

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012857.D
 Acq On : 07 Mar 2023 20:02
 Operator : KP/MD
 Sample : 01814-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206RE

Quant Time: Mar 07 23:45:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

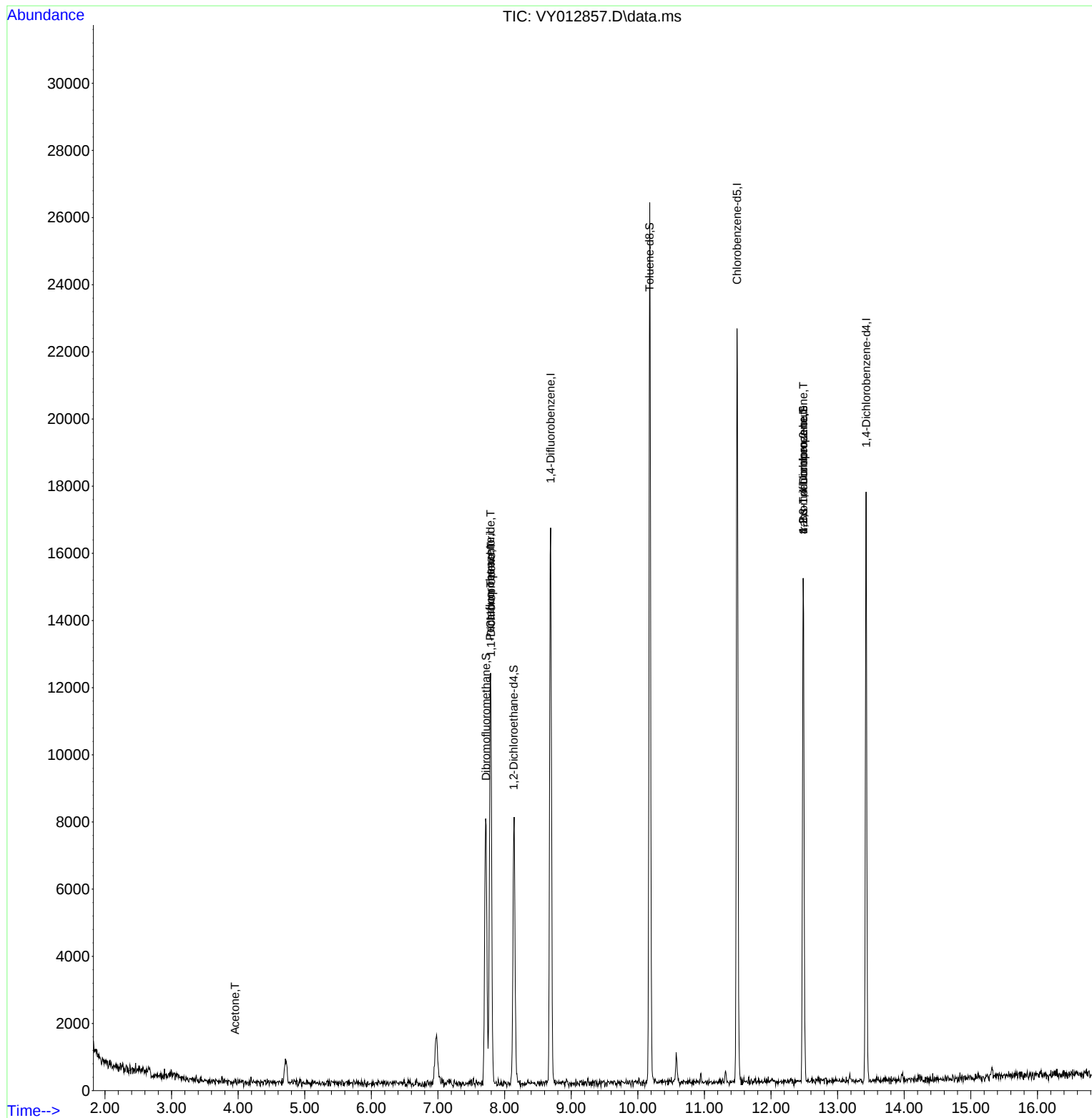
Internal Standards						
1) Pentafluorobenzene	7.783	168	9947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5773	58.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.900%
35) Dibromofluoromethane	7.722	113	5793	66.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.640%
50) Toluene-d8	10.179	98	17101	53.555	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.120%
62) 4-Bromofluorobenzene	12.483	95	4064	37.708	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.420%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	60	1.548	ug/l #	44
20) Methylene Chloride	4.722	84	530	Below Cal	#	63
36) 1,1-Dichloropropene	7.795	75	767	5.240	ug/l #	41
38) Carbon Tetrachloride	7.789	117	1015	6.715	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2263	38.307	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2263	79.374	ug/l #	13

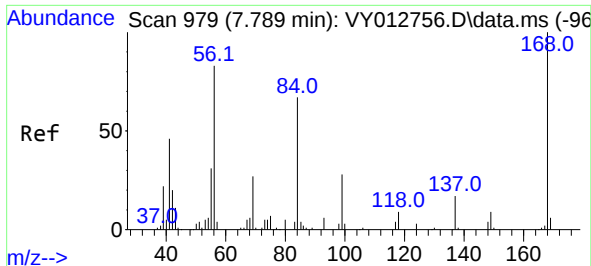
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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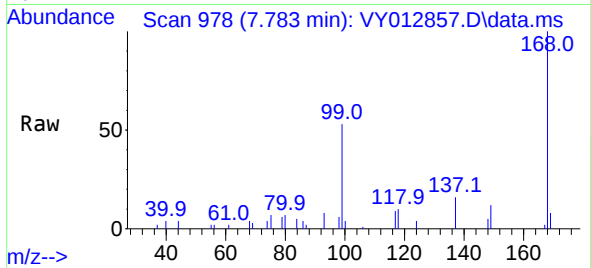
Quant Time: Mar 07 23:45:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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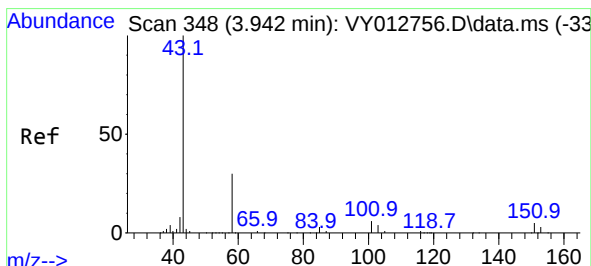
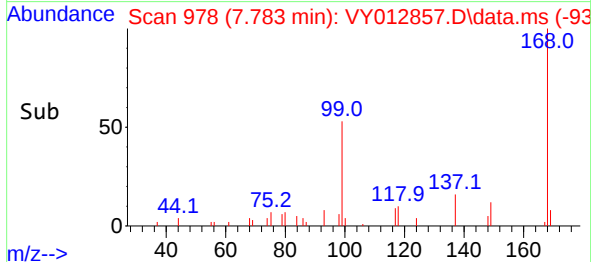
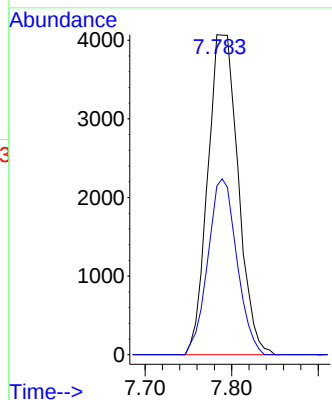


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206RE

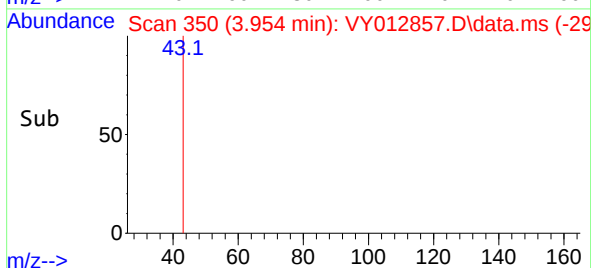
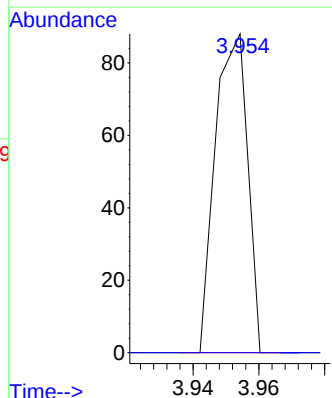
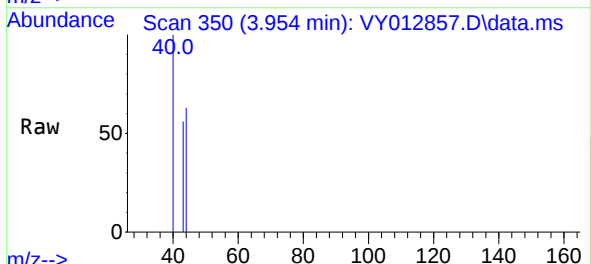


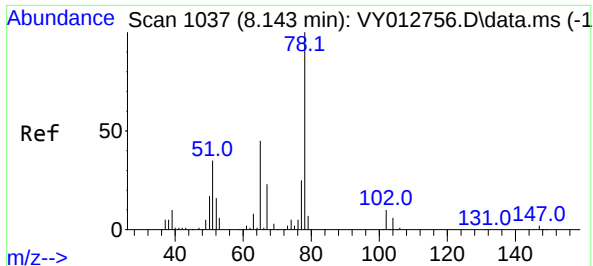
Tgt Ion:168 Resp: 9947
Ion Ratio Lower Upper
168 100
99 52.7 41.7 62.5



#16
Acetone
Concen: 1.548 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#





#33

1,2-Dichloroethane-d4

Concen: 58.454 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012857.D

Acq: 07 Mar 2023 20:02

Instrument :

MSVOA_Y

ClientSampleId :

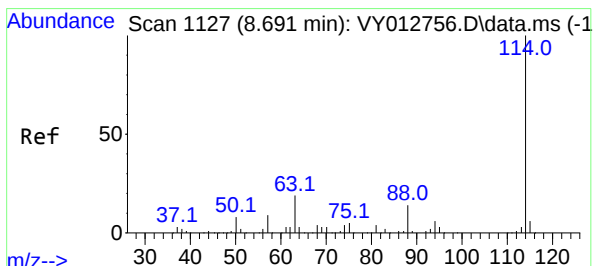
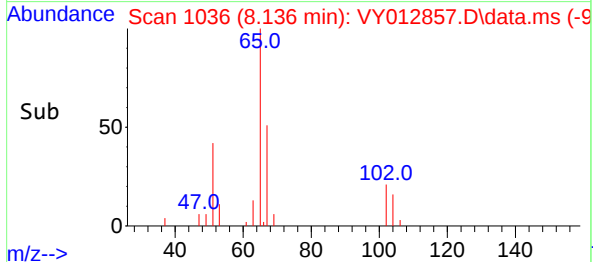
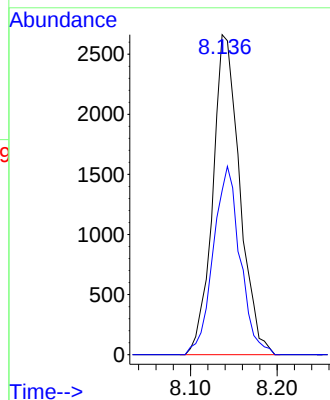
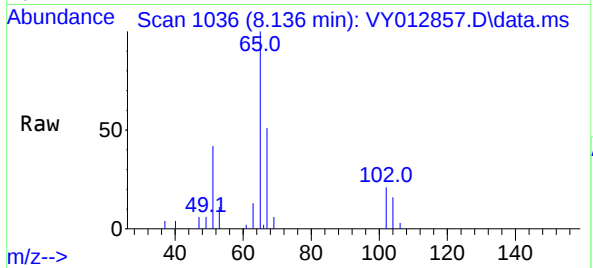
VNJ-206RE

Tgt Ion: 65 Resp: 5773

Ion Ratio Lower Upper

65 100

67 58.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012857.D

Acq: 07 Mar 2023 20:02

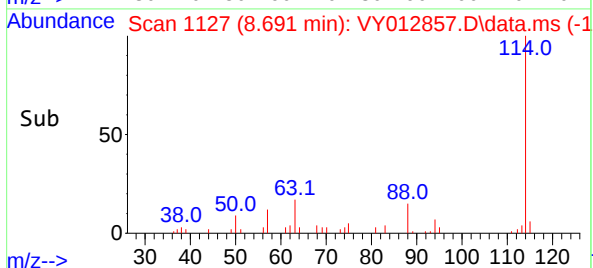
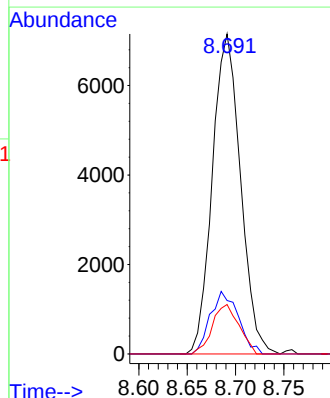
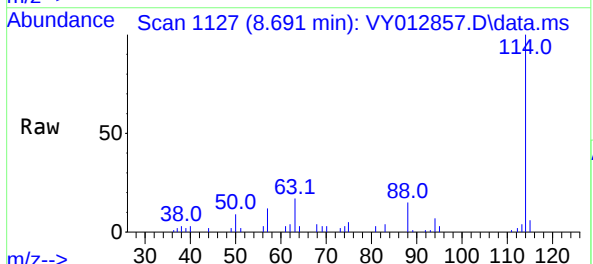
Tgt Ion: 114 Resp: 14473

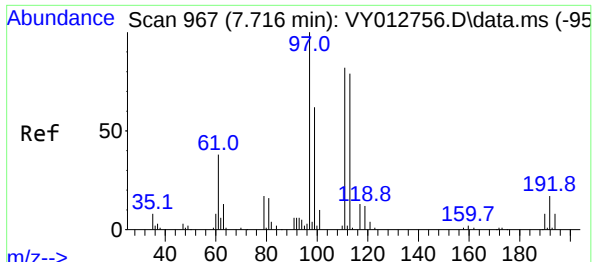
Ion Ratio Lower Upper

114 100

63 16.7 0.0 37.4

88 15.4 0.0 28.6

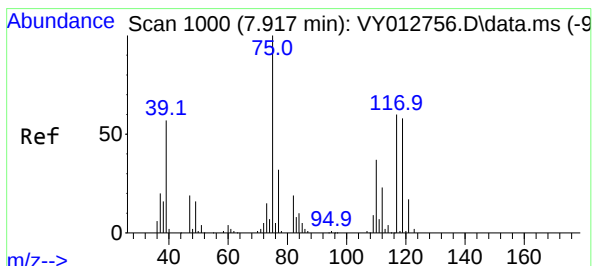
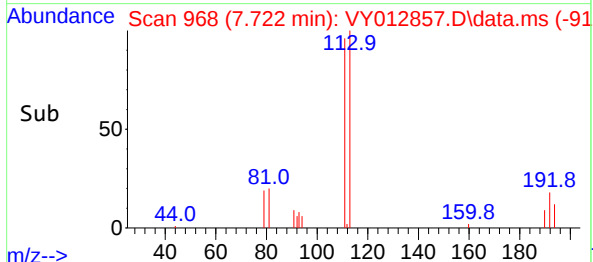
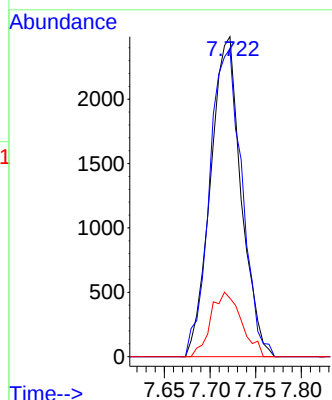
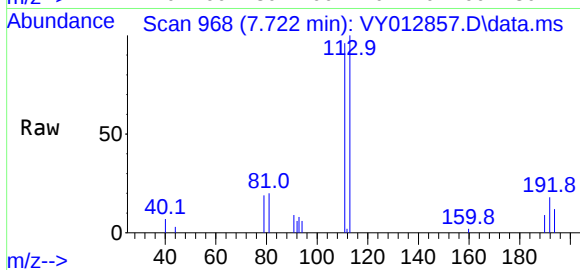




#35
 Dibromofluoromethane
 Concen: 66.324 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY012857.D
 Acq: 07 Mar 2023 20:02

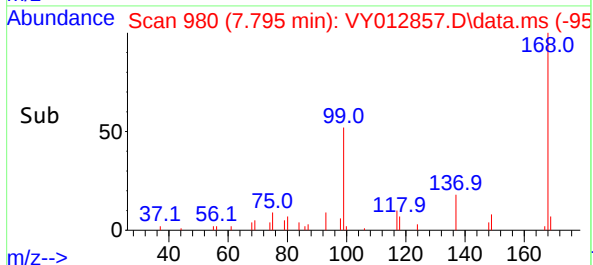
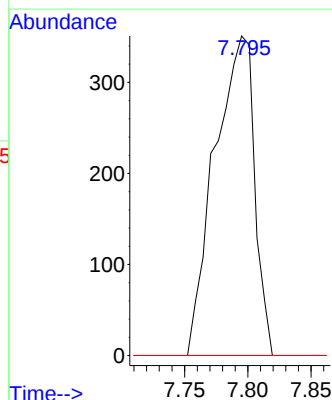
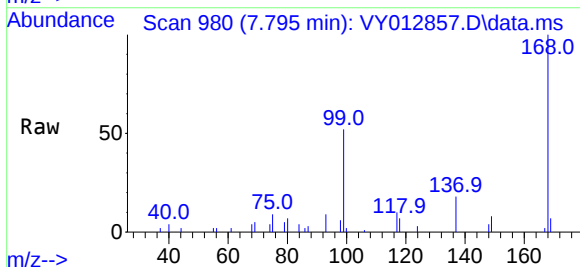
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206RE

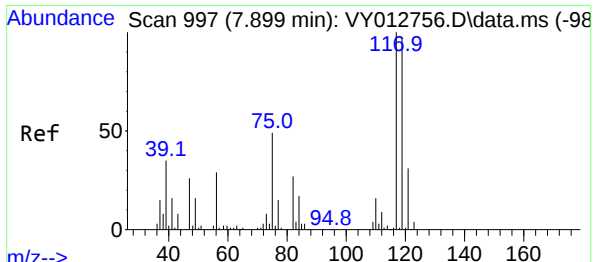
Tgt Ion:113 Resp: 5793
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 20.1 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 5.240 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.122 min
 Lab File: VY012857.D
 Acq: 07 Mar 2023 20:02

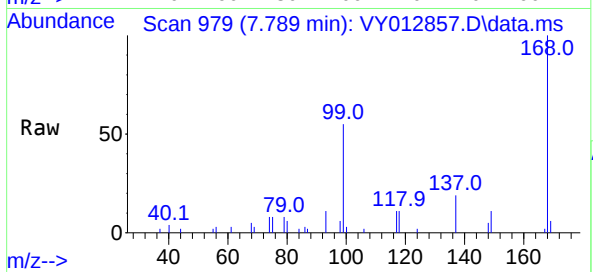
Tgt Ion: 75 Resp: 767
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.8 53.3#
 77 0.0 25.0 37.4#



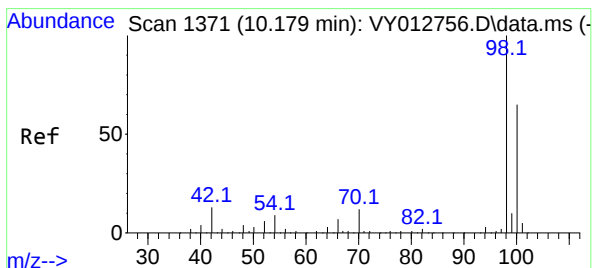
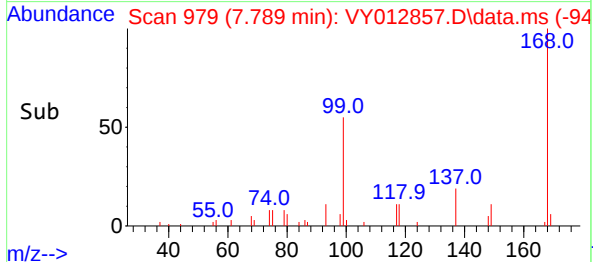
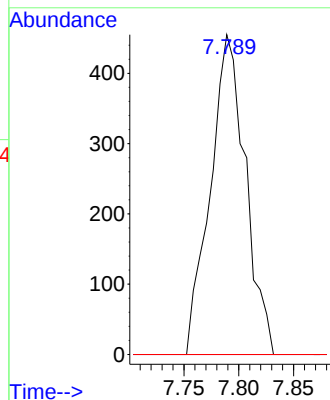


#38
Carbon Tetrachloride
Concen: 6.715 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206RE

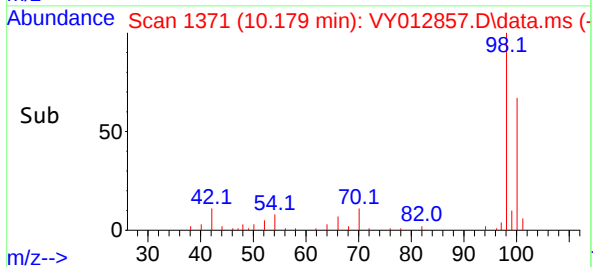
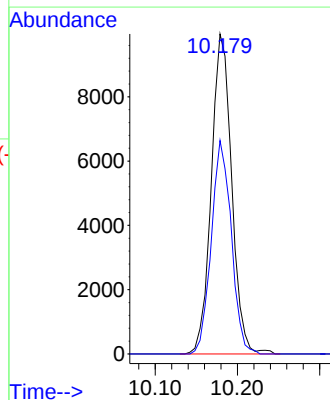
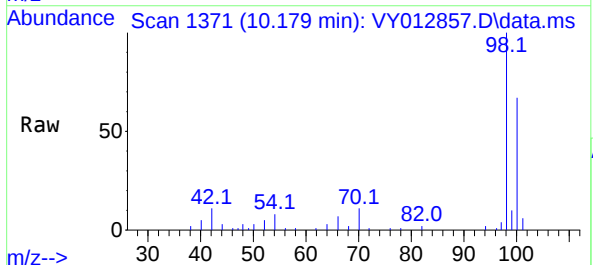


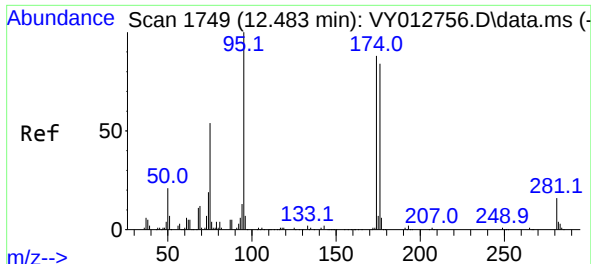
Tgt Ion:117 Resp: 1015
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.555 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

Tgt Ion: 98 Resp: 17101
Ion Ratio Lower Upper
98 100
100 65.4 50.9 76.3

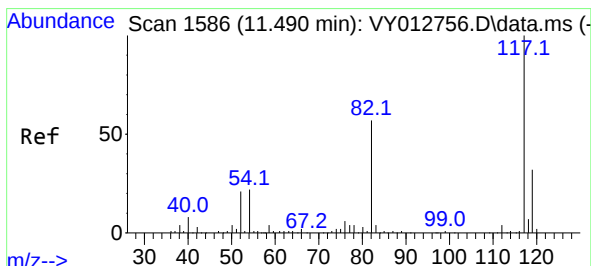
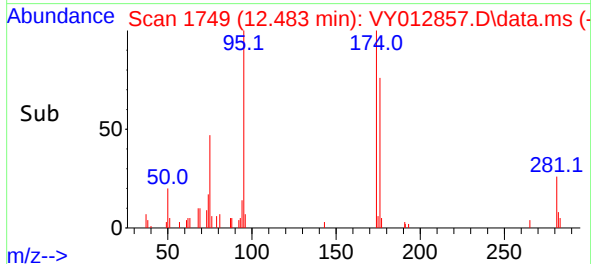
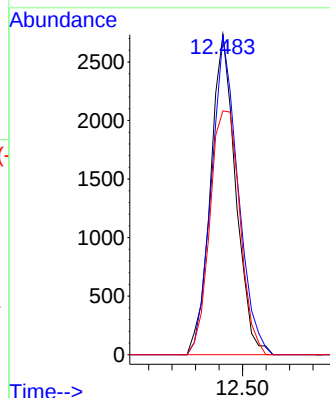
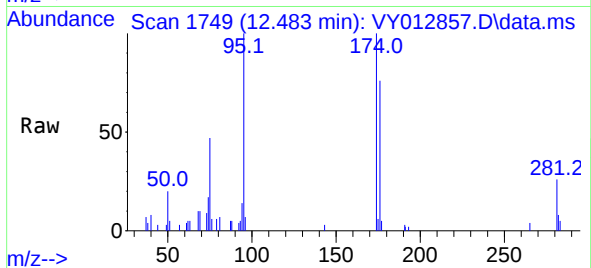




#62
4-Bromofluorobenzene
Concen: 37.708 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

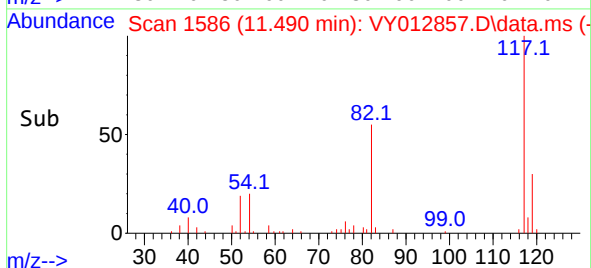
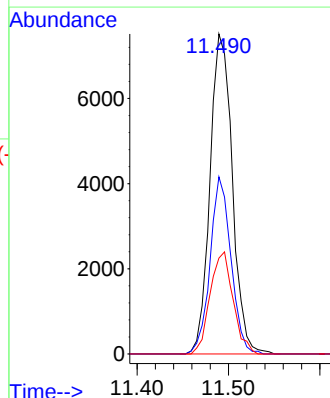
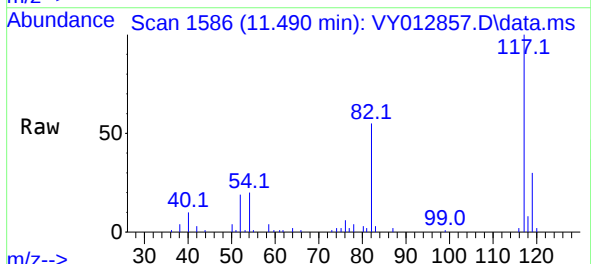
Instrument :
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ClientSampleId :
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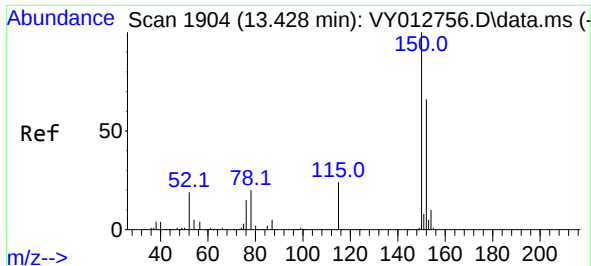
Tgt Ion:	95	Resp:	4064
Ion	Ratio	Lower	Upper
95	100		
174	104.7	0.0	176.6
176	90.5	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

Tgt Ion:	117	Resp:	12739
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.4	68.0
119	30.0	25.6	38.4

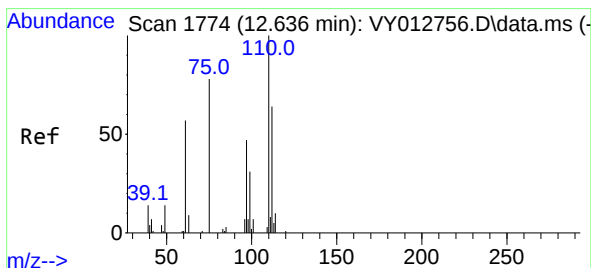
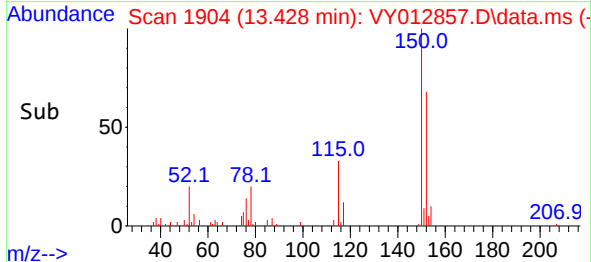
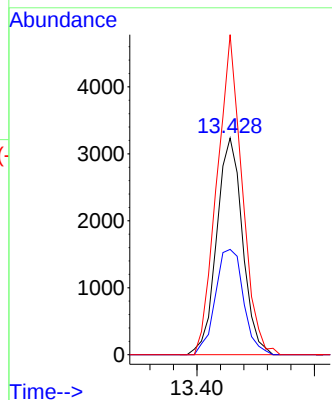
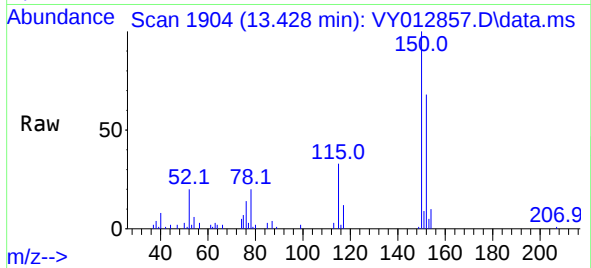




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

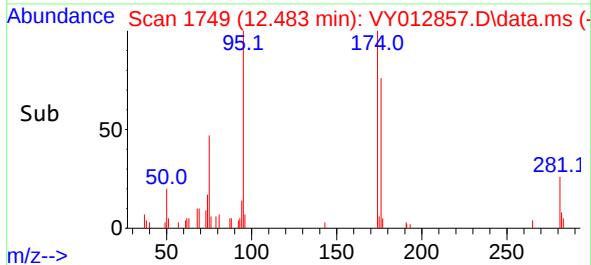
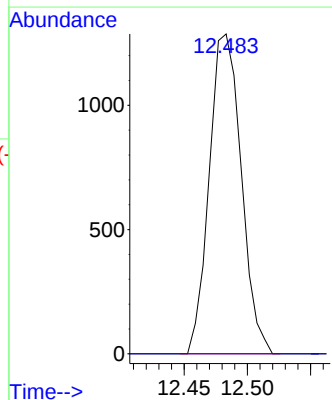
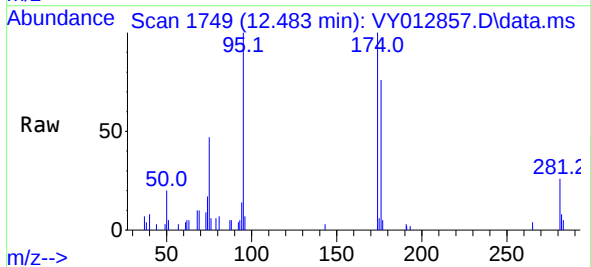
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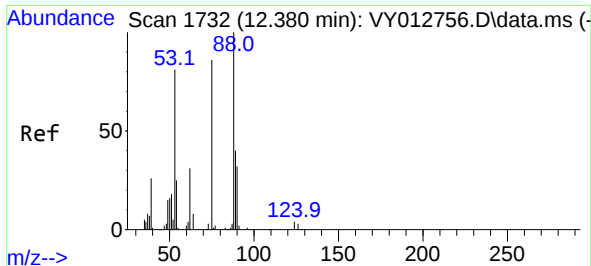
Tgt Ion:152 Resp: 4947
Ion Ratio Lower Upper
152 100
115 52.8 27.1 81.3
150 143.5 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 38.307 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012857.D
Acq: 07 Mar 2023 20:02

Tgt Ion: 75 Resp: 2263
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.374 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012857.D
 Acq: 07 Mar 2023 20:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206RE

Tgt Ion: 75 Resp: 2263
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

