

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010813.D
 Acq On : 05 Oct 2022 12:37
 Operator : KP/MD
 Sample : N4948-03RE
 Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-8

Quant Time: Oct 06 09:16:52 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)

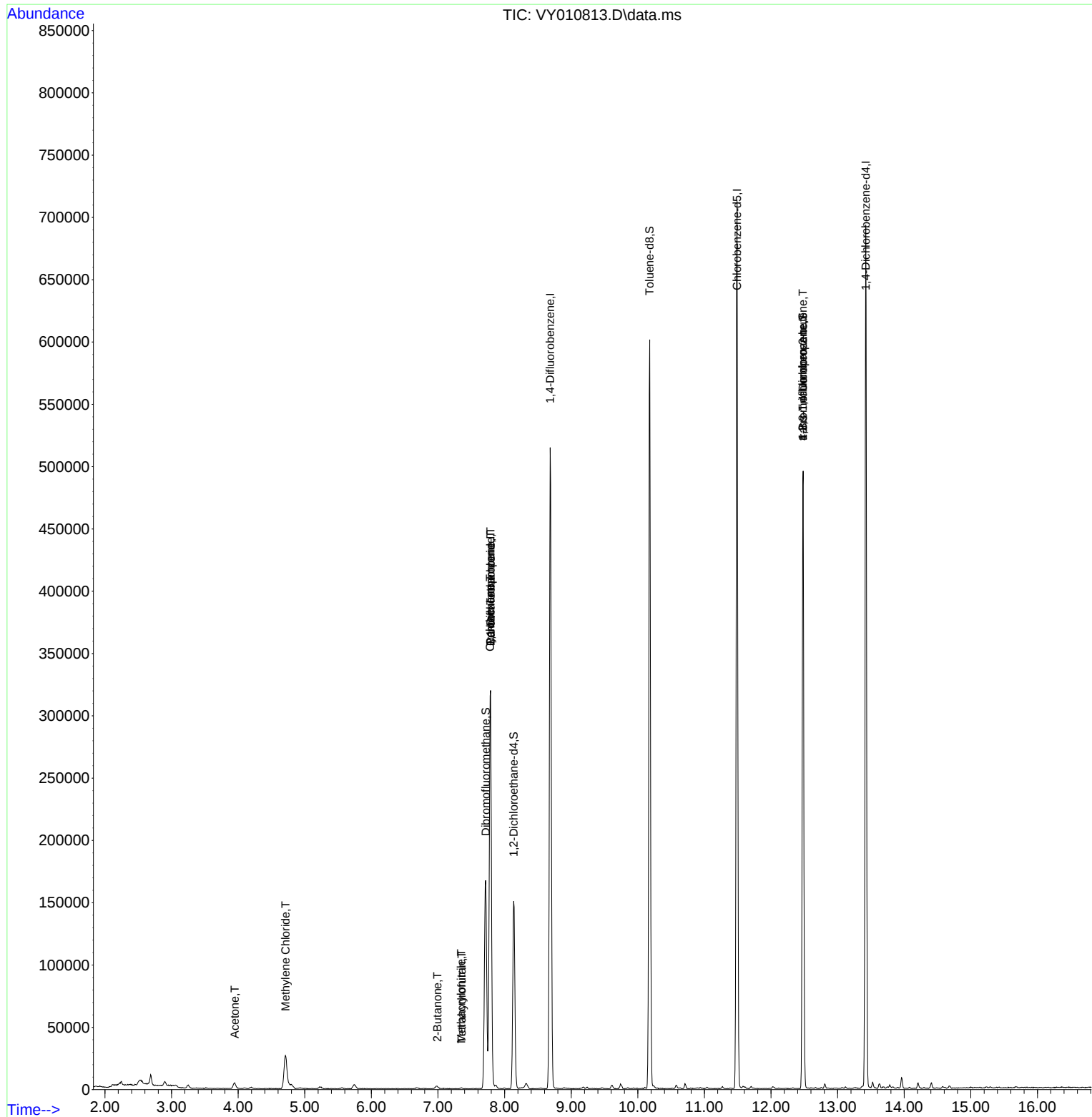
Internal Standards						
1) Pentafluorobenzene	7.789	168	250438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	438794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	383256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117037	46.105	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.200%		
35) Dibromofluoromethane	7.716	113	121457	41.698	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.400%		
50) Toluene-d8	10.179	98	392001	39.353	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.700%		
62) 4-Bromofluorobenzene	12.477	95	144450	36.094	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	72.180%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	701	Below Cal	#	77
16) Acetone	3.948	43	8010	12.424	ug/l #	89
20) Methylene Chloride	4.710	84	20275	2.185	ug/l #	81
25) 2-Butanone	6.990	43	1518	1.638	ug/l #	49
29) Tetrahydrofuran	7.356	42	561	1.029	ug/l #	62
31) Cyclohexane	7.783	56	5358	1.179	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	19457	4.627	ug/l #	50
38) Carbon Tetrachloride	7.789	117	25144	5.741	ug/l #	15
41) Methacrylonitrile	7.350	41	275	2.797	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	75906	43.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75906	90.033	ug/l #	7

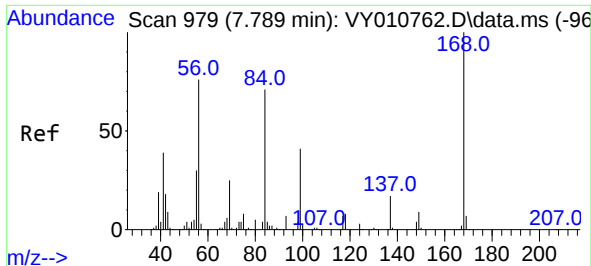
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
Data File : VY010813.D
Acq On : 05 Oct 2022 12:37
Operator : KP/MD
Sample : N4948-03RE
Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-8

Quant Time: Oct 06 09:16:52 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

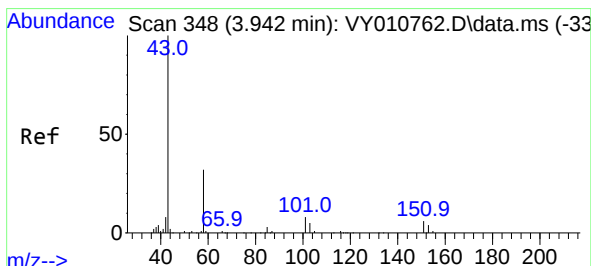
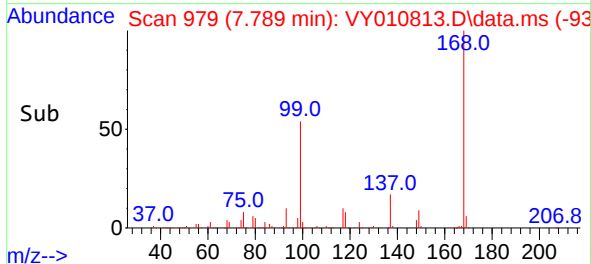
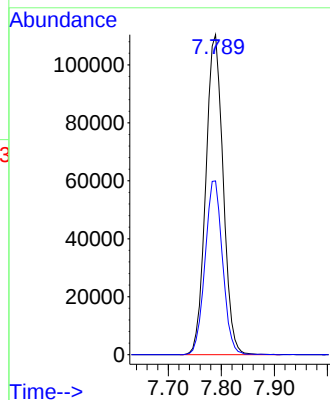
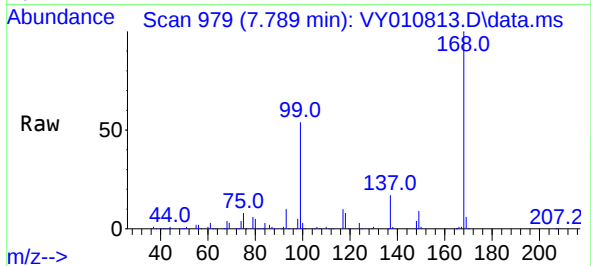




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

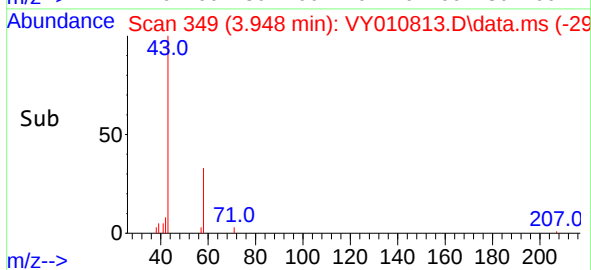
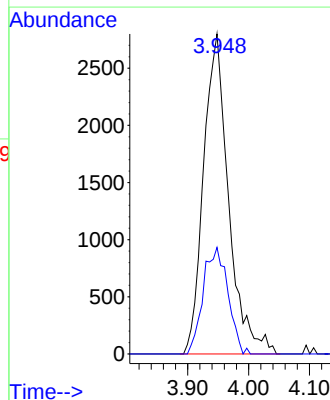
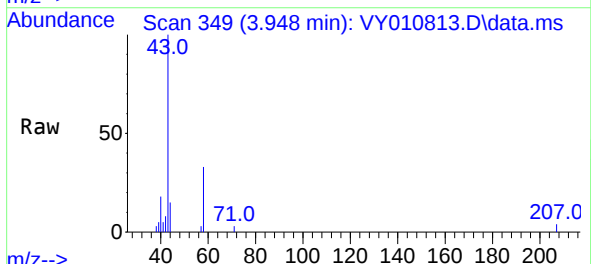
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

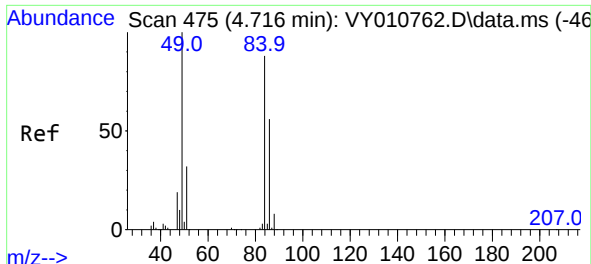
Tgt Ion:168 Resp: 250438
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#16
Acetone
Concen: 12.424 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

Tgt Ion: 43 Resp: 8010
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#



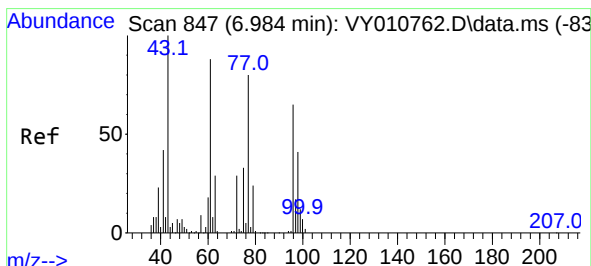
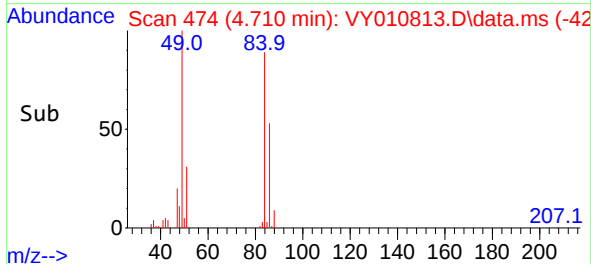
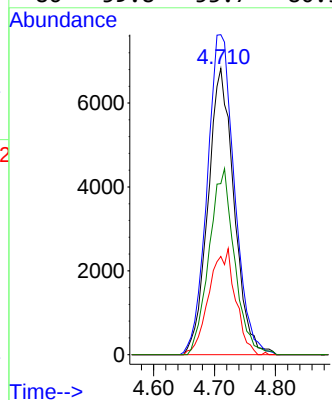
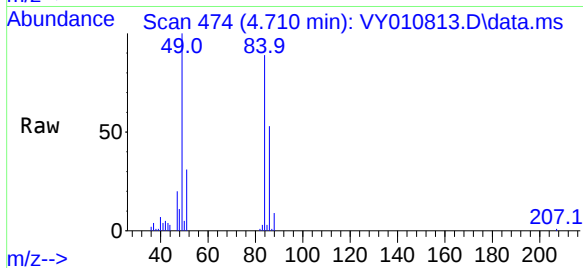


#20
Methylene Chloride
Concen: 2.185 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

Instrument :
MSVOA_Y
ClientSampleId :
PE-8

Tgt Ion: 84 Resp: 20275

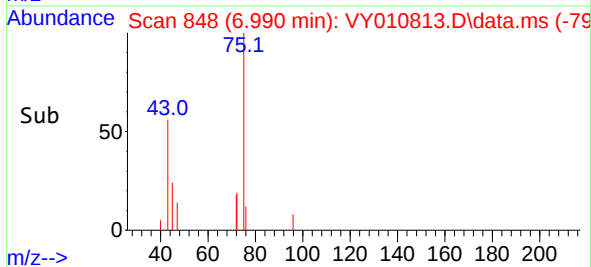
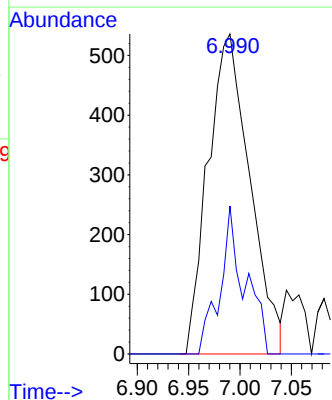
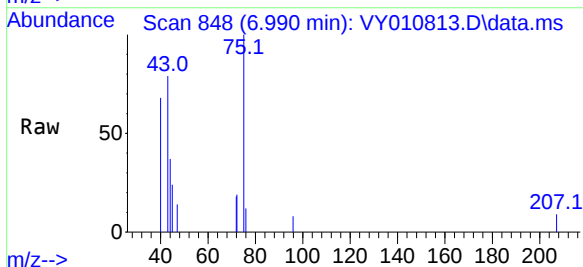
Ion	Ratio	Lower	Upper
84	100		
49	111.8	114.4	171.6#
51	34.3	35.3	52.9#
86	59.8	53.7	80.5

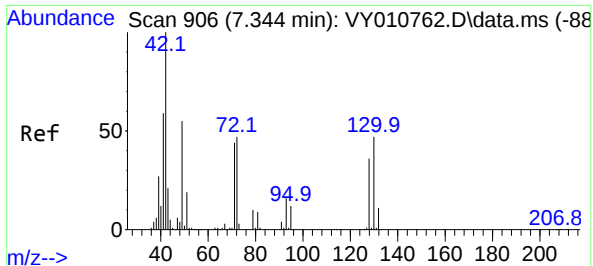


#25
2-Butanone
Concen: 1.638 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

Tgt Ion: 43 Resp: 1518

Ion	Ratio	Lower	Upper
43	100		
72	46.3	17.7	26.5#





#29

Tetrahydrofuran

Concen: 1.029 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY010813.D

Acq: 05 Oct 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

PE-8

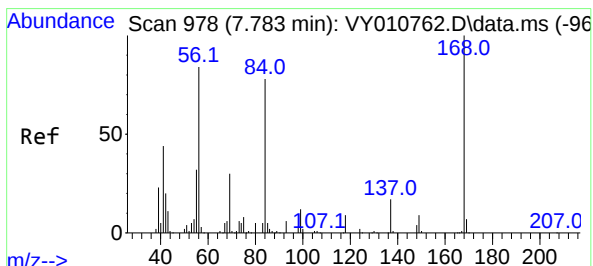
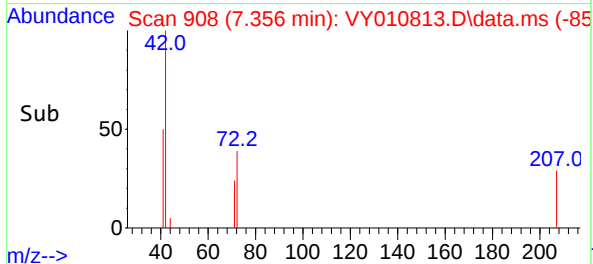
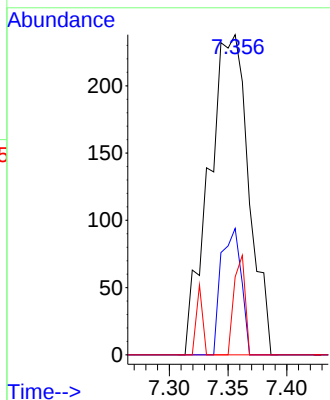
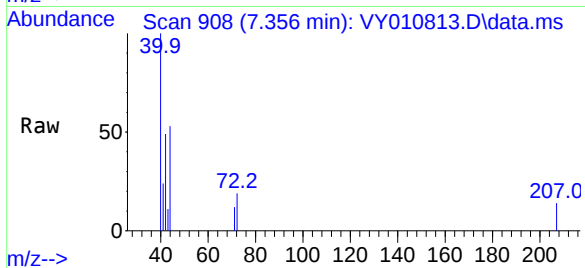
Tgt Ion: 42 Resp: 561

Ion Ratio Lower Upper

42 100

72 19.8 30.3 45.5#

71 8.6 29.0 43.4#



#31

Cyclohexane

Concen: 1.179 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY010813.D

Acq: 05 Oct 2022 12:37

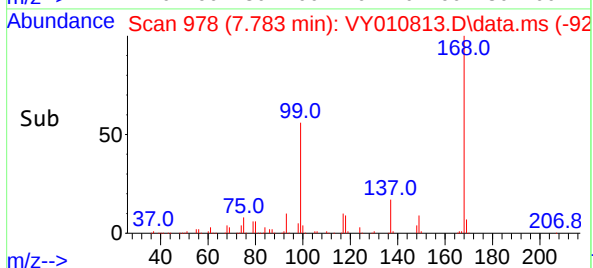
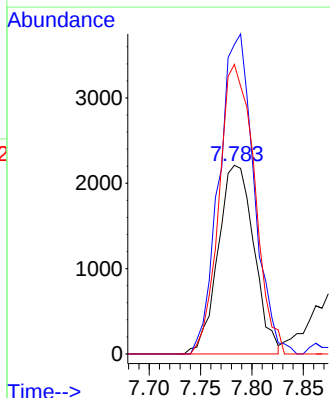
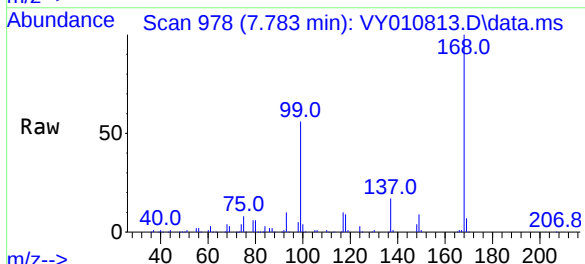
Tgt Ion: 56 Resp: 5358

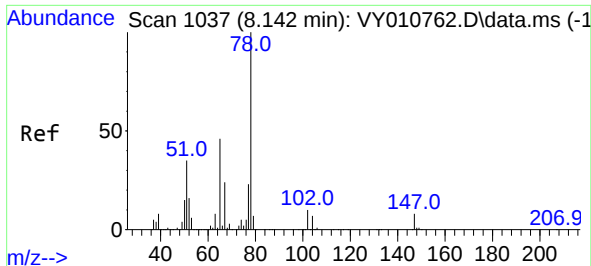
Ion Ratio Lower Upper

56 100

69 164.1 26.7 40.1#

84 153.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 46.105 ug/l

RT: 8.136 min Scan# 11037

Delta R.T. -0.006 min

Lab File: VY010813.D

Acq: 05 Oct 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

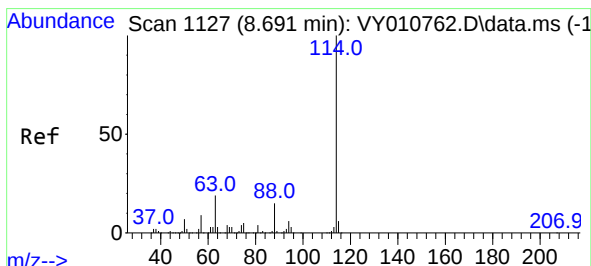
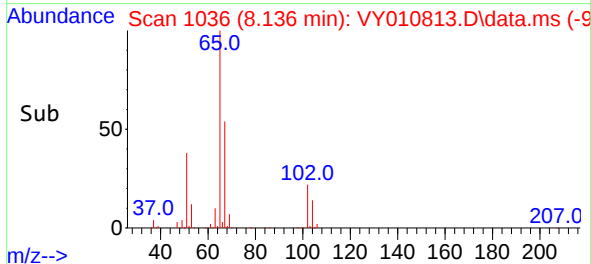
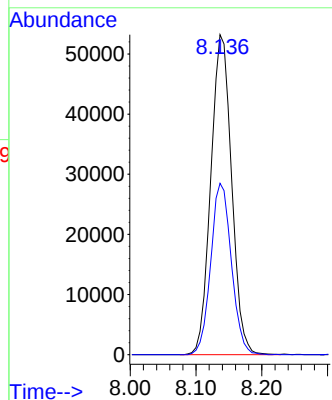
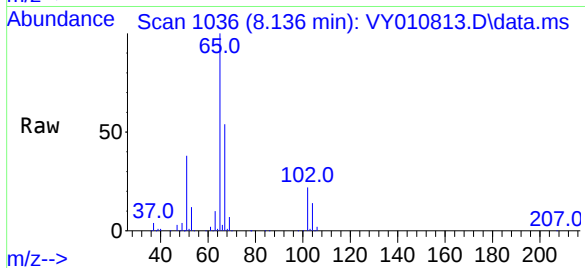
PE-8

Tgt Ion: 65 Resp: 117037

Ion Ratio Lower Upper

65 100

67 53.1 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: VY010813.D

Acq: 05 Oct 2022 12:37

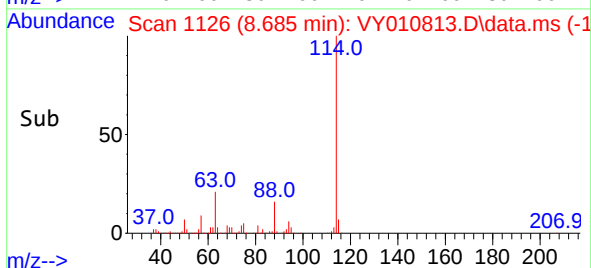
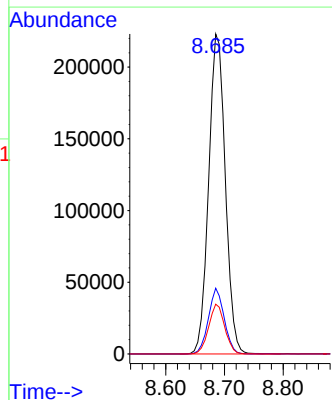
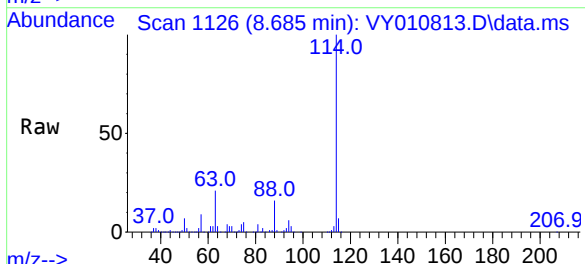
Tgt Ion: 114 Resp: 438794

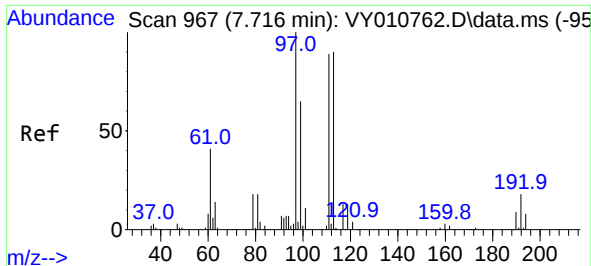
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.6 0.0 31.8

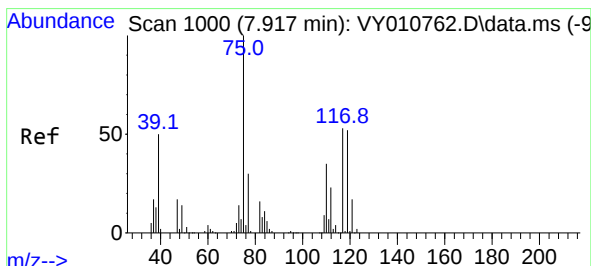
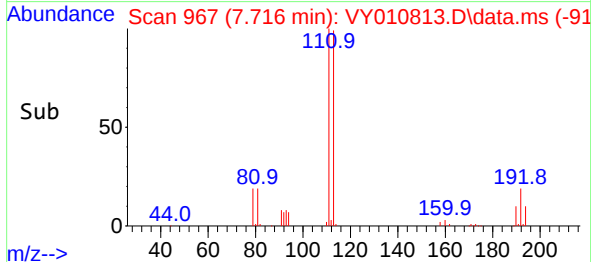
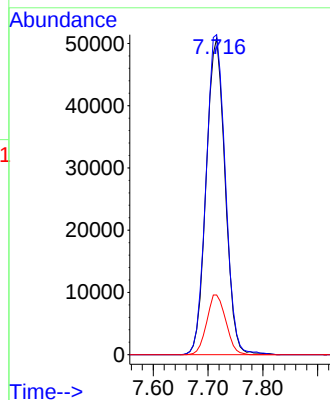
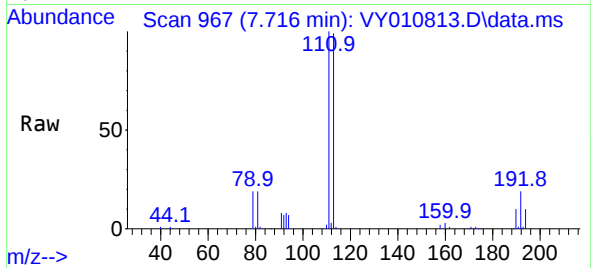




#35
Dibromofluoromethane
Concen: 41.698 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

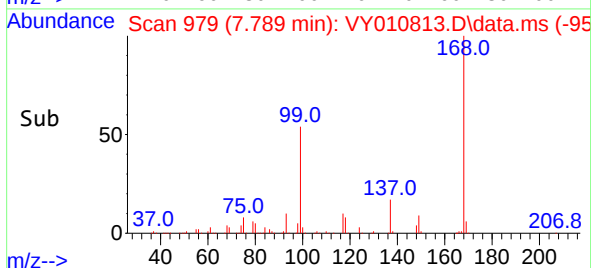
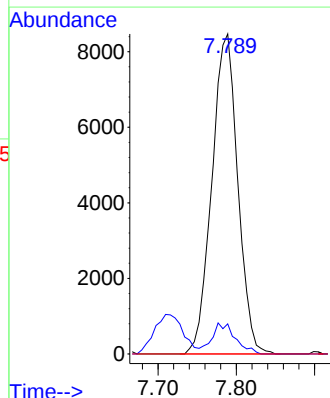
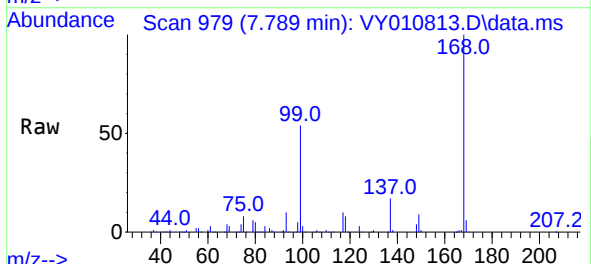
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

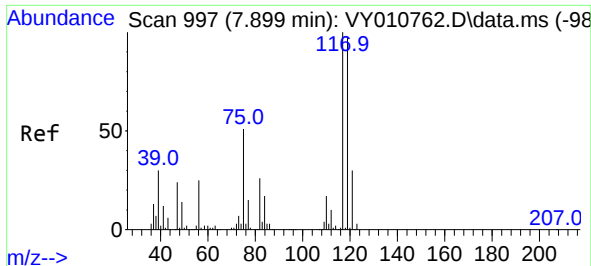
Tgt Ion:113 Resp: 121457
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.627 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

Tgt Ion: 75 Resp: 19457
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#

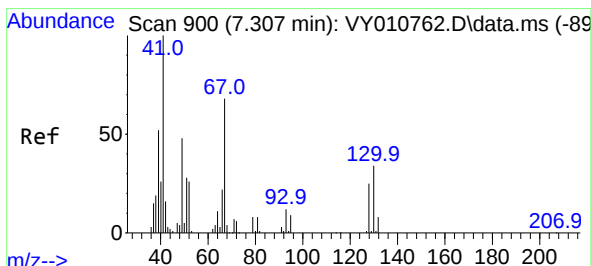
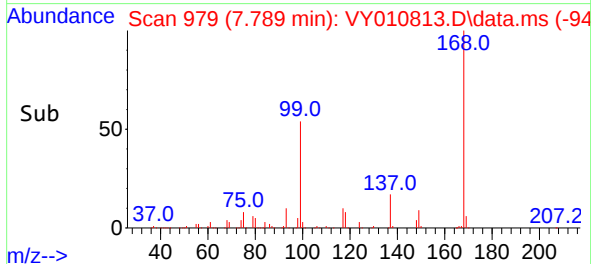
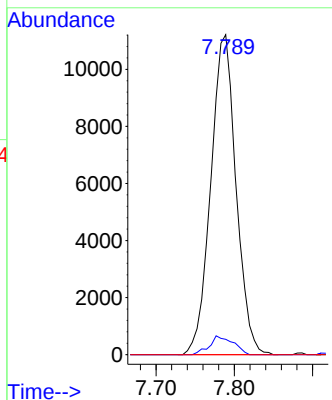
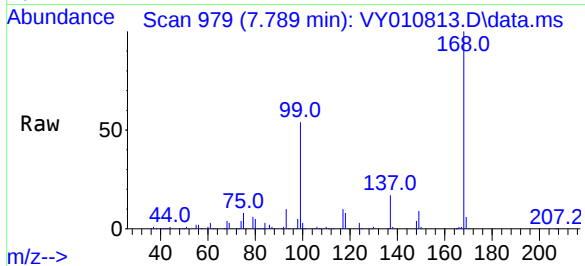




#38
Carbon Tetrachloride
Concen: 5.741 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

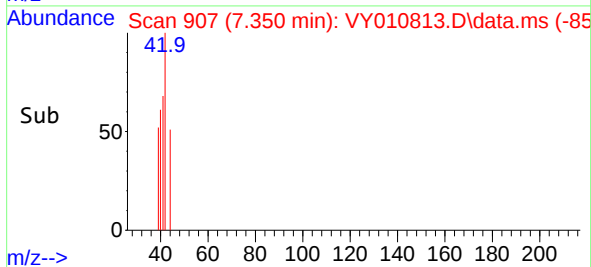
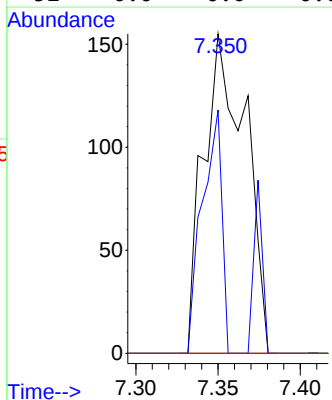
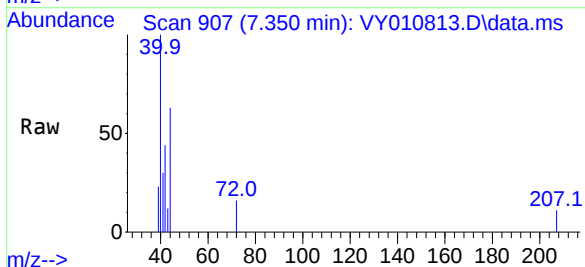
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

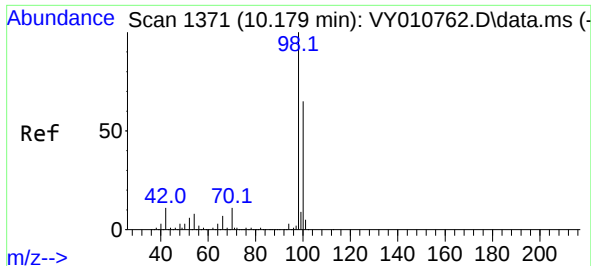
Tgt Ion:117 Resp: 25144
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.797 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

Tgt Ion: 41 Resp: 275
Ion Ratio Lower Upper
41 100
39 35.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

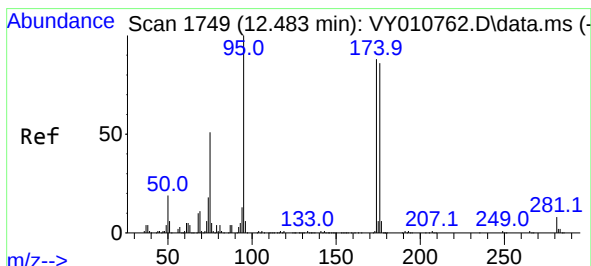
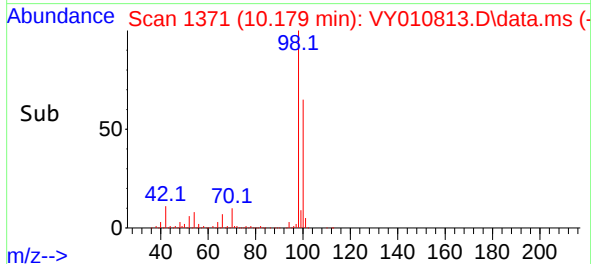
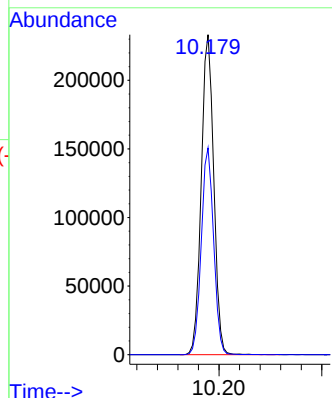
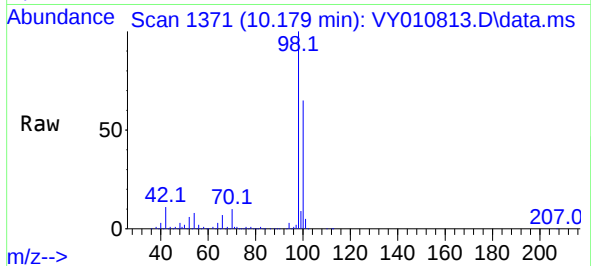




#50
Toluene-d8
Concen: 39.353 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

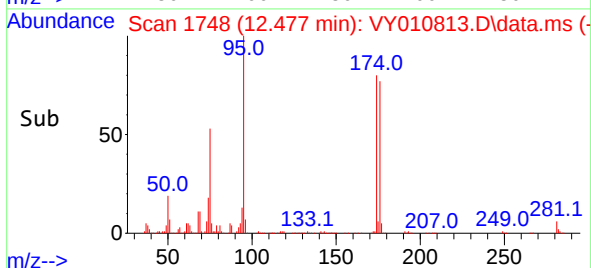
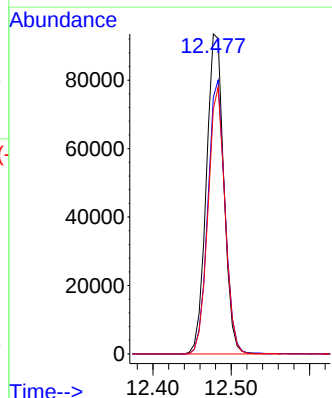
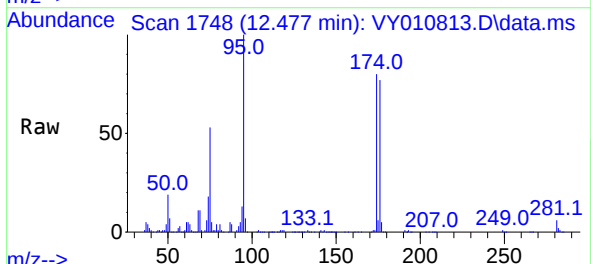
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

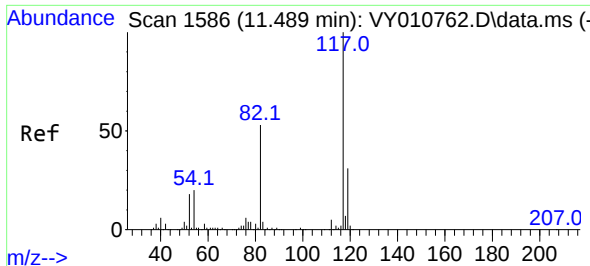
Tgt Ion: 98 Resp: 392001
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.094 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

Tgt Ion: 95 Resp: 144450
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.8 0.0 175.8

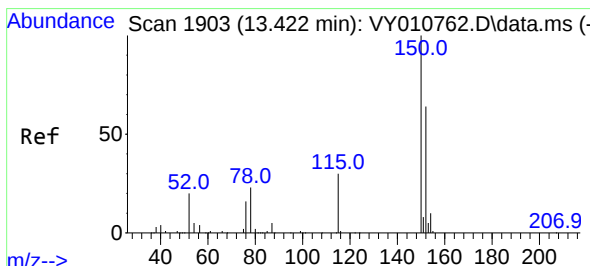
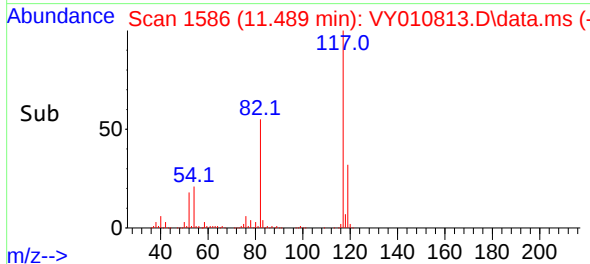
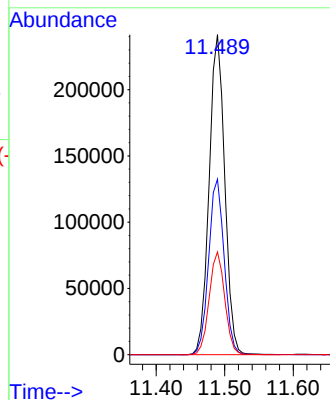
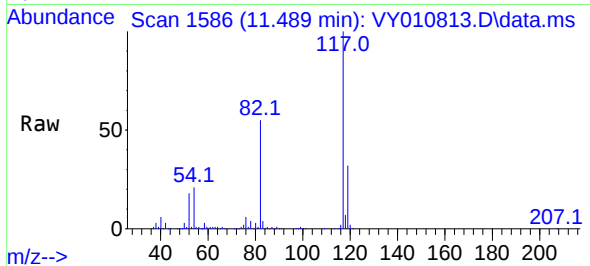




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

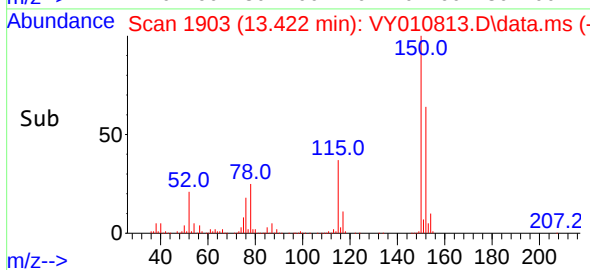
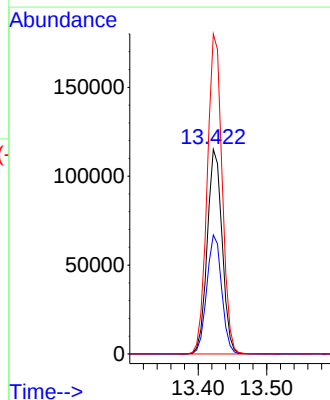
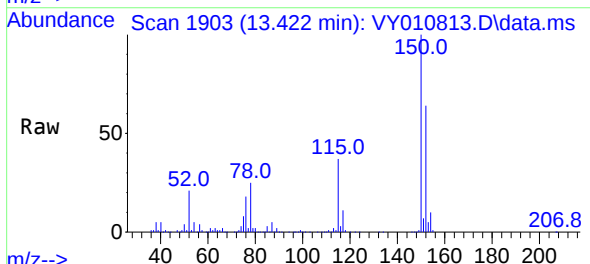
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

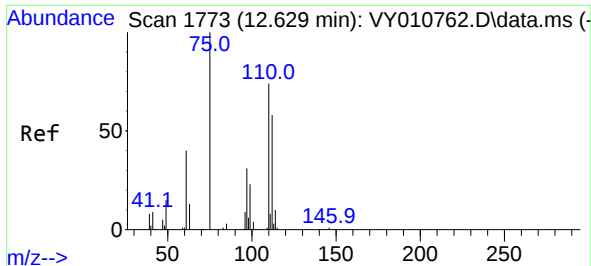
Tgt Ion:117 Resp: 383256
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

Tgt Ion:152 Resp: 173908
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 156.7 0.0 347.6

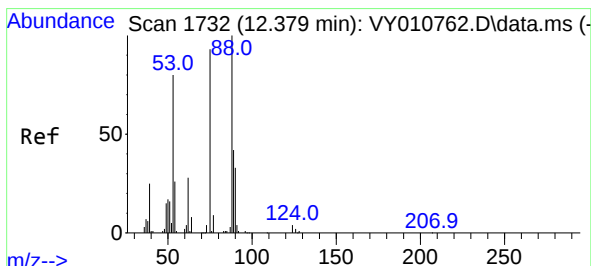
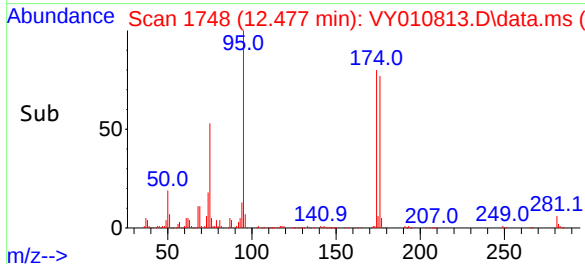
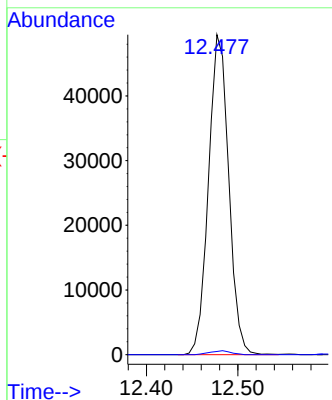
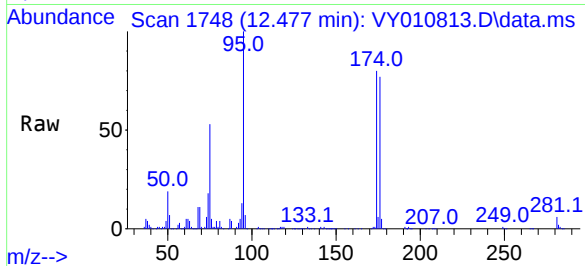




#76
1,2,3-Trichloropropane
Concen: 43.100 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

Instrument :
MSVOA_Y
ClientSampleId :
PE-8

Tgt Ion: 75 Resp: 75906
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.033 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010813.D
Acq: 05 Oct 2022 12:37

Tgt Ion: 75 Resp: 75906
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

