

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078439.D
 Acq On : 15 Feb 2024 16:46
 Operator : RP/MD
 Sample : P1471-01
 Misc : 5.03G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 30992

Quant Time: Feb 16 02:37:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

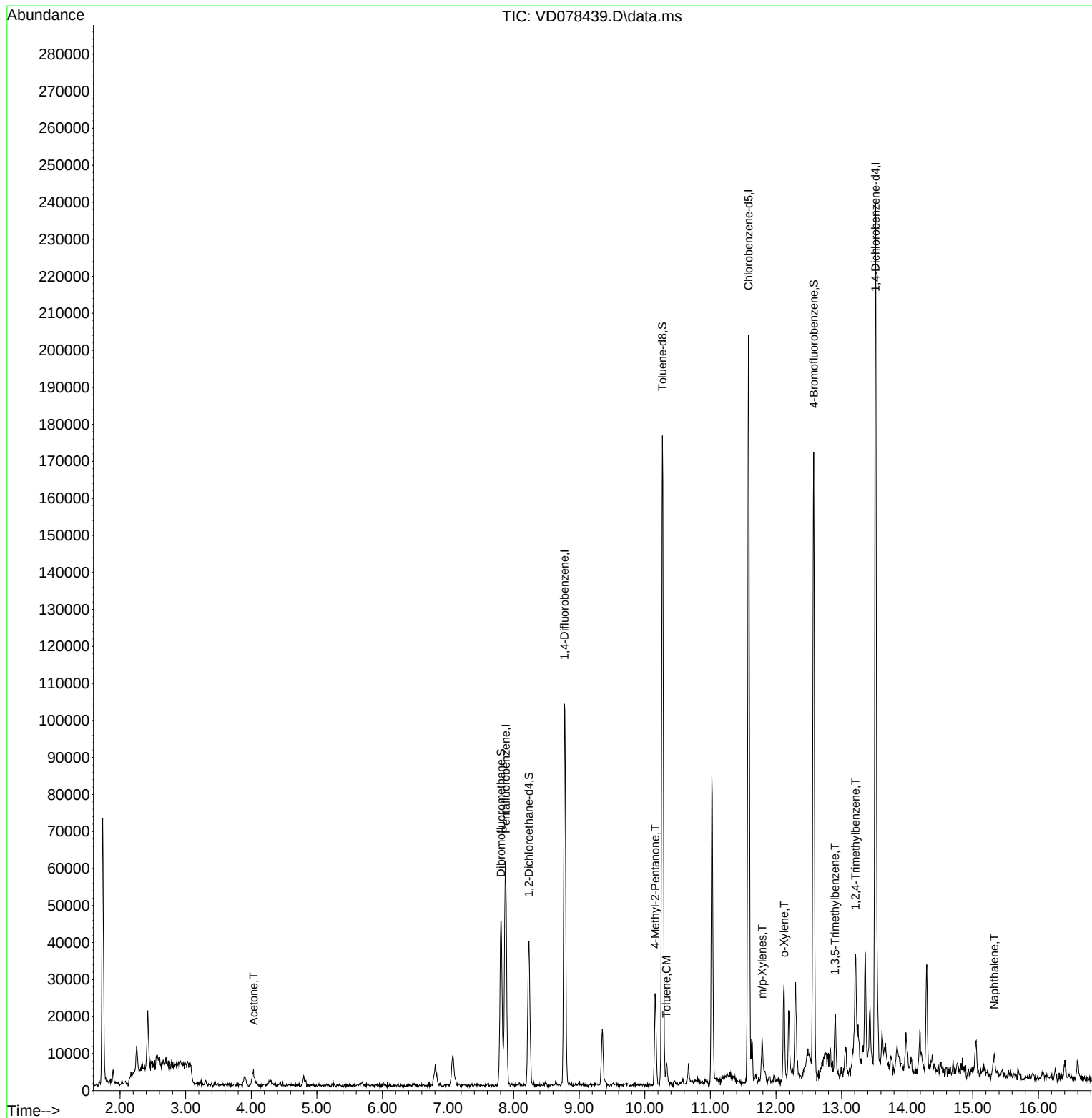
Internal Standards						
1) Pentafluorobenzene	7.881	168	47840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	94975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29891	57.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.580%	
35) Dibromofluoromethane	7.810	113	33486	55.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.000%	
50) Toluene-d8	10.269	98	127709	52.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	12.575	95	53019	75.494	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 150.980%#	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	6236	41.985	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	14843	45.969	ug/l	93
52) Toluene	10.328	92	2724	1.590	ug/l	97
68) m/p-Xylenes	11.793	106	3191	1.892	ug/l	93
69) o-Xylene	12.128	106	6823	4.432	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	6824	1.945	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	11829	3.323	ug/l	96
95) Naphthalene	15.328	128	4526	2.334	ug/l #	90

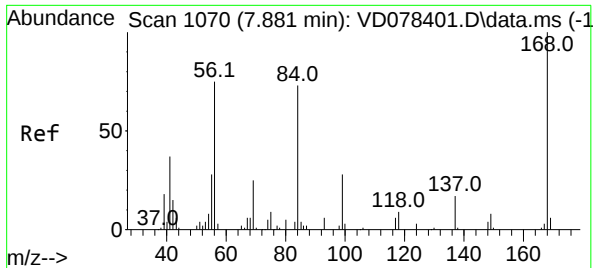
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

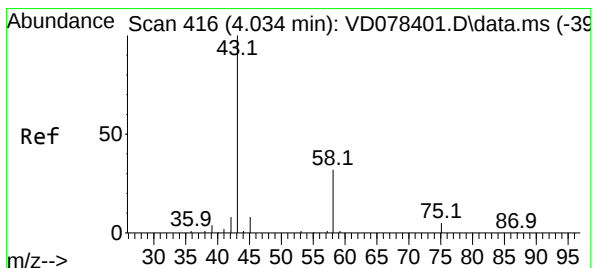
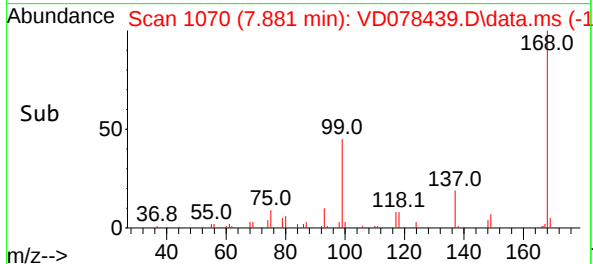
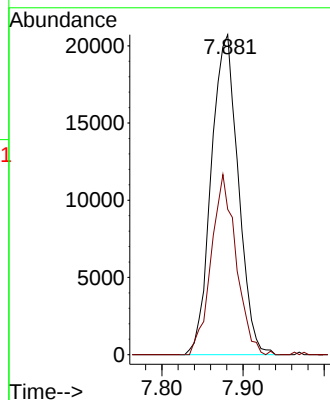
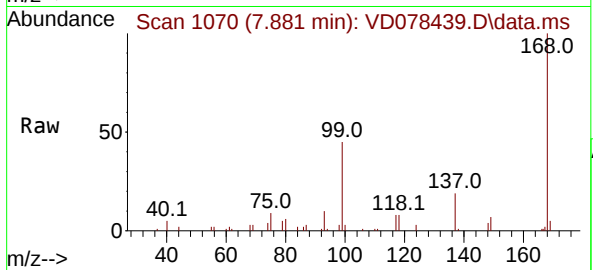




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078439.D
Acq: 15 Feb 2024 16:46

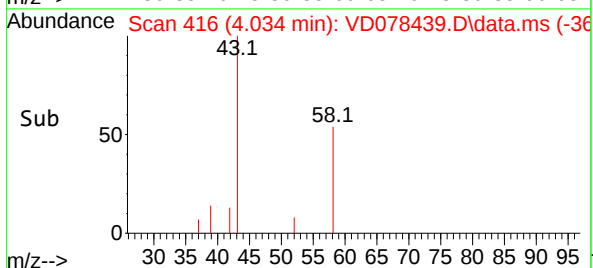
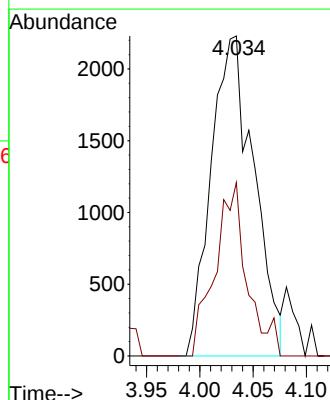
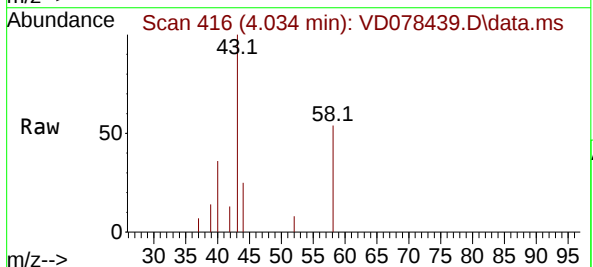
Instrument :
MSVOA_D
ClientSampleId :
30992

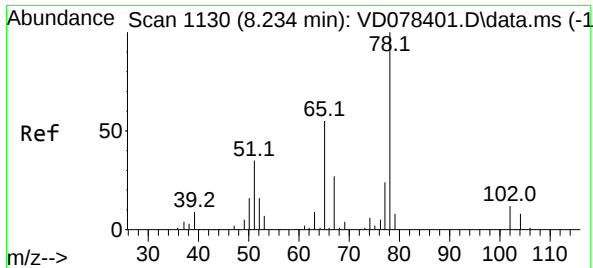
Tgt Ion:168 Resp: 47840
Ion Ratio Lower Upper
168 100
99 45.4 36.7 55.1



#16
Acetone
Concen: 41.985 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078439.D
Acq: 15 Feb 2024 16:46

Tgt Ion: 43 Resp: 6236
Ion Ratio Lower Upper
43 100
58 54.2 34.7 52.1#

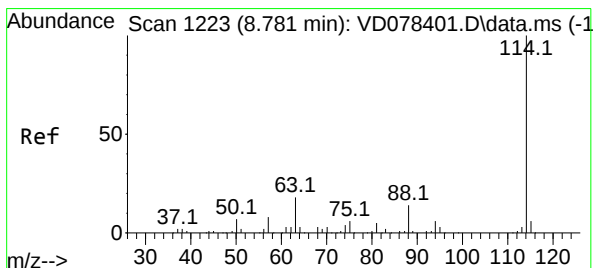
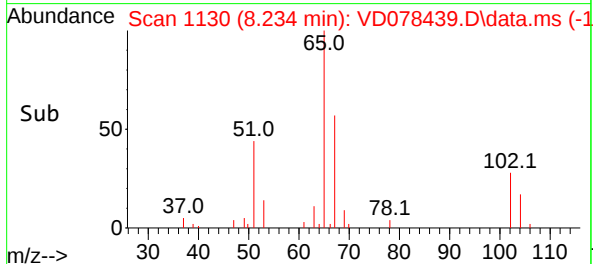
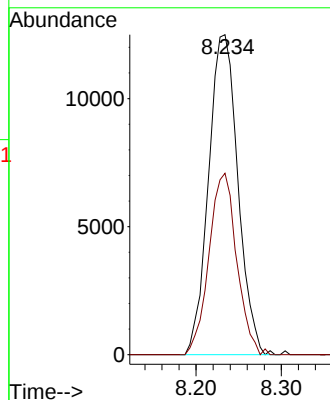
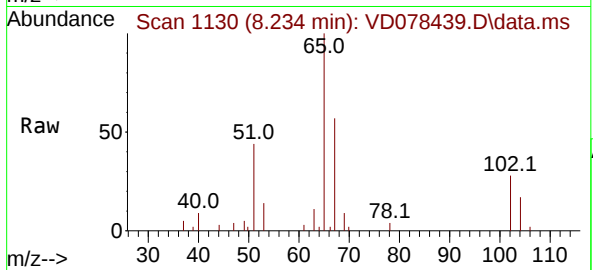




#33
 1,2-Dichloroethane-d4
 Concen: 57.786 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078439.D
 Acq: 15 Feb 2024 16:46

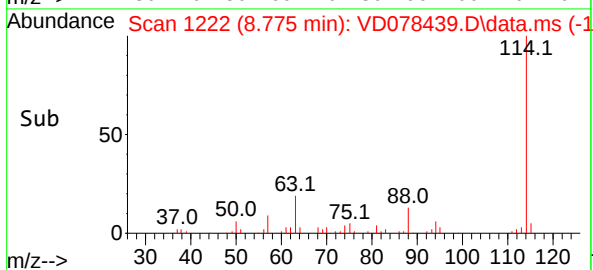
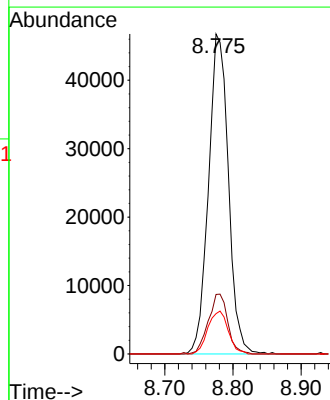
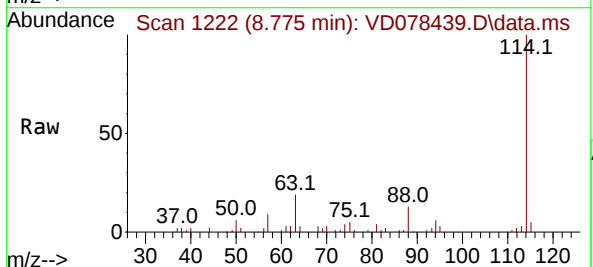
Instrument :
 MSVOA_D
 ClientSampleId :
 30992

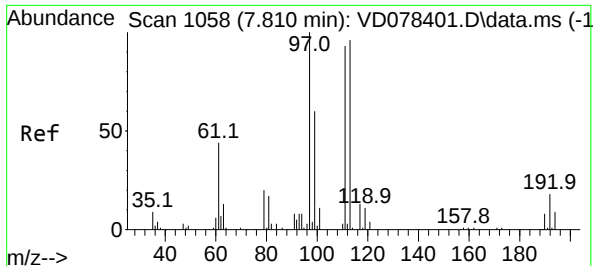
Tgt Ion: 65 Resp: 29891
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD078439.D
 Acq: 15 Feb 2024 16:46

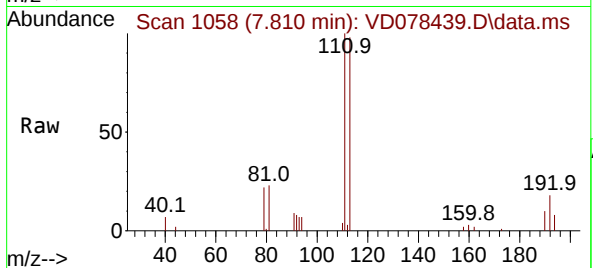
Tgt Ion: 114 Resp: 94975
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 33.4
 88 12.6 0.0 26.2



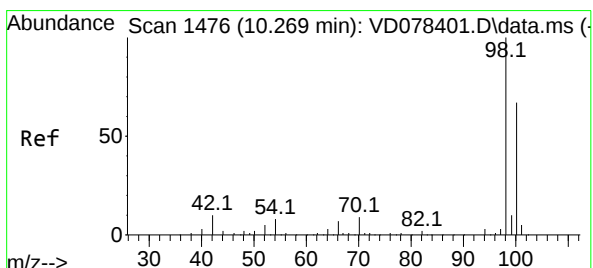
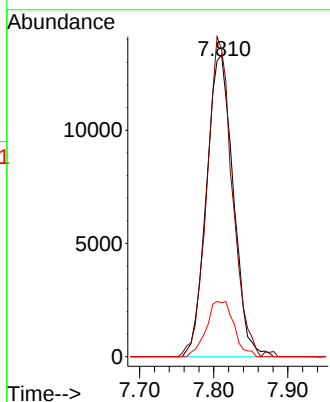
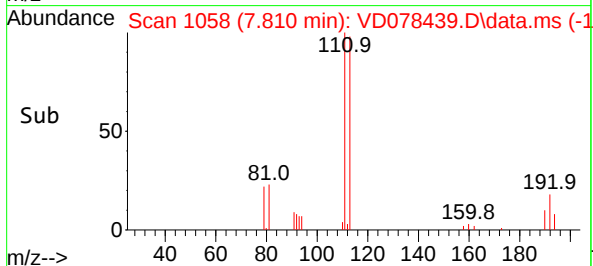


#35
 Dibromofluoromethane
 Concen: 55.505 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VD078439.D
 Acq: 15 Feb 2024 16:46

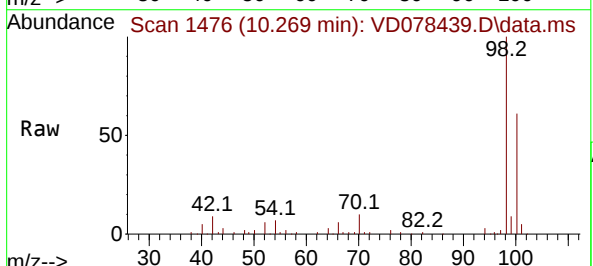
Instrument :
 MSVOA_D
 ClientSampleId :
 30992



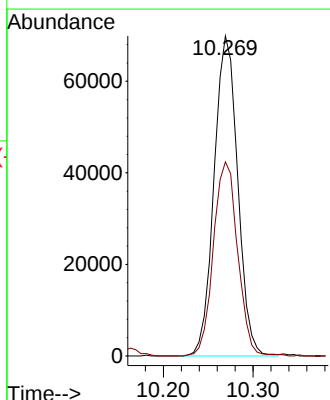
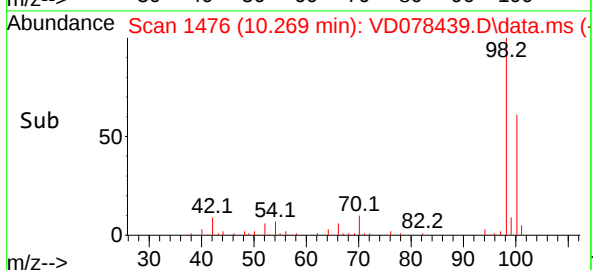
Tgt Ion:113 Resp: 33486
 Ion Ratio Lower Upper
 113 100
 111 99.7 84.7 127.1
 192 18.8 16.8 25.2

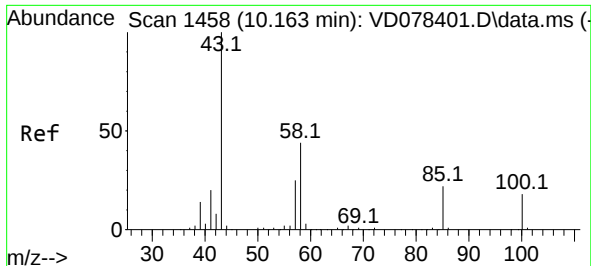


#50
 Toluene-d8
 Concen: 52.918 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD078439.D
 Acq: 15 Feb 2024 16:46



Tgt Ion: 98 Resp: 127709
 Ion Ratio Lower Upper
 98 100
 100 62.2 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 45.969 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD078439.D

Acq: 15 Feb 2024 16:46

Instrument :

MSVOA_D

ClientSampleId :

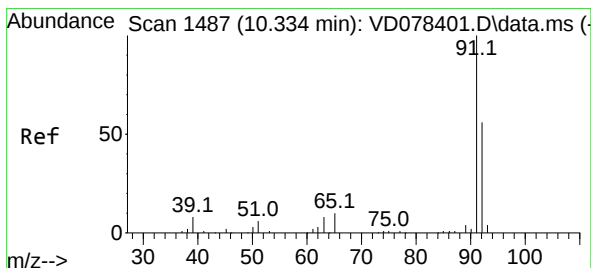
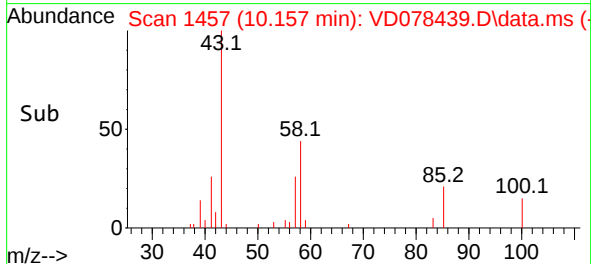
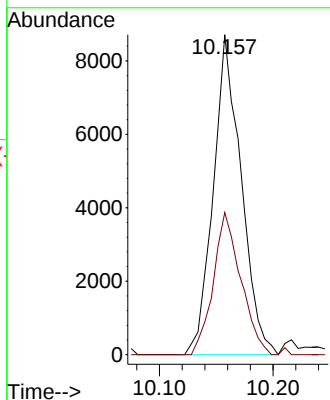
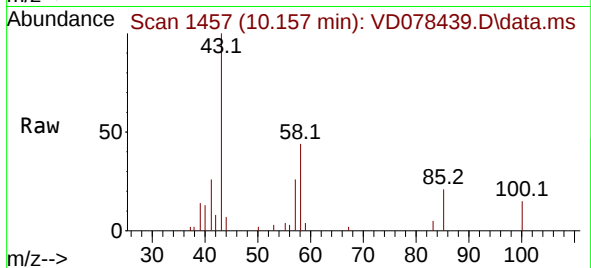
30992

Tgt Ion: 43 Resp: 14843

Ion Ratio Lower Upper

43 100

58 43.9 38.9 58.3



#52

Toluene

Concen: 1.590 ug/l

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD078439.D

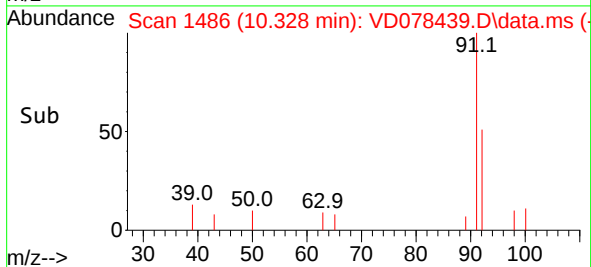
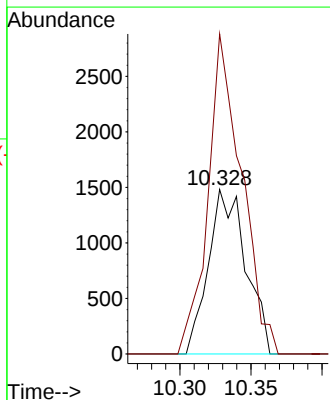
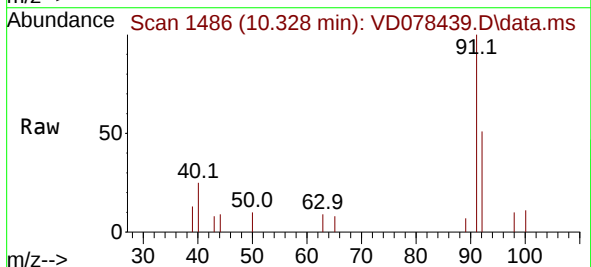
Acq: 15 Feb 2024 16:46

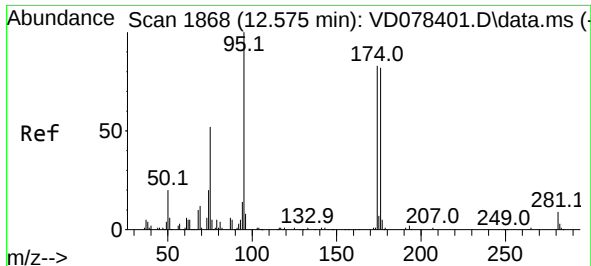
Tgt Ion: 92 Resp: 2724

Ion Ratio Lower Upper

92 100

91 174.2 143.0 214.4

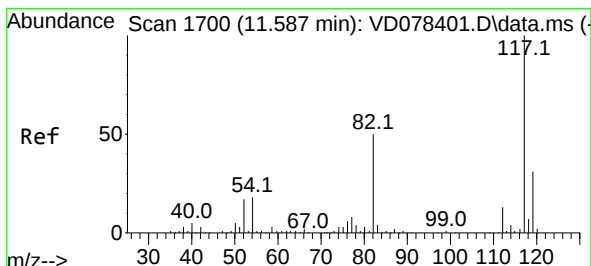
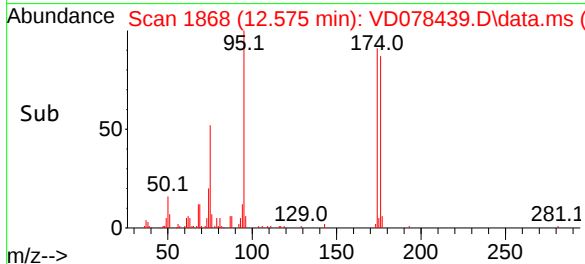
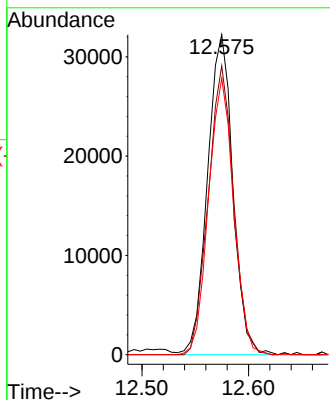
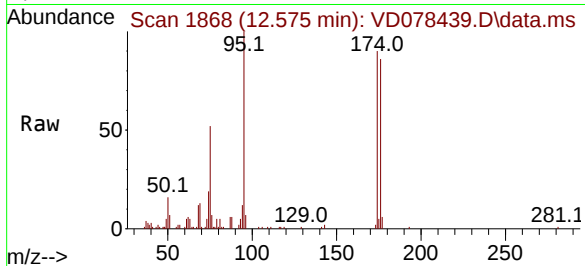




#62
4-Bromofluorobenzene
Concen: 75.494 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078439.D
Acq: 15 Feb 2024 16:46

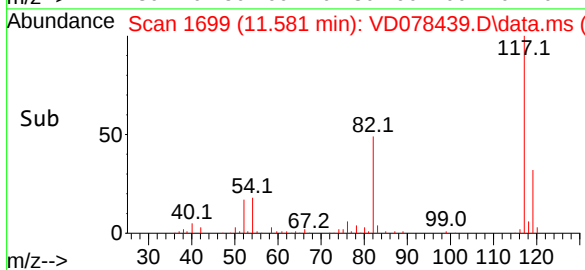
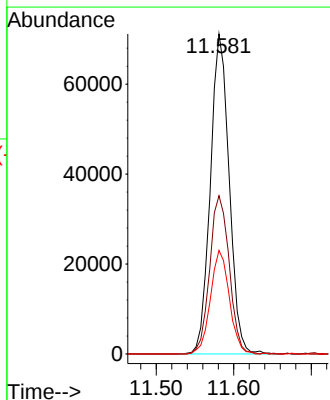
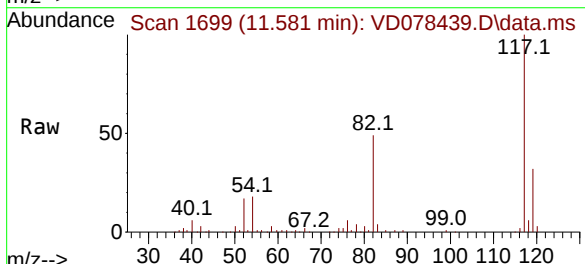
Instrument :
MSVOA_D
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30992

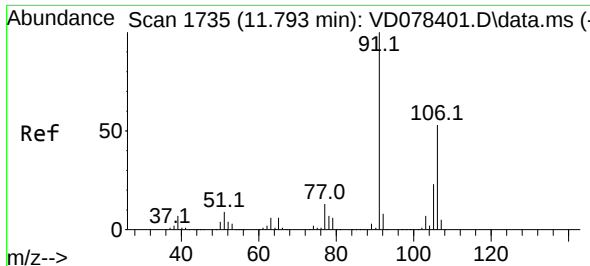
Tgt Ion:	95	Resp:	53019
Ion Ratio	Lower	Upper	
95	100		
174	90.1	0.0	201.8
176	85.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078439.D
Acq: 15 Feb 2024 16:46

Tgt Ion:	117	Resp:	120065
Ion Ratio	Lower	Upper	
117	100		
82	49.5	38.3	57.5
119	32.3	25.0	37.4

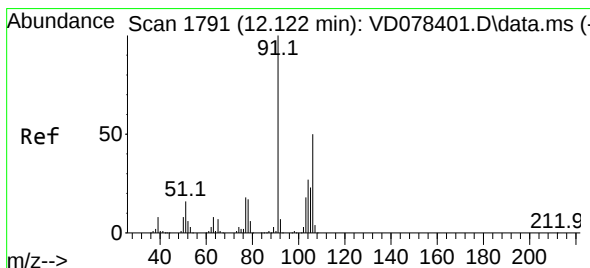
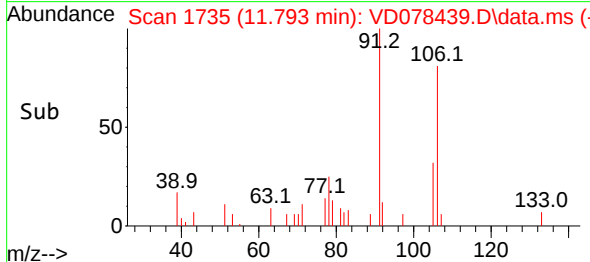
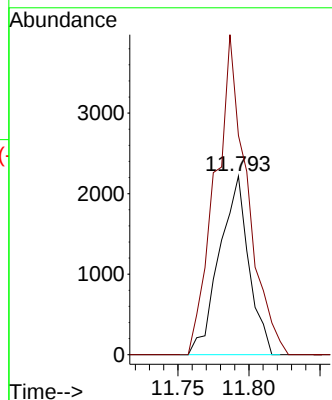
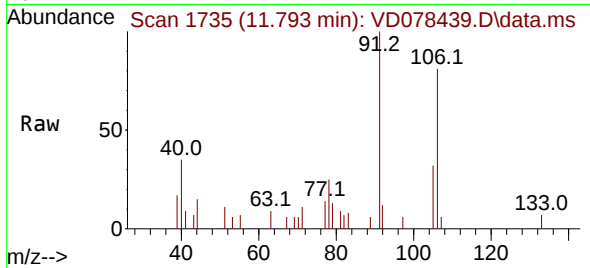




#68
m/p-Xylenes
Concen: 1.892 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078439.D
Acq: 15 Feb 2024 16:46

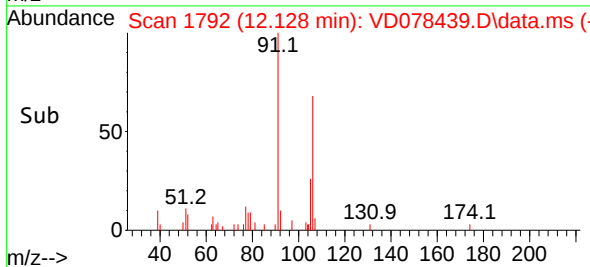
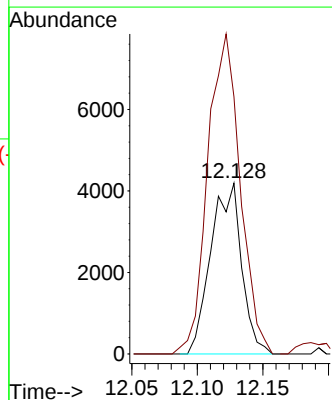
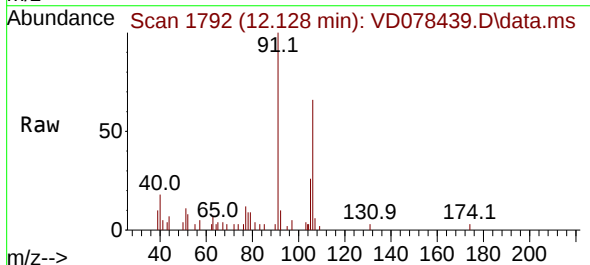
Instrument :
MSVOA_D
ClientSampleId :
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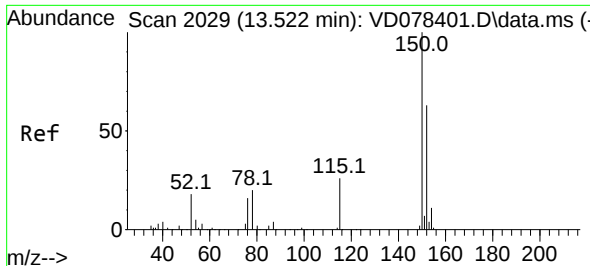
Tgt Ion:106 Resp: 3191
Ion Ratio Lower Upper
106 100
91 194.5 147.0 220.6



#69
o-Xylene
Concen: 4.432 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD078439.D
Acq: 15 Feb 2024 16:46

Tgt Ion:106 Resp: 6823
Ion Ratio Lower Upper
106 100
91 198.3 97.9 293.6

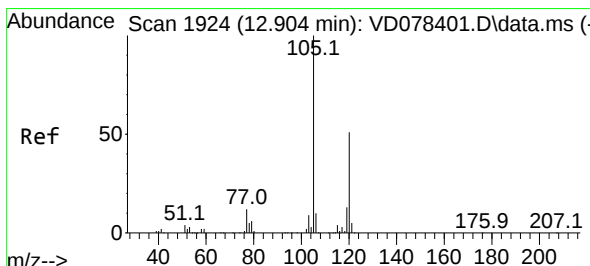
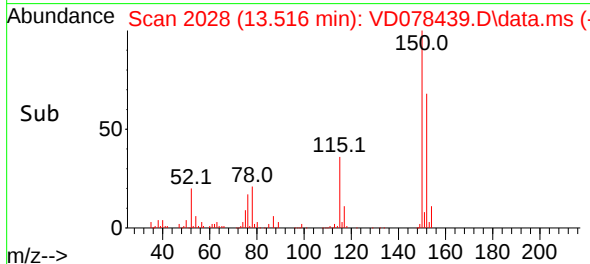
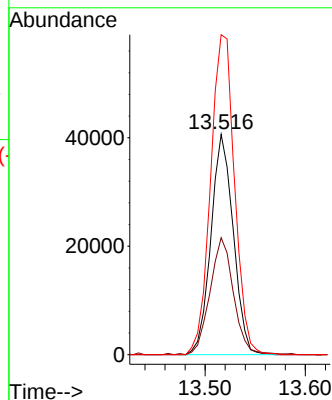
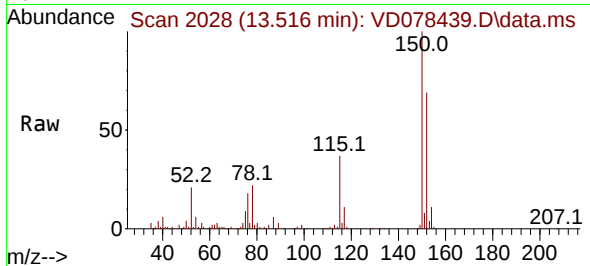




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD078439.D
Acq: 15 Feb 2024 16:46

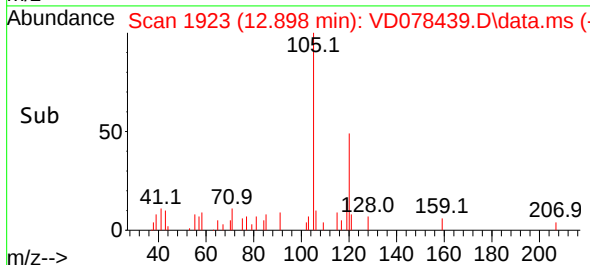
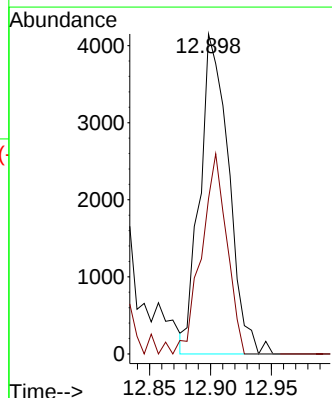
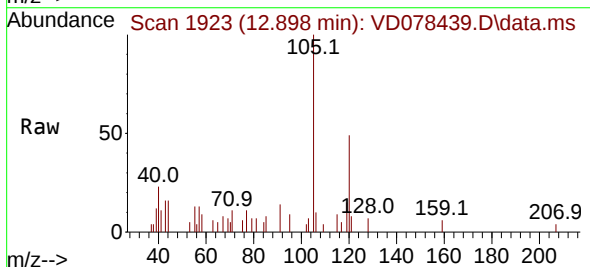
Instrument :
MSVOA_D
ClientSampleId :
30992

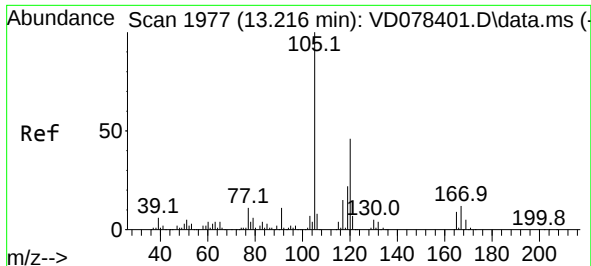
Tgt Ion:152 Resp: 62908
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 155.8 0.0 353.6



#80
1,3,5-Trimethylbenzene
Concen: 1.945 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD078439.D
Acq: 15 Feb 2024 16:46

Tgt Ion:105 Resp: 6824
Ion Ratio Lower Upper
105 100
120 55.0 26.4 79.2

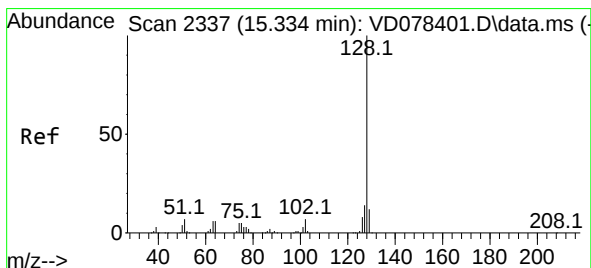
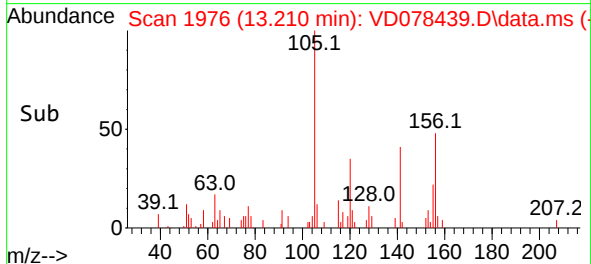
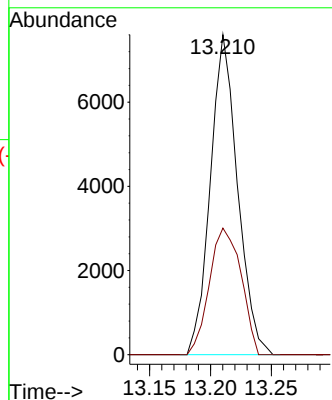
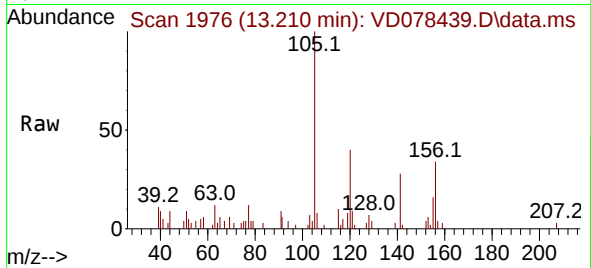




#84
1,2,4-Trimethylbenzene
Concen: 3.323 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078439.D
Acq: 15 Feb 2024 16:46

Instrument :
MSVOA_D
ClientSampleId :
30992

Tgt Ion:105 Resp: 11829
Ion Ratio Lower Upper
105 100
120 46.0 24.3 72.9



#95
Naphthalene
Concen: 2.334 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078439.D
Acq: 15 Feb 2024 16:46

Tgt Ion:128 Resp: 4526
Ion Ratio Lower Upper
128 100
127 15.4 10.5 15.7
129 16.8 8.7 13.1#

