

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021595.D
 Acq On : 21 Mar 2025 13:28
 Operator : SY/MD
 Sample : Q1619-13
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Mar 21 23:10:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

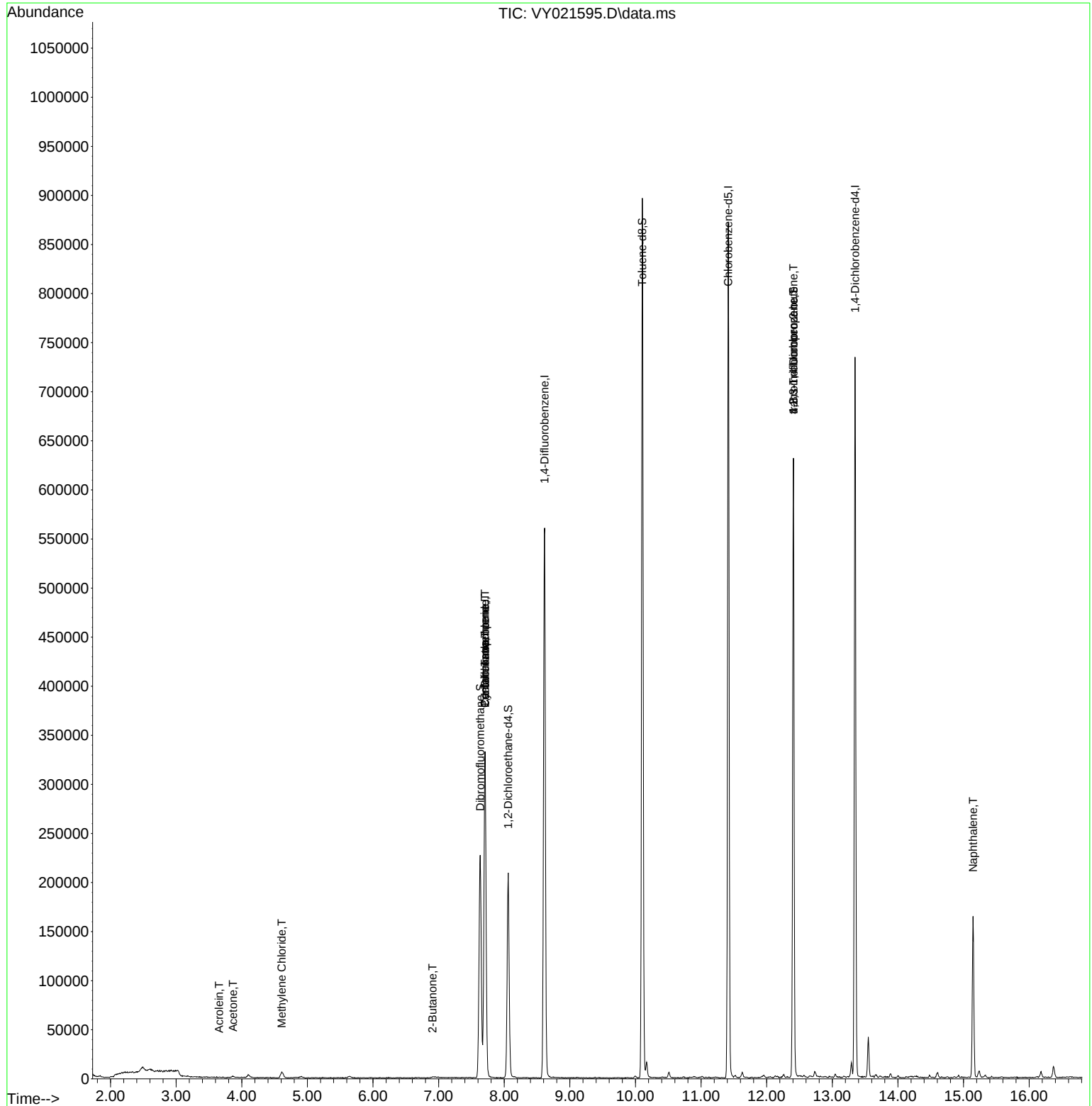
Internal Standards						
1) Pentafluorobenzene	7.707	168	247136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	460663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	424771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	159409	61.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.060%	
35) Dibromofluoromethane	7.634	113	157007	51.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.700%	
50) Toluene-d8	10.103	98	563846	49.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.408	95	184403	47.284	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	168	Below Cal	#	56
13) Acrolein	3.653	56	172	1.295	ug/l #	59
16) Acetone	3.866	43	2073	3.639	ug/l #	84
20) Methylene Chloride	4.610	84	4078	1.364	ug/l	95
25) 2-Butanone	6.908	43	998	1.266	ug/l #	90
31) Cyclohexane	7.707	56	5608	1.146	ug/l #	31
36) 1,1-Dichloropropene	7.707	75	21027	4.436	ug/l #	50
38) Carbon Tetrachloride	7.707	117	24714	4.534	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	97717	53.766	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	97717	122.228	ug/l #	9
95) Naphthalene	15.145	128	126693	26.100	ug/l	99

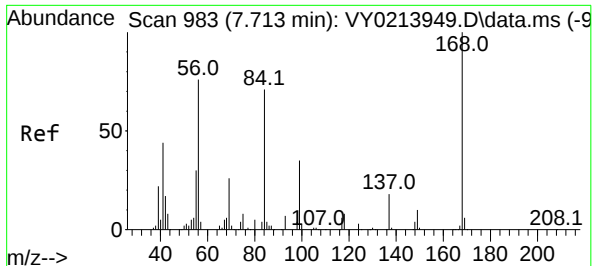
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
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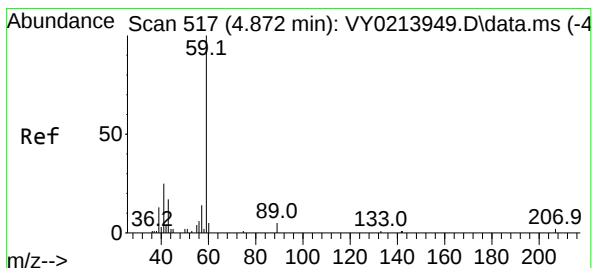
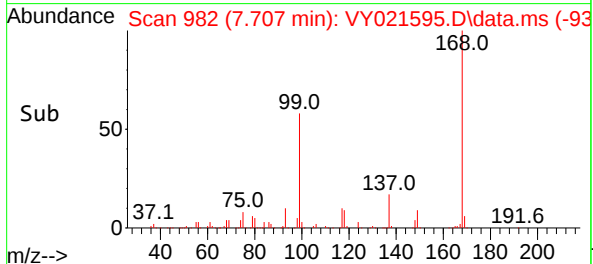
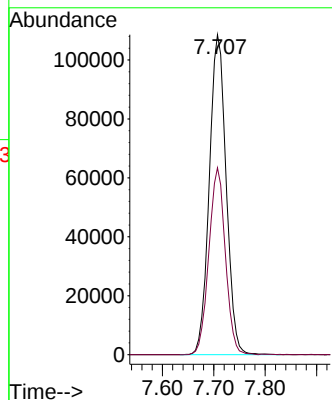
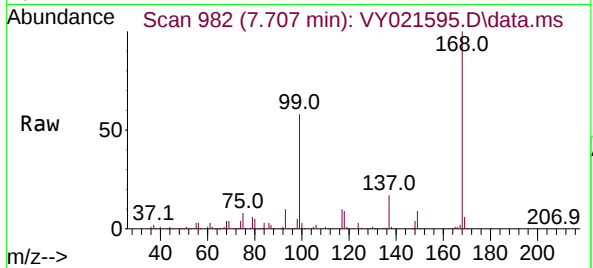




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

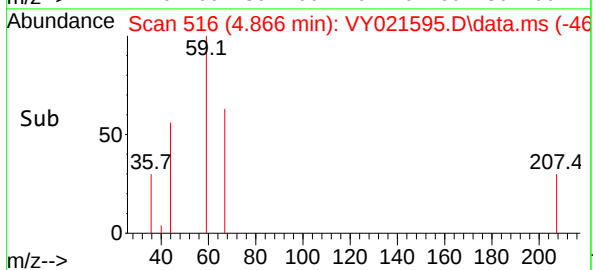
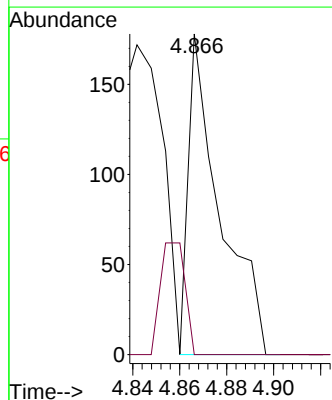
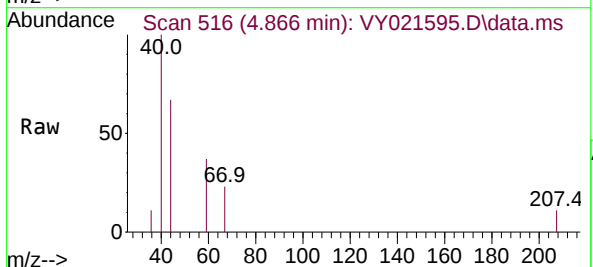
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

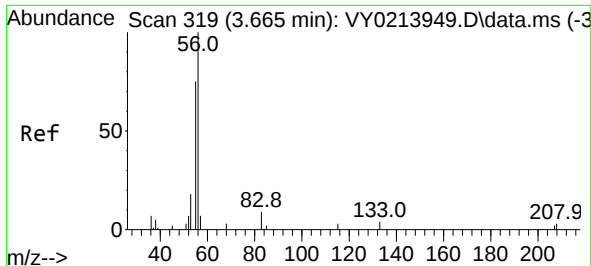
Tgt Ion:168 Resp: 247136
Ion Ratio Lower Upper
168 100
99 58.4 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 26.8 8.2 12.4#

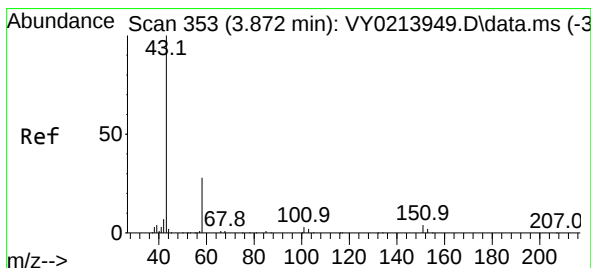
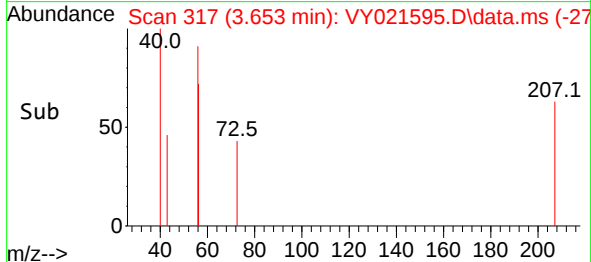
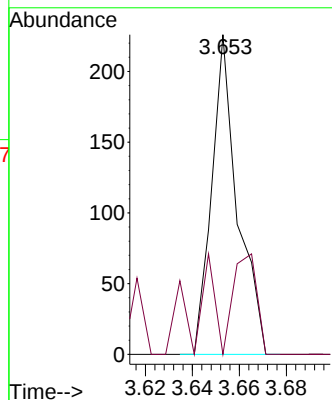
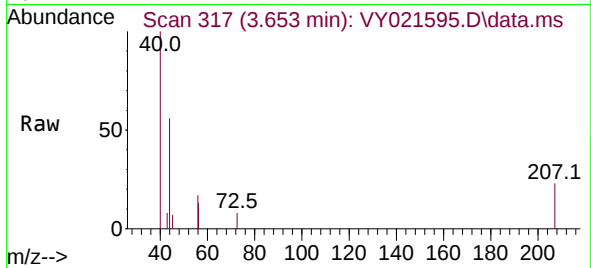




#13
Acrolein
Concen: 1.295 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

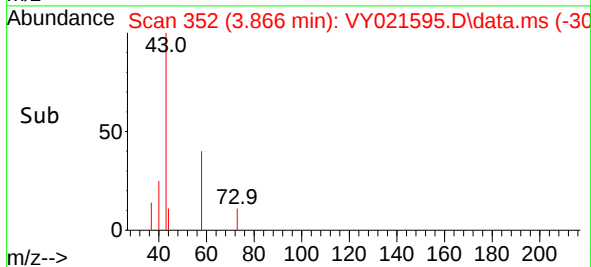
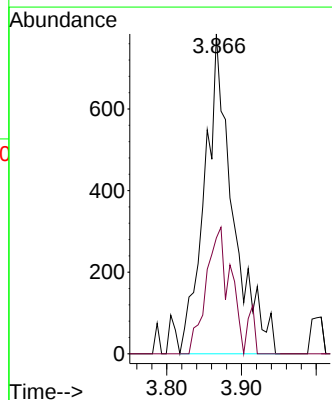
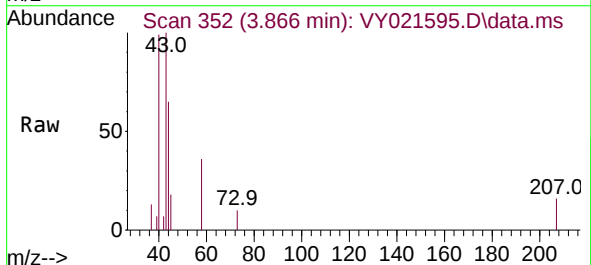
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

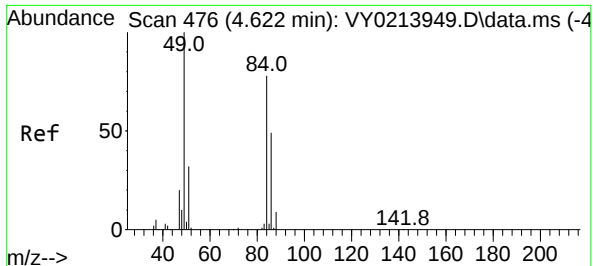
Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 43.6 63.4 95.2#



#16
Acetone
Concen: 3.639 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

Tgt Ion: 43 Resp: 2073
Ion Ratio Lower Upper
43 100
58 36.2 22.1 33.1#

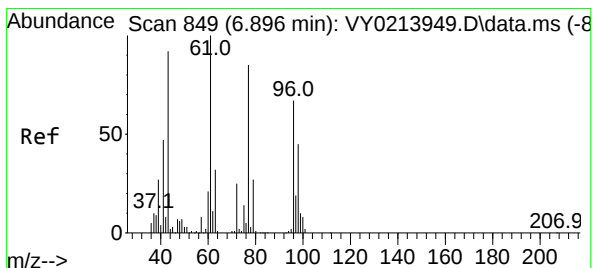
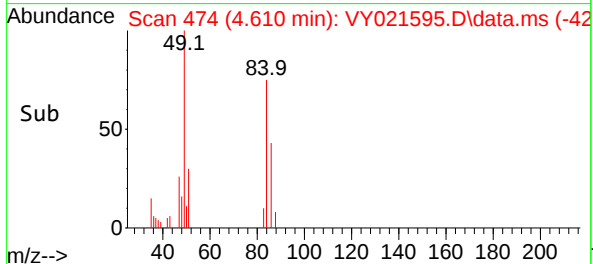
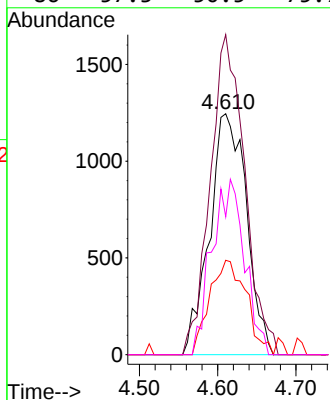
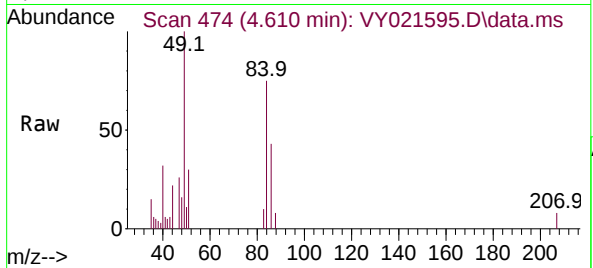




#20
Methylene Chloride
Concen: 1.364 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

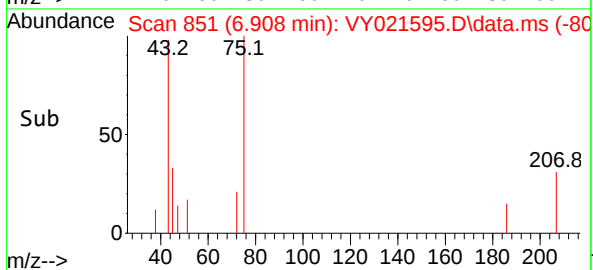
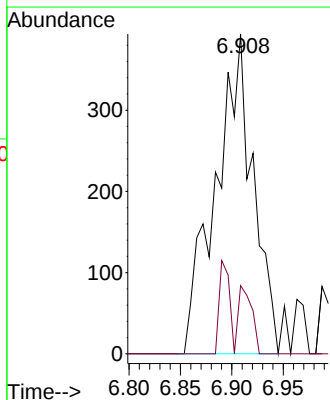
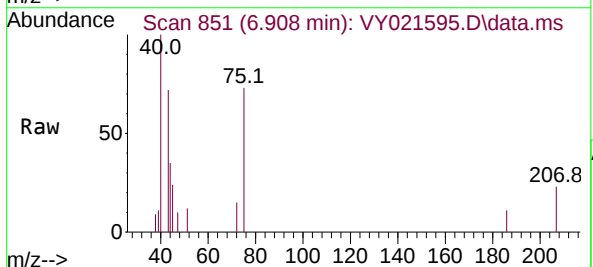
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

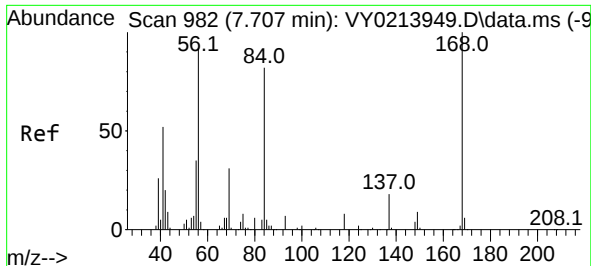
Tgt Ion:	84	Resp:	4078
Ion	Ratio	Lower	Upper
84	100		
49	132.9	102.0	153.0
51	39.2	33.0	49.6
86	57.3	50.5	75.7



#25
2-Butanone
Concen: 1.266 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

Tgt Ion:	43	Resp:	998
Ion	Ratio	Lower	Upper
43	100		
72	21.3	21.4	32.0#

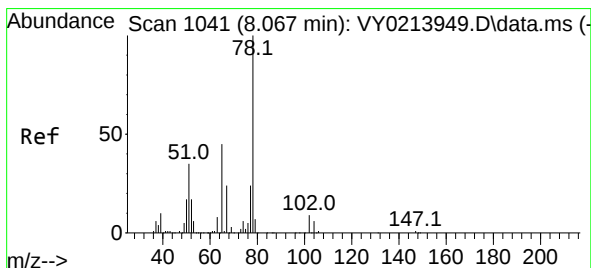
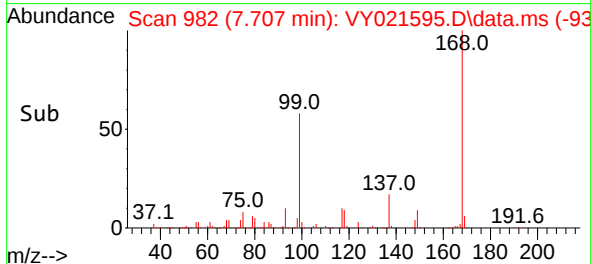
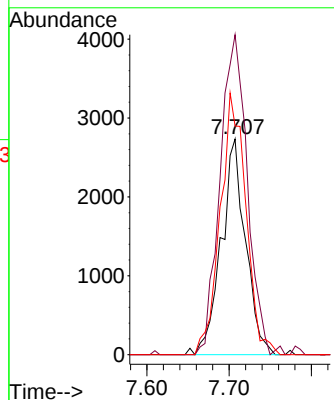
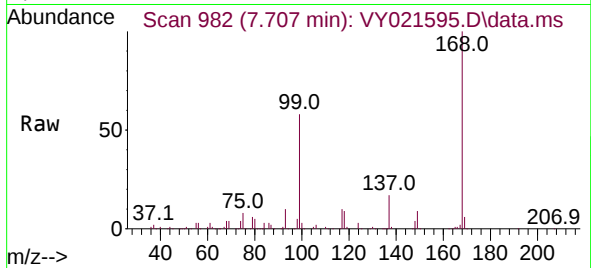




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

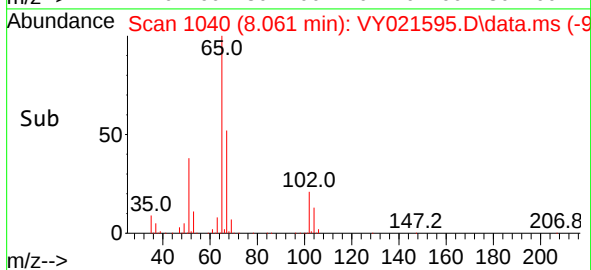
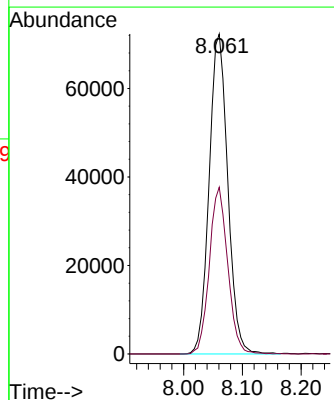
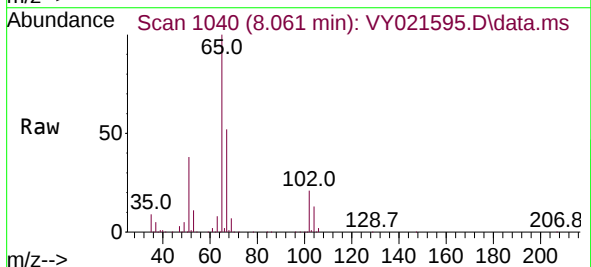
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

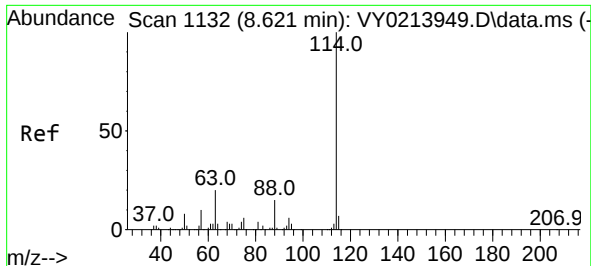
Tgt Ion: 56 Resp: 5608
Ion Ratio Lower Upper
56 100
69 148.4 27.0 40.4#
84 106.0 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 61.028 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

Tgt Ion: 65 Resp: 159409
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.8

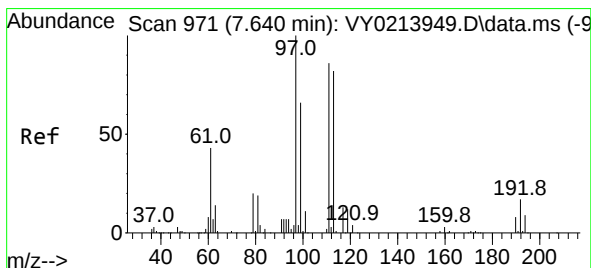
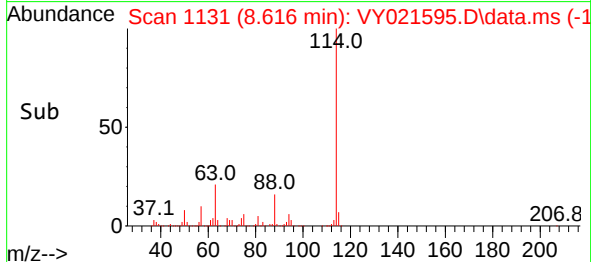
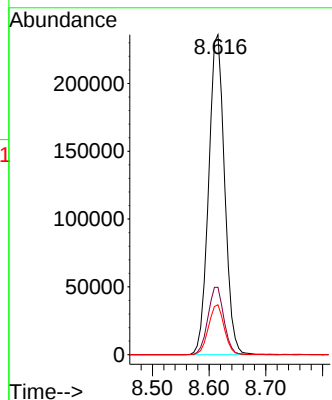
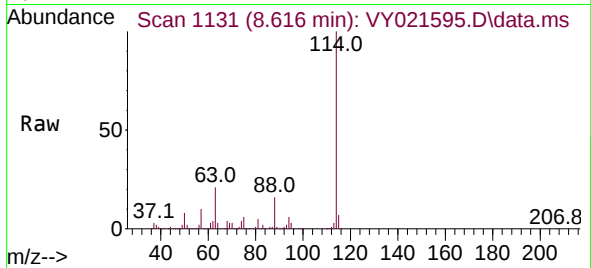




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

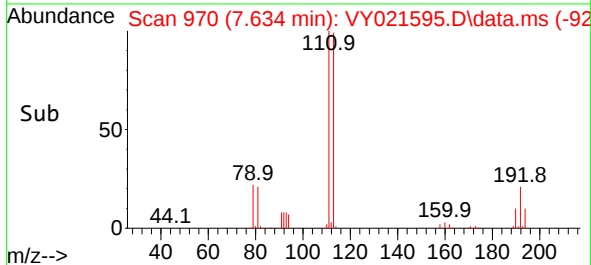
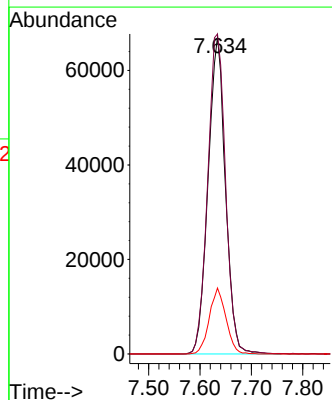
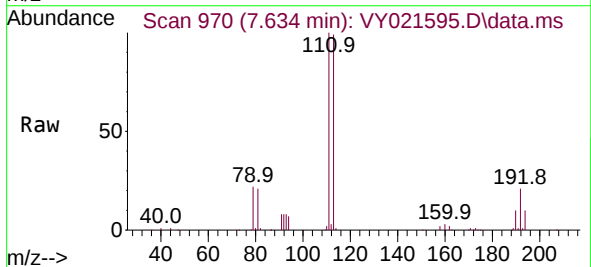
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

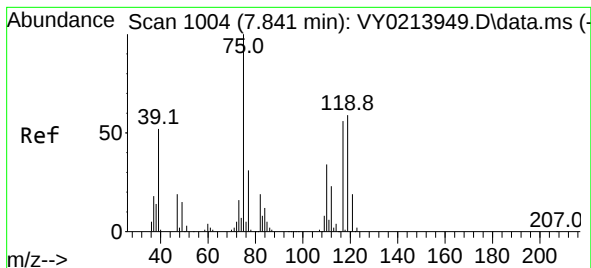
Tgt Ion:114 Resp: 460663
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.852 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

Tgt Ion:113 Resp: 157007
Ion Ratio Lower Upper
113 100
111 104.3 82.0 123.0
192 20.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.436 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021595.D

Acq: 21 Mar 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

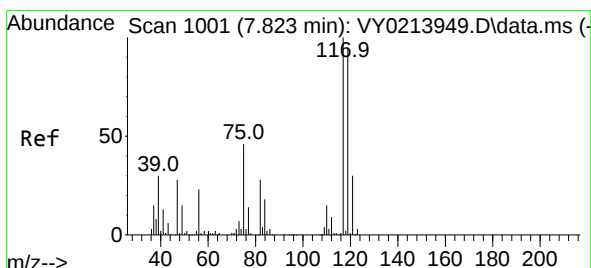
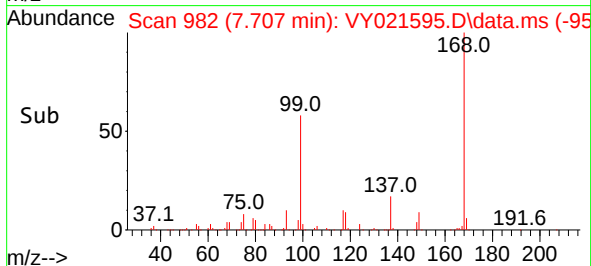
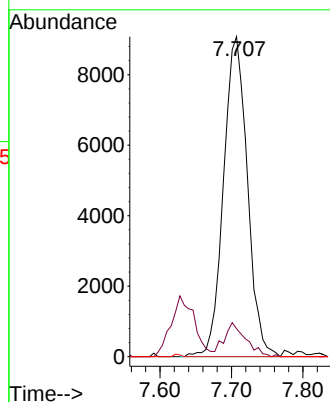
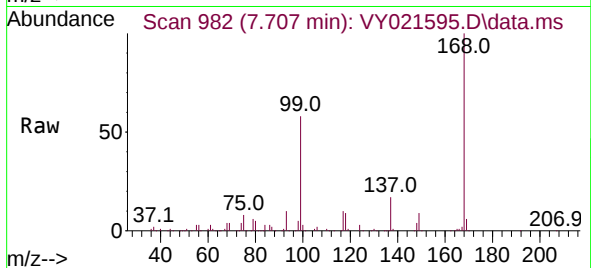
Tgt Ion: 75 Resp: 21027

Ion Ratio Lower Upper

75 100

110 9.6 17.3 51.7#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.534 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021595.D

Acq: 21 Mar 2025 13:28

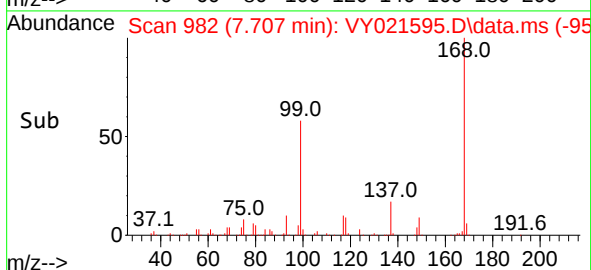
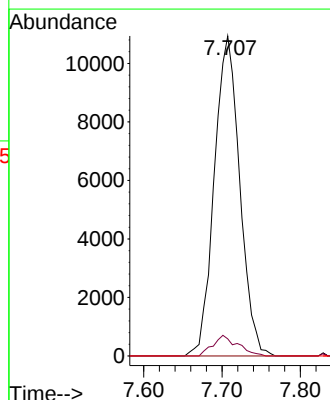
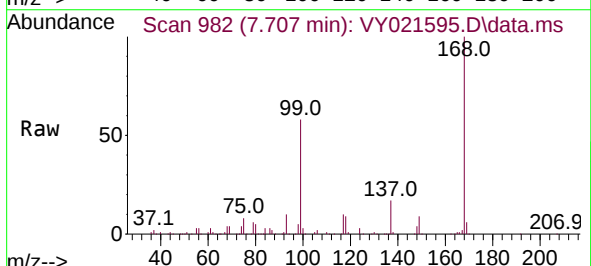
Tgt Ion: 117 Resp: 24714

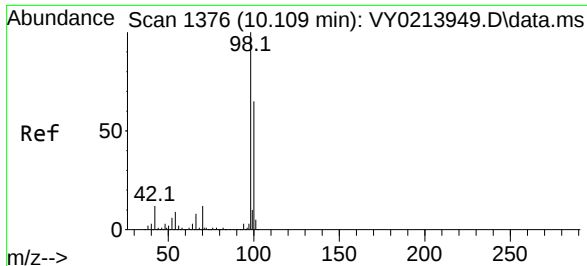
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

121 0.0 23.9 35.9#

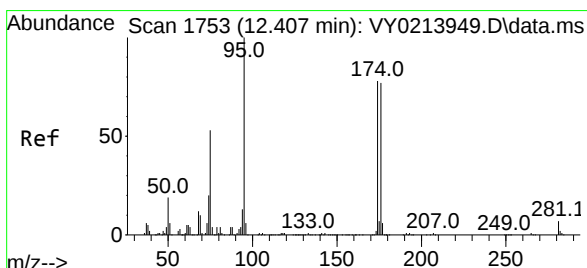
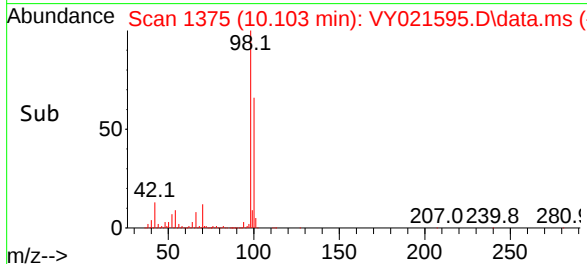
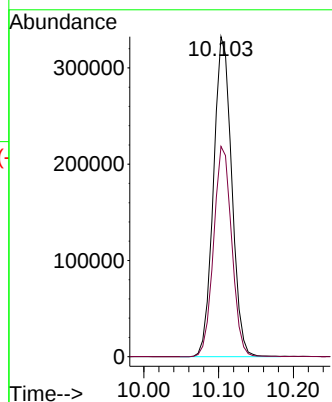
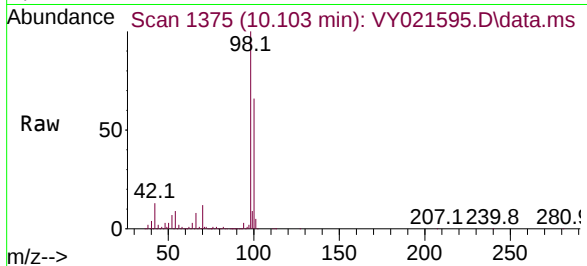




#50
Toluene-d8
Concen: 49.180 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

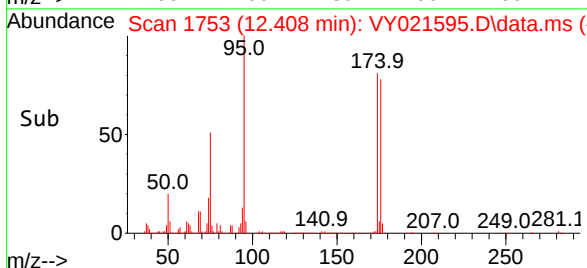
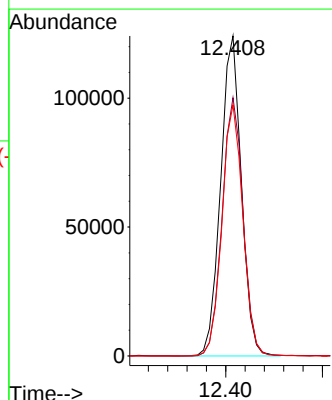
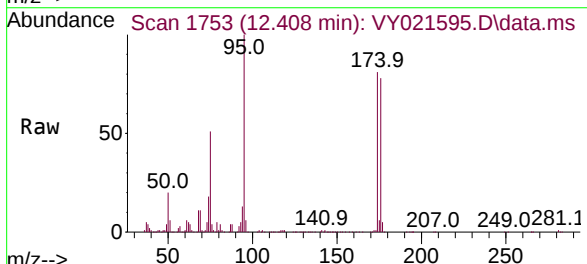
Instrument :
MSVOA_Y
ClientSampleId :
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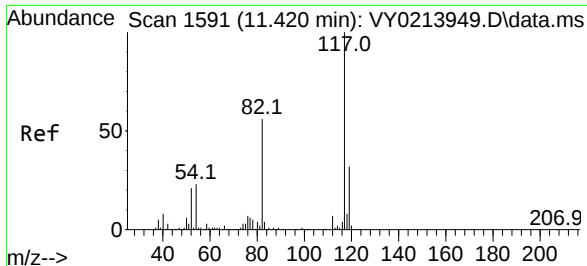
Tgt Ion: 98 Resp: 563846
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.284 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

Tgt Ion: 95 Resp: 184403
Ion Ratio Lower Upper
95 100
174 81.7 0.0 165.0
176 79.0 0.0 160.0

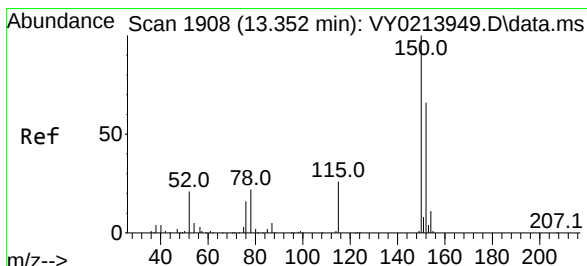
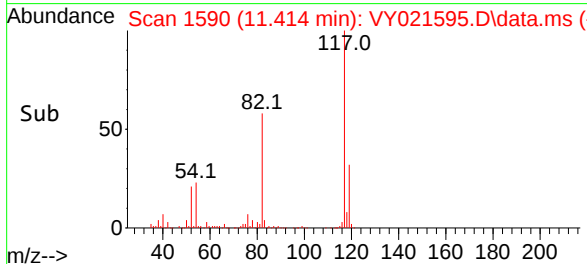
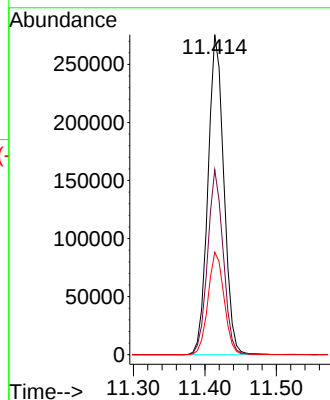
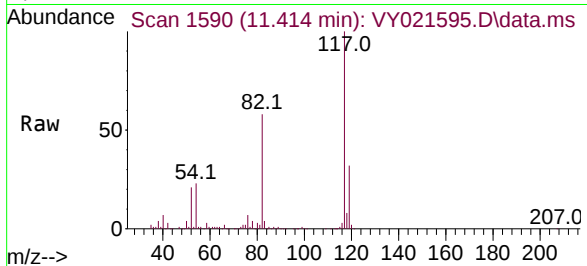




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

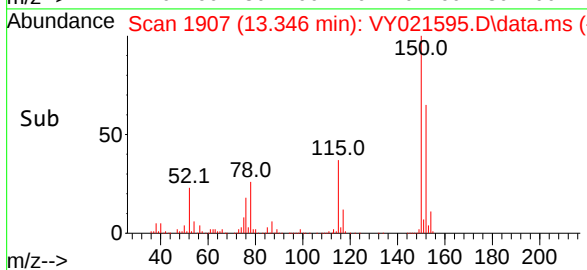
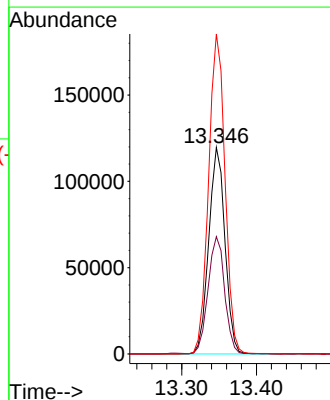
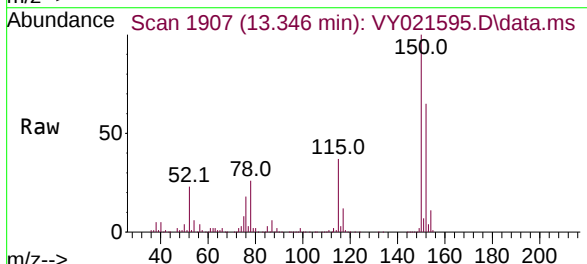
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

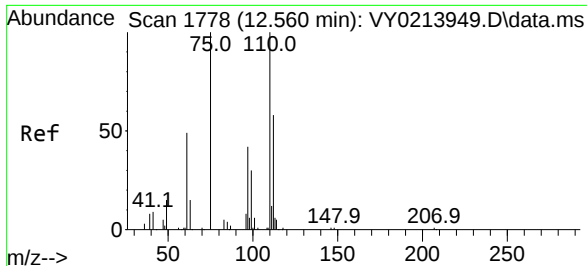
Tgt Ion:117 Resp: 424771
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

Tgt Ion:152 Resp: 180358
Ion Ratio Lower Upper
152 100
115 58.1 29.0 87.0
150 156.6 0.0 347.2

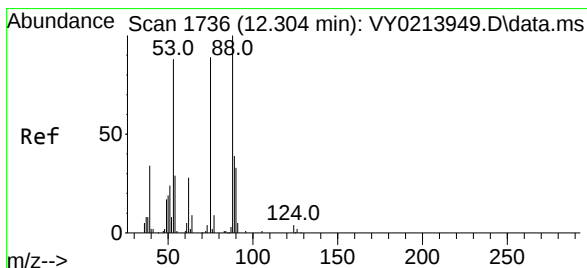
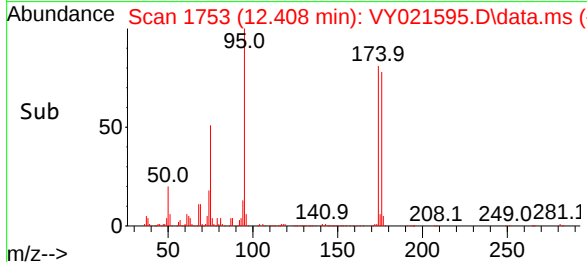
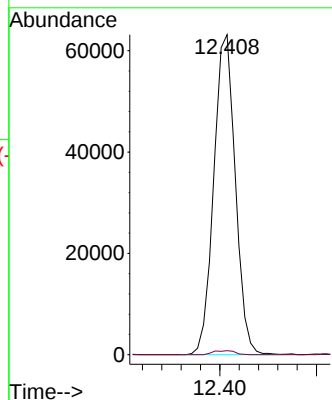
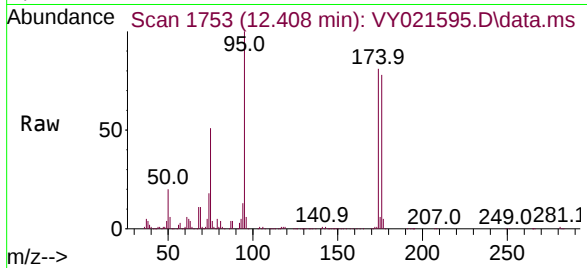




#76
1,2,3-Trichloropropane
Concen: 53.766 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

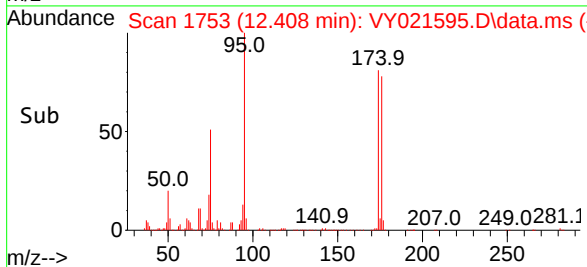
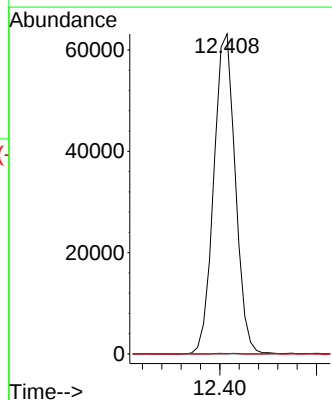
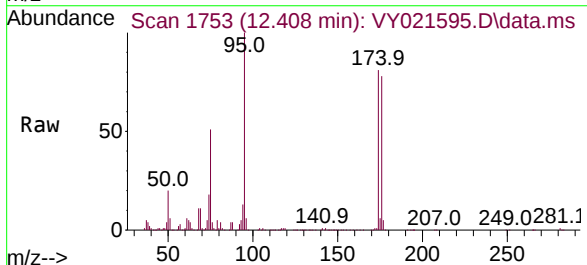
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

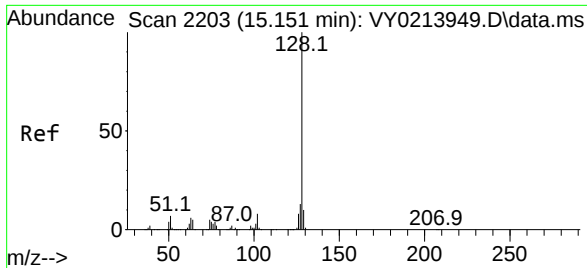
Tgt Ion: 75 Resp: 97717
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.228 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

Tgt Ion: 75 Resp: 97717
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 26.100 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021595.D
Acq: 21 Mar 2025 13:28

Instrument :
MSVOA_Y
ClientSampleId :
TP-5

Tgt Ion:	128	Resp:	126693
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.9	8.6	13.0

