

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021350.D
 Acq On : 27 Feb 2025 12:04
 Operator : SY/MD
 Sample : Q1428-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-022525

Quant Time: Feb 27 12:36:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

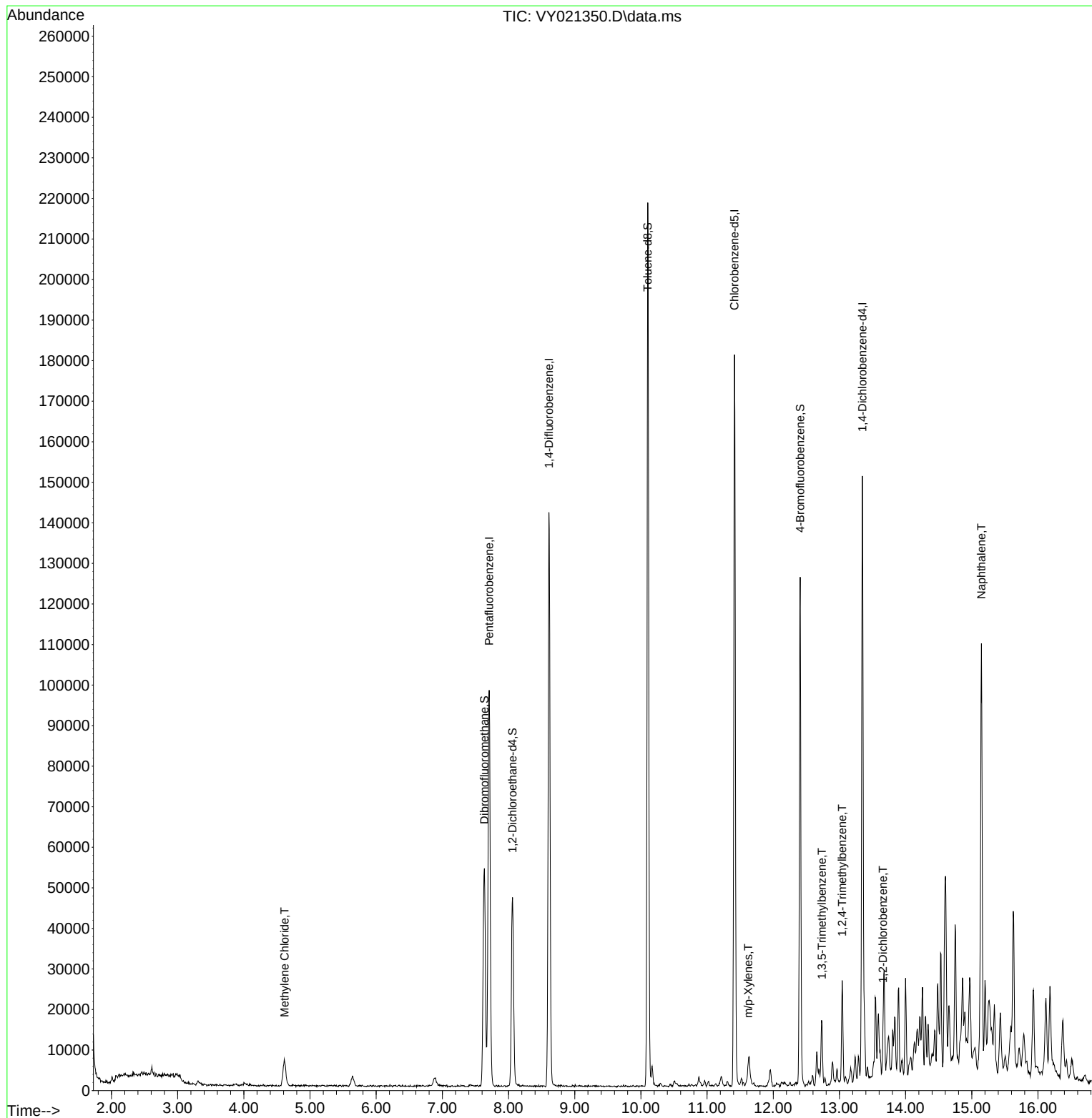
Internal Standards						
1) Pentafluorobenzene	7.707	168	73905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	116971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	93008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	35539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	38799	46.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.560%
35) Dibromofluoromethane	7.634	113	38710	50.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.103	98	135848	45.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.408	95	36862	36.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.920%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.616	84	4329	4.978	ug/l	90
68) m/p-Xylenes	11.621	106	1719	1.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	3429	1.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	12659	5.809	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	2161	2.006	ug/l #	84
95) Naphthalene	15.145	128	78374	71.981	ug/l	98

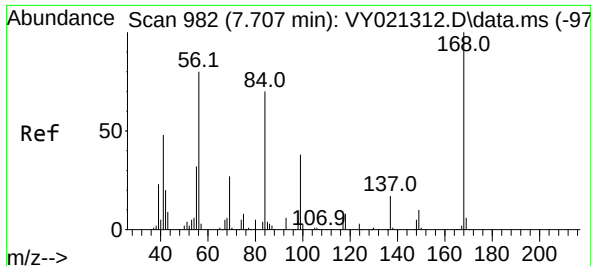
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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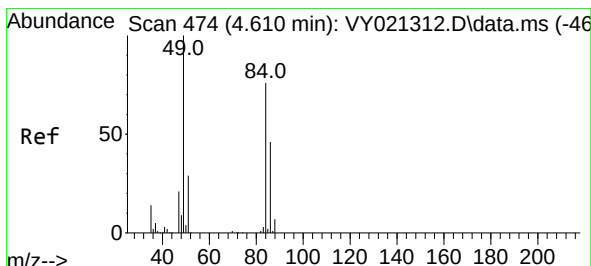
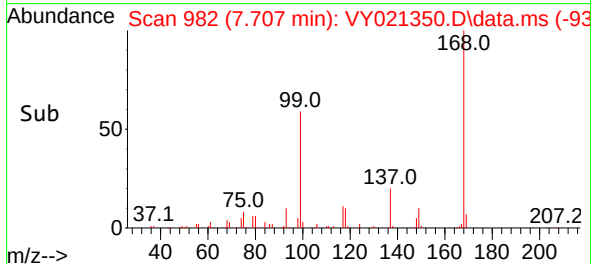
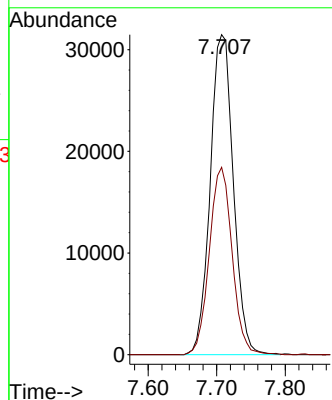
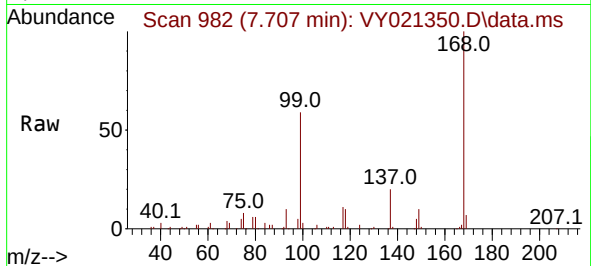




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021350.D
Acq: 27 Feb 2025 12:04

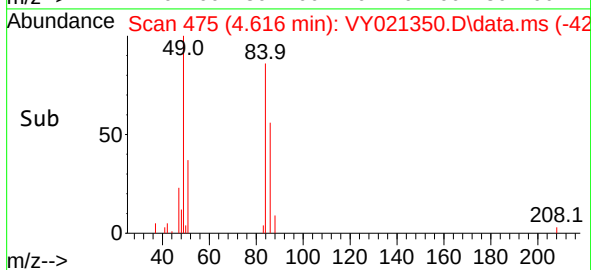
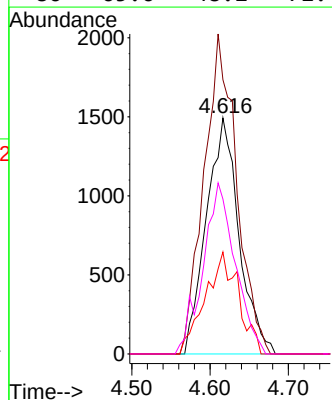
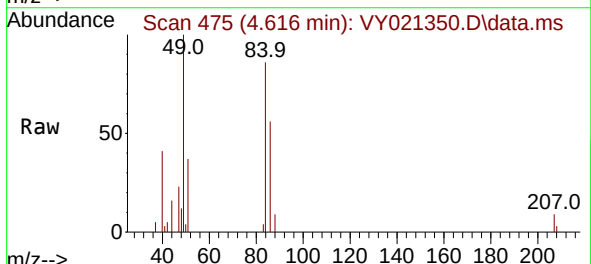
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

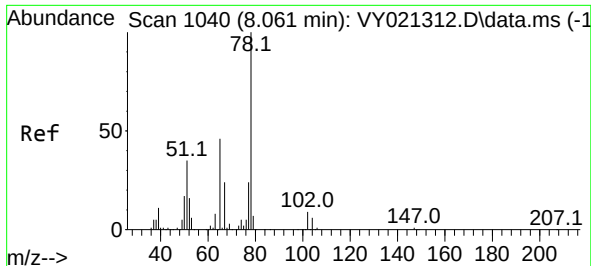
Tgt Ion:168 Resp: 73905
Ion Ratio Lower Upper
168 100
99 58.6 47.1 70.7



#20
Methylene Chloride
Concen: 4.978 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021350.D
Acq: 27 Feb 2025 12:04

Tgt Ion: 84 Resp: 4329
Ion Ratio Lower Upper
84 100
49 116.2 105.1 157.7
51 43.1 31.0 46.4
86 65.6 48.2 72.4

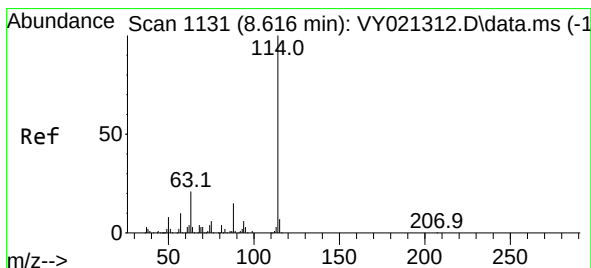
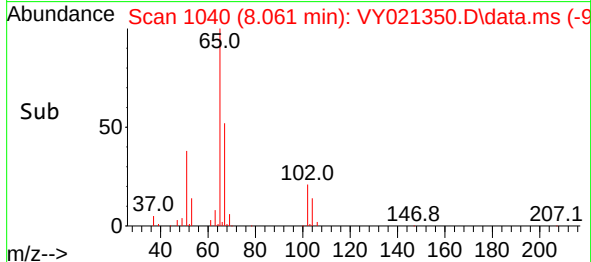
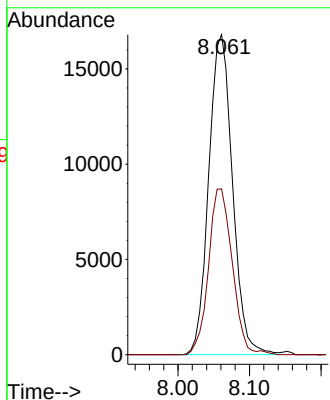
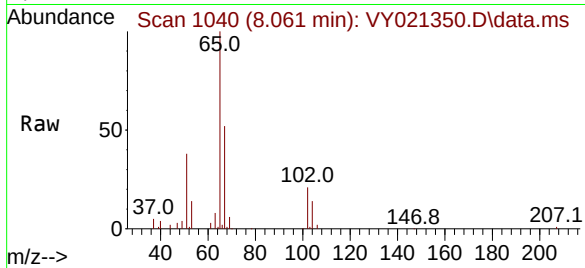




#33
 1,2-Dichloroethane-d4
 Concen: 46.278 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021350.D
 Acq: 27 Feb 2025 12:04

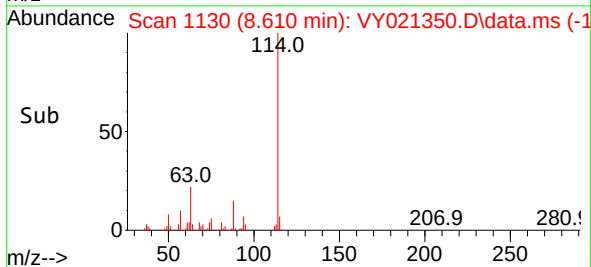
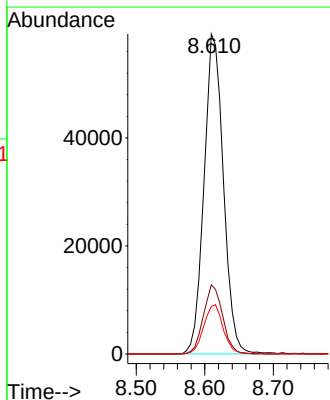
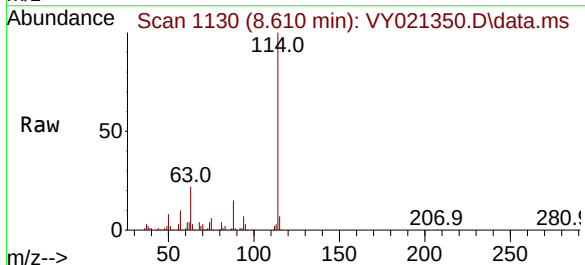
Instrument :
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 NB-07-022525

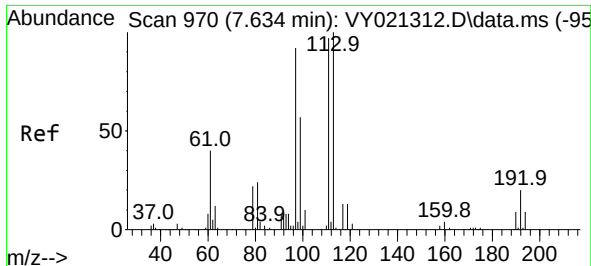
Tgt Ion: 65 Resp: 38799
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY021350.D
 Acq: 27 Feb 2025 12:04

Tgt Ion:114 Resp: 116971
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.2
 88 14.9 0.0 29.8

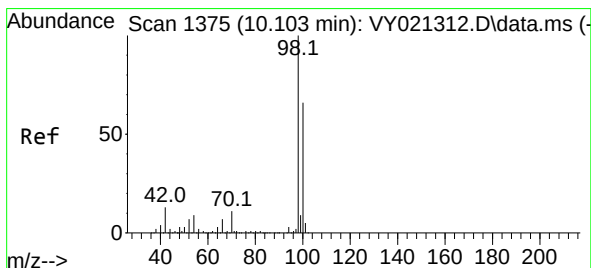
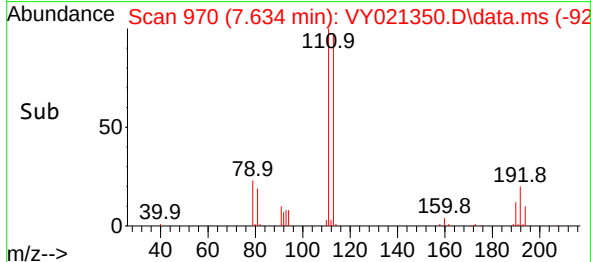
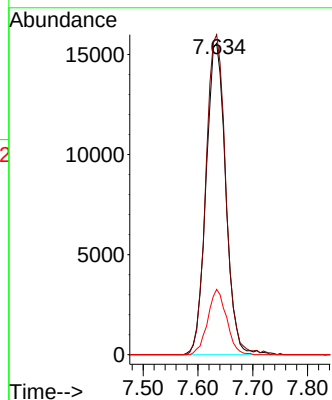
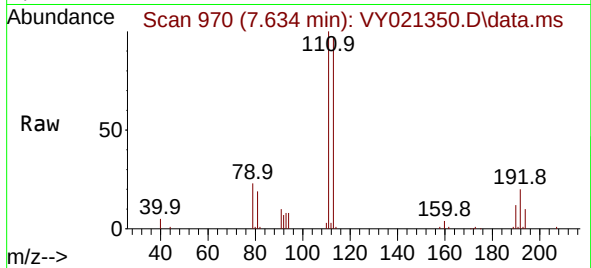




#35
Dibromofluoromethane
Concen: 50.478 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021350.D
Acq: 27 Feb 2025 12:04

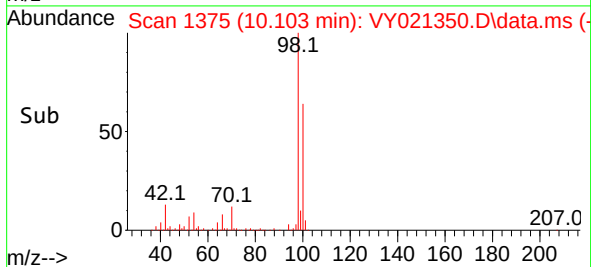
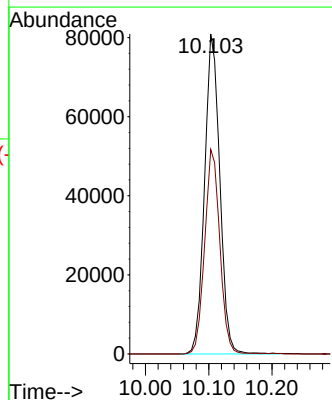
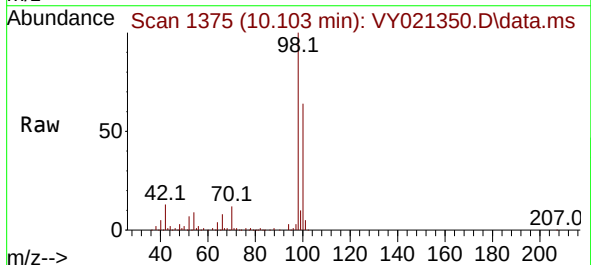
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

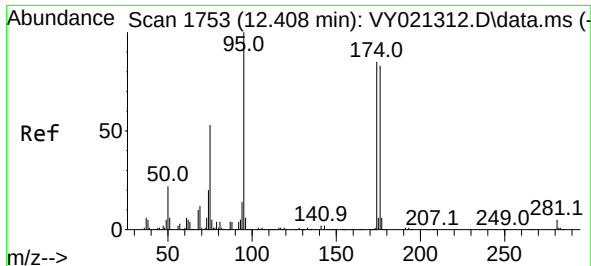
Tgt Ion:113 Resp: 38710
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.6
192 20.1 15.8 23.8



#50
Toluene-d8
Concen: 45.837 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021350.D
Acq: 27 Feb 2025 12:04

Tgt Ion: 98 Resp: 135848
Ion Ratio Lower Upper
98 100
100 63.5 52.4 78.6

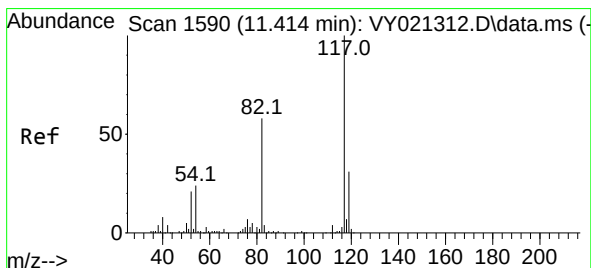
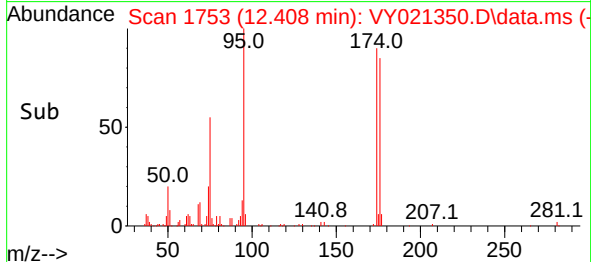
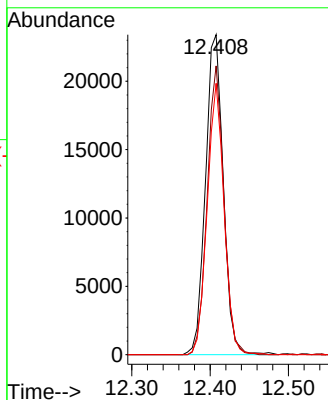
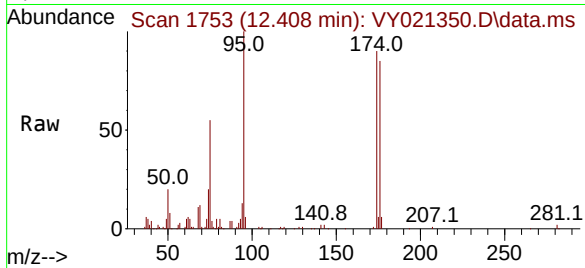




#62
4-Bromofluorobenzene
Concen: 36.957 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021350.D
Acq: 27 Feb 2025 12:04

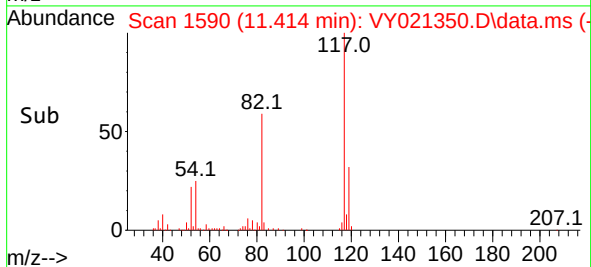
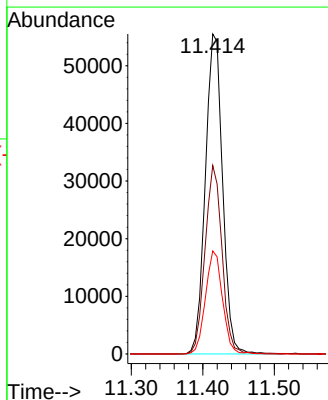
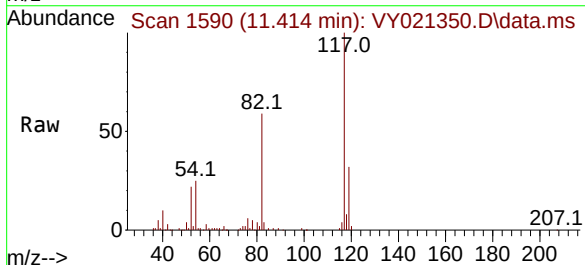
Instrument :
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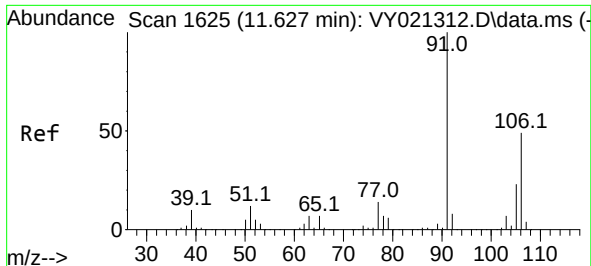
Tgt Ion:	95	Resp:	36862
Ion Ratio	Lower	Upper	
95	100		
174	85.2	0.0	168.0
176	80.3	0.0	162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021350.D
Acq: 27 Feb 2025 12:04

Tgt Ion:	117	Resp:	93008
Ion Ratio	Lower	Upper	
117	100		
82	58.9	46.2	69.4
119	32.2	24.9	37.3

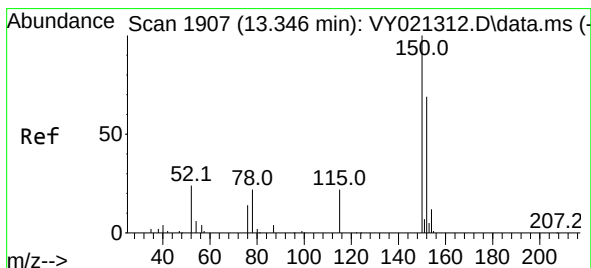
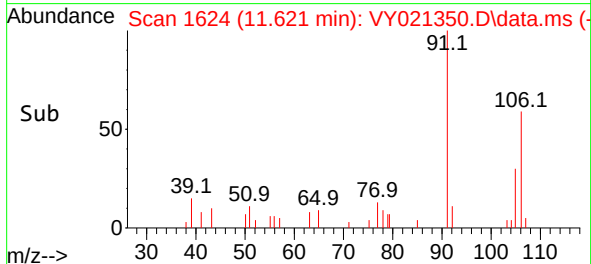
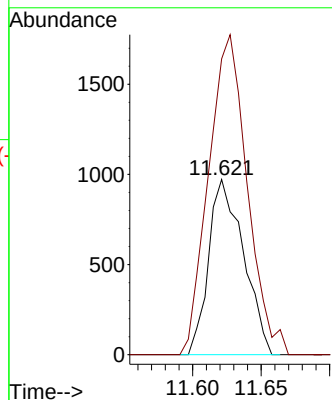
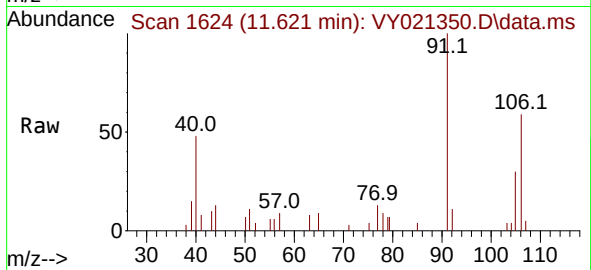




#68
m/p-Xylenes
Concen: 1.236 ug/l
RT: 11.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021350.D
Acq: 27 Feb 2025 12:04

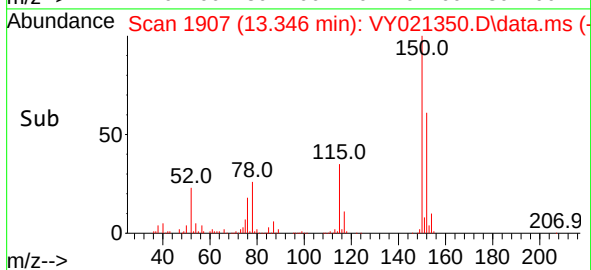
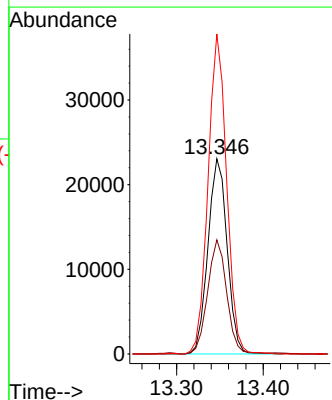
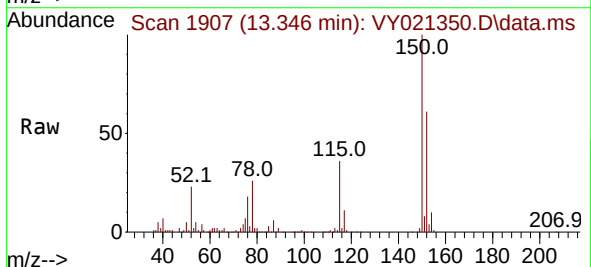
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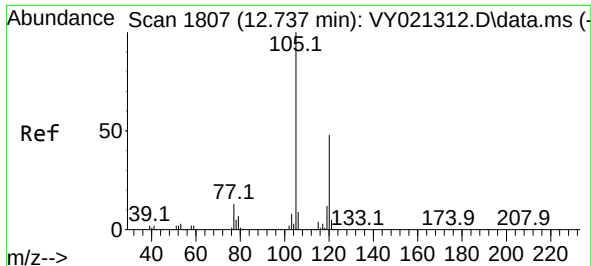
Tgt Ion:106 Resp: 1719
Ion Ratio Lower Upper
106 100
91 202.8 163.9 245.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021350.D
Acq: 27 Feb 2025 12:04

Tgt Ion:152 Resp: 35539
Ion Ratio Lower Upper
152 100
115 58.0 29.3 88.0
150 158.0 0.0 347.4

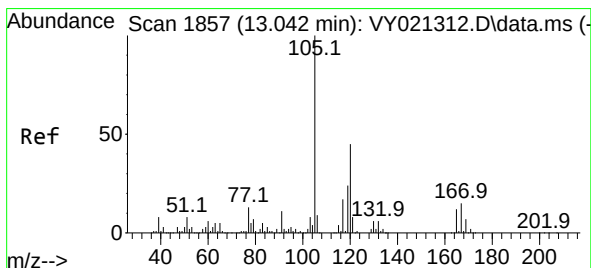
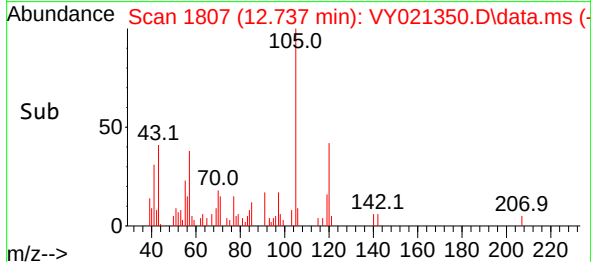
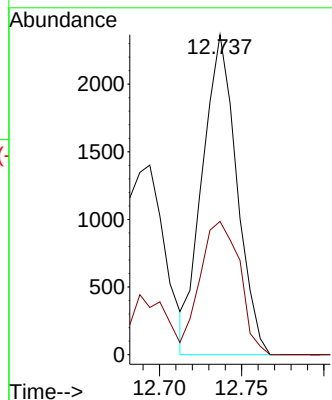
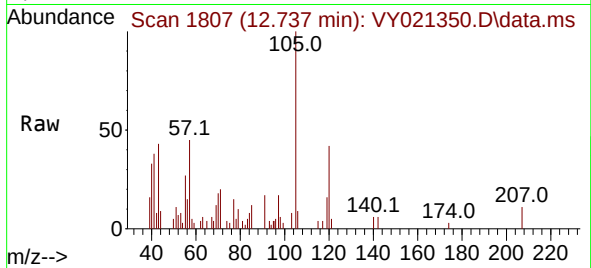




#80
 1,3,5-Trimethylbenzene
 Concen: 1.565 ug/l
 RT: 12.737 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VY021350.D
 Acq: 27 Feb 2025 12:04

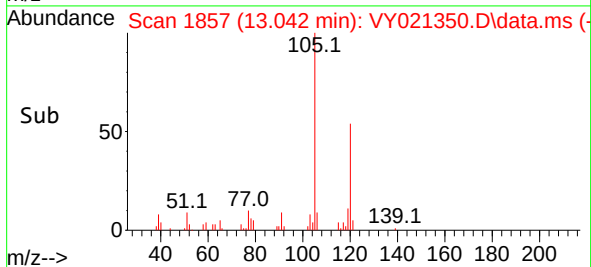
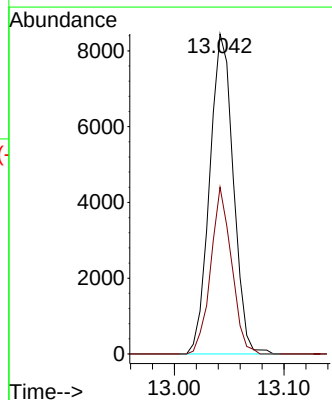
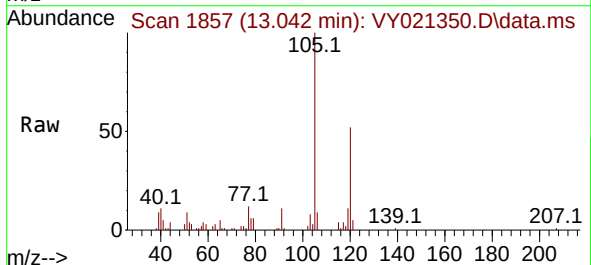
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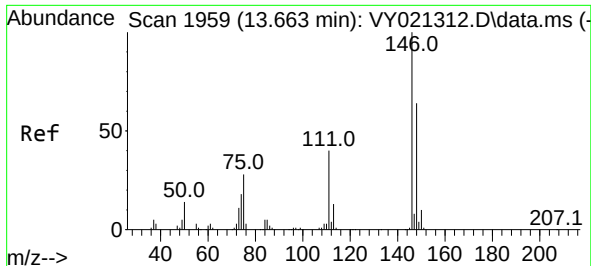
Tgt Ion:105 Resp: 3429
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 73.0



#84
 1,2,4-Trimethylbenzene
 Concen: 5.809 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021350.D
 Acq: 27 Feb 2025 12:04

Tgt Ion:105 Resp: 12659
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.4 67.3

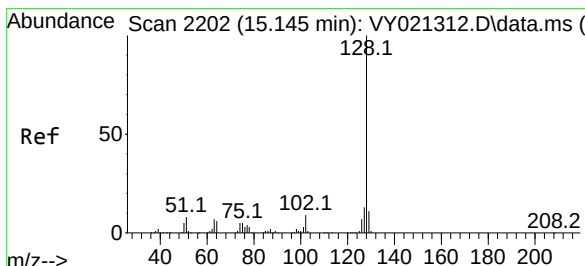
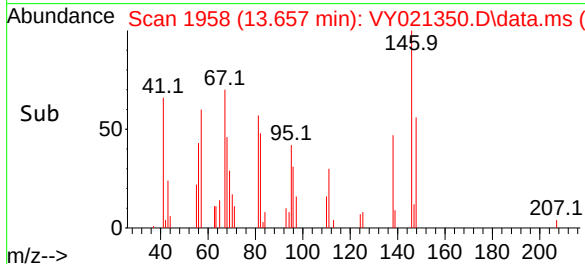
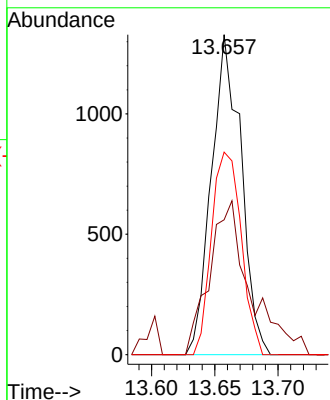
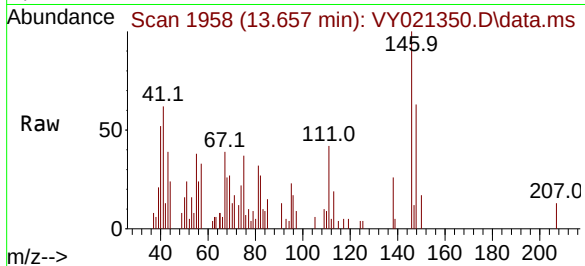




#91
1,2-Dichlorobenzene
Concen: 2.006 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021350.D
Acq: 27 Feb 2025 12:04

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525

Tgt Ion:146 Resp: 2161
Ion Ratio Lower Upper
146 100
111 66.5 20.7 62.1#
148 63.6 31.7 95.1



#95
Naphthalene
Concen: 71.981 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021350.D
Acq: 27 Feb 2025 12:04

Tgt Ion:128 Resp: 78374
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.7 8.5 12.7

