

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010874.D
 Acq On : 07 Oct 2022 16:05
 Operator : KP/MD
 Sample : N5046-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-2

Quant Time: Oct 08 04:47:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

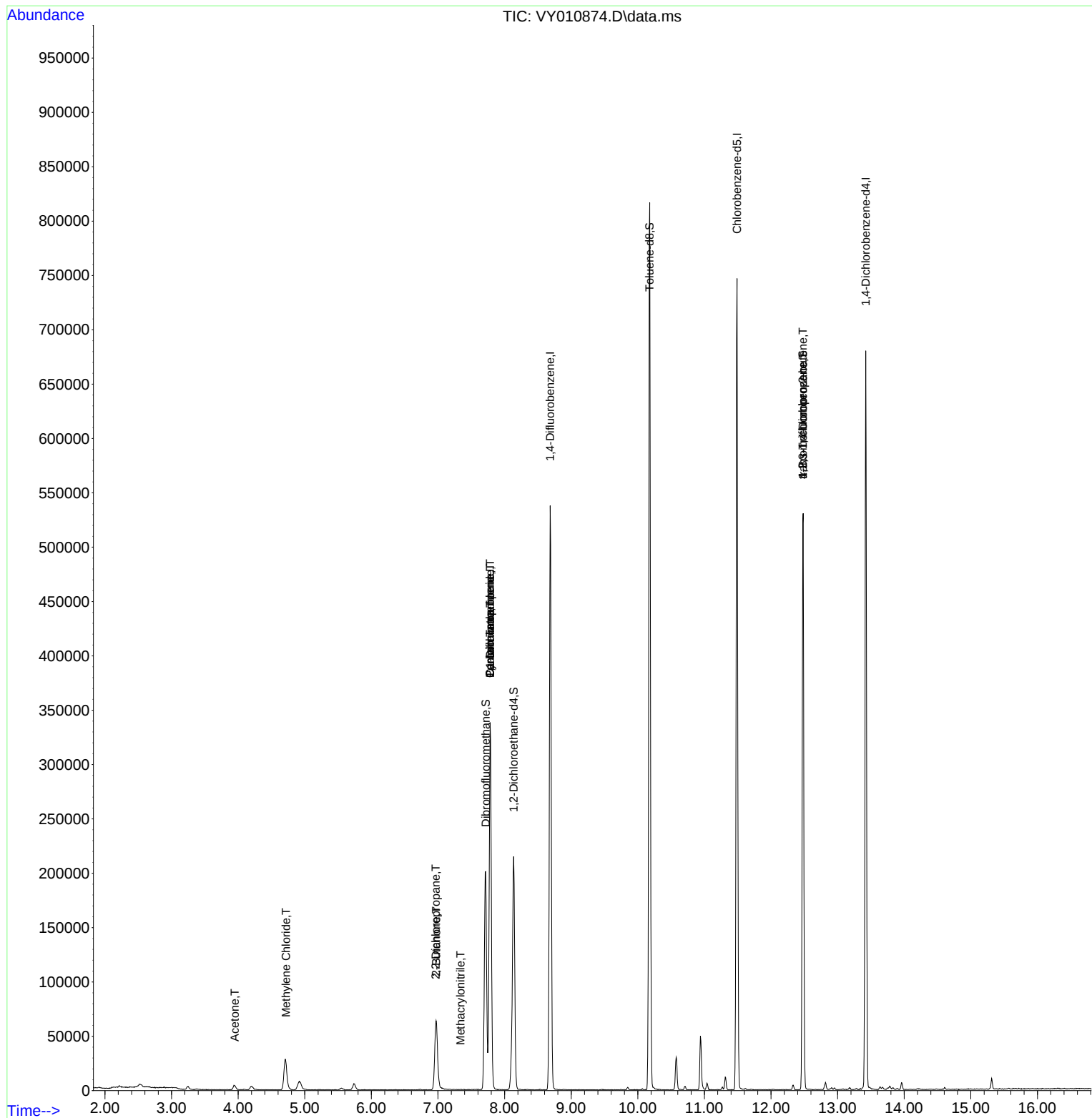
Internal Standards						
1) Pentafluorobenzene	7.783	168	255698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	454972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	404050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	151307	58.379	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.760%			
35) Dibromofluoromethane	7.716	113	145236	48.089	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.180%			
50) Toluene-d8	10.179	98	535558	51.852	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.477	95	161994	39.363	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.720%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	8507	Below Cal	#	78
16) Acetone	3.948	43	7371	11.198	ug/l	98
20) Methylene Chloride	4.716	84	21000	2.301	ug/l #	81
25) 2-Butanone	6.972	43	3998	4.225	ug/l	98
26) 2,2-Dichloropropane	6.966	77	5022	1.095	ug/l #	55
31) Cyclohexane	7.783	56	5499	1.185	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20575	4.719	ug/l #	50
38) Carbon Tetrachloride	7.783	117	25659	5.650	ug/l #	15
41) Methacrylonitrile	7.338	41	135	2.683	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	82799	48.299	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	82799	100.892	ug/l #	7

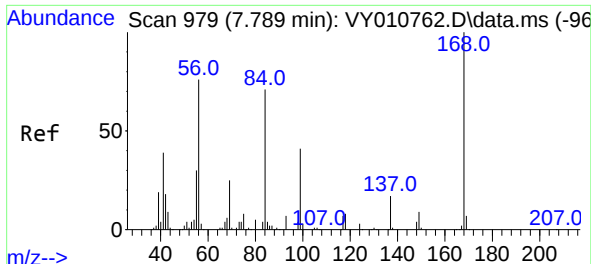
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
Data File : VY010874.D
Acq On : 07 Oct 2022 16:05
Operator : KP/MD
Sample : N5046-02
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-2

Quant Time: Oct 08 04:47:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

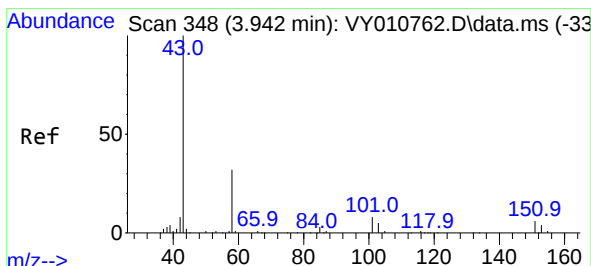
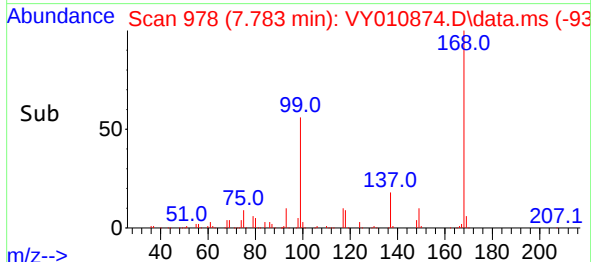
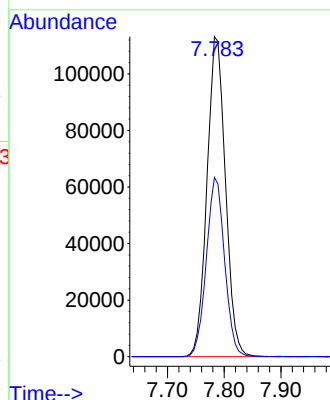
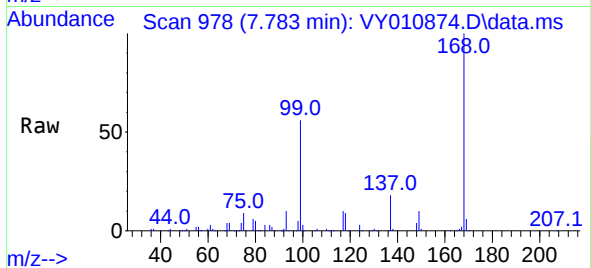




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

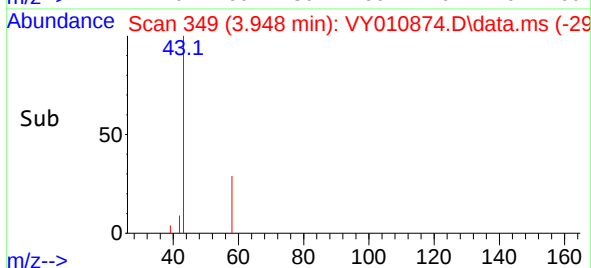
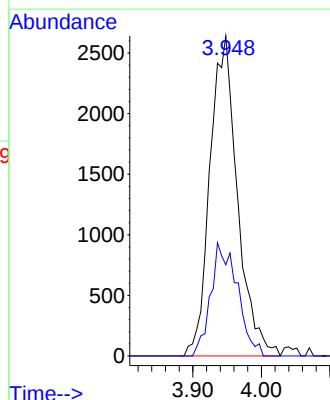
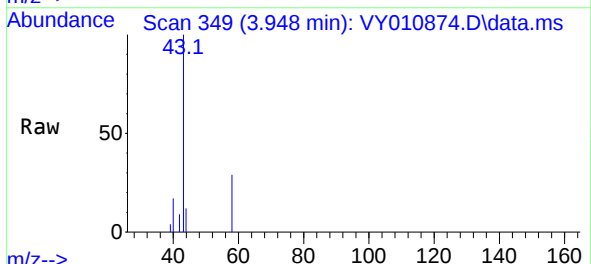
Instrument :
MSVOA_Y
ClientSampleId :
R-2

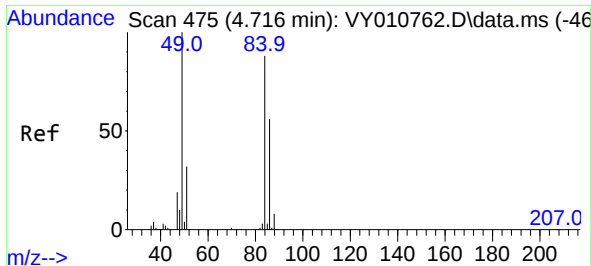
Tgt Ion:168 Resp: 255698
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#16
Acetone
Concen: 11.198 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

Tgt Ion: 43 Resp: 7371
Ion Ratio Lower Upper
43 100
58 28.5 22.0 33.0

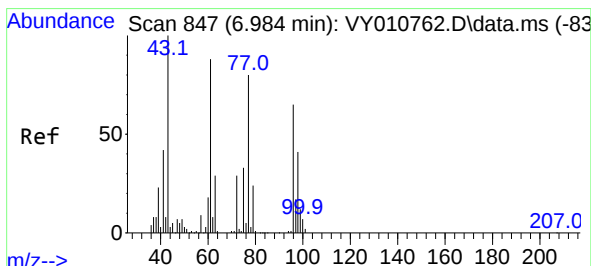
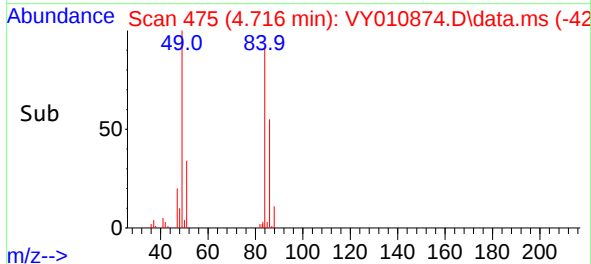
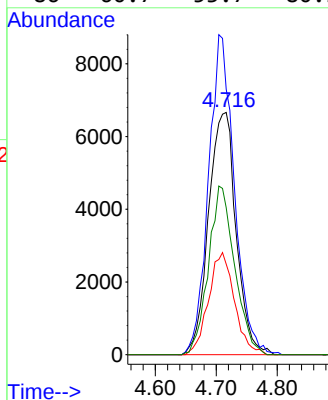
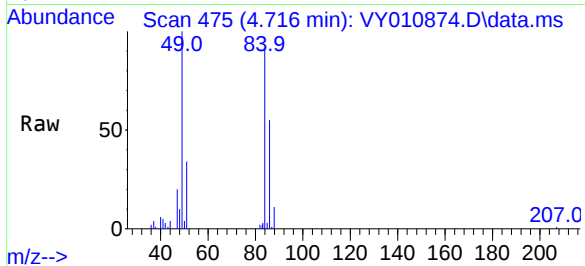




#20
Methylene Chloride
Concen: 2.301 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

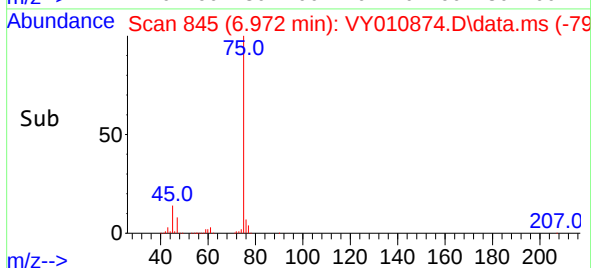
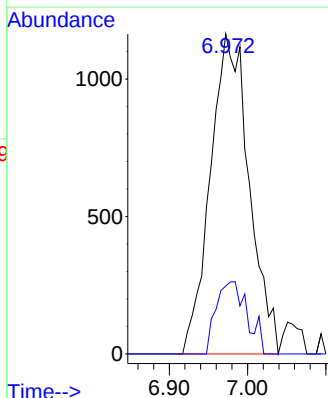
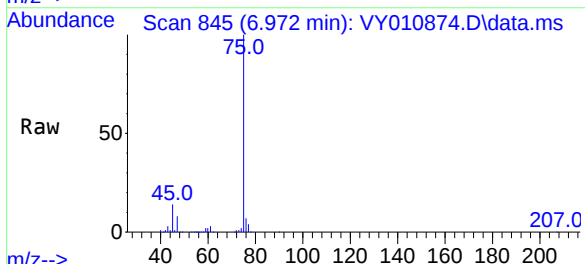
Instrument :
MSVOA_Y
ClientSampleId :
R-2

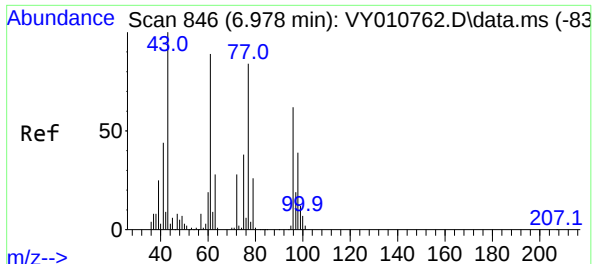
Tgt Ion: 84 Resp: 21000
Ion Ratio Lower Upper
84 100
49 109.6 114.4 171.6#
51 37.4 35.3 52.9
86 60.7 53.7 80.5



#25
2-Butanone
Concen: 4.225 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

Tgt Ion: 43 Resp: 3998
Ion Ratio Lower Upper
43 100
72 21.2 17.7 26.5

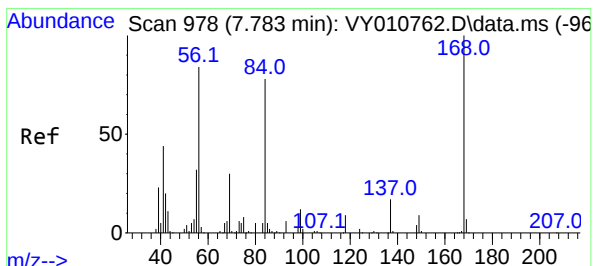
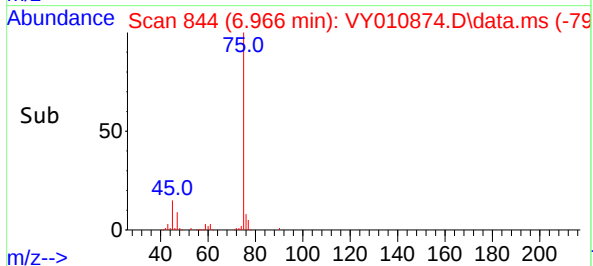
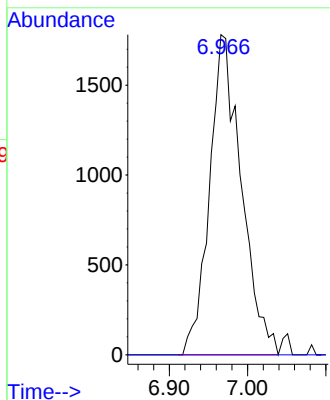
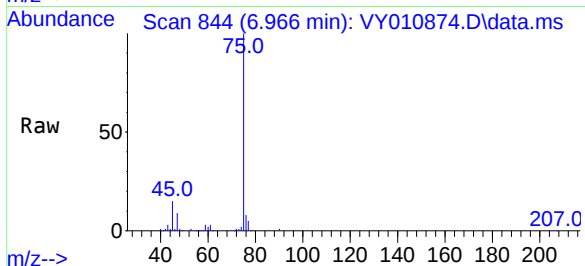




#26
2,2-Dichloropropane
Concen: 1.095 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

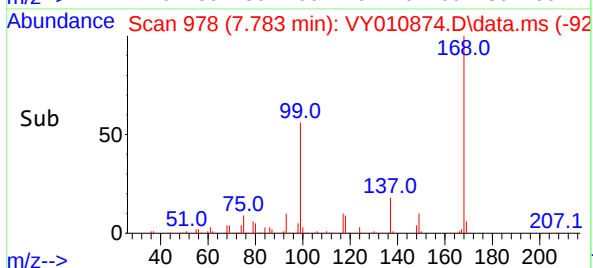
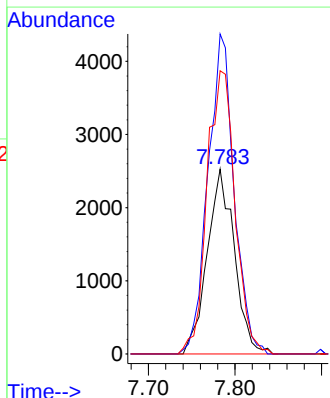
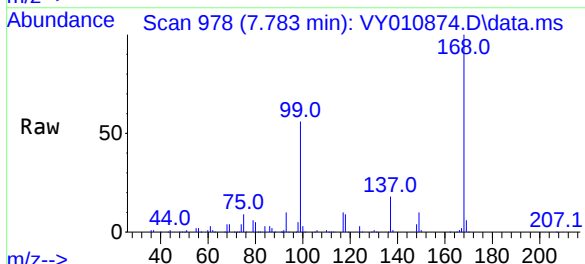
Instrument :
MSVOA_Y
ClientSampleId :
R-2

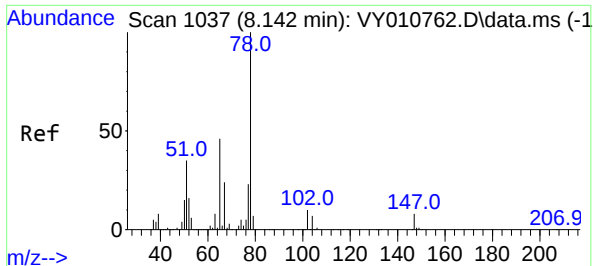
Tgt Ion: 77 Resp: 5022
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

Tgt Ion: 56 Resp: 5499
Ion Ratio Lower Upper
56 100
69 173.1 26.7 40.1#
84 153.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.379 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010874.D

Acq: 07 Oct 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

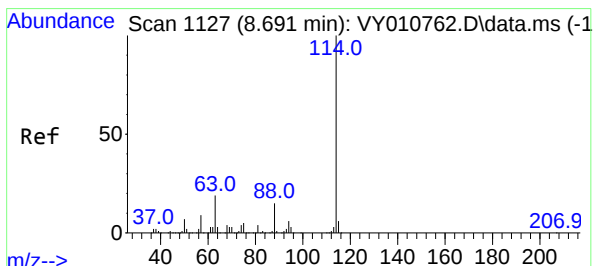
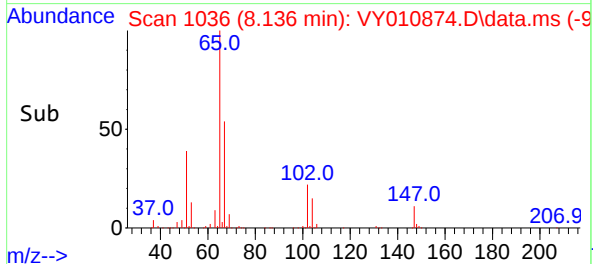
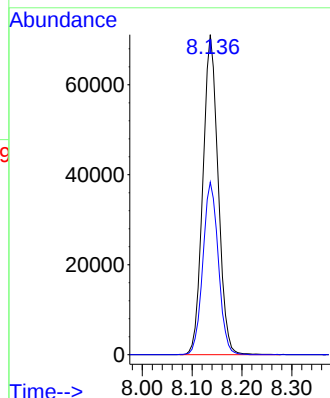
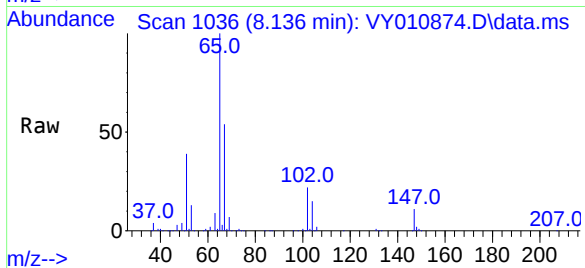
R-2

Tgt Ion: 65 Resp: 151307

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010874.D

Acq: 07 Oct 2022 16:05

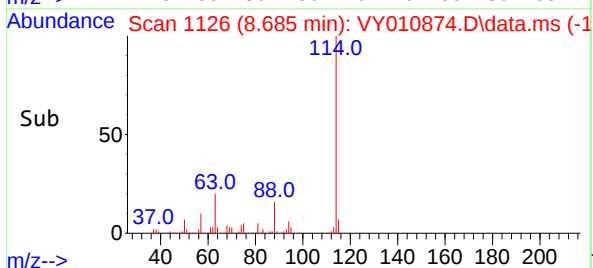
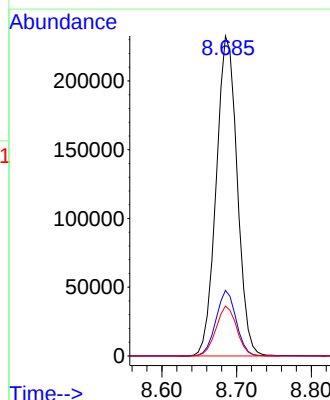
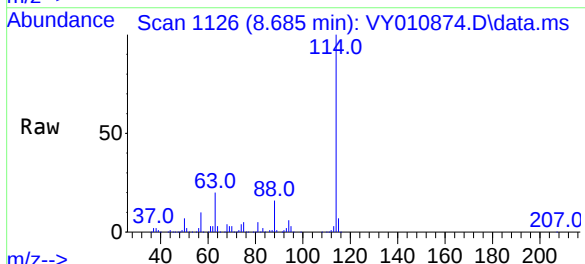
Tgt Ion: 114 Resp: 454972

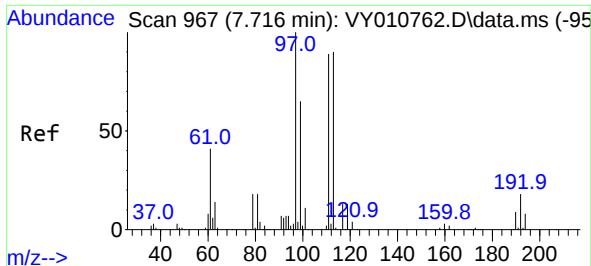
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.6 0.0 31.8

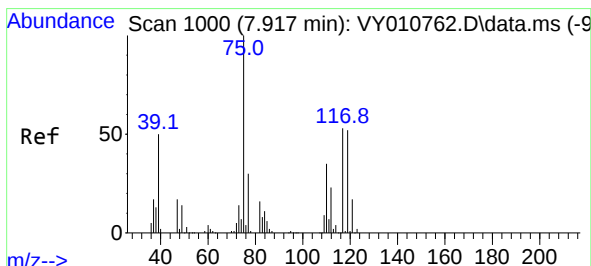
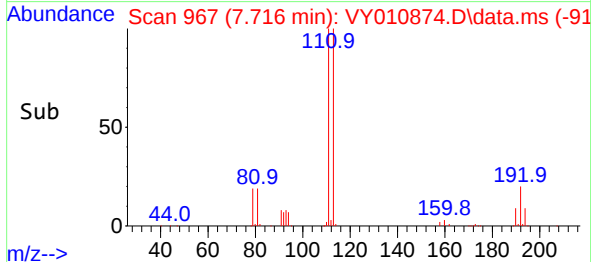
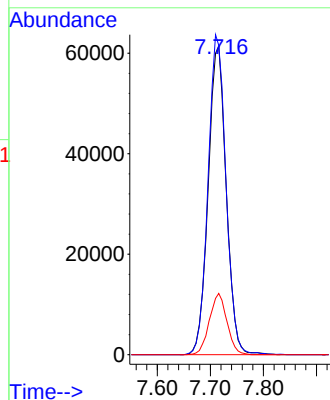
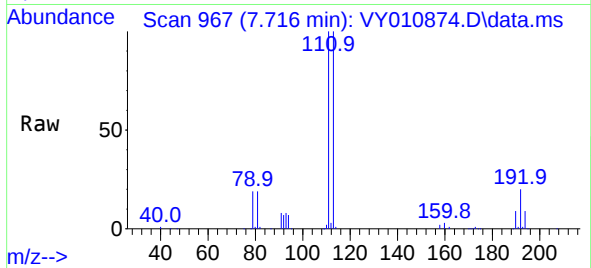




#35
Dibromofluoromethane
Concen: 48.089 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

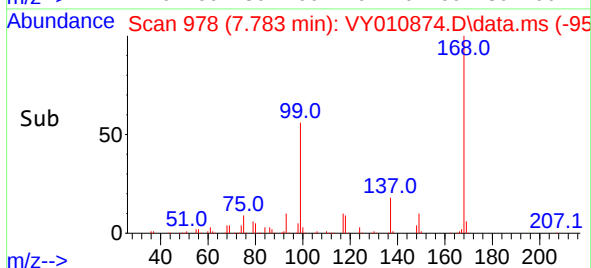
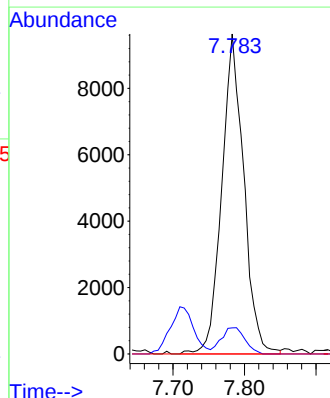
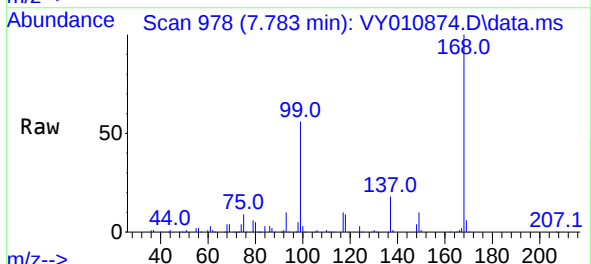
Instrument :
MSVOA_Y
ClientSampleId :
R-2

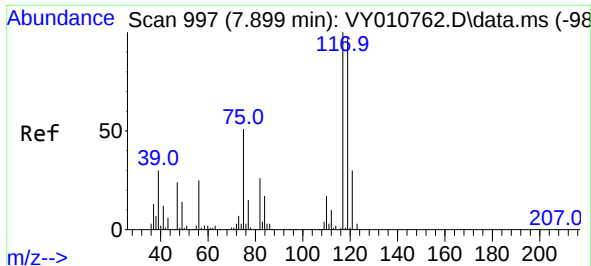
Tgt Ion:113 Resp: 145236
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.719 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

Tgt Ion: 75 Resp: 20575
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

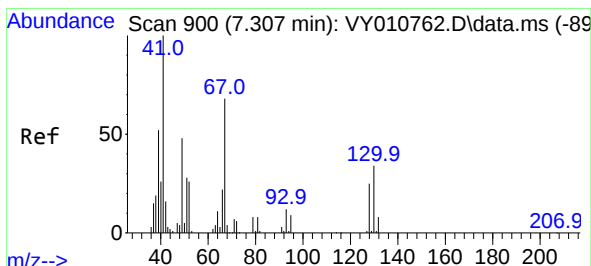
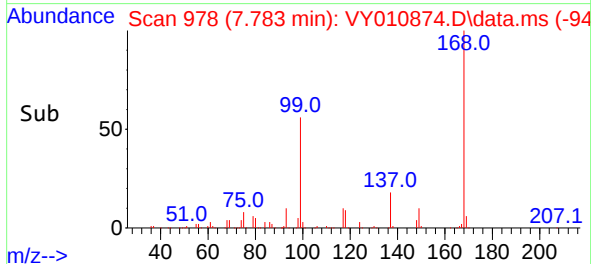
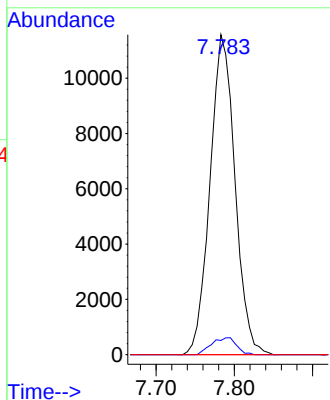
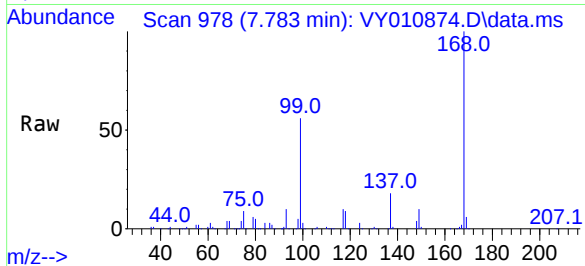




#38
Carbon Tetrachloride
Concen: 5.650 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

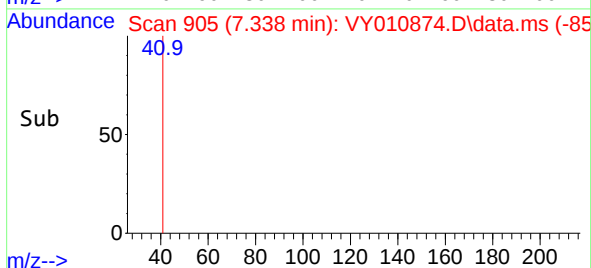
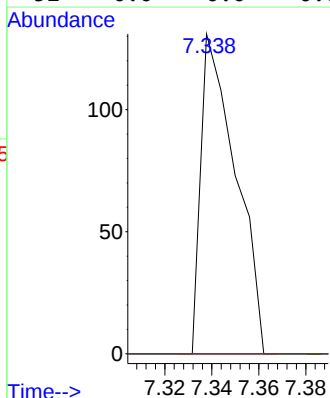
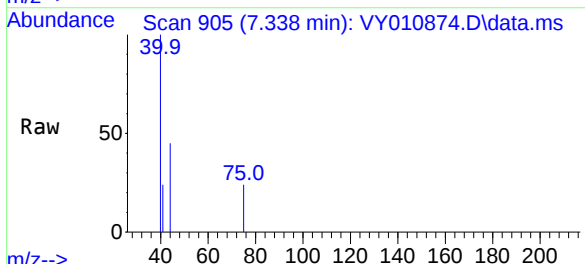
Instrument :
MSVOA_Y
ClientSampleId :
R-2

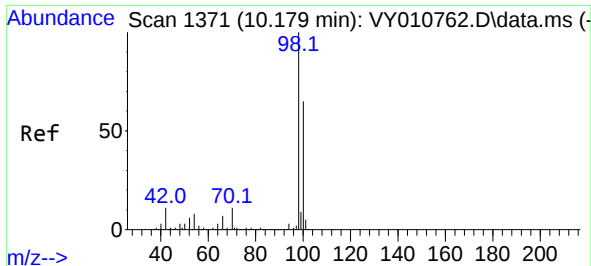
Tgt Ion:117 Resp: 25659
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.683 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

Tgt Ion: 41 Resp: 135
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

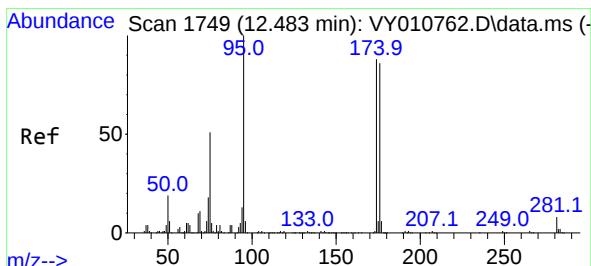
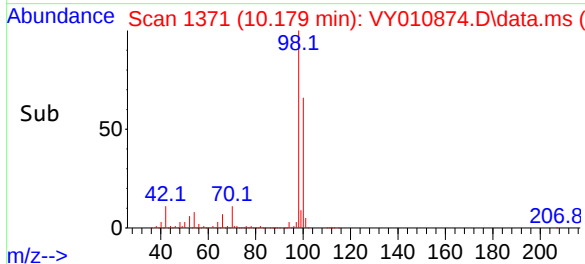
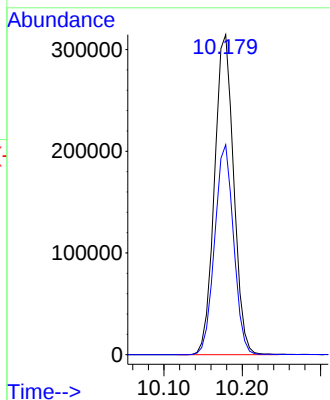
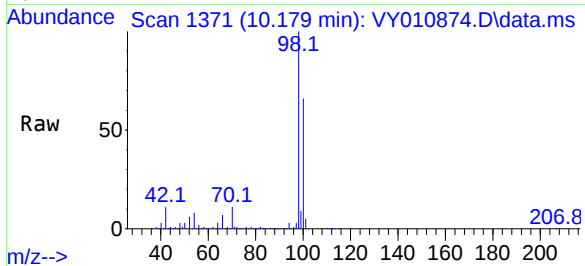




#50
Toluene-d8
Concen: 51.852 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

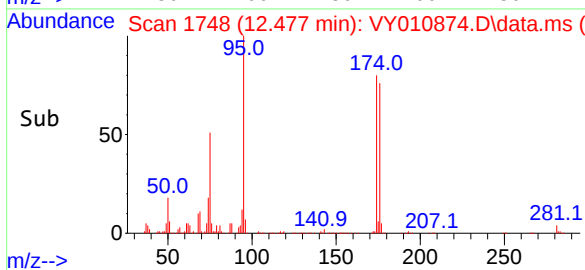
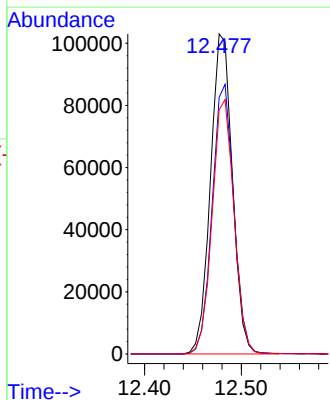
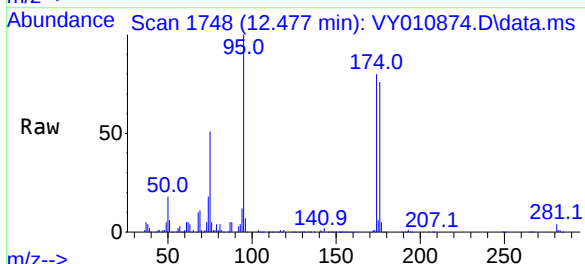
Instrument :
MSVOA_Y
ClientSampleId :
R-2

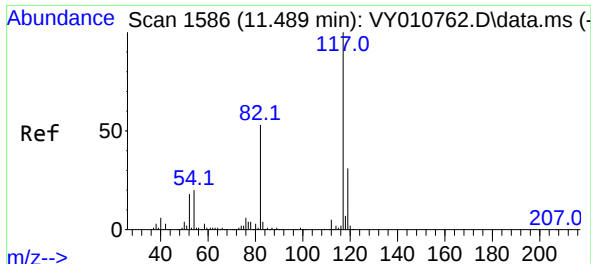
Tgt Ion: 98 Resp: 535558
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.363 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

Tgt Ion: 95 Resp: 161994
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 79.3 0.0 175.8

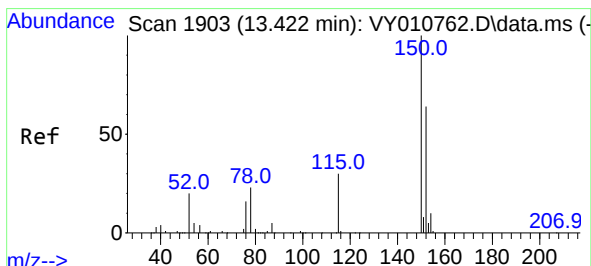
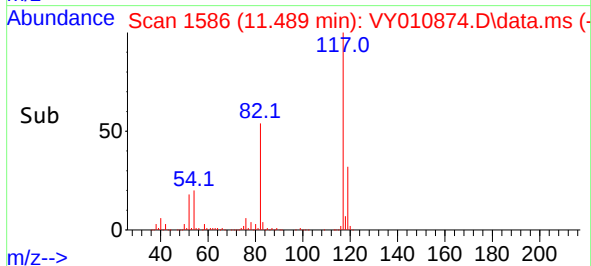
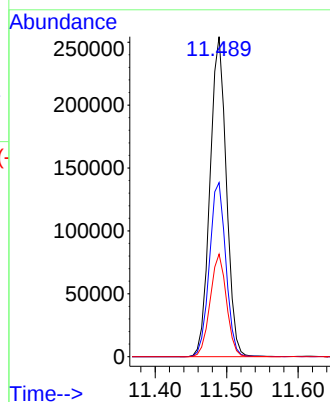
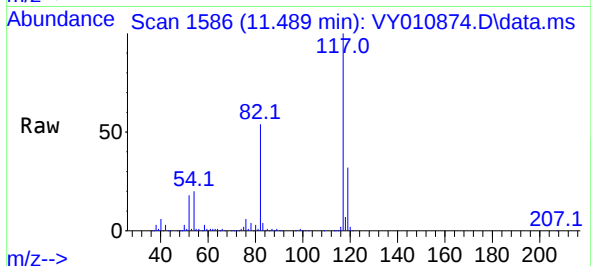




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

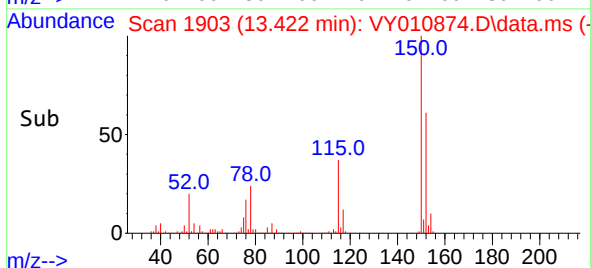
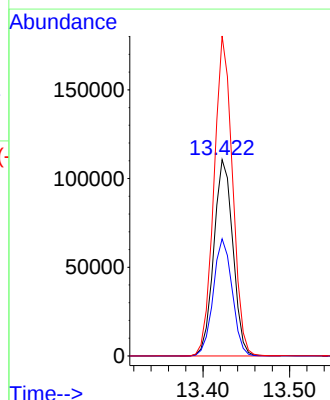
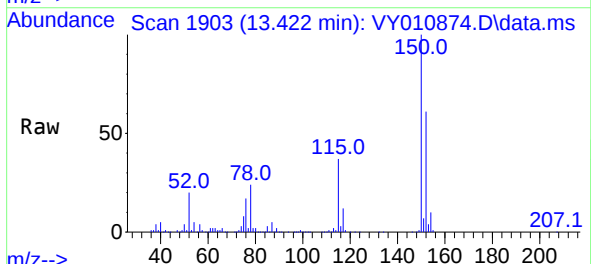
Instrument :
MSVOA_Y
ClientSampleId :
R-2

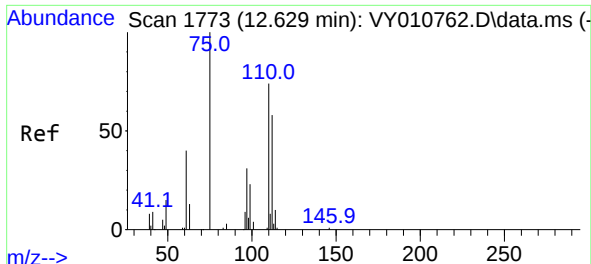
Tgt Ion:117 Resp: 404050
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

Tgt Ion:152 Resp: 169282
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 158.7 0.0 347.6

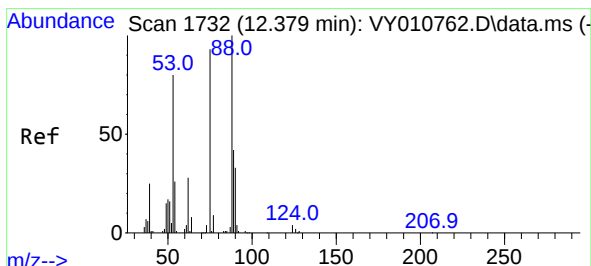
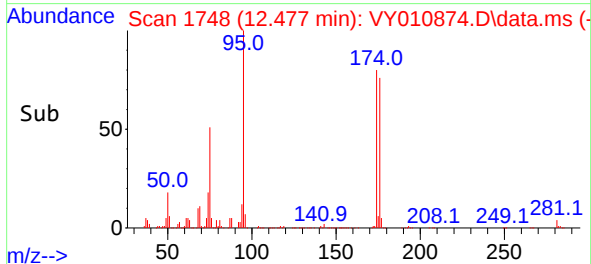
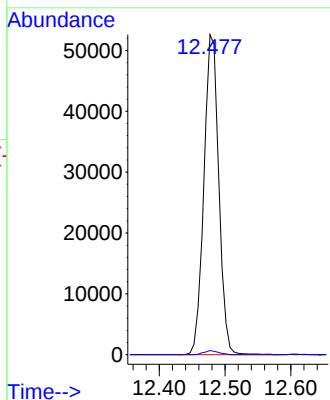
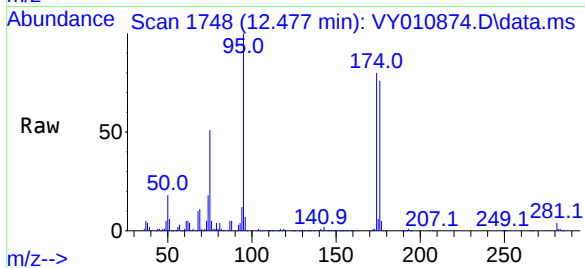




#76
1,2,3-Trichloropropane
Concen: 48.299 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :
R-2

Tgt Ion: 75 Resp: 82799
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.892 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010874.D
Acq: 07 Oct 2022 16:05

Tgt Ion: 75 Resp: 82799
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

