

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014405.D
 Acq On : 23 Jun 2023 14:18
 Operator : KP/MD
 Sample : VY0623SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0623SBL01

Quant Time: Jun 23 17:24:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

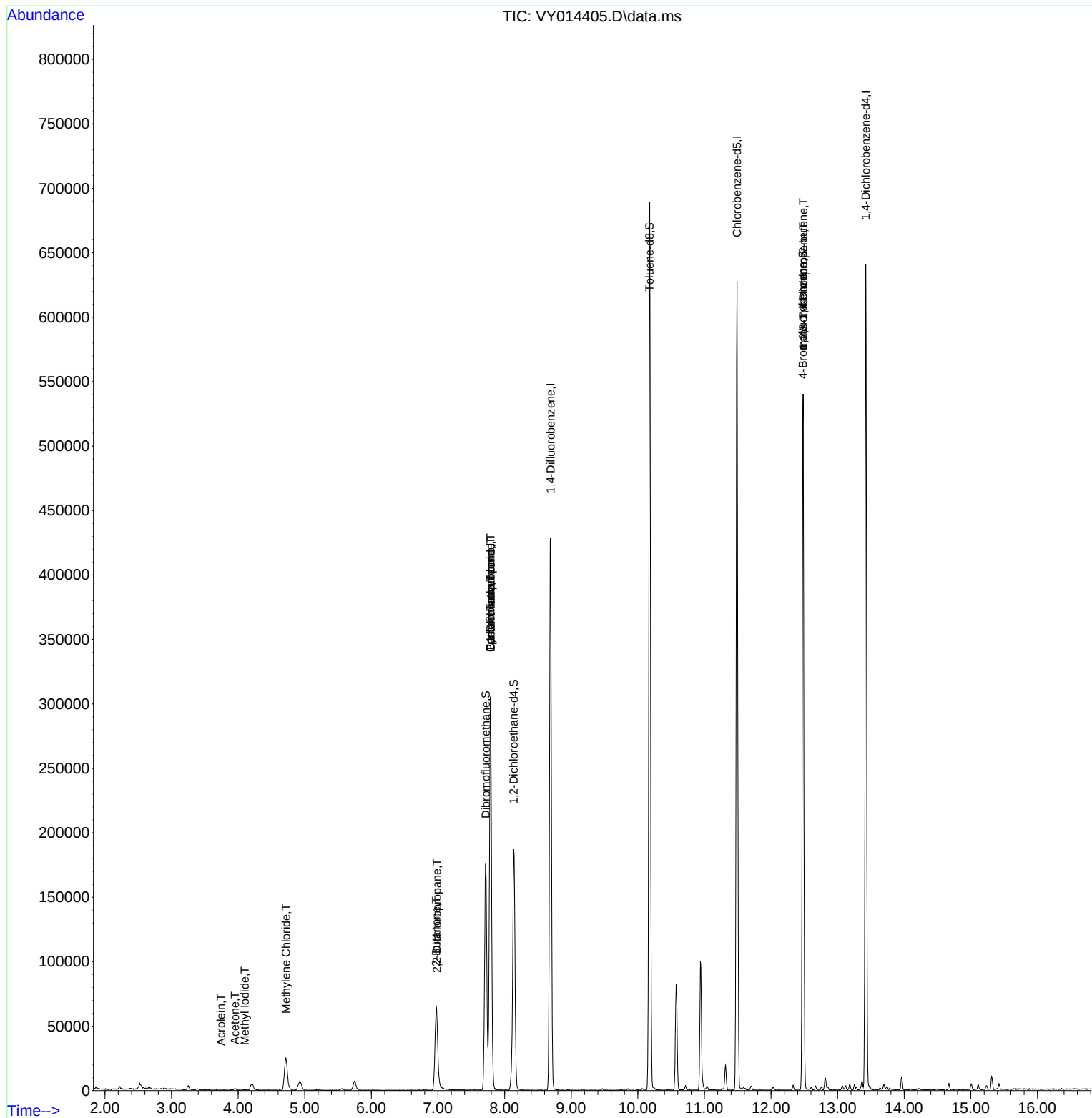
Internal Standards						
1) Pentafluorobenzene	7.789	168	234437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	361984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159709	54.869	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.740%			
35) Dibromofluoromethane	7.716	113	116256	51.983	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.960%			
50) Toluene-d8	10.179	98	443315	49.867	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.477	95	145101	45.719	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.440%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	559	3.059	ug/l #	78
11) Tert butyl alcohol	4.917	59	6570	Below Cal	#	89
13) Acrolein	3.741	56	116	4.643	ug/l #	80
16) Acetone	3.954	43	1769	1.931	ug/l #	82
20) Methylene Chloride	4.716	84	19881	2.204	ug/l #	84
25) 2-Butanone	6.972	43	3889	3.409	ug/l #	80
26) 2,2-Dichloropropane	6.984	77	4809	1.117	ug/l #	54
31) Cyclohexane	7.789	56	5129	1.427	ug/l #	34
36) 1,1-Dichloropropene	7.789	75	16824	4.882	ug/l #	51
38) Carbon Tetrachloride	7.789	117	23803	5.488	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	82305	40.144	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82305	91.396	ug/l #	11

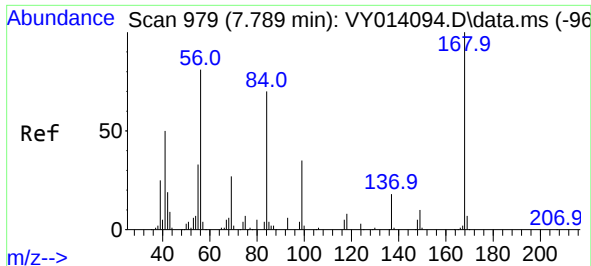
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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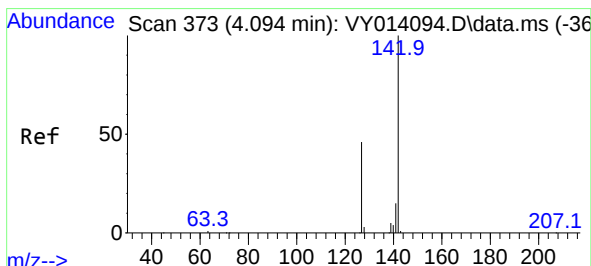
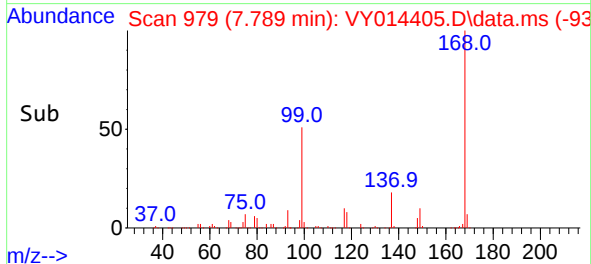
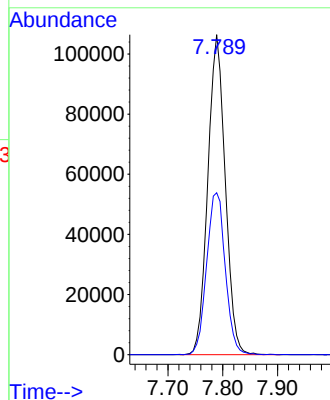
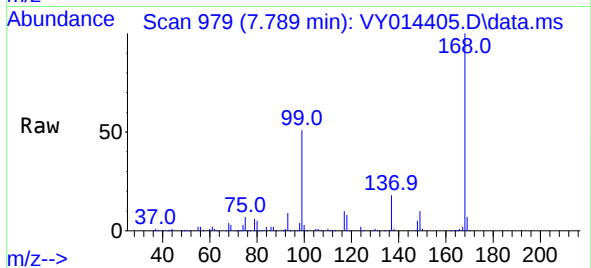




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

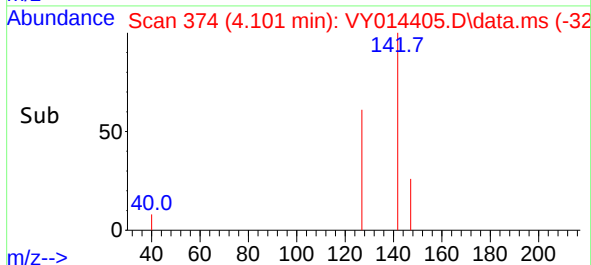
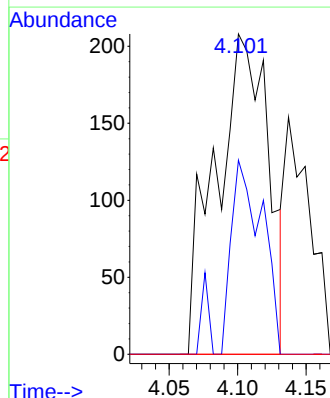
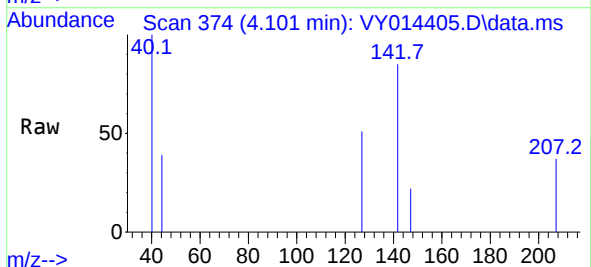
Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

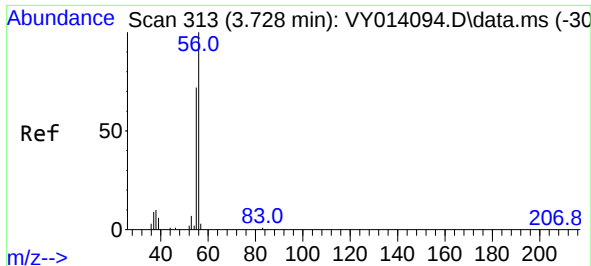
Tgt Ion:168 Resp: 234437
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#10
Methyl Iodide
Concen: 3.059 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

Tgt Ion:142 Resp: 559
Ion Ratio Lower Upper
142 100
127 35.4 37.6 56.4#
141 0.0 11.8 17.8#

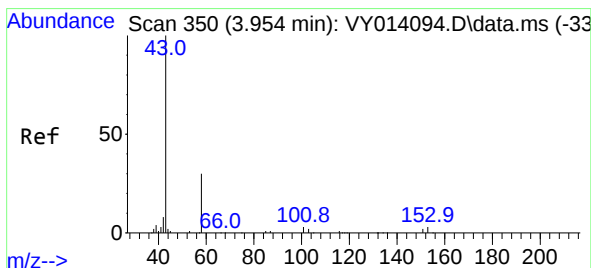
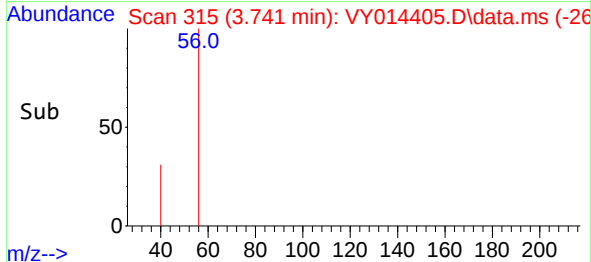
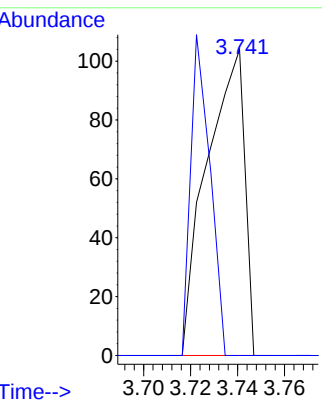
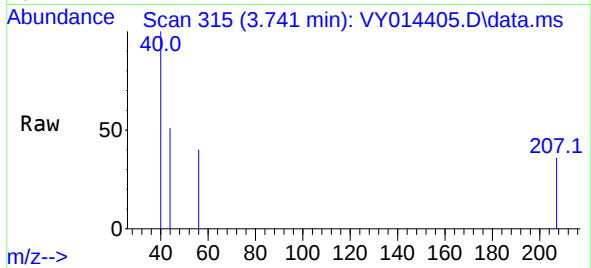




#13
Acrolein
Concen: 4.643 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.013 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

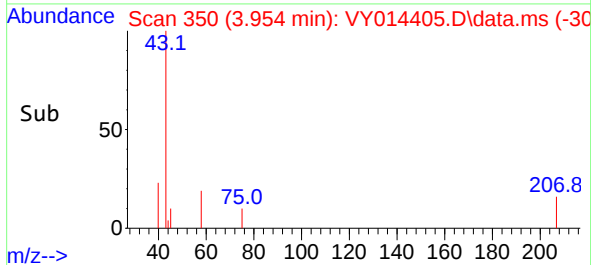
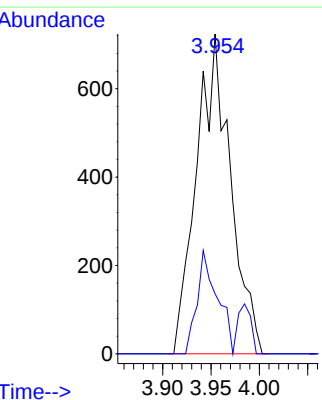
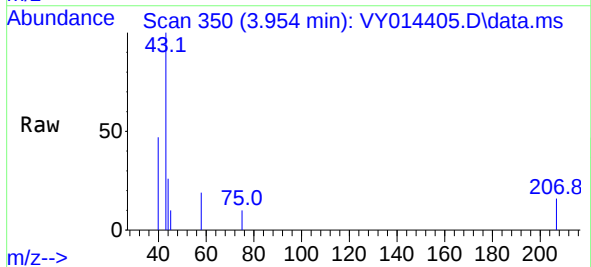
Instrument :
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ClientSampleId :
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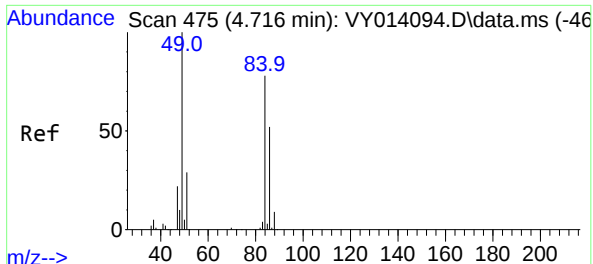
Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 54.3 57.0 85.4#



#16
Acetone
Concen: 1.931 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
58 18.8 22.7 34.1#

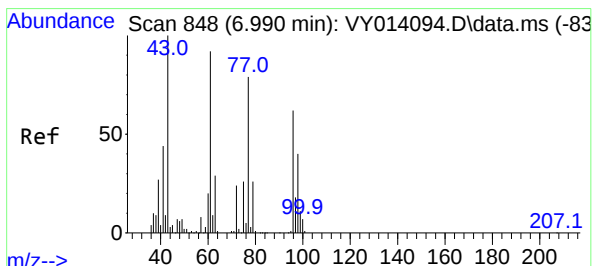
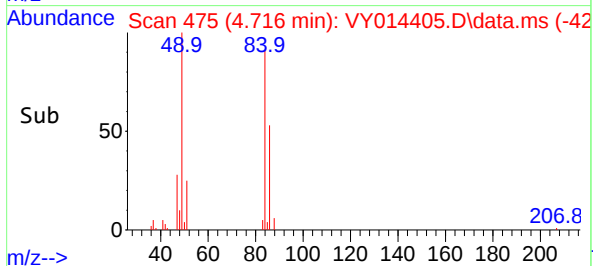
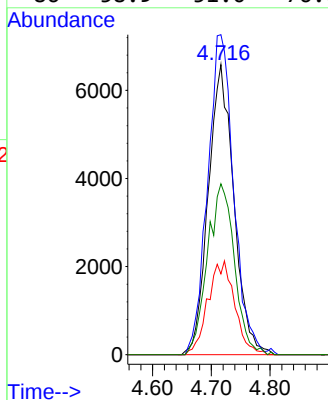
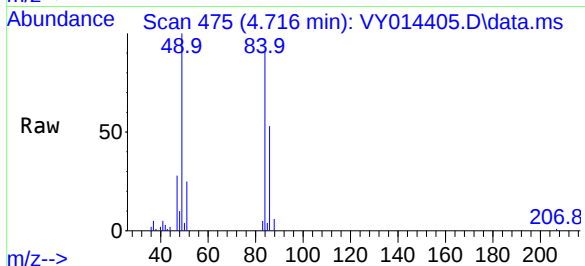




#20
Methylene Chloride
Concen: 2.204 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

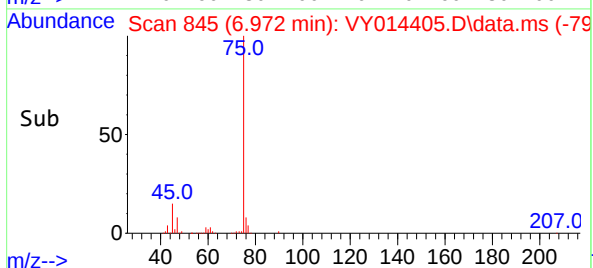
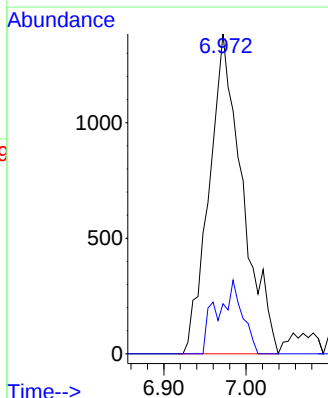
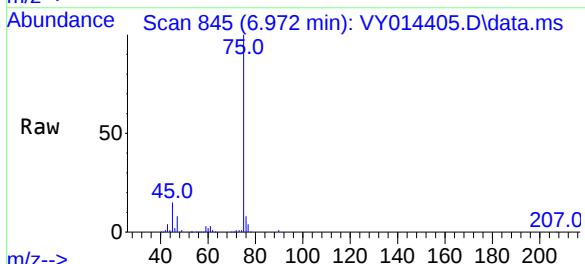
Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

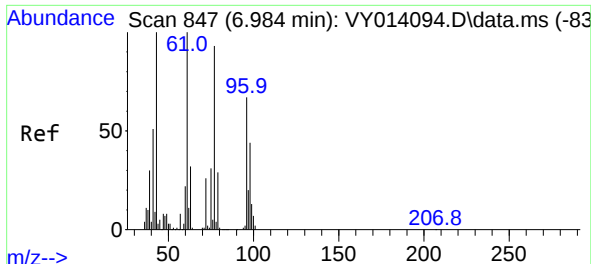
Tgt Ion:	84	Resp:	19881
Ion	Ratio	Lower	Upper
84	100		
49	110.3	106.9	160.3
51	27.8	33.2	49.8#
86	58.9	51.0	76.6



#25
2-Butanone
Concen: 3.409 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

Tgt Ion:	43	Resp:	3889
Ion	Ratio	Lower	Upper
43	100		
72	15.7	20.5	30.7#

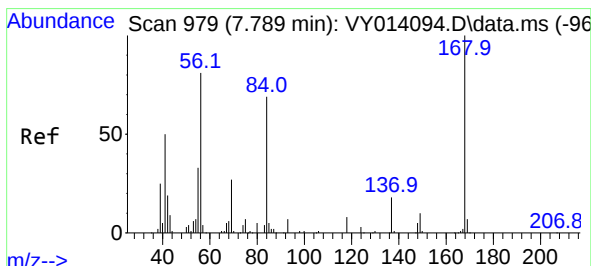
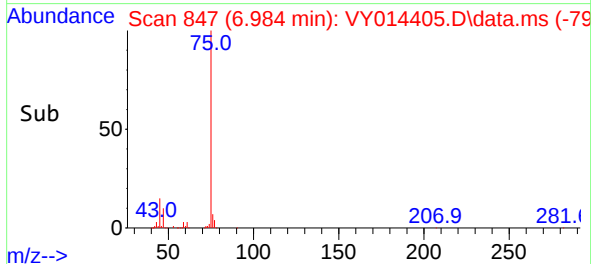
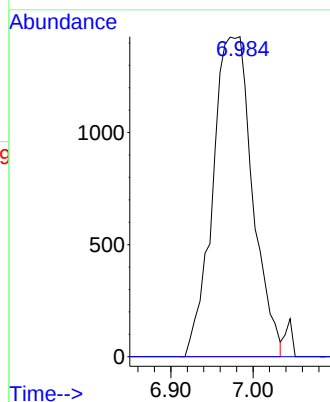
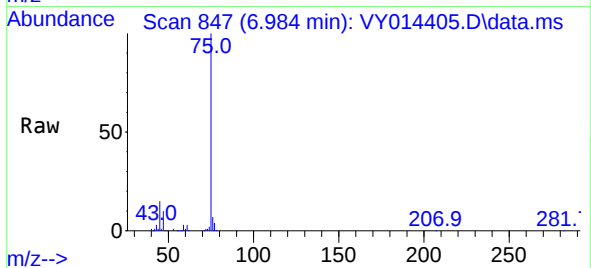




#26
2,2-Dichloropropane
Concen: 1.117 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

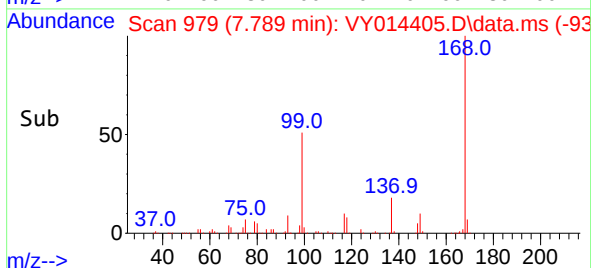
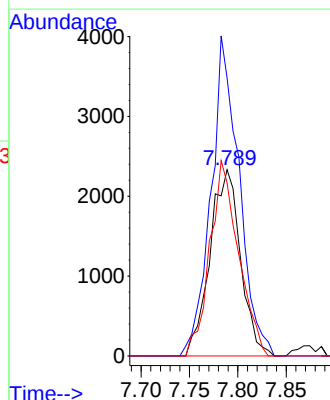
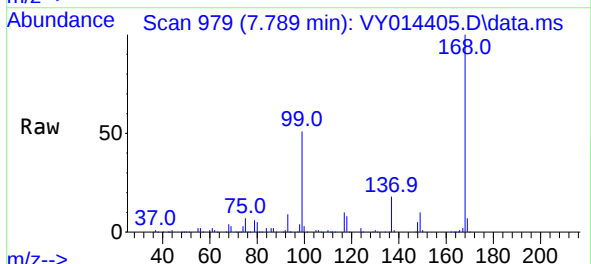
Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

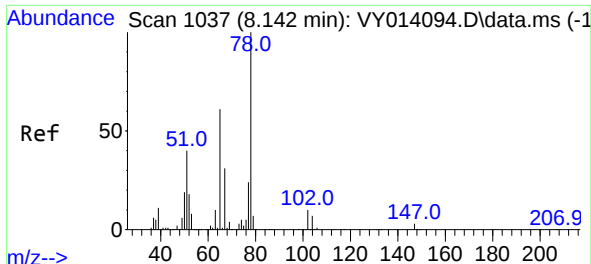
Tgt Ion: 77 Resp: 4809
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

Tgt Ion: 56 Resp: 5129
Ion Ratio Lower Upper
56 100
69 149.2 27.8 41.6#
84 92.9 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 54.869 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014405.D

Acq: 23 Jun 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

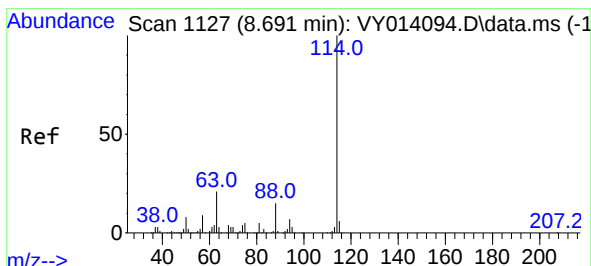
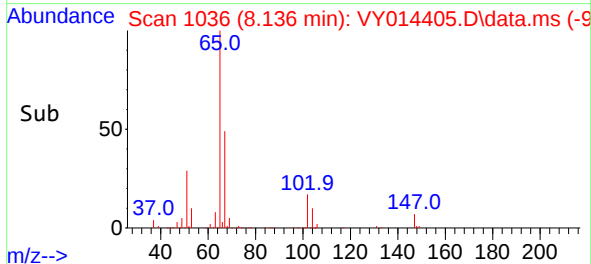
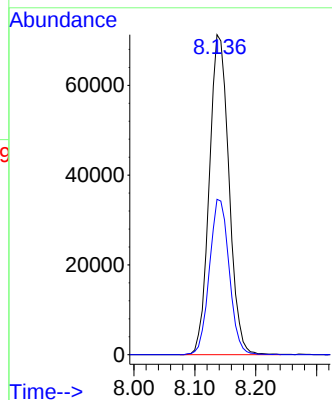
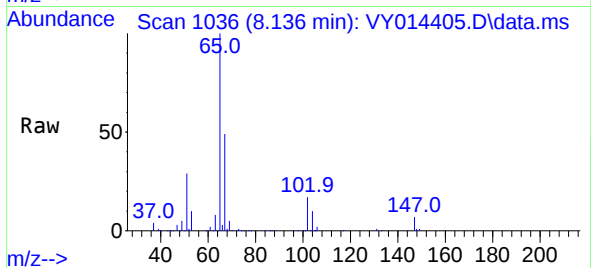
VY0623SBL01

Tgt Ion: 65 Resp: 159709

Ion Ratio Lower Upper

65 100

67 48.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014405.D

Acq: 23 Jun 2023 14:18

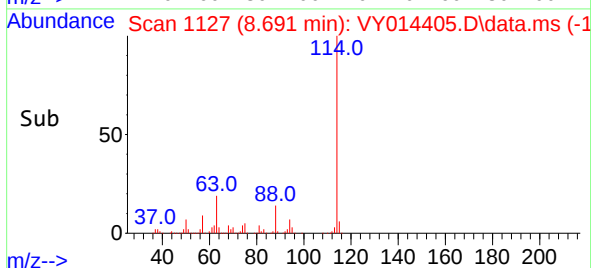
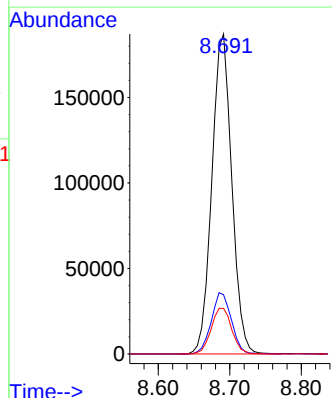
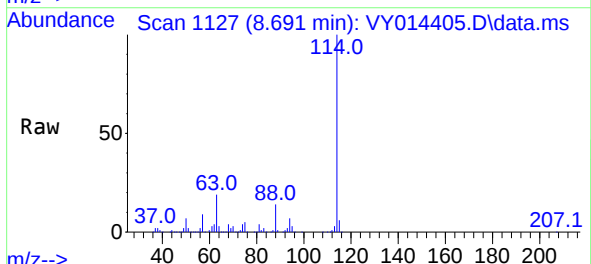
Tgt Ion: 114 Resp: 361984

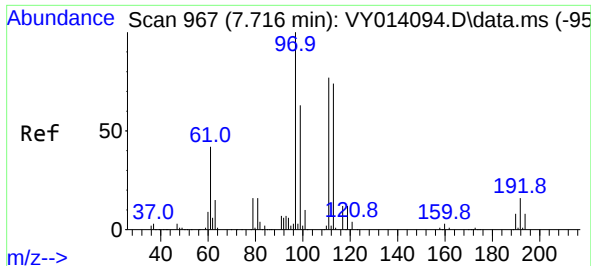
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.3 0.0 30.6

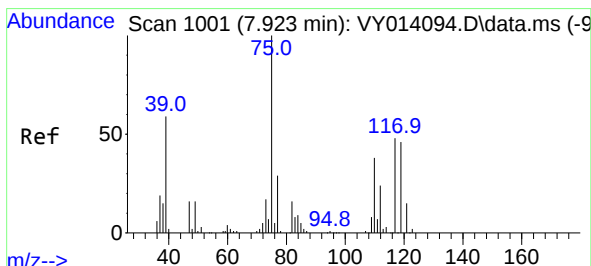
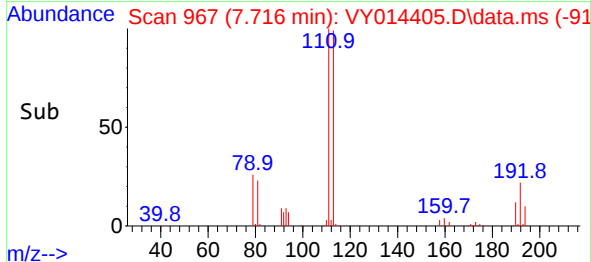
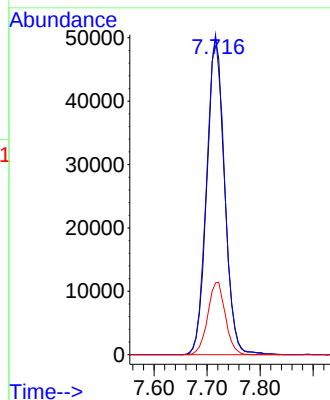
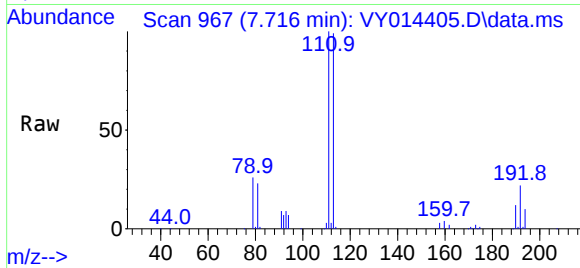




#35
Dibromofluoromethane
Concen: 51.983 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

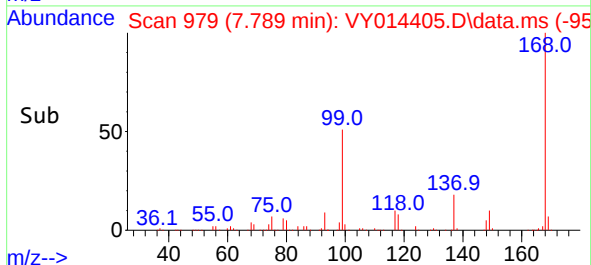
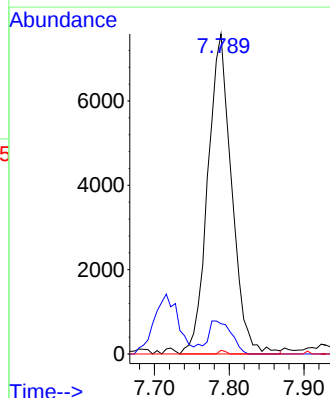
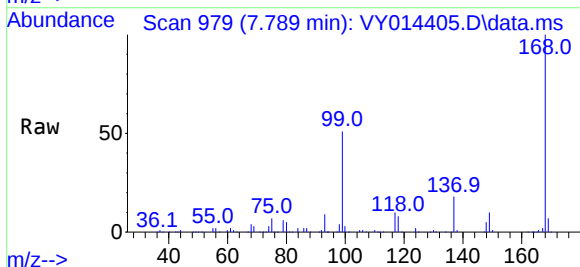
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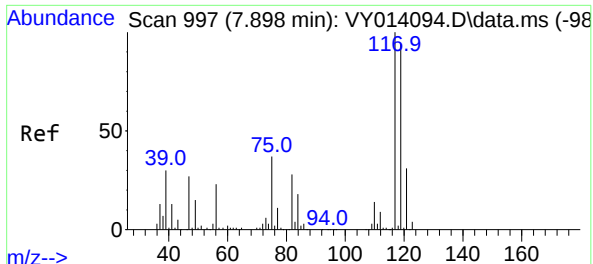
Tgt Ion:113 Resp: 116256
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 22.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.882 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

Tgt Ion: 75 Resp: 16824
Ion Ratio Lower Upper
75 100
110 10.5 17.8 53.5#
77 0.3 24.4 36.6#

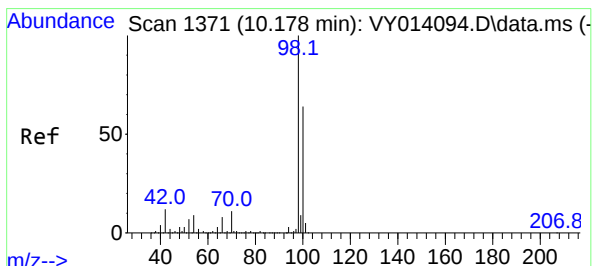
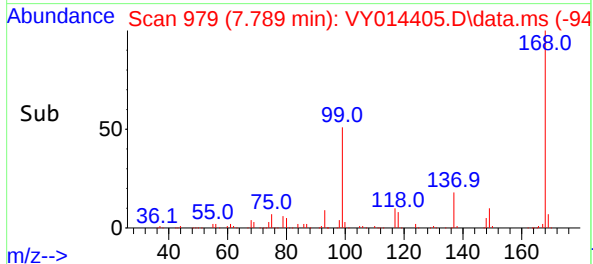
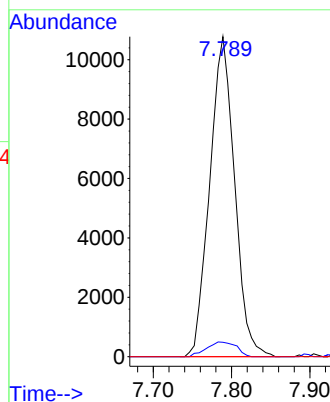
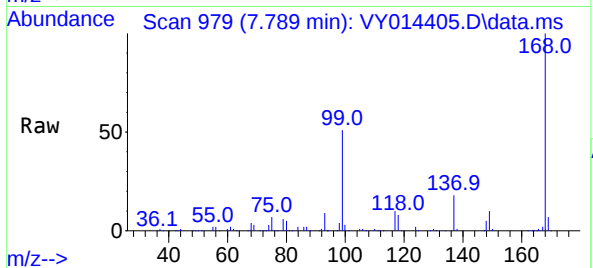




#38
Carbon Tetrachloride
Concen: 5.488 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

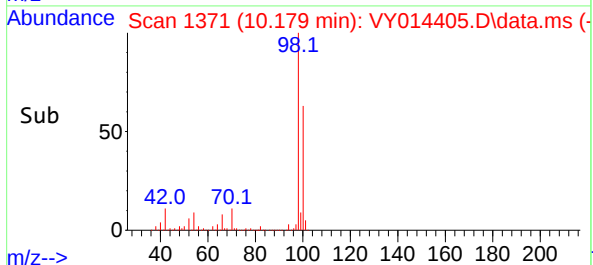
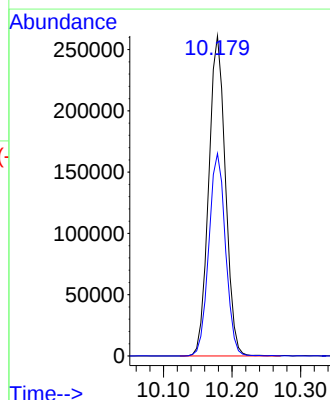
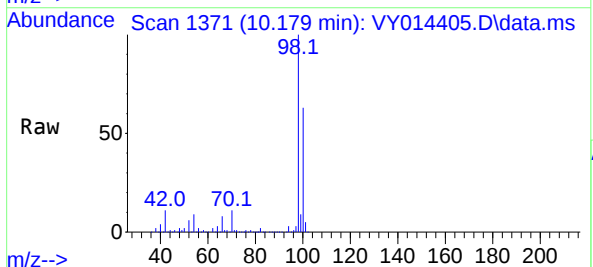
Instrument :
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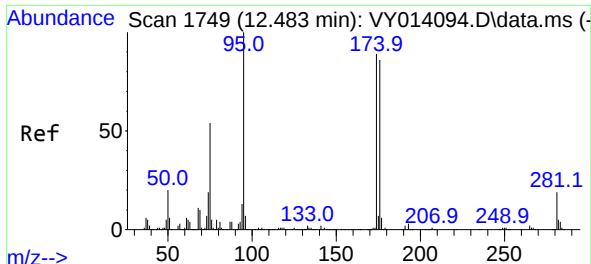
Tgt Ion:117 Resp: 23803
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.867 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

Tgt Ion: 98 Resp: 443315
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

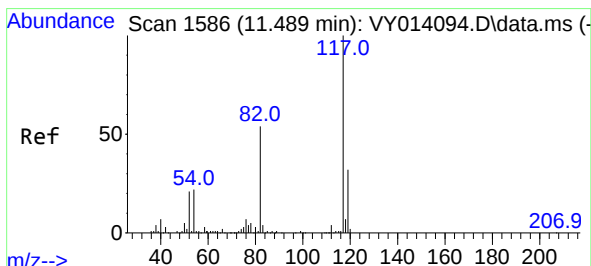
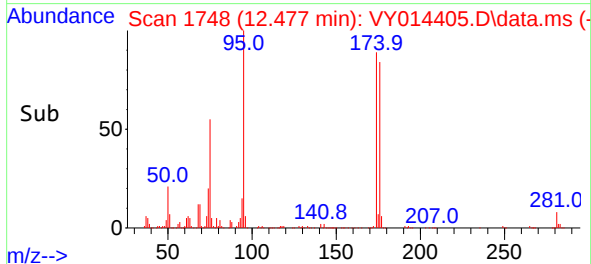
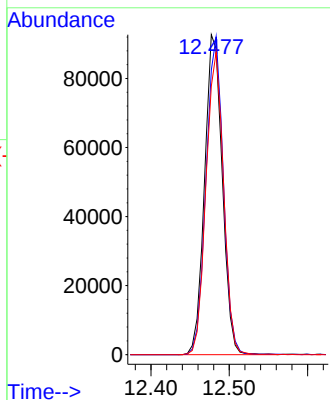
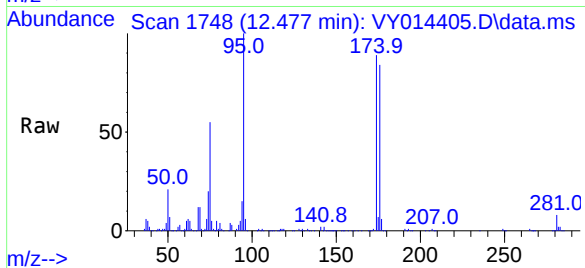




#62
4-Bromofluorobenzene
Concen: 45.719 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

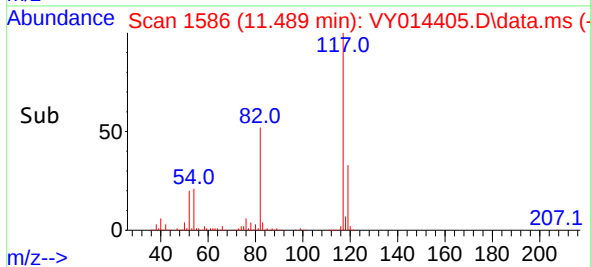
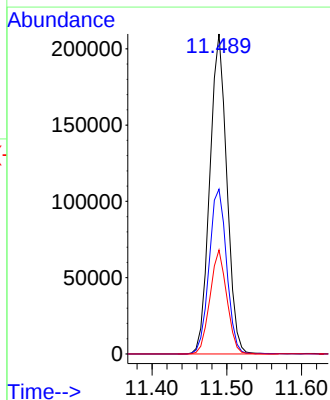
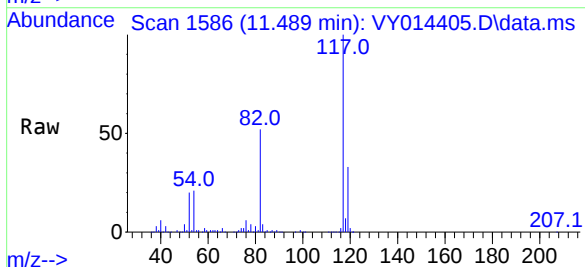
Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

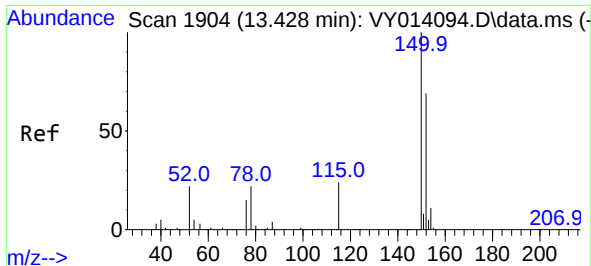
Tgt Ion: 95 Resp: 145101
Ion Ratio Lower Upper
95 100
174 97.1 0.0 178.2
176 93.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

Tgt Ion: 117 Resp: 333295
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.5 26.3 39.5

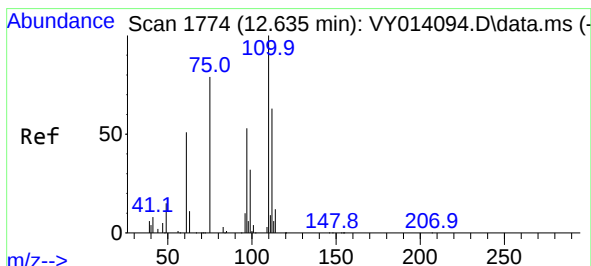
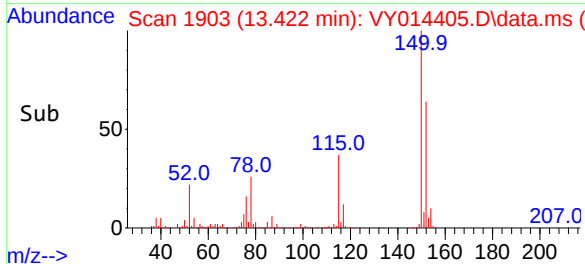
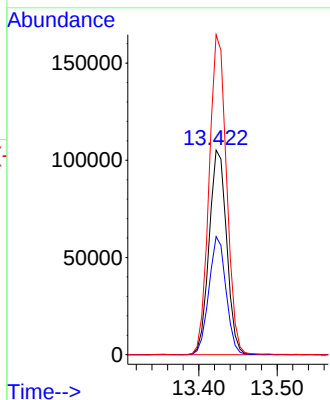
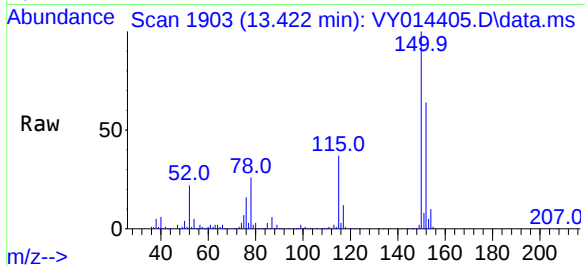




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

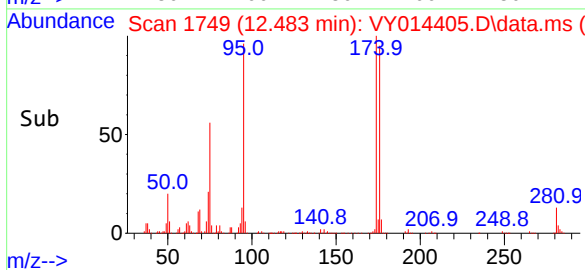
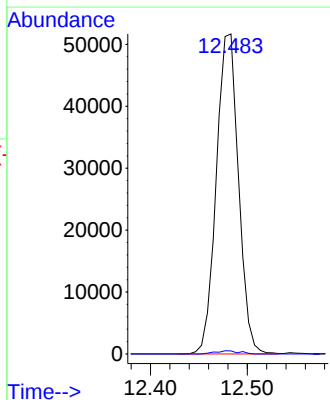
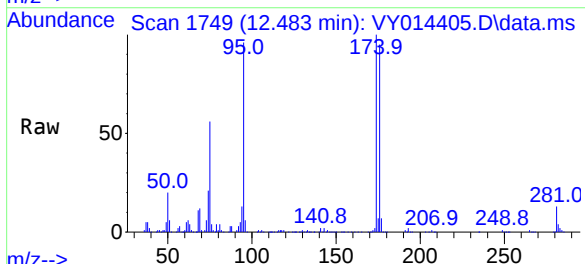
Instrument :
MSVOA_Y
ClientSampleId :
VY0623SBL01

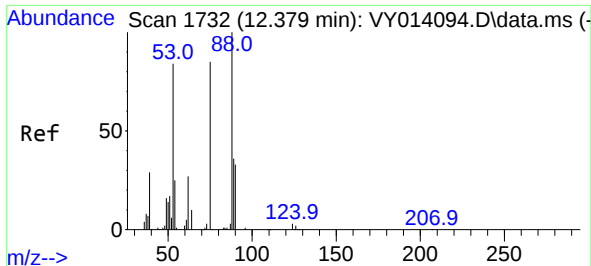
Tgt Ion:152 Resp: 163440
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 155.8 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.144 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014405.D
Acq: 23 Jun 2023 14:18

Tgt Ion: 75 Resp: 82305
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.396 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014405.D
 Acq: 23 Jun 2023 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0623SBL01

Tgt Ion: 75 Resp: 82305
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

