

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010819.D
 Acq On : 05 Oct 2022 14:53
 Operator : KP/MD
 Sample : N4960-05RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-03-100322

Quant Time: Oct 06 09:18:33 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)

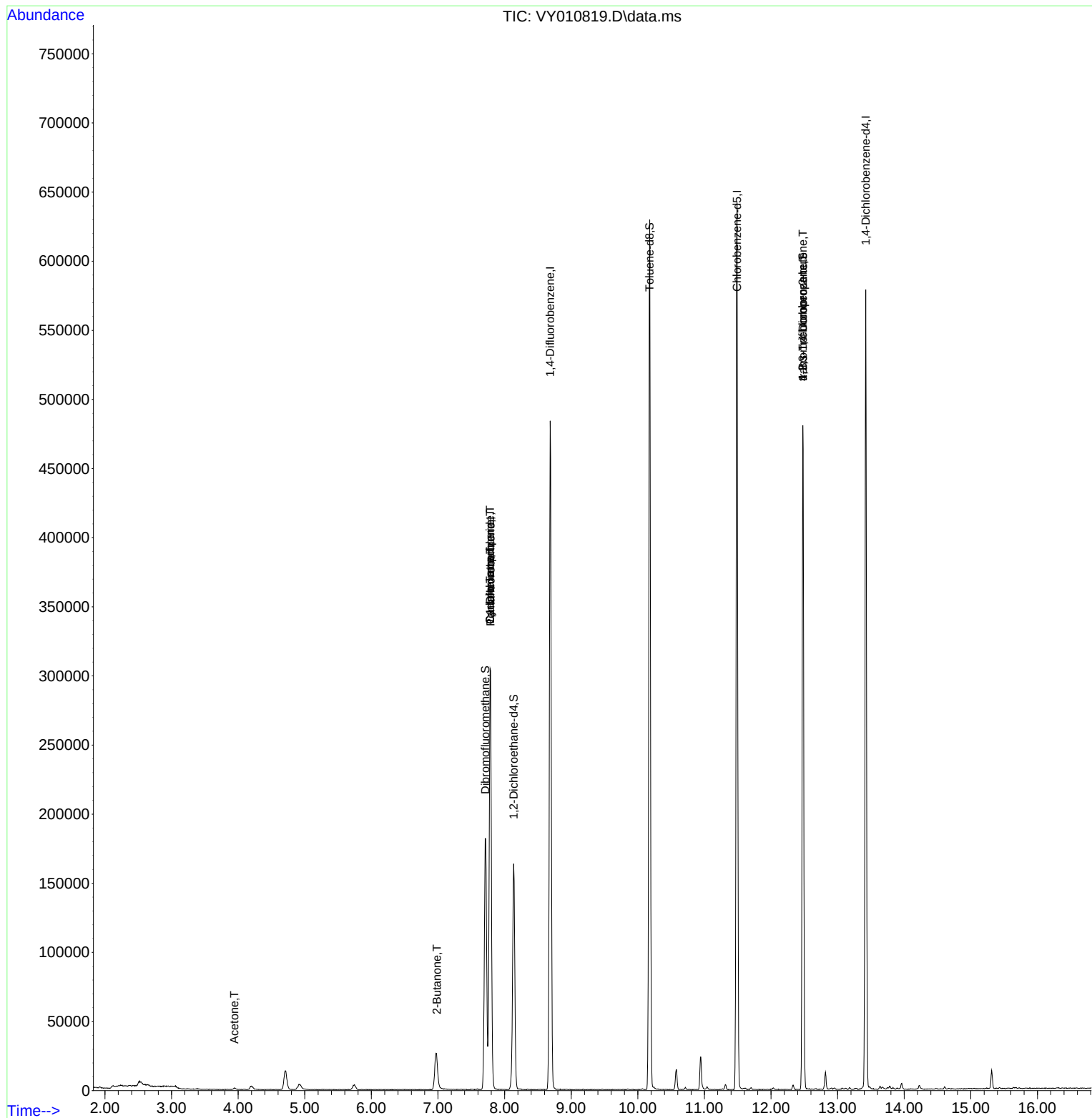
Internal Standards						
1) Pentafluorobenzene	7.789	168	238652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	410967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	348025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	123450	51.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.060%
35) Dibromofluoromethane	7.710	113	131986	48.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.760%
50) Toluene-d8	10.179	98	406257	43.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.100%
62) 4-Bromofluorobenzene	12.477	95	146522	39.421	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.840%
Target Compounds						
11) Tert butyl alcohol	4.911	59	2608	Below Cal	#	77
16) Acetone	3.942	43	1714	2.790	ug/l	100
20) Methylene Chloride	4.710	84	10999	Below Cal		86
25) 2-Butanone	6.984	43	2078	2.353	ug/l #	86
31) Cyclohexane	7.783	56	5033	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	19189	4.873	ug/l #	51
38) Carbon Tetrachloride	7.783	117	23609	5.756	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	75100	51.358	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75100	107.283	ug/l #	7

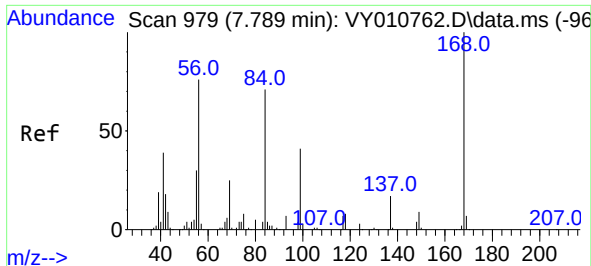
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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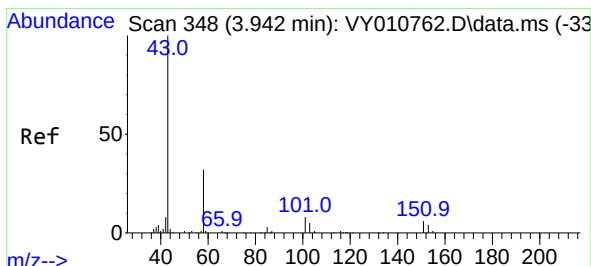
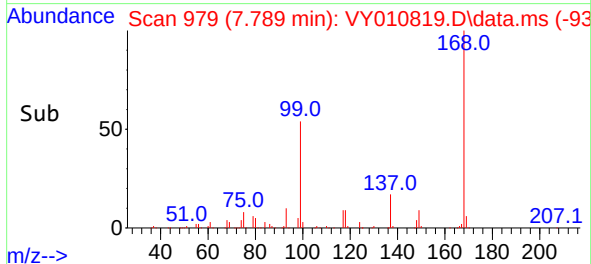
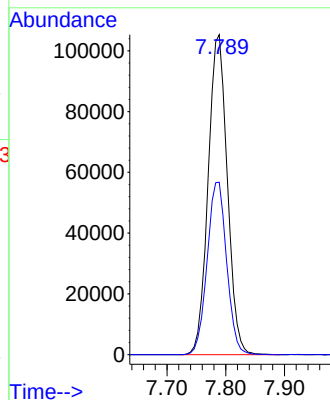
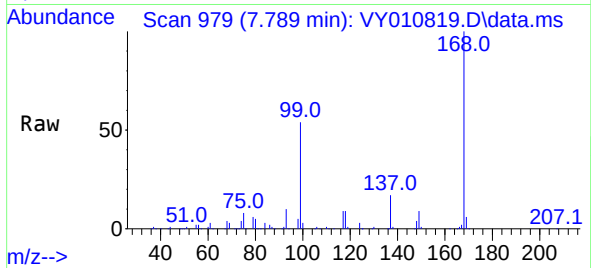




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

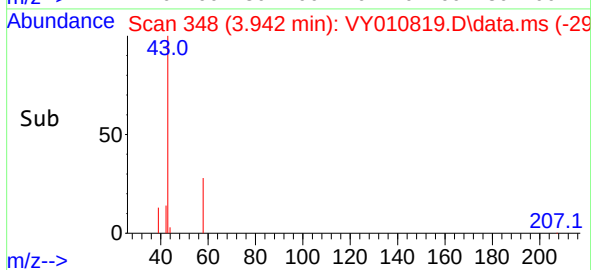
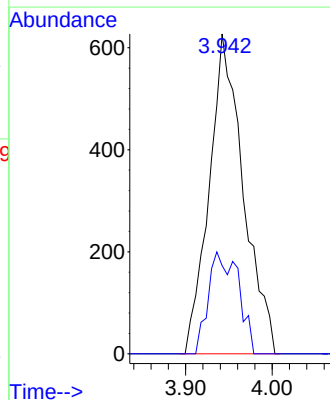
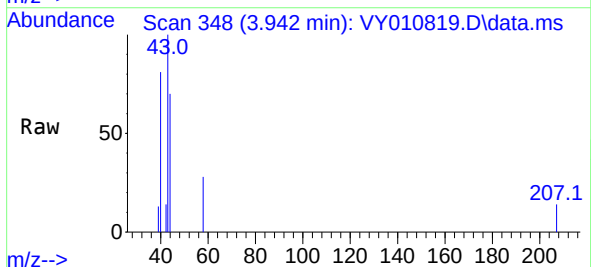
Instrument :
MSVOA_Y
ClientSampleId :
PAT-03-100322

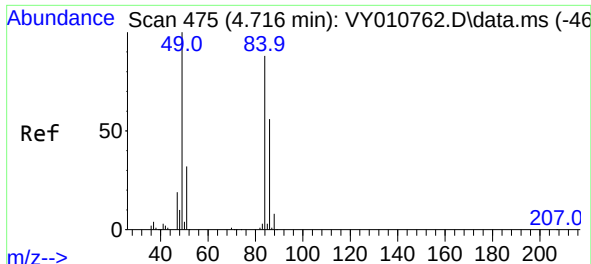
Tgt Ion:168 Resp: 238652
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#16
Acetone
Concen: 2.790 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Tgt Ion: 43 Resp: 1714
Ion Ratio Lower Upper
43 100
58 27.6 22.0 33.0



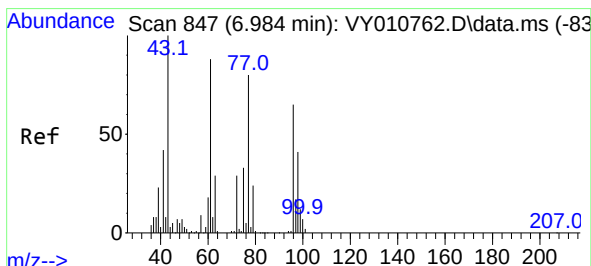
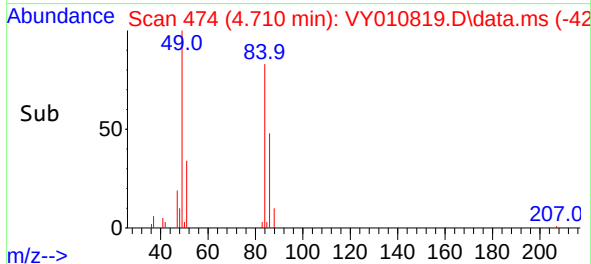
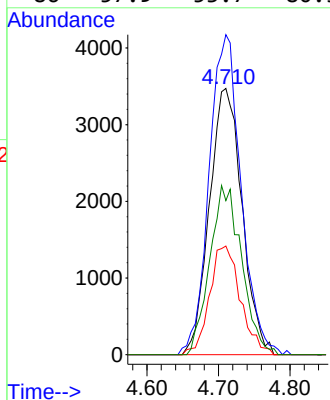
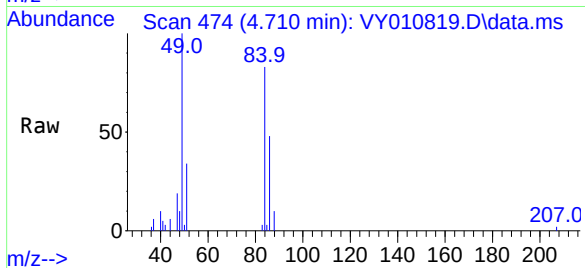


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
PAT-03-100322

Tgt Ion: 84 Resp: 10999

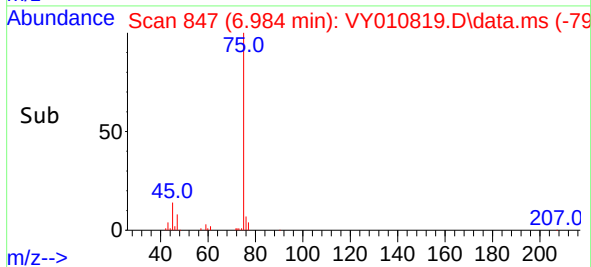
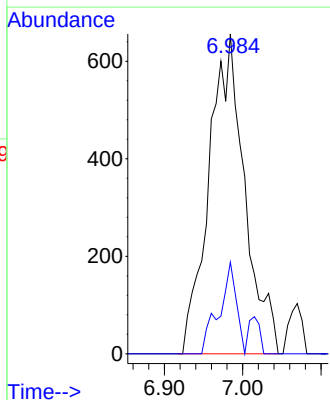
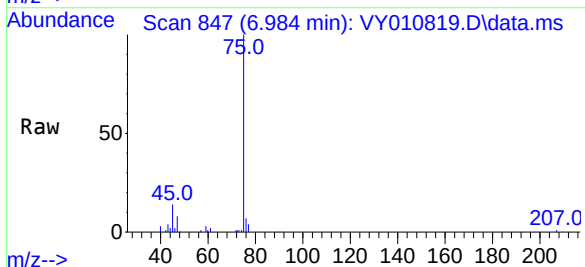
Ion	Ratio	Lower	Upper
84	100		
49	120.2	114.4	171.6
51	40.8	35.3	52.9
86	57.9	53.7	80.5

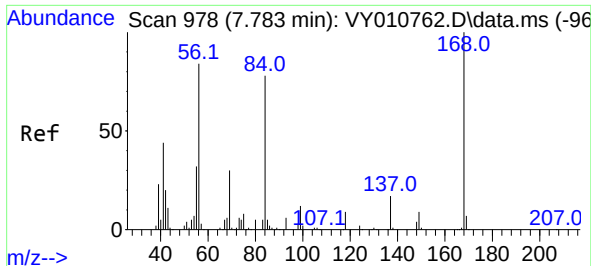


#25
2-Butanone
Concen: 2.353 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Tgt Ion: 43 Resp: 2078

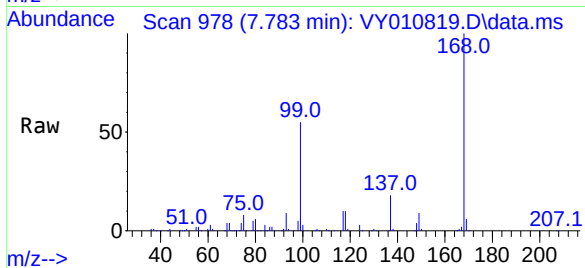
Ion	Ratio	Lower	Upper
43	100		
72	28.7	17.7	26.5#



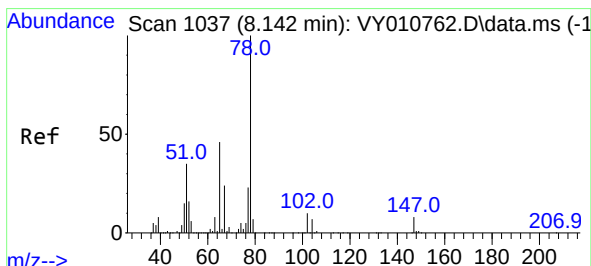
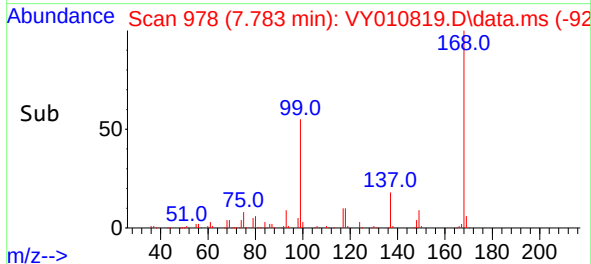
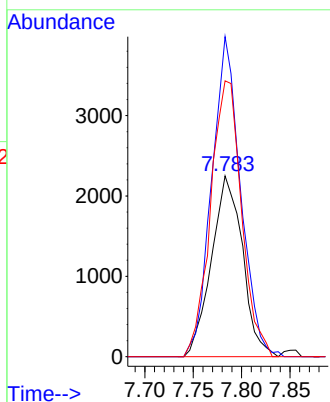


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
PAT-03-100322

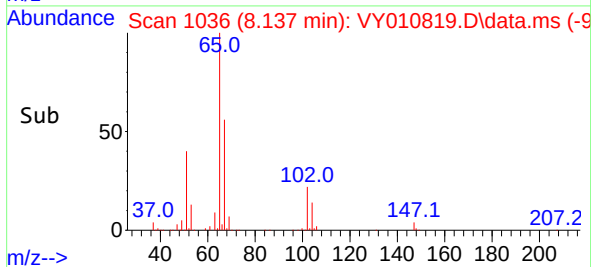
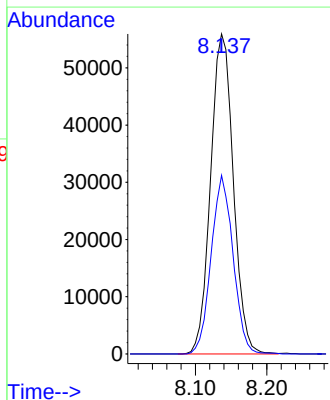
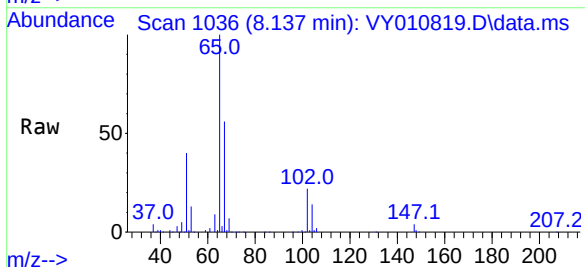


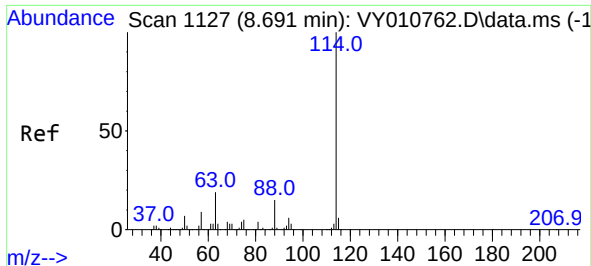
Tgt Ion: 56 Resp: 5033
Ion Ratio Lower Upper
56 100
69 176.9 26.7 40.1#
84 152.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.033 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Tgt Ion: 65 Resp: 123450
Ion Ratio Lower Upper
65 100
67 53.8 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: VY010819.D

Acq: 05 Oct 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

PAT-03-100322

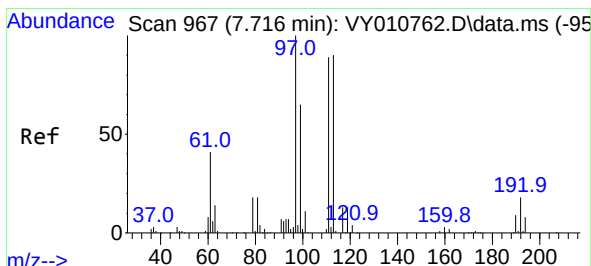
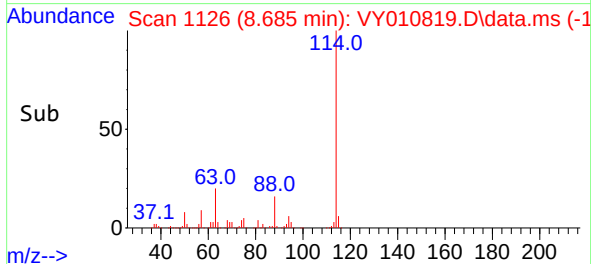
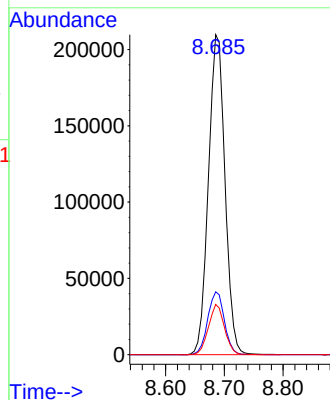
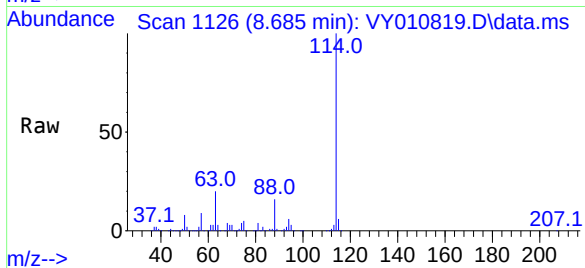
Tgt Ion:114 Resp: 410967

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.381 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY010819.D

Acq: 05 Oct 2022 14:53

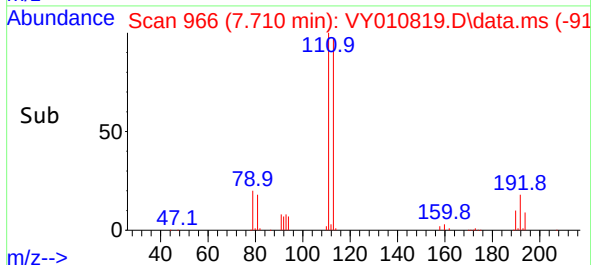
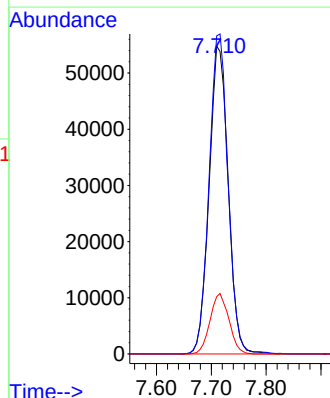
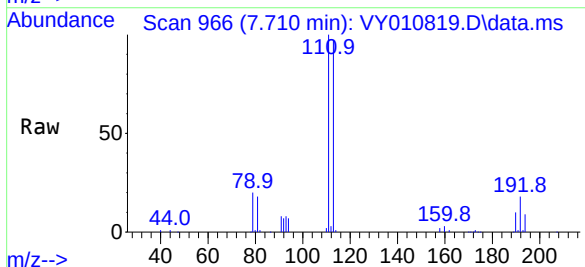
Tgt Ion:113 Resp: 131986

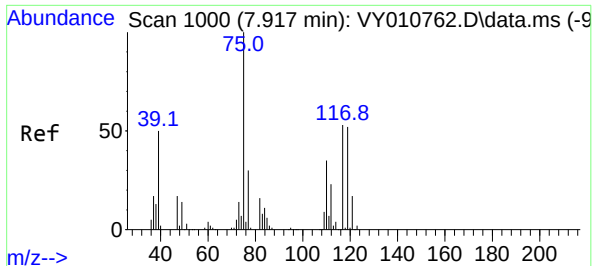
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.873 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010819.D

Acq: 05 Oct 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

PAT-03-100322

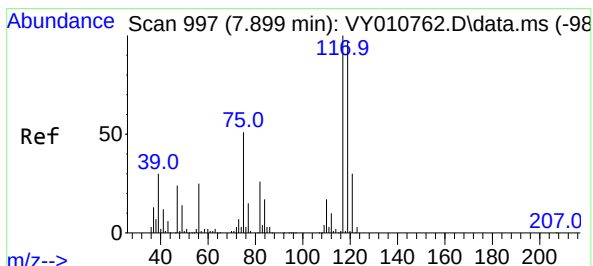
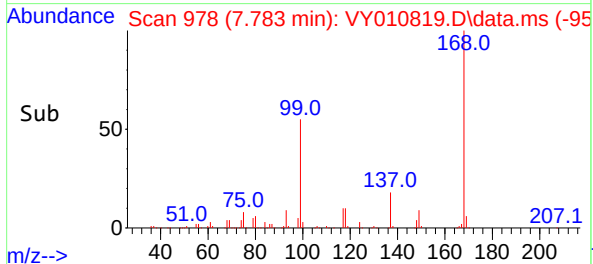
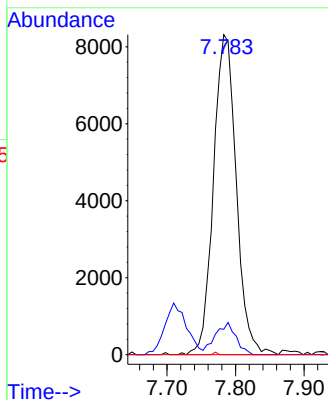
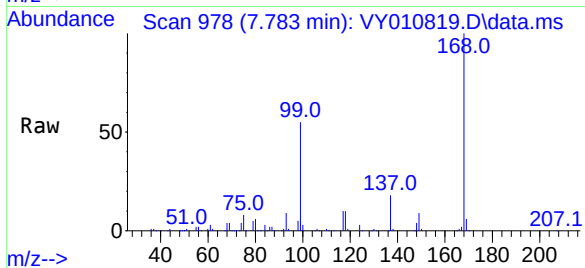
Tgt Ion: 75 Resp: 19189

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.1 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.756 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY010819.D

Acq: 05 Oct 2022 14:53

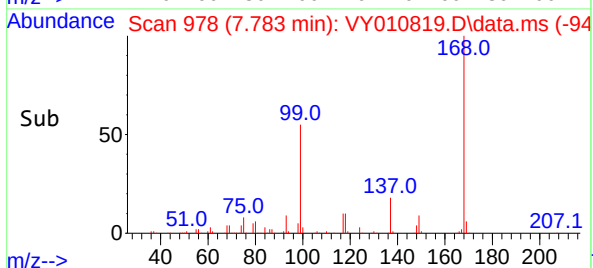
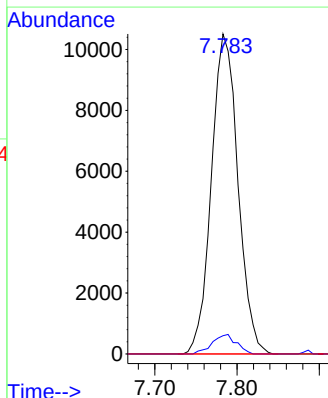
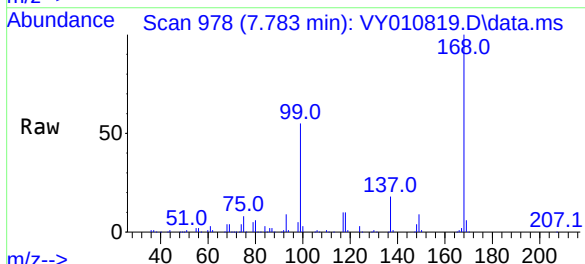
Tgt Ion: 117 Resp: 23609

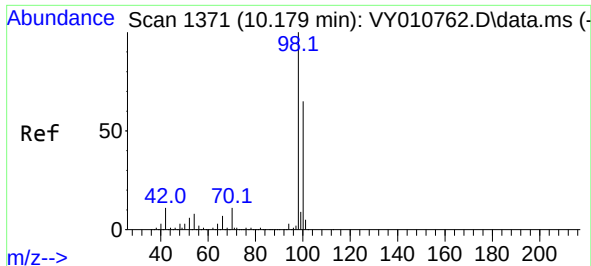
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

121 0.0 24.8 37.2#

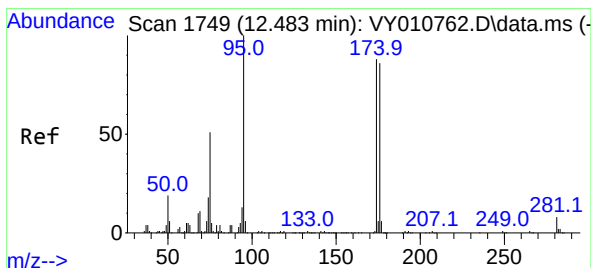
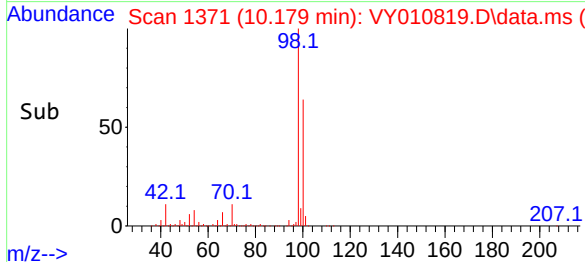
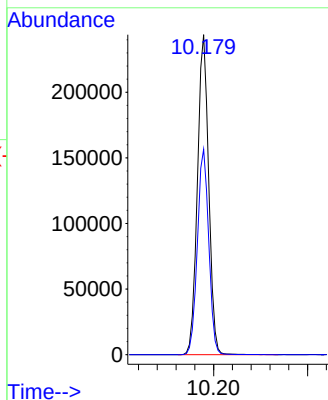
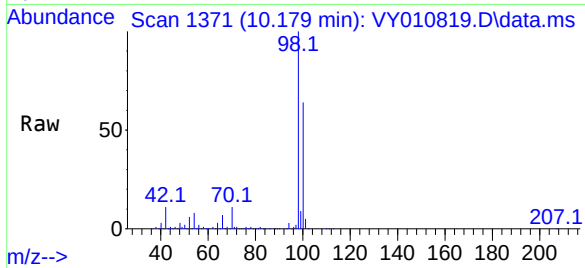




#50
Toluene-d8
Concen: 43.545 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

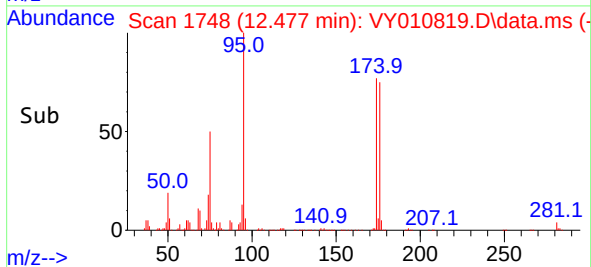
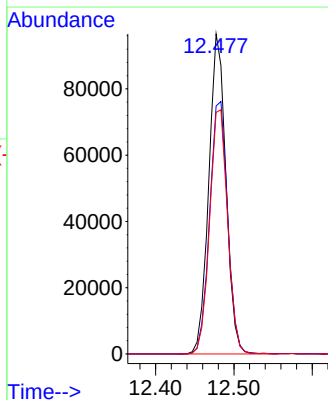
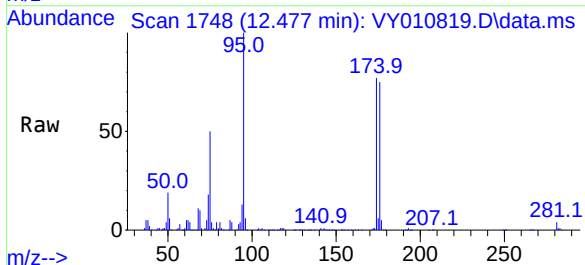
Instrument :
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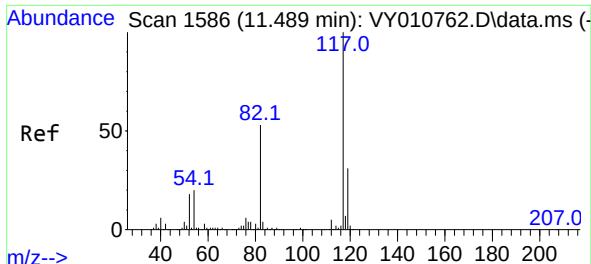
Tgt Ion: 98 Resp: 406257
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.421 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Tgt Ion: 95 Resp: 146522
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.0 0.0 175.8

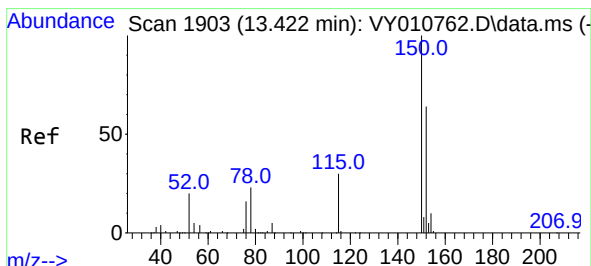
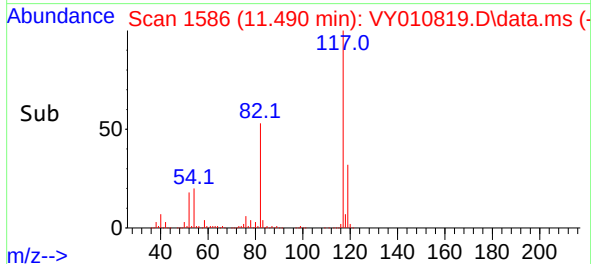
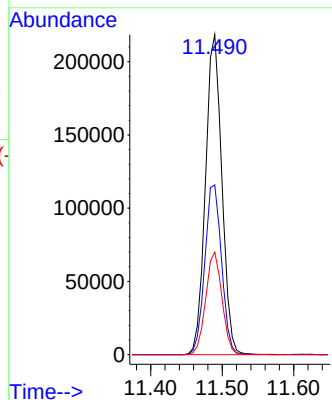
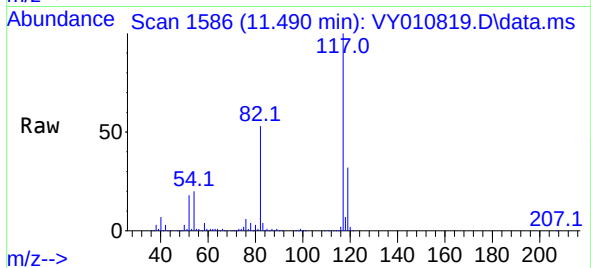




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

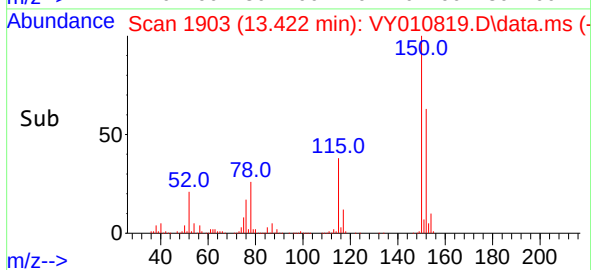
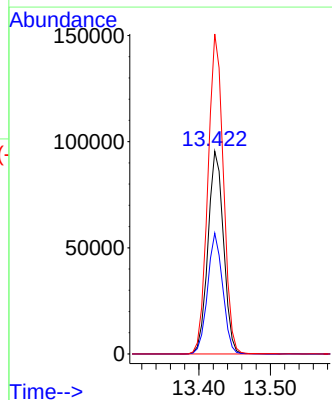
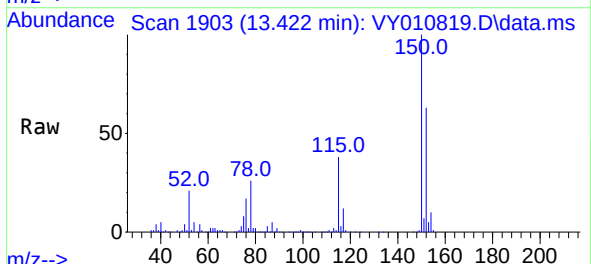
Instrument :
MSVOA_Y
ClientSampleId :
PAT-03-100322

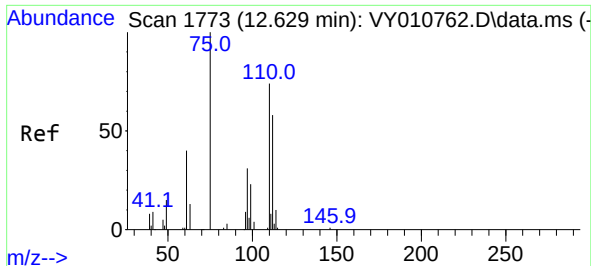
Tgt Ion:117 Resp: 348025
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Tgt Ion:152 Resp: 144395
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.2 0.0 347.6

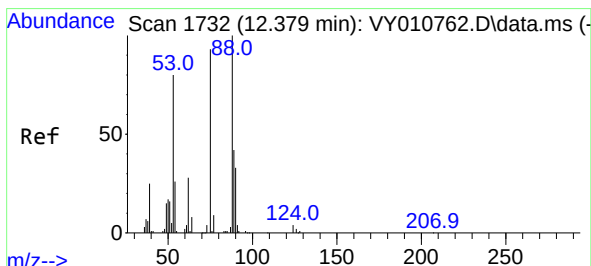
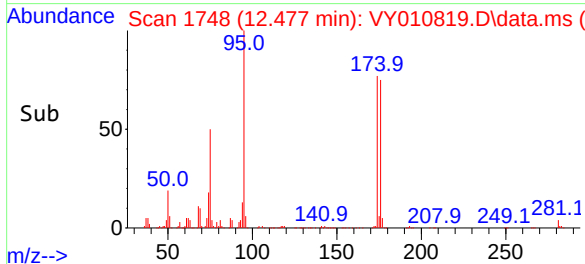
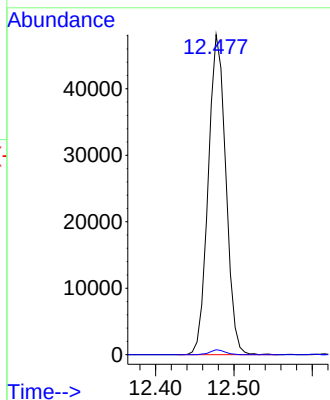
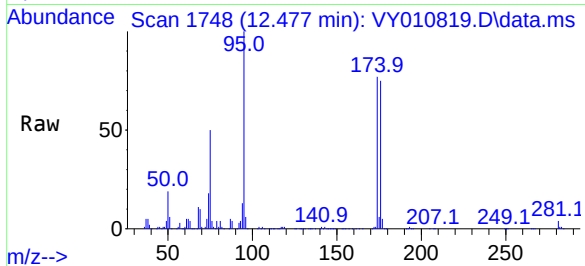




#76
1,2,3-Trichloropropane
Concen: 51.358 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
PAT-03-100322

Tgt Ion: 75 Resp: 75100
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.283 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010819.D
Acq: 05 Oct 2022 14:53

Tgt Ion: 75 Resp: 75100
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

