

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008381.D
 Acq On : 18 Apr 2022 18:16
 Operator : KP/MD
 Sample : N2427-07
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Apr 19 06:32:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

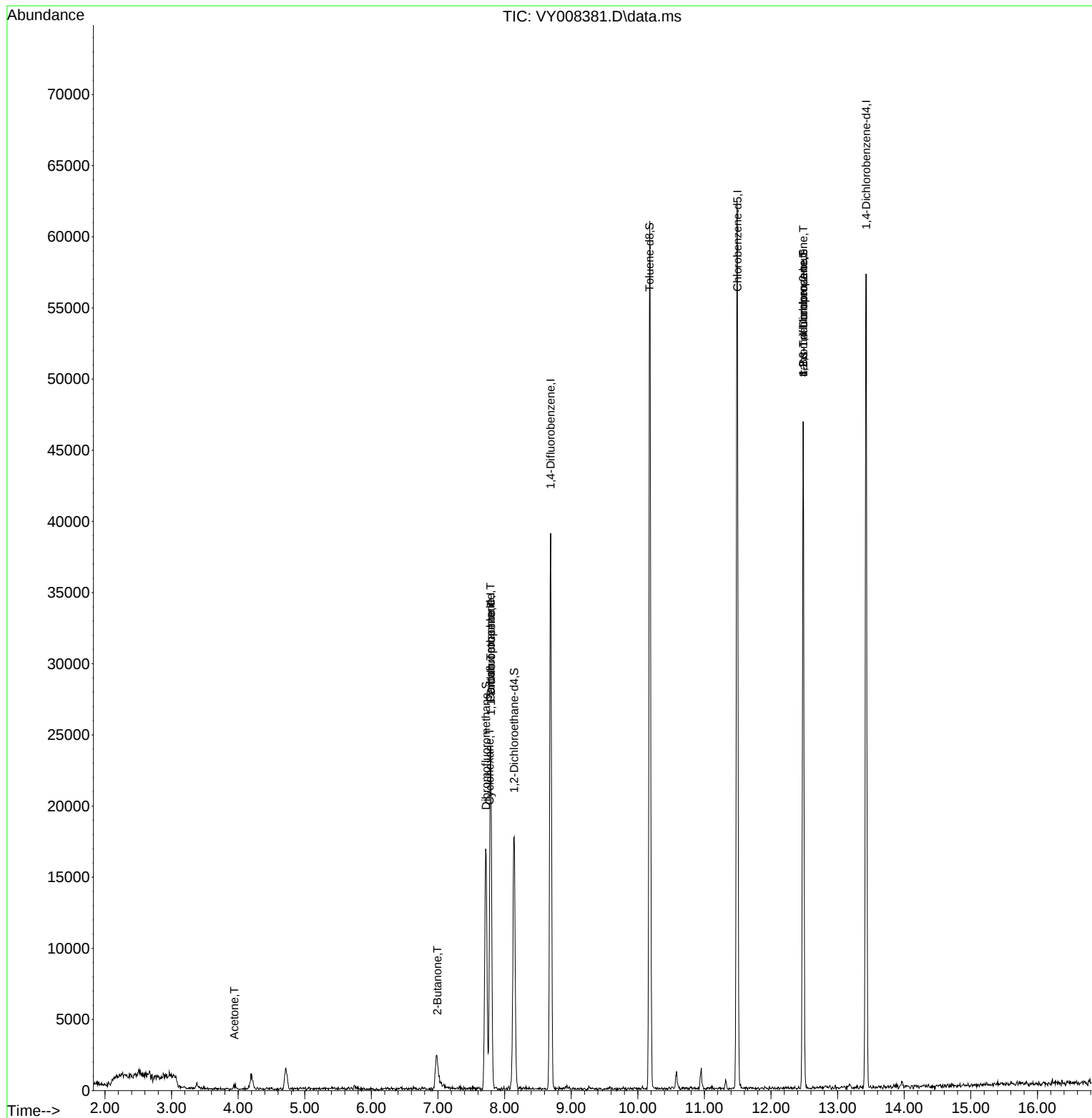
Internal Standards						
1) Pentafluorobenzene	7.789	168	19180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	34481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	34941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13606	75.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.040%	
35) Dibromofluoromethane	7.721	113	12200	61.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.520%	
50) Toluene-d8	10.178	98	41426	60.789	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.580%	
62) 4-Bromofluorobenzene	12.483	95	14110	55.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.100%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	24	Below Cal	#	44
5) Bromomethane	2.674	94	172	Below Cal	#	4
16) Acetone	3.942	43	407	9.392	ug/l #	80
18) Methyl Acetate	4.484	43	22	Below Cal	#	56
20) Methylene Chloride	4.704	84	542	Below Cal	#	78
25) 2-Butanone	6.990	43	79	1.166	ug/l #	54
31) Cyclohexane	7.776	56	345	1.059	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	1604	5.044	ug/l #	44
38) Carbon Tetrachloride	7.789	117	2034	5.945	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	7703	45.997	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7703	102.917	ug/l #	7

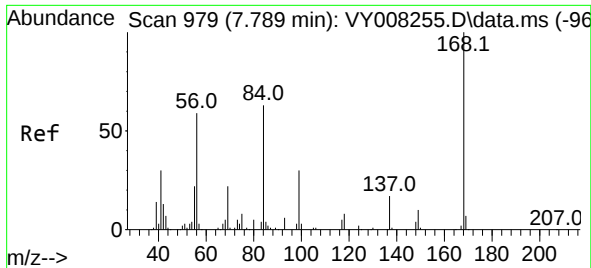
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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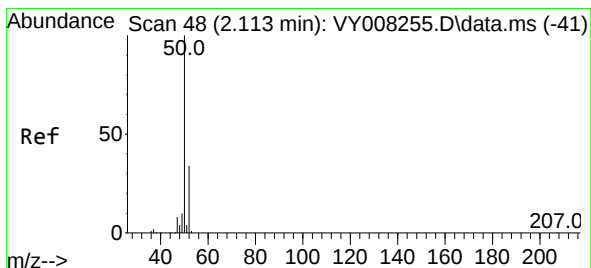
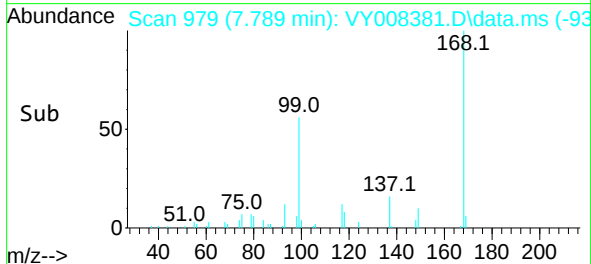
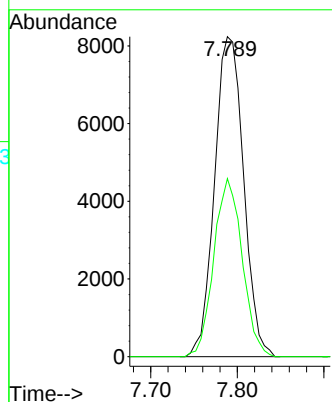
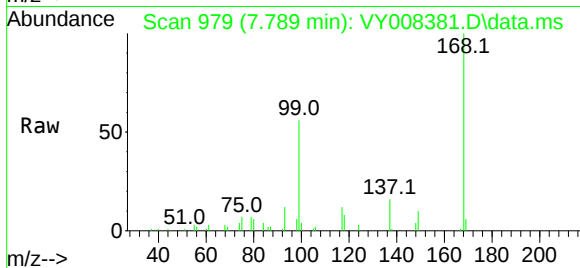




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

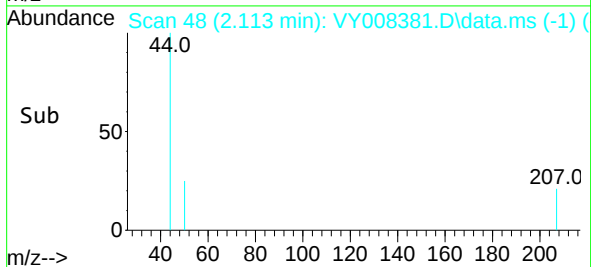
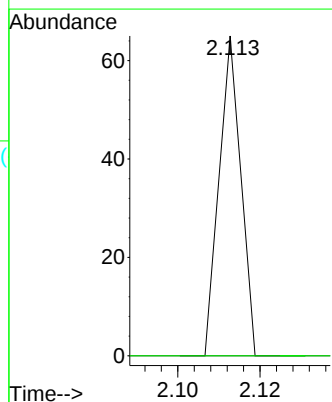
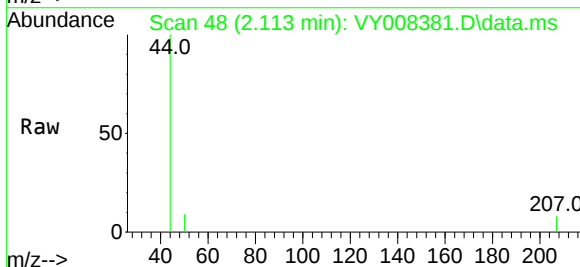
Instrument :
MSVOA_Y
ClientSampleId :
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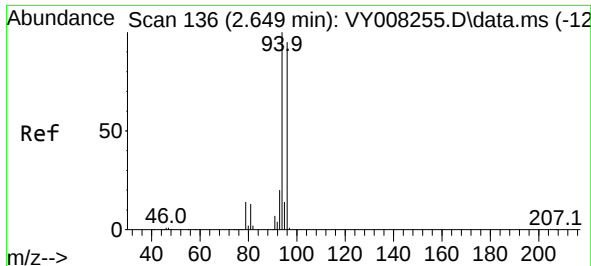
Tgt Ion:168 Resp: 19180
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

Tgt Ion: 50 Resp: 24
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

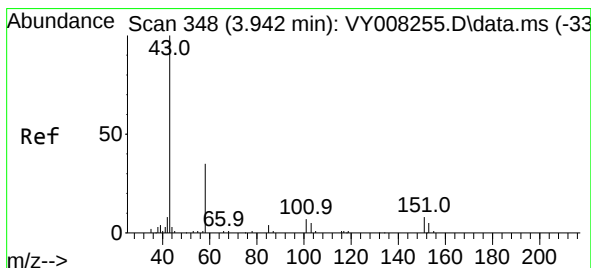
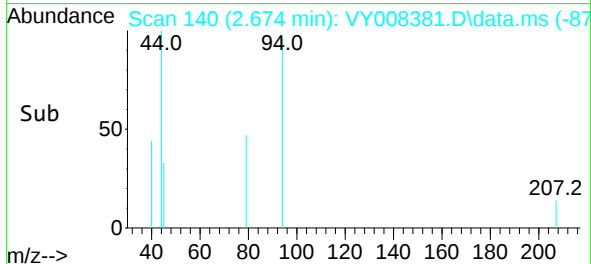
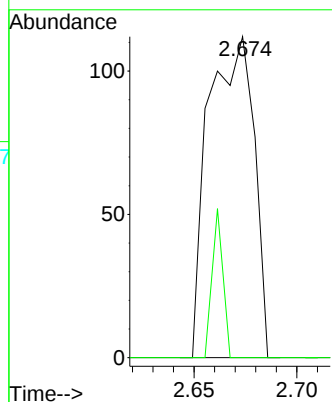
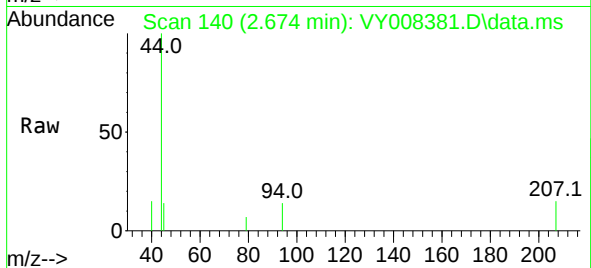




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.025 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

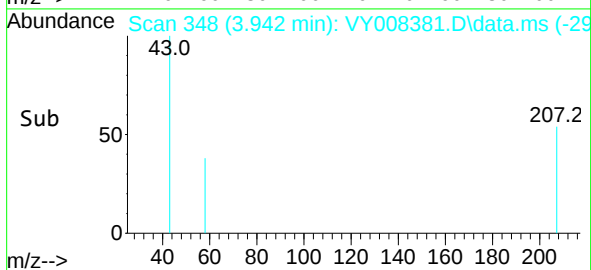
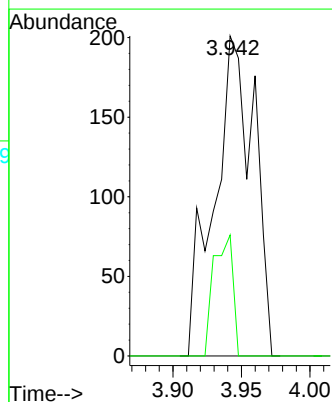
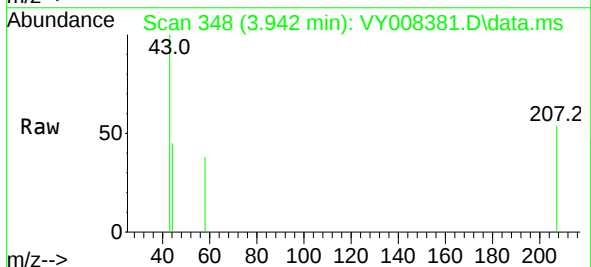
Instrument :
MSVOA_Y
ClientSampleId :
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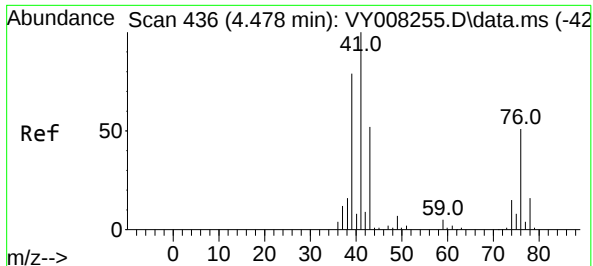
Tgt Ion: 94 Resp: 172
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#16
Acetone
Concen: 9.392 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
58 37.8 22.0 33.0#

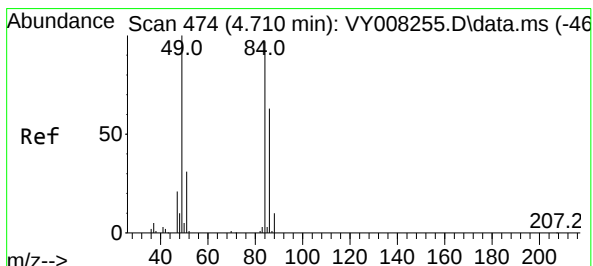
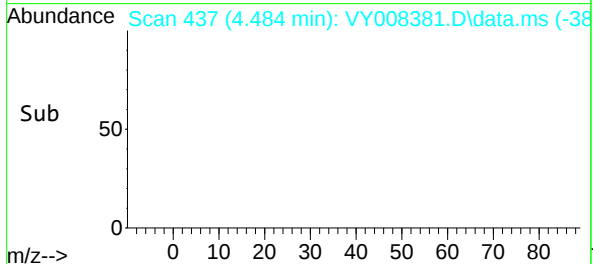
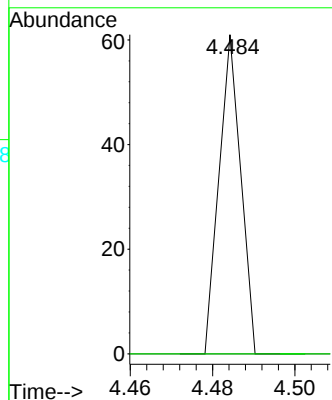
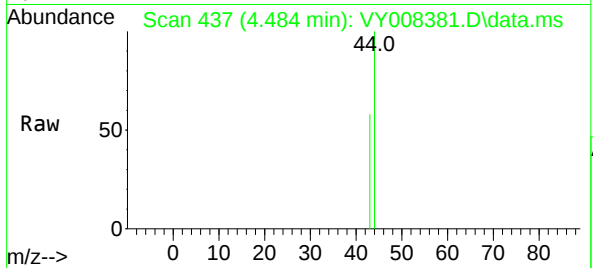




#18
Methyl Acetate
Concen: Below Cal
RT: 4.484 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

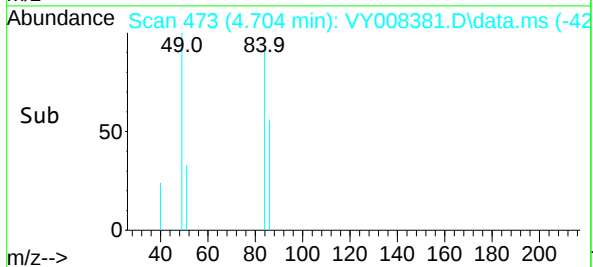
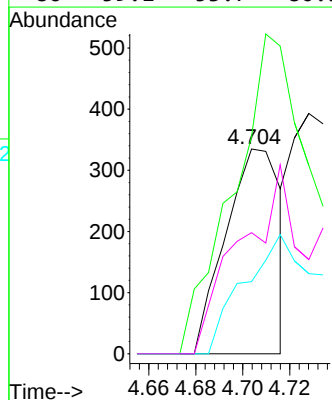
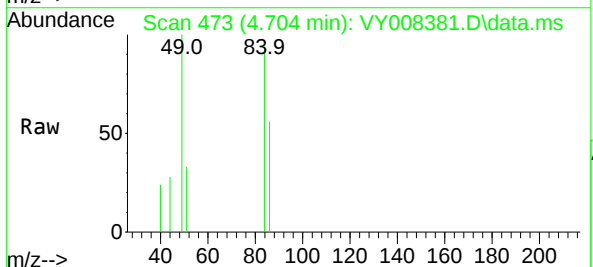
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

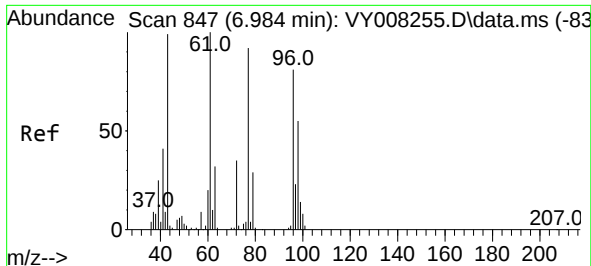
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

Tgt Ion: 84 Resp: 542
Ion Ratio Lower Upper
84 100
49 106.0 114.4 171.6#
51 35.2 35.3 52.9#
86 59.1 53.7 80.5

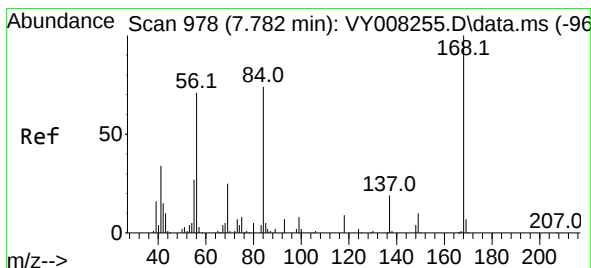
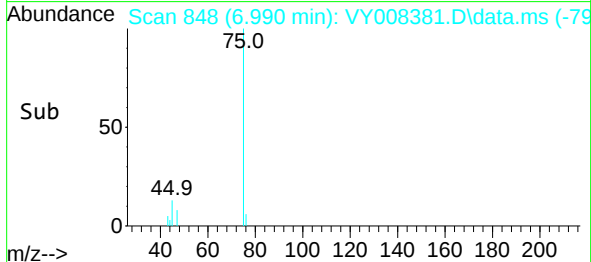
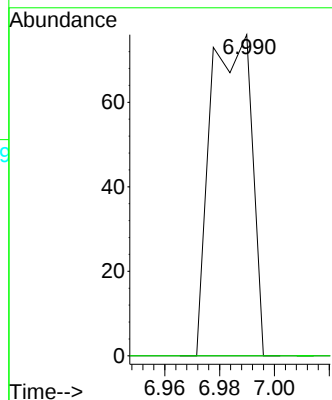
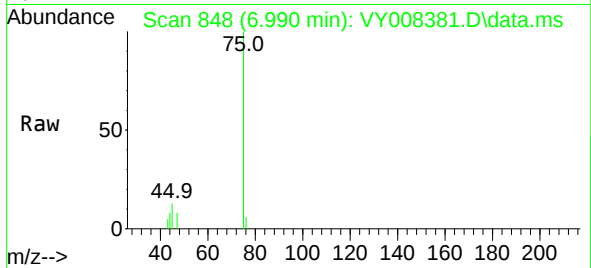




#25
2-Butanone
Concen: 1.166 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

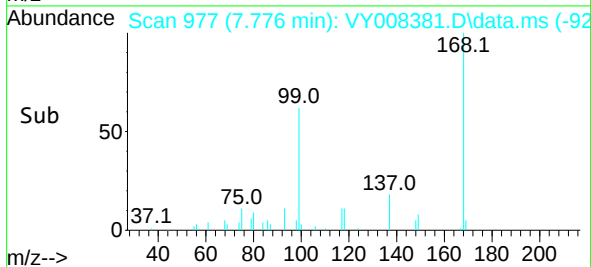
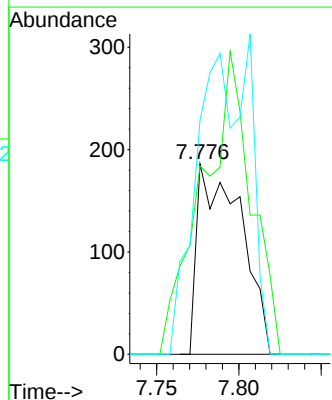
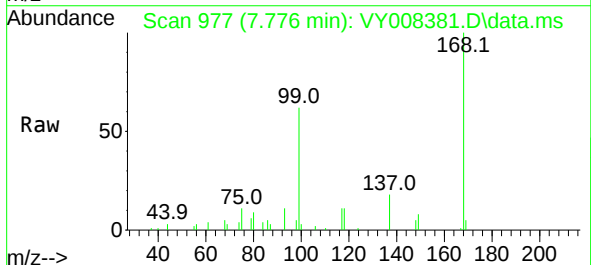
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

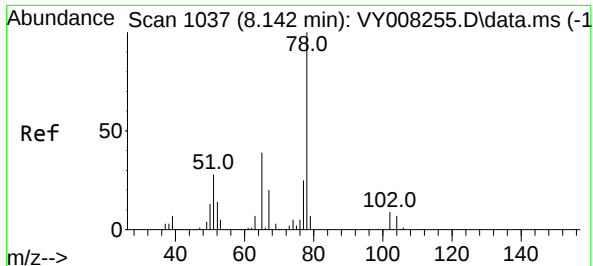
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

Tgt Ion: 56 Resp: 345
Ion Ratio Lower Upper
56 100
69 98.9 26.7 40.1#
84 123.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 75.521 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008381.D

Acq: 18 Apr 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

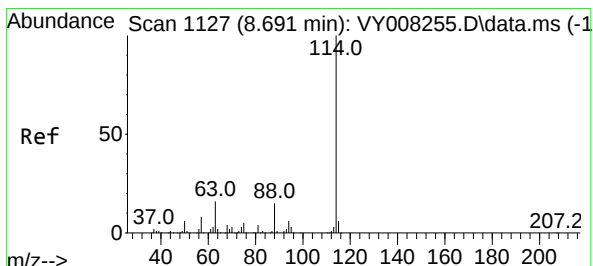
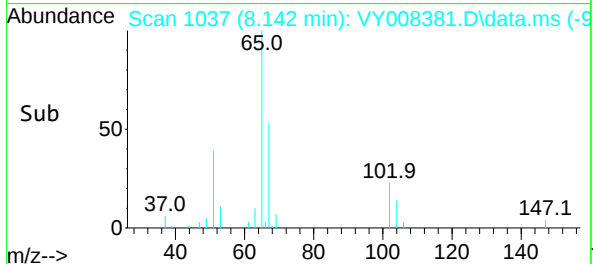
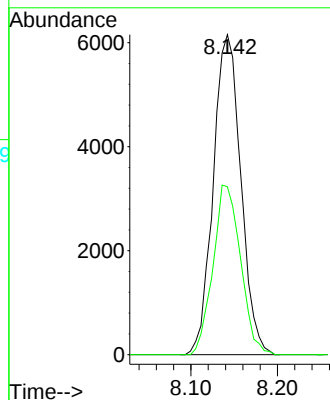
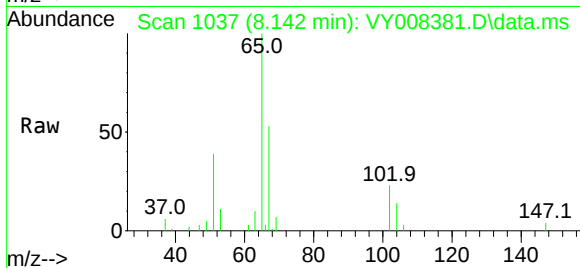
SB-7

Tgt Ion: 65 Resp: 13606

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: VY008381.D

Acq: 18 Apr 2022 18:16

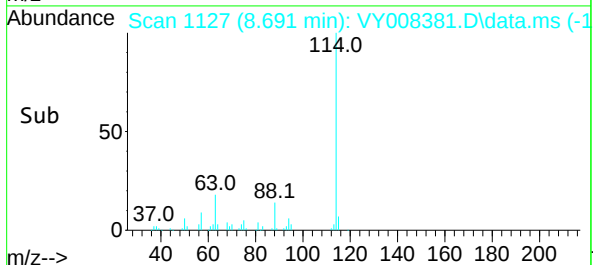
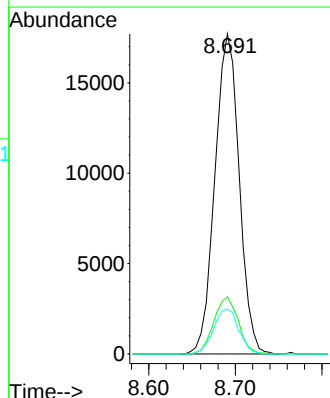
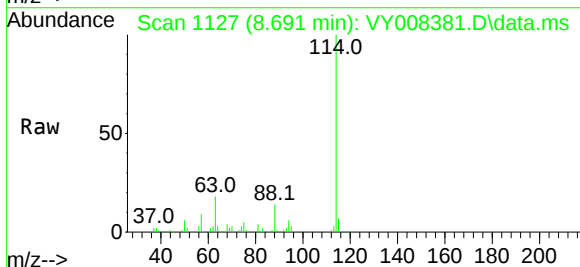
Tgt Ion: 114 Resp: 34481

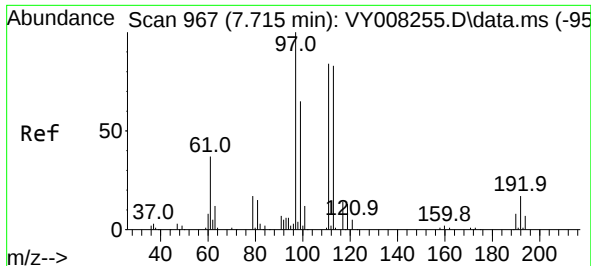
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.1 0.0 31.8

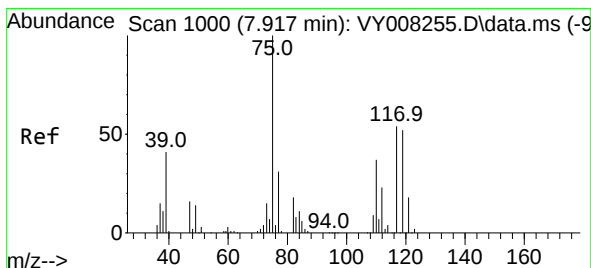
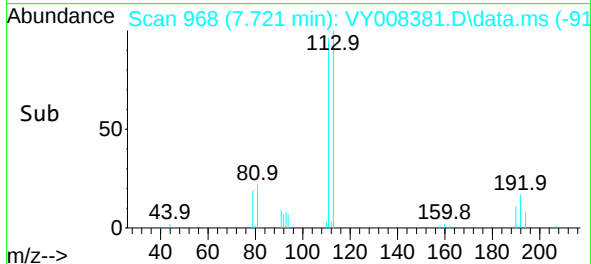
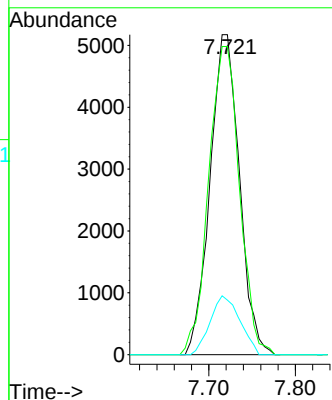
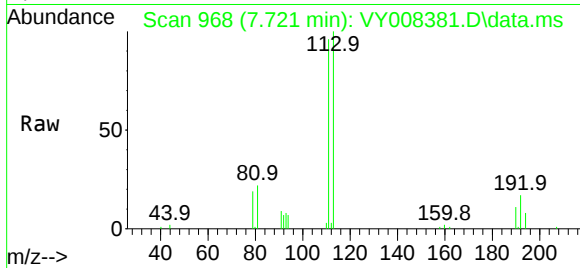




#35
Dibromofluoromethane
Concen: 61.258 ug/l
RT: 7.721 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

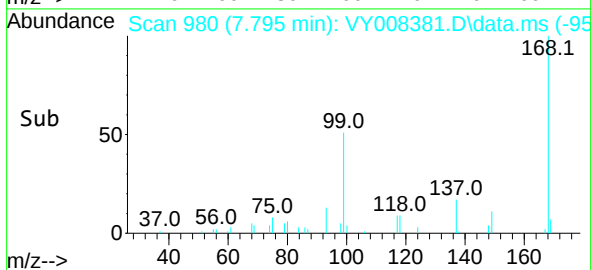
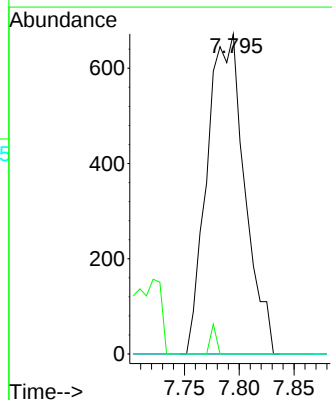
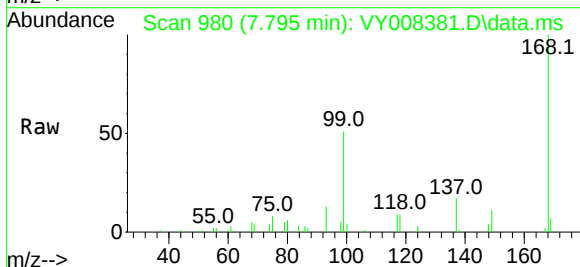
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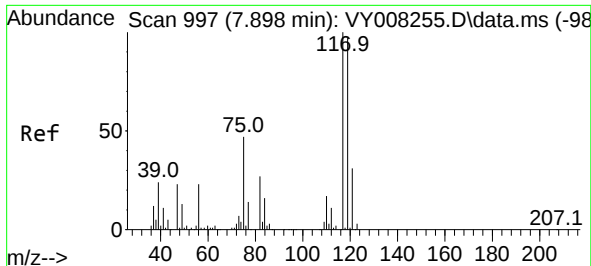
Tgt Ion:113 Resp: 12200
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.044 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

Tgt Ion: 75 Resp: 1604
Ion Ratio Lower Upper
75 100
110 1.4 17.1 51.2#
77 0.0 24.4 36.6#

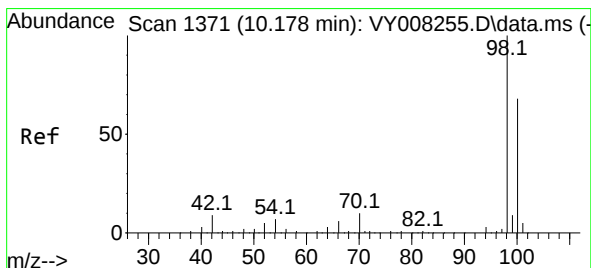
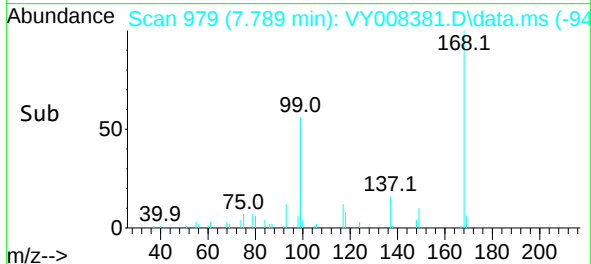
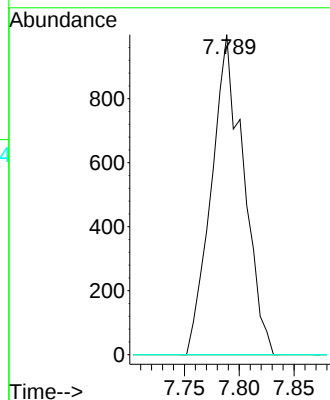
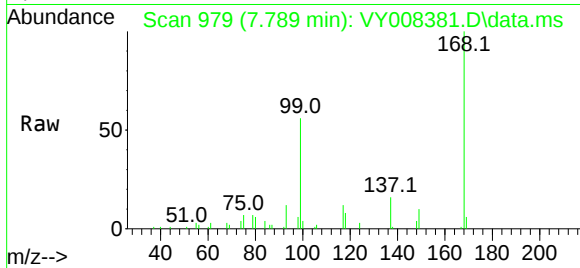




#38
Carbon Tetrachloride
Concen: 5.945 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

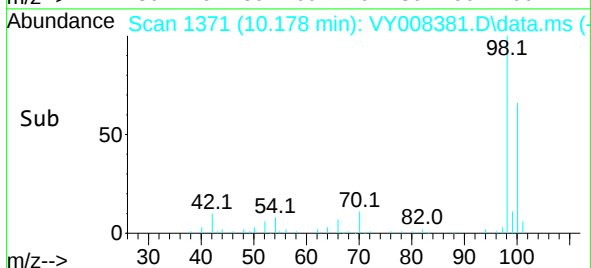
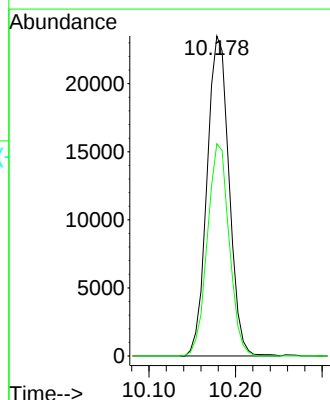
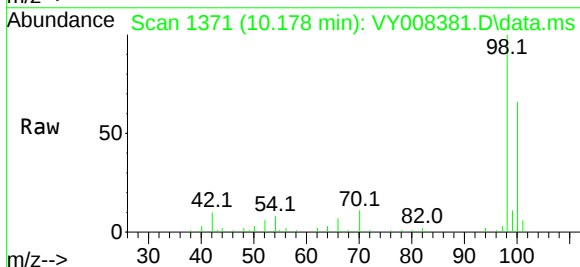
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

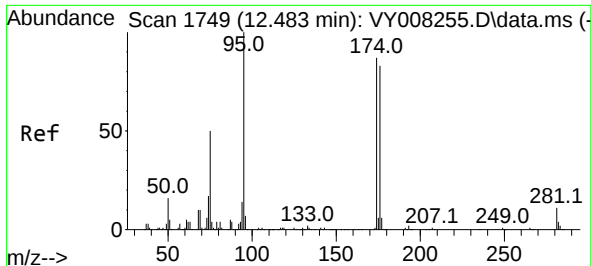
Tgt Ion:117 Resp: 2034
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.789 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

Tgt Ion: 98 Resp: 41426
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

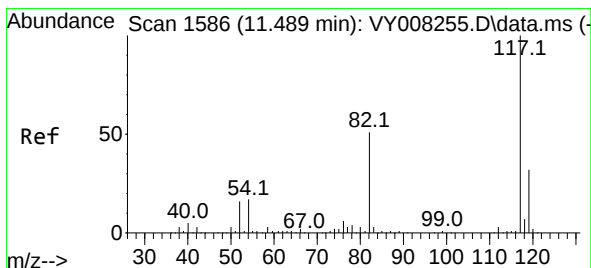
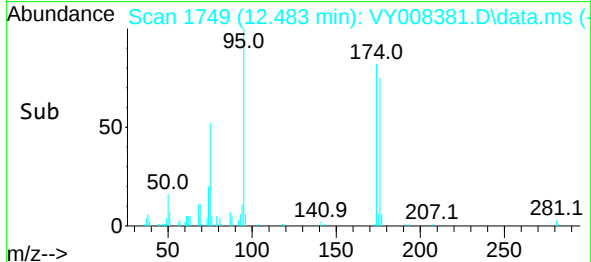
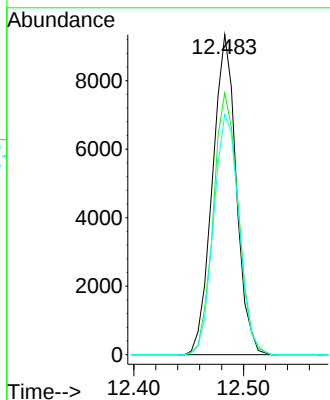
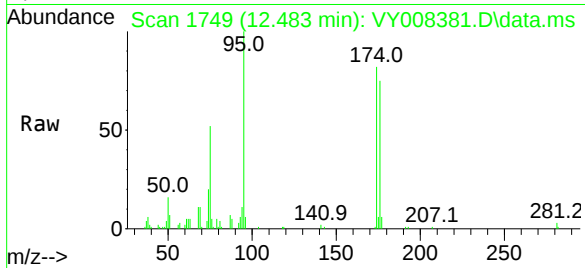




#62
4-Bromofluorobenzene
Concen: 55.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

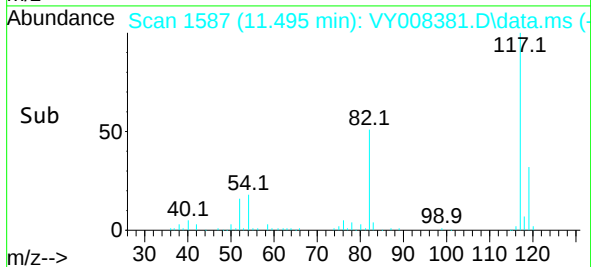
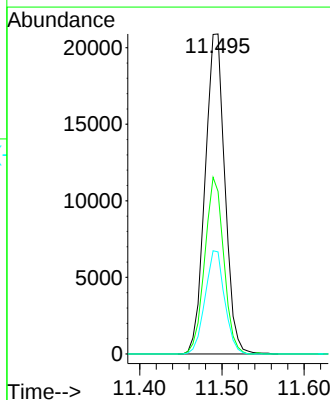
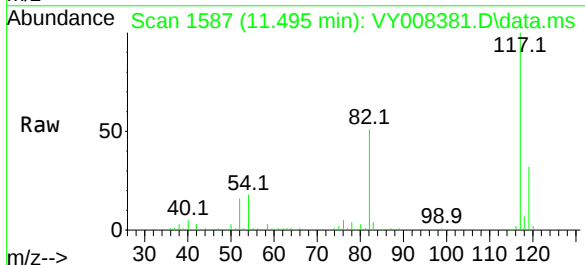
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

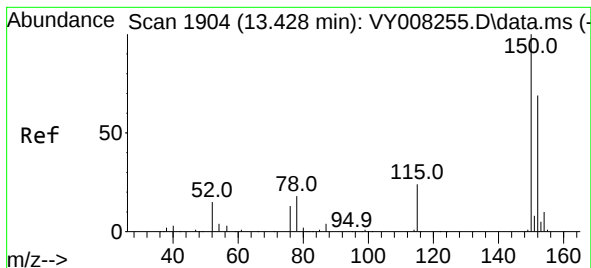
Tgt Ion: 95 Resp: 14110
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 79.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008381.D
Acq: 18 Apr 2022 18:16

Tgt Ion: 117 Resp: 34941
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 31.9 25.4 38.0

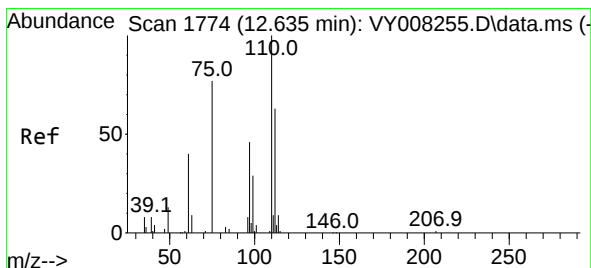
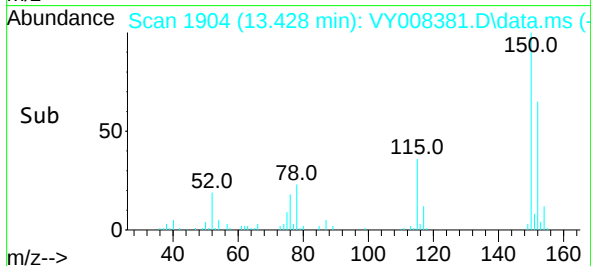
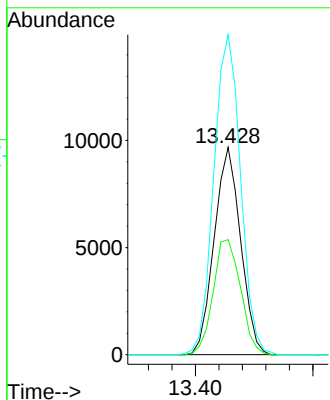
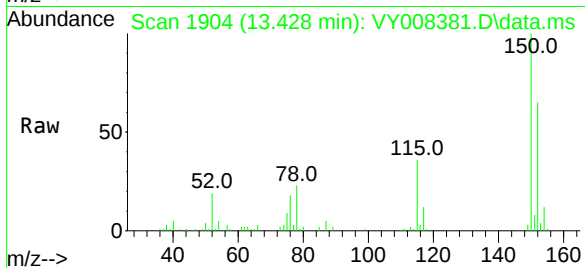




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008381.D
 Acq: 18 Apr 2022 18:16

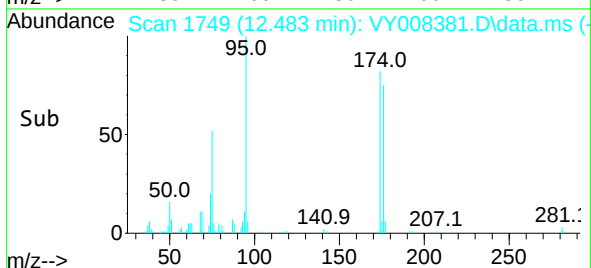
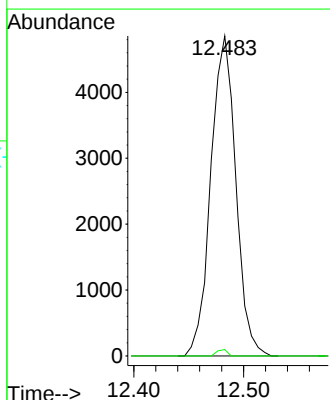
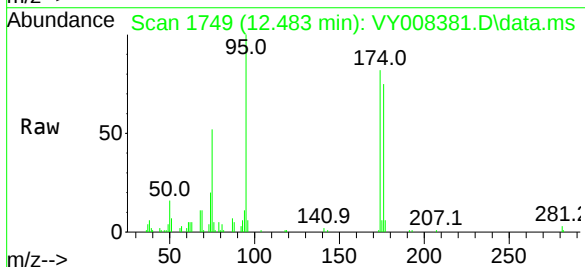
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

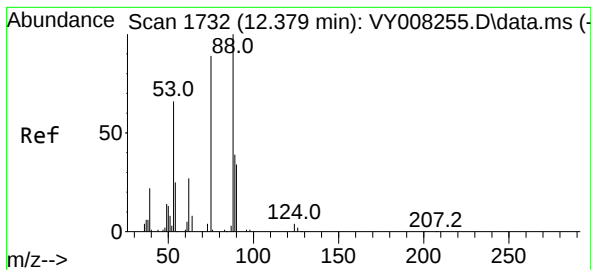
Tgt Ion:152 Resp: 15142
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.2 84.7
 150 155.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.997 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008381.D
 Acq: 18 Apr 2022 18:16

Tgt Ion: 75 Resp: 7703
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.917 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008381.D
 Acq: 18 Apr 2022 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Tgt Ion: 75 Resp: 7703
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

