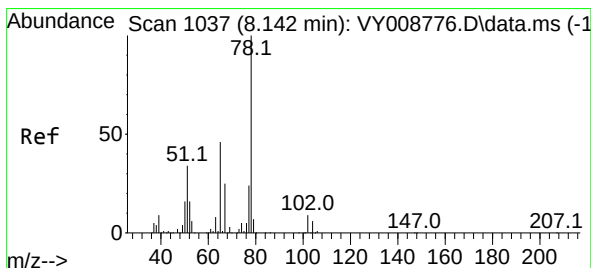
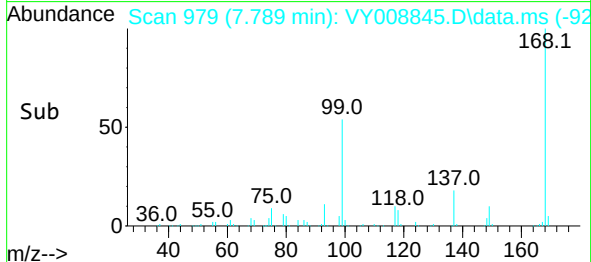
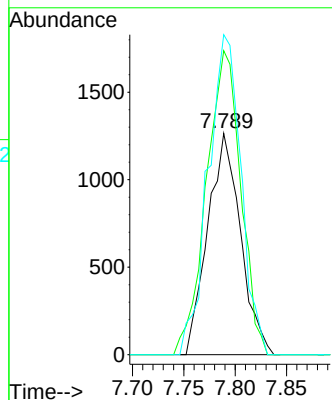
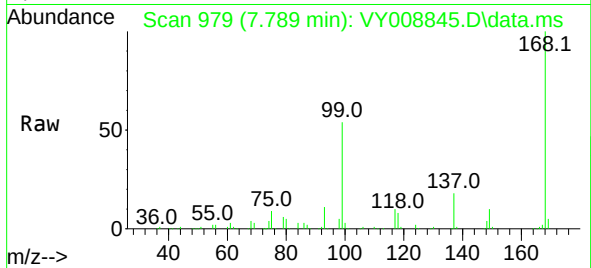




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

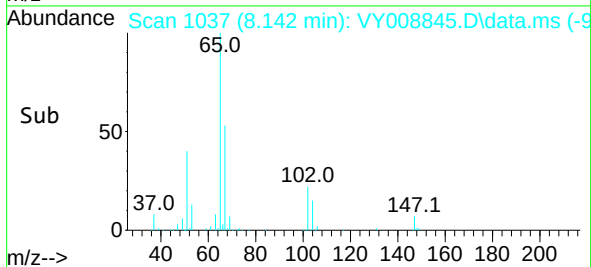
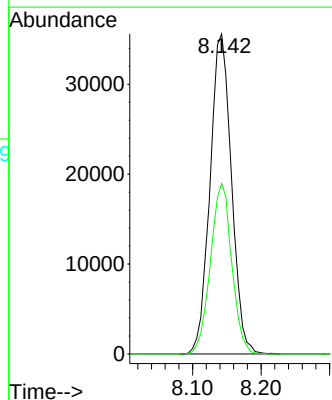
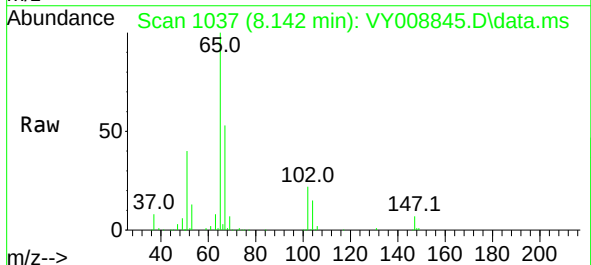
Instrument :
MSVOA_Y
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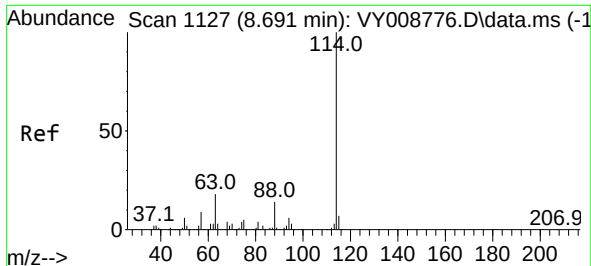
Tgt Ion: 56 Resp: 2807
Ion Ratio Lower Upper
56 100
69 137.4 26.7 40.1#
84 144.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.203 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Tgt Ion: 65 Resp: 77252
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008845.D

Acq: 19 May 2022 04:09

Instrument :

MSVOA_Y

ClientSampleId :

P032-SS001-1218-01

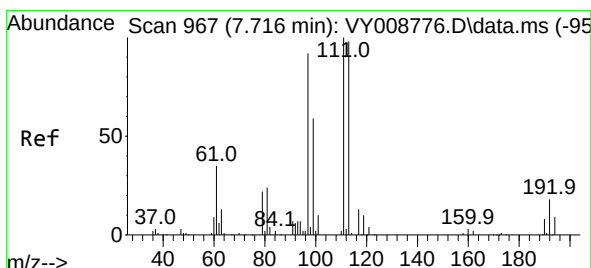
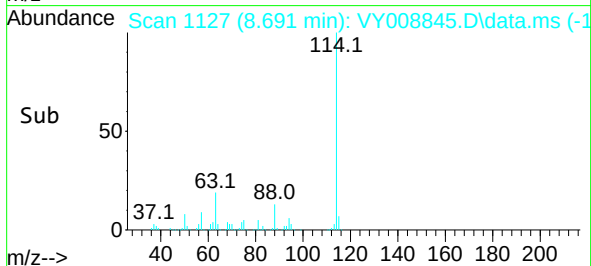
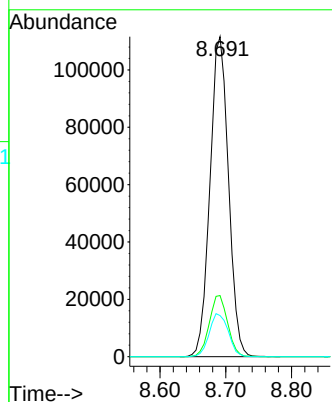
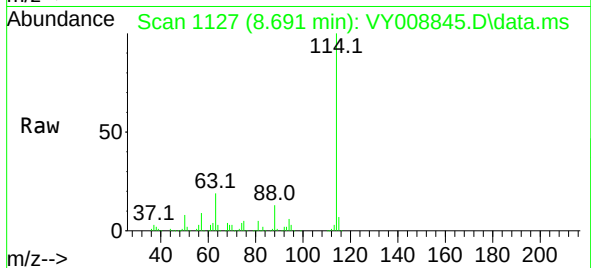
Tgt Ion:114 Resp: 218468

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 12.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.993 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008845.D

Acq: 19 May 2022 04:09

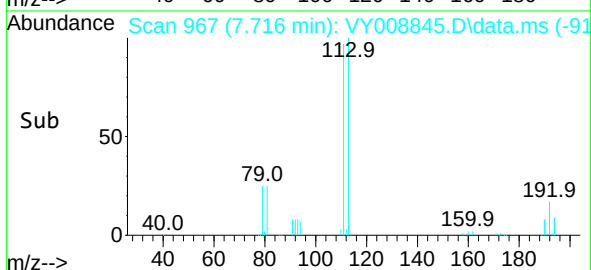
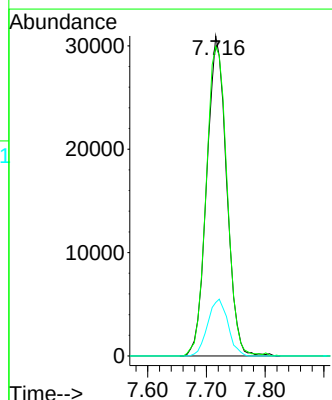
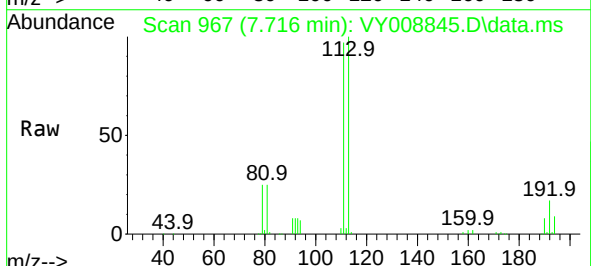
Tgt Ion:113 Resp: 72749

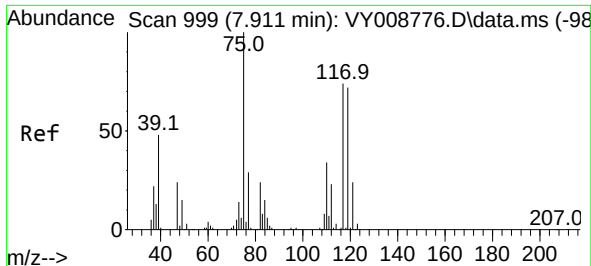
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.296 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008845.D

Acq: 19 May 2022 04:09

Instrument :

MSVOA_Y

ClientSampleId :

P032-SS001-1218-01

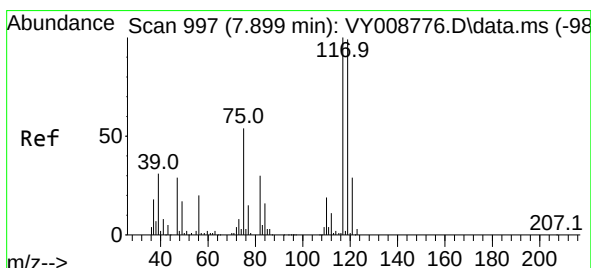
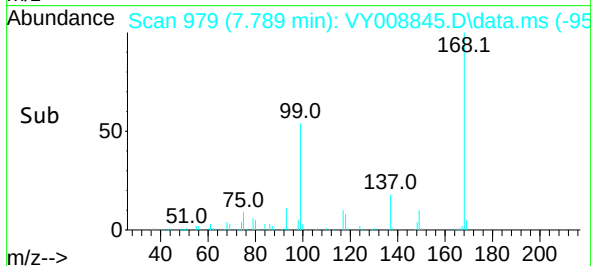
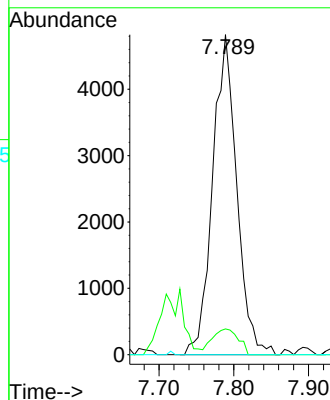
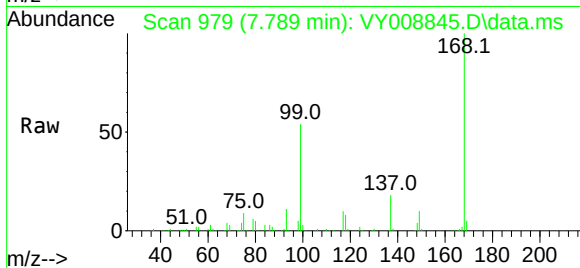
Tgt Ion: 75 Resp: 10828

Ion Ratio Lower Upper

75 100

110 8.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.727 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008845.D

Acq: 19 May 2022 04:09

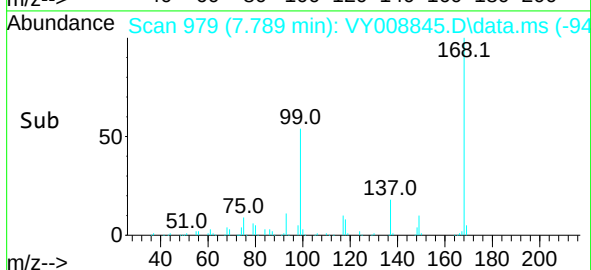
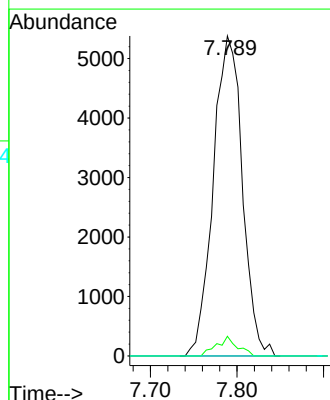
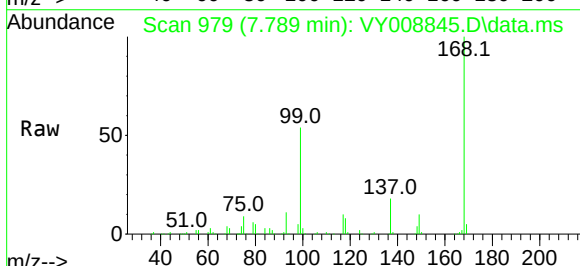
Tgt Ion: 117 Resp: 12547

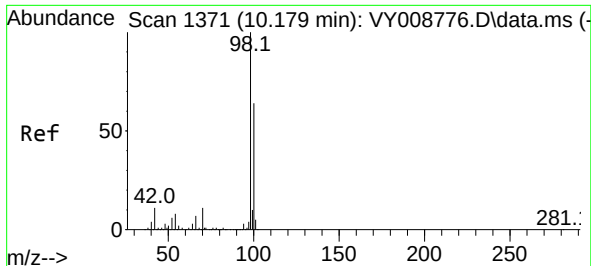
Ion Ratio Lower Upper

117 100

119 6.2 77.9 116.9#

121 0.0 24.8 37.2#

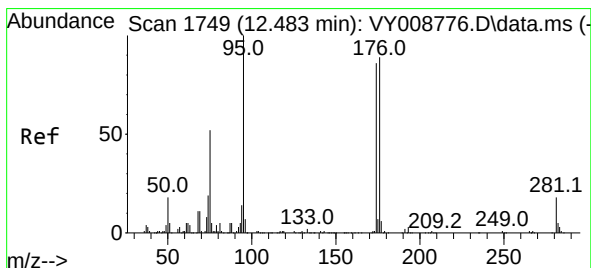
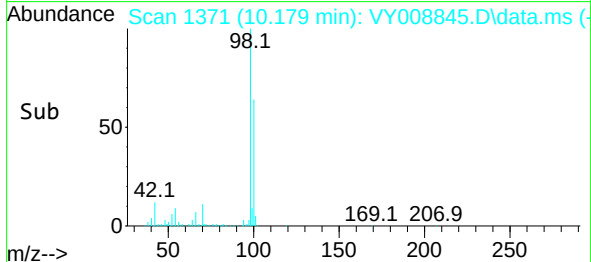
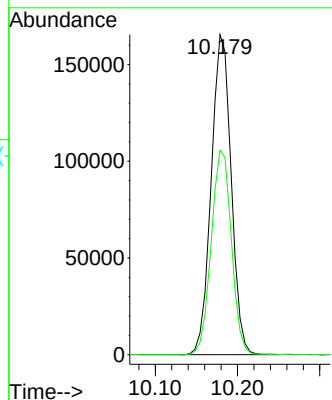
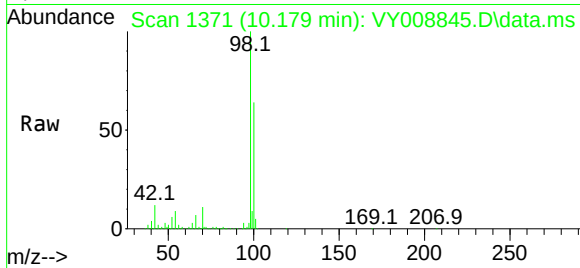




#50
Toluene-d8
Concen: 49.108 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

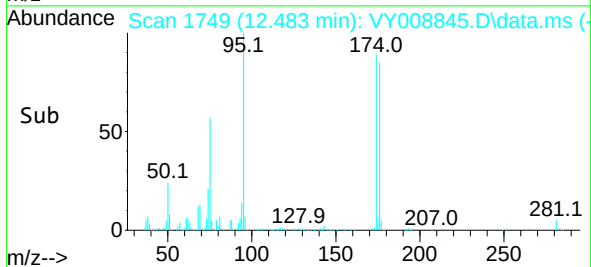
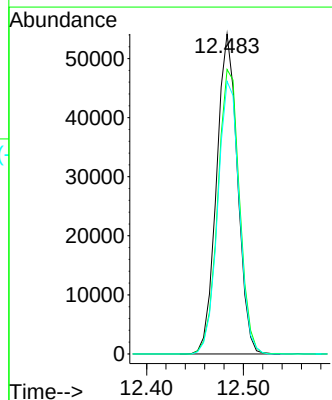
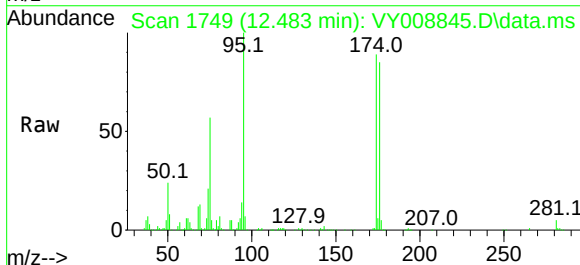
Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-1218-01

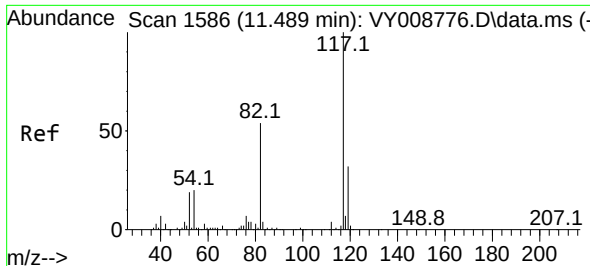
Tgt Ion: 98 Resp: 278285
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.917 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Tgt Ion: 95 Resp: 81470
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 87.2 0.0 175.8

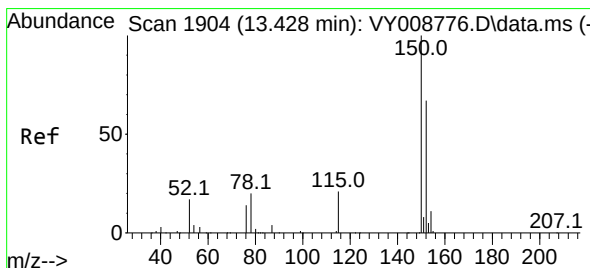
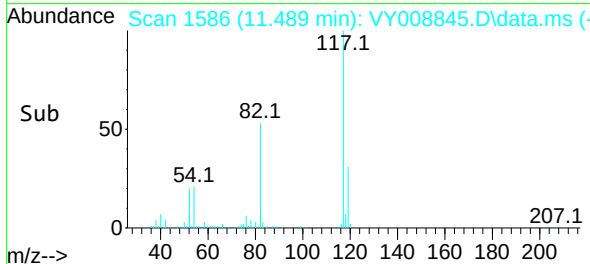
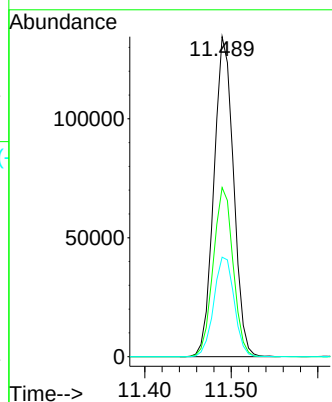
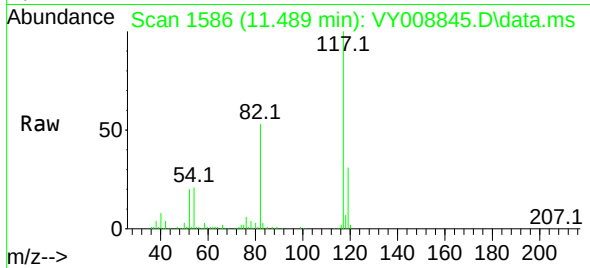




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

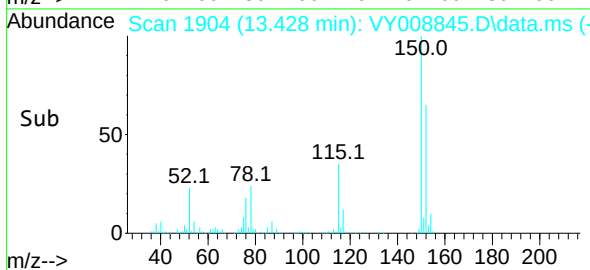
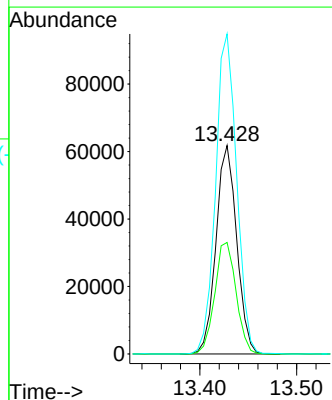
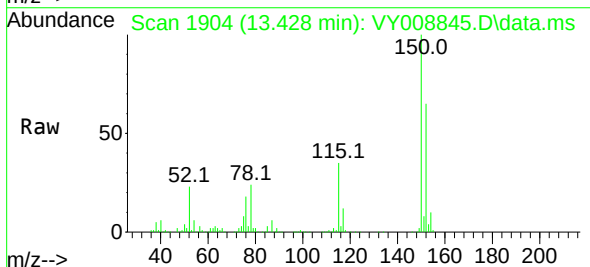
Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-1218-01

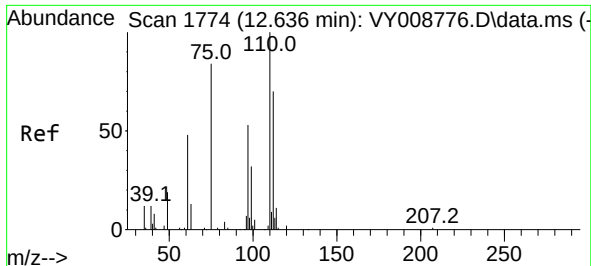
Tgt Ion:117 Resp: 212063
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Tgt Ion:152 Resp: 91846
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 156.0 0.0 347.6

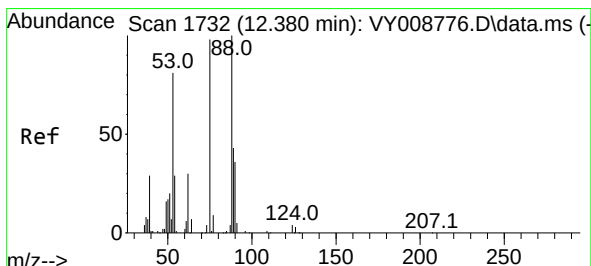
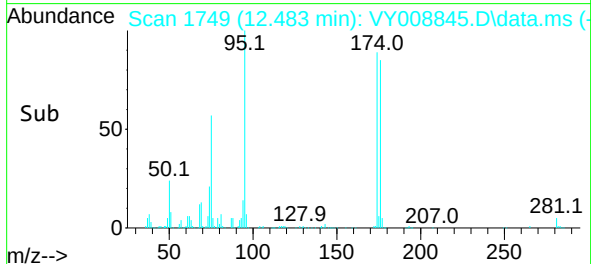
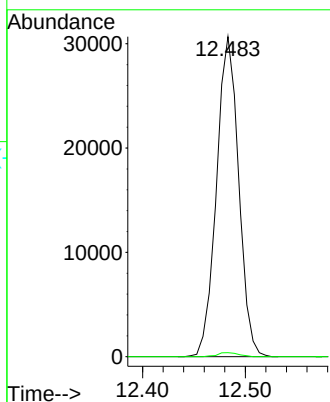
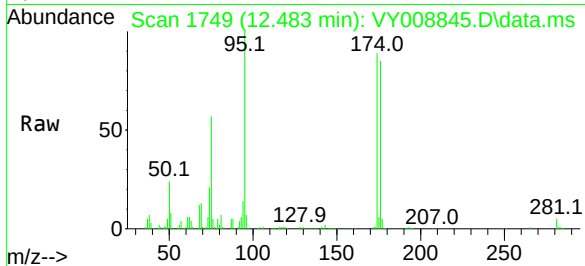




#76
1,2,3-Trichloropropane
Concen: 43.246 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-1218-01

Tgt Ion: 75 Resp: 45882
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.591 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008845.D
Acq: 19 May 2022 04:09

Tgt Ion: 75 Resp: 45882
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#

