

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011823.D
 Acq On : 14 Dec 2022 03:53
 Operator : KP/MD
 Sample : N6037-17
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-25-(7-9)

Quant Time: Dec 14 05:38:29 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)

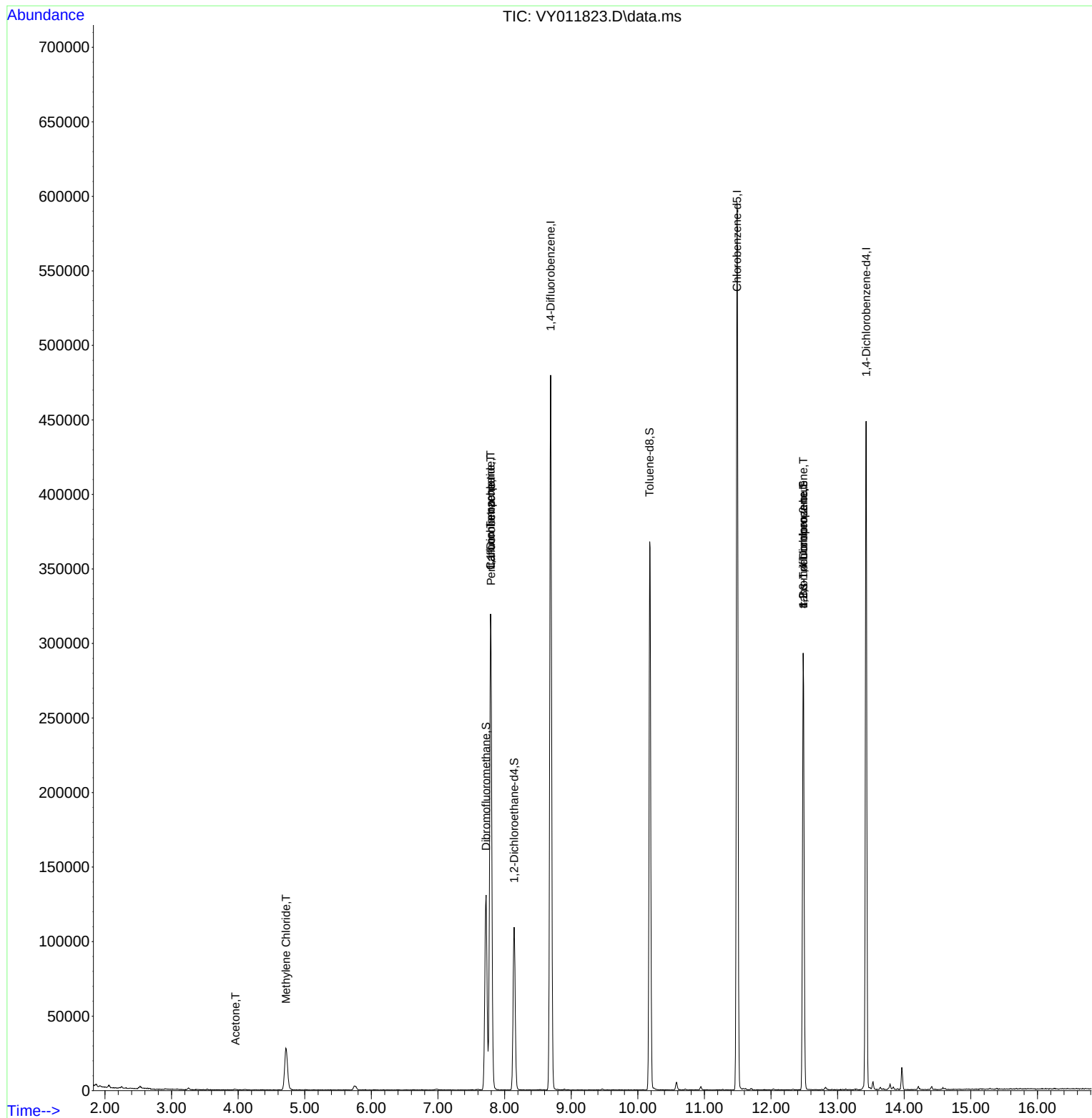
Internal Standards						
1) Pentafluorobenzene	7.795	168	247722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	407891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87316	51.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.660%	
35) Dibromofluoromethane	7.722	113	91634	50.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.220%	
50) Toluene-d8	10.179	98	251252	41.106	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.220%	
62) 4-Bromofluorobenzene	12.483	95	79063	31.767	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 63.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	91	Below Cal	#	41
5) Bromomethane	2.662	94	157	Below Cal	#	46
11) Tert butyl alcohol	4.948	59	84	Below Cal	#	74
16) Acetone	3.960	43	864	1.277	ug/l #	72
18) Methyl Acetate	4.472	43	35	Below Cal	#	50
20) Methylene Chloride	4.716	84	21857	3.629	ug/l	98
31) Cyclohexane	7.795	56	5113	Below Cal	#	14
36) 1,1-Dichloropropene	7.789	75	18521	5.984	ug/l #	50
38) Carbon Tetrachloride	7.789	117	24570	6.758	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	41716	35.359	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41716	80.236	ug/l #	13

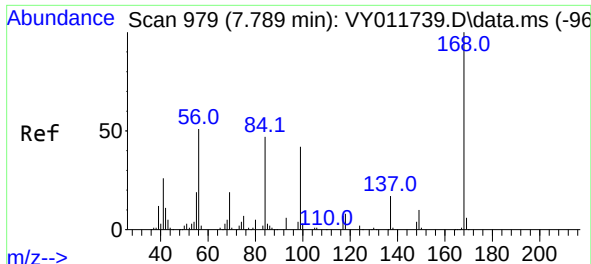
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
Data File : VY011823.D
Acq On : 14 Dec 2022 03:53
Operator : KP/MD
Sample : N6037-17
Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)

Quant Time: Dec 14 05:38:29 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

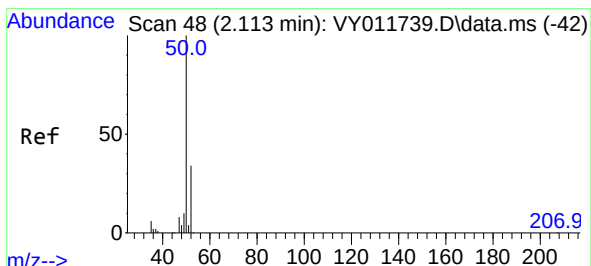
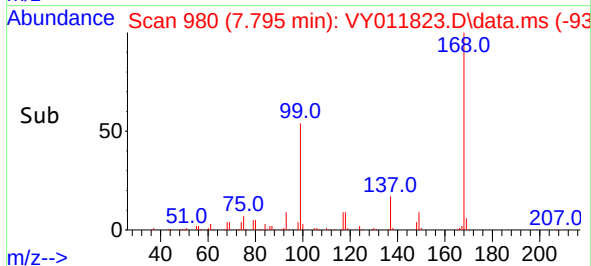
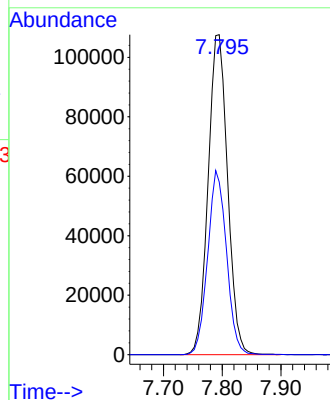
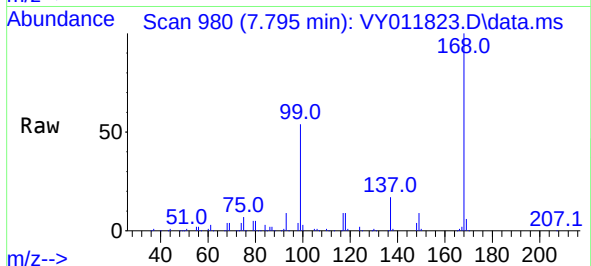




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

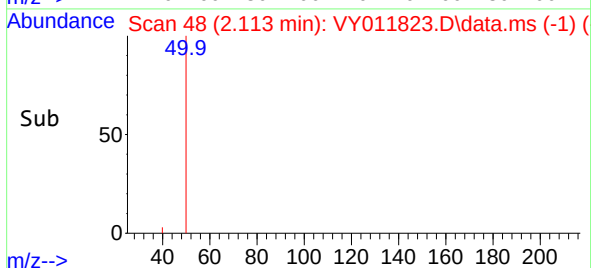
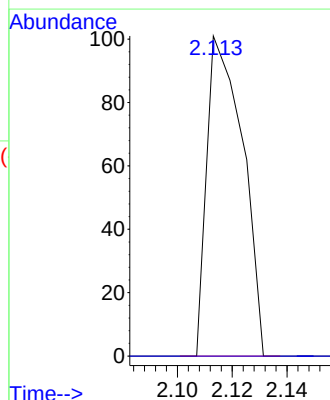
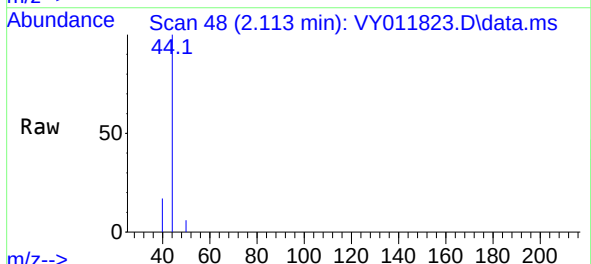
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)

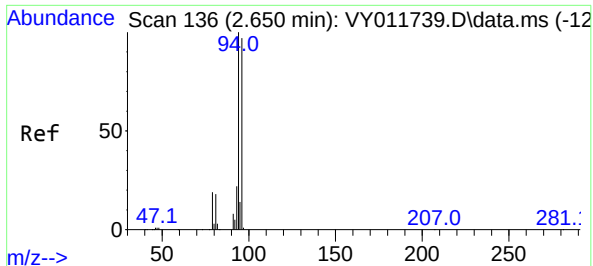
Tgt Ion:168 Resp: 247722
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

Tgt Ion: 50 Resp: 91
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

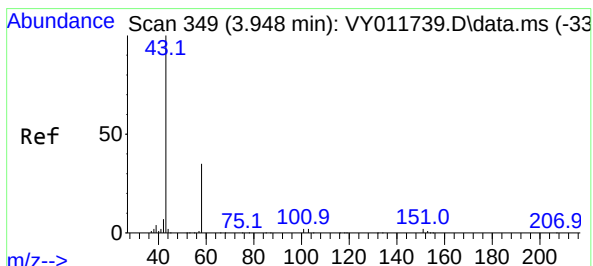
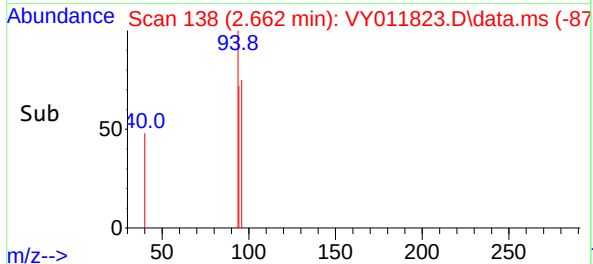
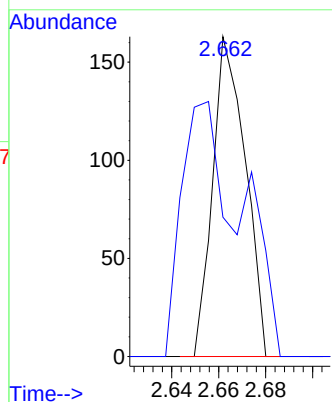
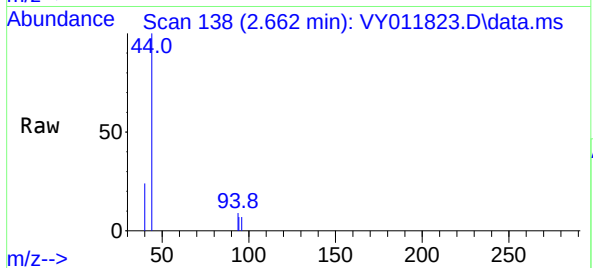




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

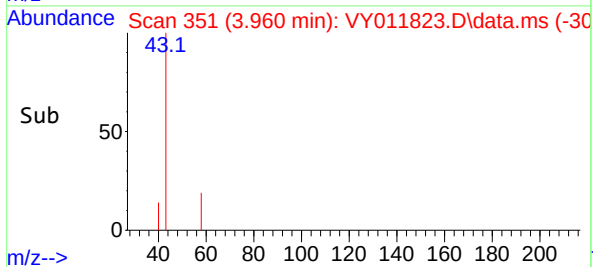
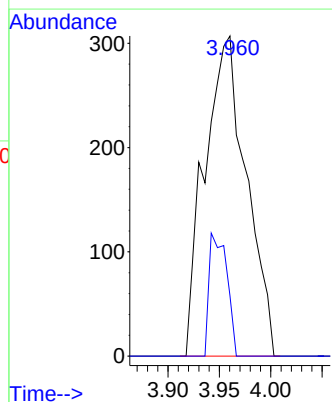
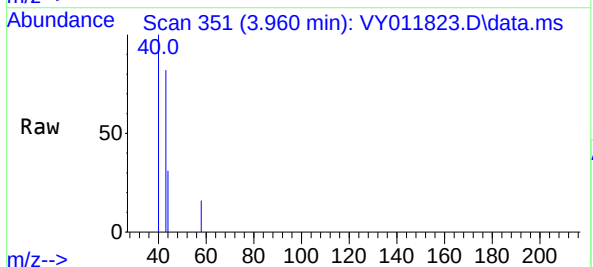
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)

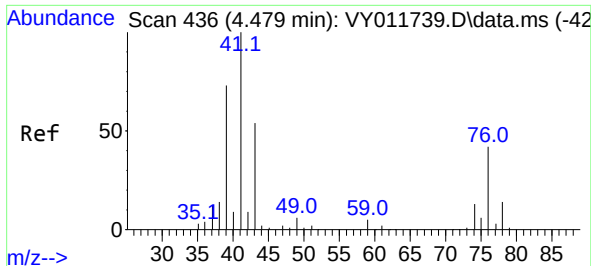
Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 43.6 77.4 116.2#



#16
Acetone
Concen: 1.277 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 18.9 27.9 41.9#

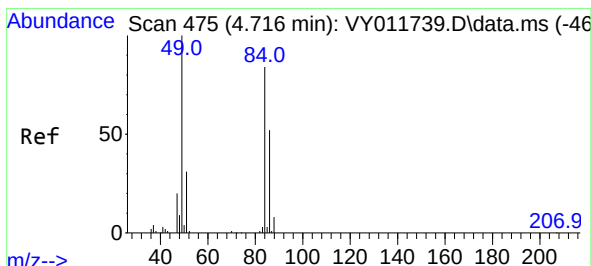
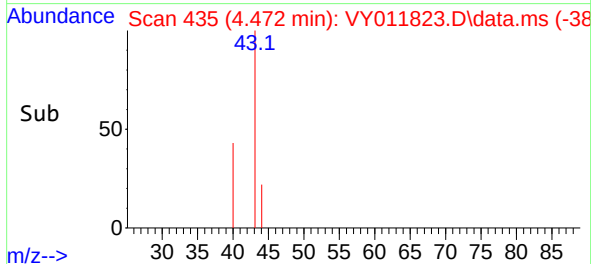
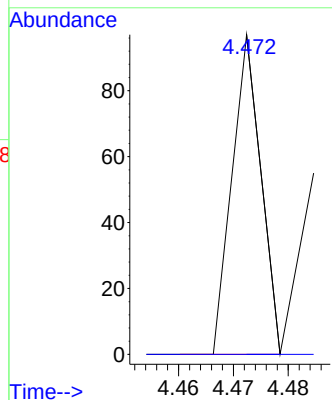
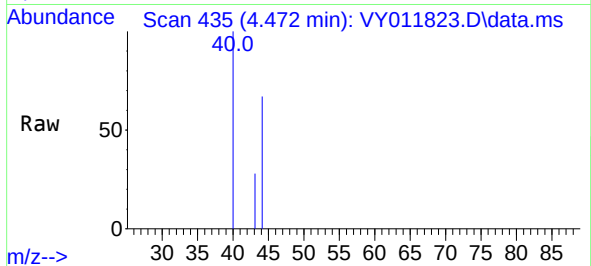




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

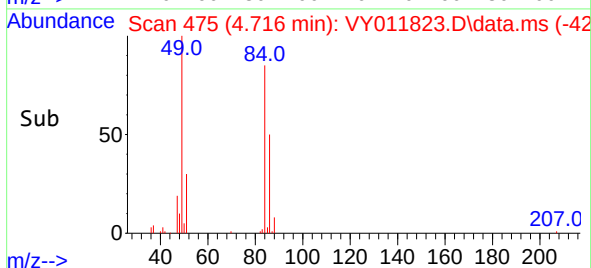
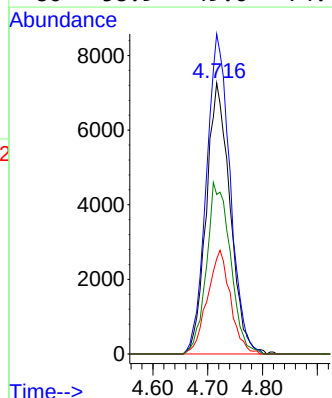
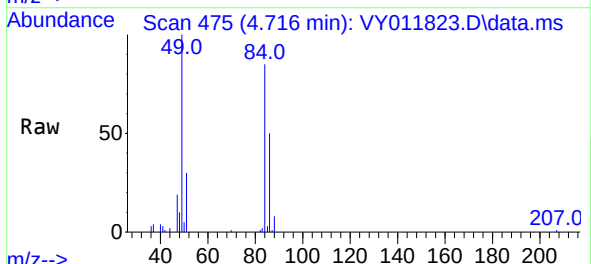
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)

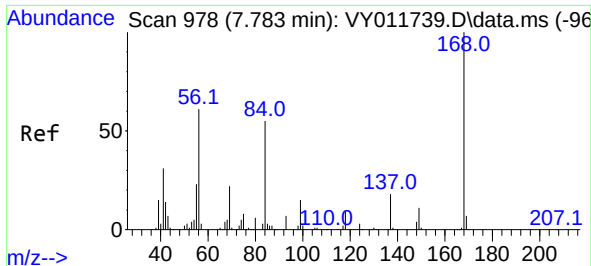
Tgt Ion: 43 Resp: 35
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: 3.629 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

Tgt Ion: 84 Resp: 21857
Ion Ratio Lower Upper
84 100
49 118.1 95.4 143.2
51 35.1 29.9 44.9
86 58.9 49.6 74.4

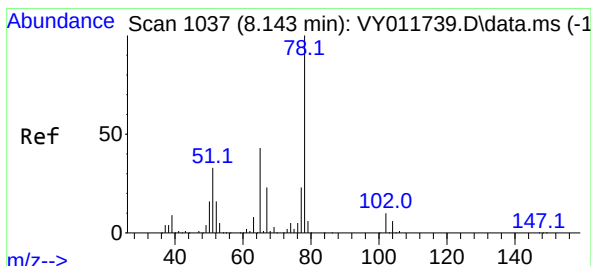
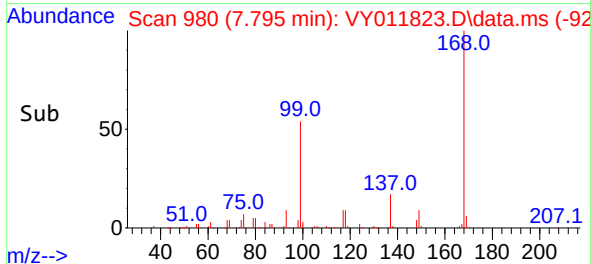
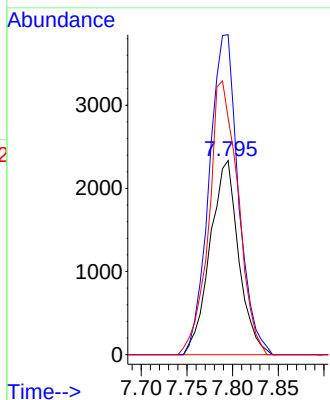
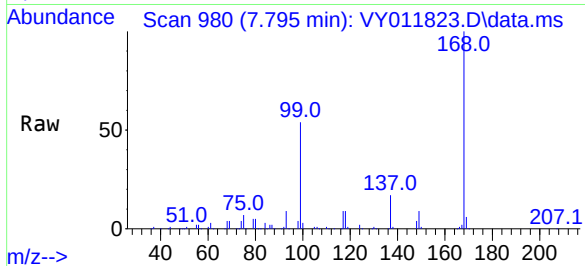




#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

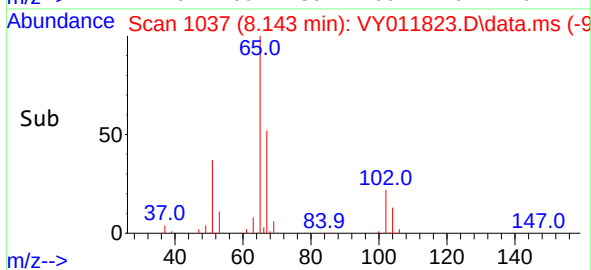
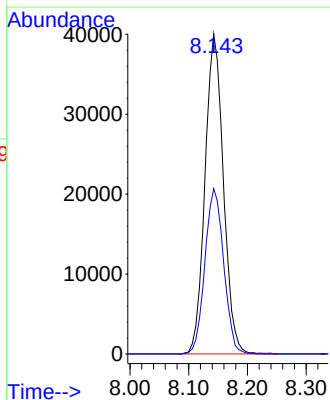
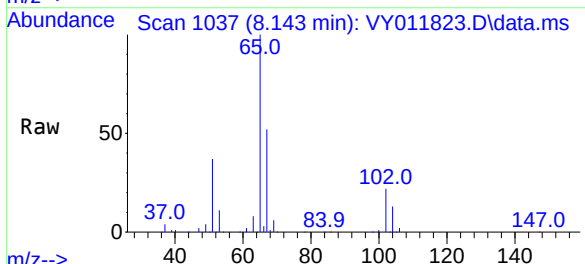
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)

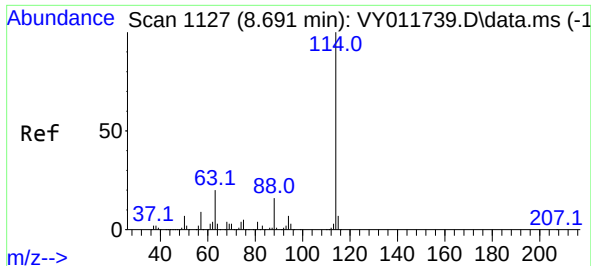
Tgt Ion: 56 Resp: 5113
Ion Ratio Lower Upper
56 100
69 164.8 29.2 43.8#
84 121.9 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 51.829 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

Tgt Ion: 65 Resp: 87316
Ion Ratio Lower Upper
65 100
67 52.6 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: VY011823.D

Acq: 14 Dec 2022 03:53

Instrument :

MSVOA_Y

ClientSampleId :

RB-25-(7-9)

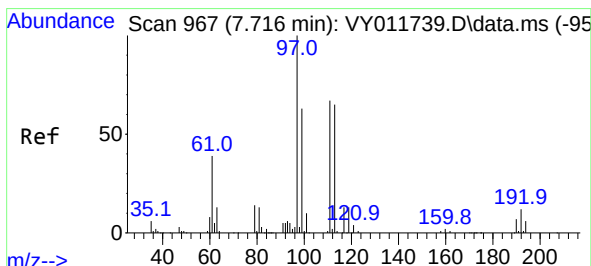
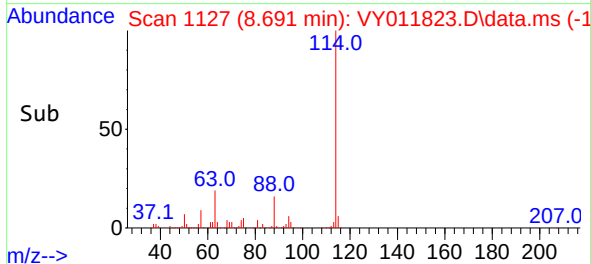
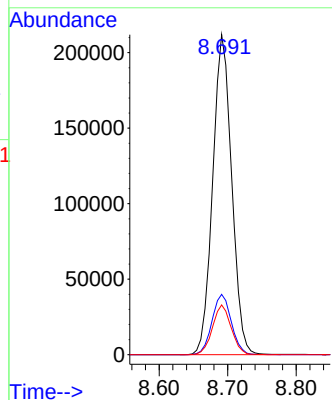
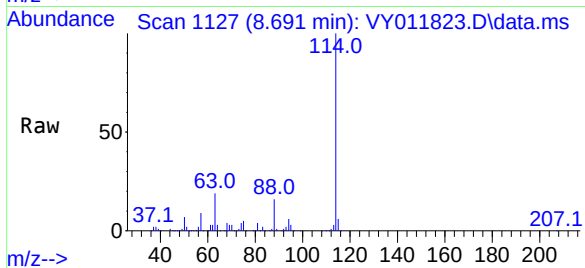
Tgt Ion:114 Resp: 407891

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.612 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011823.D

Acq: 14 Dec 2022 03:53

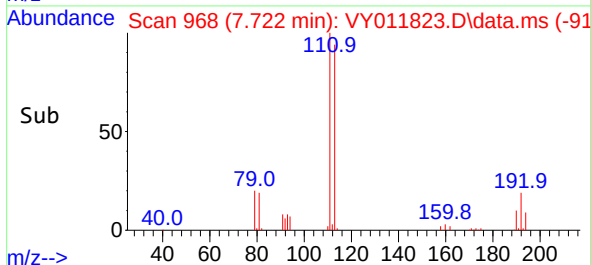
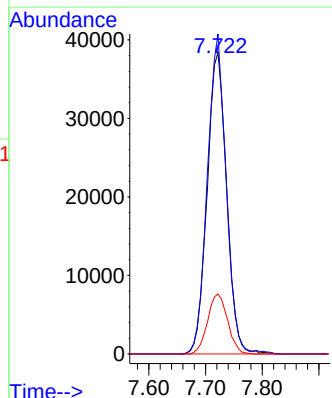
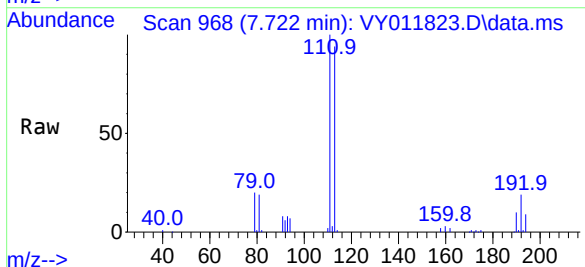
Tgt Ion:113 Resp: 91634

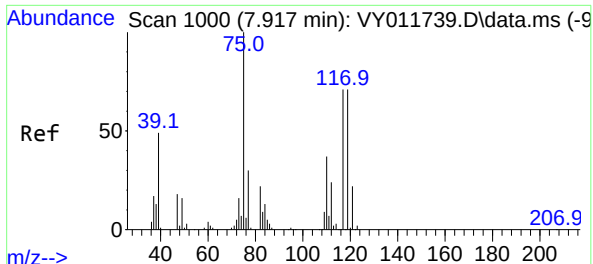
Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

192 20.4 16.0 24.0

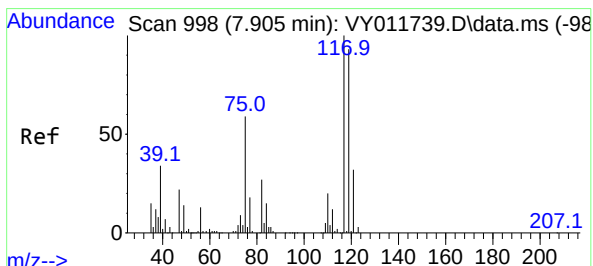
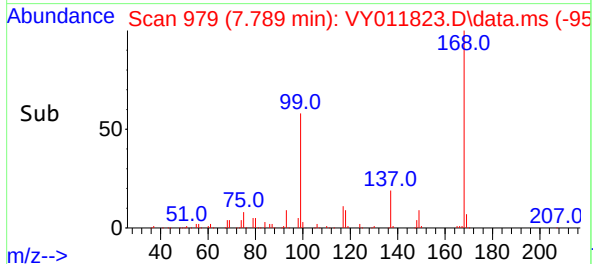
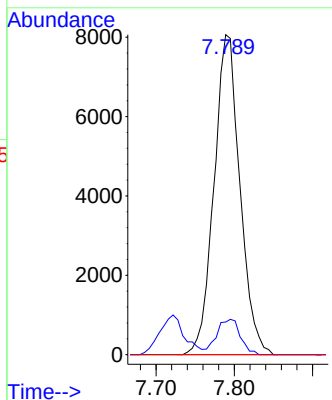
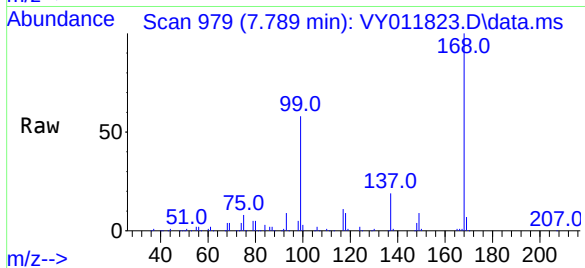




#36
1,1-Dichloropropene
Concen: 5.984 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

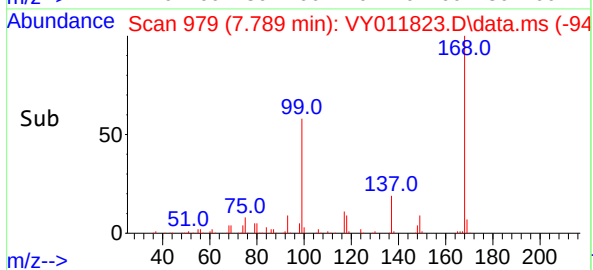
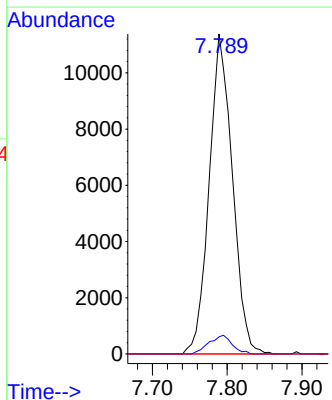
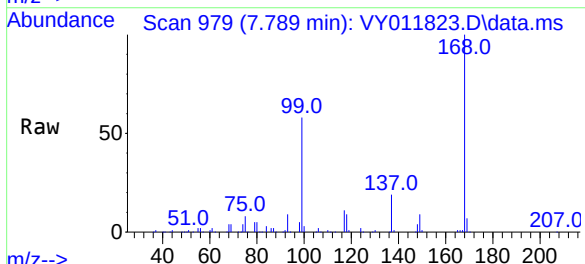
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)

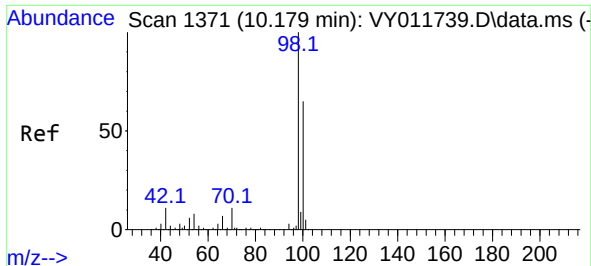
Tgt Ion: 75 Resp: 18521
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.758 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

Tgt Ion: 117 Resp: 24570
Ion Ratio Lower Upper
117 100
119 5.3 73.8 110.8#
121 0.0 25.2 37.8#

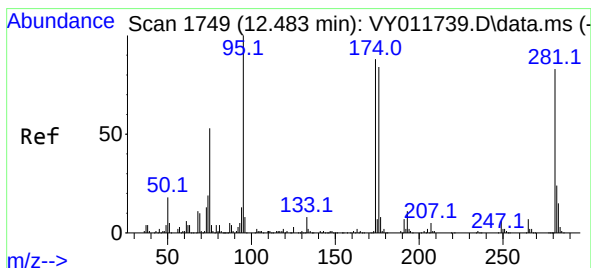
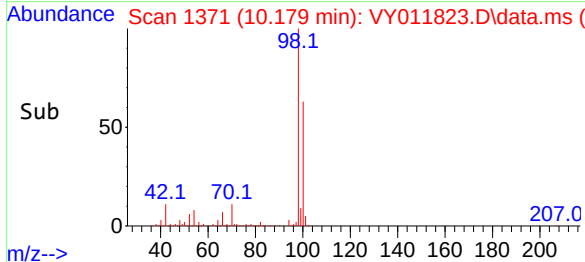
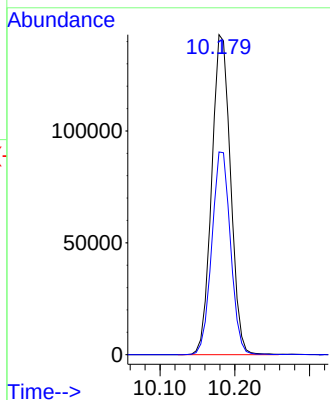
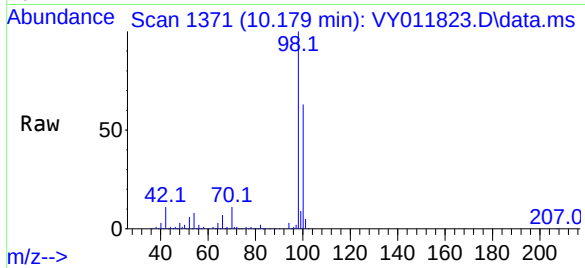




#50
Toluene-d8
Concen: 41.106 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

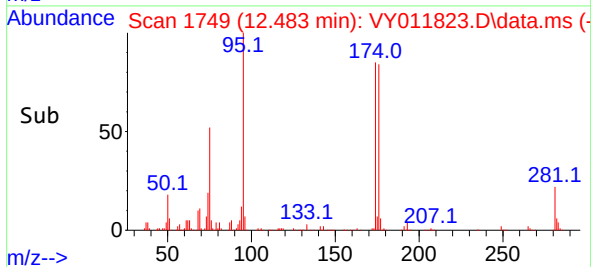
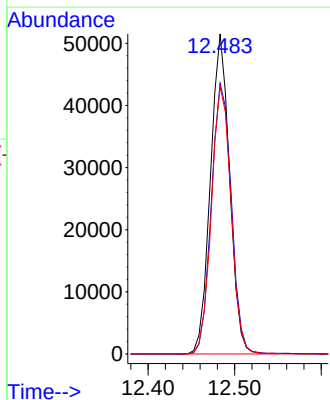
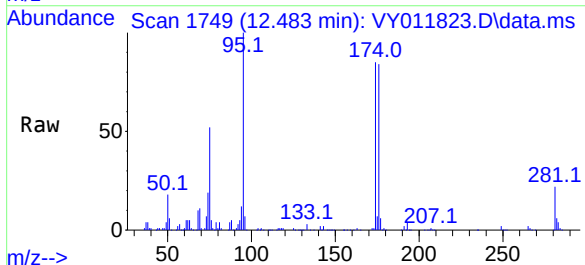
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)

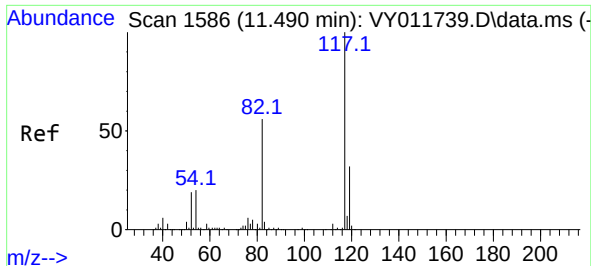
Tgt Ion: 98 Resp: 251252
Ion Ratio Lower Upper
98 100
100 62.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 31.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

Tgt Ion: 95 Resp: 79063
Ion Ratio Lower Upper
95 100
174 88.5 0.0 172.0
176 85.6 0.0 167.6

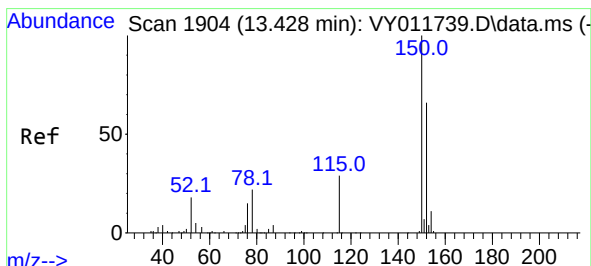
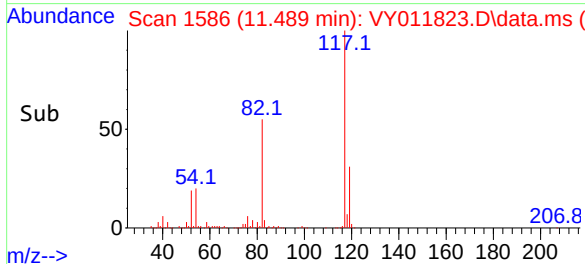
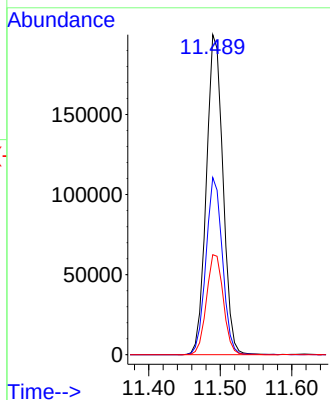
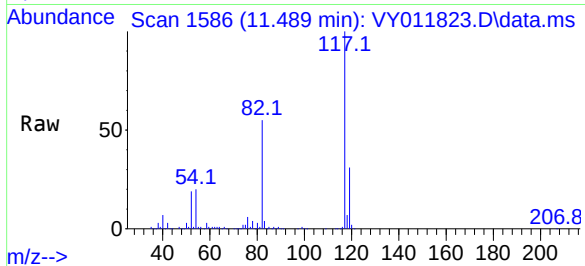




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

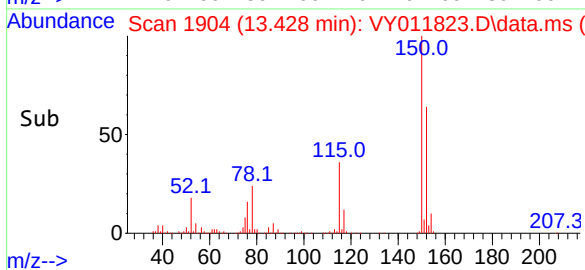
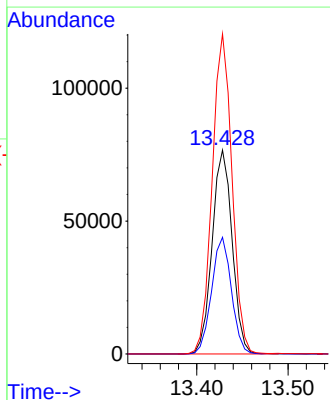
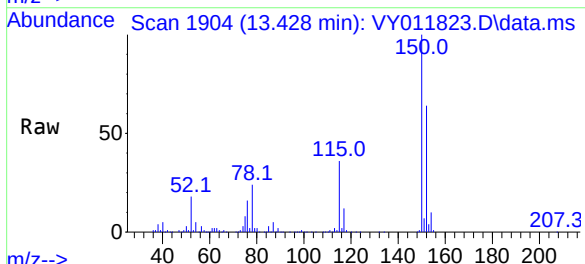
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)

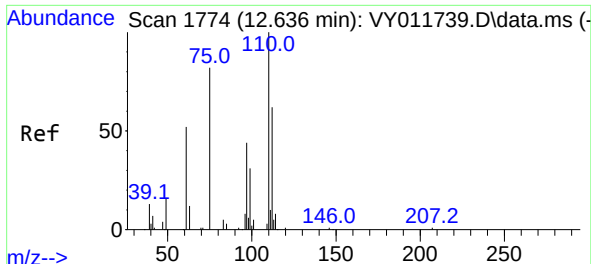
Tgt Ion:117 Resp: 322605
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

Tgt Ion:152 Resp: 116611
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 155.7 0.0 342.6

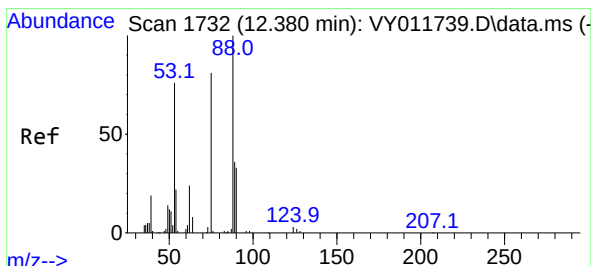
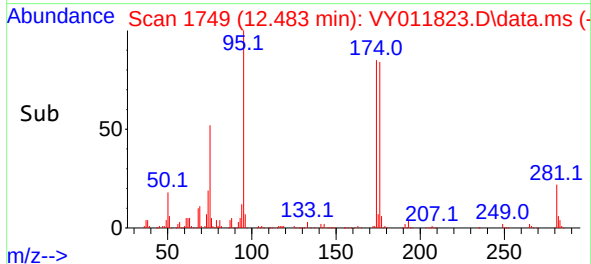
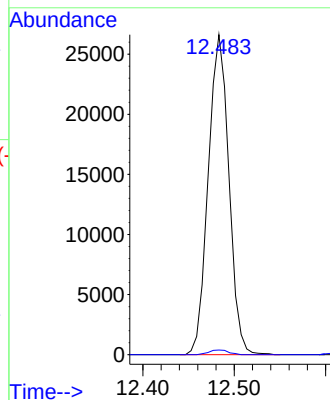
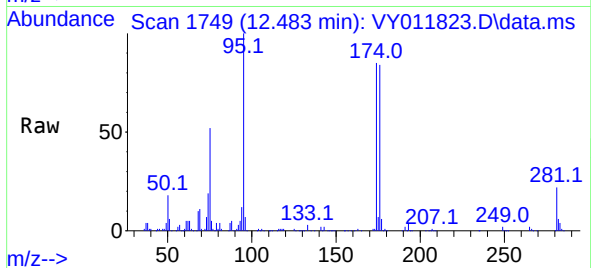




#76
1,2,3-Trichloropropane
Concen: 35.359 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)

Tgt Ion: 75 Resp: 41716
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.236 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011823.D
Acq: 14 Dec 2022 03:53

Tgt Ion: 75 Resp: 41716
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.3 37.0 55.4#

