

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021407.D
 Acq On : 05 Mar 2025 12:02
 Operator : SY/MD
 Sample : VY0305SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0305SBL01

Quant Time: Mar 06 02:54:24 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)

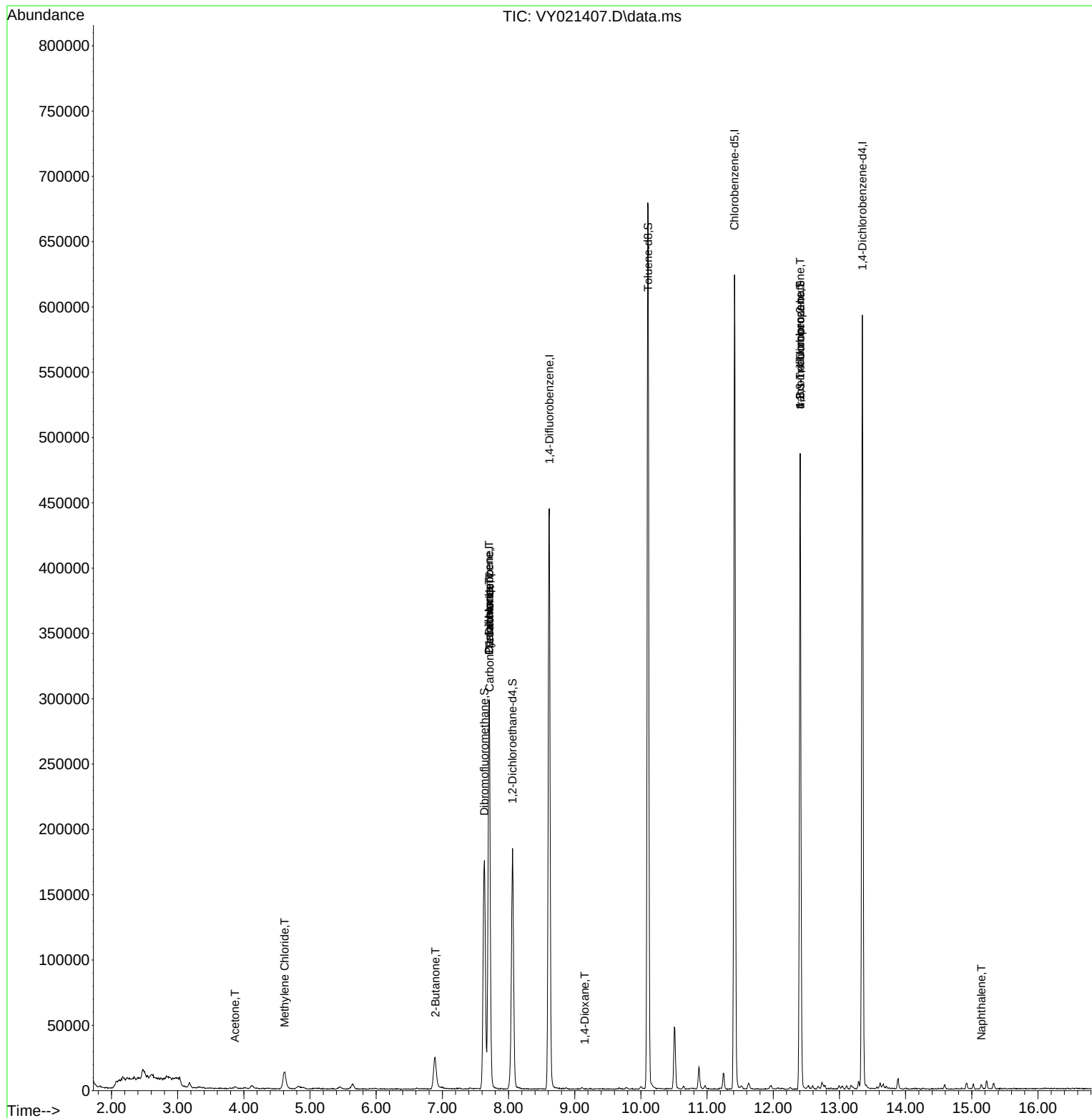
Internal Standards						
1) Pentafluorobenzene	7.707	168	222723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	373589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	318454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	140807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135276	57.465	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.940%			
35) Dibromofluoromethane	7.634	113	123966	50.482	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.960%			
50) Toluene-d8	10.109	98	448479	48.234	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.460%			
62) 4-Bromofluorobenzene	12.408	95	138502	43.792	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.580%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.824	59	2584	Below Cal	#	72
16) Acetone	3.866	43	2208	4.300	ug/l #	88
20) Methylene Chloride	4.616	84	9612	3.566	ug/l #	85
25) 2-Butanone	6.896	43	835	1.176	ug/l #	77
31) Cyclohexane	7.707	56	5198	1.179	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	18313	4.764	ug/l #	50
38) Carbon Tetrachloride	7.713	117	23031	5.210	ug/l #	16
49) 1,4-Dioxane	9.152	88	23	1.563	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	75063	52.903	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	75063	120.264	ug/l #	9
95) Naphthalene	15.145	128	2675	2.150	ug/l #	96

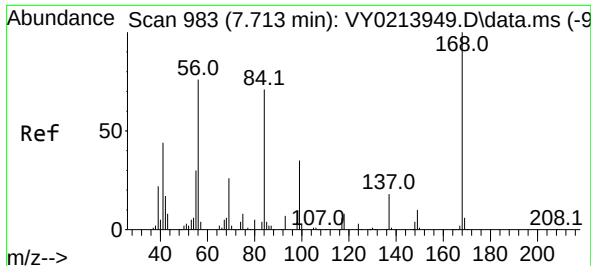
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
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QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

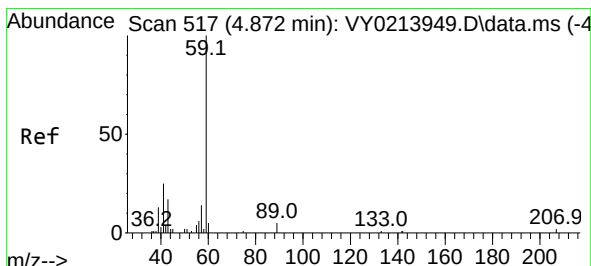
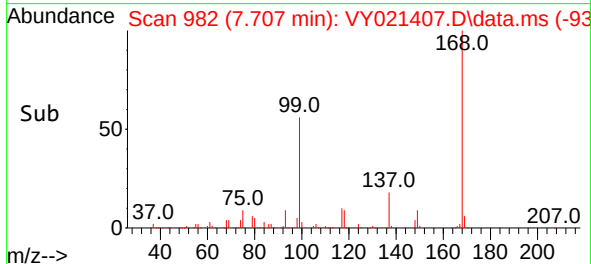
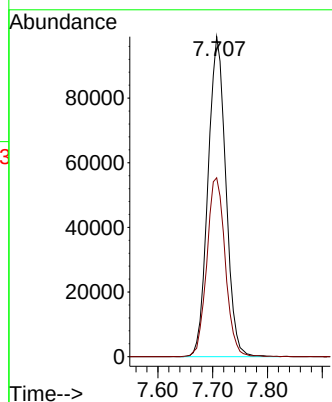
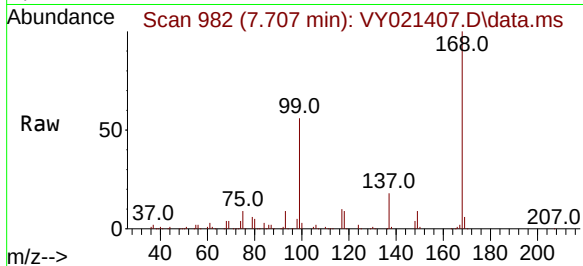




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

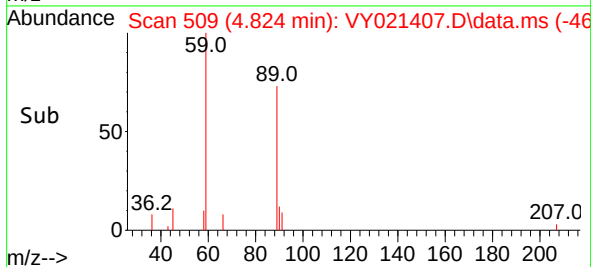
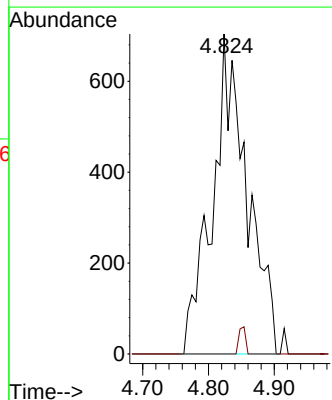
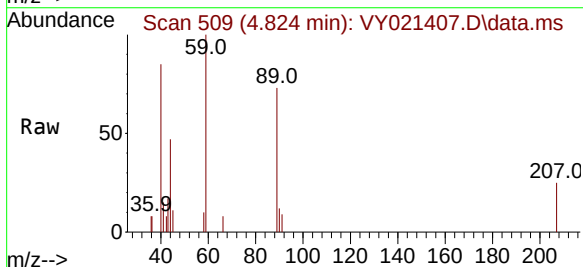
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

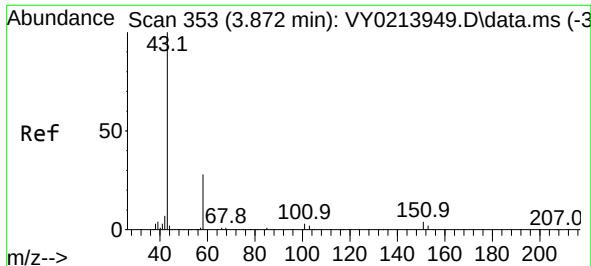
Tgt Ion:168 Resp: 222723
Ion Ratio Lower Upper
168 100
99 55.9 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.824 min Scan# 509
Delta R.T. -0.048 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

Tgt Ion: 59 Resp: 2584
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

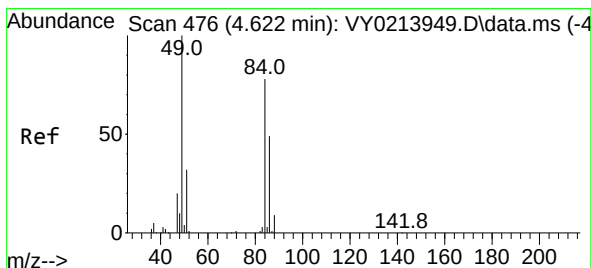
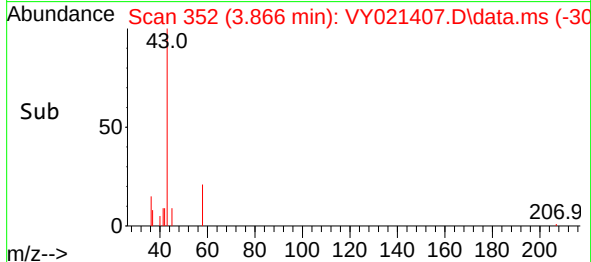
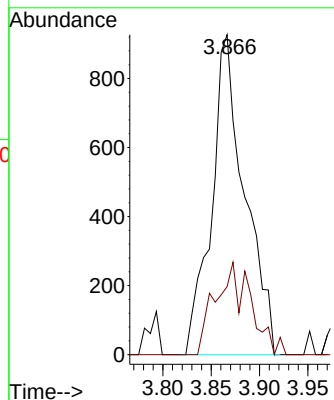
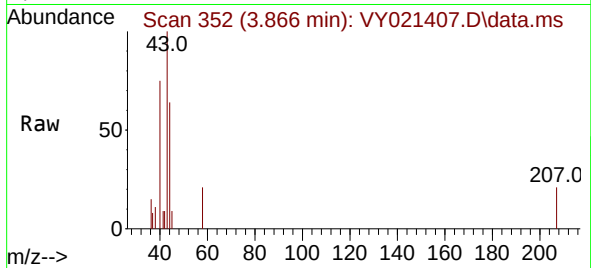




#16
Acetone
Concen: 4.300 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

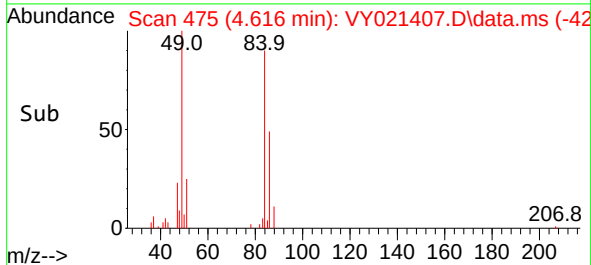
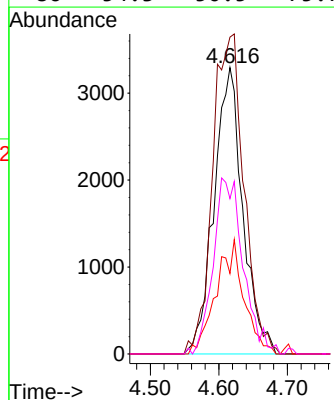
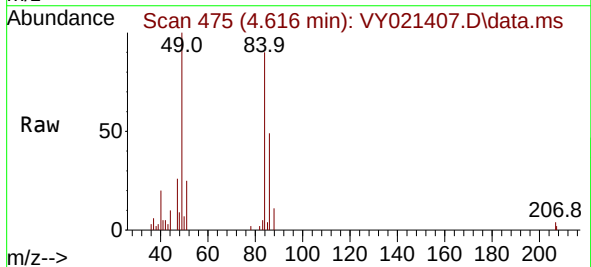
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

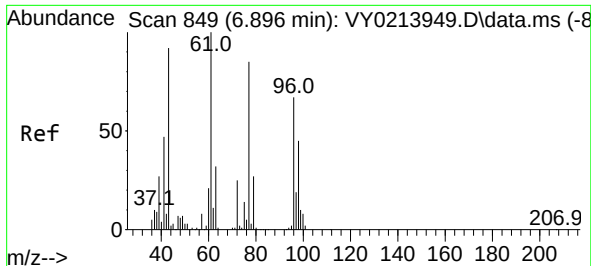
Tgt Ion: 43 Resp: 2208
Ion Ratio Lower Upper
43 100
58 21.3 22.1 33.1#



#20
Methylene Chloride
Concen: 3.566 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

Tgt Ion: 84 Resp: 9612
Ion Ratio Lower Upper
84 100
49 110.6 102.0 153.0
51 28.1 33.0 49.6#
86 54.3 50.5 75.7

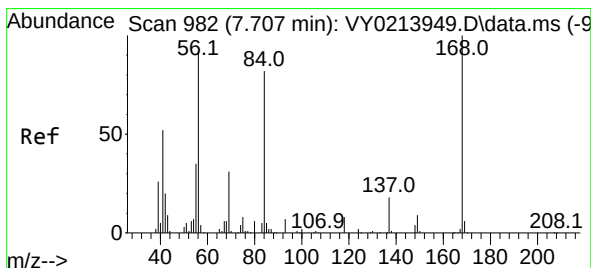
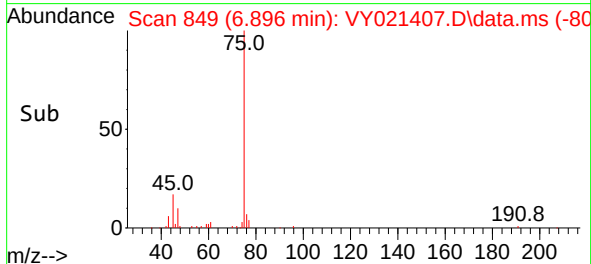
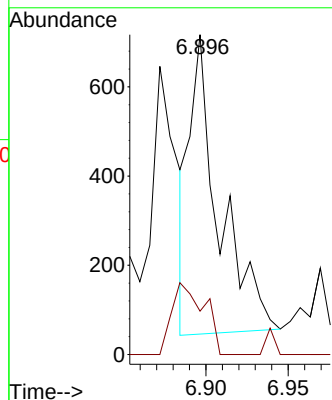
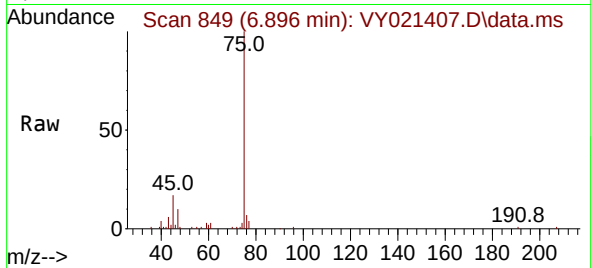




#25
2-Butanone
Concen: 1.176 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

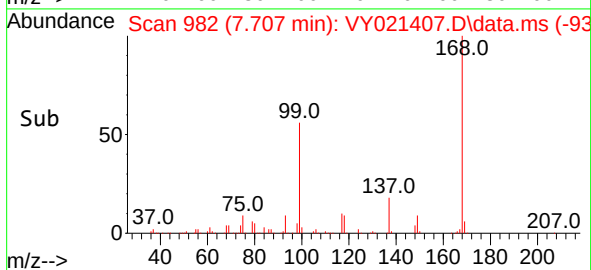
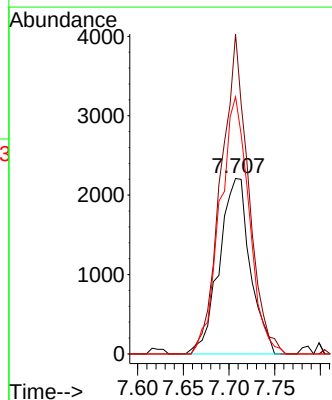
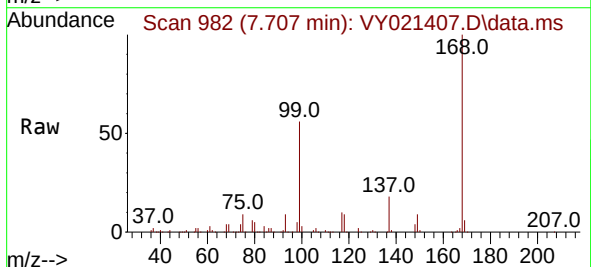
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

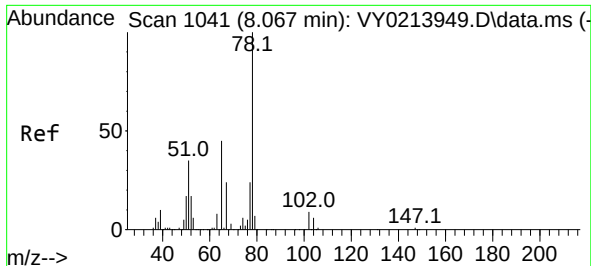
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
72 14.7 21.4 32.0#



#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

Tgt Ion: 56 Resp: 5198
Ion Ratio Lower Upper
56 100
69 182.3 27.0 40.4#
84 146.5 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 57.465 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021407.D

Acq: 05 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

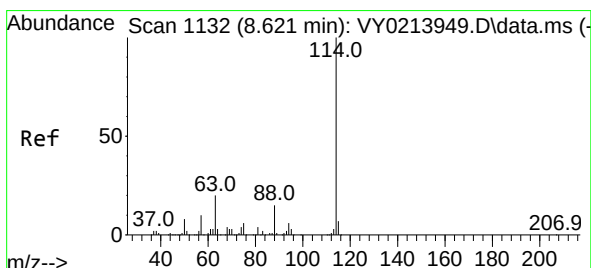
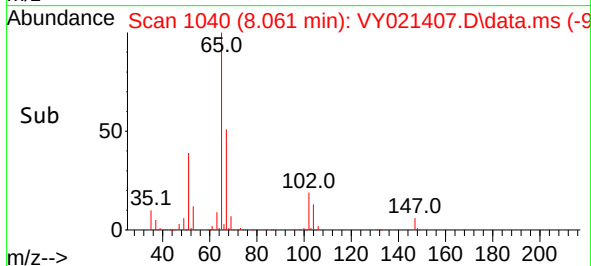
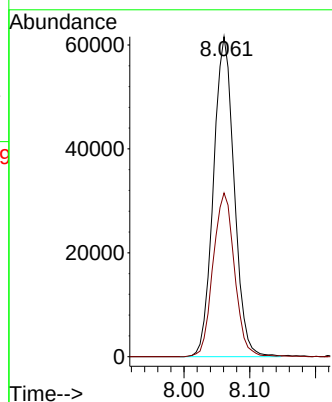
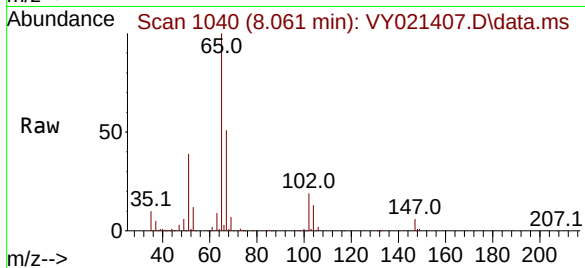
VY0305SBL01

Tgt Ion: 65 Resp: 135276

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021407.D

Acq: 05 Mar 2025 12:02

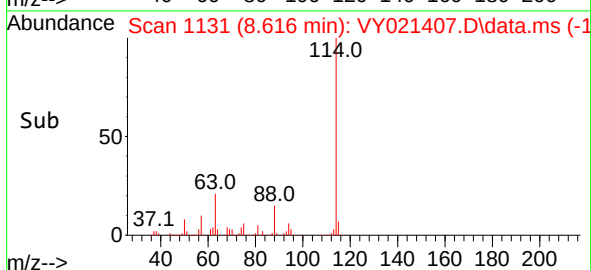
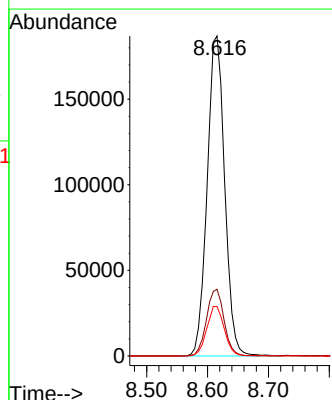
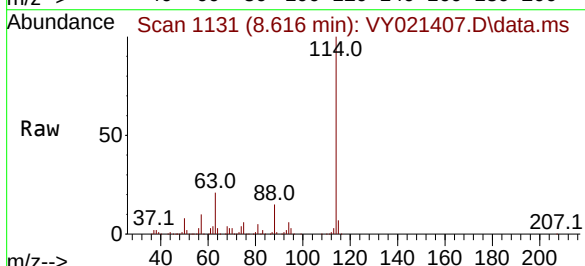
Tgt Ion: 114 Resp: 373589

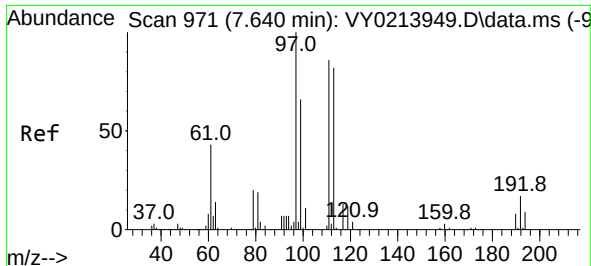
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.5 0.0 30.8

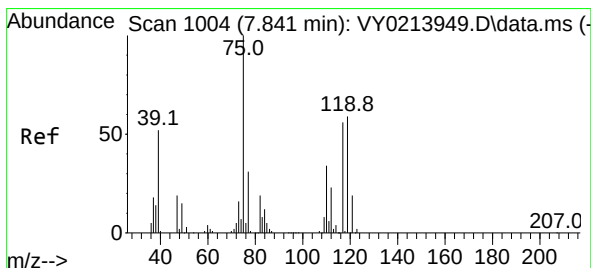
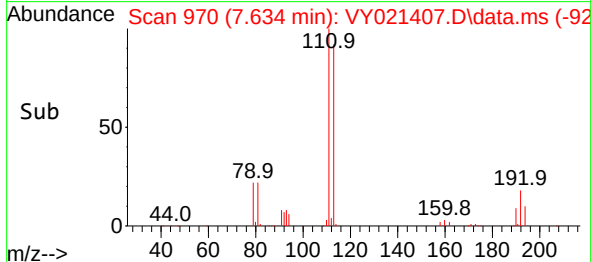
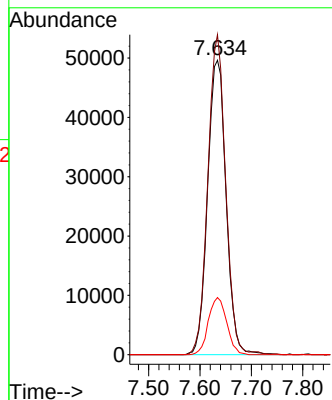
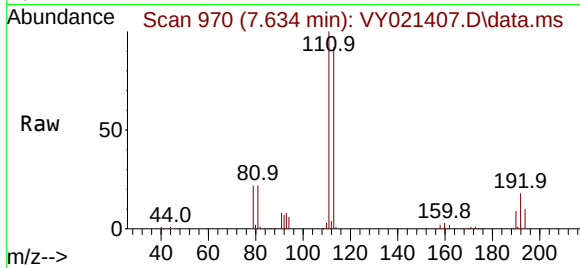




#35
Dibromofluoromethane
Concen: 50.482 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

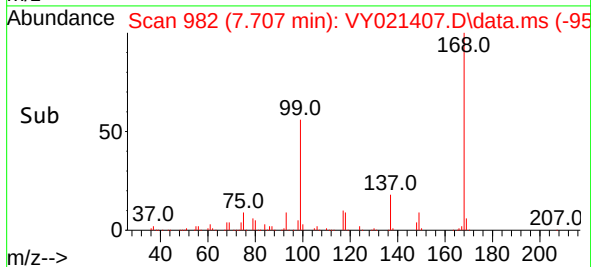
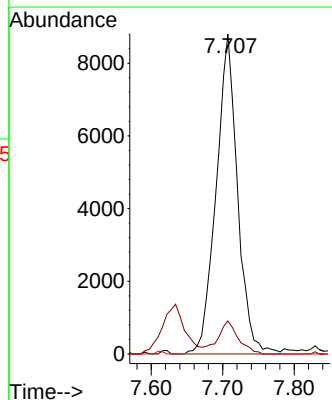
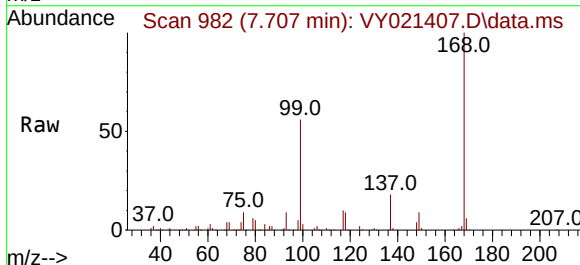
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

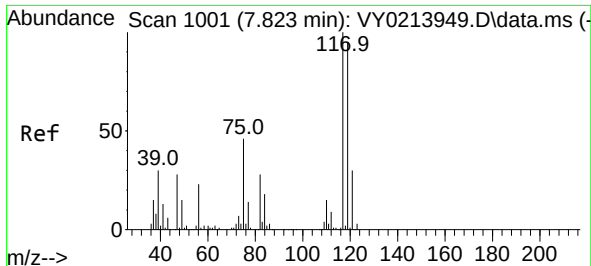
Tgt Ion:113 Resp: 123966
Ion Ratio Lower Upper
113 100
111 104.7 82.0 123.0
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.764 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

Tgt Ion: 75 Resp: 18313
Ion Ratio Lower Upper
75 100
110 9.9 17.3 51.7#
77 0.0 25.4 38.2#

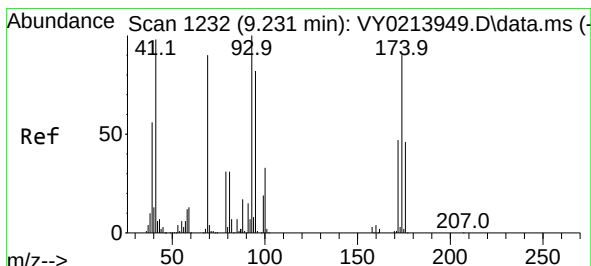
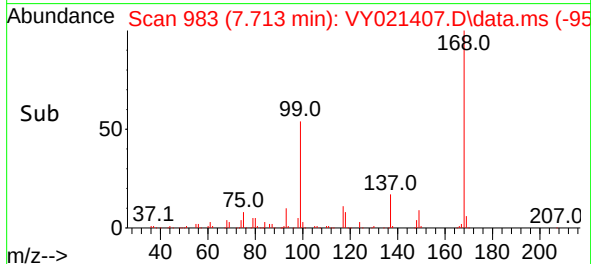
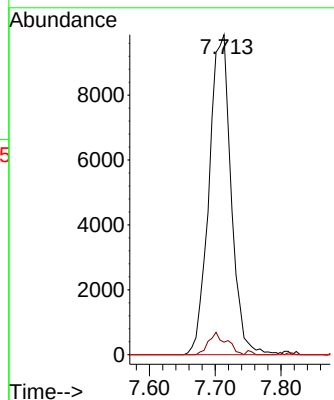
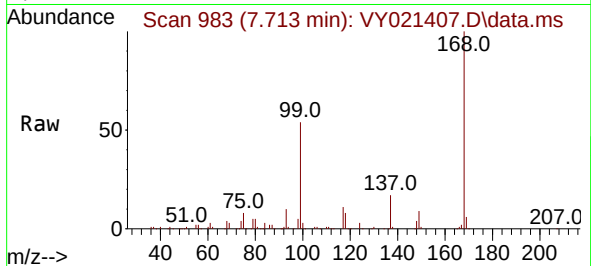




#38
Carbon Tetrachloride
Concen: 5.210 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

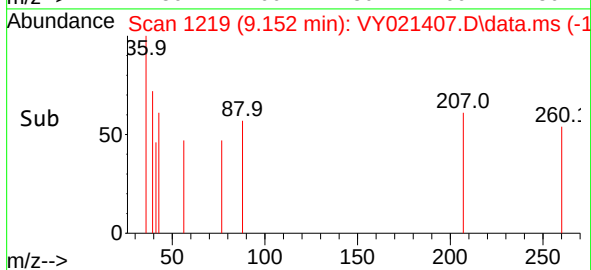
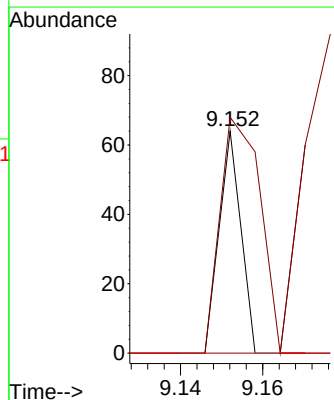
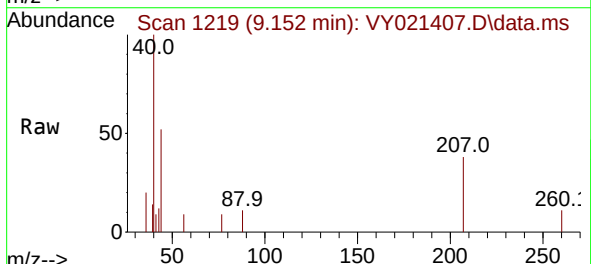
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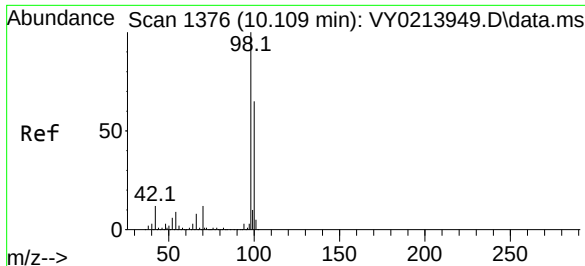
Tgt Ion:117 Resp: 23031
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 23.9 35.9#



#49
1,4-Dioxane
Concen: 1.563 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. -0.079 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 200.0 25.0 37.4#
58 0.0 58.4 87.6#

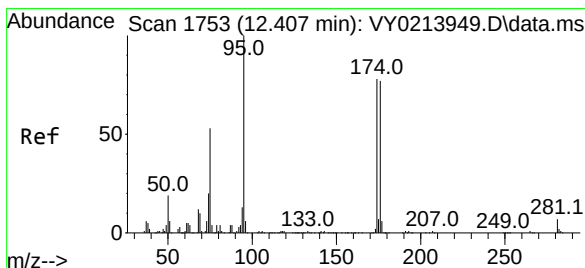
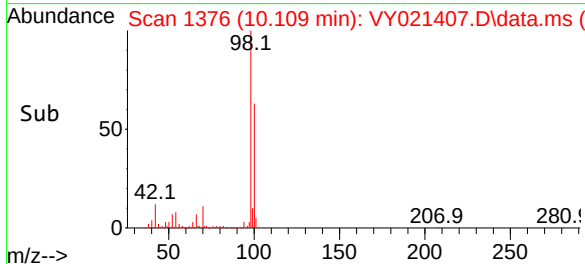
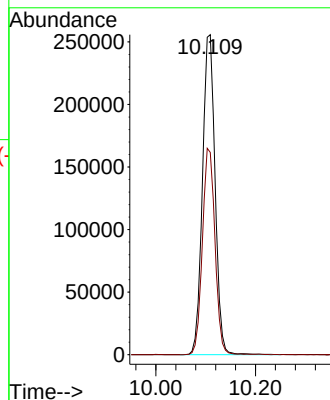
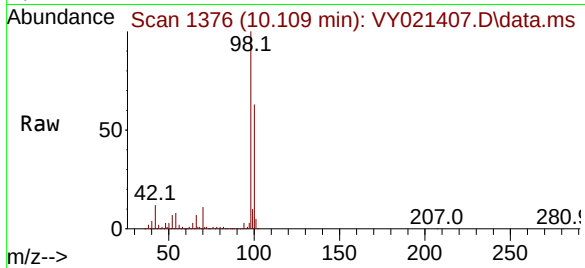




#50
Toluene-d8
Concen: 48.234 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

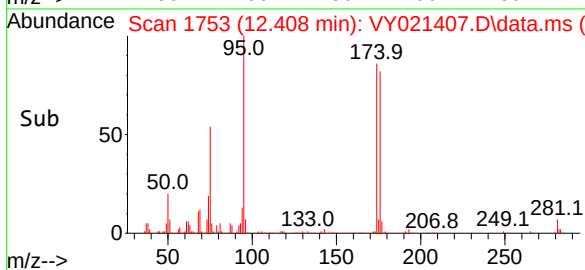
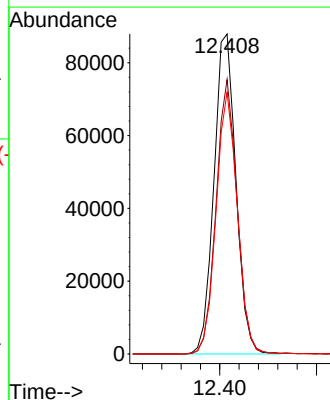
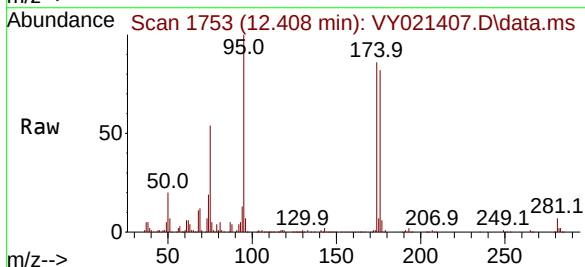
Instrument :
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ClientSampleId :
VY0305SBL01

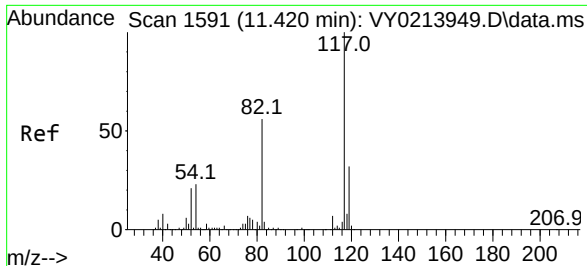
Tgt Ion: 98 Resp: 448479
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.792 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

Tgt Ion: 95 Resp: 138502
Ion Ratio Lower Upper
95 100
174 82.2 0.0 165.0
176 79.2 0.0 160.0

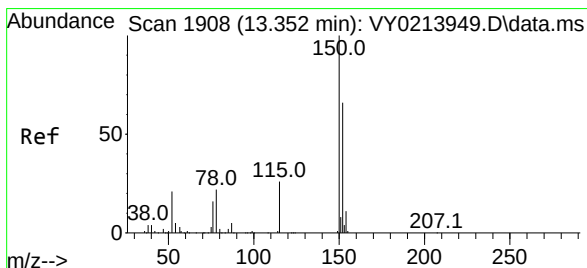
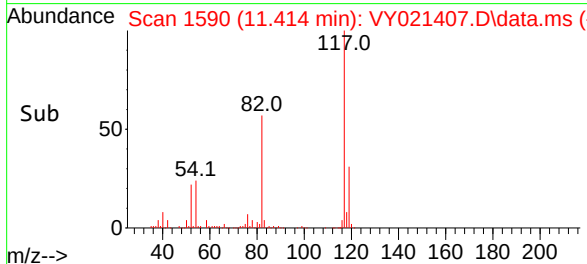
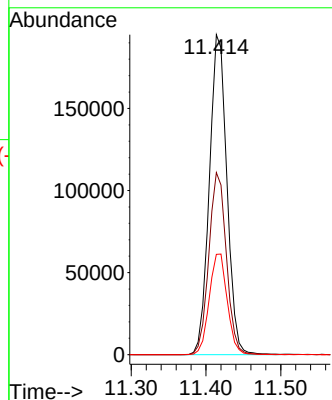
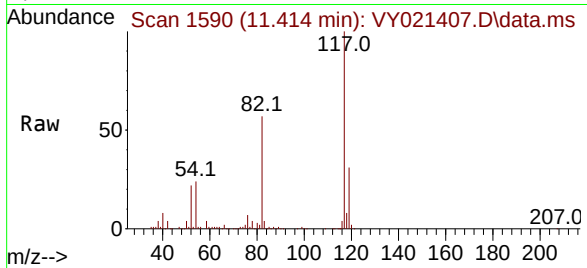




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

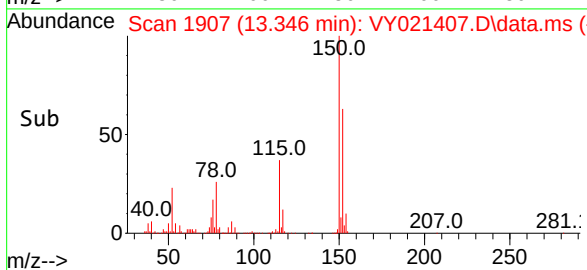
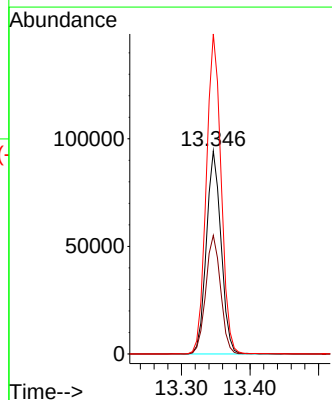
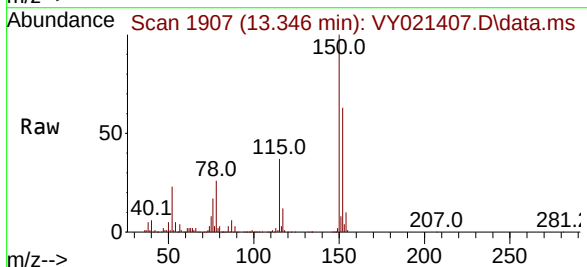
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

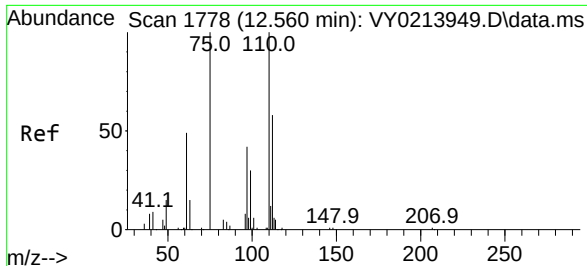
Tgt Ion:117 Resp: 318454
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

Tgt Ion:152 Resp: 140807
Ion Ratio Lower Upper
152 100
115 59.0 29.0 87.0
150 158.7 0.0 347.2

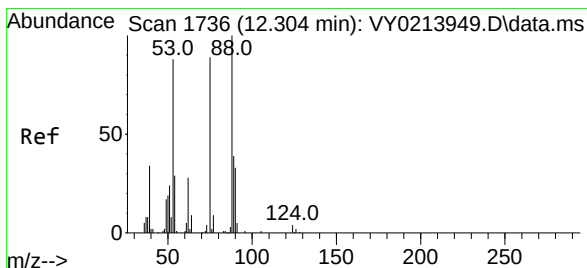
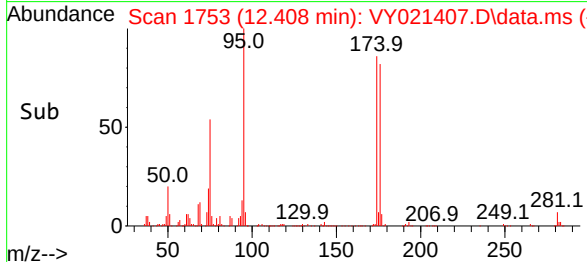
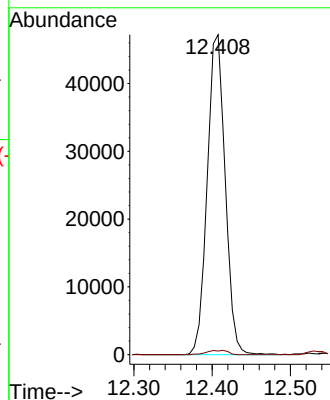
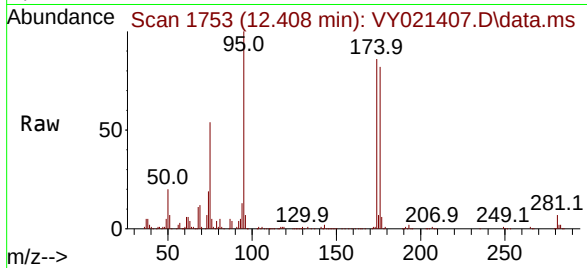




#76
1,2,3-Trichloropropane
Concen: 52.903 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

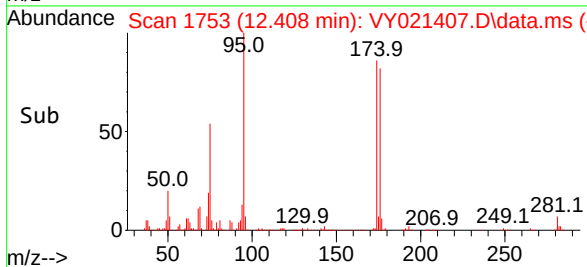
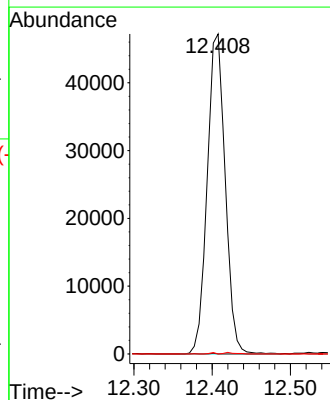
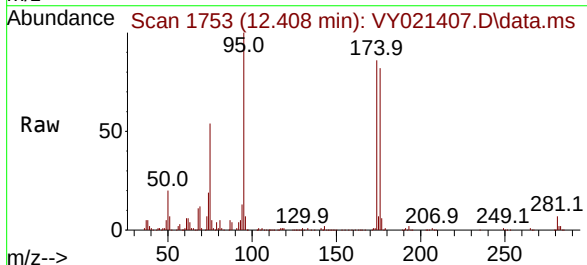
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

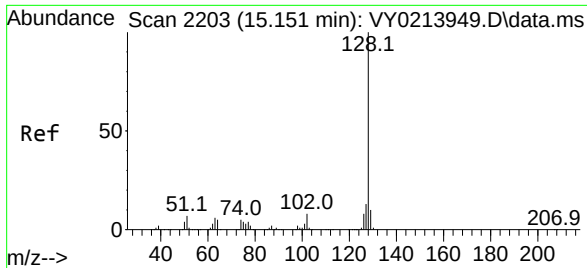
Tgt Ion: 75 Resp: 75063
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.264 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021407.D
Acq: 05 Mar 2025 12:02

Tgt Ion: 75 Resp: 75063
Ion Ratio Lower Upper
75 100
53 0.1 81.0 121.4#
89 0.1 36.9 55.3#





#95

Naphthalene

Concen: 2.150 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021407.D

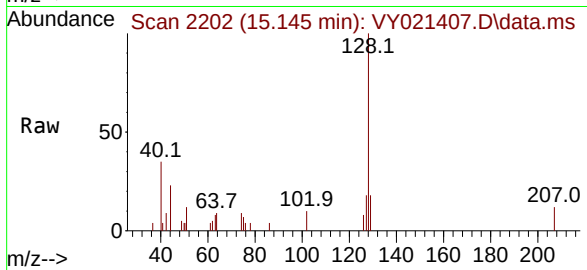
Acq: 05 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0305SBL01



Tgt Ion:128 Resp: 2675

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 13.5 8.6 13.0#

