

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078484.D
 Acq On : 20 Feb 2024 15:37
 Operator : RP/MD
 Sample : P1523-06
 Misc : 5.05G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240766-AMENDED-COMP-39N-N-3-01

Quant Time: Feb 21 05:24:34 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)

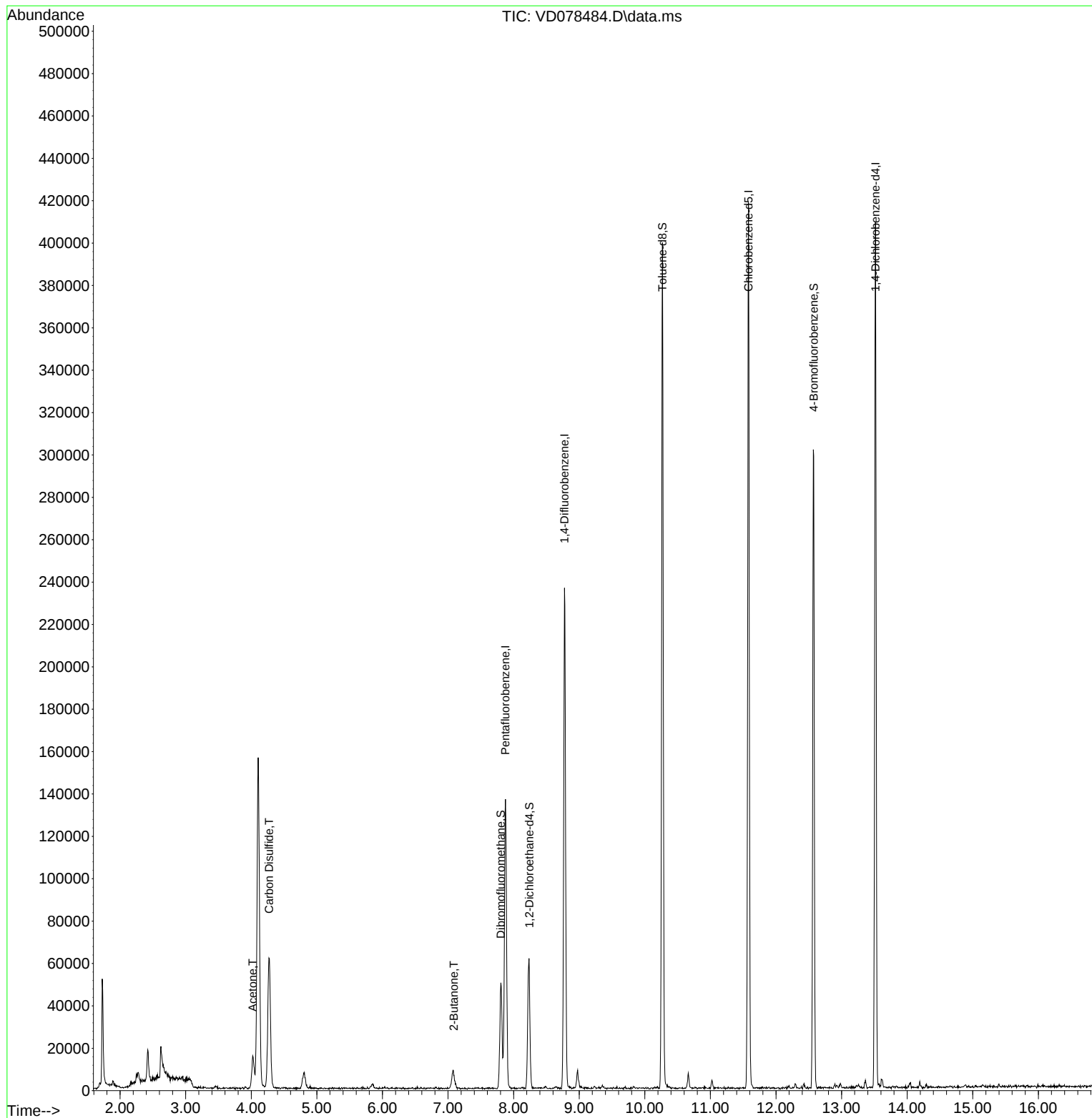
Internal Standards						
1) Pentafluorobenzene	7.875	168	106658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	211236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	48901	42.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.800%
35) Dibromofluoromethane	7.805	113	36182	26.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.940%#
50) Toluene-d8	10.269	98	274870	51.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.575	95	92269	59.071	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.140%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	25461	98.424	ug/l	90
17) Carbon Disulfide	4.269	76	131539	33.621	ug/l	96
25) 2-Butanone	7.087	43	6045	5.324	ug/l #	84

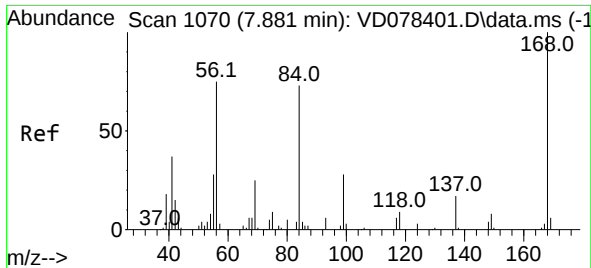
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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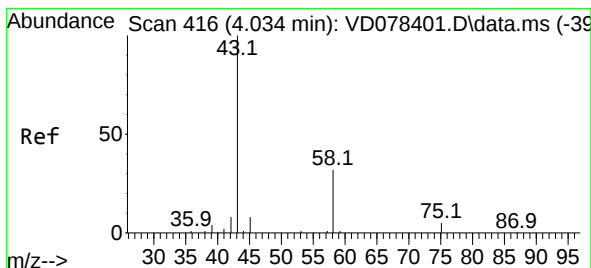
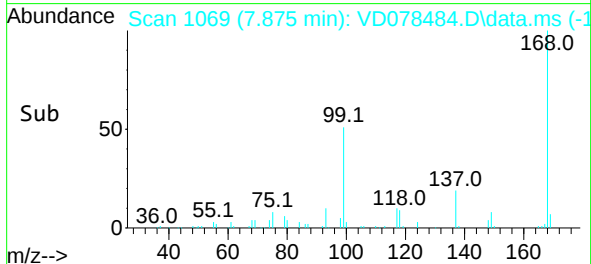
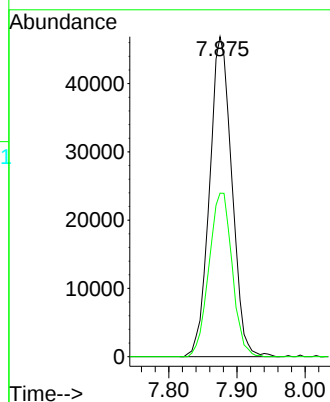
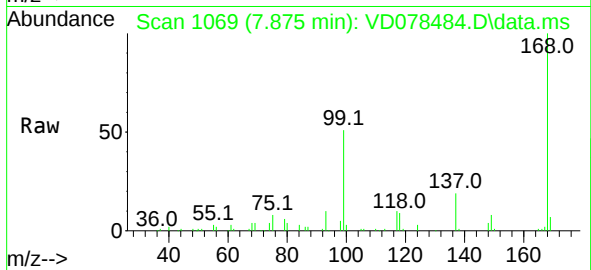


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078484.D
Acq: 20 Feb 2024 15:37

Instrument : MSVOA_D
ClientSampleId : 20240766-AMENDED-COMP-39N-N-3-01

Tgt Ion:168 Resp: 106658

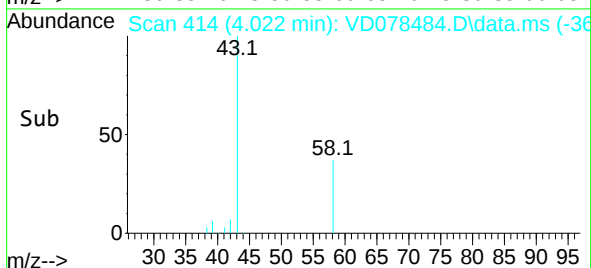
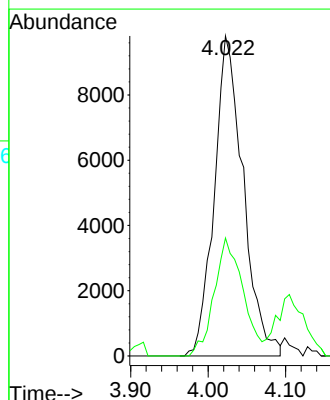
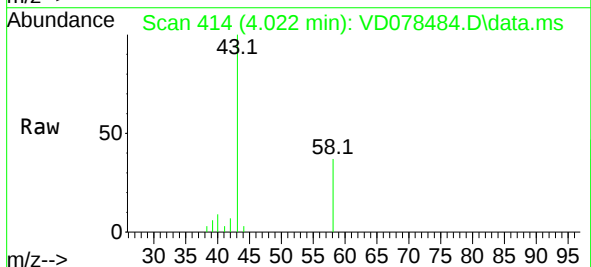
Ion	Ratio	Lower	Upper
168	100		
99	51.1	36.7	55.1

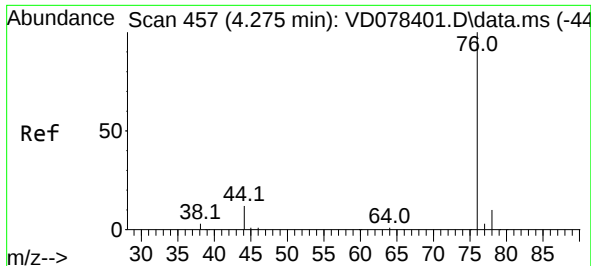


#16
Acetone
Concen: 98.424 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078484.D
Acq: 20 Feb 2024 15:37

Tgt Ion: 43 Resp: 25461

Ion	Ratio	Lower	Upper
43	100		
58	36.8	34.7	52.1





#17

Carbon Disulfide

Concen: 33.621 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078484.D

Acq: 20 Feb 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

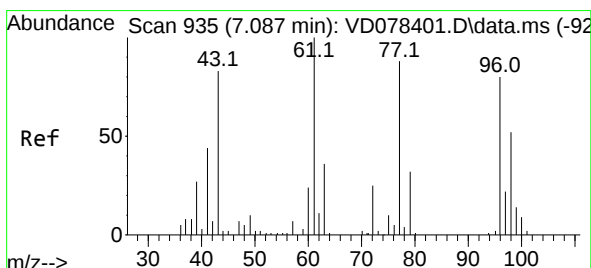
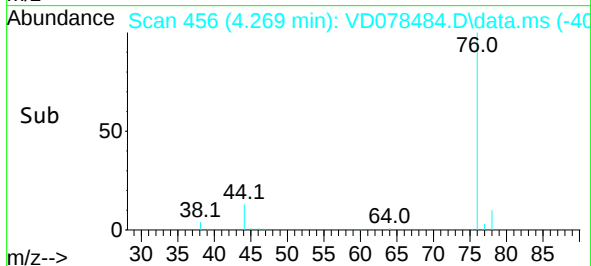
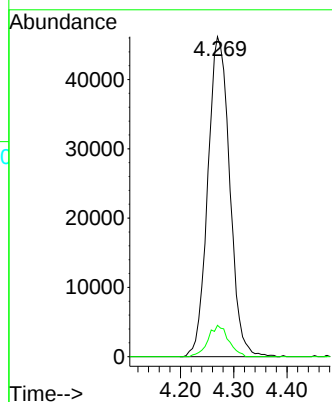
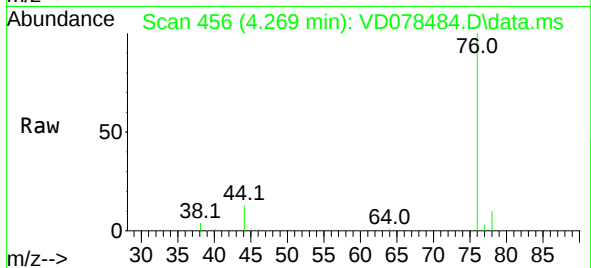
20240766-AMENDED-COMP-39N-N-3-01

Tgt Ion: 76 Resp: 131539

Ion Ratio Lower Upper

76 100

78 9.8 6.8 10.2



#25

2-Butanone

Concen: 5.324 ug/l

RT: 7.087 min Scan# 935

Delta R.T. -0.000 min

Lab File: VD078484.D

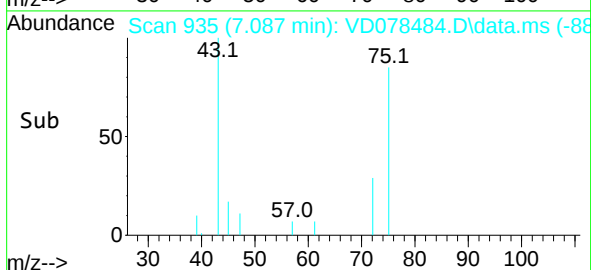
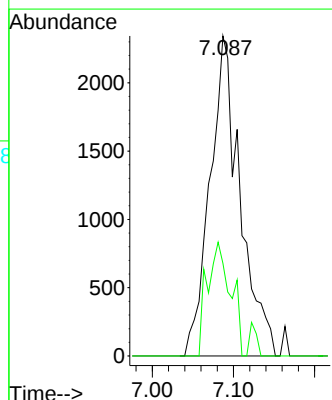
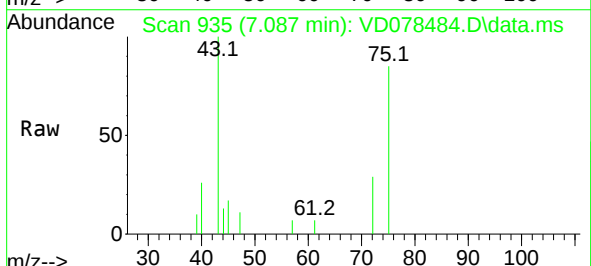
Acq: 20 Feb 2024 15:37

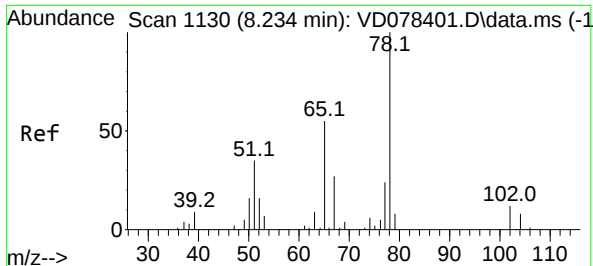
Tgt Ion: 43 Resp: 6045

Ion Ratio Lower Upper

43 100

72 28.9 30.7 46.1#





#33

1,2-Dichloroethane-d4

Concen: 42.403 ug/l

RT: 8.240 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078484.D

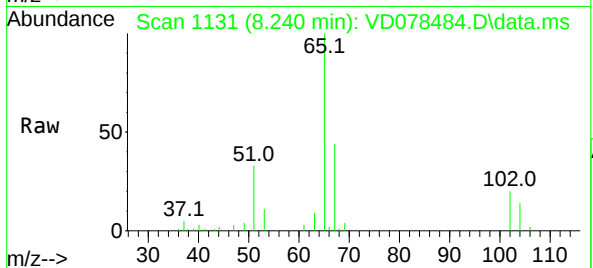
Acq: 20 Feb 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01

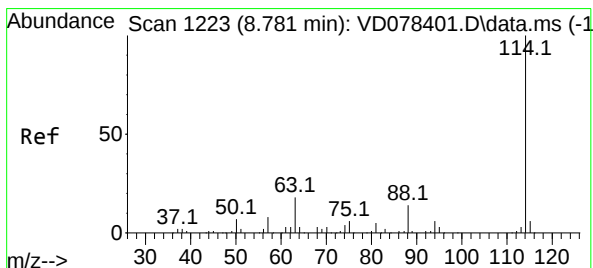
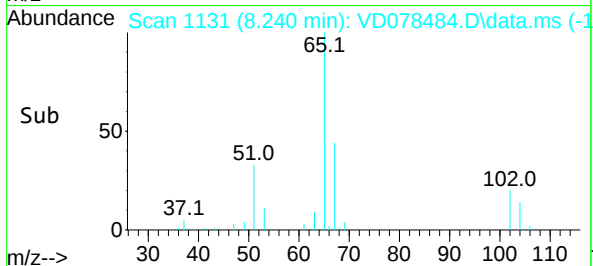
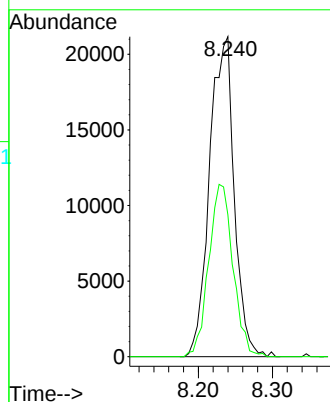


Tgt Ion: 65 Resp: 48901

Ion Ratio Lower Upper

65 100

67 52.9 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: VD078484.D

Acq: 20 Feb 2024 15:37

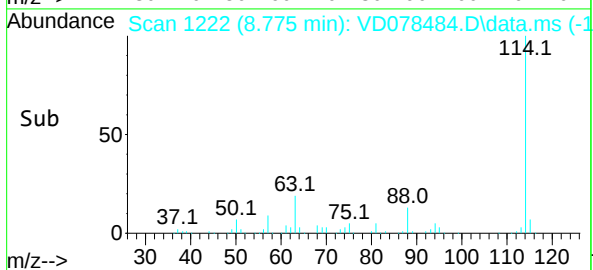
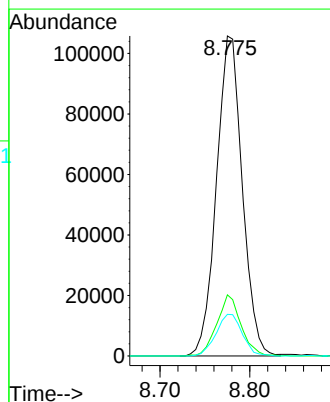
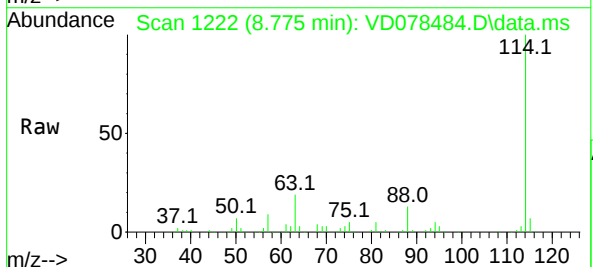
Tgt Ion: 114 Resp: 211236

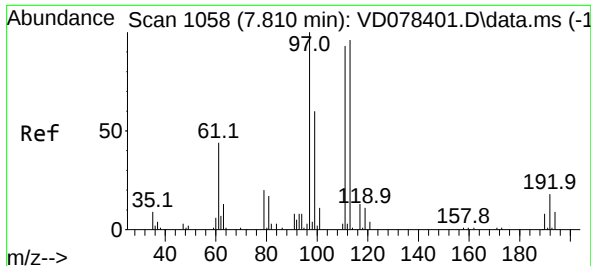
Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 26.965 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078484.D

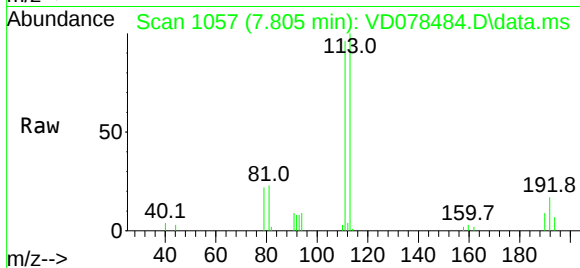
Acq: 20 Feb 2024 15:37

Instrument :

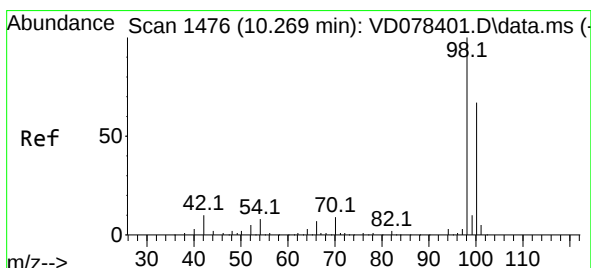
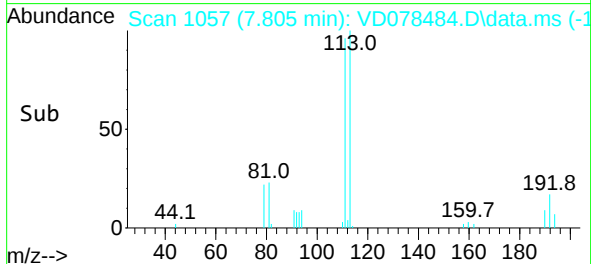
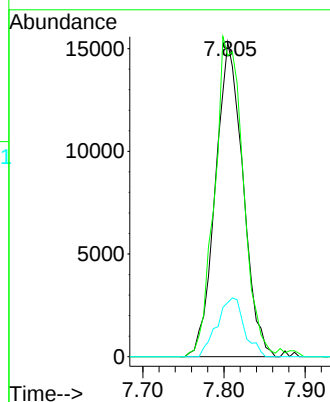
MSVOA_D

ClientSampleId :

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Tgt Ion:	113	Resp:	36182
Ion	Ratio	Lower	Upper
113	100		
111	105.0	84.7	127.1
192	18.5	16.8	25.2



#50

Toluene-d8

Concen: 51.209 ug/l

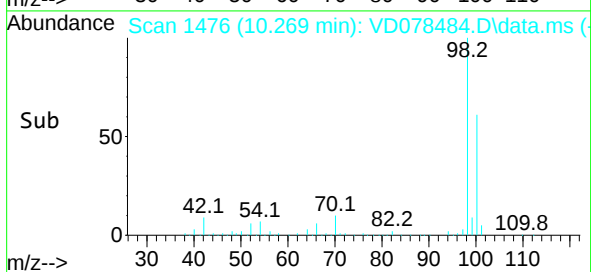
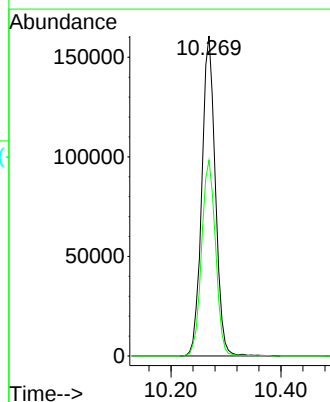
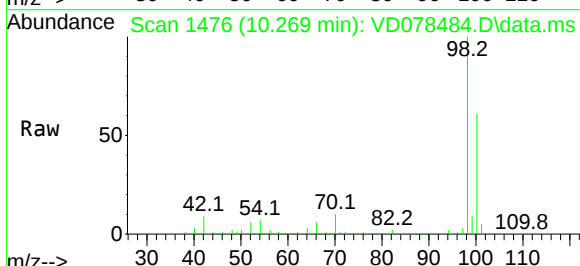
RT: 10.269 min Scan# 1476

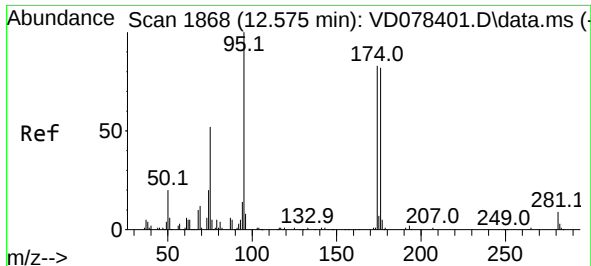
Delta R.T. 0.000 min

Lab File: VD078484.D

Acq: 20 Feb 2024 15:37

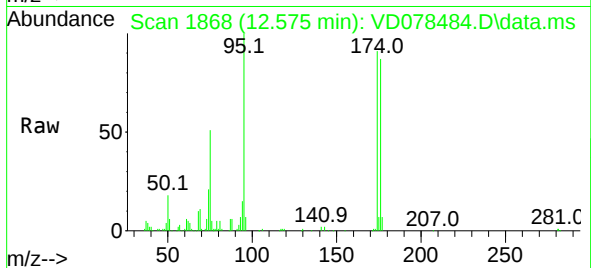
Tgt Ion:	98	Resp:	274870
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.3	75.5



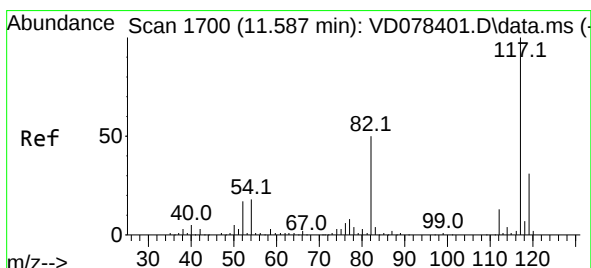
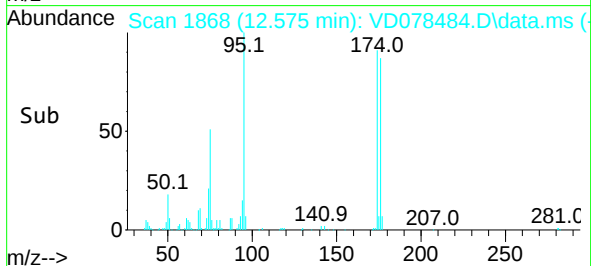
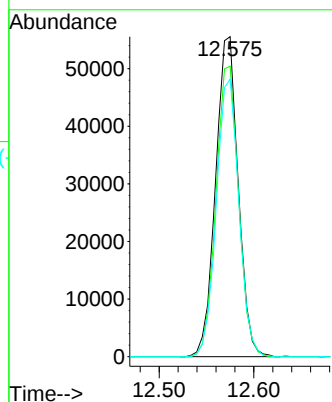


#62
4-Bromofluorobenzene
Concen: 59.071 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078484.D
Acq: 20 Feb 2024 15:37

Instrument : MSVOA_D
ClientSampleId : 20240766-AMENDED-COMP-39N-N-3-01

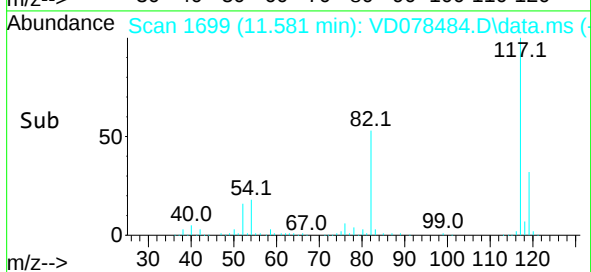
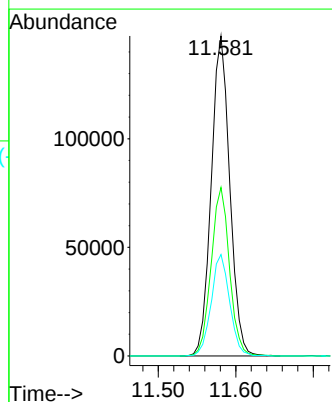
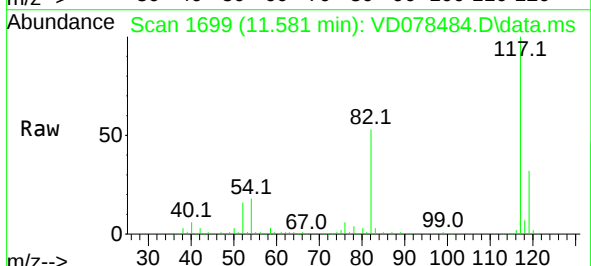


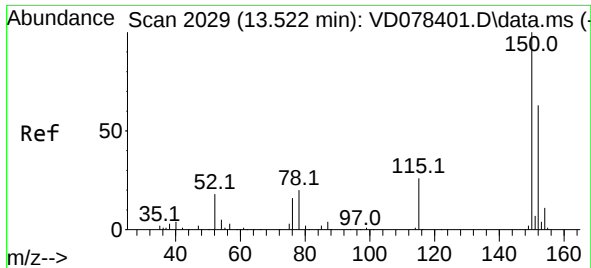
Tgt Ion:	95	Resp:	92269
Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	201.8
176	86.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078484.D
Acq: 20 Feb 2024 15:37

Tgt Ion:	117	Resp:	244694
Ion	Ratio	Lower	Upper
117	100		
82	52.7	38.3	57.5
119	31.7	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD078484.D

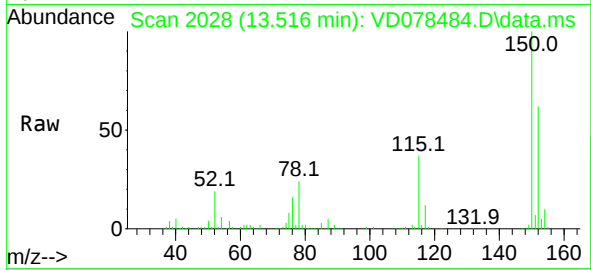
Acq: 20 Feb 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01



Tgt Ion:152 Resp: 108997

Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 156.8 0.0 353.6

