

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008821.D
 Acq On : 18 May 2022 18:03
 Operator : KP/MD
 Sample : N2841-14
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P006-SS002-1824-01

Quant Time: May 19 03:12:17 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)

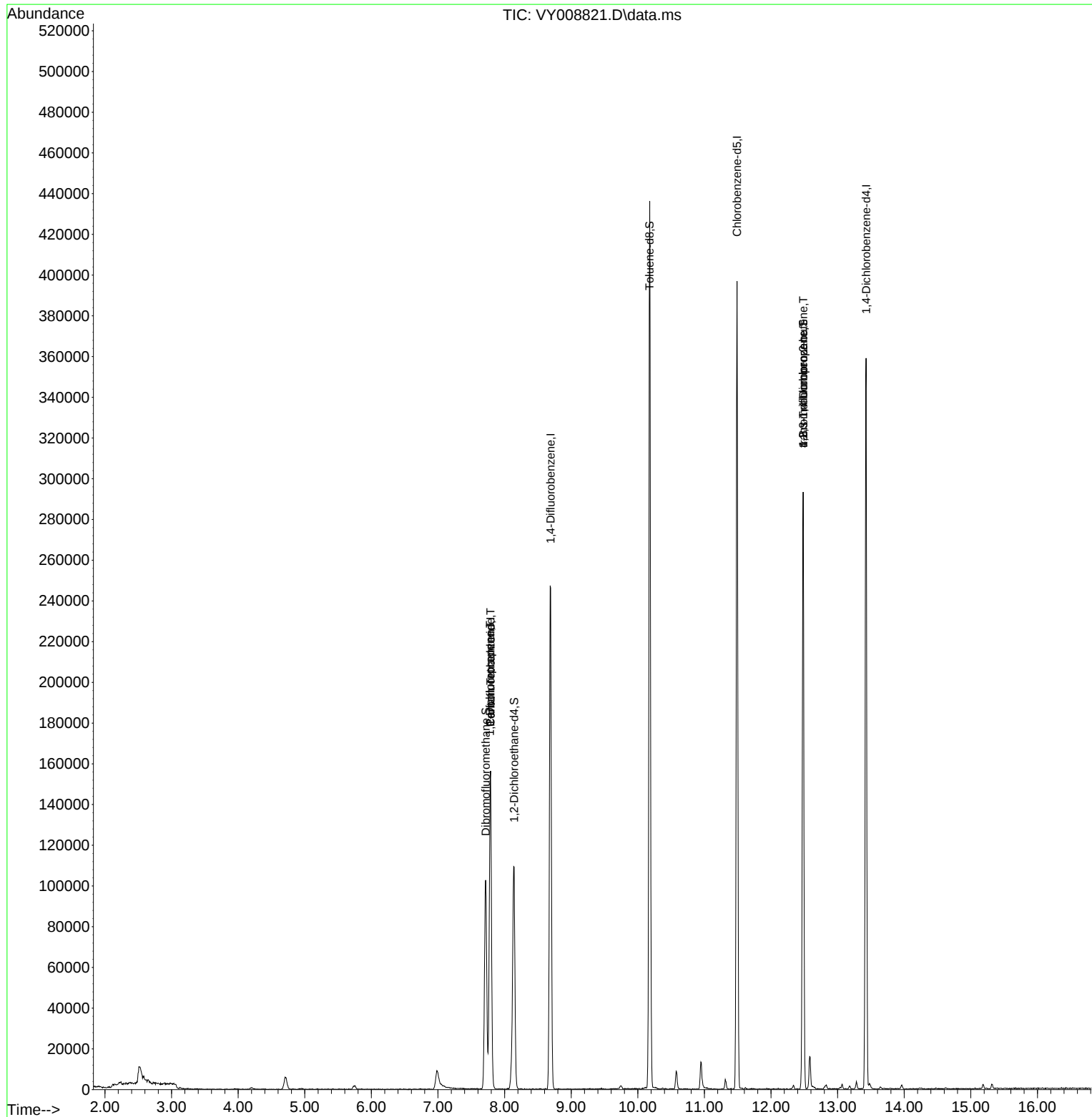
Internal Standards						
1) Pentafluorobenzene	7.789	168	120896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	78795	70.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.500%
35) Dibromofluoromethane	7.715	113	70778	56.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.220%
50) Toluene-d8	10.178	98	271567	48.529	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.483	95	78742	40.092	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	327	Below Cal	#	43
3) Chloromethane	2.107	50	194	Below Cal	#	44
4) Vinyl Chloride	2.259	62	73	Below Cal	#	43
5) Bromomethane	2.643	94	81	Below Cal	#	63
6) Chloroethane	2.729	64	61	Below Cal	#	43
7) Trichlorofluoromethane	3.131	101	210	Below Cal	#	70
16) Acetone	3.942	43	440	Below Cal	#	50
18) Methyl Acetate	4.472	43	44	Below Cal	#	56
20) Methylene Chloride	4.716	84	4672	Below Cal	#	80
31) Cyclohexane	7.783	56	2968	Below Cal	#	25
36) 1,1-Dichloropropene	7.783	75	9700	4.801 ug/l	#	51
38) Carbon Tetrachloride	7.789	117	12127	5.600 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	44781	44.619 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44781	97.594 ug/l	#	7

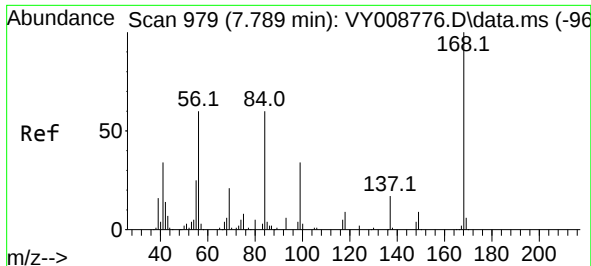
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
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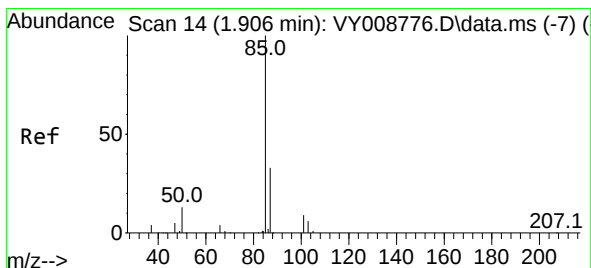
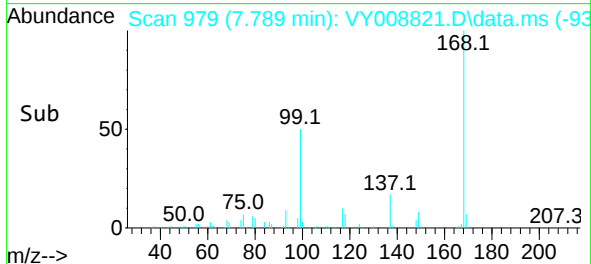
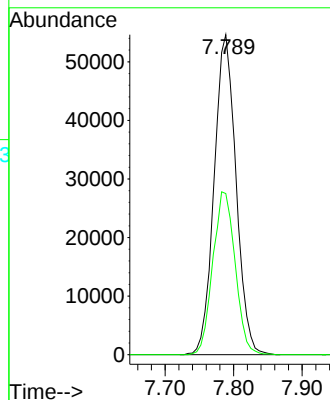
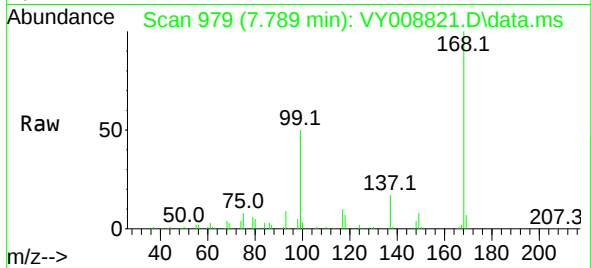




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

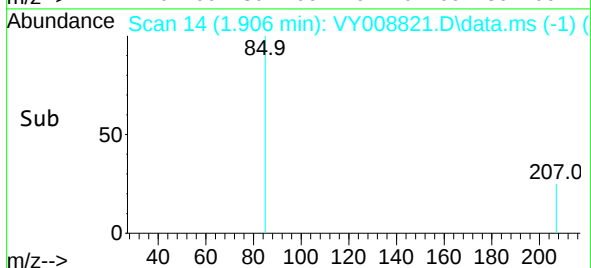
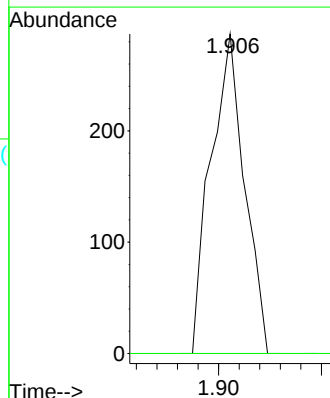
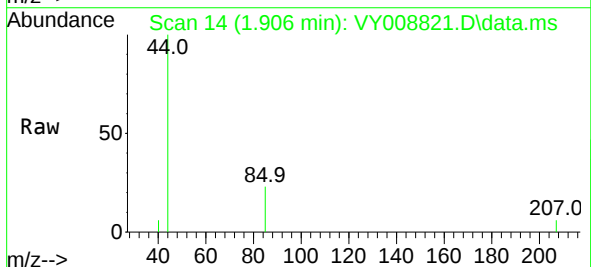
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1824-01

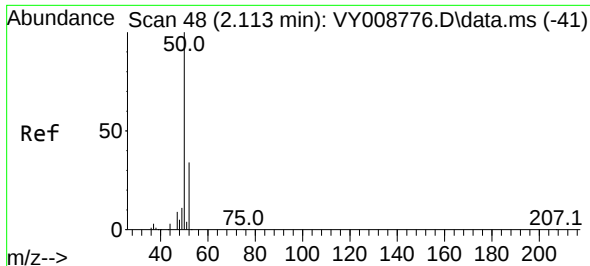
Tgt Ion:168 Resp: 120896
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Tgt Ion: 85 Resp: 327
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

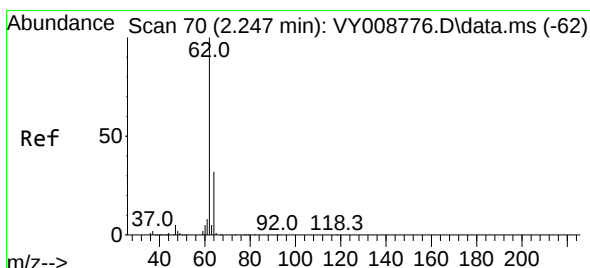
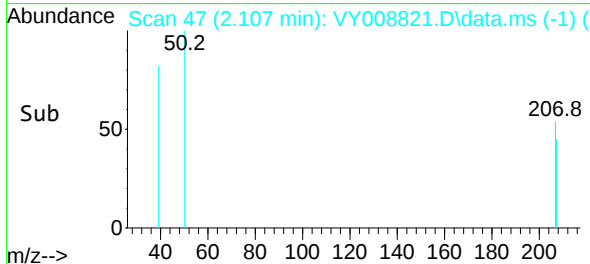
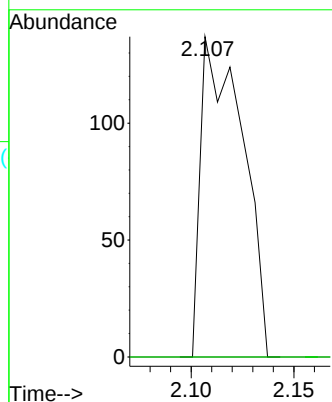
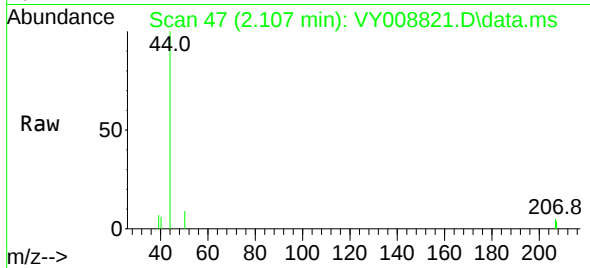




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

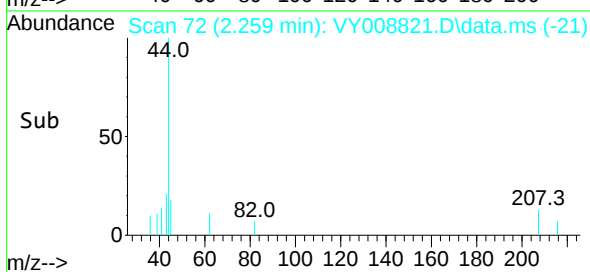
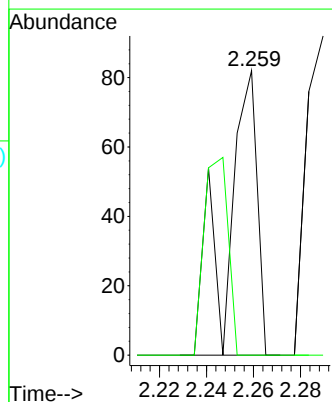
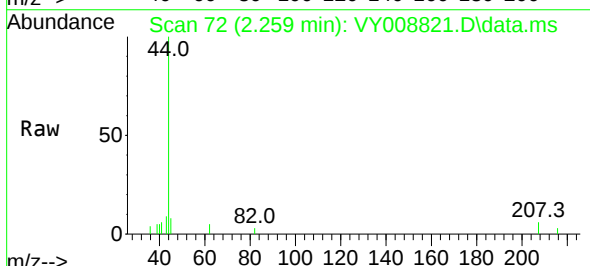
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1824-01

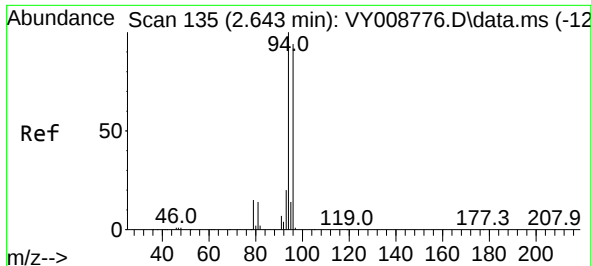
Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Tgt Ion: 62 Resp: 73
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

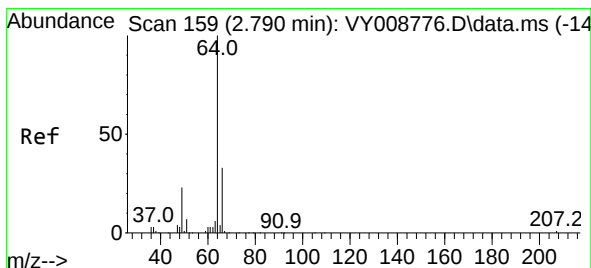
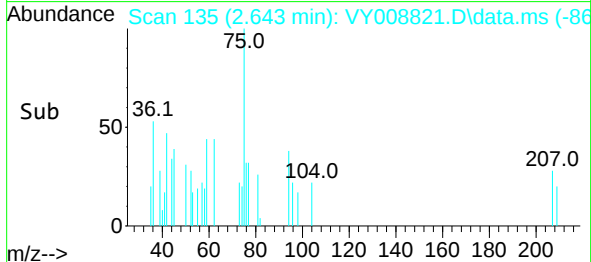
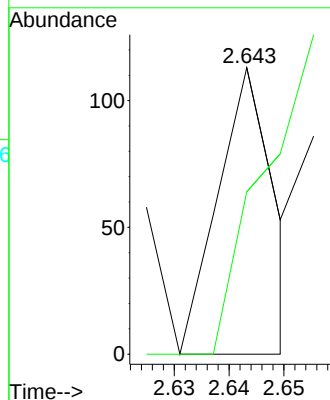
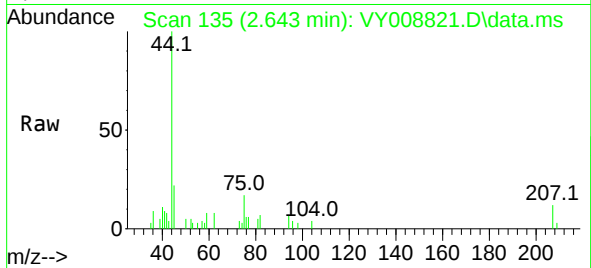




#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

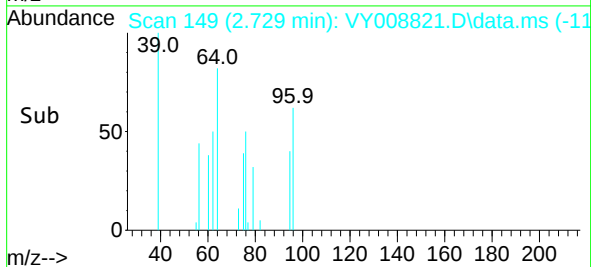
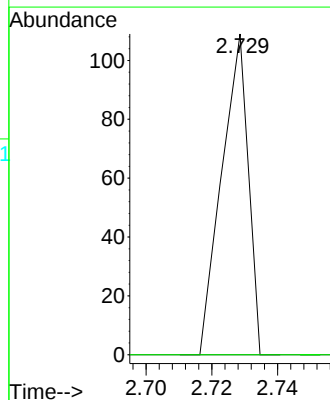
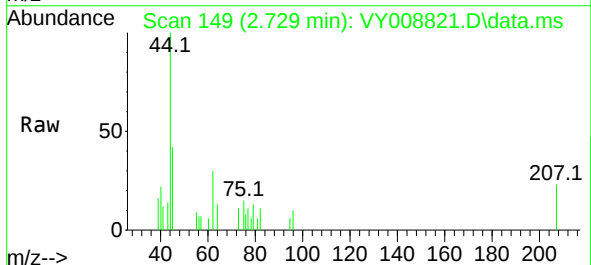
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1824-01

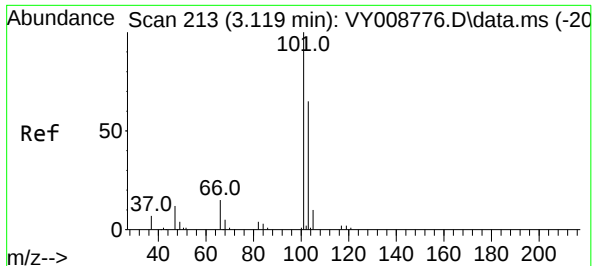
Tgt Ion: 94 Resp: 81
Ion Ratio Lower Upper
94 100
96 56.6 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.729 min Scan# 149
Delta R.T. -0.061 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

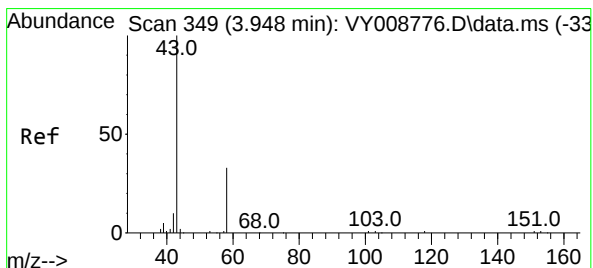
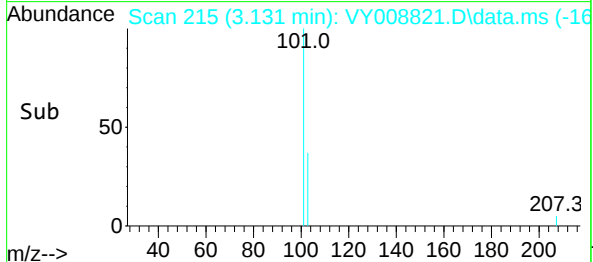
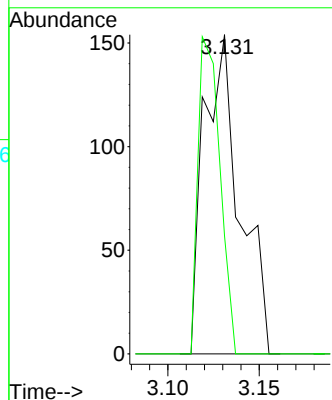
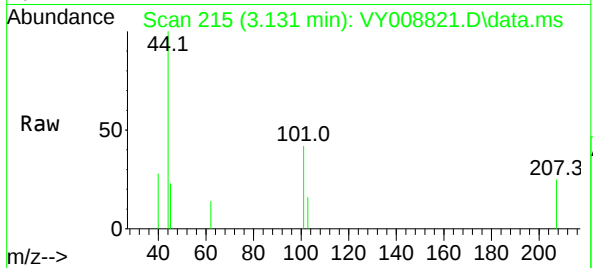




#7
 Trichlorofluoromethane
 Concen: Below Cal
 RT: 3.131 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY008821.D
 Acq: 18 May 2022 18:03

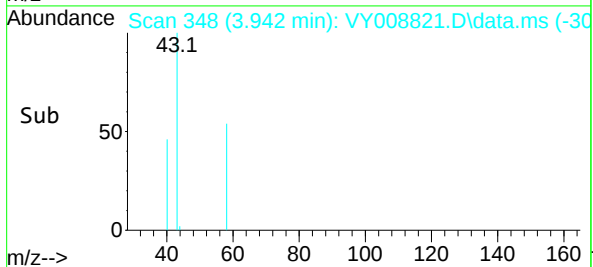
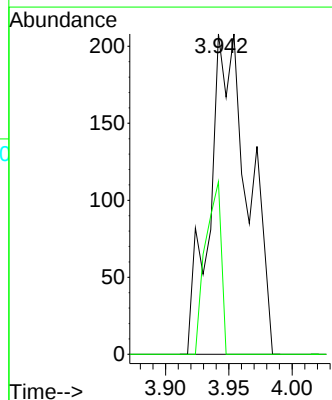
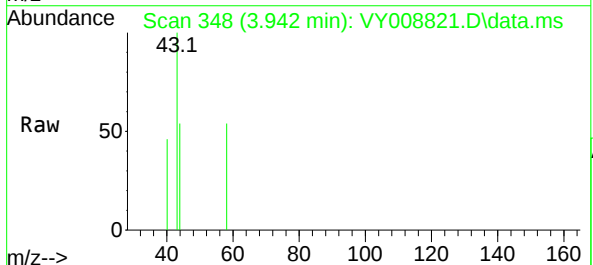
Instrument :
 MSVOA_Y
 ClientSampleId :
 P006-SS002-1824-01

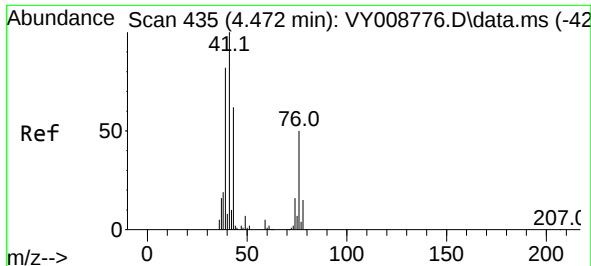
Tgt Ion:101 Resp: 210
 Ion Ratio Lower Upper
 101 100
 103 37.0 48.0 72.0#



#16
 Acetone
 Concen: Below Cal
 RT: 3.942 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VY008821.D
 Acq: 18 May 2022 18:03

Tgt Ion: 43 Resp: 440
 Ion Ratio Lower Upper
 43 100
 58 53.8 22.0 33.0#

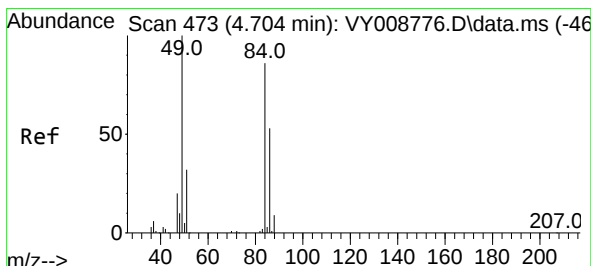
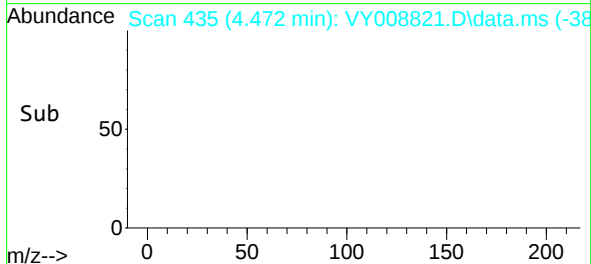
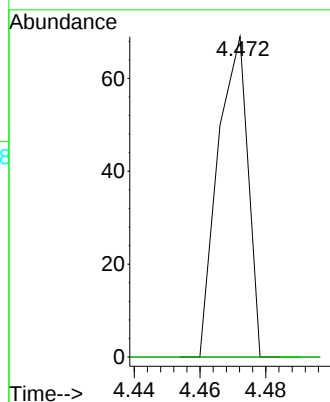
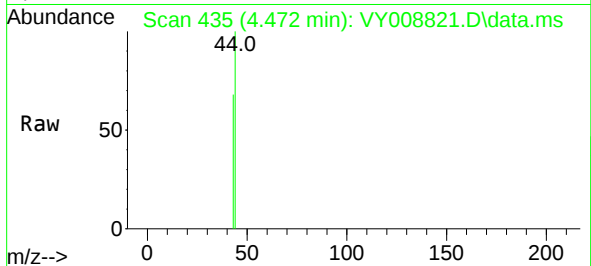




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

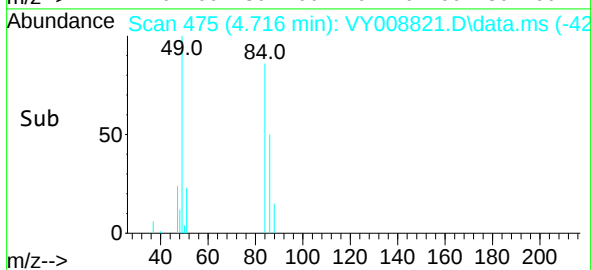
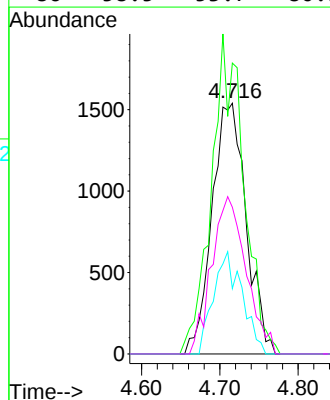
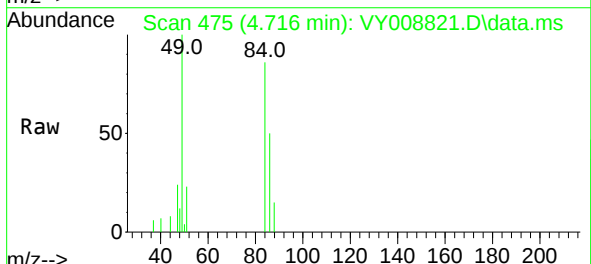
Instrument :
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ClientSampleId :
P006-SS002-1824-01

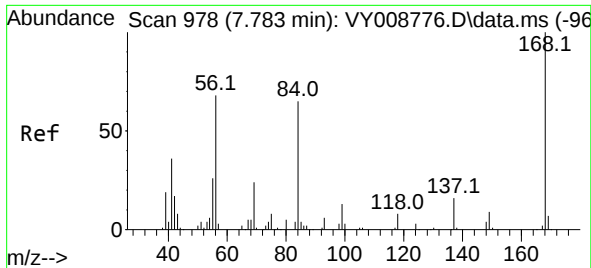
Tgt Ion: 43 Resp: 44
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Tgt Ion: 84 Resp: 4672
Ion Ratio Lower Upper
84 100
49 116.0 114.4 171.6
51 26.1 35.3 52.9#
86 58.5 53.7 80.5

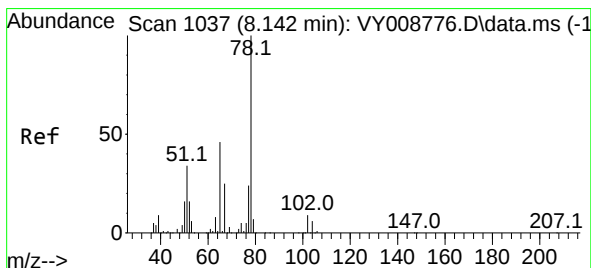
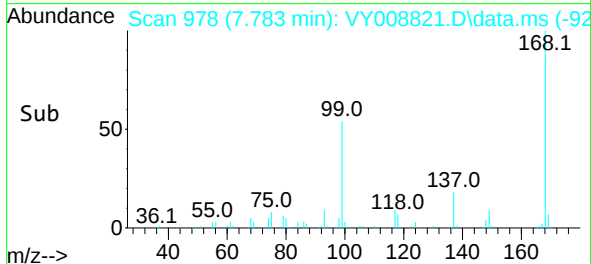
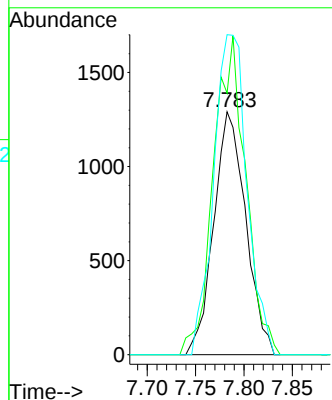
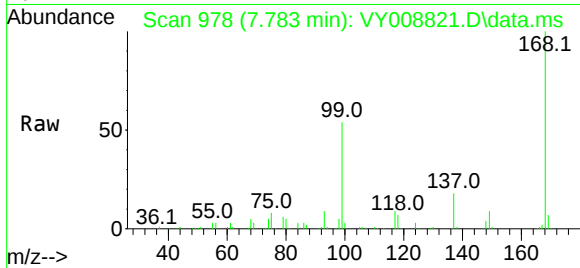




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

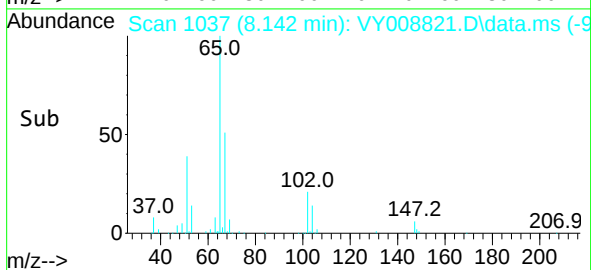
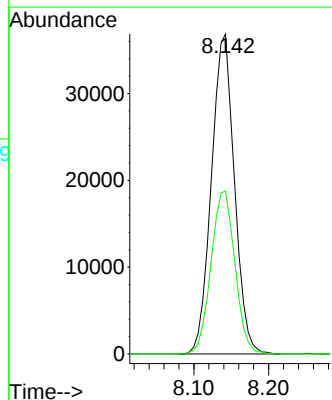
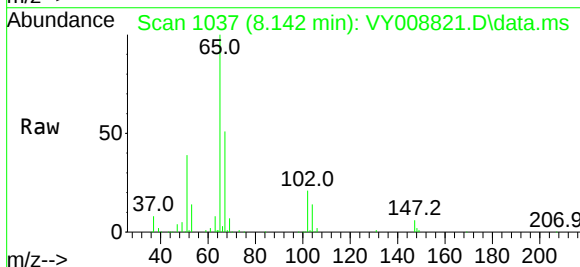
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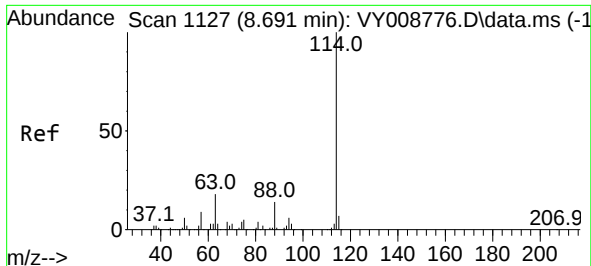
Tgt Ion: 56 Resp: 2968
Ion Ratio Lower Upper
56 100
69 107.7 26.7 40.1#
84 131.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 70.255 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Tgt Ion: 65 Resp: 78795
Ion Ratio Lower Upper
65 100
67 53.0 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: VY008821.D

Acq: 18 May 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

P006-SS002-1824-01

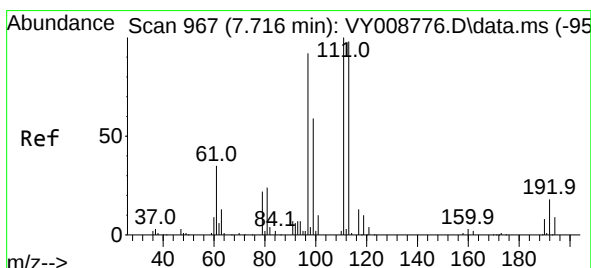
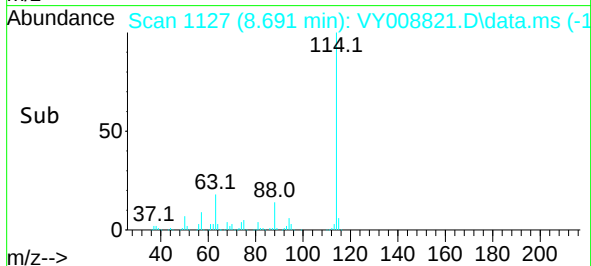
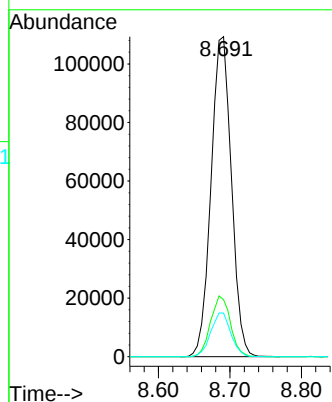
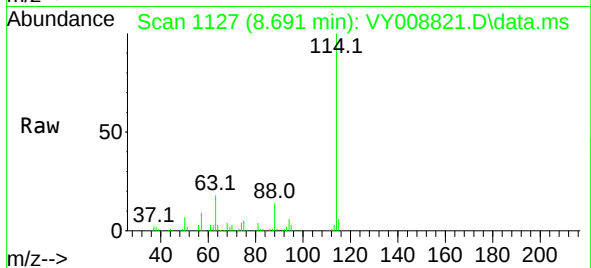
Tgt Ion:114 Resp: 215911

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.105 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008821.D

Acq: 18 May 2022 18:03

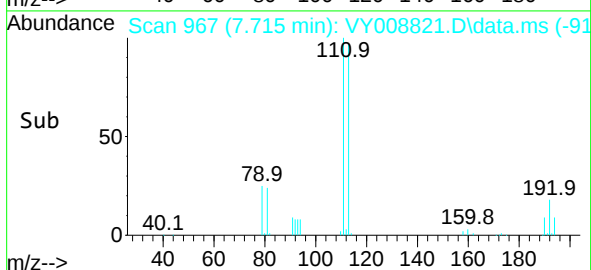
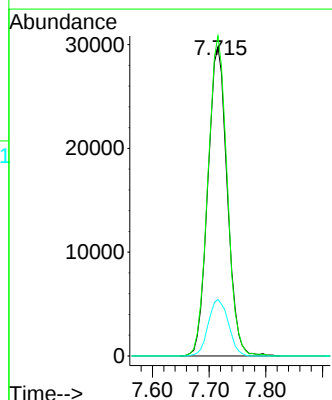
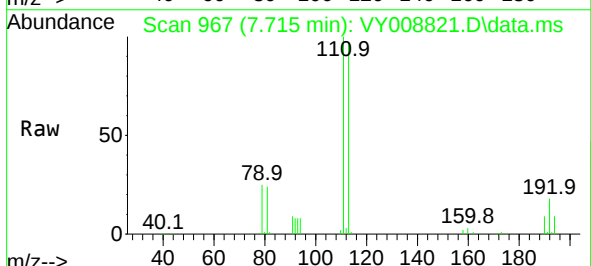
Tgt Ion:113 Resp: 70778

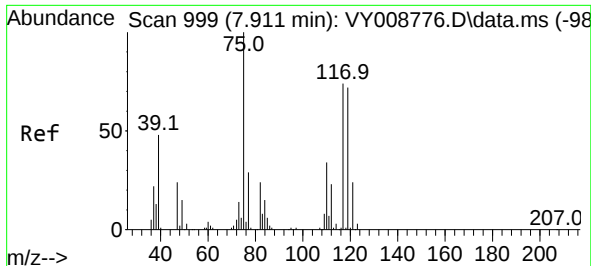
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 18.9 17.6 26.4

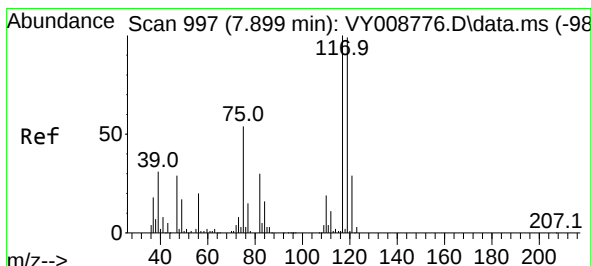
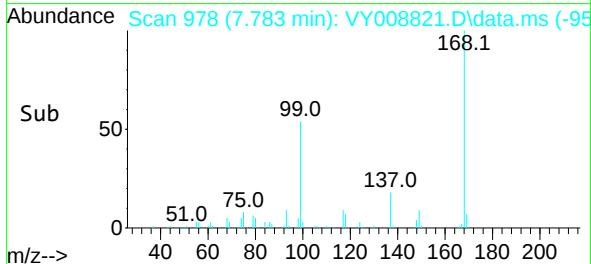
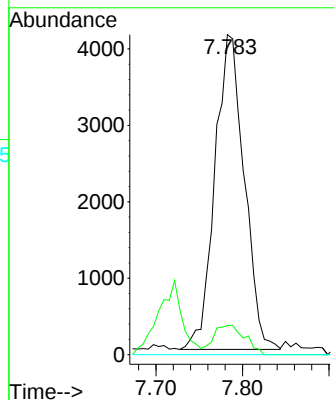
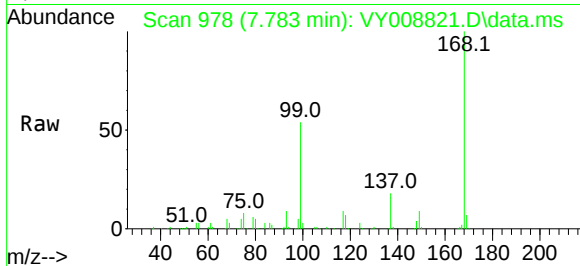




#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY008821.D
 Acq: 18 May 2022 18:03

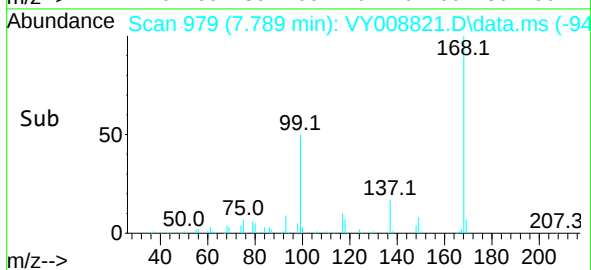
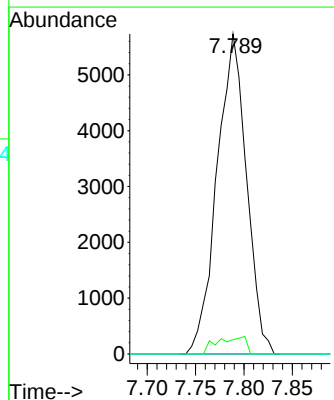
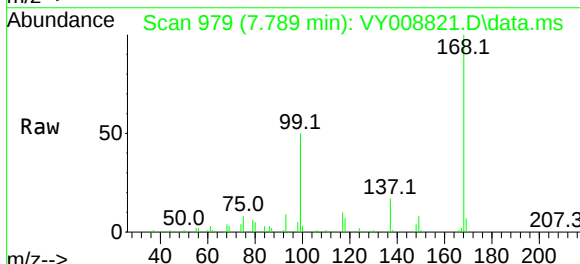
Instrument :
 MSVOA_Y
 ClientSampleId :
 P006-SS002-1824-01

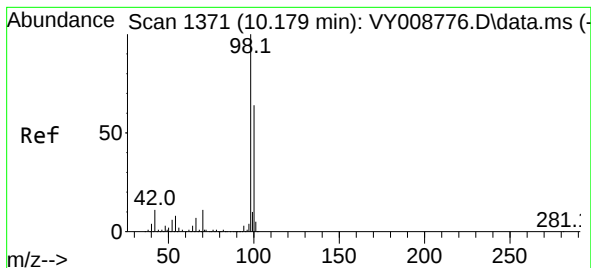
Tgt Ion: 75 Resp: 9700
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.600 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY008821.D
 Acq: 18 May 2022 18:03

Tgt Ion: 117 Resp: 12127
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.9 116.9#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.529 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY008821.D

Acq: 18 May 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

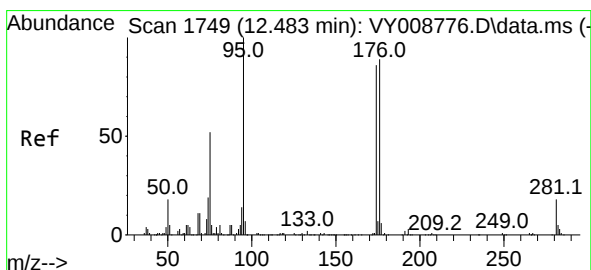
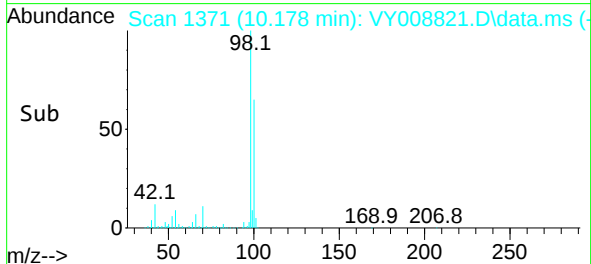
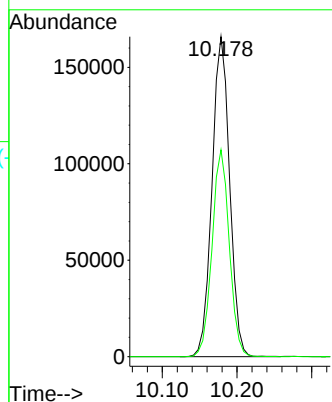
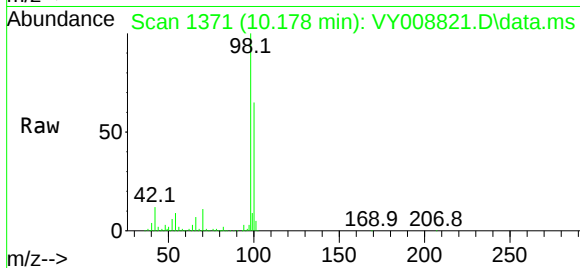
P006-SS002-1824-01

Tgt Ion: 98 Resp: 271567

Ion Ratio Lower Upper

98 100

100 63.3 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 40.092 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY008821.D

Acq: 18 May 2022 18:03

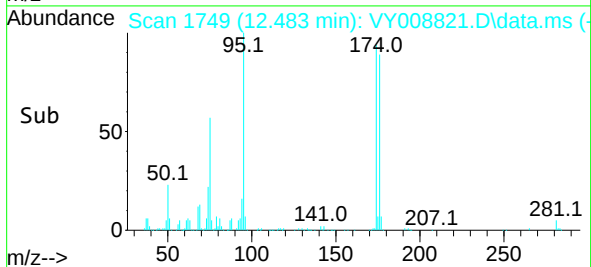
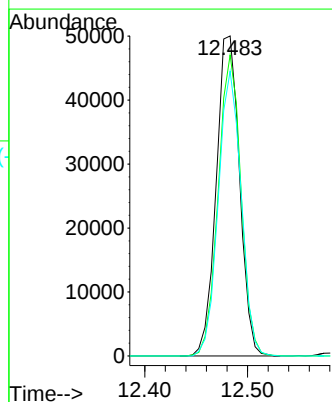
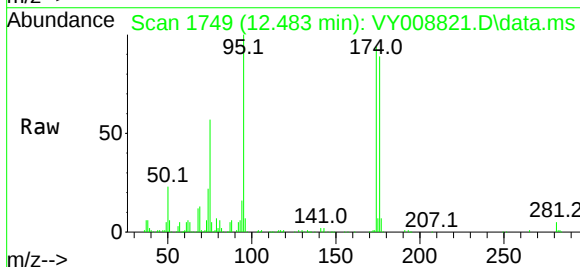
Tgt Ion: 95 Resp: 78742

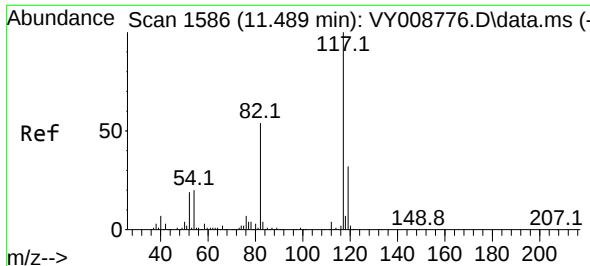
Ion Ratio Lower Upper

95 100

174 91.5 0.0 177.0

176 87.1 0.0 175.8

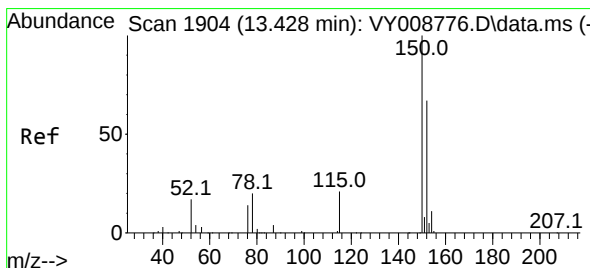
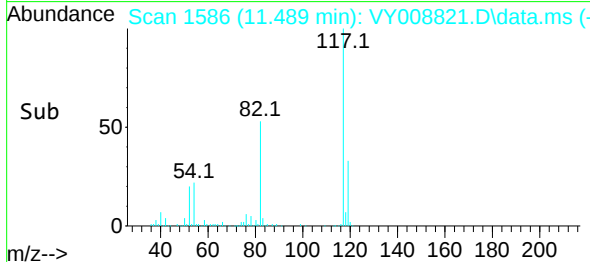
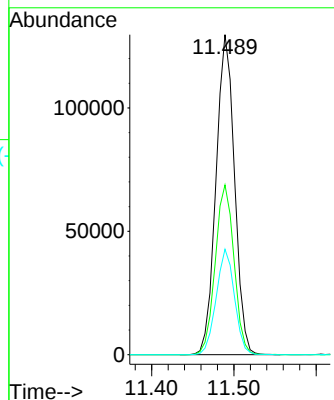
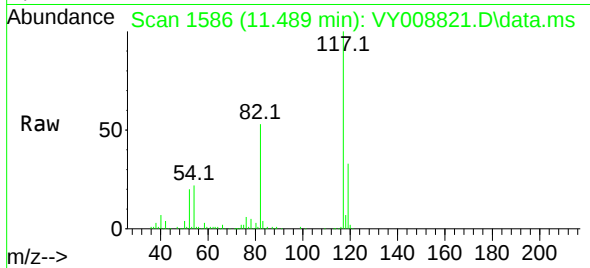




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

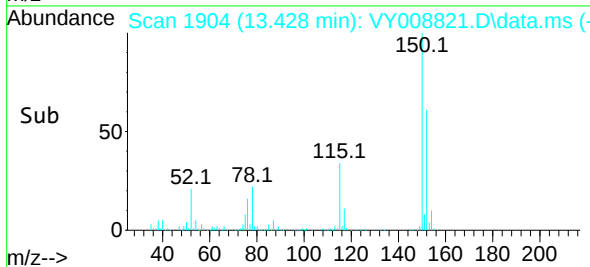
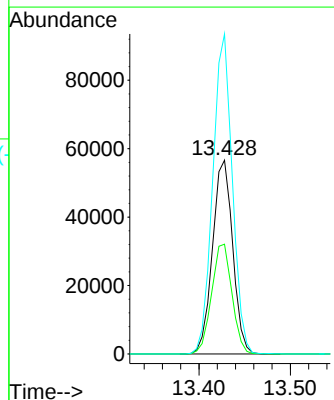
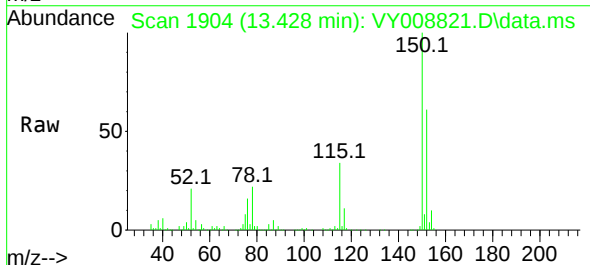
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1824-01

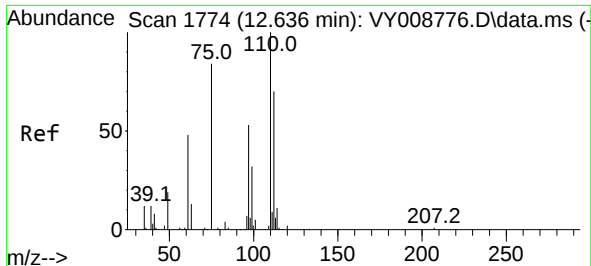
Tgt Ion:117 Resp: 203152
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Tgt Ion:152 Resp: 86884
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 159.7 0.0 347.6

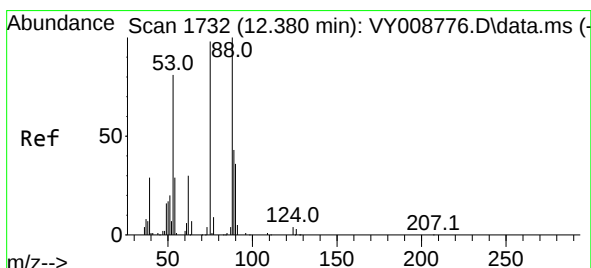
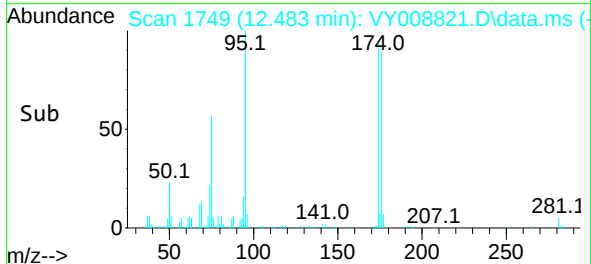
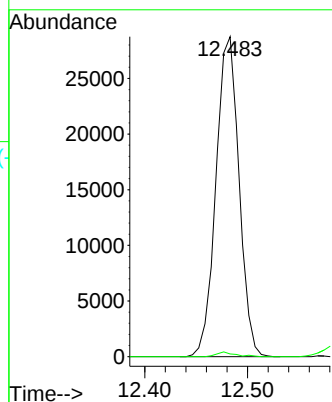
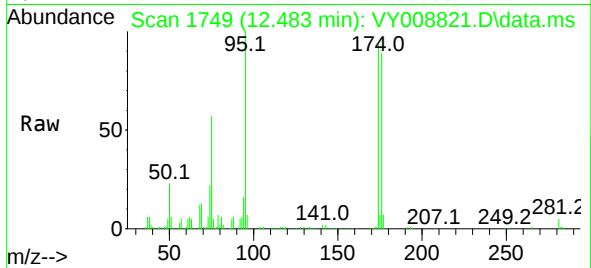




#76
1,2,3-Trichloropropane
Concen: 44.619 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1824-01

Tgt Ion: 75 Resp: 44781
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.594 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Tgt Ion: 75 Resp: 44781
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

