

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023725.D
 Acq On : 10 Nov 2025 19:15
 Operator : SY/MD
 Sample : Q3587-01
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-110725

Quant Time: Nov 11 02:11:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

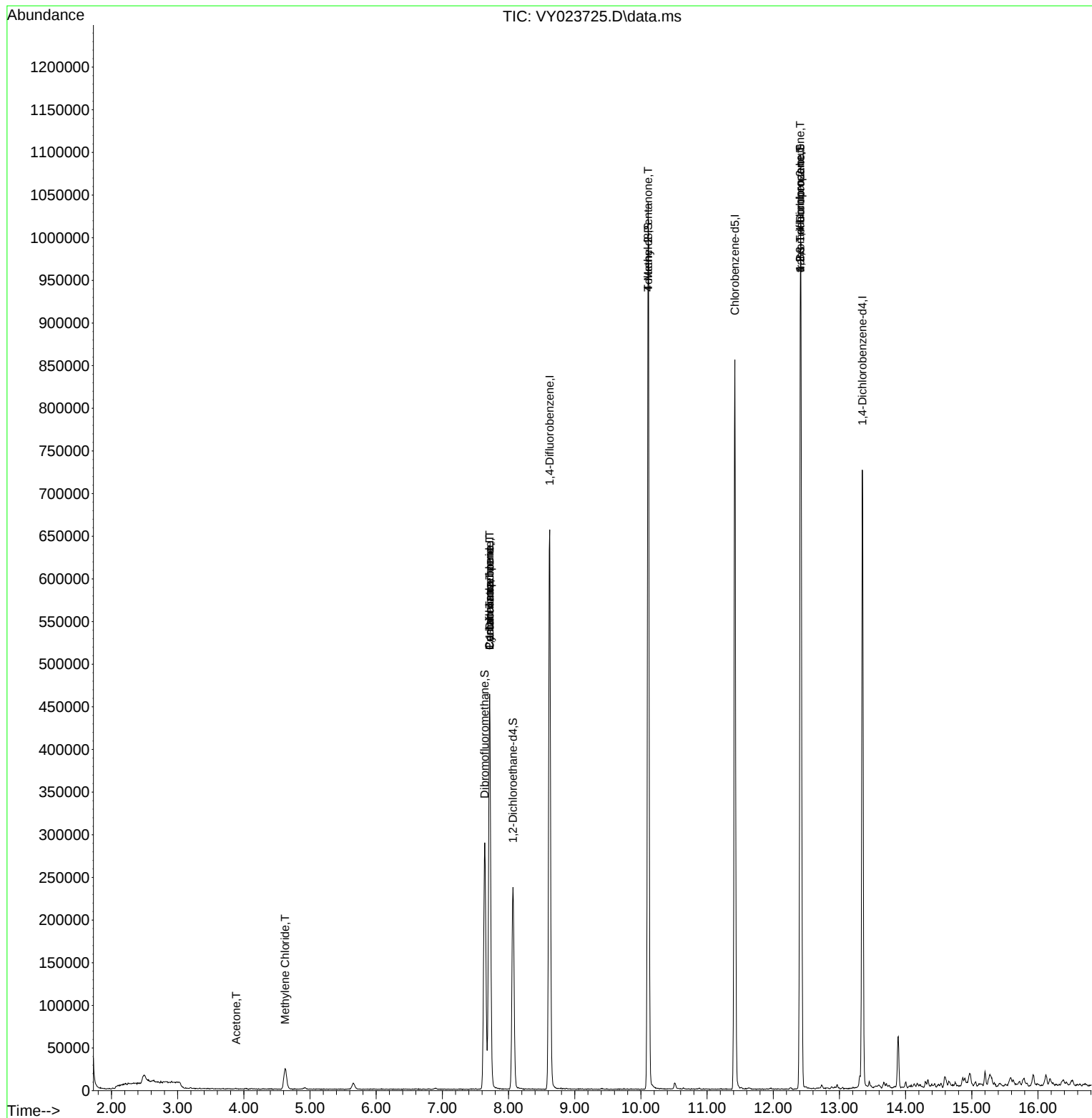
Internal Standards						
1) Pentafluorobenzene	7.713	168	384683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	605252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	483827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	195201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	188030	58.453	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.900%	
35) Dibromofluoromethane	7.640	113	207184	55.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.420%	
50) Toluene-d8	10.109	98	694270	50.128	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.408	95	191297	41.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.680%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	770	1.005	ug/l #	78
20) Methylene Chloride	4.622	84	19285	4.657	ug/l #	91
31) Cyclohexane	7.713	56	6533	1.221	ug/l #	12
36) 1,1-Dichloropropene	7.713	75	24856	5.048	ug/l #	48
38) Carbon Tetrachloride	7.713	117	34152	5.721	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	2423	1.206	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	96449	56.004	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	96449	137.331	ug/l #	15

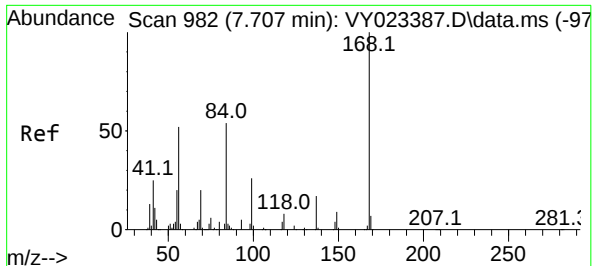
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
Data File : VY023725.D
Acq On : 10 Nov 2025 19:15
Operator : SY/MD
Sample : Q3587-01
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

Quant Time: Nov 11 02:11:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

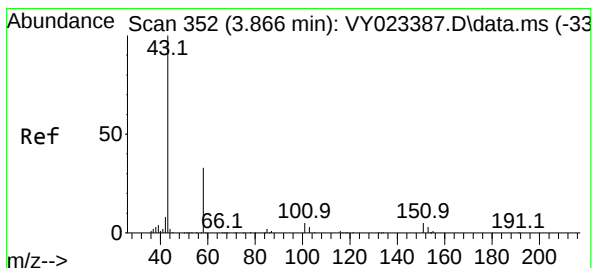
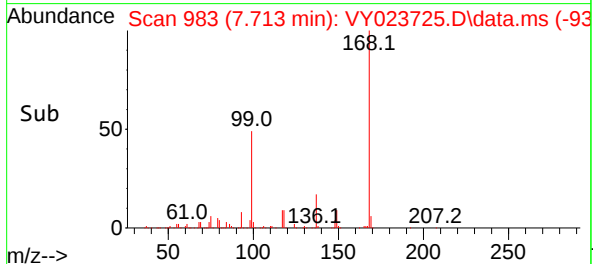
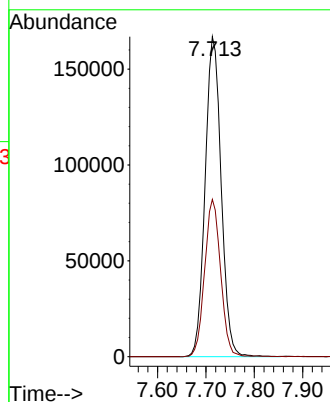
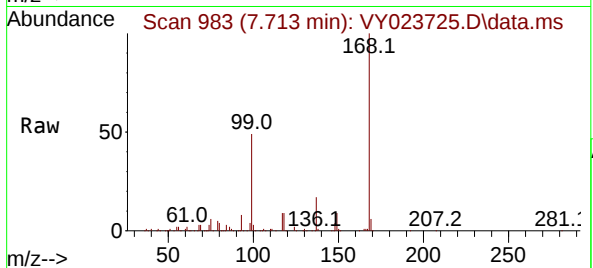




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

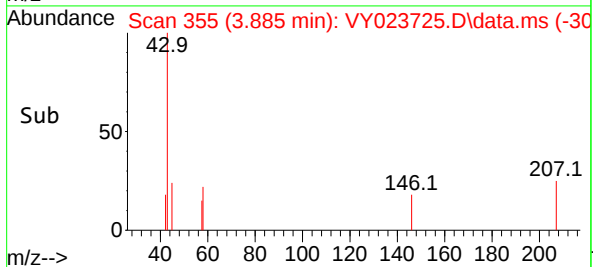
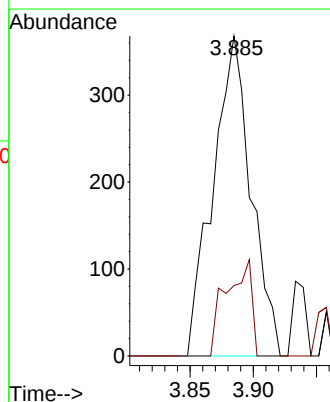
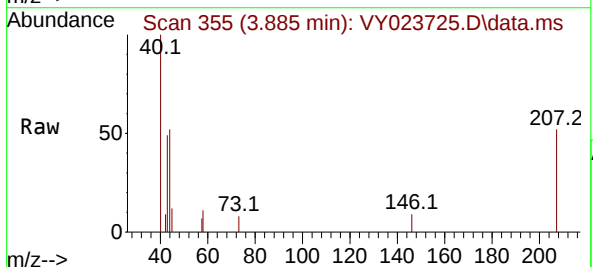
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

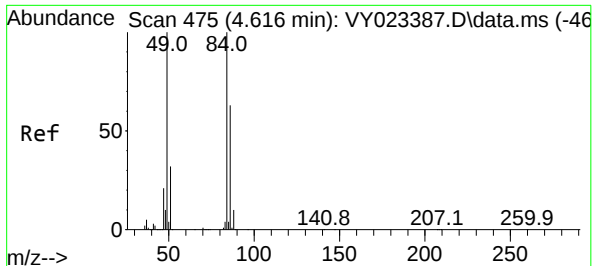
Tgt Ion:168 Resp: 384683
Ion Ratio Lower Upper
168 100
99 49.2 39.7 59.5



#16
Acetone
Concen: 1.005 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.018 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 22.0 27.7 41.5#





#20

Methylene Chloride

Concen: 4.657 ug/l

RT: 4.622 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY023725.D

Acq: 10 Nov 2025 19:15

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-110725

Tgt Ion: 84 Resp: 19285

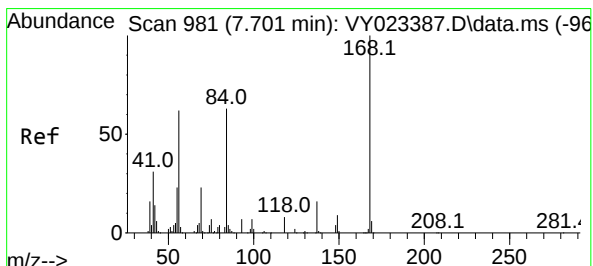
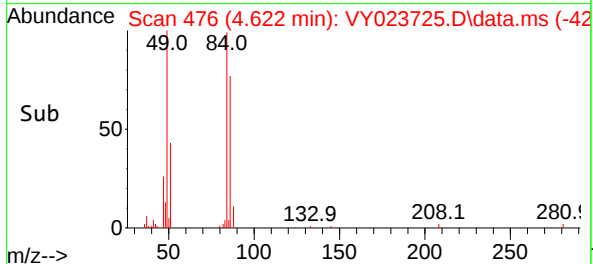
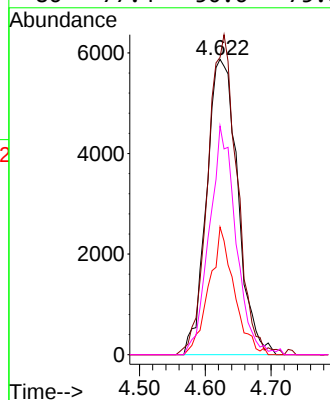
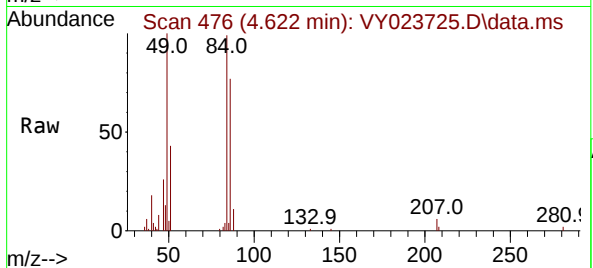
Ion Ratio Lower Upper

84 100

49 99.6 80.2 120.4

51 43.2 25.9 38.9#

86 77.4 50.6 75.8#



#31

Cyclohexane

Concen: 1.221 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY023725.D

Acq: 10 Nov 2025 19:15

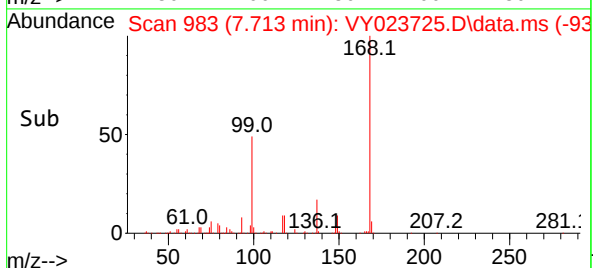
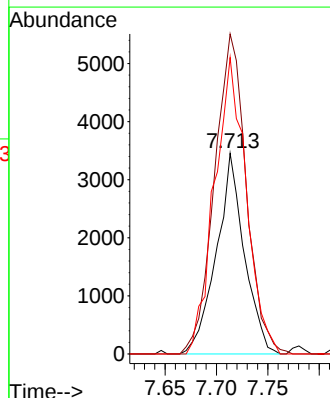
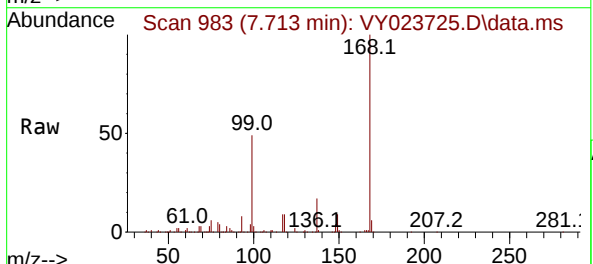
Tgt Ion: 56 Resp: 6533

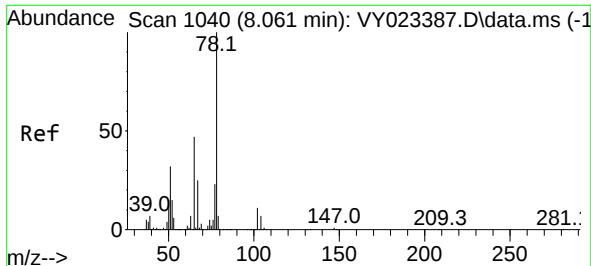
Ion Ratio Lower Upper

56 100

69 159.5 30.0 45.0#

84 147.7 81.2 121.8#





#33

1,2-Dichloroethane-d4

Concen: 58.453 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023725.D

Acq: 10 Nov 2025 19:15

Instrument :

MSVOA_Y

ClientSampleId :

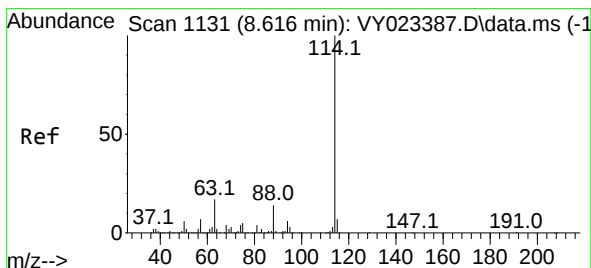
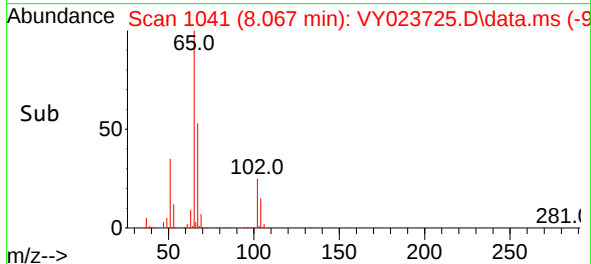
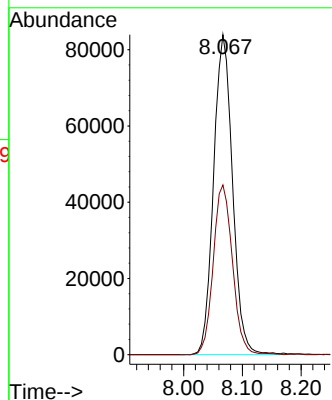
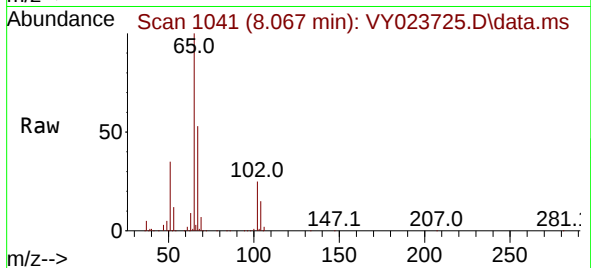
NB-08-110725

Tgt Ion: 65 Resp: 188030

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023725.D

Acq: 10 Nov 2025 19:15

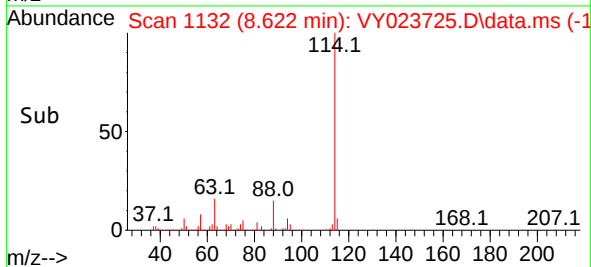
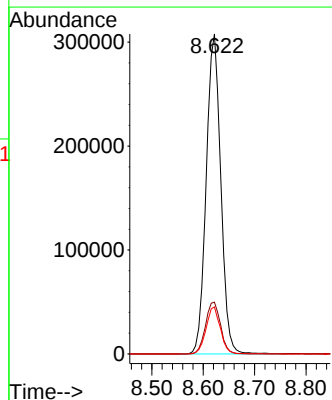
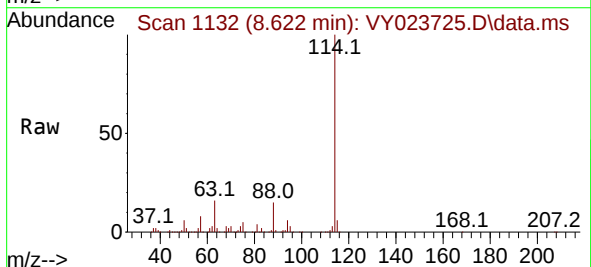
Tgt Ion: 114 Resp: 605252

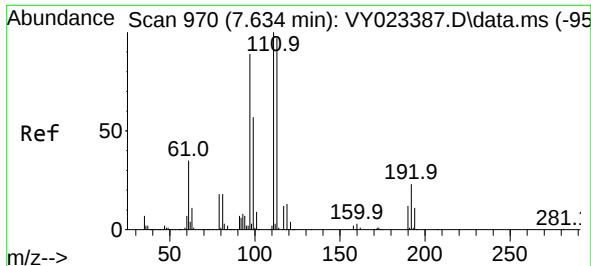
Ion Ratio Lower Upper

114 100

63 16.2 0.0 34.2

88 14.7 0.0 28.4

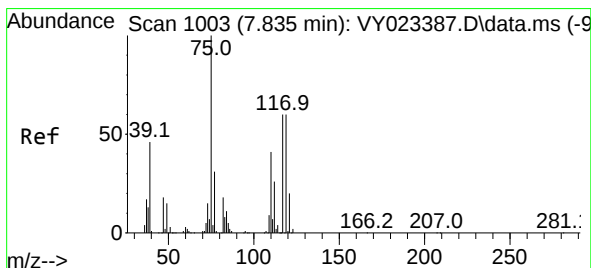
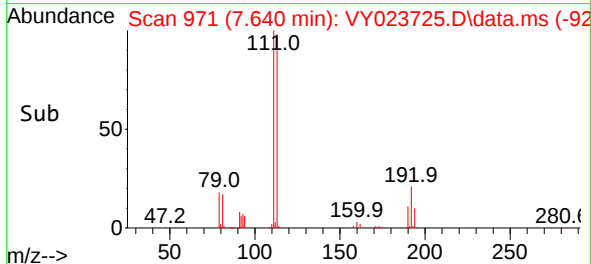
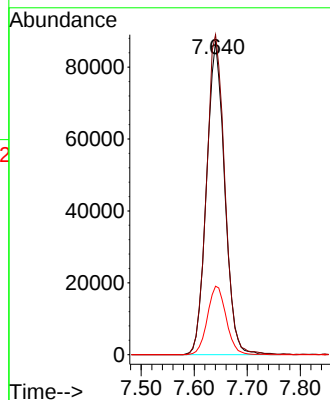
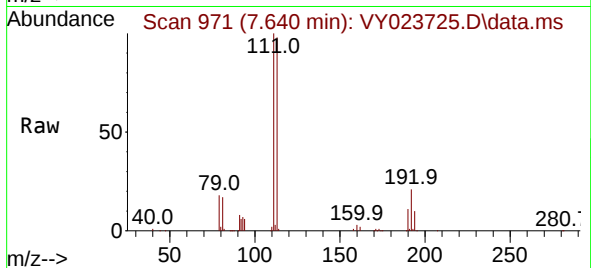




#35
Dibromofluoromethane
Concen: 55.710 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

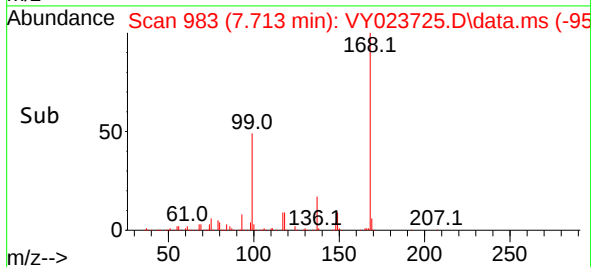
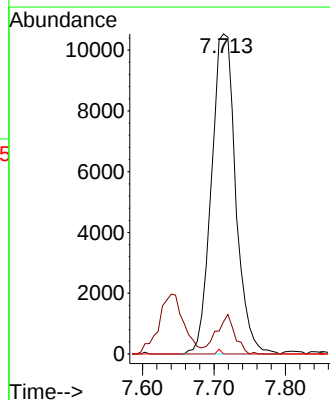
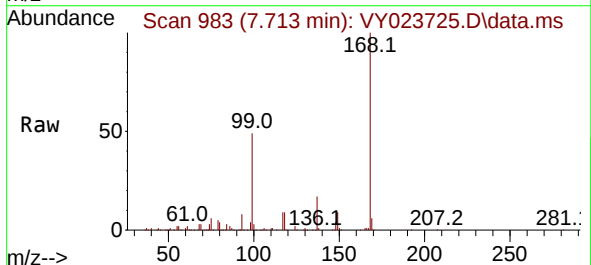
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

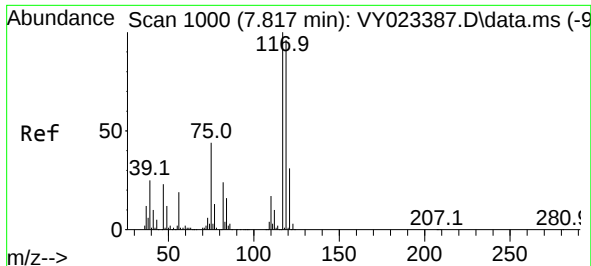
Tgt Ion:113 Resp: 207184
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 22.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Tgt Ion: 75 Resp: 24856
Ion Ratio Lower Upper
75 100
110 9.4 19.9 59.7#
77 0.2 25.0 37.6#

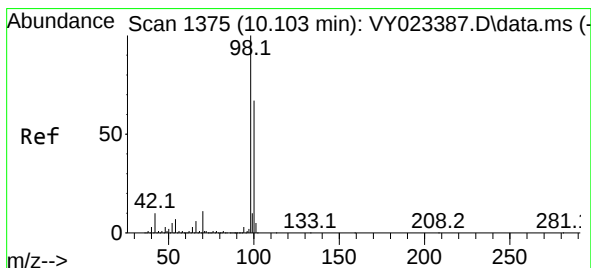
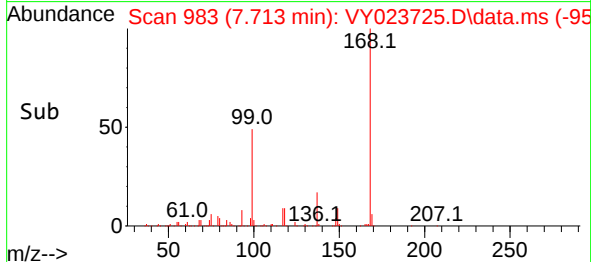
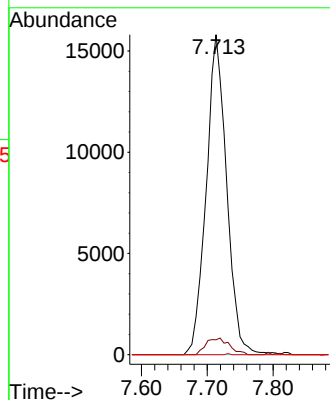
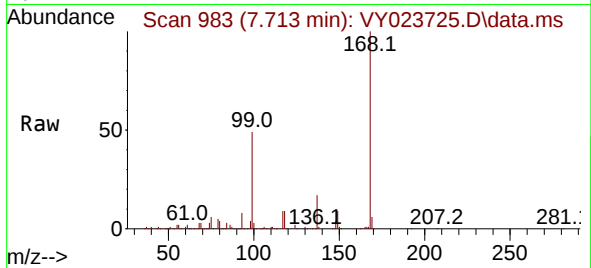




#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

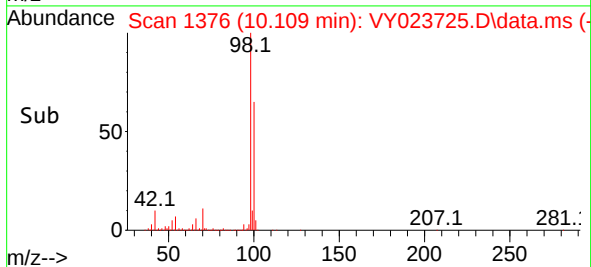
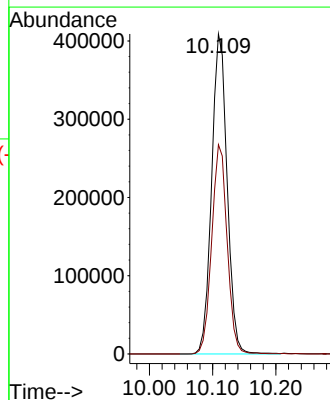
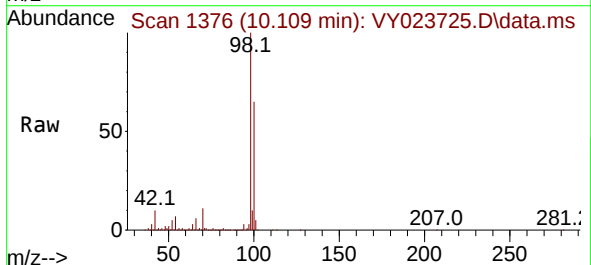
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

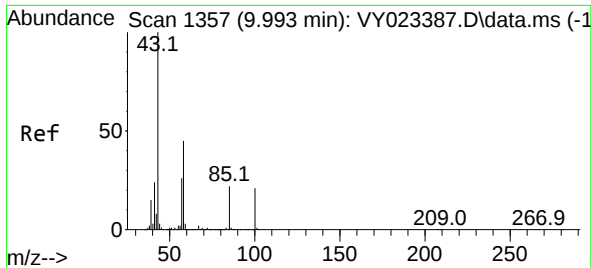
Tgt Ion:117 Resp: 34152
Ion Ratio Lower Upper
117 100
119 4.6 76.8 115.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.128 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Tgt Ion: 98 Resp: 694270
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4

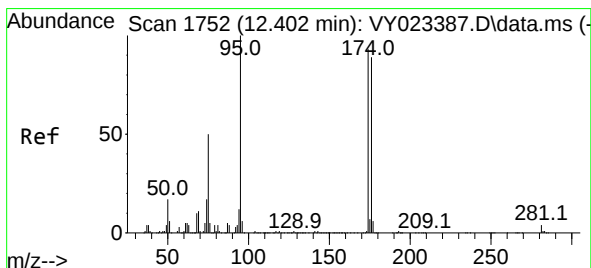
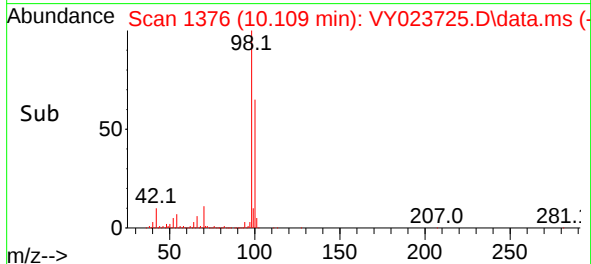
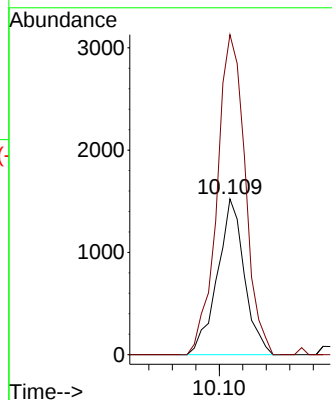
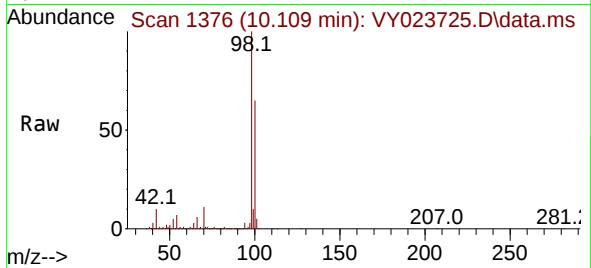




#51
 4-Methyl-2-Pentanone
 Concen: 1.206 ug/l
 RT: 10.109 min Scan# 11
 Delta R.T. 0.116 min
 Lab File: VY023725.D
 Acq: 10 Nov 2025 19:15

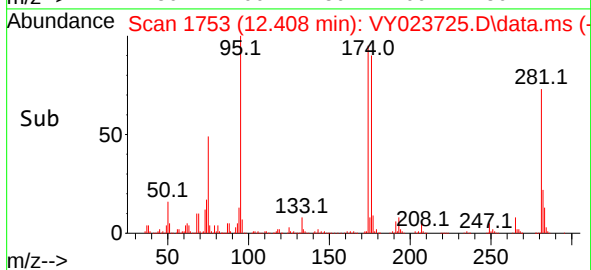
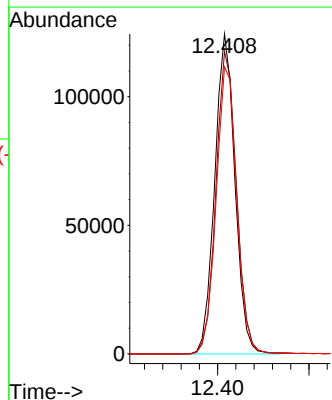
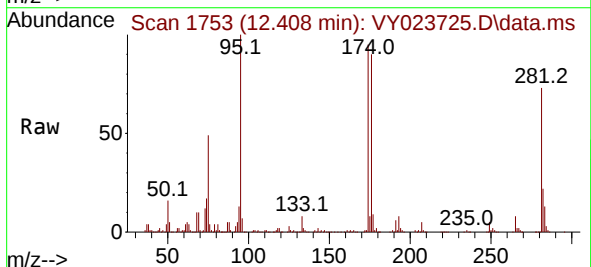
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-110725

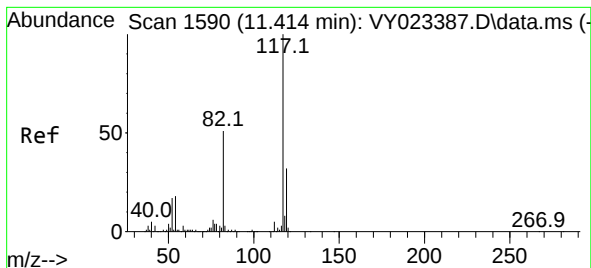
Tgt Ion: 43 Resp: 2423
 Ion Ratio Lower Upper
 43 100
 58 215.3 35.3 52.9#



#62
 4-Bromofluorobenzene
 Concen: 41.836 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.006 min
 Lab File: VY023725.D
 Acq: 10 Nov 2025 19:15

Tgt Ion: 95 Resp: 191297
 Ion Ratio Lower Upper
 95 100
 174 96.5 0.0 192.8
 176 92.0 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023725.D

Acq: 10 Nov 2025 19:15

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-110725

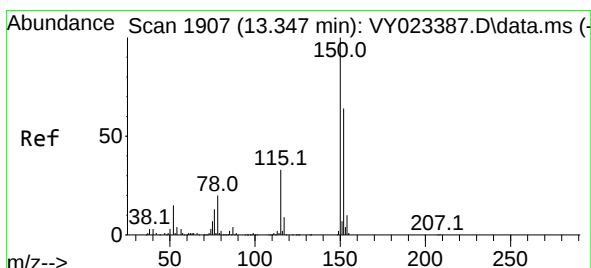
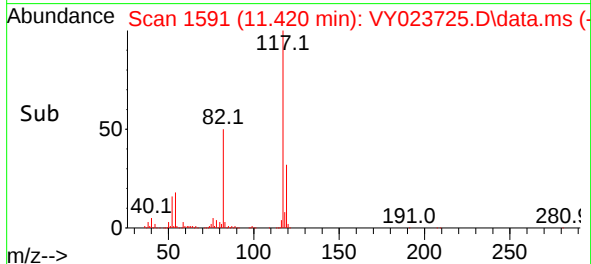
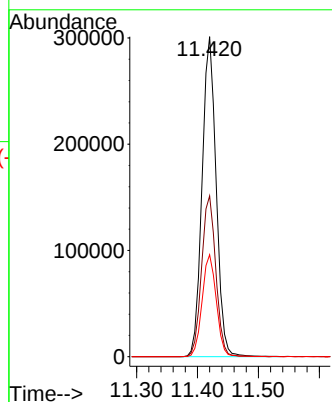
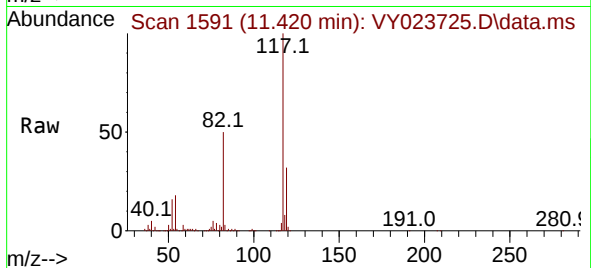
Tgt Ion:117 Resp: 483827

Ion Ratio Lower Upper

117 100

82 50.2 41.0 61.4

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023725.D

Acq: 10 Nov 2025 19:15

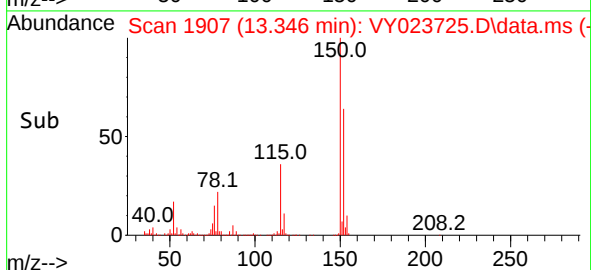
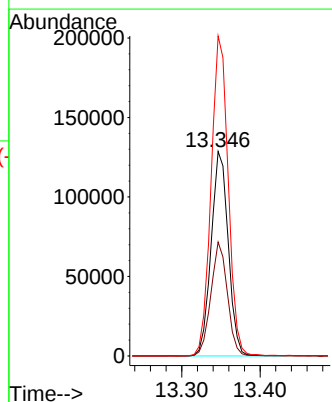
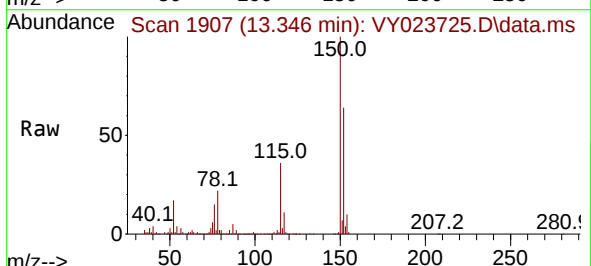
Tgt Ion:152 Resp: 195201

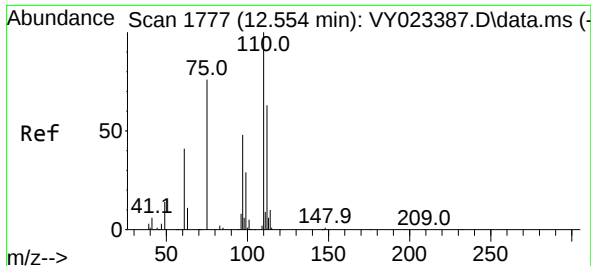
Ion Ratio Lower Upper

152 100

115 53.8 27.1 81.2

150 156.6 0.0 347.4

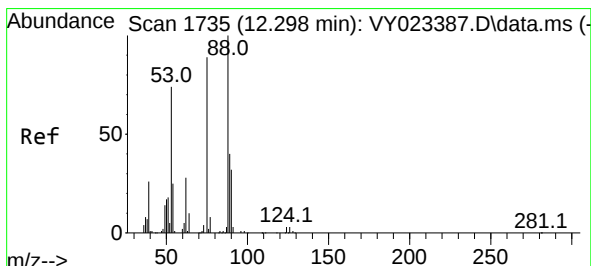
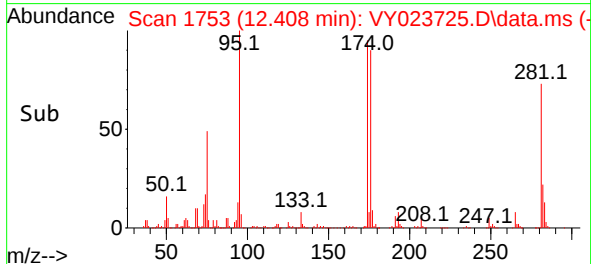
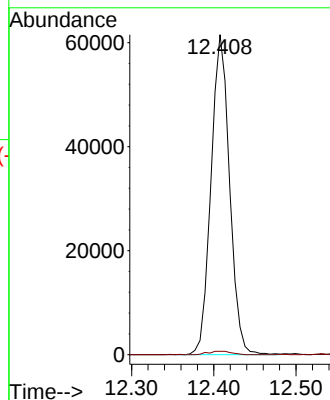
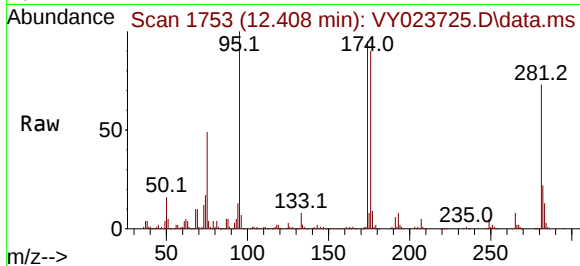




#76
1,2,3-Trichloropropane
Concen: 56.004 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

Tgt Ion: 75 Resp: 96449
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.331 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Tgt Ion: 75 Resp: 96449
Ion Ratio Lower Upper
75 100
53 0.2 68.6 102.8#
89 1.5 39.0 58.4#

