

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015274.D
 Acq On : 23 Aug 2023 03:23
 Operator : SY/MD
 Sample : 04110-17
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24(4-5)

Quant Time: Aug 23 05:00:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

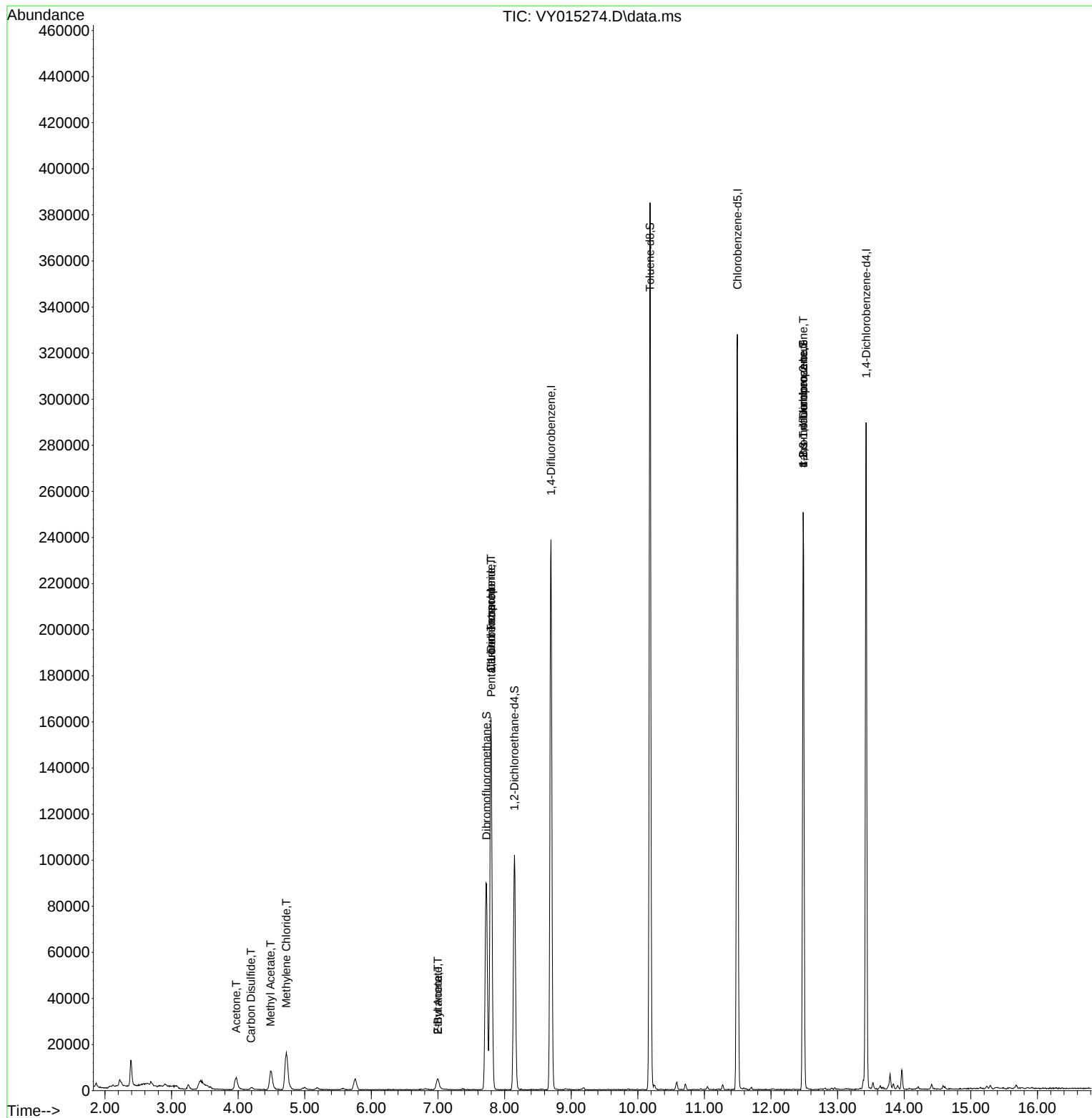
Internal Standards						
1) Pentafluorobenzene	7.801	168	125145	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	205641	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	178754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80036	53.277	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.560%	
35) Dibromofluoromethane	7.728	113	64485	48.743	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.480%	
50) Toluene-d8	10.185	98	240587	48.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.700%	
62) 4-Bromofluorobenzene	12.483	95	70709	39.310	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	223	Below Cal	#	52
5) Bromomethane	2.650	94	166	Below Cal	#	75
11) Tert butyl alcohol	5.003	59	2131	Below Cal	#	95
16) Acetone	3.973	43	10200	20.784	ug/l #	88
17) Carbon Disulfide	4.192	76	1972	1.287	ug/l #	94
18) Methyl Acetate	4.485	43	16962	9.432	ug/l	96
20) Methylene Chloride	4.722	84	12425	6.829	ug/l	93
25) 2-Butanone	6.996	43	2607	3.752	ug/l #	88
31) Cyclohexane	7.795	56	2848	Below Cal	#	7
36) 1,1-Dichloropropene	7.795	75	9703	6.629	ug/l #	50
37) Ethyl Acetate	6.996	43	2607	1.911	ug/l #	72
38) Carbon Tetrachloride	7.795	117	12900	7.447	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	38805	44.222	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38805	97.133	ug/l #	10

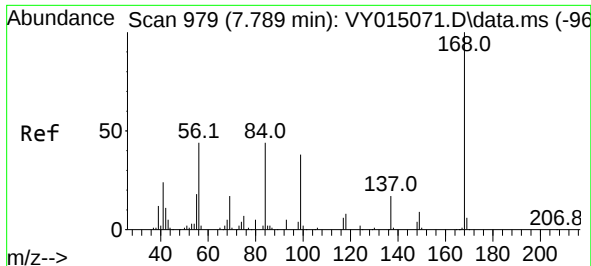
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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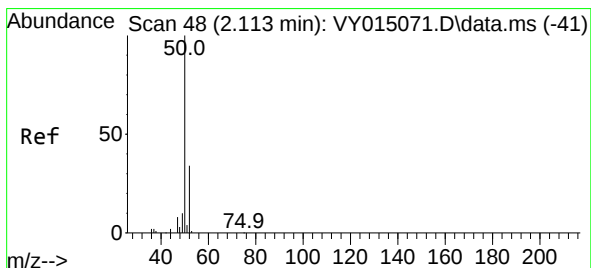
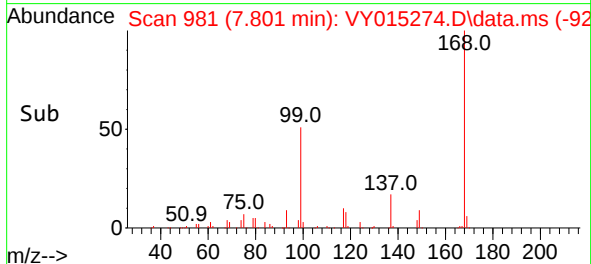
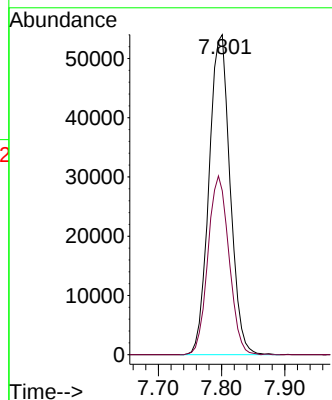
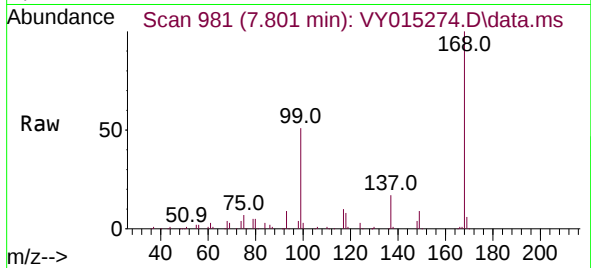




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

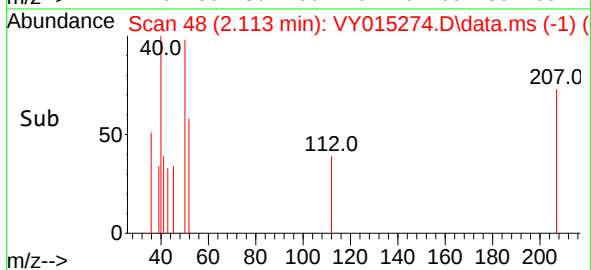
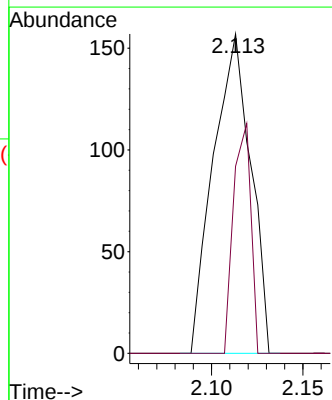
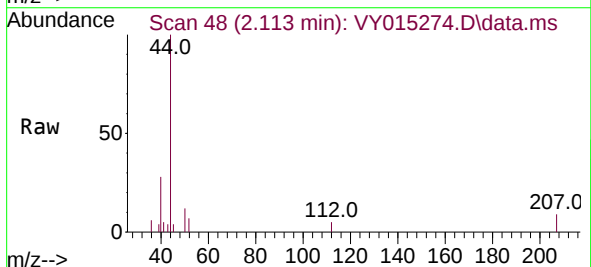
Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

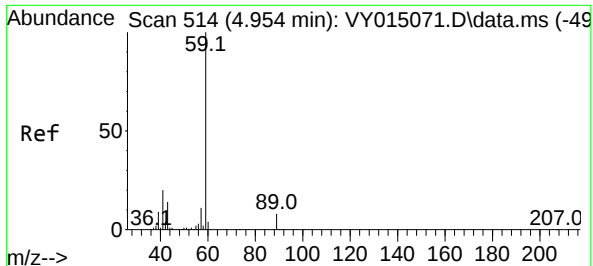
Tgt Ion:168 Resp: 125145
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 58.6 25.4 38.2#

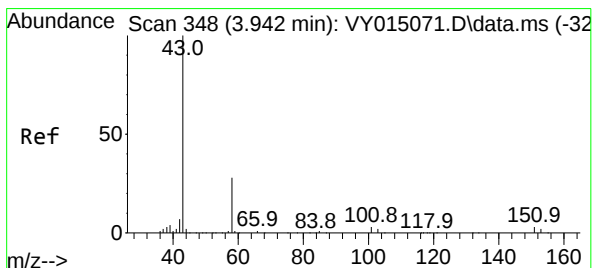
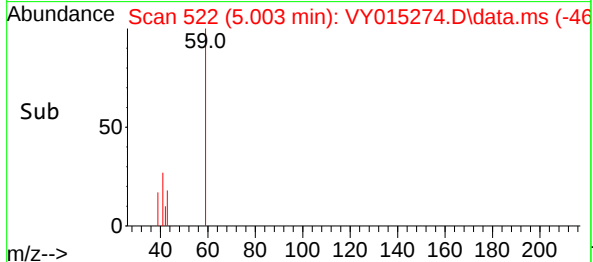
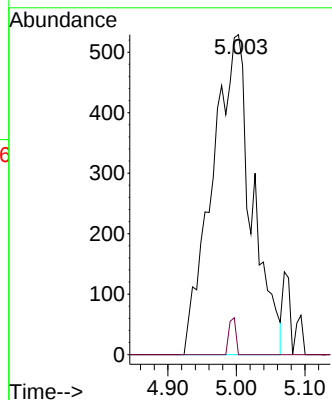
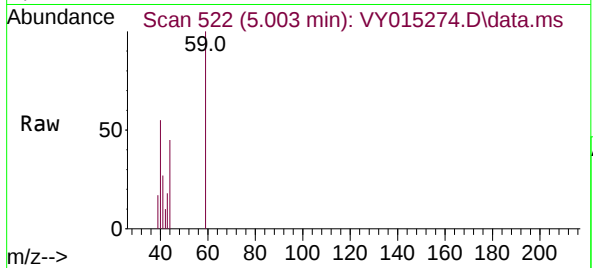




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.003 min Scan# 51
Delta R.T. 0.055 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

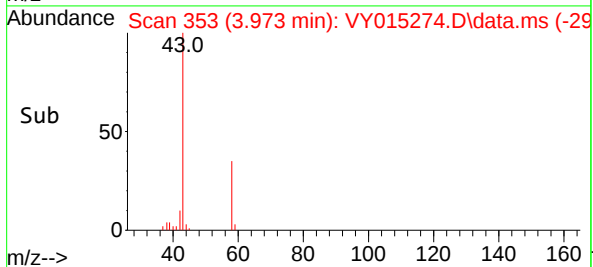
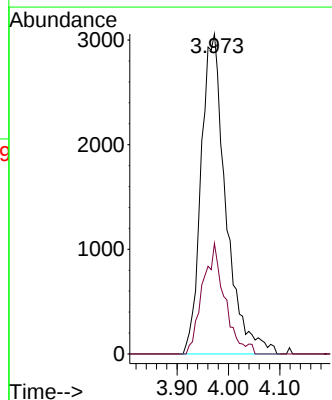
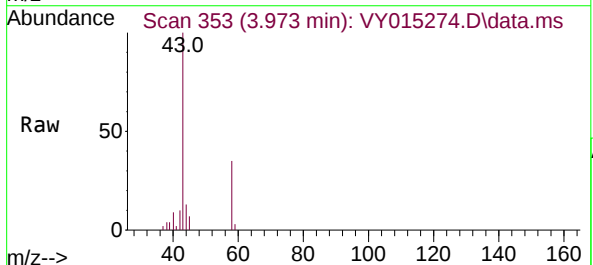
Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

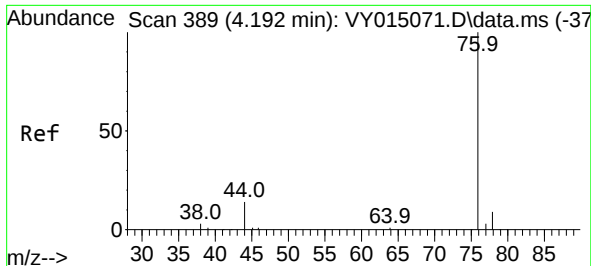
Tgt Ion: 59 Resp: 2131
Ion Ratio Lower Upper
59 100
57 2.0 3.0 4.4#



#16
Acetone
Concen: 20.784 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 43 Resp: 10200
Ion Ratio Lower Upper
43 100
58 34.6 22.7 34.1#

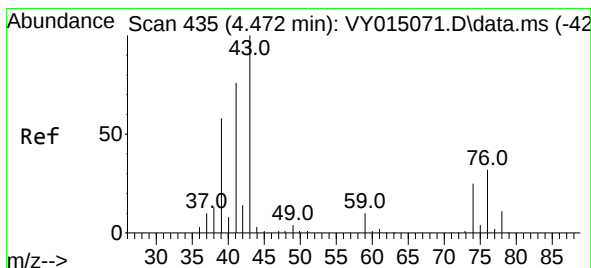
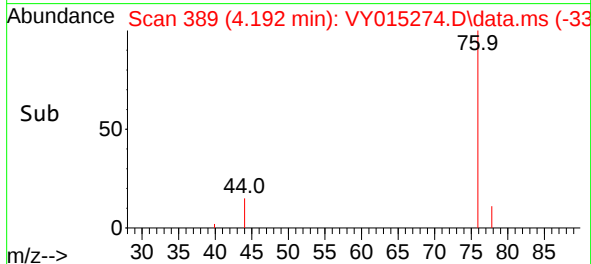
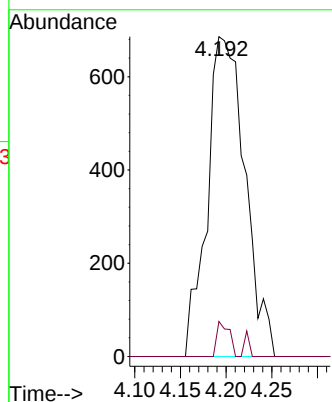
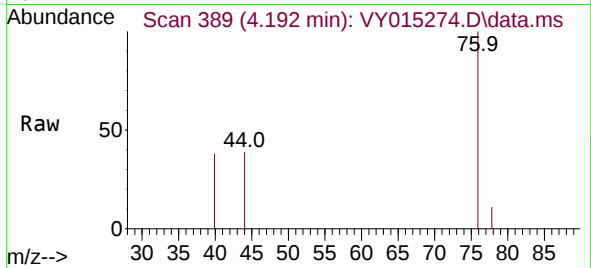




#17
Carbon Disulfide
Concen: 1.287 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

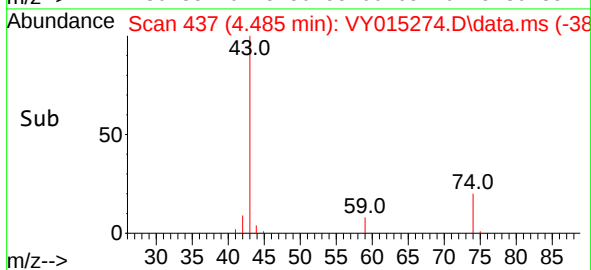
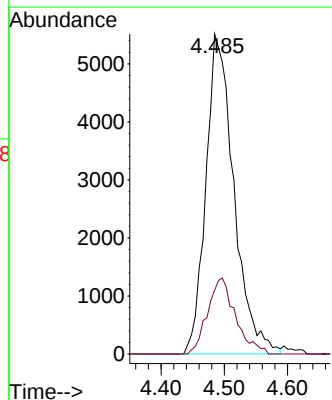
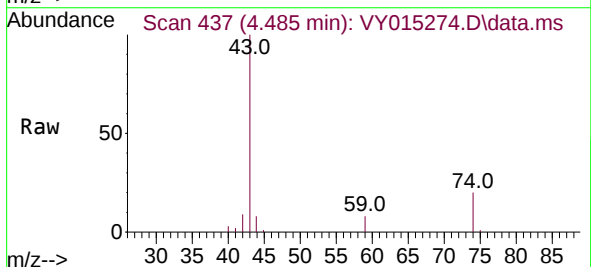
Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

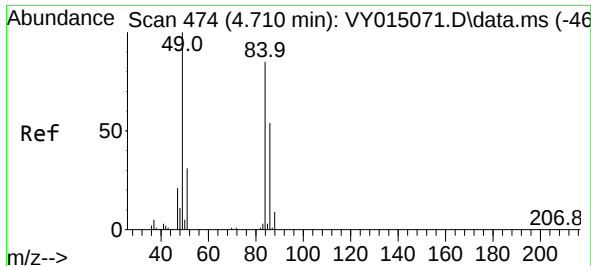
Tgt Ion: 76 Resp: 1972
Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.4#



#18
Methyl Acetate
Concen: 9.432 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 43 Resp: 16962
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0

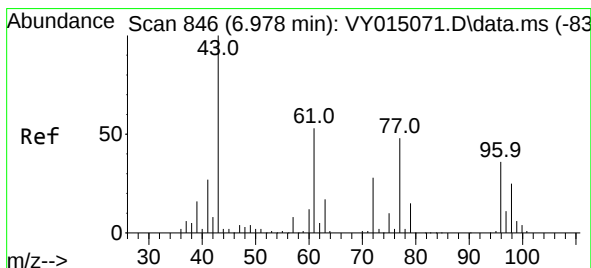
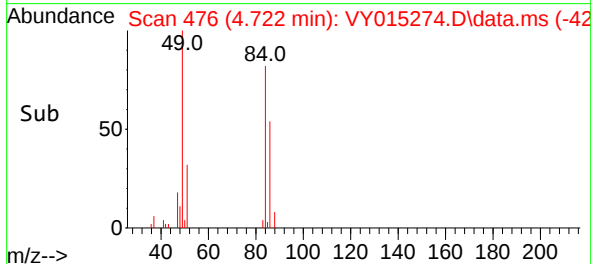
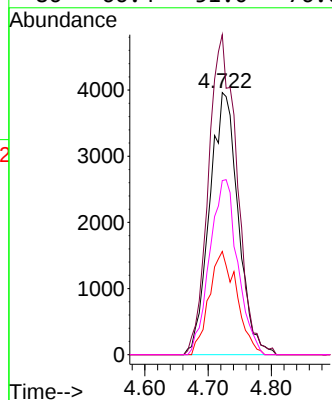
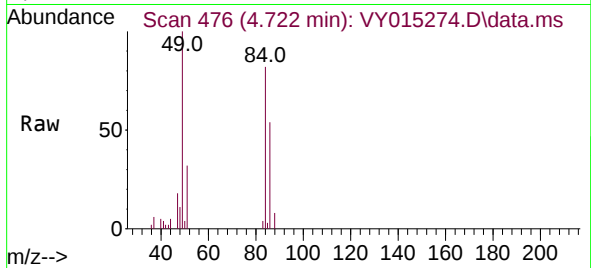




#20
Methylene Chloride
Concen: 6.829 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

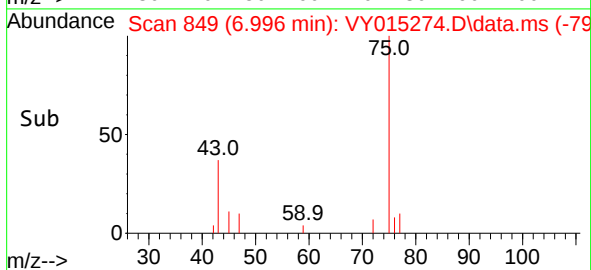
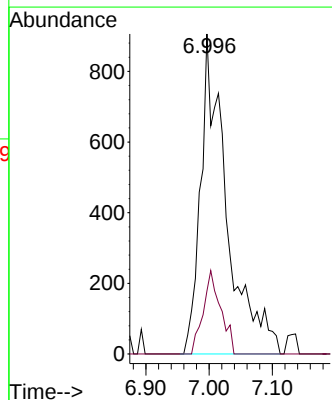
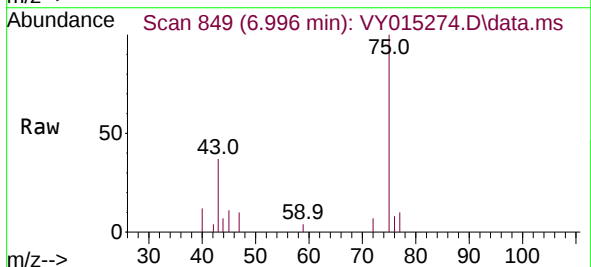
Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

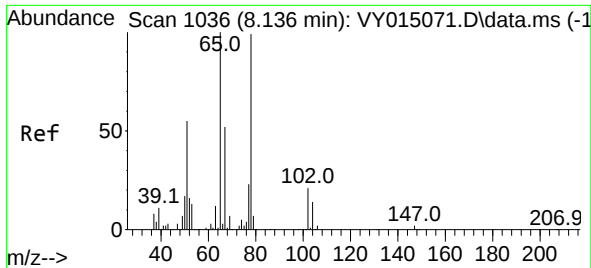
Tgt Ion: 84 Resp: 12425
Ion Ratio Lower Upper
84 100
49 122.1 106.9 160.3
51 39.4 33.2 49.8
86 66.4 51.0 76.6



#25
2-Butanone
Concen: 3.752 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 43 Resp: 2607
Ion Ratio Lower Upper
43 100
72 19.6 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 53.277 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015274.D

Acq: 23 Aug 2023 03:23

Instrument :

MSVOA_Y

ClientSampleId :

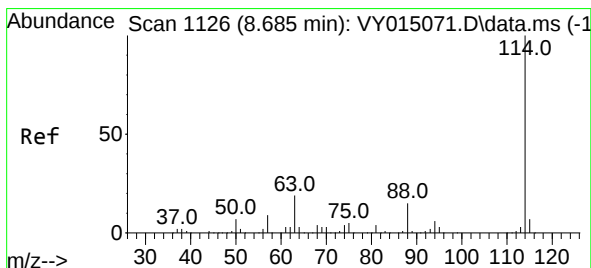
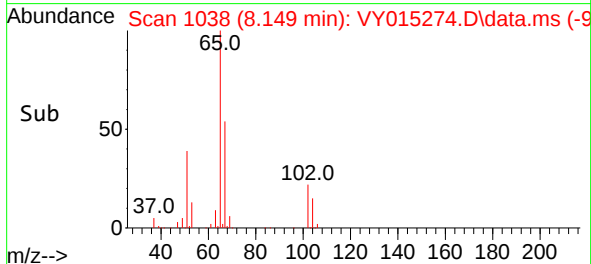
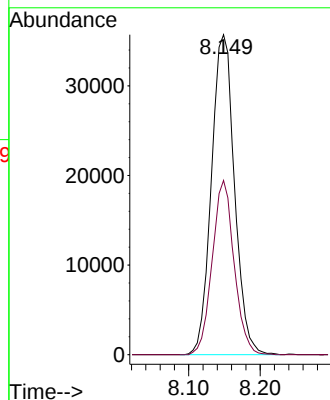
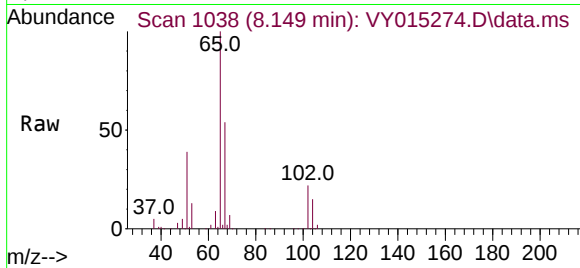
TP-24(4-5)

Tgt Ion: 65 Resp: 80036

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015274.D

Acq: 23 Aug 2023 03:23

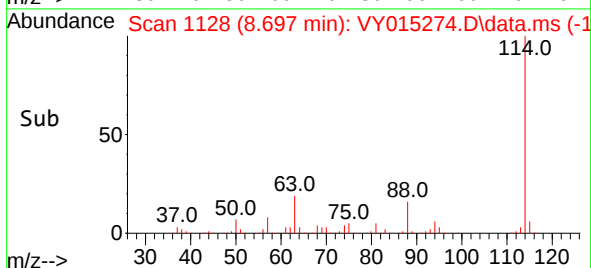
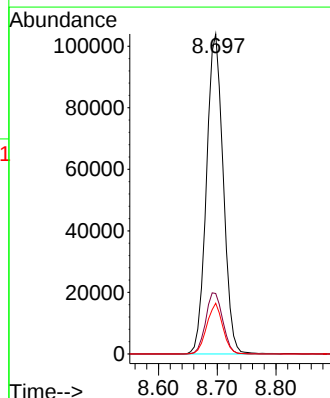
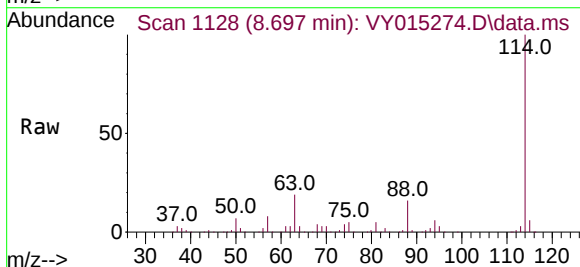
Tgt Ion: 114 Resp: 205641

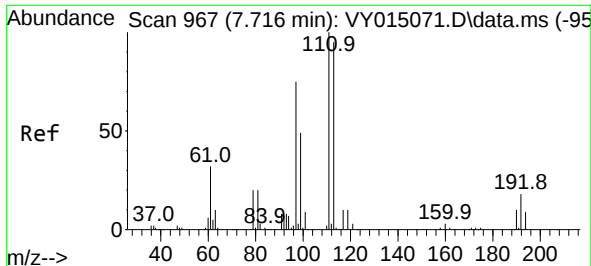
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.9 0.0 30.6

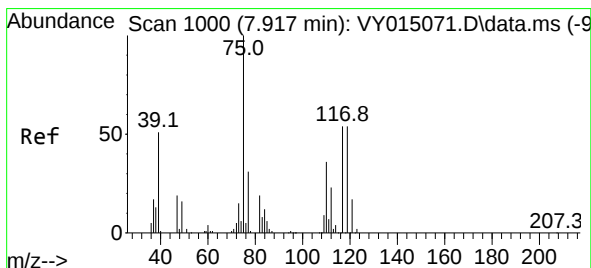
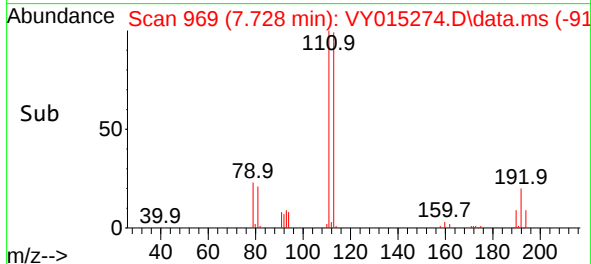
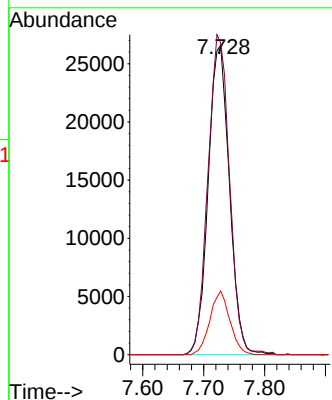
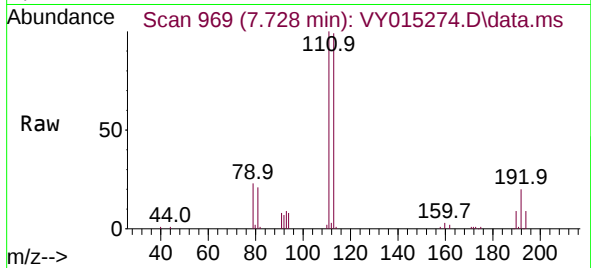




#35
Dibromofluoromethane
Concen: 48.743 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

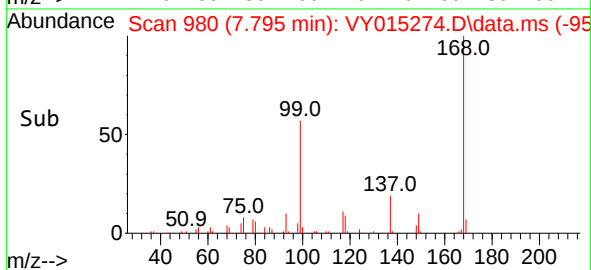
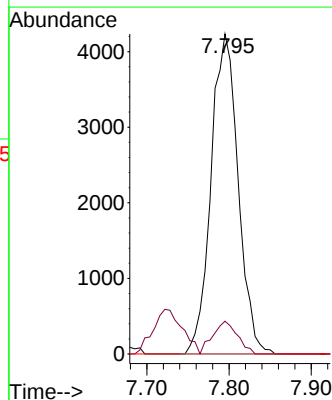
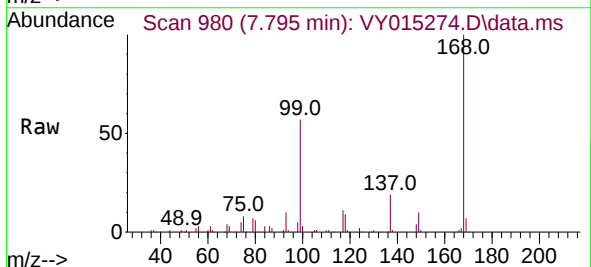
Instrument :
MSVOA_Y
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TP-24(4-5)

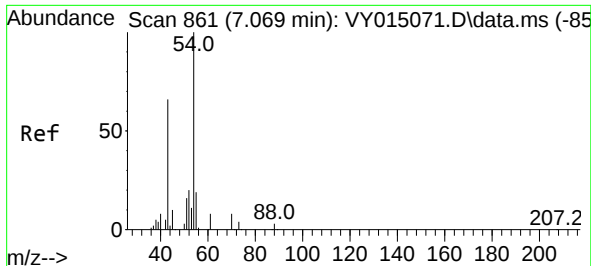
Tgt Ion:113 Resp: 64485
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.629 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 75 Resp: 9703
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.911 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.073 min

Lab File: VY015274.D

Acq: 23 Aug 2023 03:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-24(4-5)

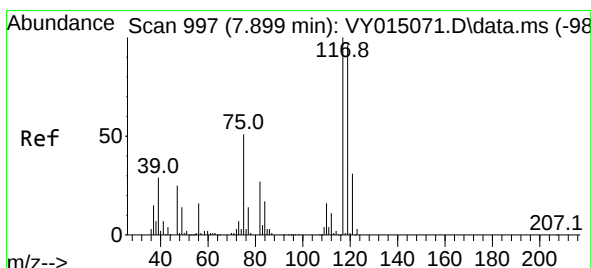
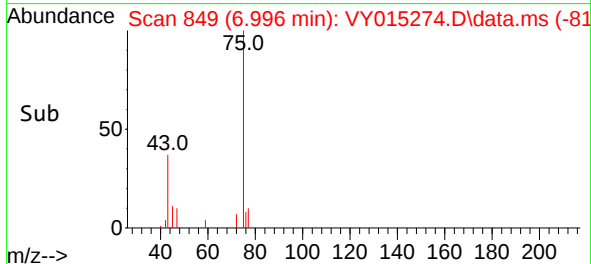
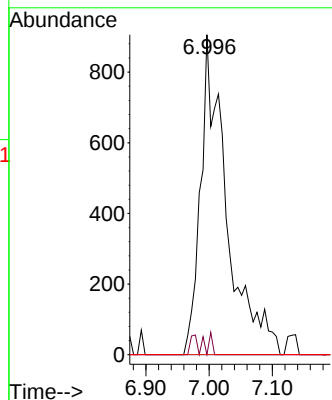
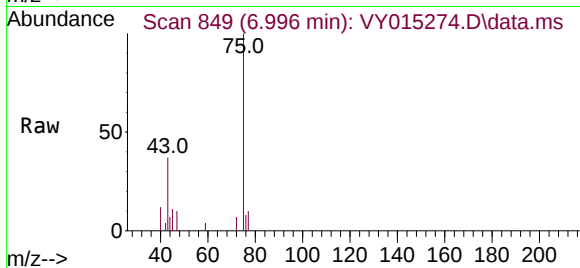
Tgt Ion: 43 Resp: 2607

Ion Ratio Lower Upper

43 100

61 0.7 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 7.447 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY015274.D

Acq: 23 Aug 2023 03:23

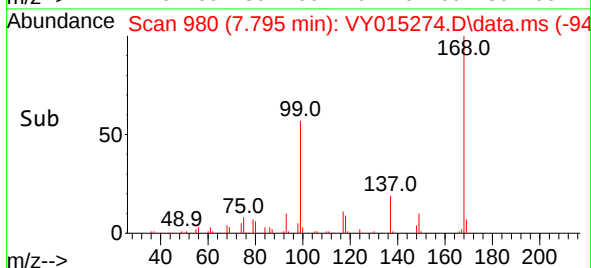
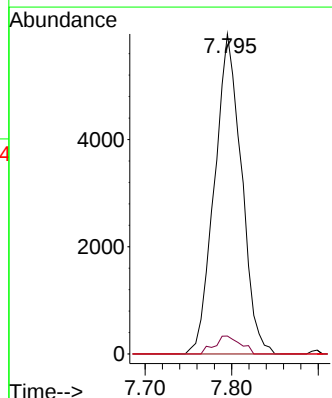
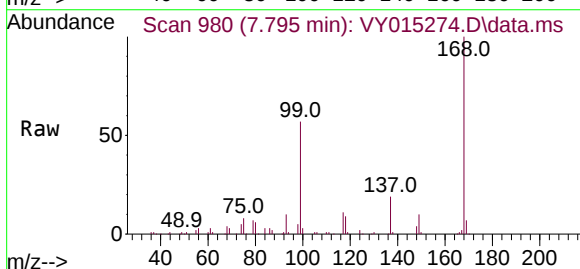
Tgt Ion: 117 Resp: 12900

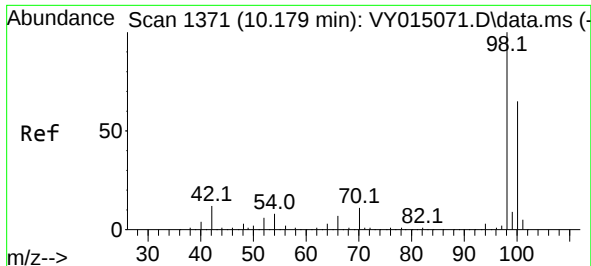
Ion Ratio Lower Upper

117 100

119 5.6 76.4 114.6#

121 0.0 25.8 38.6#

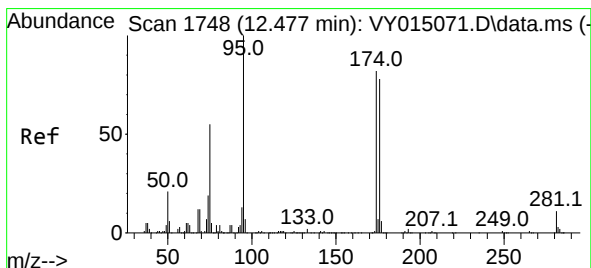
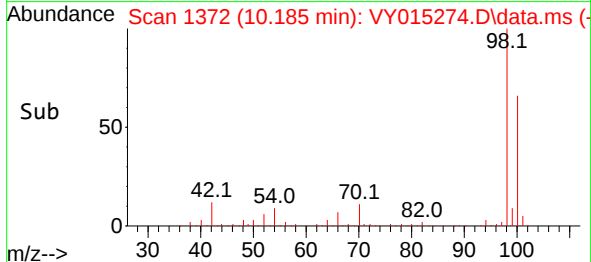
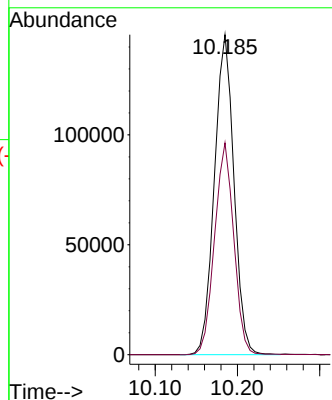
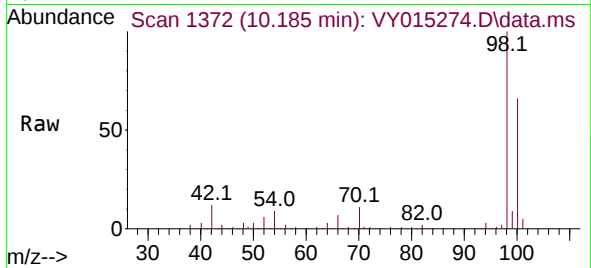




#50
Toluene-d8
Concen: 48.852 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

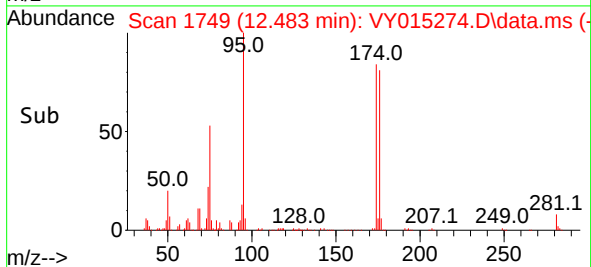
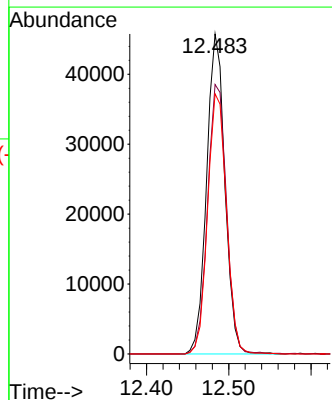
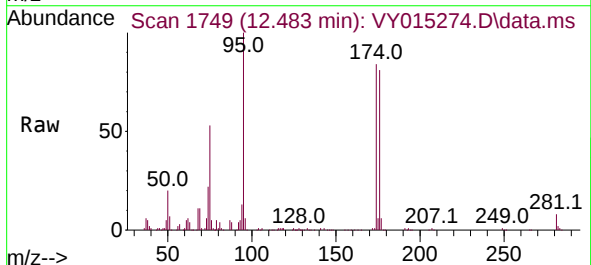
Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

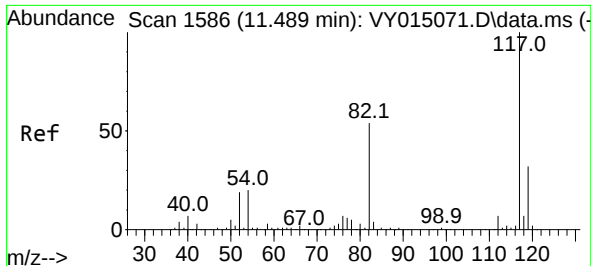
Tgt Ion: 98 Resp: 240587
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.310 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 95 Resp: 70709
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 83.9 0.0 173.8

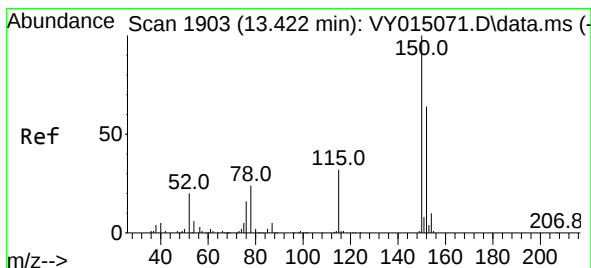
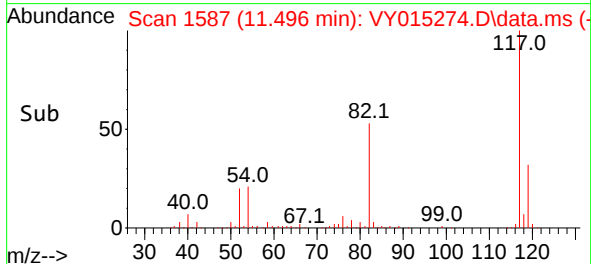
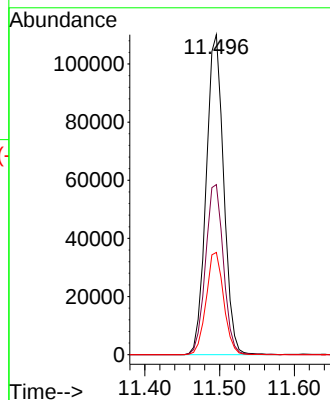
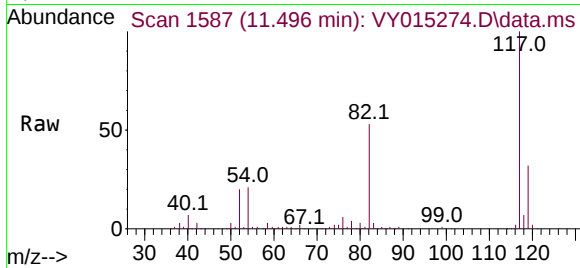




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

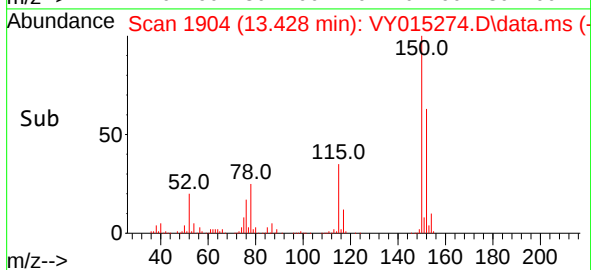
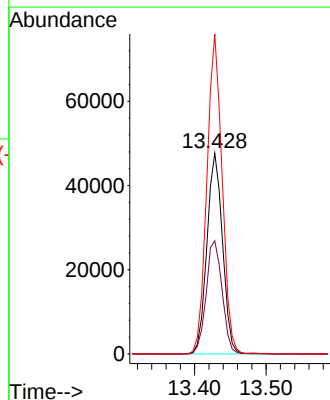
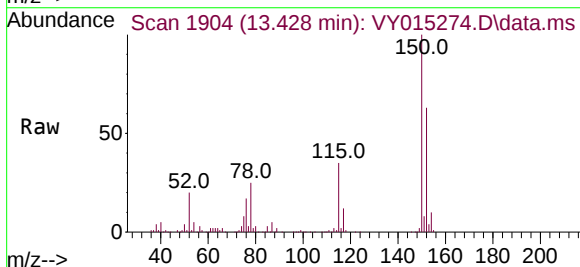
Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

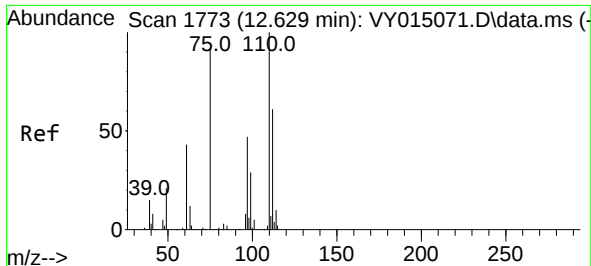
Tgt Ion:117 Resp: 178754
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion:152 Resp: 72227
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 155.9 0.0 348.8

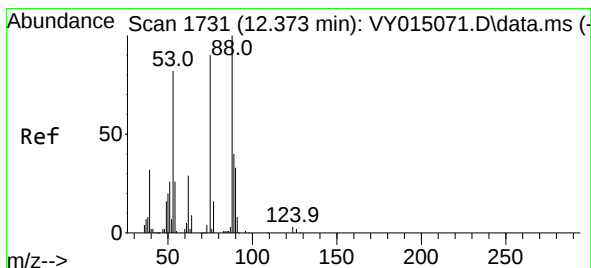
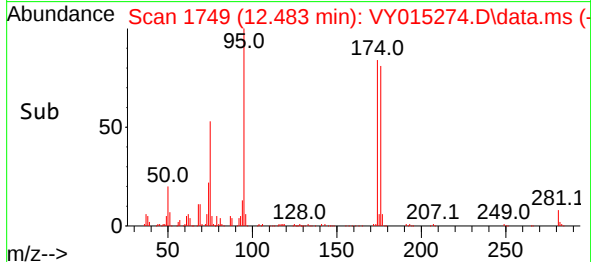
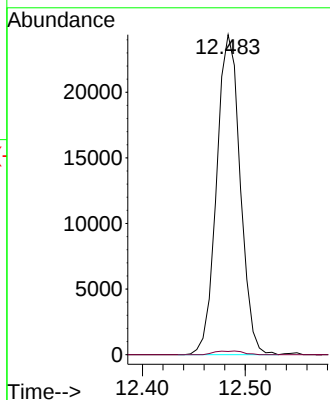
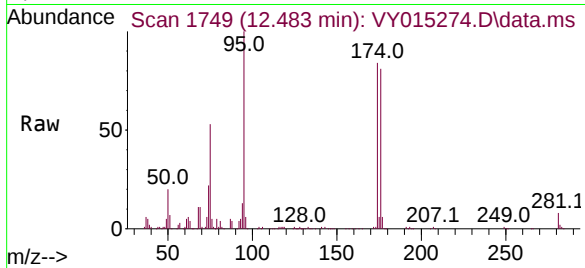




#76
1,2,3-Trichloropropane
Concen: 44.222 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-24(4-5)

Tgt Ion: 75 Resp: 38805
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.133 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY015274.D
Acq: 23 Aug 2023 03:23

Tgt Ion: 75 Resp: 38805
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

