

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011826.D
 Acq On : 14 Dec 2022 05:01
 Operator : KP/MD
 Sample : N6037-22
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-27-(5-7)

Quant Time: Dec 14 05:38:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

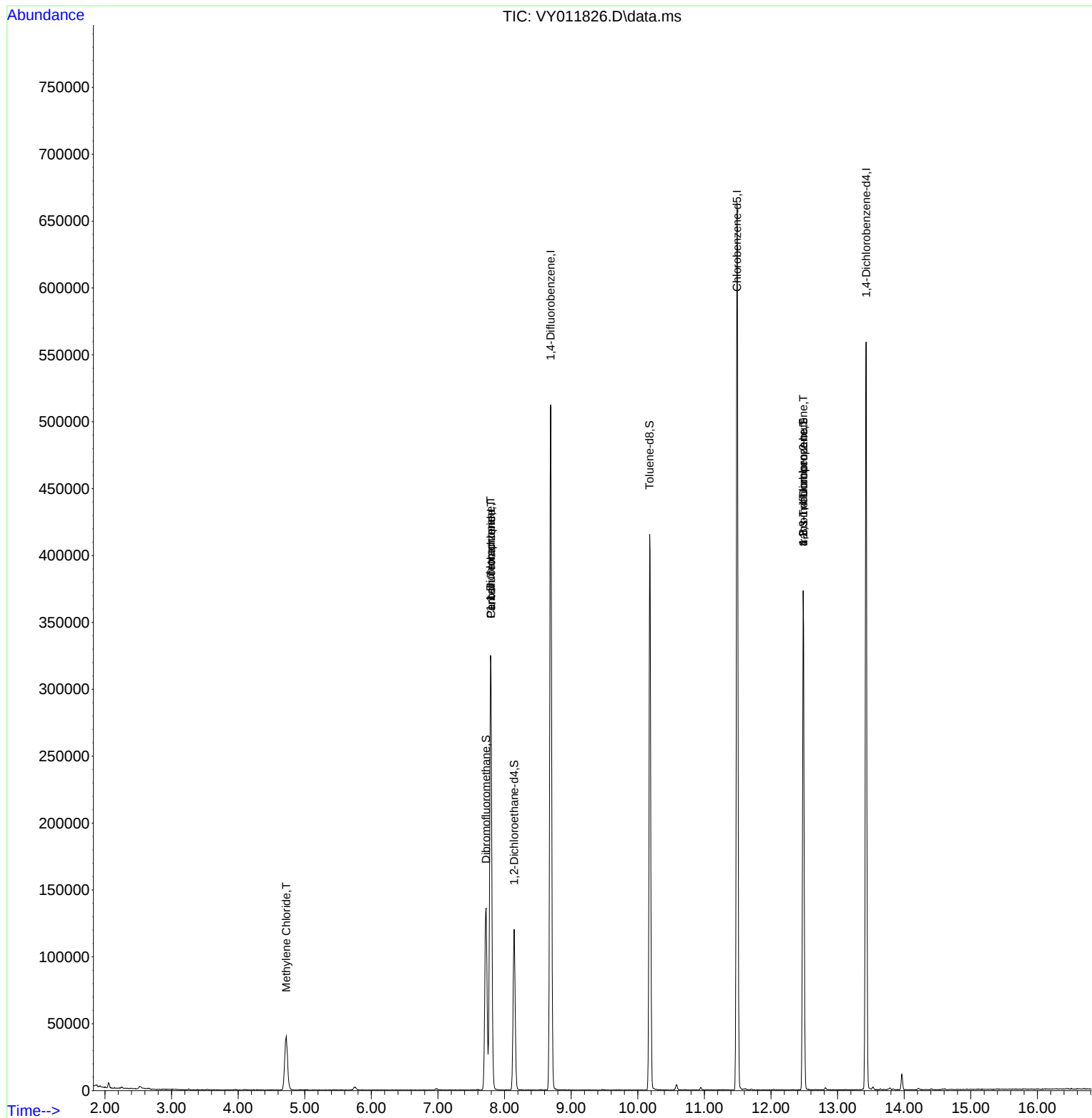
Internal Standards						
1) Pentafluorobenzene	7.795	168	251000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	433386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92905	54.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.380%	
35) Dibromofluoromethane	7.722	113	97337	50.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.200%	
50) Toluene-d8	10.179	98	275386	42.646	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.300%	
62) 4-Bromofluorobenzene	12.483	95	96351	37.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.340%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	76	Below Cal	#	41
3) Chloromethane	2.125	50	115	Below Cal	#	41
5) Bromomethane	2.668	94	133	Below Cal	#	1
11) Tert butyl alcohol	4.936	59	211	Below Cal	#	74
18) Methyl Acetate	4.485	43	131	Below Cal	#	50
20) Methylene Chloride	4.723	84	30633	7.571	ug/l	98
31) Cyclohexane	7.783	56	5054	Below Cal	#	10
36) 1,1-Dichloropropene	7.789	75	18047	5.488	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	24796	6.419	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	49803	34.119	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	49803	77.422	ug/l	# 13

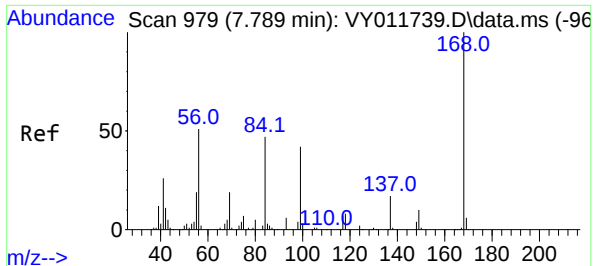
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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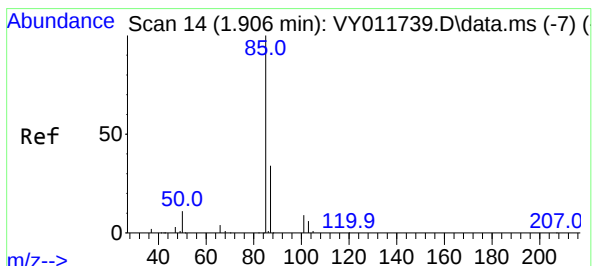
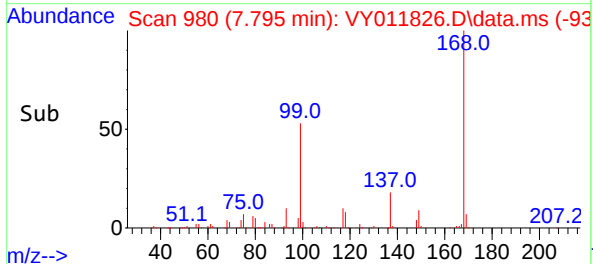
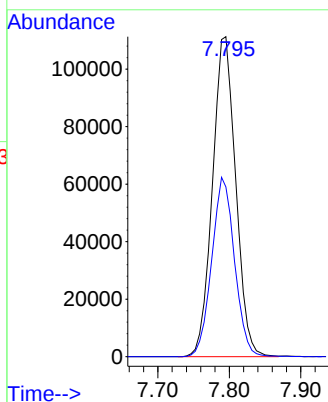
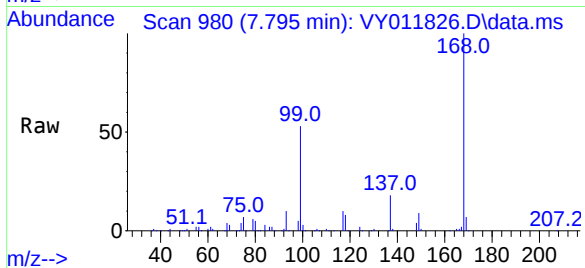




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

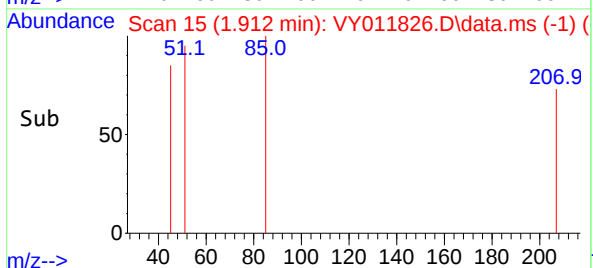
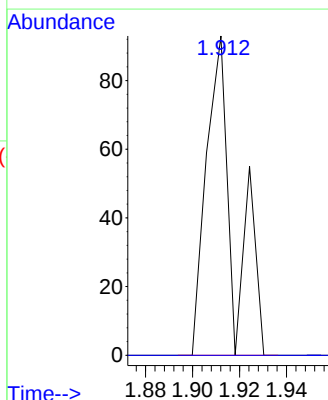
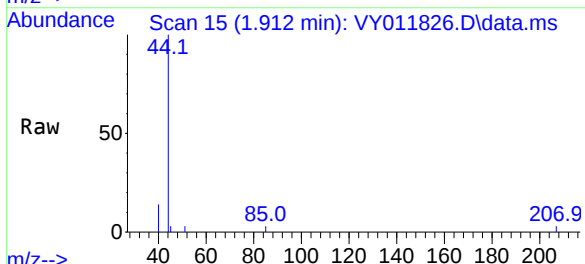
Instrument :
MSVOA_Y
ClientSampleId :
RB-27-(5-7)

Tgt Ion:168 Resp: 251000
Ion Ratio Lower Upper
168 100
99 53.0 44.0 66.0

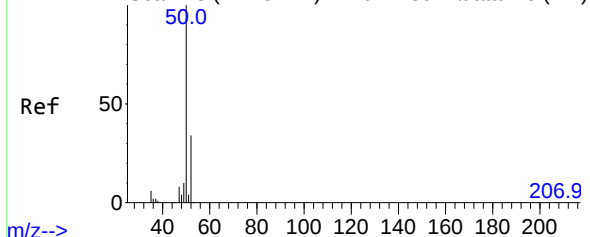


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

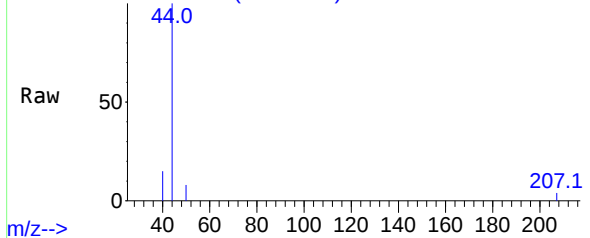
Tgt Ion: 85 Resp: 76
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#



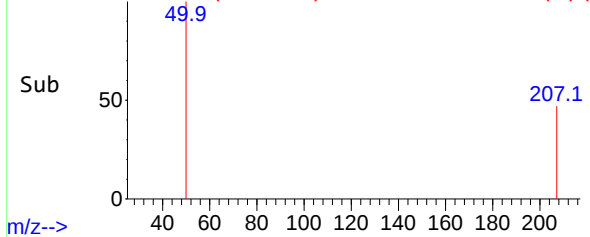
Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



Abundance Scan 50 (2.125 min): VY011826.D\data.ms



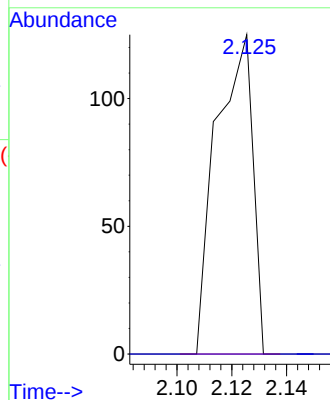
Abundance Scan 50 (2.125 min): VY011826.D\data.ms (-1)



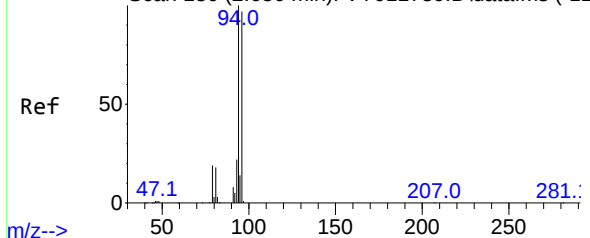
#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

Instrument :
MSVOA_Y
ClientSampleId :
RB-27-(5-7)

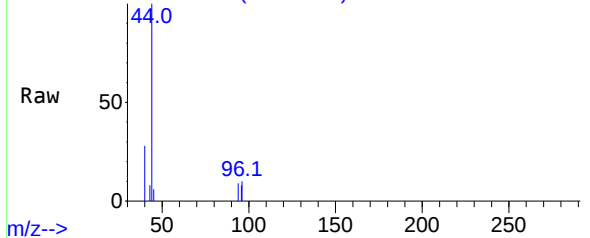
Tgt Ion: 50 Resp: 115
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



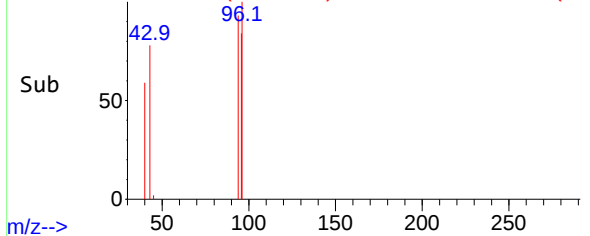
Abundance Scan 136 (2.650 min): VY011739.D\data.ms (-12)



Abundance Scan 139 (2.668 min): VY011826.D\data.ms

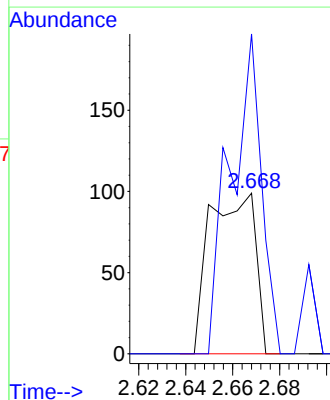


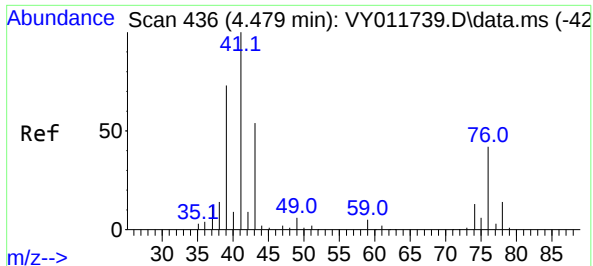
Abundance Scan 139 (2.668 min): VY011826.D\data.ms (-87)



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 199.0 77.4 116.2#

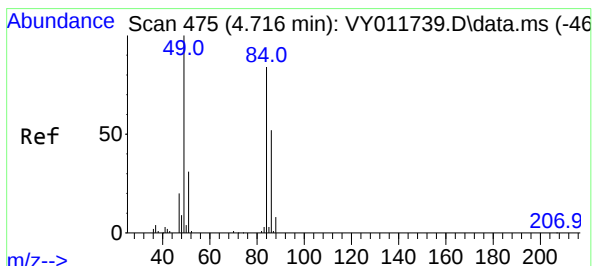
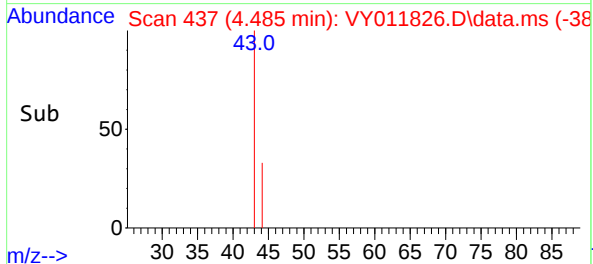
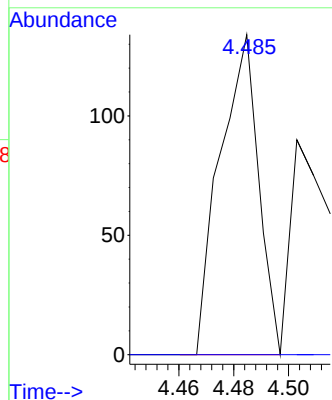
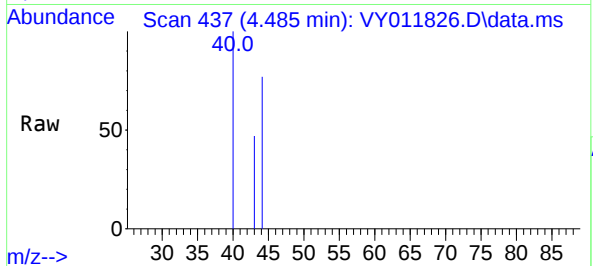




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

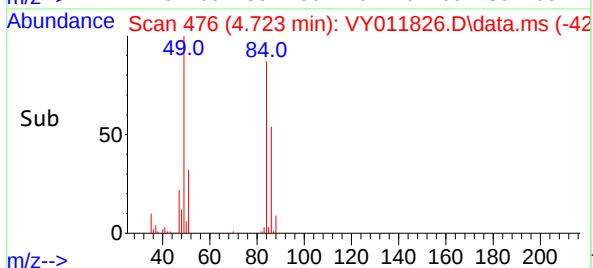
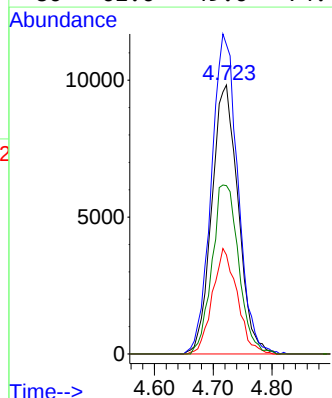
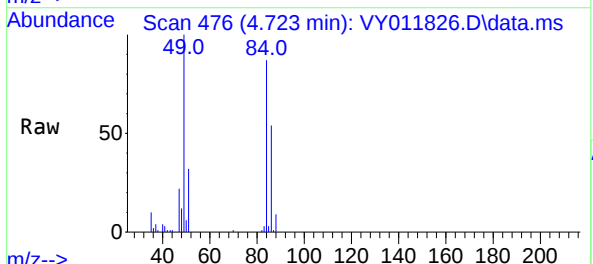
Instrument :
MSVOA_Y
ClientSampleId :
RB-27-(5-7)

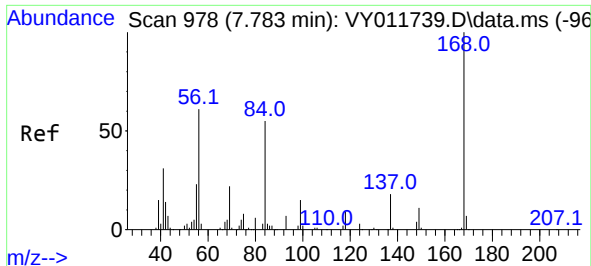
Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: 7.571 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

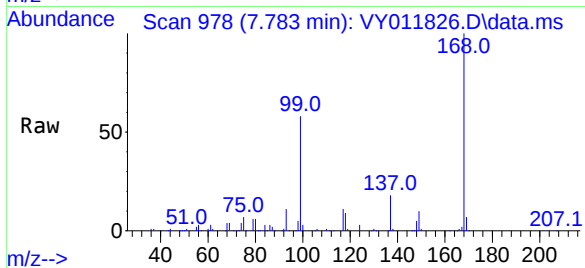
Tgt Ion: 84 Resp: 30633
Ion Ratio Lower Upper
84 100
49 115.0 95.4 143.2
51 36.9 29.9 44.9
86 62.6 49.6 74.4



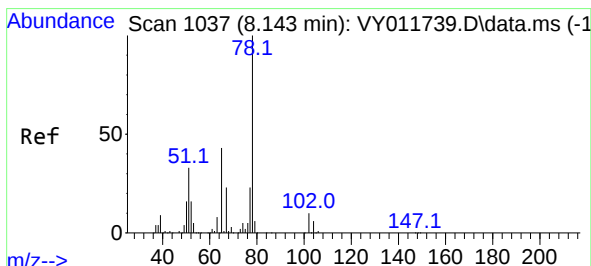
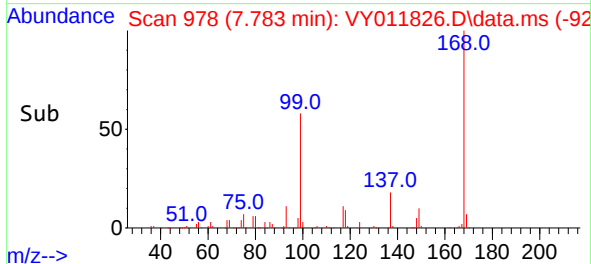
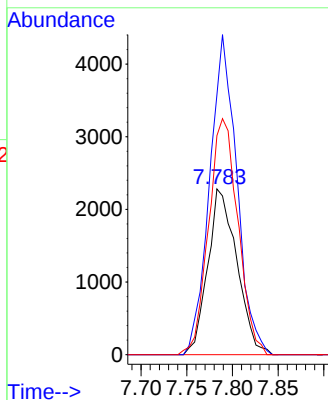


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

Instrument :
MSVOA_Y
ClientSampleId :
RB-27-(5-7)

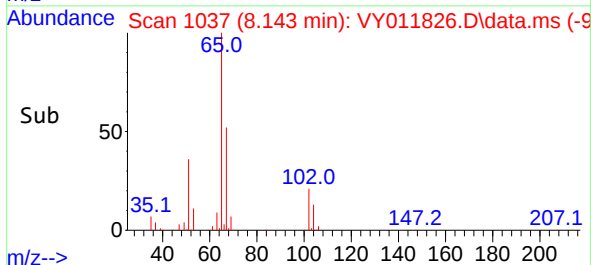
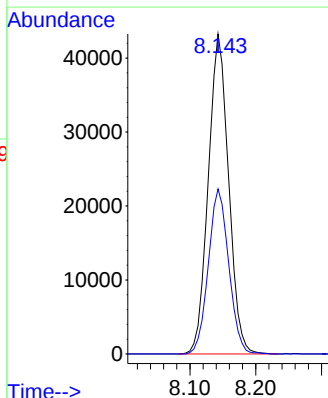
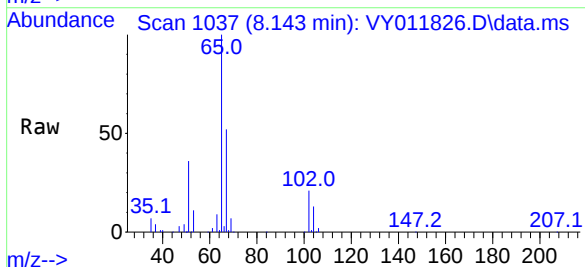


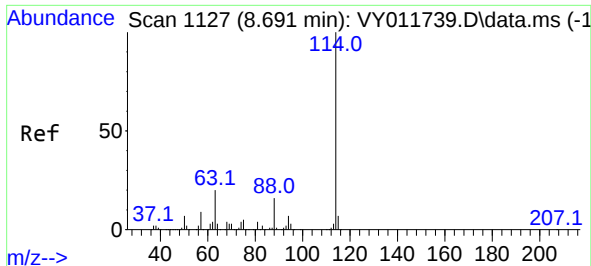
Tgt Ion: 56 Resp: 5054
Ion Ratio Lower Upper
56 100
69 156.8 29.2 43.8#
84 132.1 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 54.692 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

Tgt Ion: 65 Resp: 92905
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011826.D

Acq: 14 Dec 2022 05:01

Instrument :

MSVOA_Y

ClientSampleId :

RB-27-(5-7)

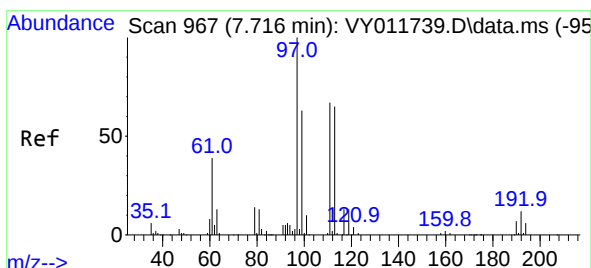
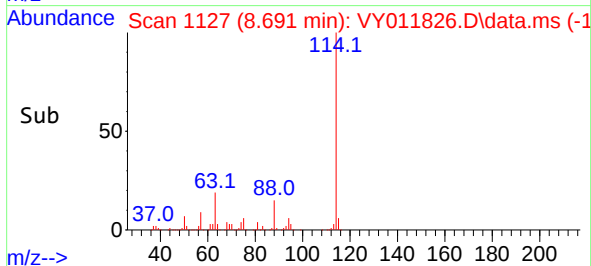
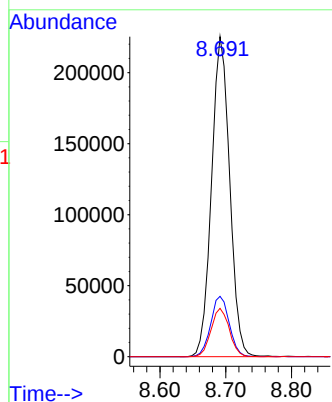
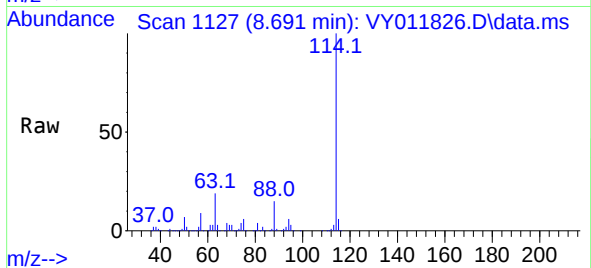
Tgt Ion:114 Resp: 433386

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.598 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011826.D

Acq: 14 Dec 2022 05:01

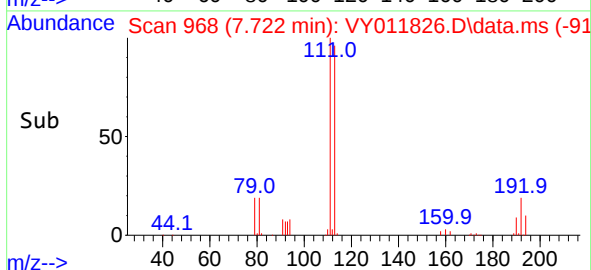
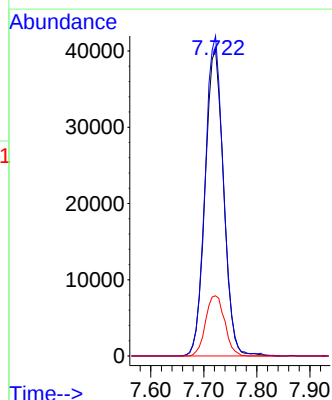
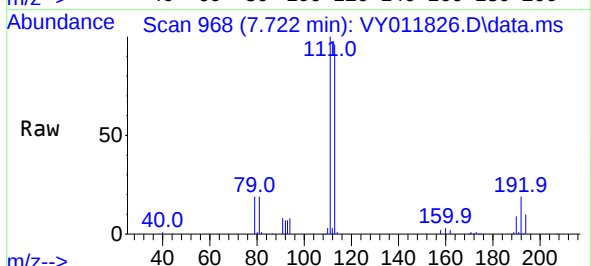
Tgt Ion:113 Resp: 97337

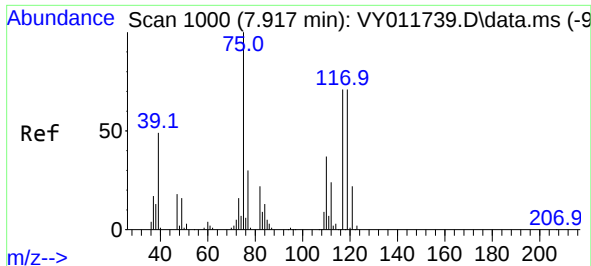
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 20.3 16.0 24.0

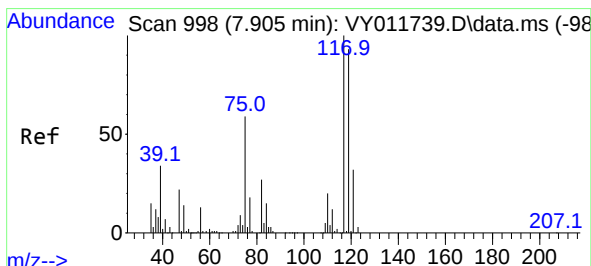
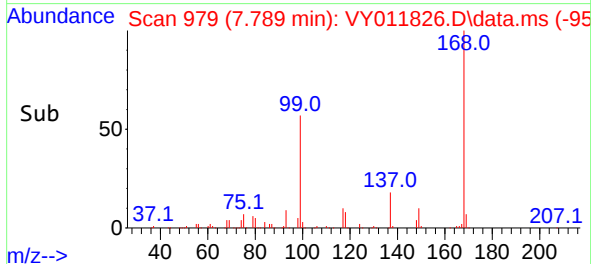
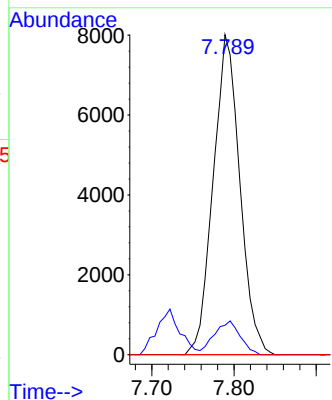
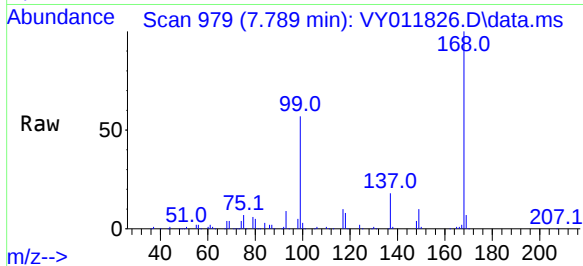




#36
1,1-Dichloropropene
Concen: 5.488 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

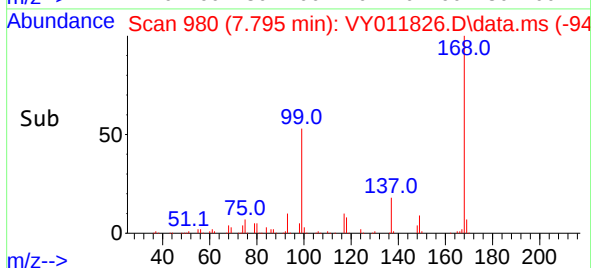
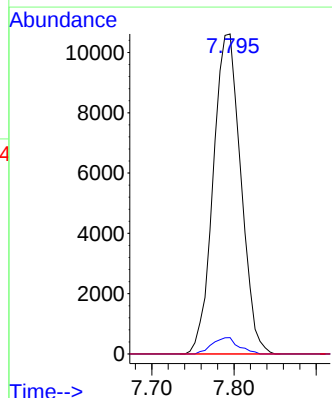
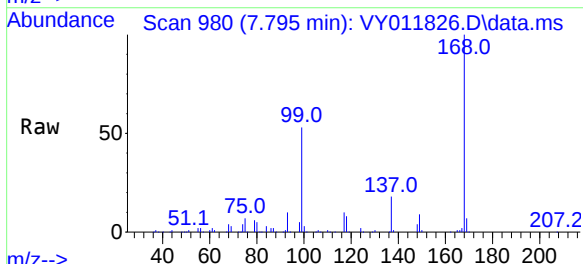
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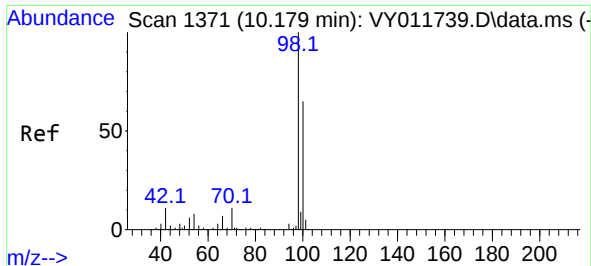
Tgt Ion:	75	Resp:	18047
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.1#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 6.419 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

Tgt Ion:	117	Resp:	24796
Ion	Ratio	Lower	Upper
117	100		
119	5.1	73.8	110.8#
121	0.0	25.2	37.8#

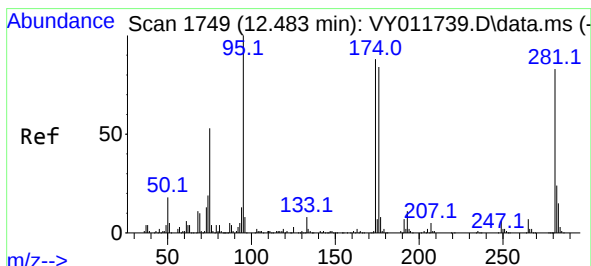
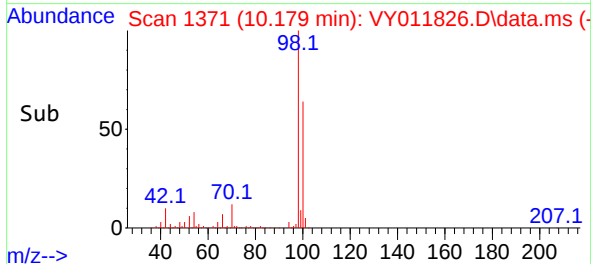
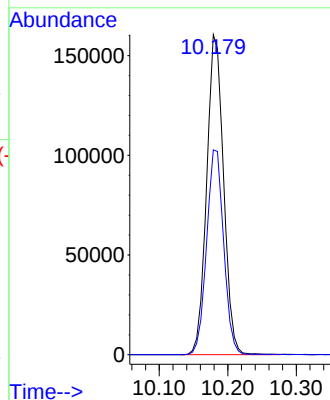
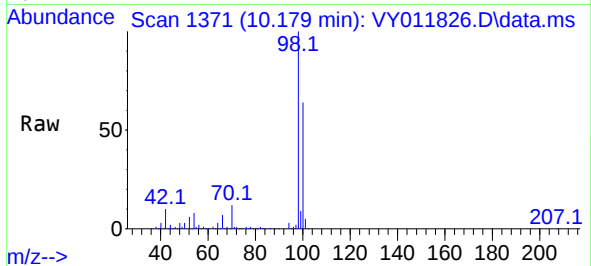




#50
Toluene-d8
Concen: 42.646 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

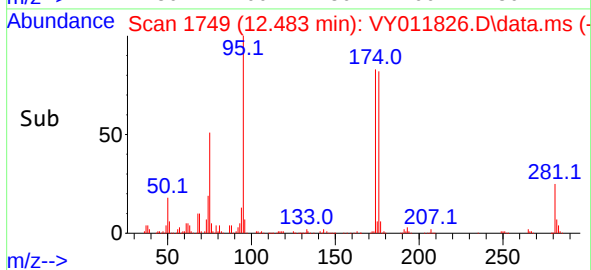
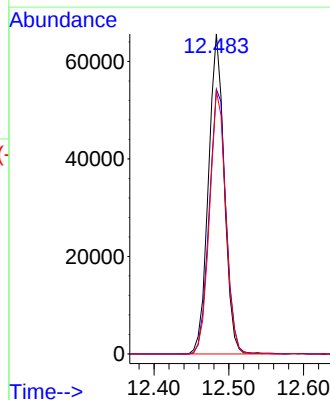
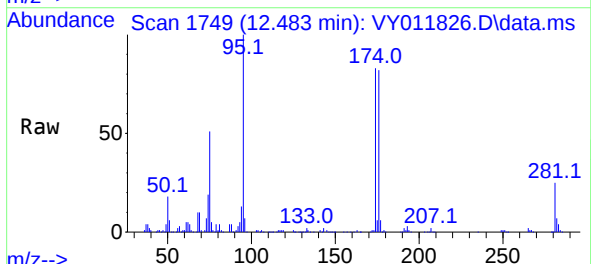
Instrument :
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ClientSampleId :
RB-27-(5-7)

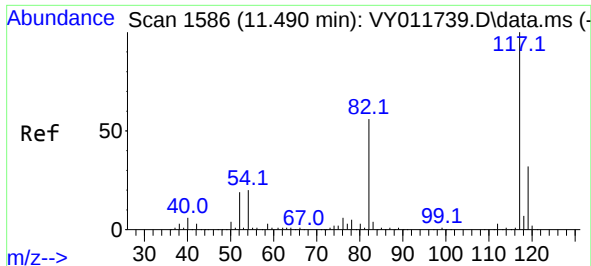
Tgt Ion: 98 Resp: 275386
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 37.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

Tgt Ion: 95 Resp: 96351
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.0
176 84.2 0.0 167.6

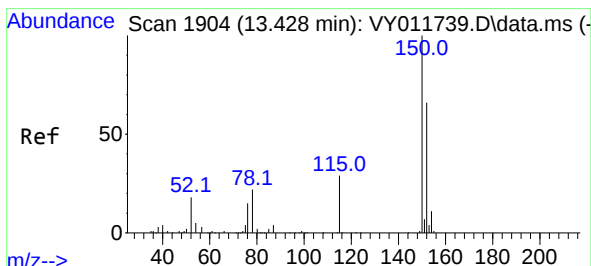
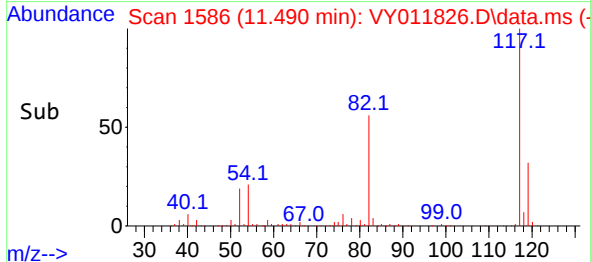
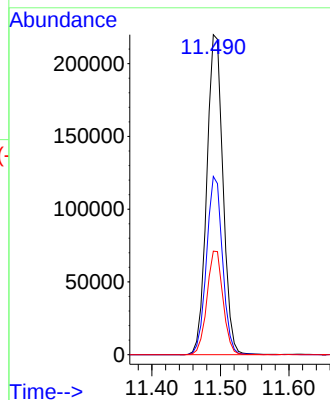
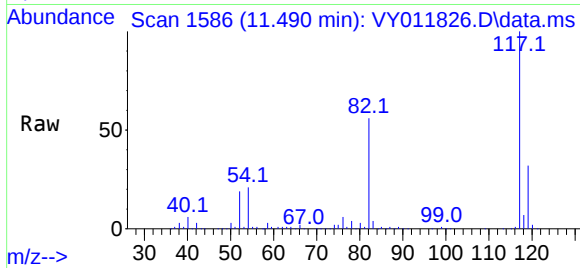




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

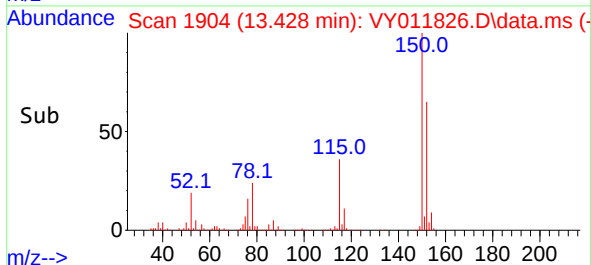
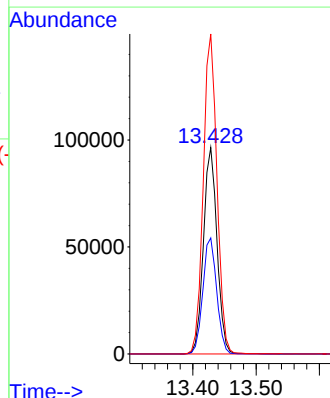
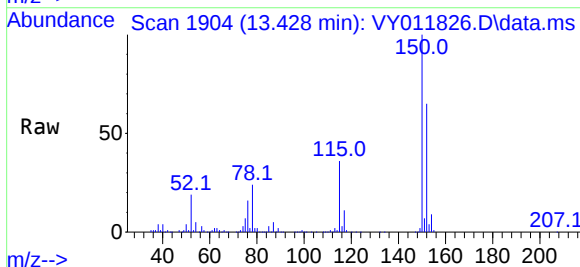
Instrument :
MSVOA_Y
ClientSampleId :
RB-27-(5-7)

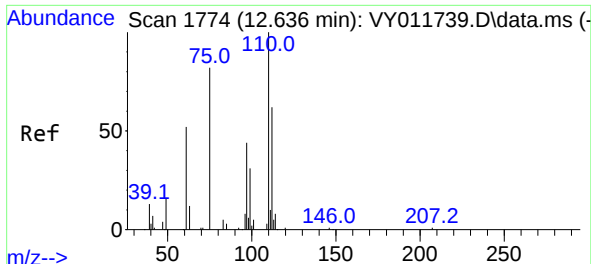
Tgt Ion:117 Resp: 361699
Ion Ratio Lower Upper
117 100
82 55.7 44.8 67.2
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

Tgt Ion:152 Resp: 144276
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 156.4 0.0 342.6

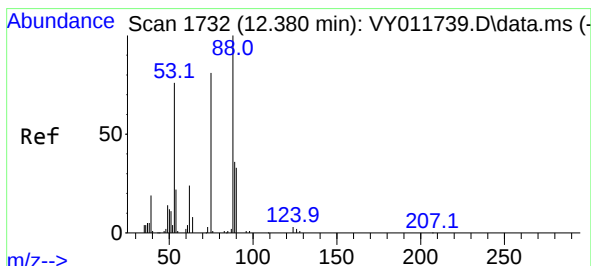
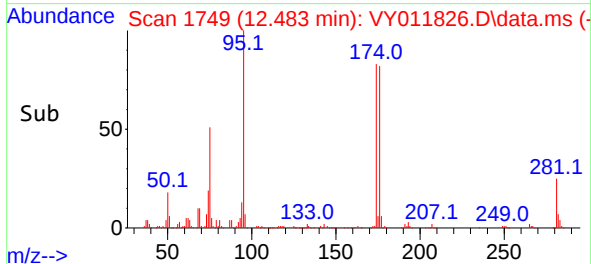
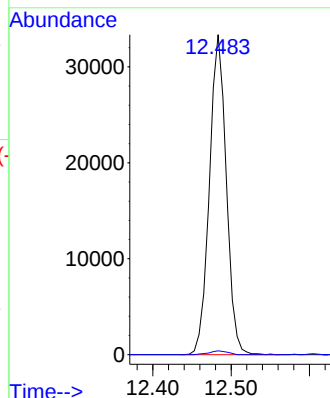
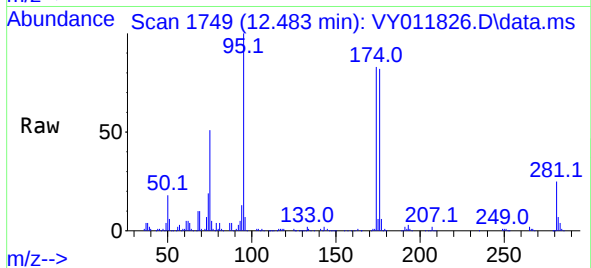




#76
1,2,3-Trichloropropane
Concen: 34.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

Instrument :
MSVOA_Y
ClientSampleId :
RB-27-(5-7)

Tgt Ion: 75 Resp: 49803
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.422 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

Tgt Ion: 75 Resp: 49803
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.2 37.0 55.4#

