

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021745.D
 Acq On : 01 Apr 2025 16:38
 Operator : SY/MD
 Sample : Q1692-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-04012025

Quant Time: Apr 02 03:24:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

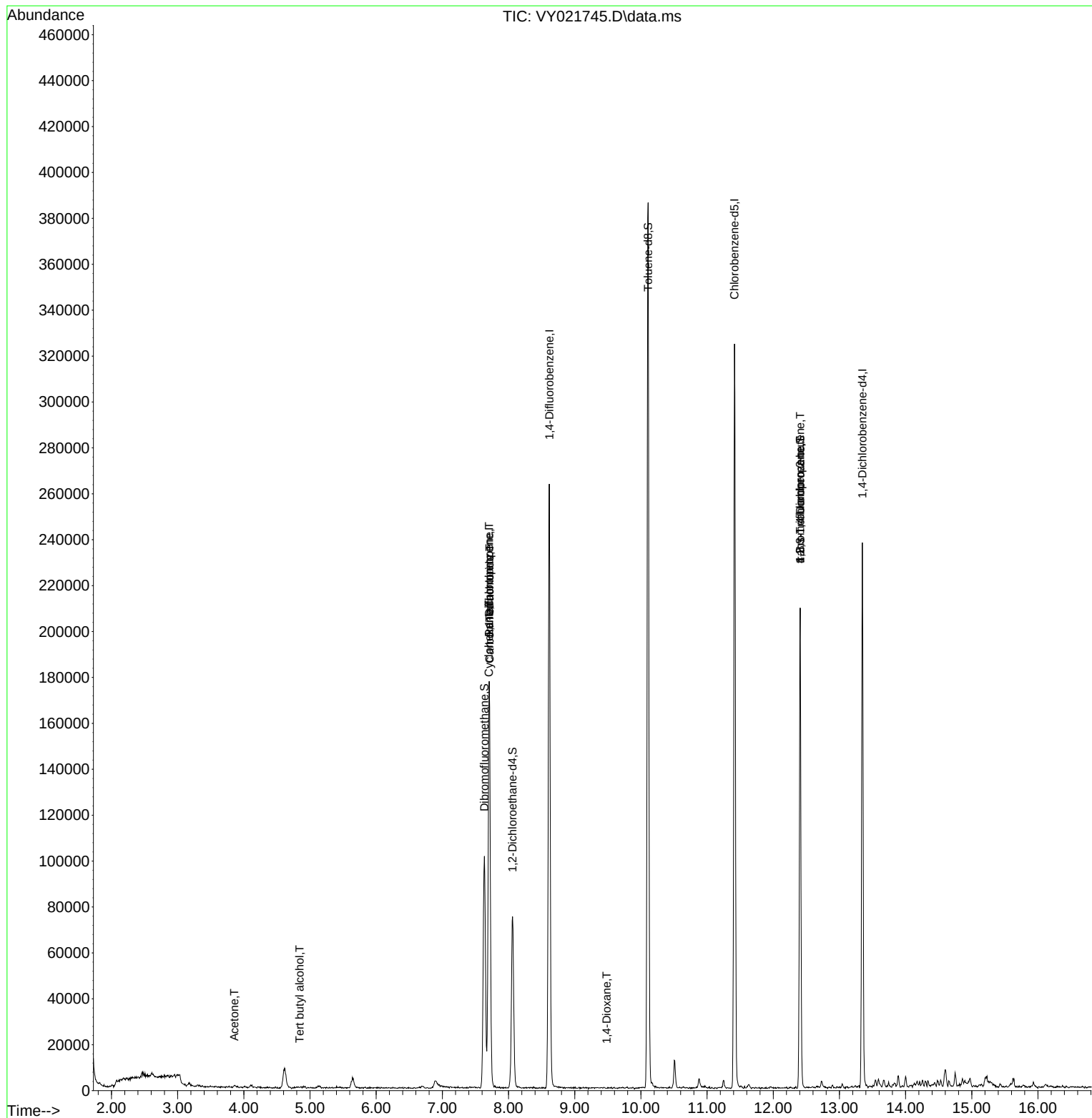
Internal Standards						
1) Pentafluorobenzene	7.707	168	131556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	215527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	171094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	56723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	59104	41.466	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.940%		
35) Dibromofluoromethane	7.634	113	72487	51.847	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.700%		
50) Toluene-d8	10.109	98	252486	47.471	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.940%		
62) 4-Bromofluorobenzene	12.408	95	61851	34.380	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	68.760%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.842	59	338	3.651	ug/l #	70
16) Acetone	3.854	43	1015	3.479	ug/l	99
31) Cyclohexane	7.701	56	3320	1.320	ug/l #	8
36) 1,1-Dichloropropene	7.707	75	10987	5.159	ug/l #	51
38) Carbon Tetrachloride	7.713	117	14617	5.993	ug/l #	15
49) 1,4-Dioxane	9.481	88	20	2.146	ug/l #	21
76) 1,2,3-Trichloropropane	12.408	75	32913	58.536	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	32913	134.877	ug/l #	12

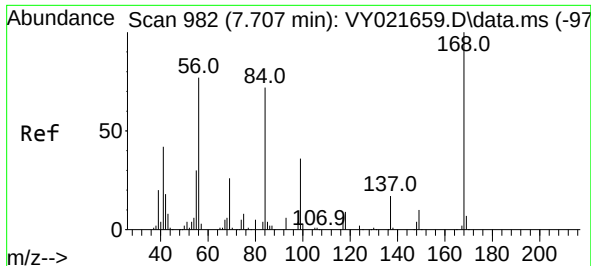
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
Data File : VY021745.D
Acq On : 01 Apr 2025 16:38
Operator : SY/MD
Sample : Q1692-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-04012025

Quant Time: Apr 02 03:24:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

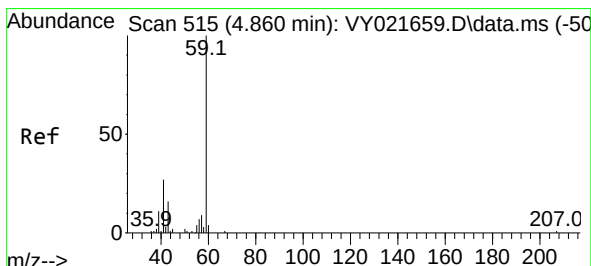
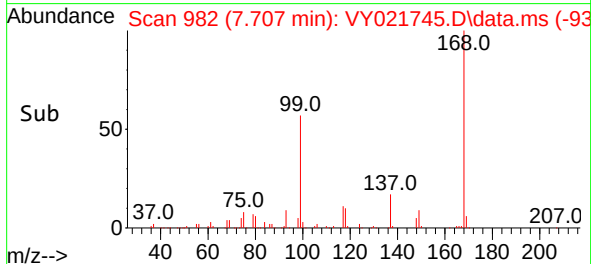
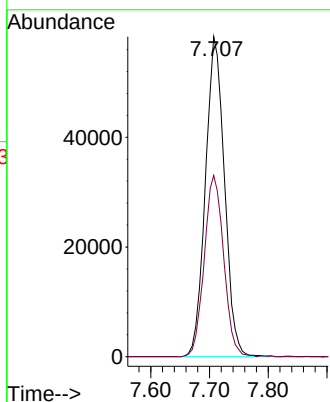
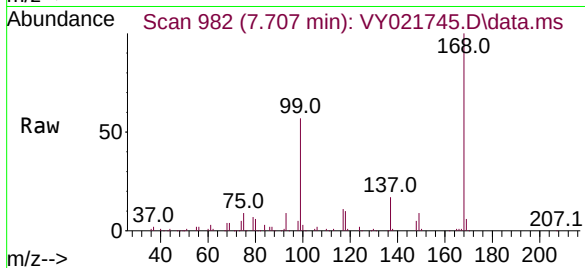




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021745.D
Acq: 01 Apr 2025 16:38

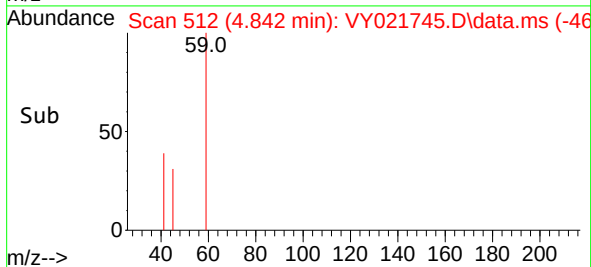
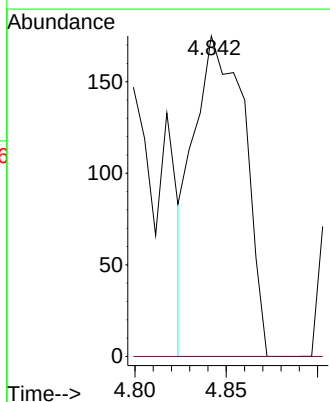
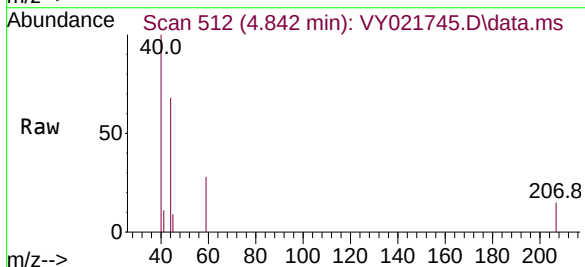
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-04012025

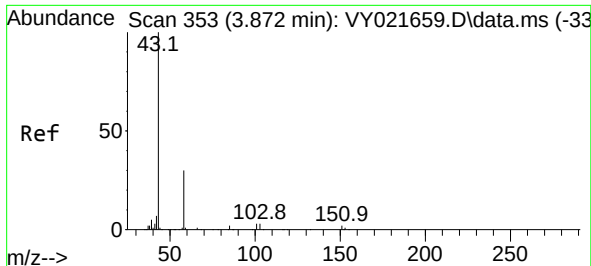
Tgt Ion:168 Resp: 131556
Ion Ratio Lower Upper
168 100
99 56.6 46.7 70.1



#11
Tert butyl alcohol
Concen: 3.651 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY021745.D
Acq: 01 Apr 2025 16:38

Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#





#16

Acetone

Concen: 3.479 ug/l

RT: 3.854 min Scan# 31

Delta R.T. -0.018 min

Lab File: VY021745.D

Acq: 01 Apr 2025 16:38

Instrument :

MSVOA_Y

ClientSampleId :

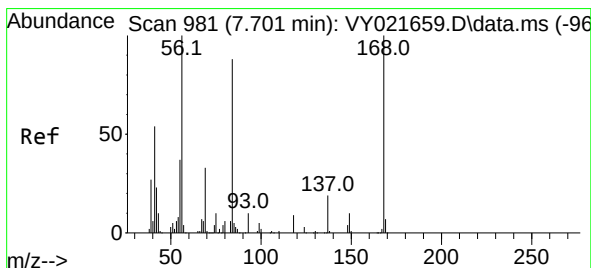
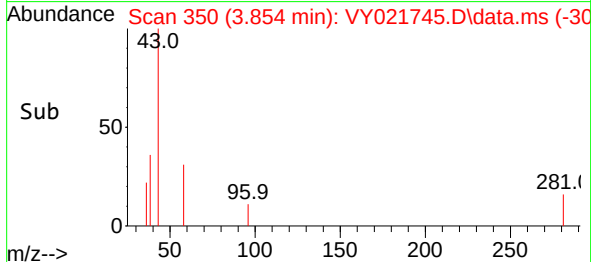
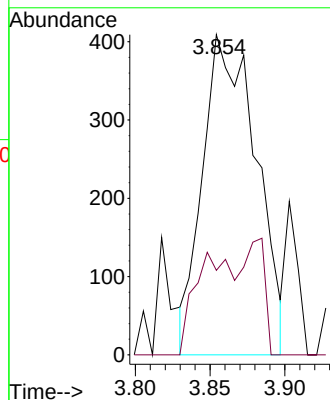
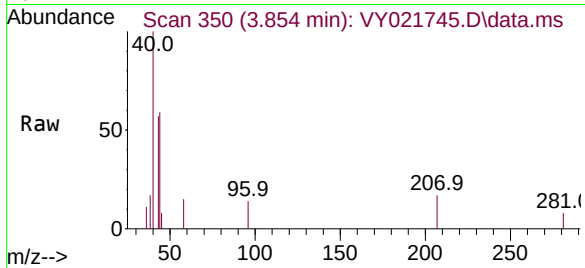
NB-08-04012025

Tgt Ion: 43 Resp: 1015

Ion Ratio Lower Upper

43 100

58 31.0 24.2 36.4



#31

Cyclohexane

Concen: 1.320 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021745.D

Acq: 01 Apr 2025 16:38

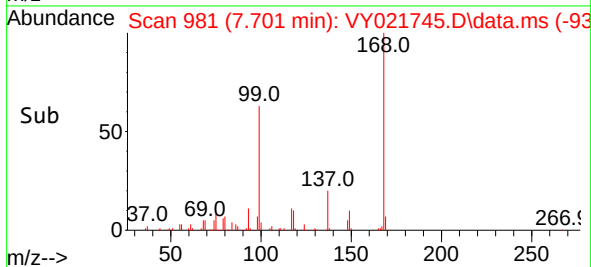
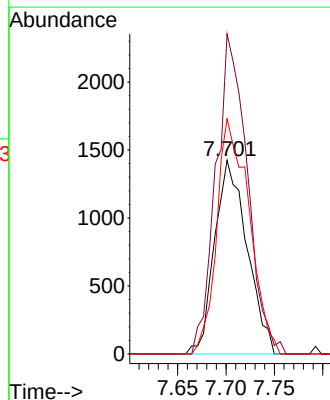
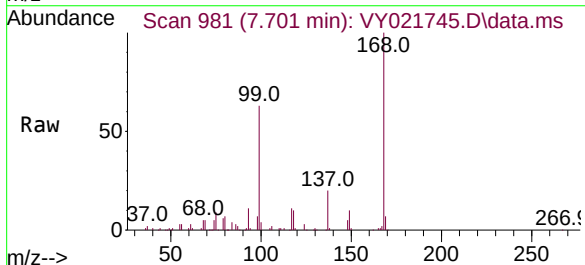
Tgt Ion: 56 Resp: 3320

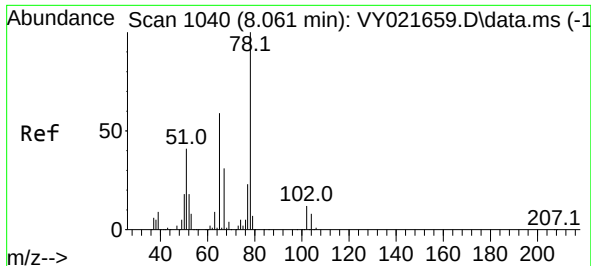
Ion Ratio Lower Upper

56 100

69 165.3 26.6 40.0#

84 121.4 69.0 103.4#

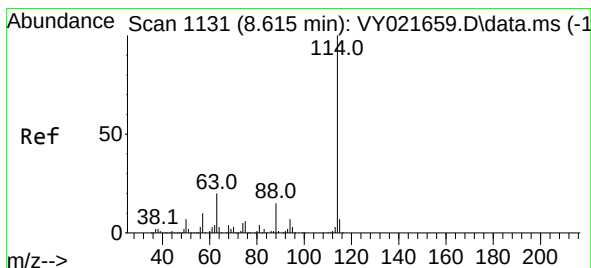
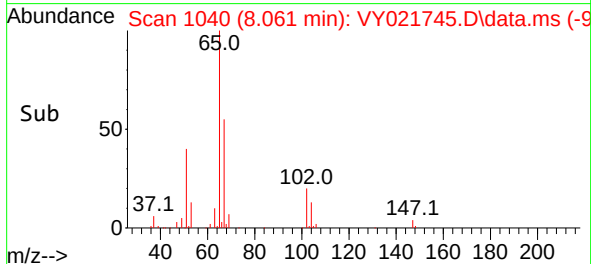
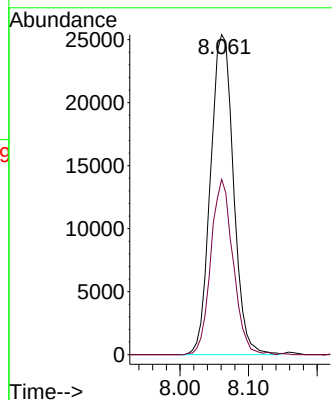
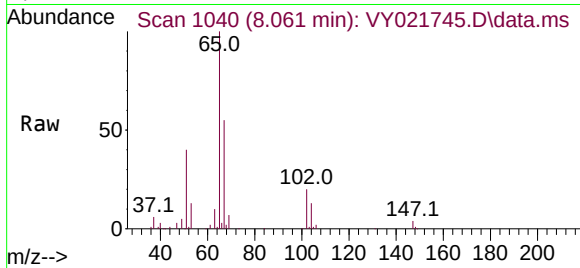




#33
 1,2-Dichloroethane-d4
 Concen: 41.466 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021745.D
 Acq: 01 Apr 2025 16:38

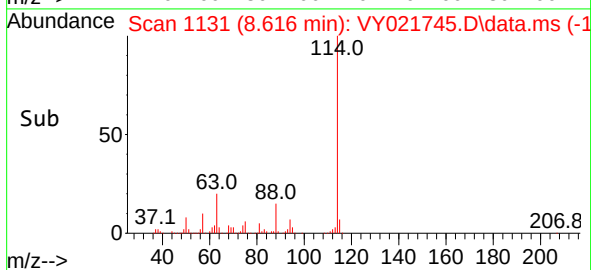
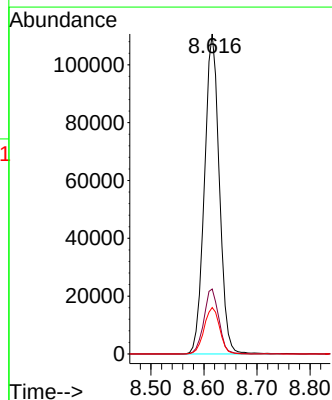
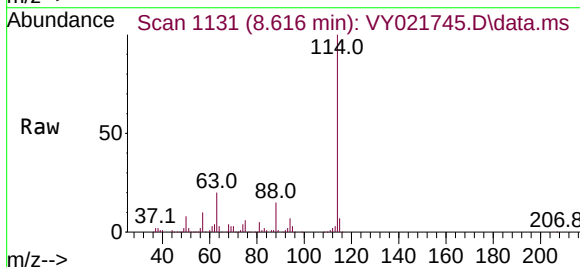
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-04012025

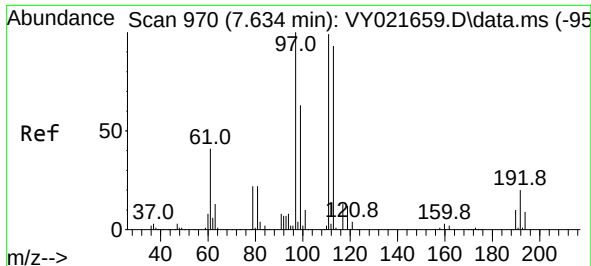
Tgt Ion: 65 Resp: 59104
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021745.D
 Acq: 01 Apr 2025 16:38

Tgt Ion: 114 Resp: 215527
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.2
 88 14.5 0.0 29.8

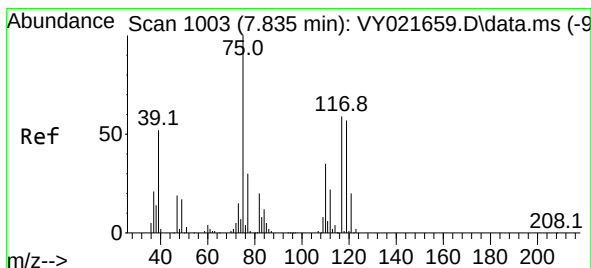
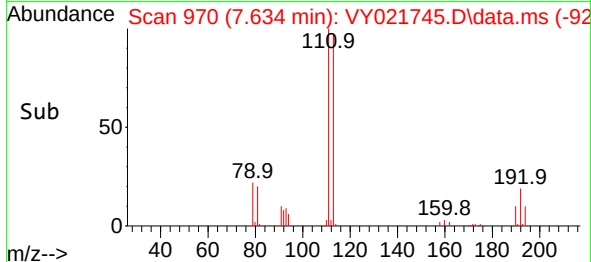
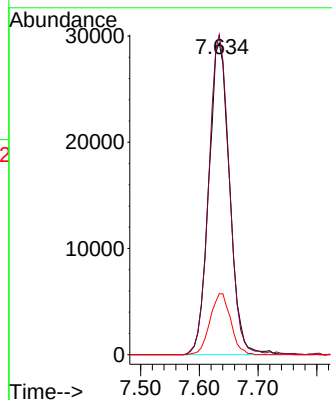
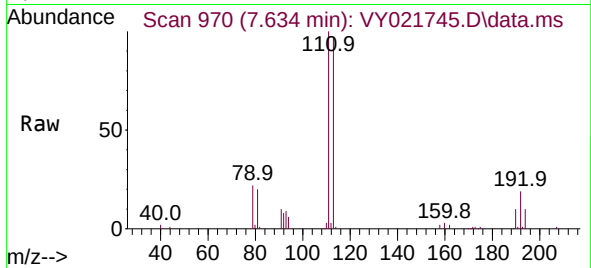




#35
Dibromofluoromethane
Concen: 51.847 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021745.D
Acq: 01 Apr 2025 16:38

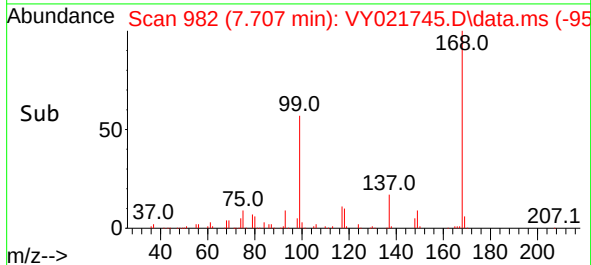
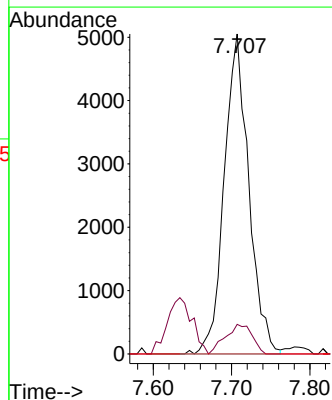
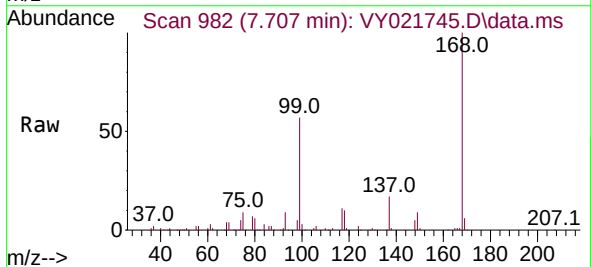
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-04012025

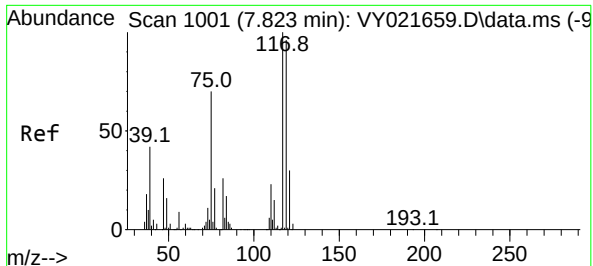
Tgt Ion:113 Resp: 72487
Ion Ratio Lower Upper
113 100
111 100.8 82.6 123.8
192 19.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 5.159 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021745.D
Acq: 01 Apr 2025 16:38

Tgt Ion: 75 Resp: 10987
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.8 37.2#

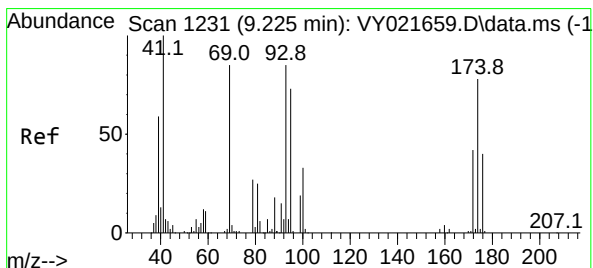
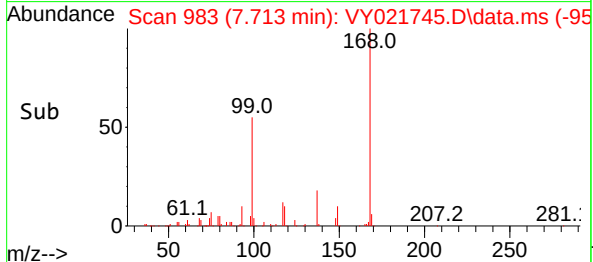
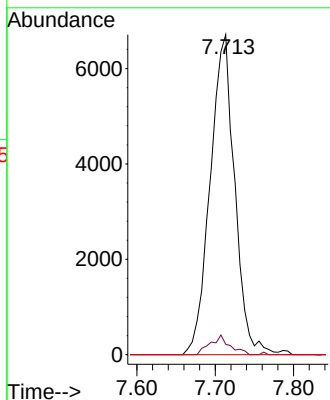
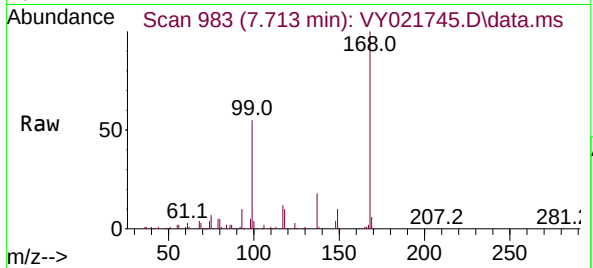




#38
Carbon Tetrachloride
Concen: 5.993 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021745.D
Acq: 01 Apr 2025 16:38

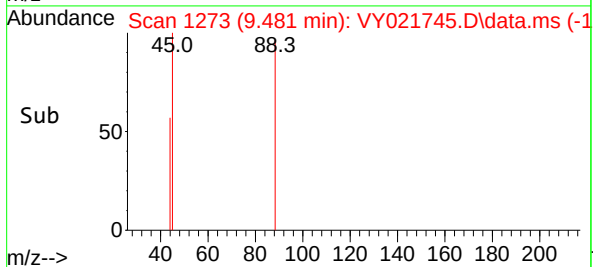
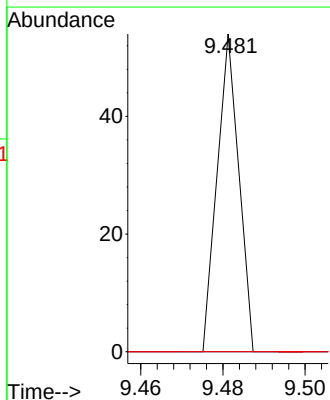
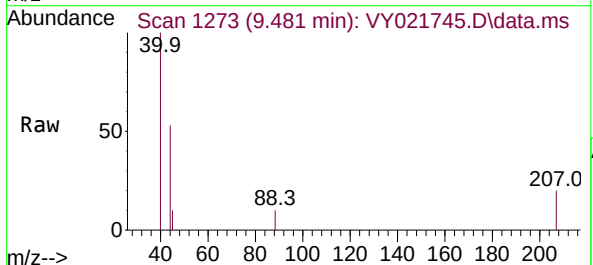
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-04012025

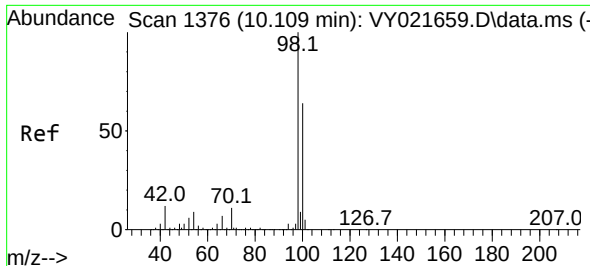
Tgt Ion:117 Resp: 14617
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.4#
121 0.0 24.2 36.4#



#49
1,4-Dioxane
Concen: 2.146 ug/l
RT: 9.481 min Scan# 1273
Delta R.T. 0.256 min
Lab File: VY021745.D
Acq: 01 Apr 2025 16:38

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 0.0 59.4 89.2#

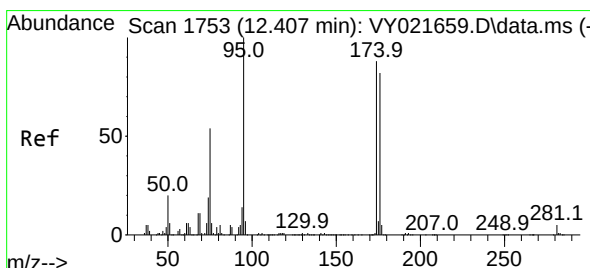
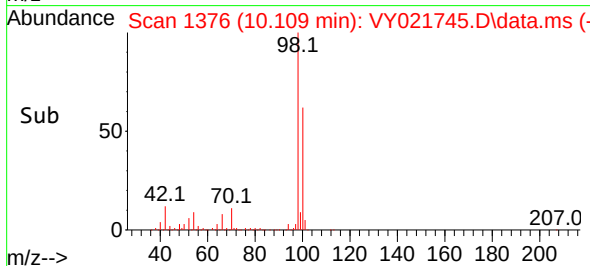
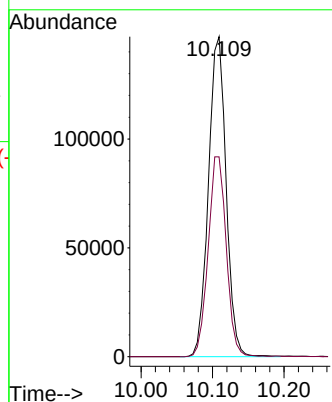
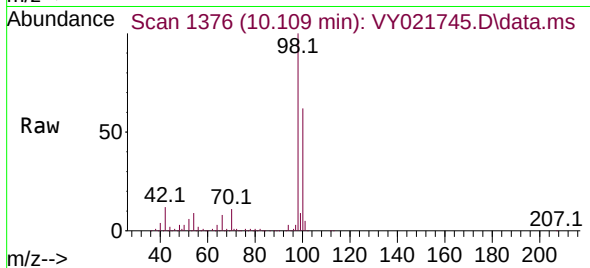




#50
Toluene-d8
Concen: 47.471 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021745.D
Acq: 01 Apr 2025 16:38

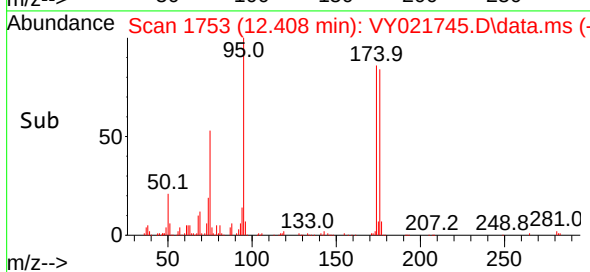
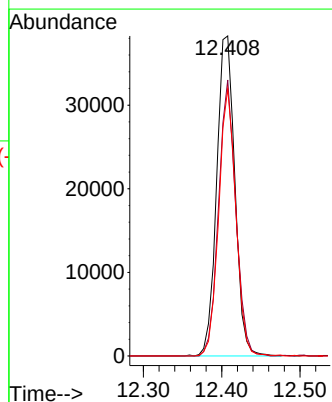
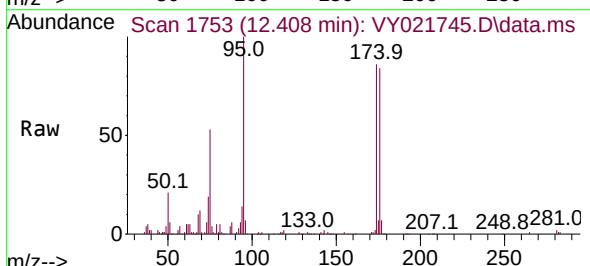
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-04012025

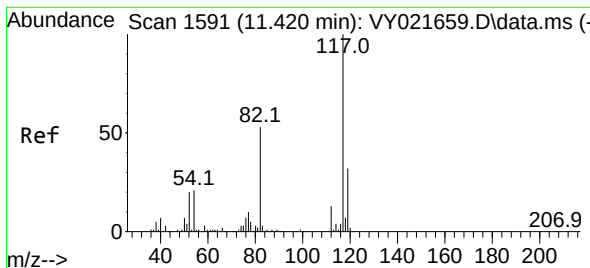
Tgt Ion: 98 Resp: 252486
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 34.380 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021745.D
Acq: 01 Apr 2025 16:38

Tgt Ion: 95 Resp: 61851
Ion Ratio Lower Upper
95 100
174 81.3 0.0 170.8
176 78.8 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021745.D

Acq: 01 Apr 2025 16:38

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-04012025

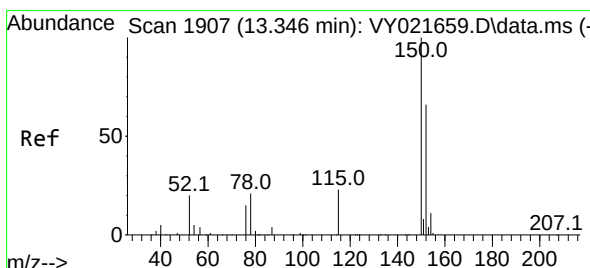
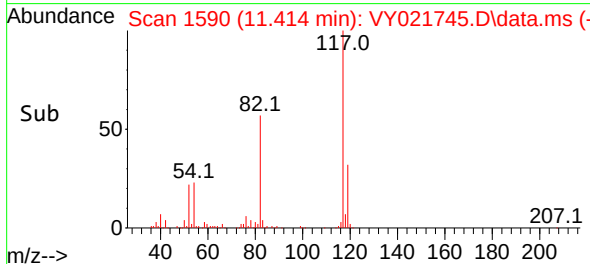
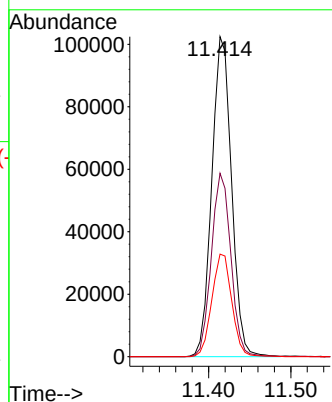
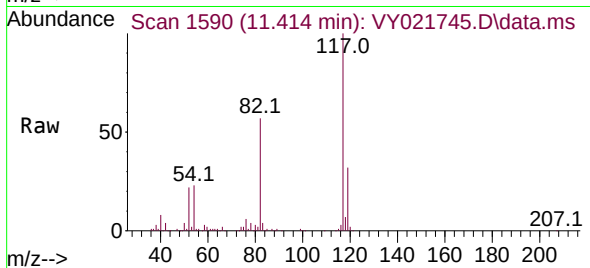
Tgt Ion:117 Resp: 171094

Ion Ratio Lower Upper

117 100

82 57.3 42.8 64.2

119 32.0 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021745.D

Acq: 01 Apr 2025 16:38

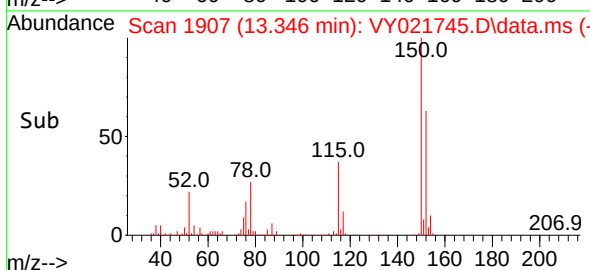
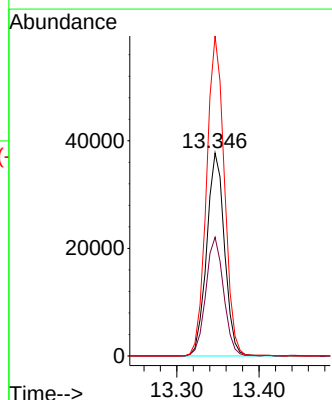
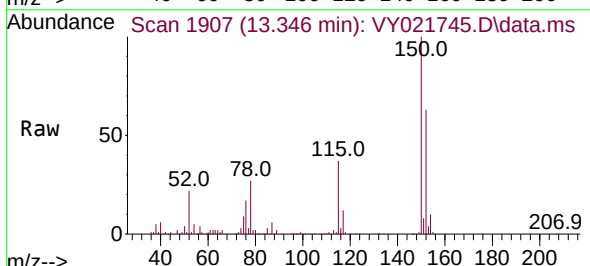
Tgt Ion:152 Resp: 56723

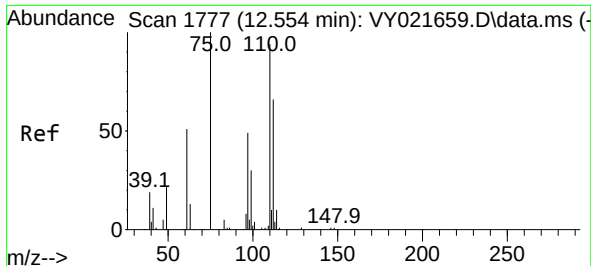
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 157.2 0.0 348.4

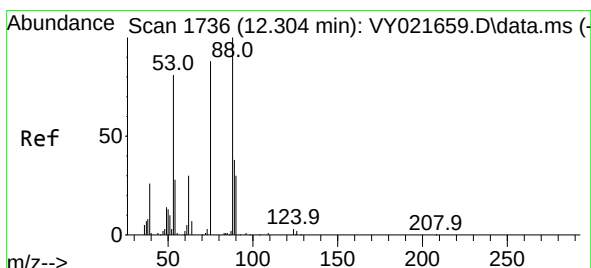
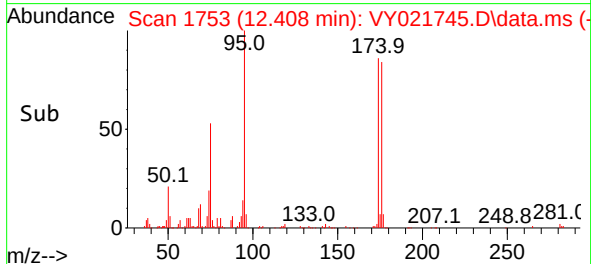
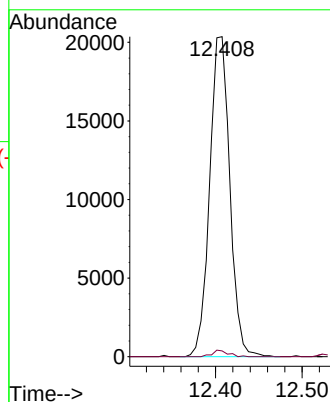
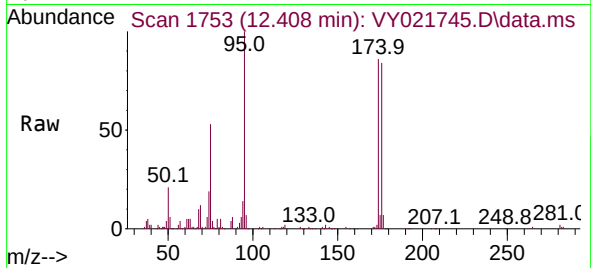




#76
1,2,3-Trichloropropane
Concen: 58.536 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021745.D
Acq: 01 Apr 2025 16:38

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-04012025

Tgt Ion: 75 Resp: 32913
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.877 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021745.D
Acq: 01 Apr 2025 16:38

Tgt Ion: 75 Resp: 32913
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.4 36.2 54.4#

