

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014981.D
 Acq On : 08 Aug 2023 13:37
 Operator : SY/MD
 Sample : 03917-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP05BRE

Quant Time: Aug 08 15:52:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

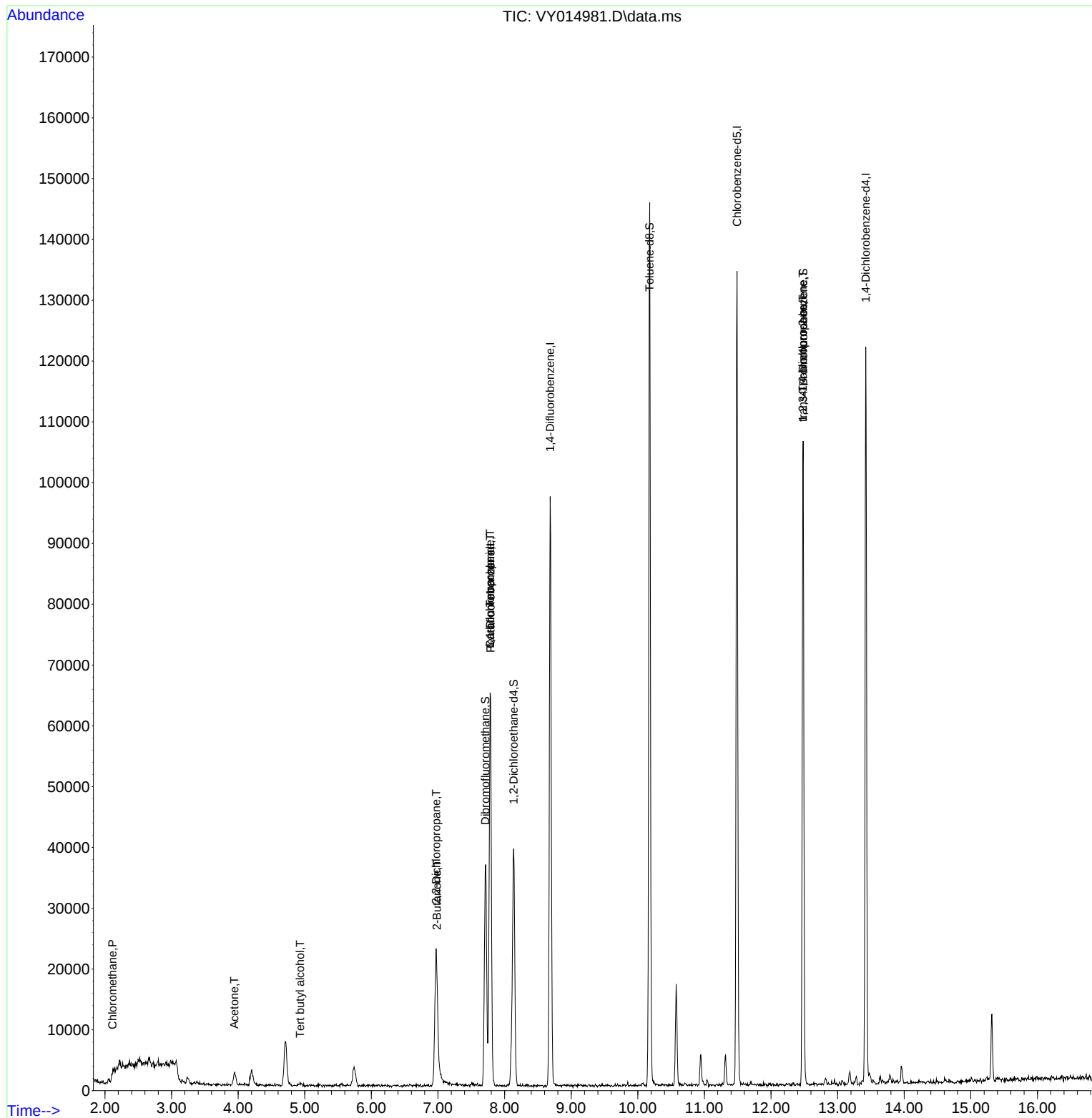
Internal Standards						
1) Pentafluorobenzene	7.789	168	50792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	84109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	73495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28421	46.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.340%
35) Dibromofluoromethane	7.710	113	26164	48.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.179	98	94628	46.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.483	95	31161	42.947	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	434	1.086	ug/l #	43
5) Bromomethane	2.656	94	541	Below Cal	#	70
11) Tert butyl alcohol	4.930	59	779	5.243	ug/l #	89
16) Acetone	3.942	43	3348	17.440	ug/l #	83
20) Methylene Chloride	4.716	84	5047	Below Cal	#	76
25) 2-Butanone	6.984	43	1695	6.165	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	1861	2.082	ug/l #	54
31) Cyclohexane	7.789	56	1140	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	4099	6.138	ug/l #	48
38) Carbon Tetrachloride	7.783	117	5351	7.128	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	16501	43.335	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16501	95.469	ug/l #	10

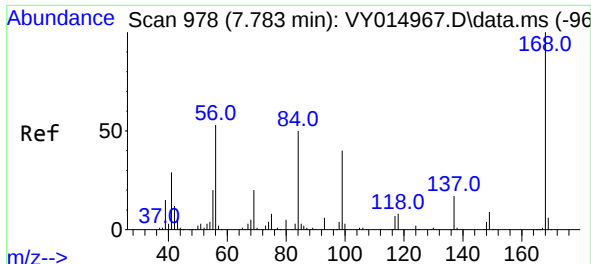
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-PP05BRE

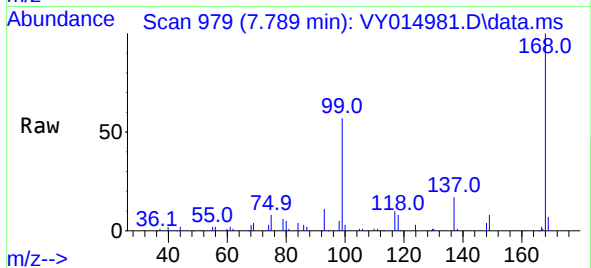
Quant Time: Aug 08 15:52:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
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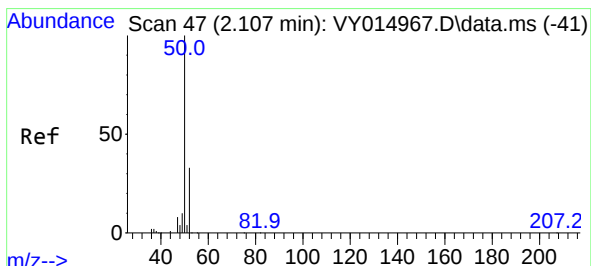
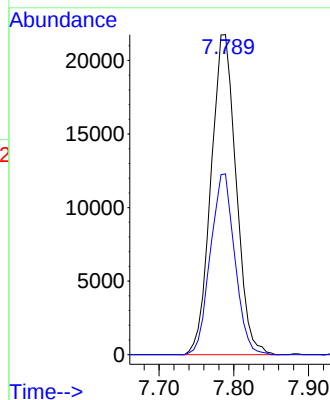
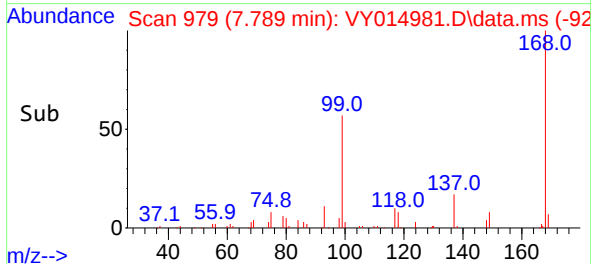


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

Instrument :
MSVOA_Y
ClientSampleId :
B-PP05BRE

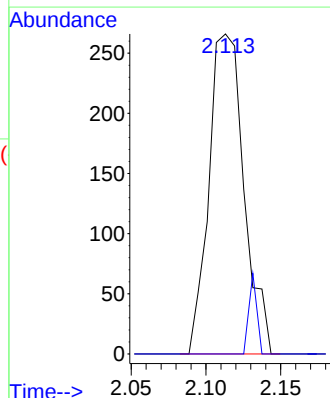
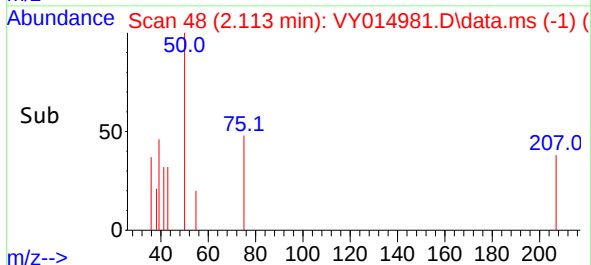
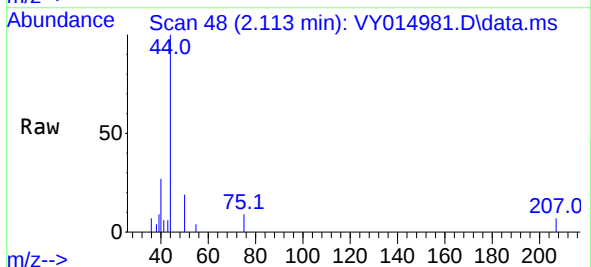


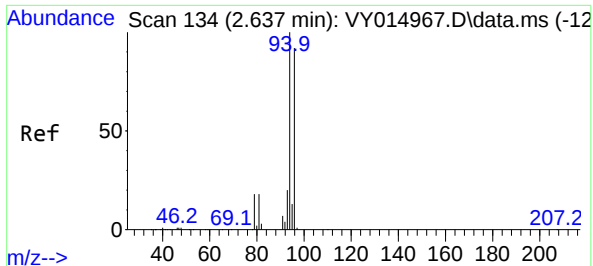
Tgt Ion:168 Resp: 50792
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#3
Chloromethane
Concen: 1.086 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

Tgt Ion: 50 Resp: 434
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

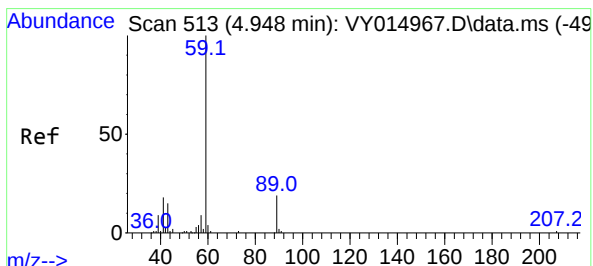
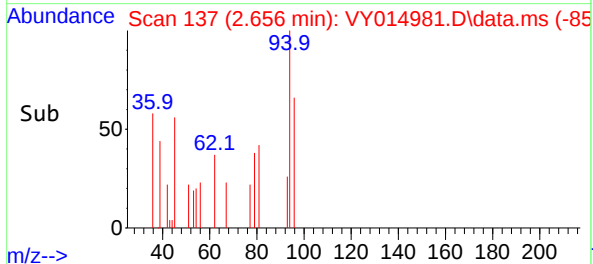
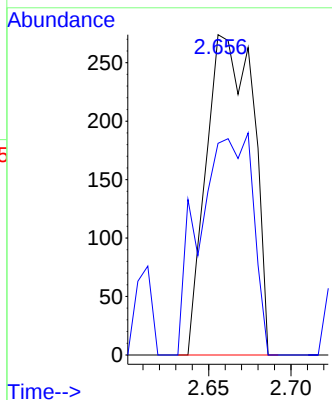
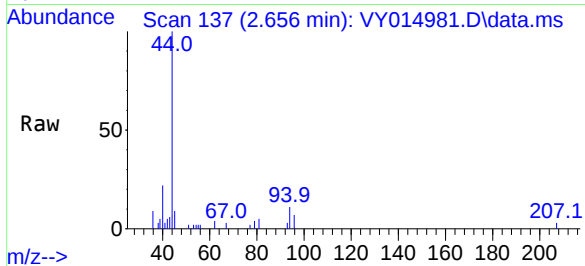




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

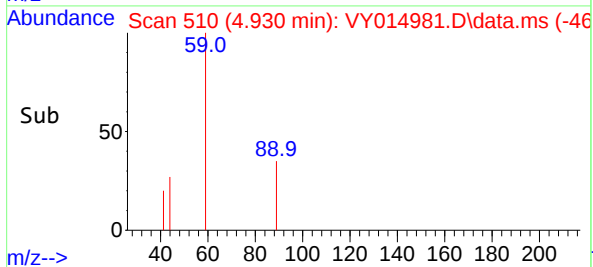
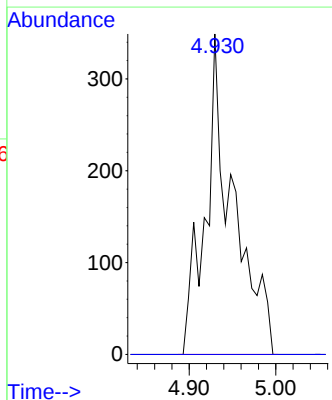
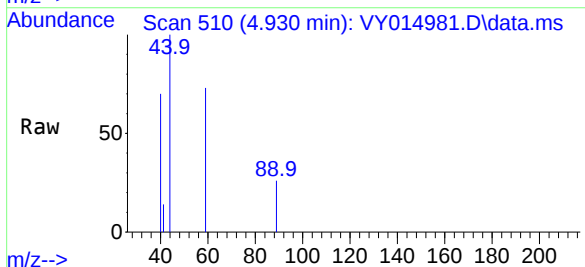
Instrument :
MSVOA_Y
ClientSampleId :
B-PP05BRE

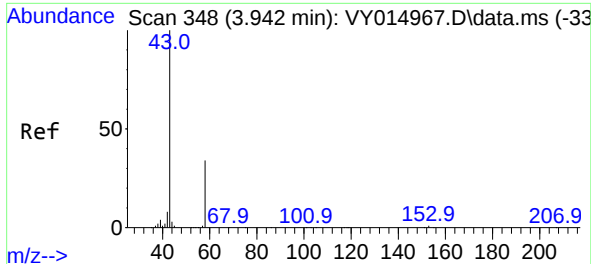
Tgt Ion: 94 Resp: 541
Ion Ratio Lower Upper
94 100
96 66.1 75.8 113.6#



#11
Tert butyl alcohol
Concen: 5.243 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

Tgt Ion: 59 Resp: 779
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 17.440 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY014981.D

Acq: 08 Aug 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

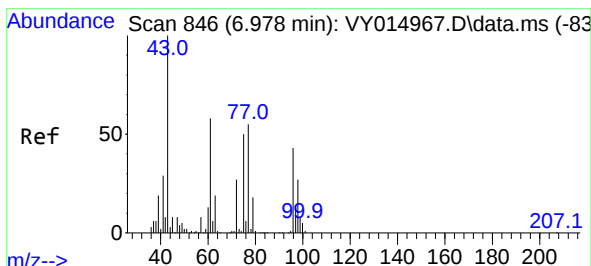
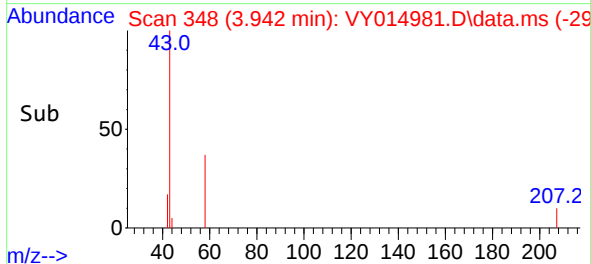
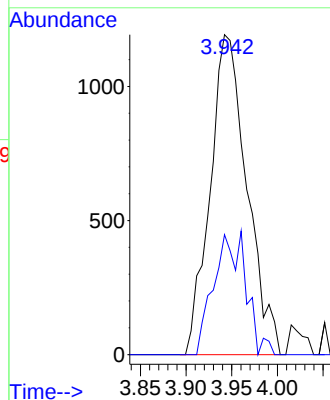
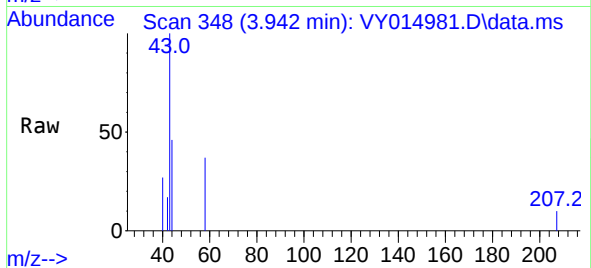
B-PP05BRE

Tgt Ion: 43 Resp: 3348

Ion Ratio Lower Upper

43 100

58 37.5 22.7 34.1#



#25

2-Butanone

Concen: 6.165 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014981.D

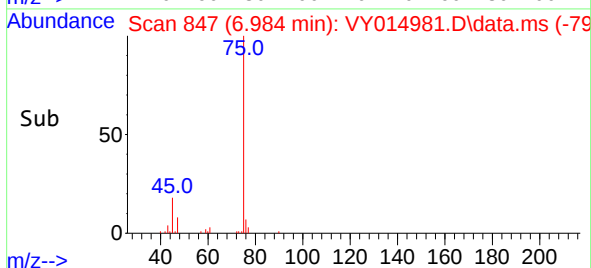
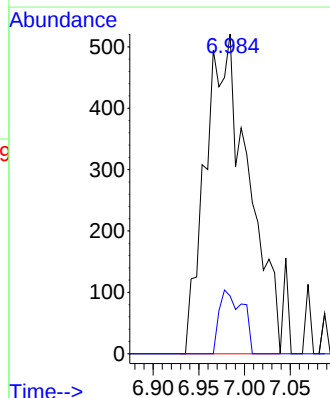
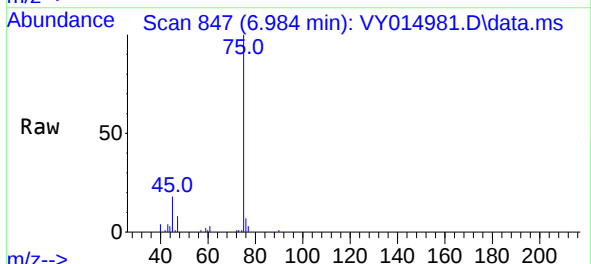
Acq: 08 Aug 2023 13:37

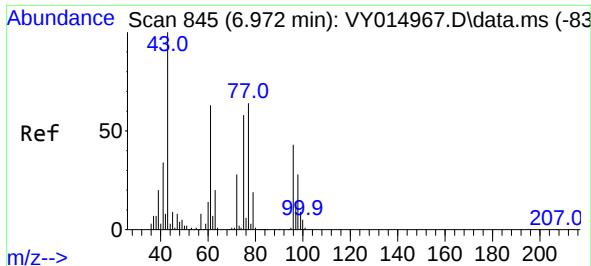
Tgt Ion: 43 Resp: 1695

Ion Ratio Lower Upper

43 100

72 18.0 20.5 30.7#

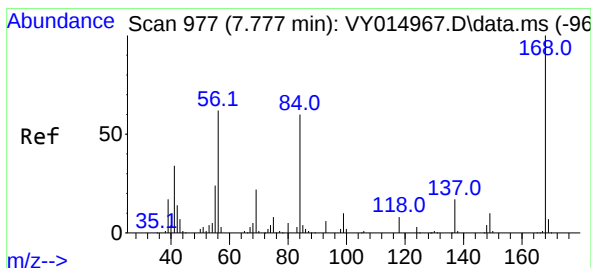
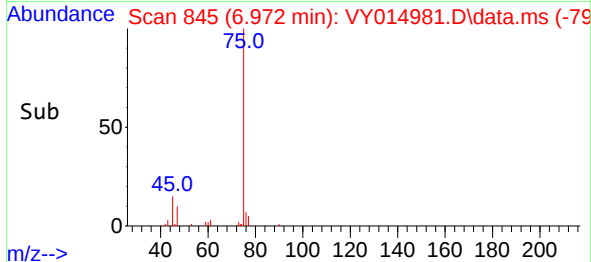
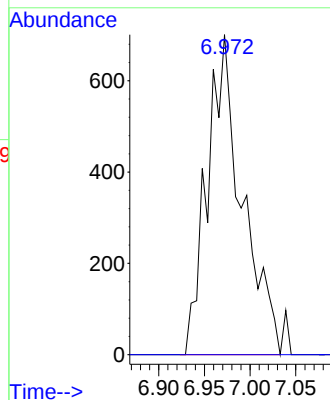
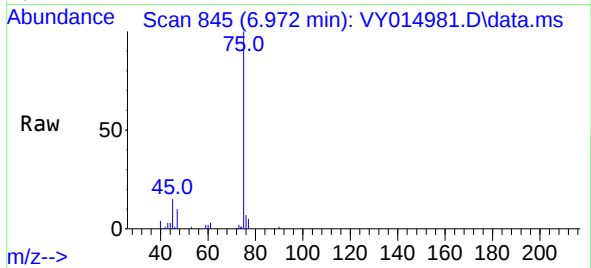




#26
2,2-Dichloropropane
Concen: 2.082 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

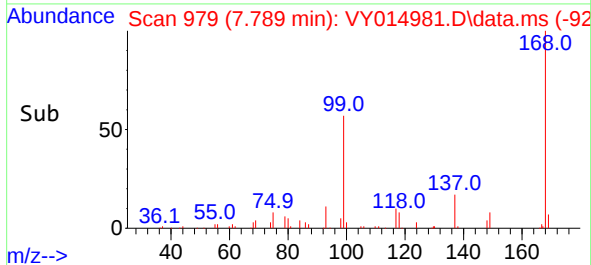
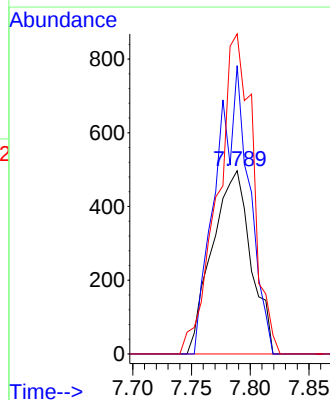
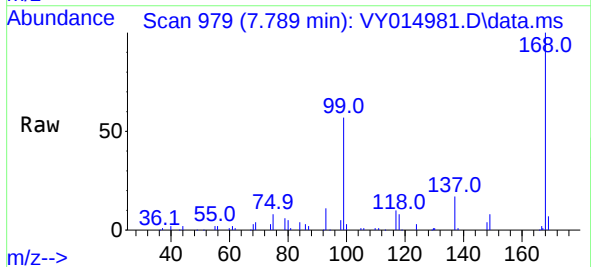
Instrument :
MSVOA_Y
ClientSampleId :
B-PP05BRE

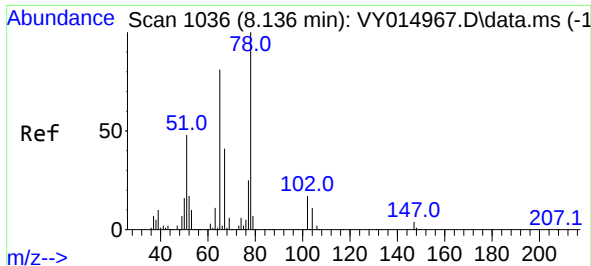
Tgt Ion: 77 Resp: 1861
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

Tgt Ion: 56 Resp: 1140
Ion Ratio Lower Upper
56 100
69 157.3 27.8 41.6#
84 174.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 46.167 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014981.D

Acq: 08 Aug 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

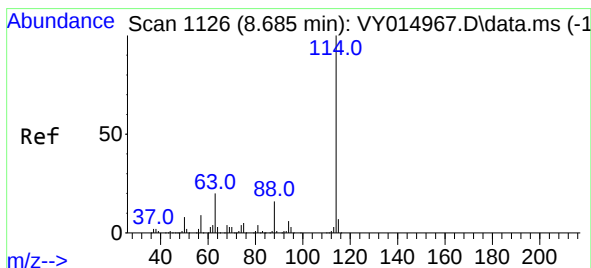
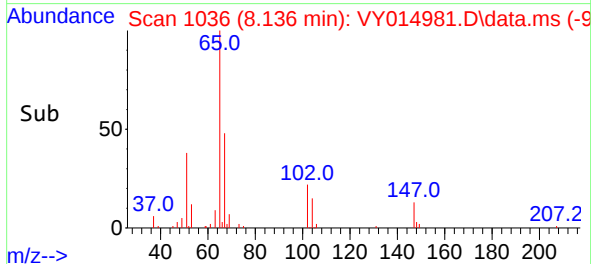
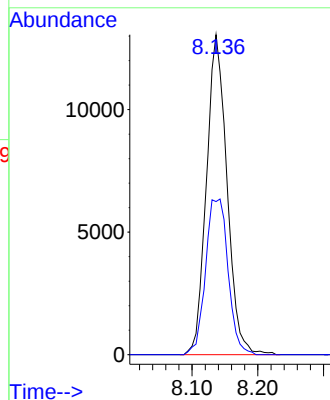
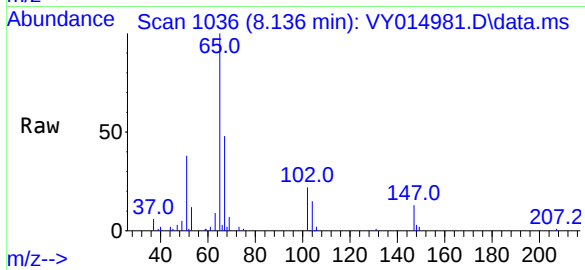
B-PP05BRE

Tgt Ion: 65 Resp: 28421

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014981.D

Acq: 08 Aug 2023 13:37

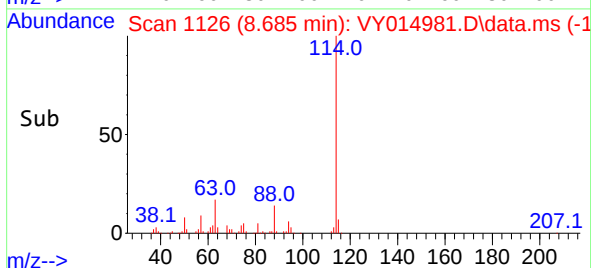
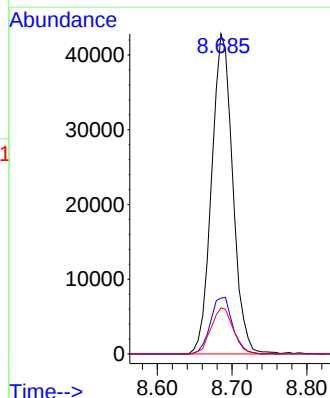
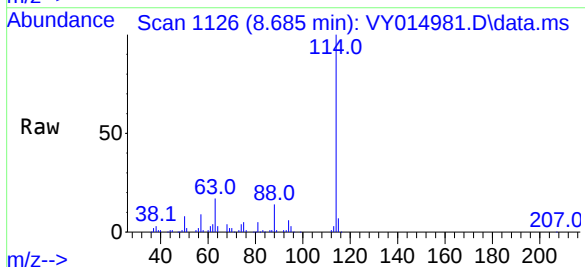
Tgt Ion: 114 Resp: 84109

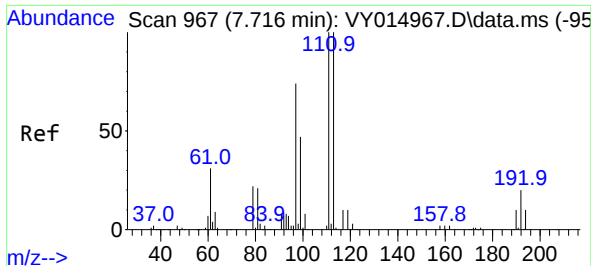
Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.4

88 14.4 0.0 30.6

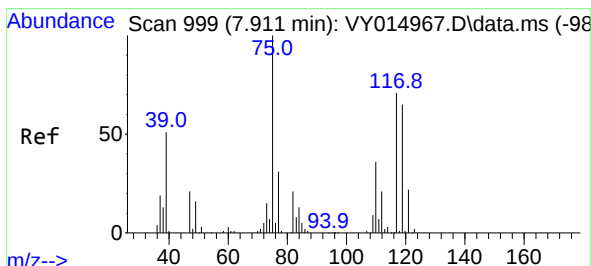
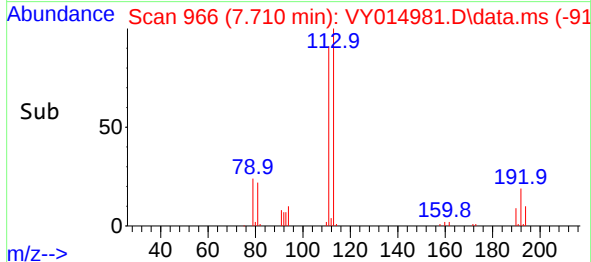
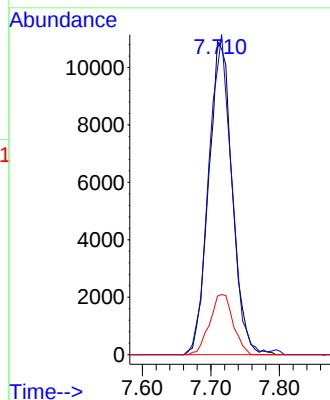
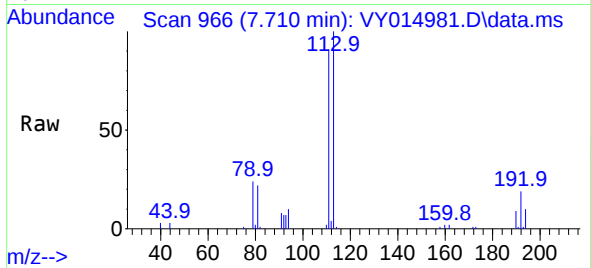




#35
Dibromofluoromethane
Concen: 48.645 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

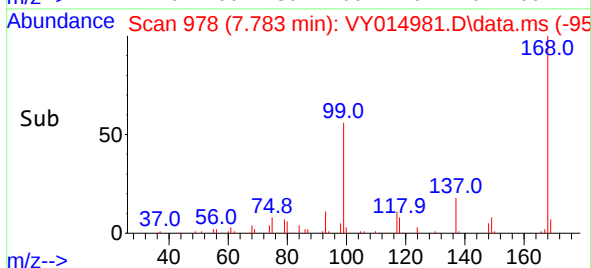
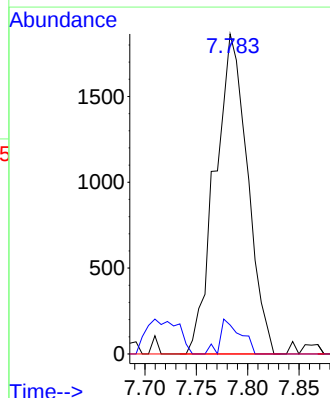
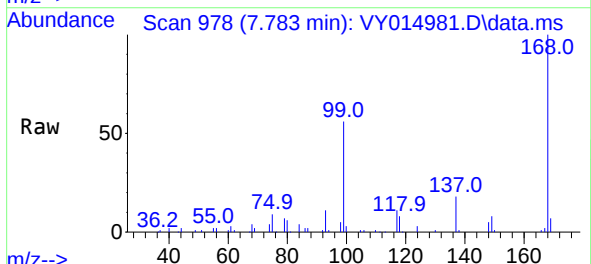
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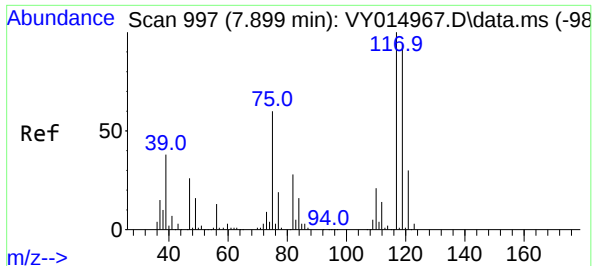
Tgt Ion:113 Resp: 26164
Ion Ratio Lower Upper
113 100
111 99.5 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.138 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

Tgt Ion: 75 Resp: 4099
Ion Ratio Lower Upper
75 100
110 6.8 17.8 53.5#
77 0.0 24.4 36.6#

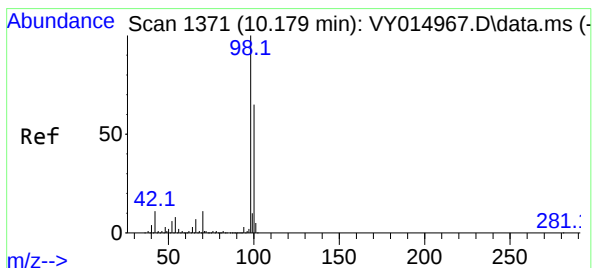
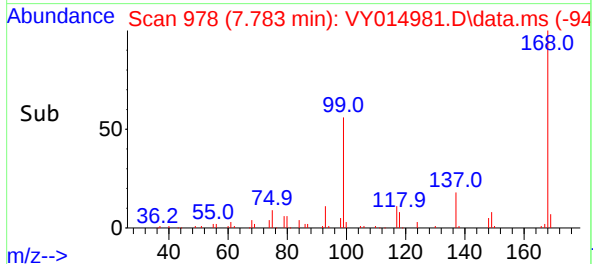
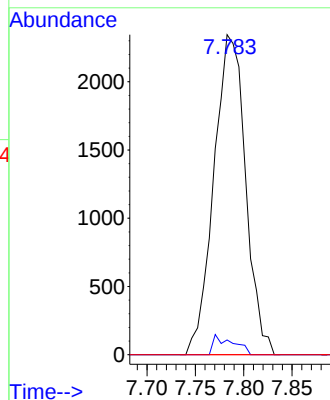
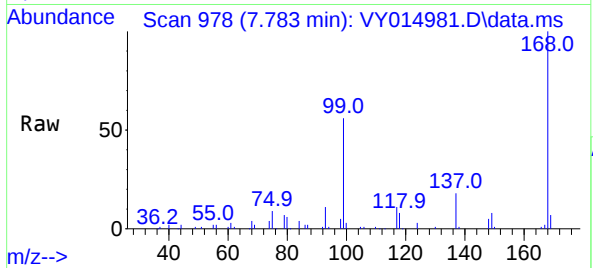




#38
Carbon Tetrachloride
Concen: 7.128 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

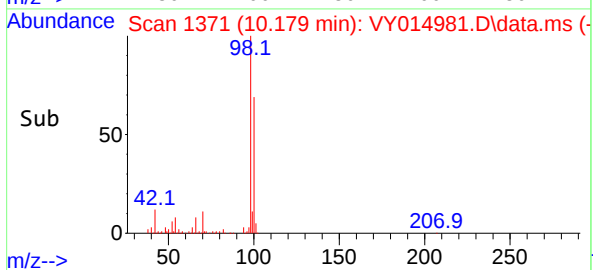
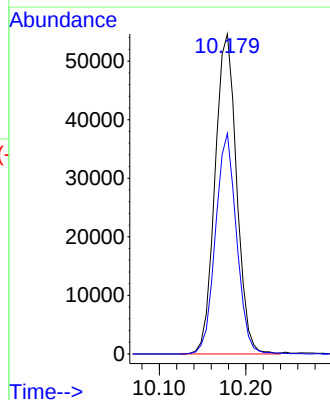
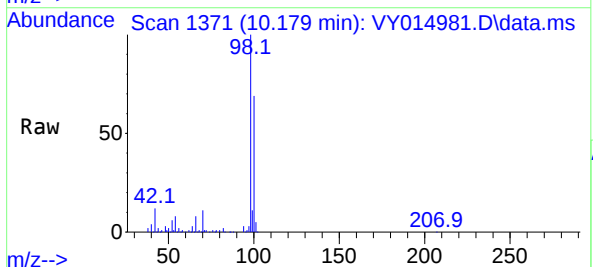
Instrument :
MSVOA_Y
ClientSampleId :
B-PP05BRE

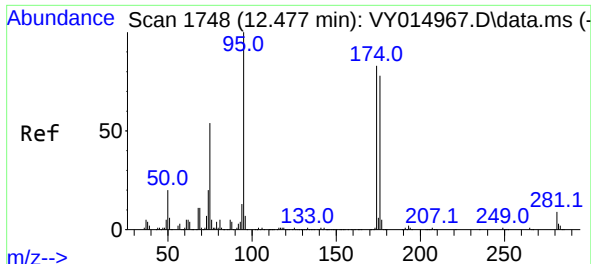
Tgt Ion:117 Resp: 5351
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.223 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

Tgt Ion: 98 Resp: 94628
Ion Ratio Lower Upper
98 100
100 67.2 50.1 75.1

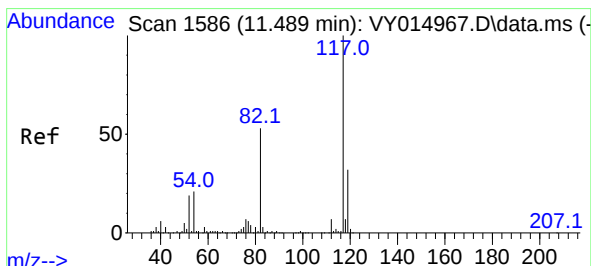
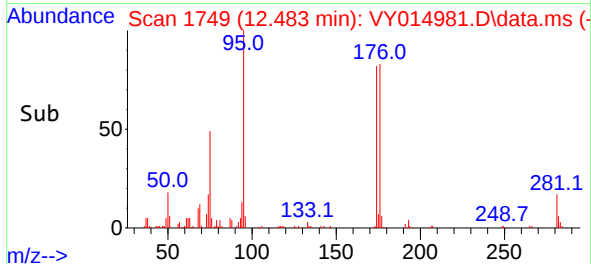
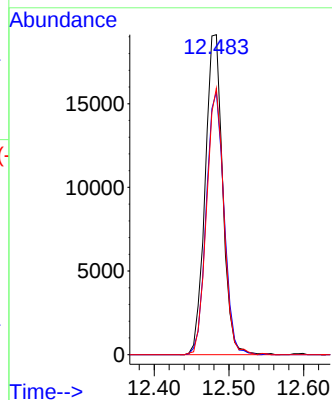
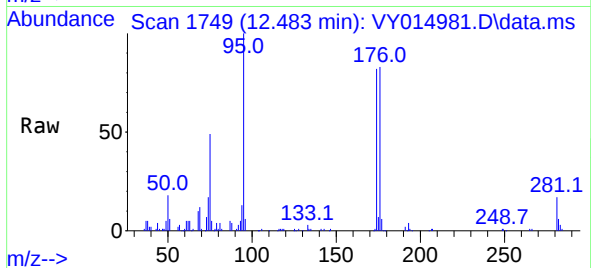




#62
4-Bromofluorobenzene
Concen: 42.947 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

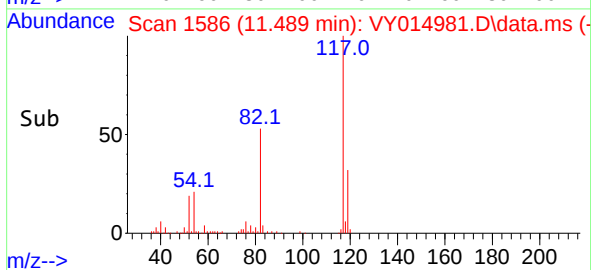
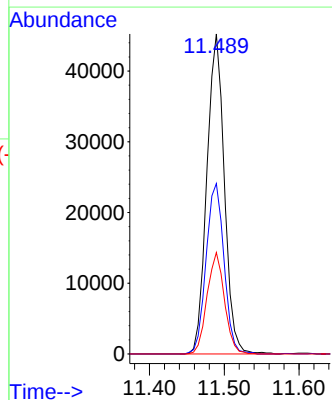
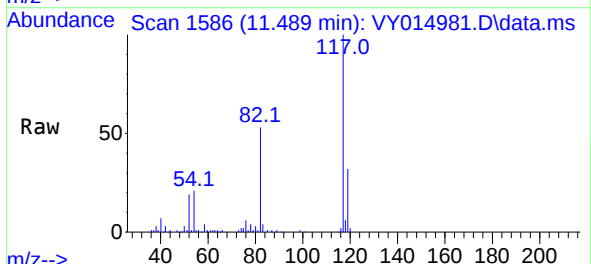
Instrument :
MSVOA_Y
ClientSampleId :
B-PP05BRE

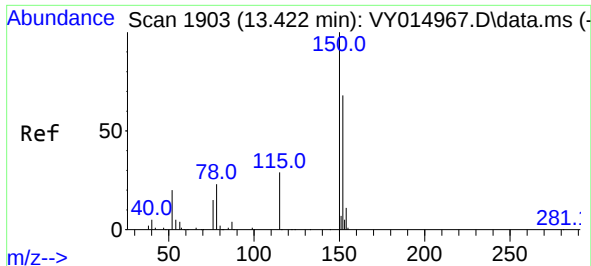
Tgt Ion:	95	Resp:	31161
Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	178.2
176	81.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

Tgt Ion:	117	Resp:	73495
Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.4	65.0
119	31.7	26.3	39.5

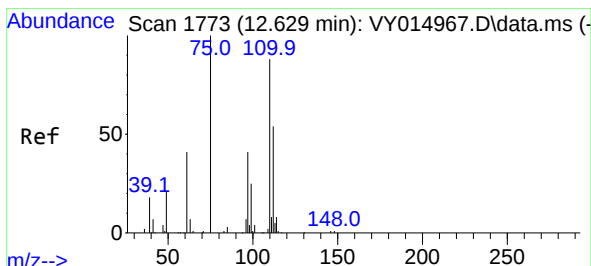
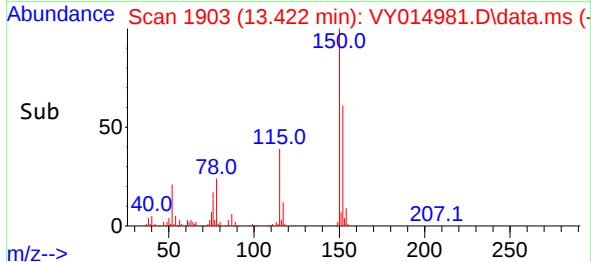
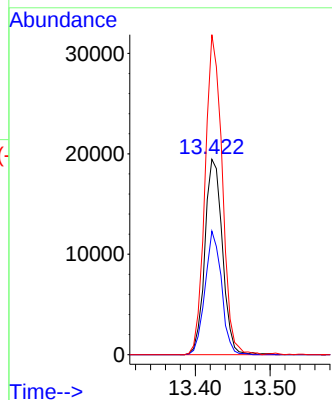
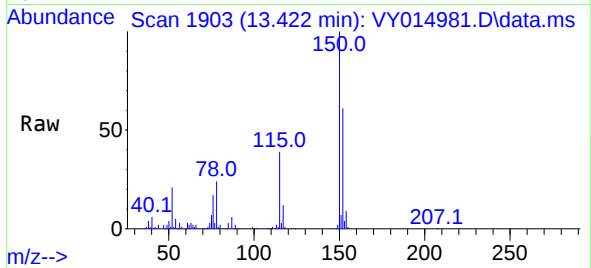




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014981.D
 Acq: 08 Aug 2023 13:37

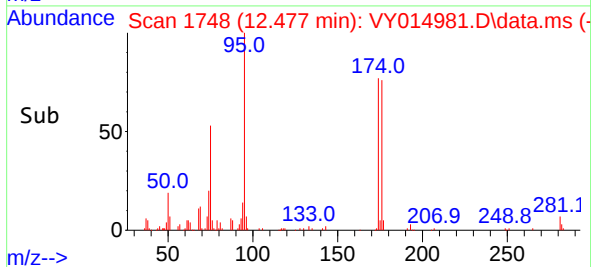
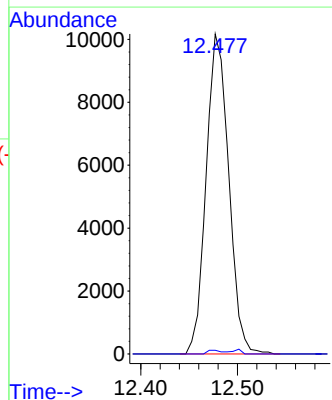
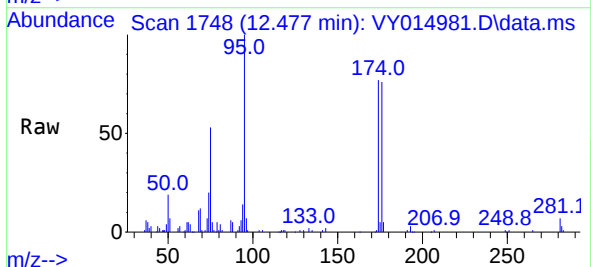
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP05BRE

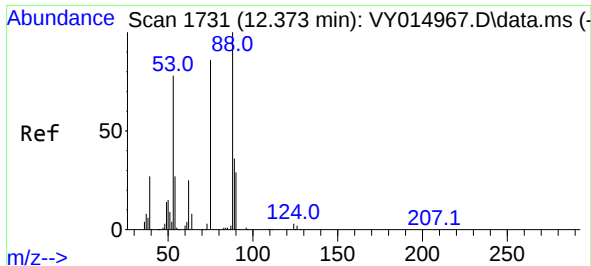
Tgt Ion:152 Resp: 31778
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.8 86.5
 150 159.7 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 43.335 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY014981.D
 Acq: 08 Aug 2023 13:37

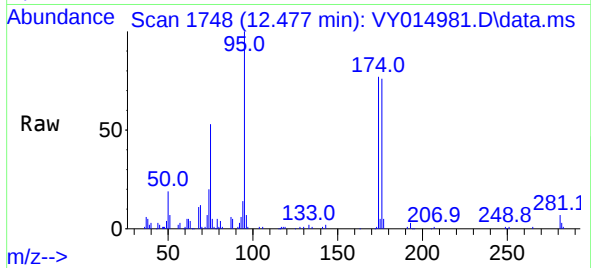
Tgt Ion: 75 Resp: 16501
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.469 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014981.D
 Acq: 08 Aug 2023 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP05BRE



Tgt Ion: 75 Resp: 16501
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

