

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014269.D
 Acq On : 20 Jun 2023 08:33
 Operator : KP/MD
 Sample : 03302-04
 Misc : 10.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Jun 20 11:25:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

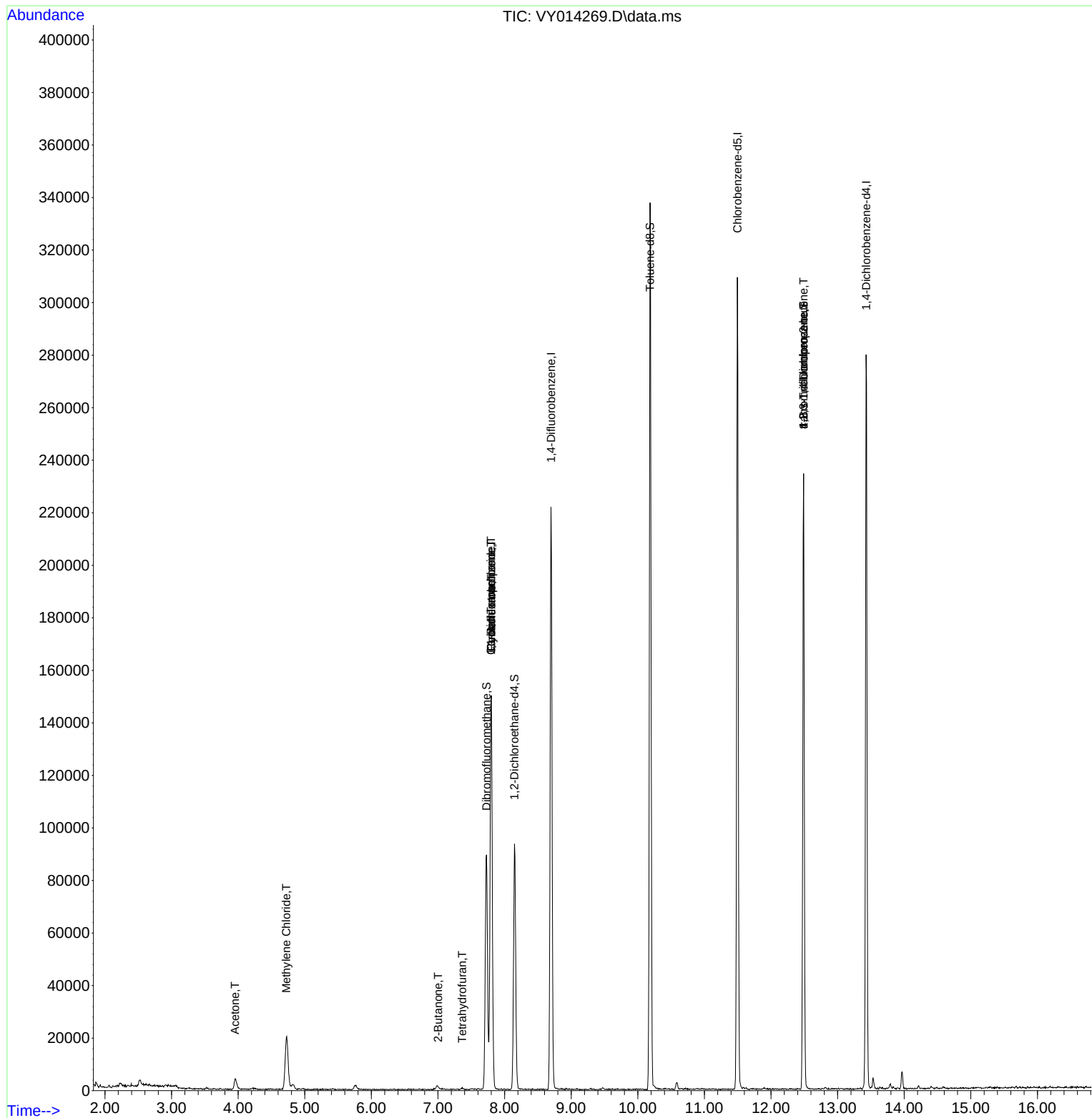
Internal Standards						
1) Pentafluorobenzene	7.801	168	120092	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	181574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	166623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78010	46.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.300%
35) Dibromofluoromethane	7.728	113	60290	46.821	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.640%
50) Toluene-d8	10.185	98	219467	45.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.180%
62) 4-Bromofluorobenzene	12.489	95	63453	37.104	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	268	Below Cal	#	89
16) Acetone	3.954	43	6862	13.613	ug/l	95
20) Methylene Chloride	4.723	84	15487	6.505	ug/l	86
25) 2-Butanone	7.003	43	953	1.536	ug/l	# 60
29) Tetrahydrofuran	7.362	42	451	1.146	ug/l	# 65
31) Cyclohexane	7.801	56	2862	1.278	ug/l	# 52
36) 1,1-Dichloropropene	7.795	75	9558	4.761	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	11605	5.009	ug/l	# 18
76) 1,2,3-Trichloropropane	12.489	75	34607	35.334	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	34607	76.379	ug/l	# 10

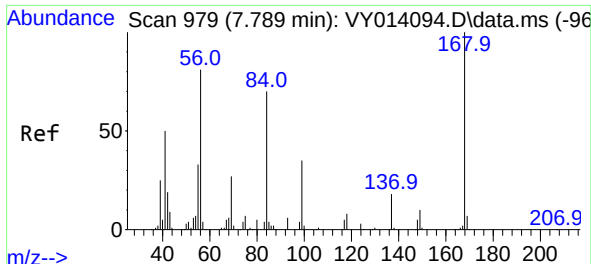
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

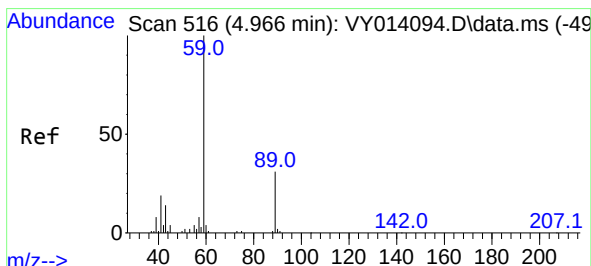
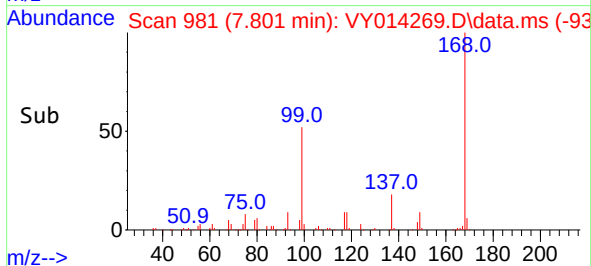
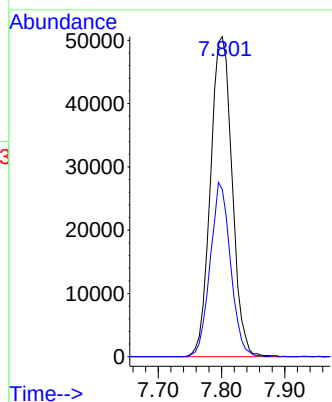
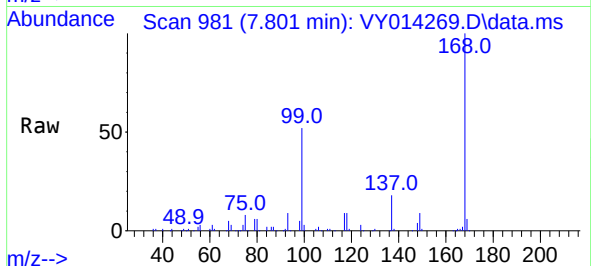




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

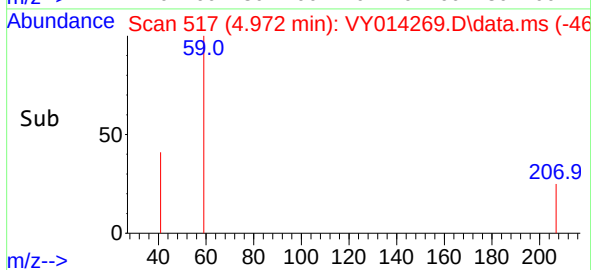
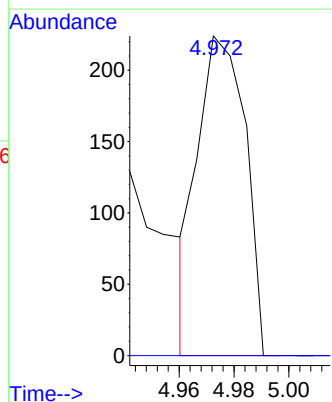
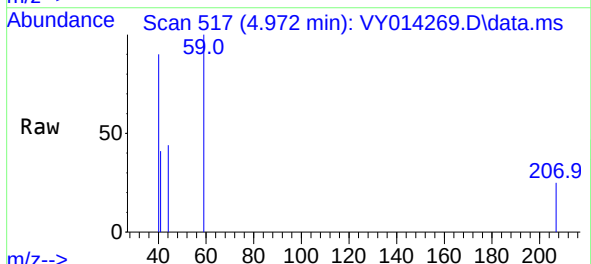
Instrument :
MSVOA_Y
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SB-3

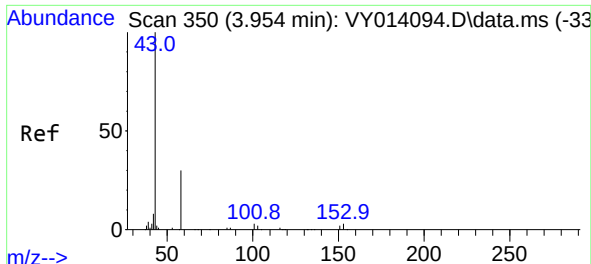
Tgt Ion:168 Resp: 120092
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

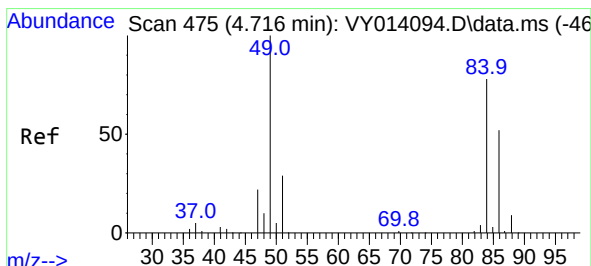
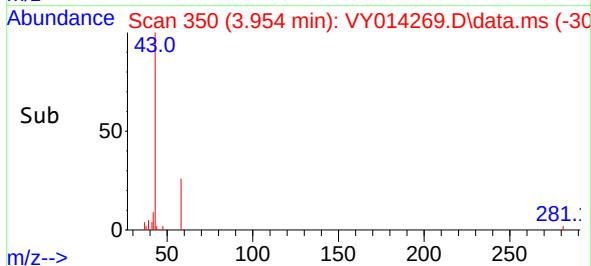
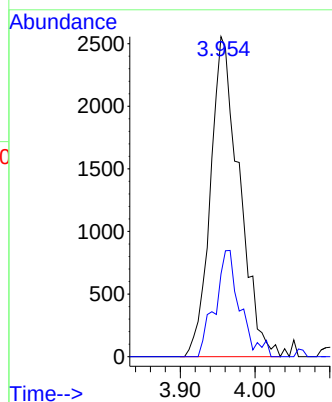
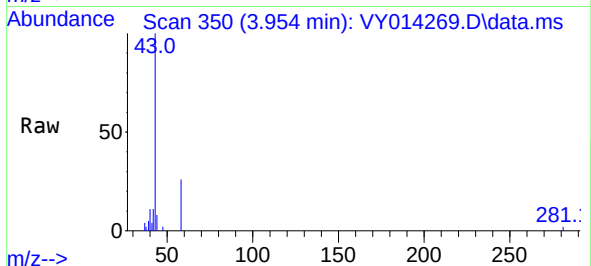




#16
Acetone
Concen: 13.613 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

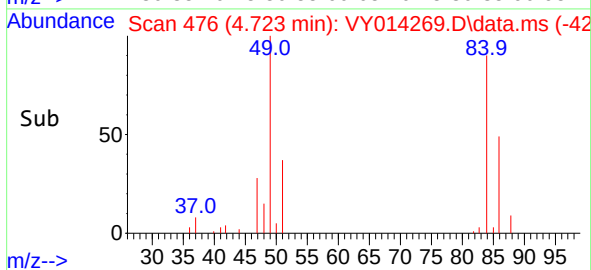
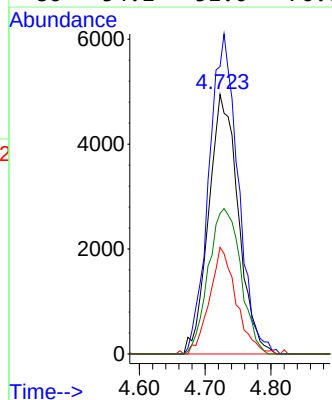
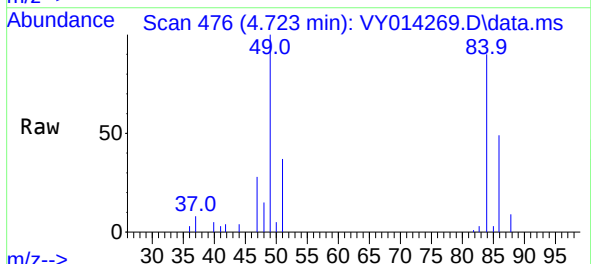
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

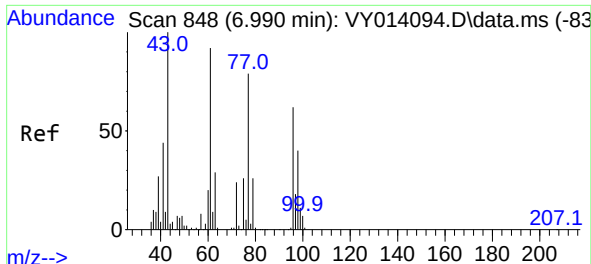
Tgt Ion: 43 Resp: 6862
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1



#20
Methylene Chloride
Concen: 6.505 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

Tgt Ion: 84 Resp: 15487
Ion Ratio Lower Upper
84 100
49 110.7 106.9 160.3
51 41.1 33.2 49.8
86 54.1 51.0 76.6

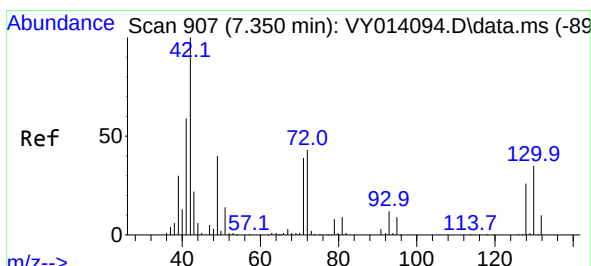
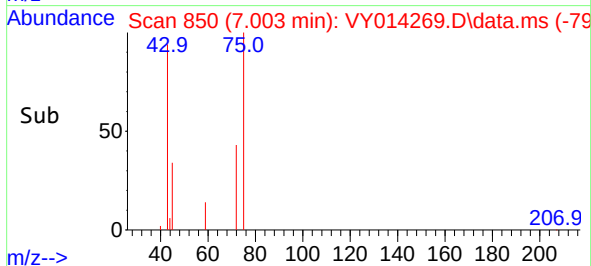
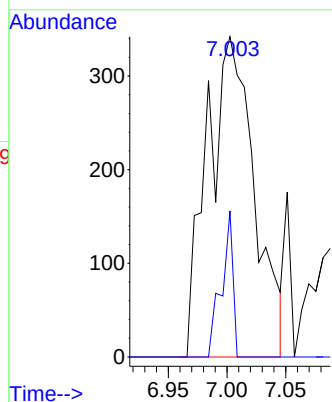
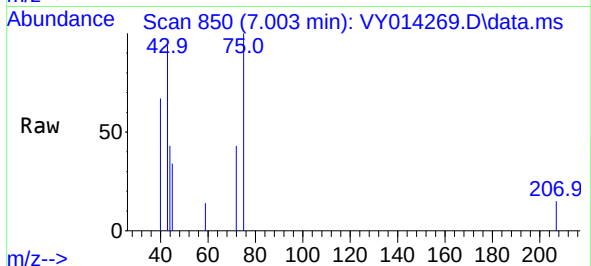




#25
2-Butanone
Concen: 1.536 ug/l
RT: 7.003 min Scan# 81
Delta R.T. 0.013 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

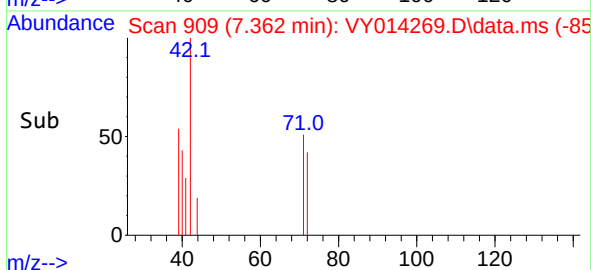
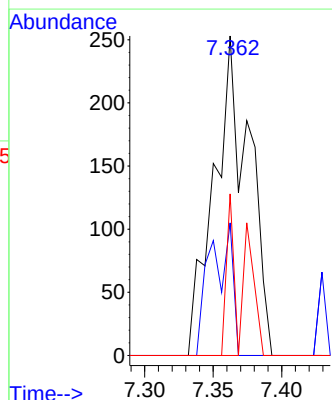
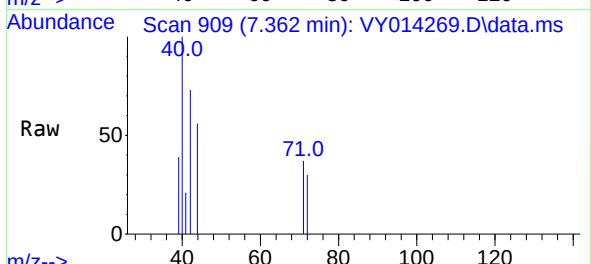
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

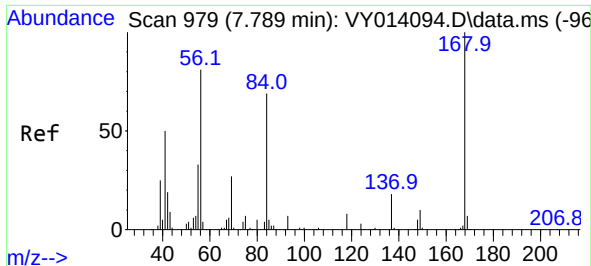
Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
72 45.6 20.5 30.7#



#29
Tetrahydrofuran
Concen: 1.146 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

Tgt Ion: 42 Resp: 451
Ion Ratio Lower Upper
42 100
72 25.7 32.8 49.2#
71 10.4 31.0 46.4#

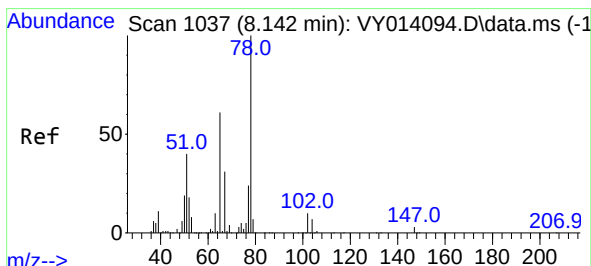
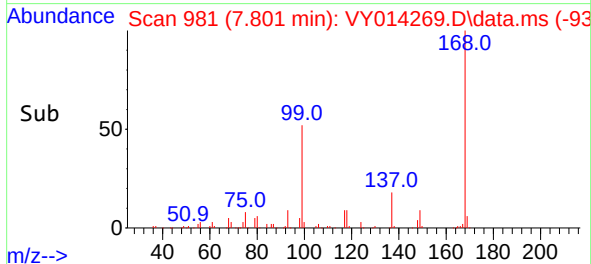
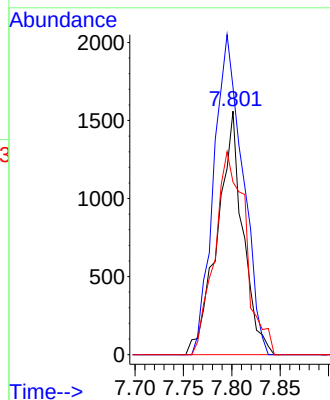
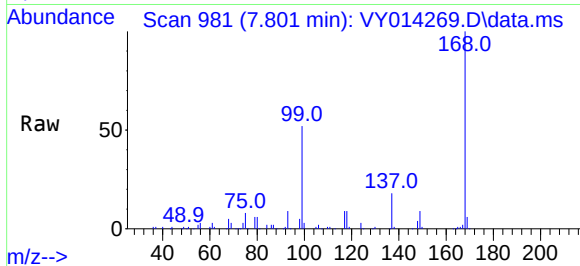




#31
Cyclohexane
Concen: 1.278 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

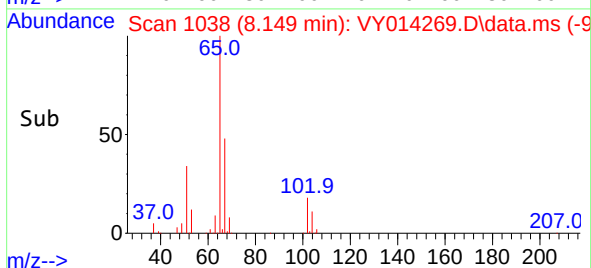
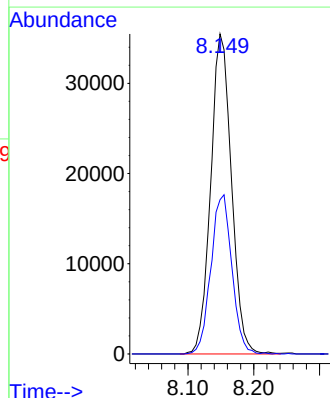
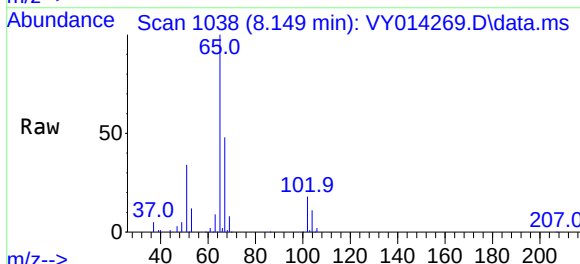
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

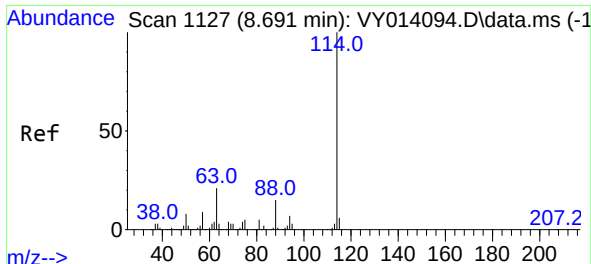
Tgt Ion: 56 Resp: 2862
Ion Ratio Lower Upper
56 100
69 109.9 27.8 41.6#
84 70.9 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 46.648 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

Tgt Ion: 65 Resp: 78010
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

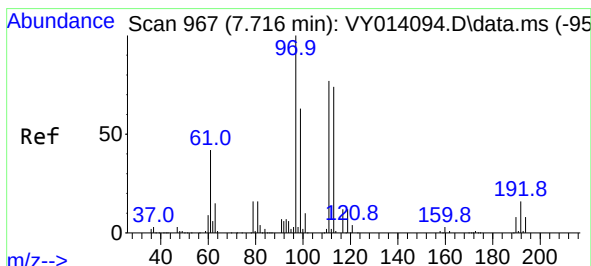
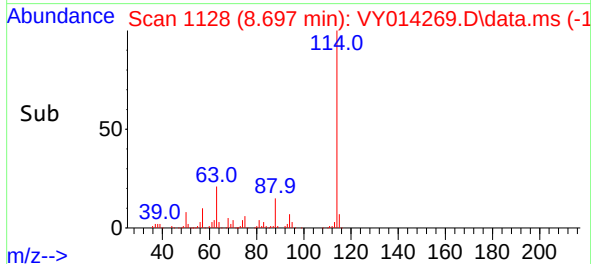
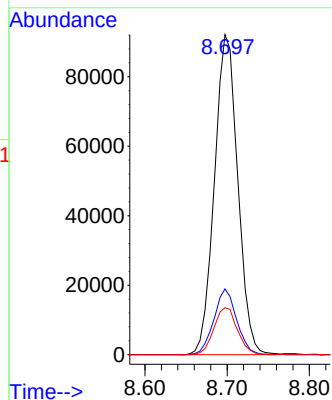
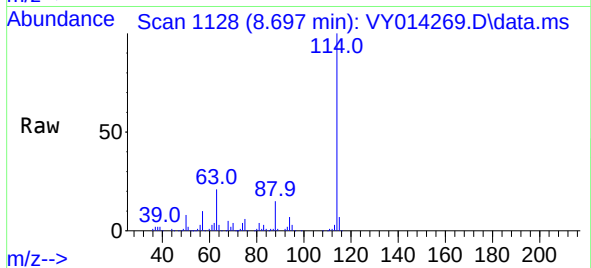




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

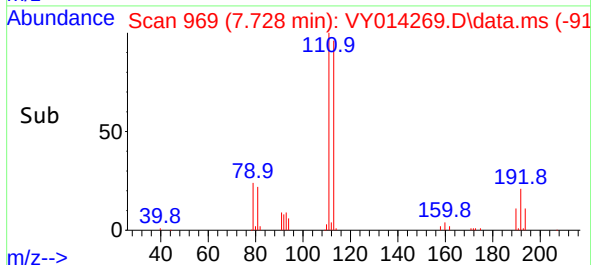
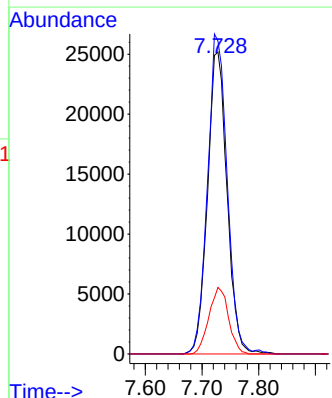
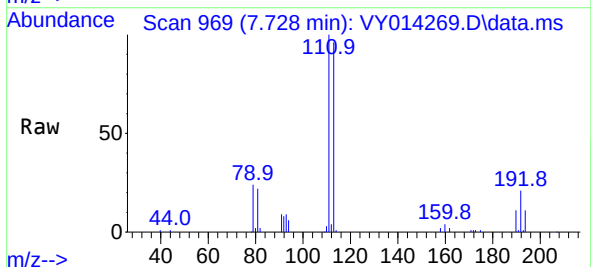
Instrument :
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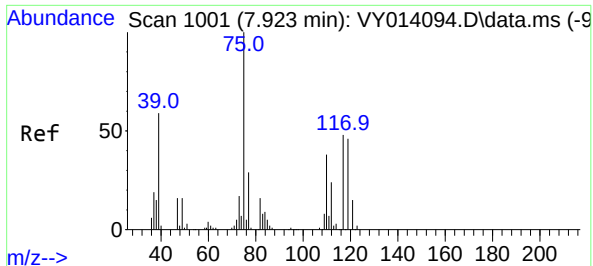
Tgt Ion:114 Resp: 181574
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.821 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

Tgt Ion:113 Resp: 60290
Ion Ratio Lower Upper
113 100
111 106.0 81.3 121.9
192 22.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.761 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY014269.D

Acq: 20 Jun 2023 08:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

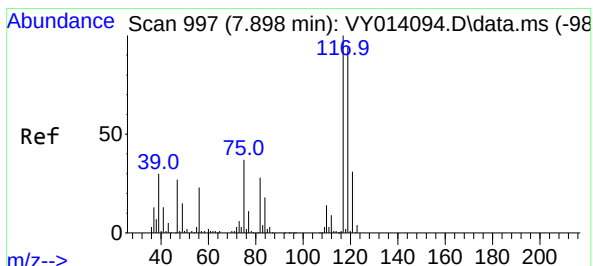
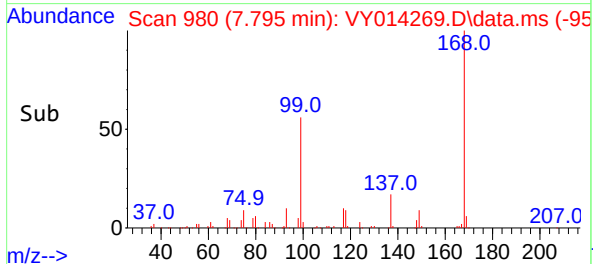
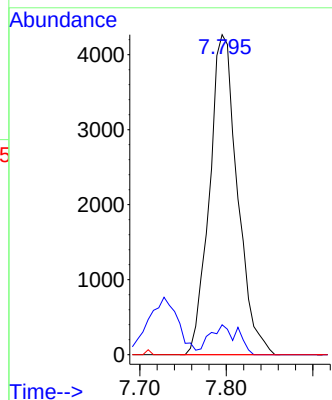
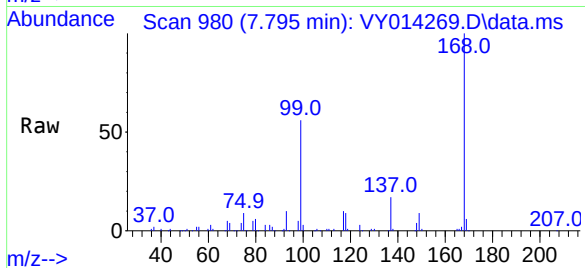
Tgt Ion: 75 Resp: 9558

Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.009 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.103 min

Lab File: VY014269.D

Acq: 20 Jun 2023 08:33

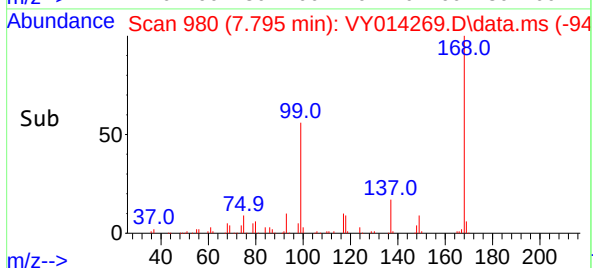
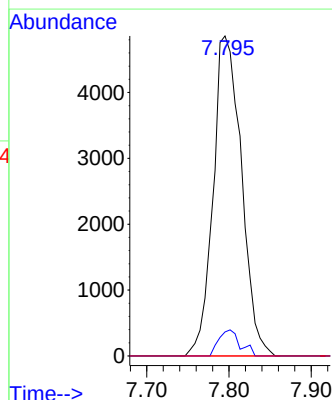
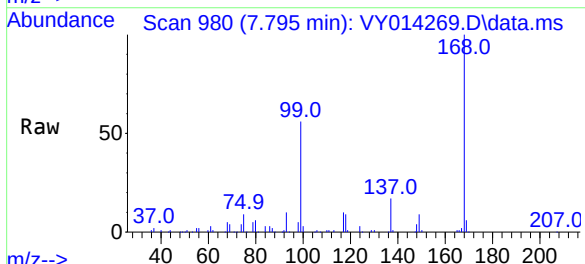
Tgt Ion: 117 Resp: 11605

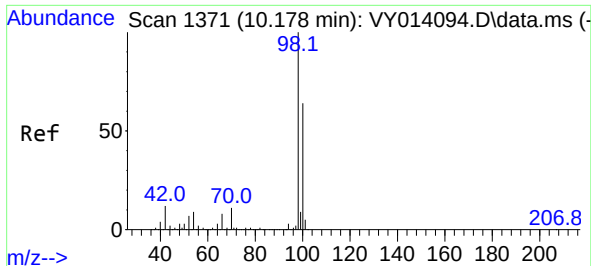
Ion Ratio Lower Upper

117 100

119 7.5 76.4 114.6#

121 0.0 25.8 38.6#

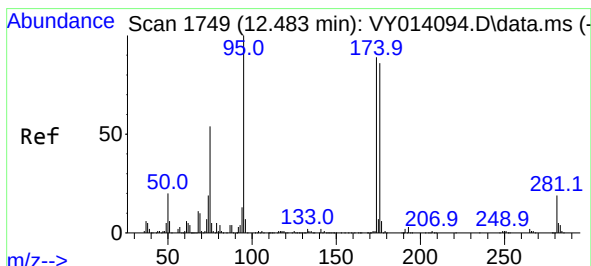
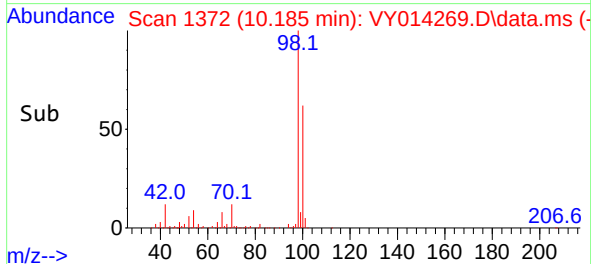
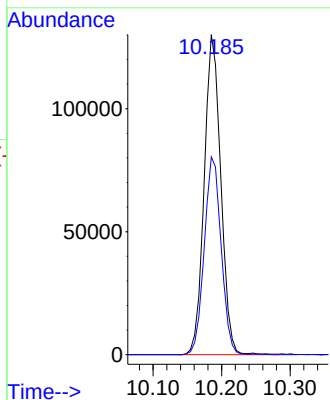
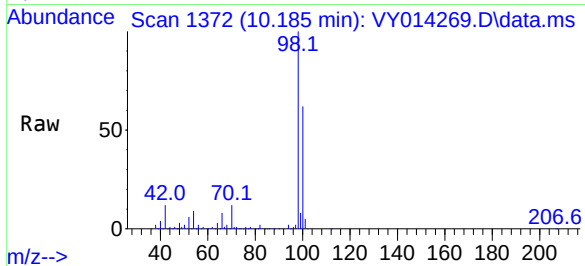




#50
Toluene-d8
Concen: 45.588 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

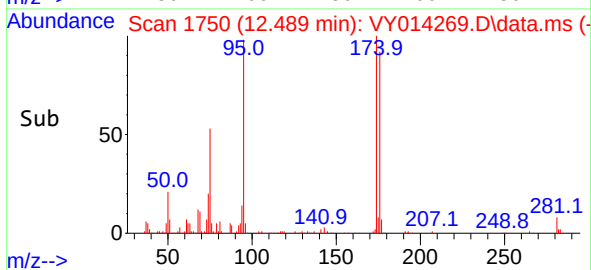
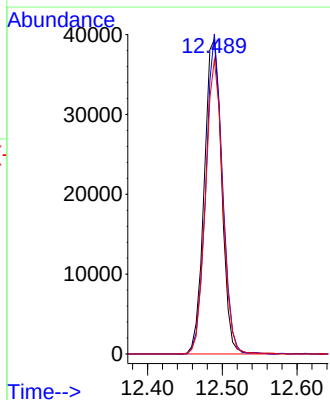
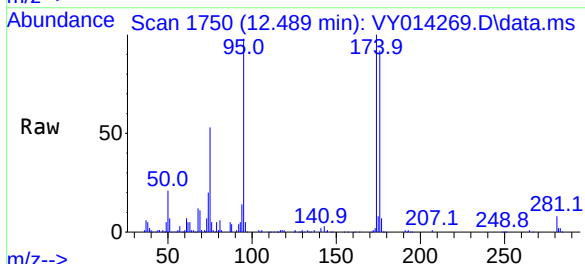
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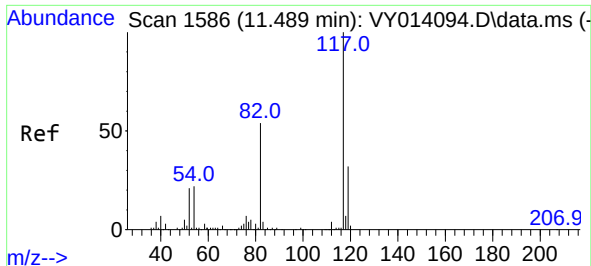
Tgt Ion: 98 Resp: 219467
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.104 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

Tgt Ion: 95 Resp: 63453
Ion Ratio Lower Upper
95 100
174 97.3 0.0 178.2
176 92.4 0.0 173.8

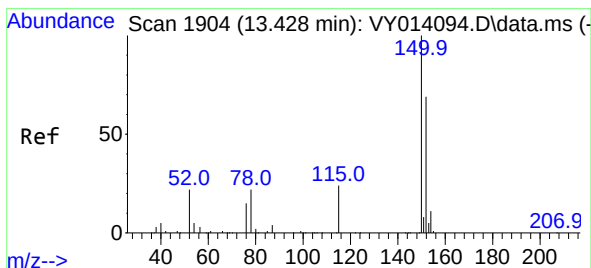
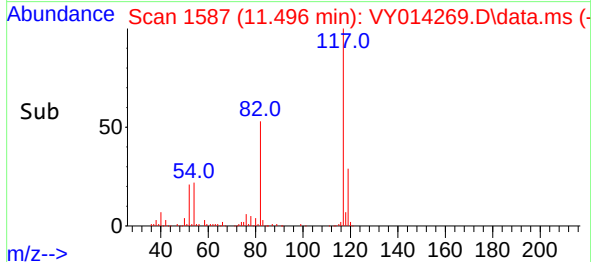
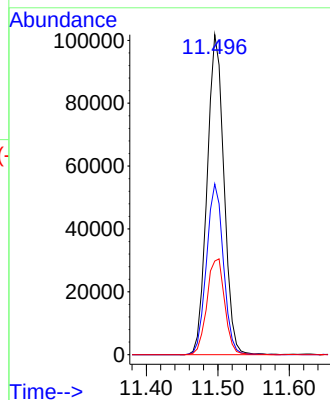
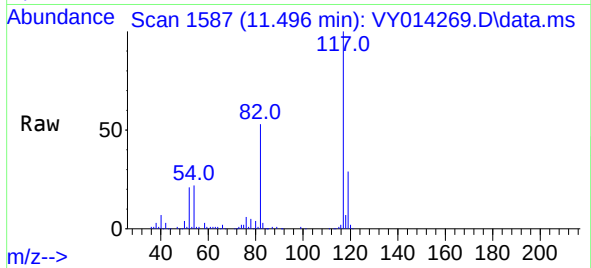




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

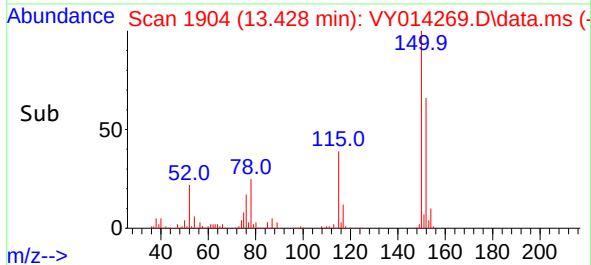
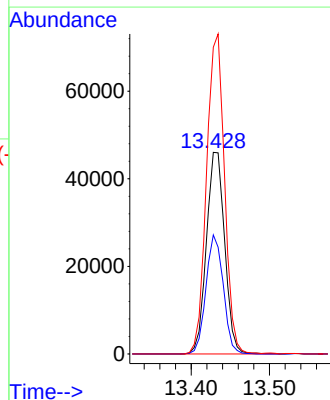
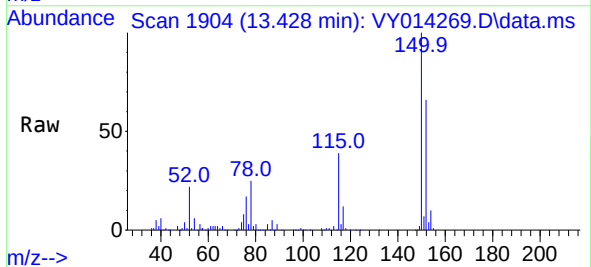
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

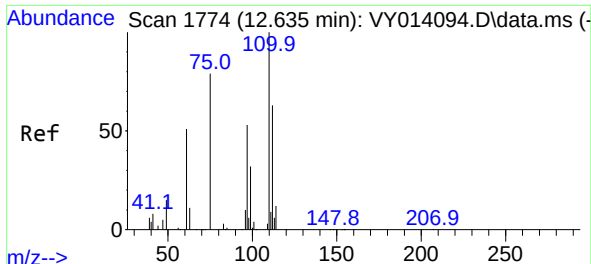
Tgt Ion:117 Resp: 166623
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 29.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

Tgt Ion:152 Resp: 74652
Ion Ratio Lower Upper
152 100
115 55.8 28.8 86.5
150 155.5 0.0 348.8

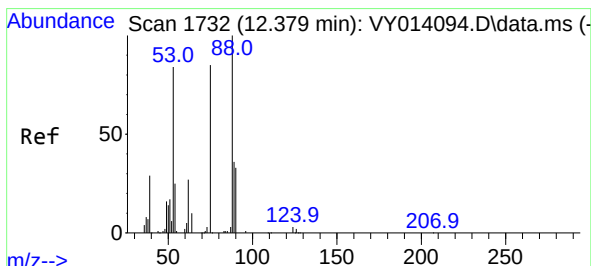
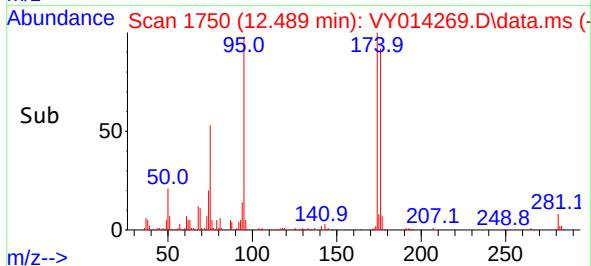
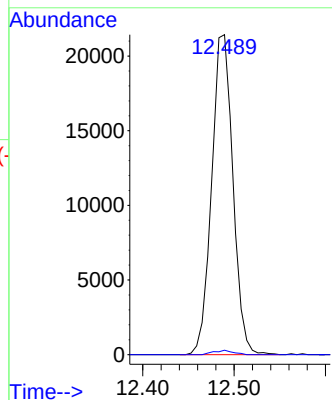
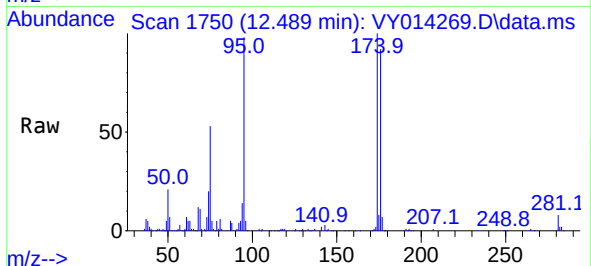




#76
1,2,3-Trichloropropane
Concen: 35.334 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Tgt Ion: 75 Resp: 34607
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.379 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY014269.D
Acq: 20 Jun 2023 08:33

Tgt Ion: 75 Resp: 34607
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

