

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022363.D
 Acq On : 21 May 2025 13:34
 Operator : SY/MD
 Sample : Q2097-07
 Misc : 5.31g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-244

Quant Time: May 22 00:09:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

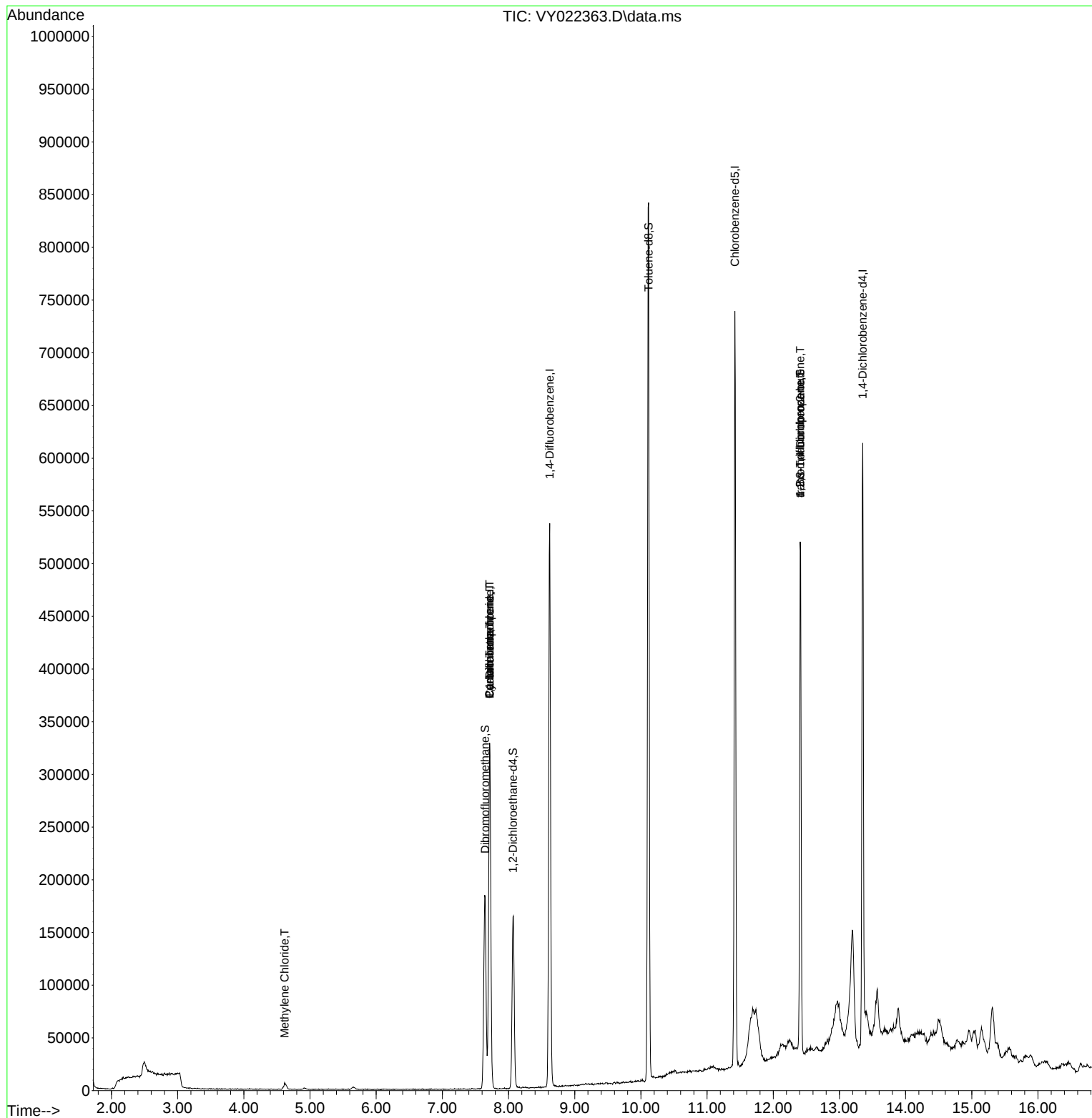
Internal Standards						
1) Pentafluorobenzene	7.713	168	247246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	442845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	351088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	132895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	124632	46.123	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.240%		
35) Dibromofluoromethane	7.646	113	129070	48.832	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.660%		
50) Toluene-d8	10.115	98	528215	48.795	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.580%		
62) 4-Bromofluorobenzene	12.408	95	139008	40.513	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	81.020%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.616	84	3599	1.099	ug/l #	91
31) Cyclohexane	7.713	56	6561	1.200	ug/l #	13
36) 1,1-Dichloropropene	7.713	75	21071	4.840	ug/l #	51
38) Carbon Tetrachloride	7.713	117	24839	5.512	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	77749	57.747	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	77749	116.981	ug/l #	12

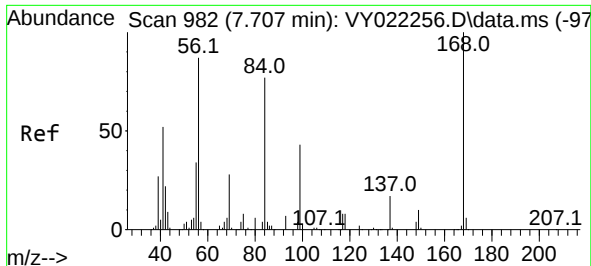
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
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Misc : 5.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-244

Quant Time: May 22 00:09:34 2025
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Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

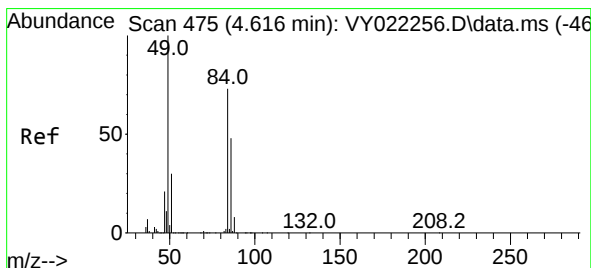
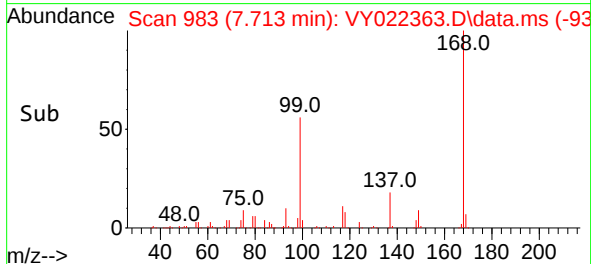
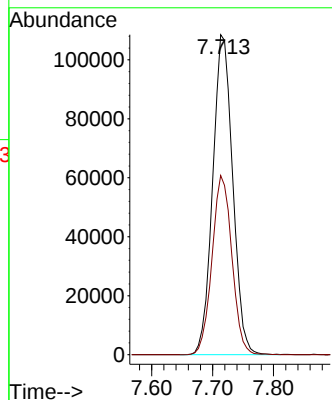
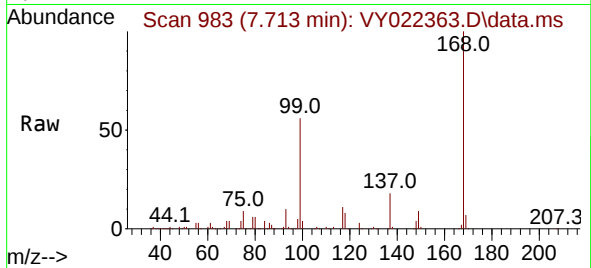




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022363.D
Acq: 21 May 2025 13:34

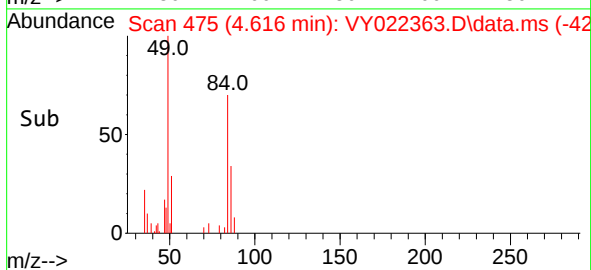
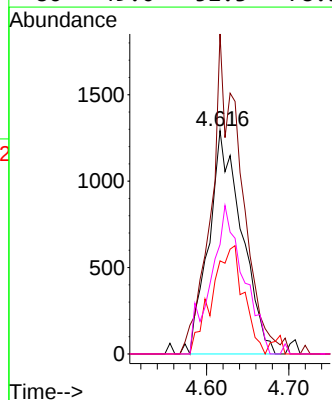
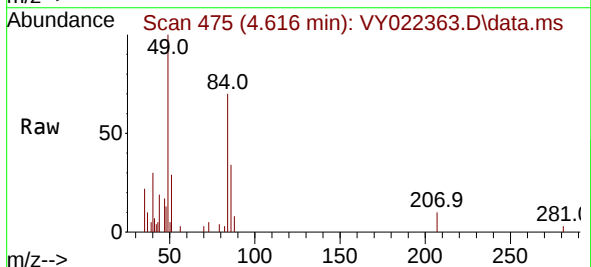
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-244

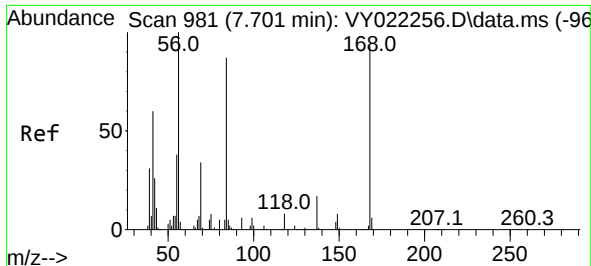
Tgt Ion:168 Resp: 247246
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#20
Methylene Chloride
Concen: 1.099 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022363.D
Acq: 21 May 2025 13:34

Tgt Ion: 84 Resp: 3599
Ion Ratio Lower Upper
84 100
49 143.2 109.6 164.4
51 41.7 32.4 48.6
86 49.0 52.3 78.5#

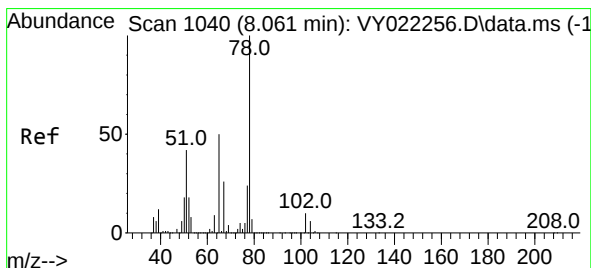
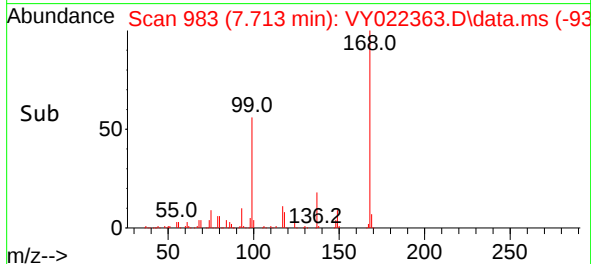
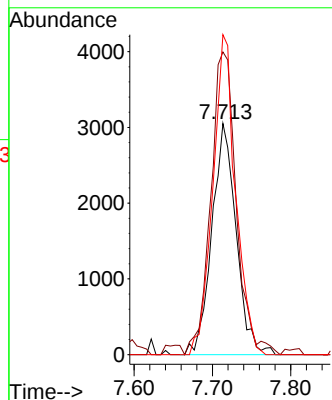
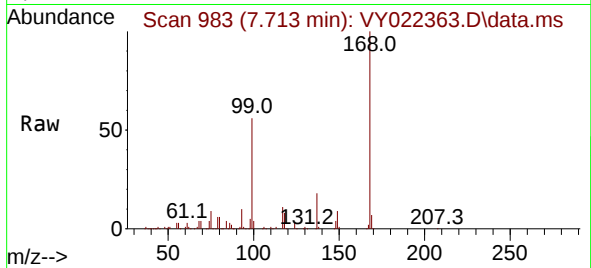




#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY022363.D
Acq: 21 May 2025 13:34

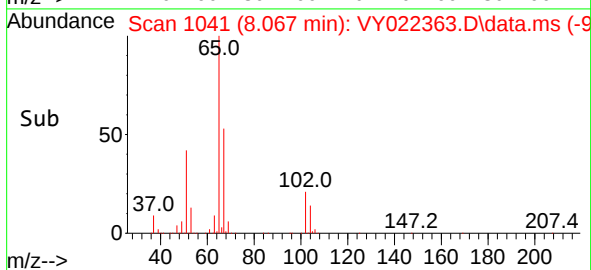
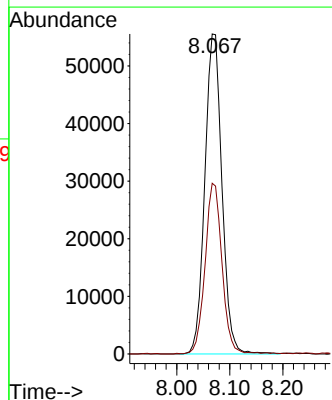
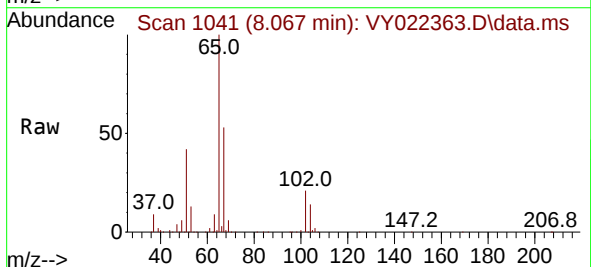
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-244

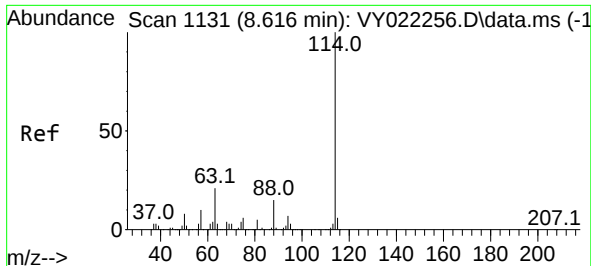
Tgt Ion: 56 Resp: 6561
Ion Ratio Lower Upper
56 100
69 130.9 27.4 41.2#
84 138.4 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 46.123 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY022363.D
Acq: 21 May 2025 13:34

Tgt Ion: 65 Resp: 124632
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY022363.D

Acq: 21 May 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-244

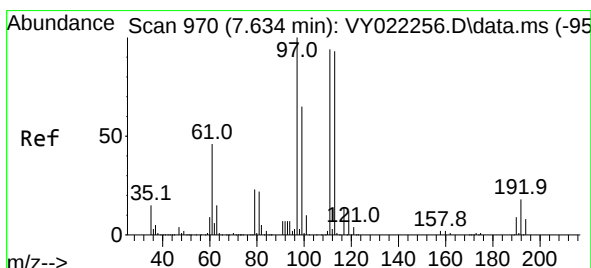
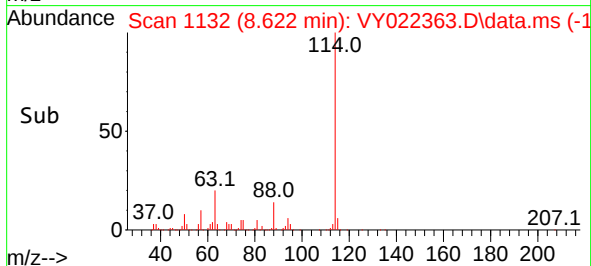
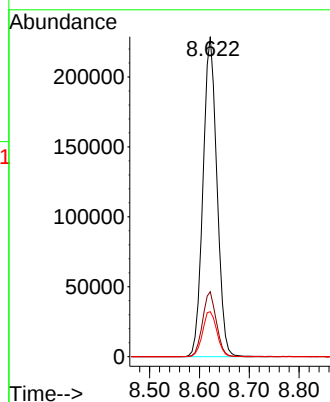
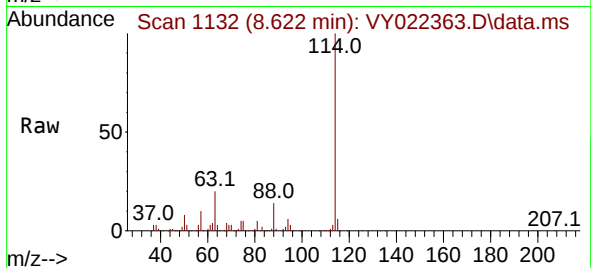
Tgt Ion:114 Resp: 442845

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

88 14.0 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.832 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY022363.D

Acq: 21 May 2025 13:34

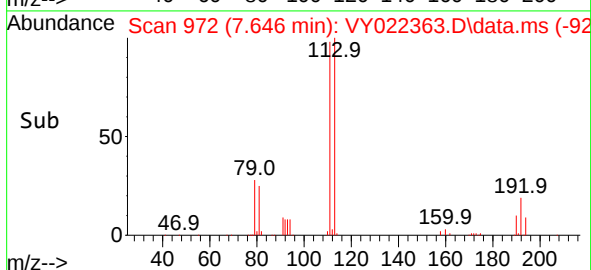
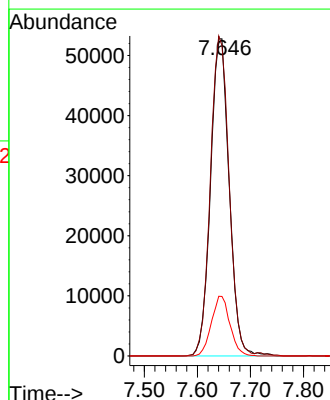
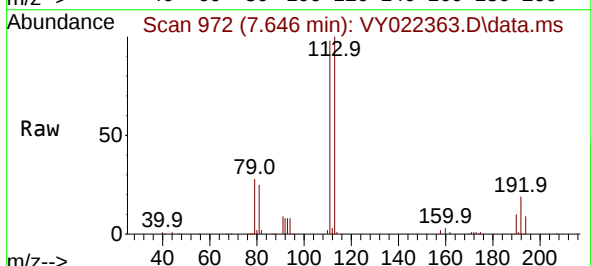
Tgt Ion:113 Resp: 129070

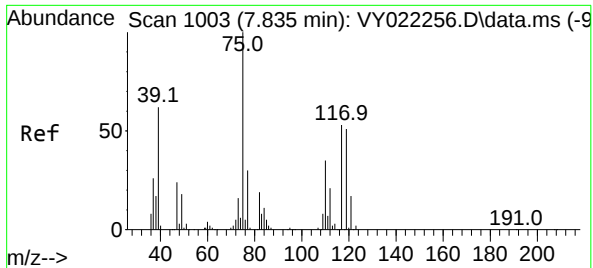
Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 18.7 15.2 22.8

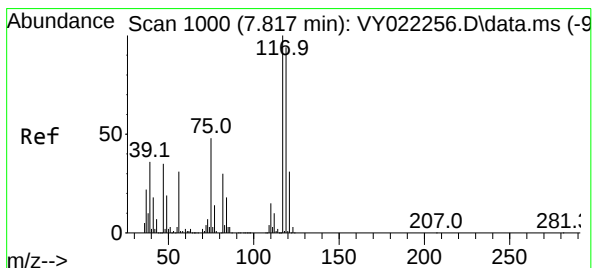
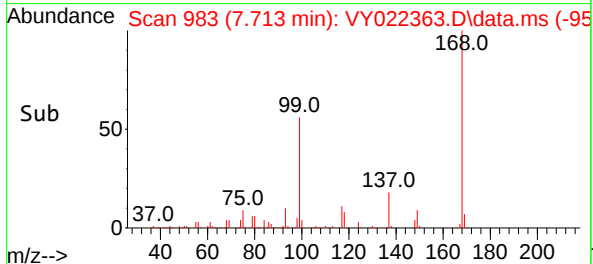
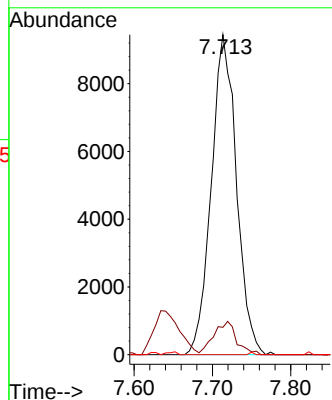
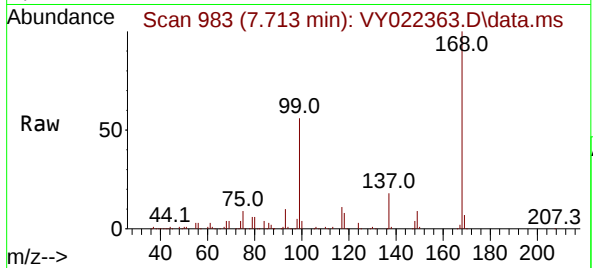




#36
1,1-Dichloropropene
Concen: 4.840 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY022363.D
Acq: 21 May 2025 13:34

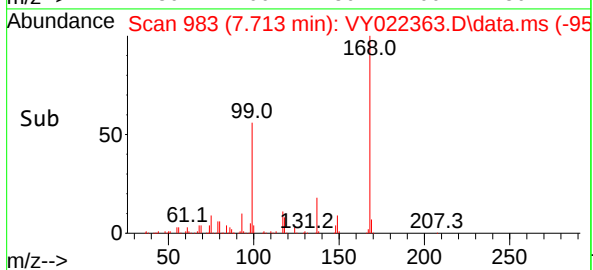
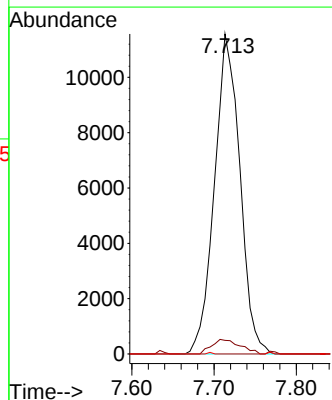
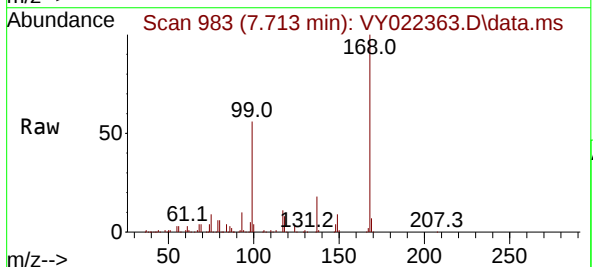
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-244

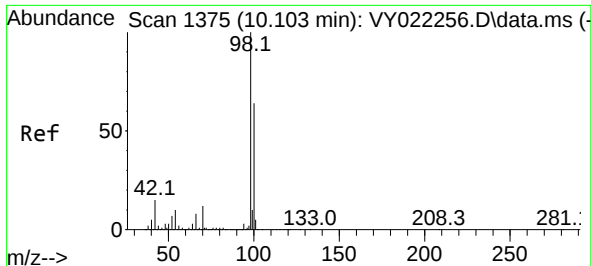
Tgt Ion: 75 Resp: 21071
Ion Ratio Lower Upper
75 100
110 9.5 16.6 49.8#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.104 min
Lab File: VY022363.D
Acq: 21 May 2025 13:34

Tgt Ion: 117 Resp: 24839
Ion Ratio Lower Upper
117 100
119 4.3 75.3 112.9#
121 0.0 24.7 37.1#

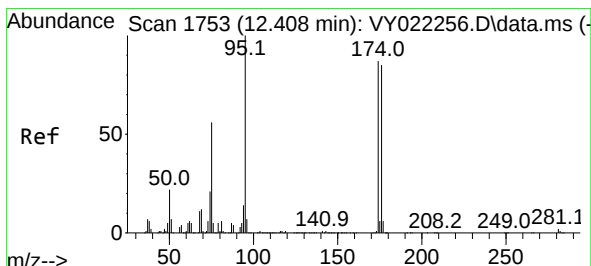
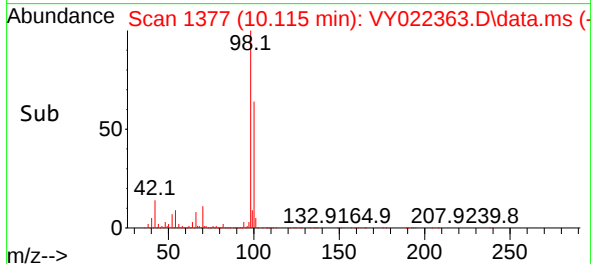
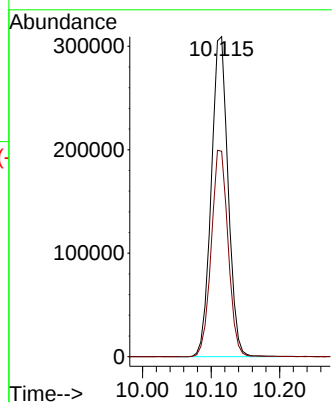
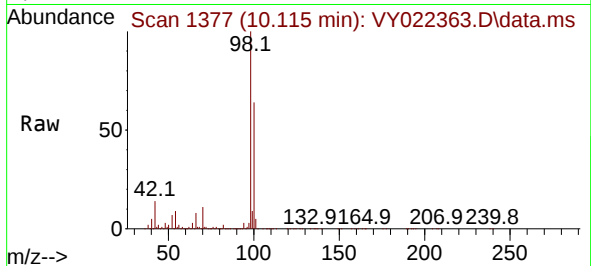




#50
Toluene-d8
Concen: 48.795 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.012 min
Lab File: VY022363.D
Acq: 21 May 2025 13:34

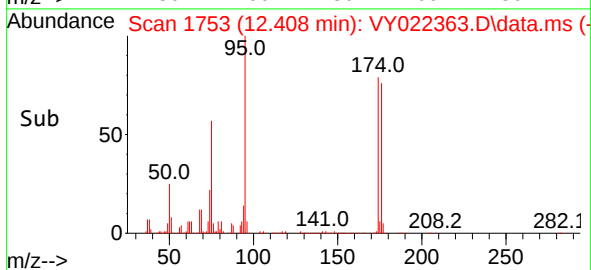
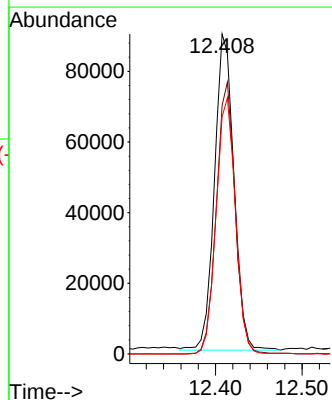
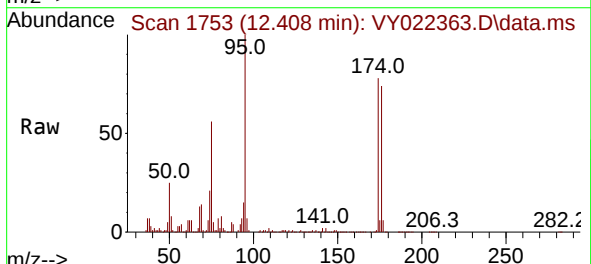
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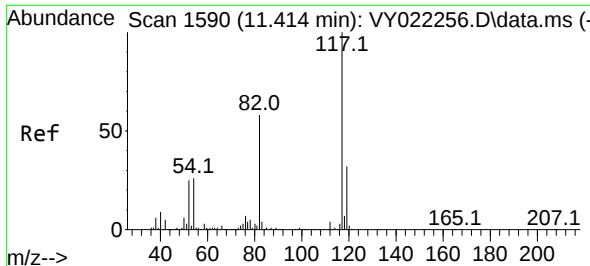
Tgt Ion: 98 Resp: 528215
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 40.513 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022363.D
Acq: 21 May 2025 13:34

Tgt Ion: 95 Resp: 139008
Ion Ratio Lower Upper
95 100
174 84.2 0.0 166.8
176 80.4 0.0 160.8

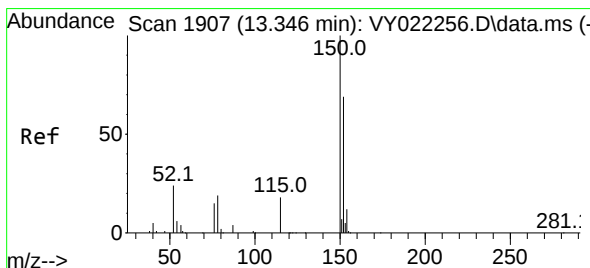
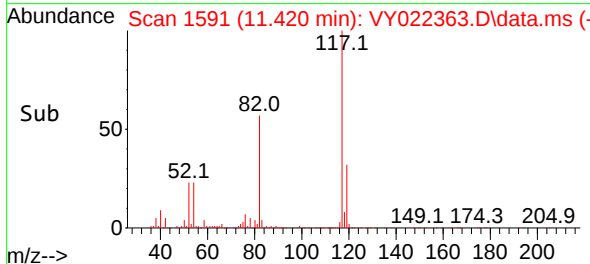
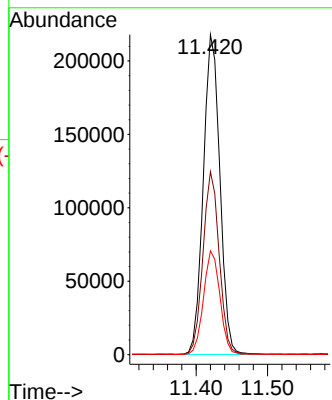
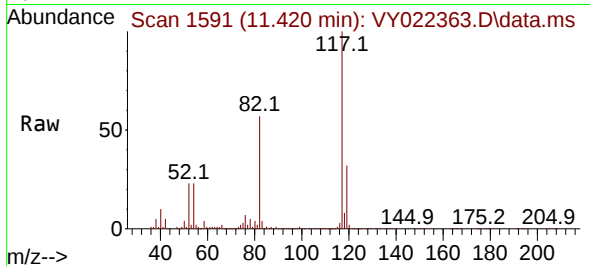




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022363.D
Acq: 21 May 2025 13:34

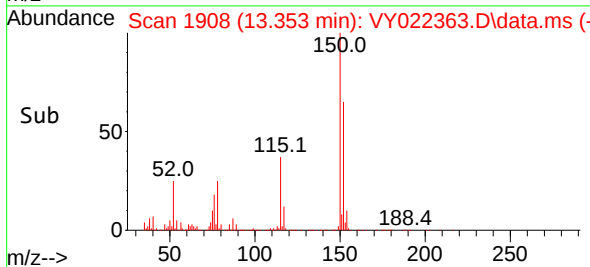
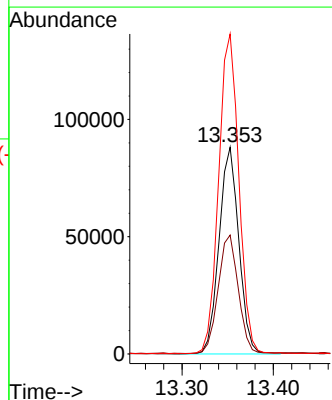
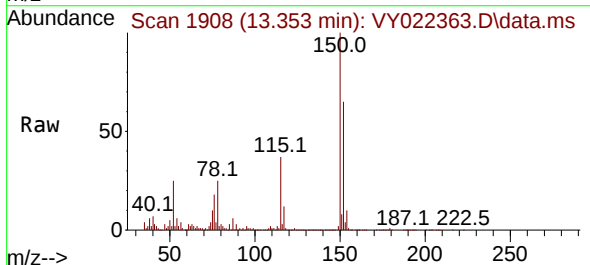
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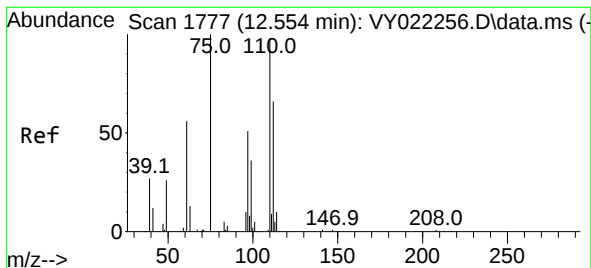
Tgt Ion:117 Resp: 351088
Ion Ratio Lower Upper
117 100
82 57.0 46.6 70.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022363.D
Acq: 21 May 2025 13:34

Tgt Ion:152 Resp: 132895
Ion Ratio Lower Upper
152 100
115 58.2 29.4 88.2
150 157.5 0.0 353.8





#76

1,2,3-Trichloropropane

Concen: 57.747 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022363.D

Acq: 21 May 2025 13:34

Instrument :

MSVOA_Y

ClientSampleId :

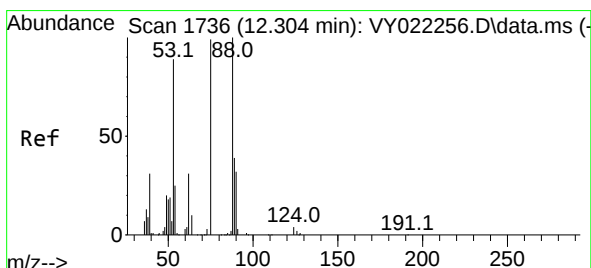
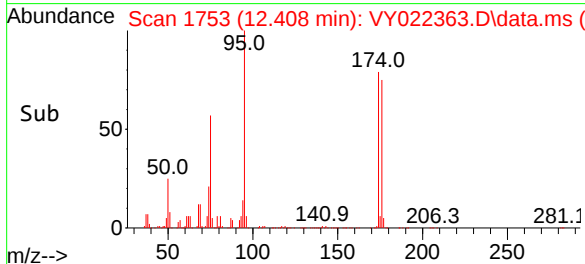
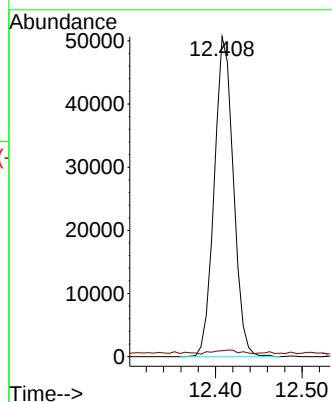
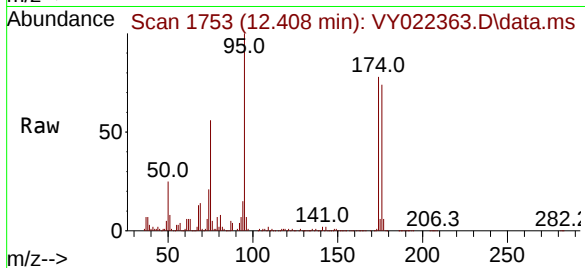
VNJ-244

Tgt Ion: 75 Resp: 77749

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.981 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY022363.D

Acq: 21 May 2025 13:34

Tgt Ion: 75 Resp: 77749

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.1 36.2 54.2#

