

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079458.D
 Acq On : 30 Jul 2024 14:58
 Operator : RP/MD
 Sample : P3379-05
 Misc : 6.51G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-PCS-03-072324

Quant Time: Jul 31 01:53:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

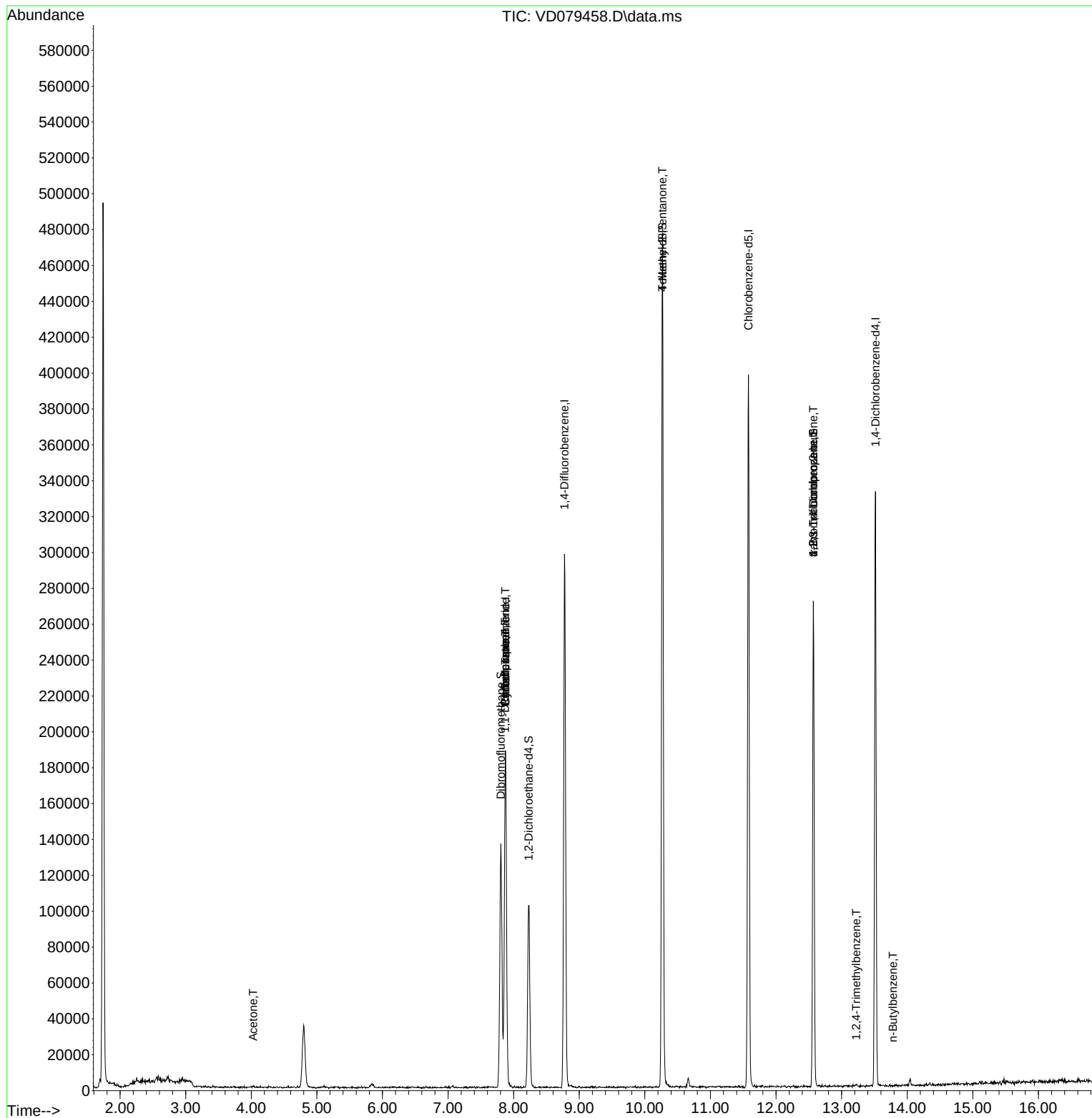
Internal Standards						
1) Pentafluorobenzene	7.875	168	153435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	275353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80612	51.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.440%	
35) Dibromofluoromethane	7.804	113	97586	52.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.720%	
50) Toluene-d8	10.269	98	338463	46.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.540%	
62) 4-Bromofluorobenzene	12.569	95	80843	38.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	137	Below Cal	#	44
16) Acetone	4.028	43	657	2.169	ug/l #	37
20) Methylene Chloride	4.799	84	27255	Below Cal		92
31) Cyclohexane	7.875	56	3008	1.162	ug/l #	15
36) 1,1-Dichloropropene	7.869	75	11269	4.430	ug/l #	48
38) Carbon Tetrachloride	7.875	117	14526	5.432	ug/l #	20
51) 4-Methyl-2-Pentanone	10.269	43	1336	1.335	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	40069	46.736	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	40069	89.139	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.222	105	551	3.512	ug/l #	29
89) n-Butylbenzene	13.781	91	78	3.794	ug/l #	34

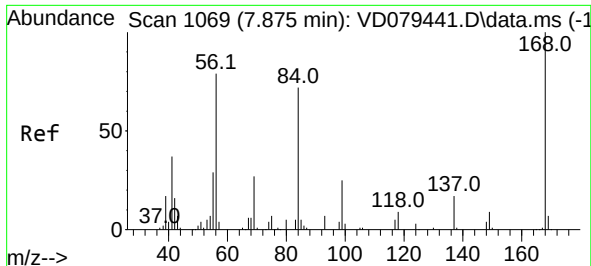
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OU4-PCS-03-072324

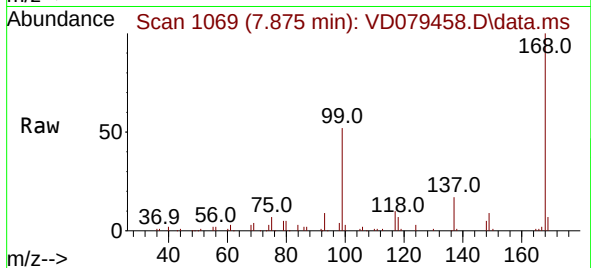
Quant Time: Jul 31 01:53:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



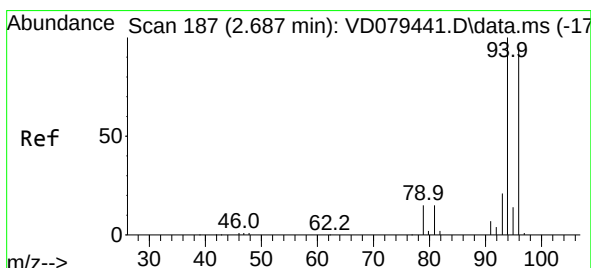
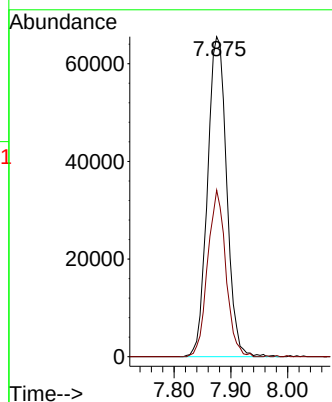
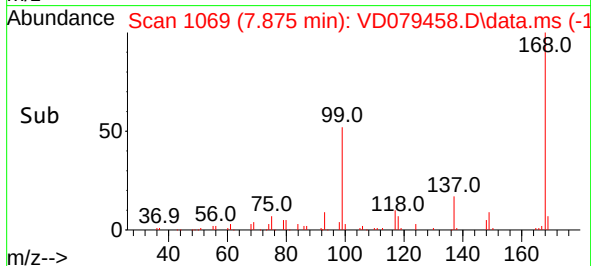


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

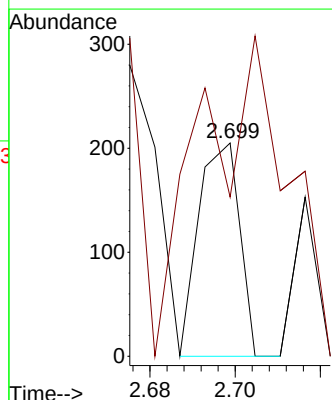
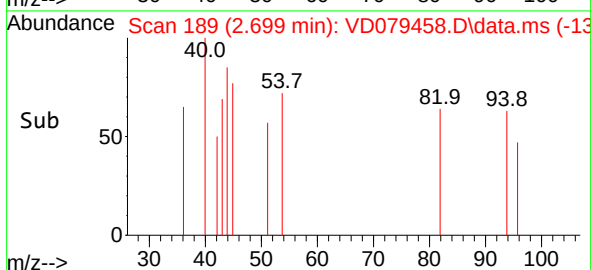
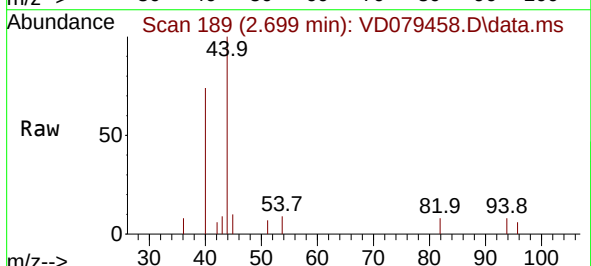


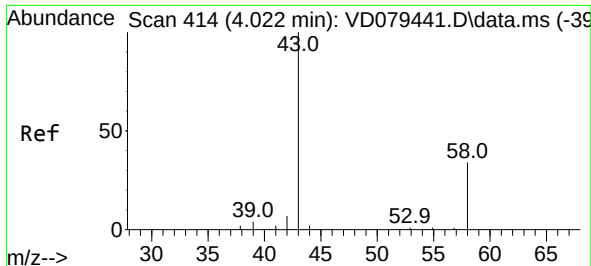
Tgt Ion:168 Resp: 153435
Ion Ratio Lower Upper
168 100
99 52.0 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Tgt Ion: 94 Resp: 137
Ion Ratio Lower Upper
94 100
96 151.1 76.9 115.3#





#16

Acetone

Concen: 2.169 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079458.D

Acq: 30 Jul 2024 14:58

Instrument :

MSVOA_D

ClientSampleId :

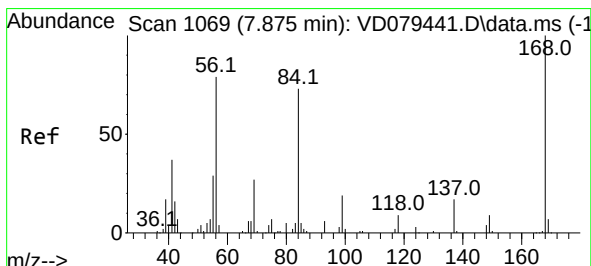
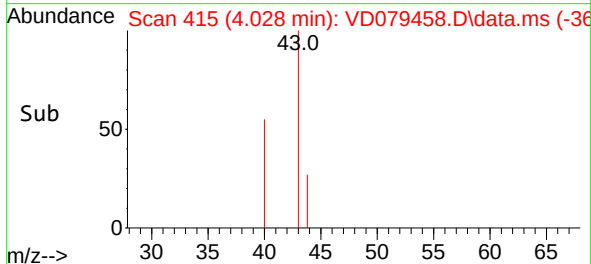
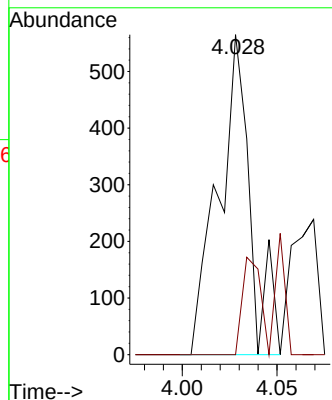
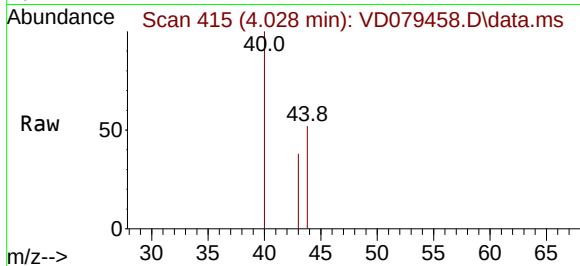
OU4-PCS-03-072324

Tgt Ion: 43 Resp: 657

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#31

Cyclohexane

Concen: 1.162 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079458.D

Acq: 30 Jul 2024 14:58

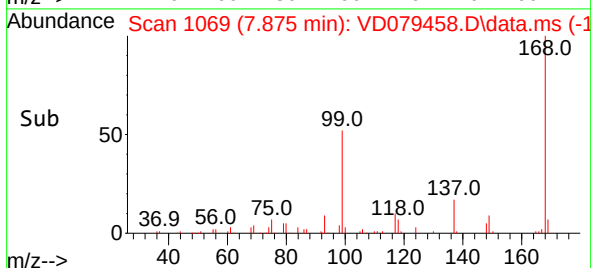
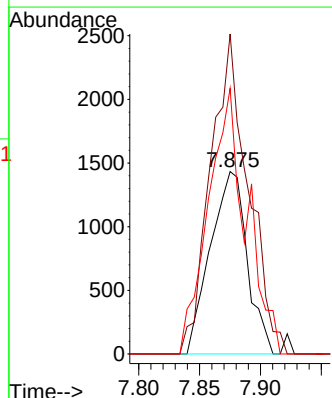
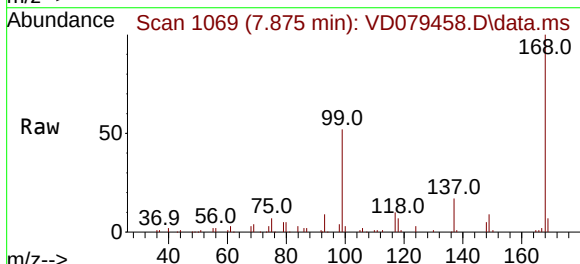
Tgt Ion: 56 Resp: 3008

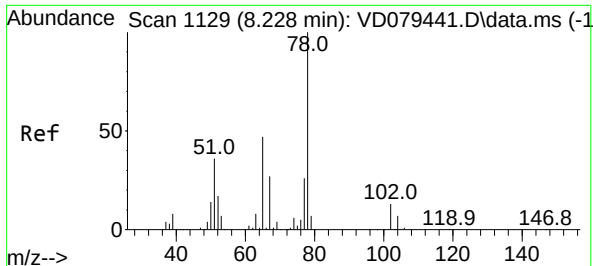
Ion Ratio Lower Upper

56 100

69 175.4 28.0 42.0#

84 145.6 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 51.716 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079458.D

Acq: 30 Jul 2024 14:58

Instrument :

MSVOA_D

ClientSampleId :

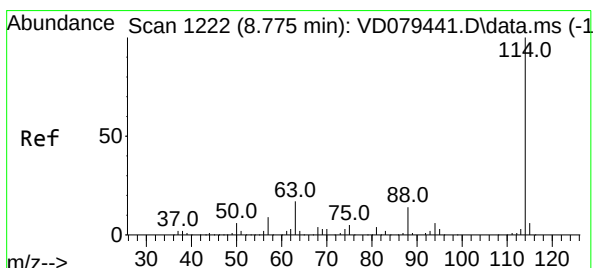
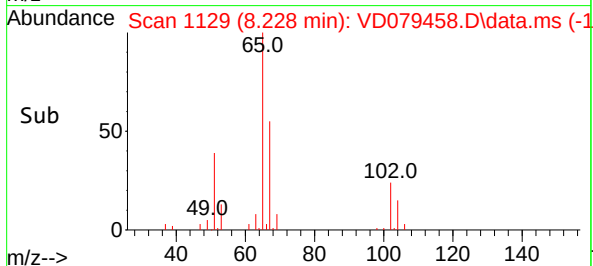
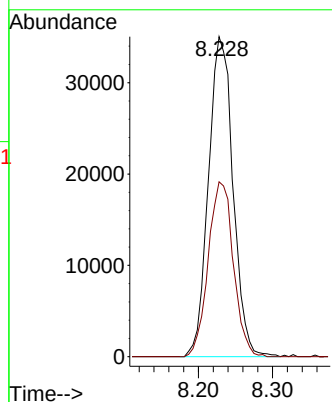
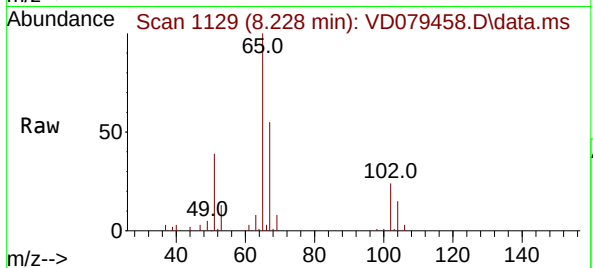
OU4-PCS-03-072324

Tgt Ion: 65 Resp: 80612

Ion Ratio Lower Upper

65 100

67 55.9 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079458.D

Acq: 30 Jul 2024 14:58

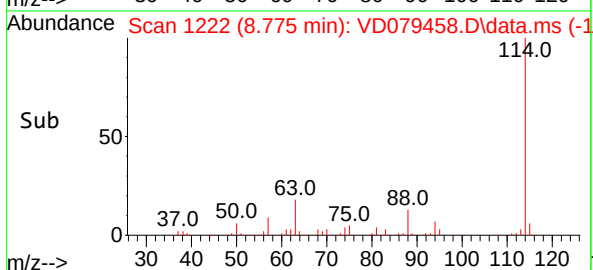
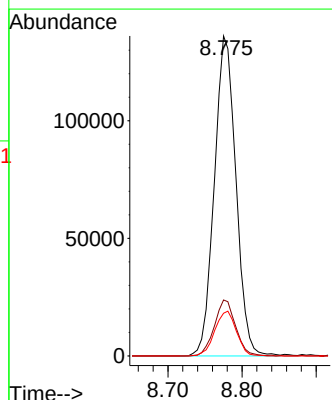
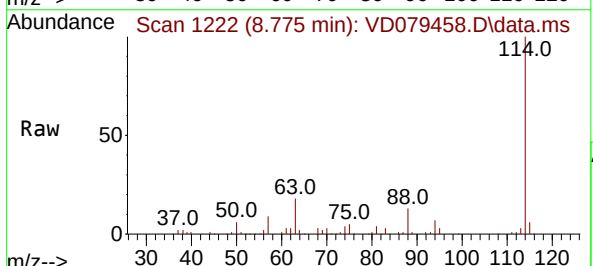
Tgt Ion: 114 Resp: 275353

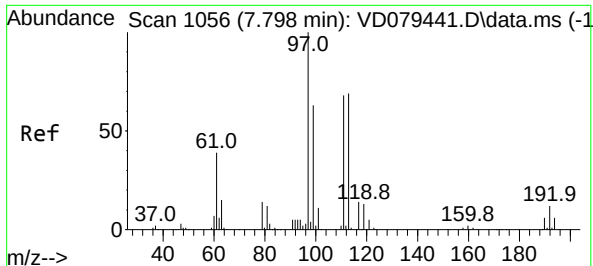
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.0

88 13.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.361 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079458.D

Acq: 30 Jul 2024 14:58

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-03-072324

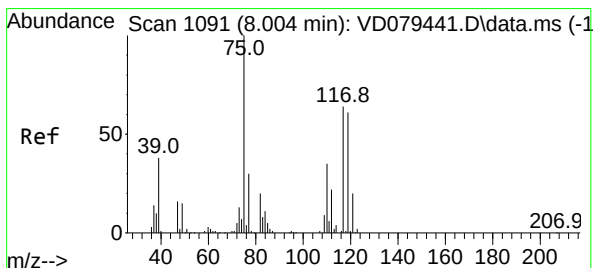
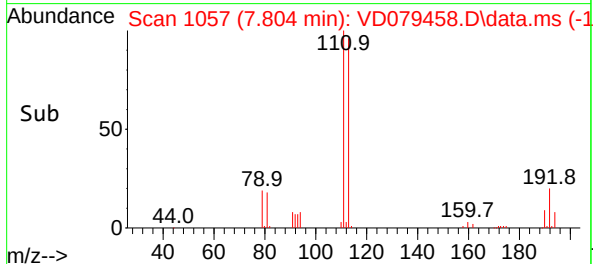
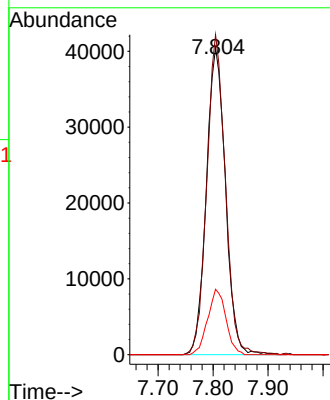
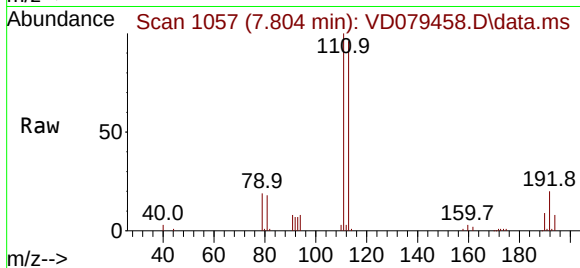
Tgt Ion:113 Resp: 97586

Ion Ratio Lower Upper

113 100

111 101.6 84.0 126.0

192 20.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.430 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD079458.D

Acq: 30 Jul 2024 14:58

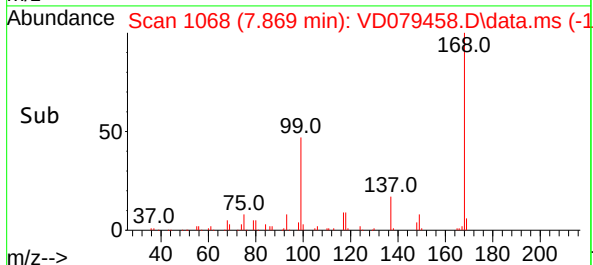
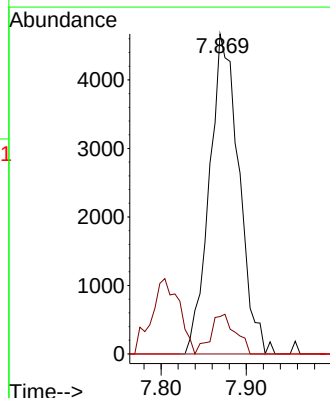
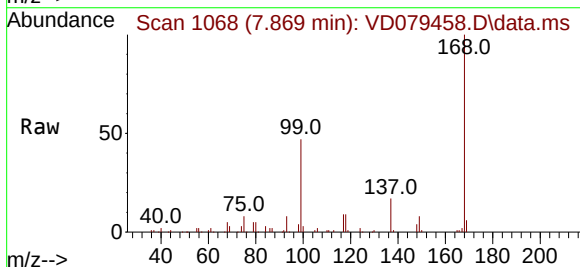
Tgt Ion: 75 Resp: 11269

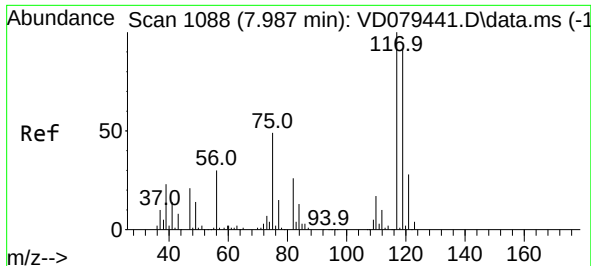
Ion Ratio Lower Upper

75 100

110 10.4 19.6 58.7#

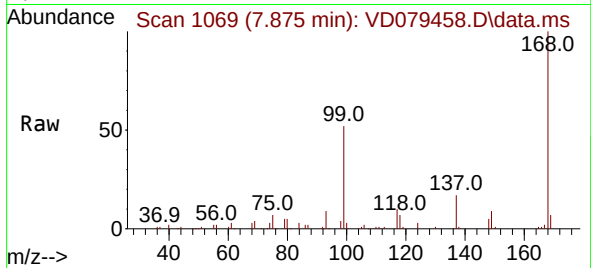
77 0.0 26.1 39.1#



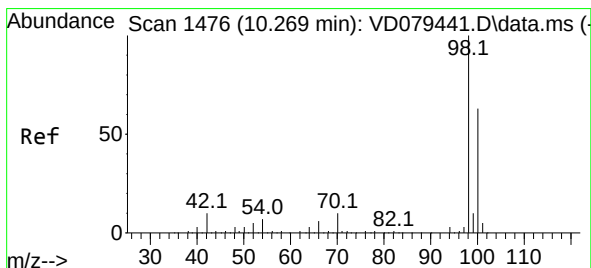
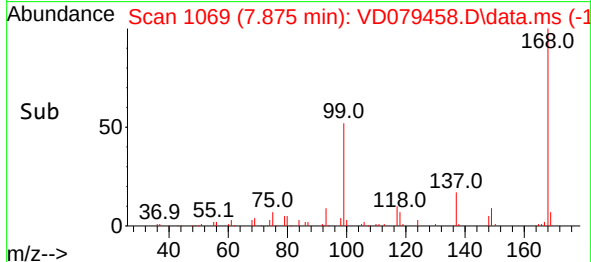
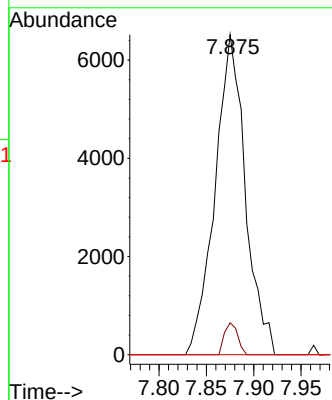


#38
Carbon Tetrachloride
Concen: 5.432 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

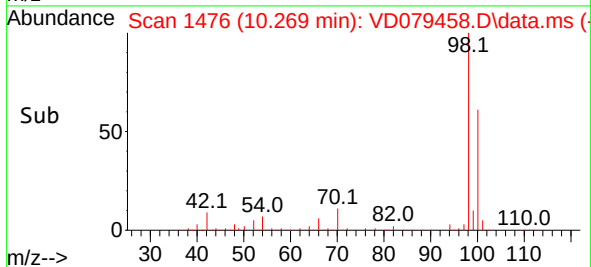
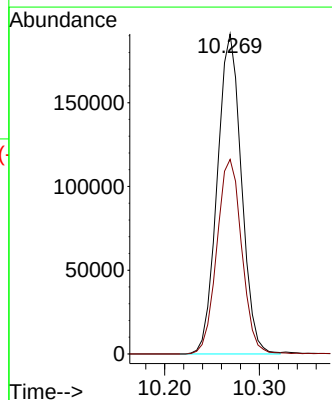
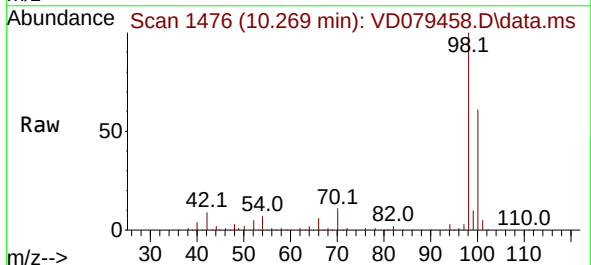


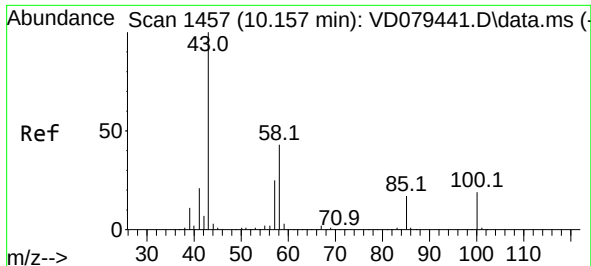
Tgt Ion:117 Resp: 14526
Ion Ratio Lower Upper
117 100
119 10.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 46.765 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Tgt Ion: 98 Resp: 338463
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4

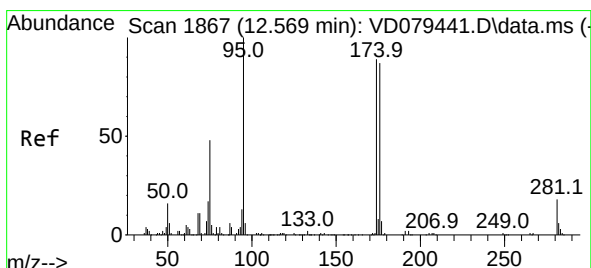
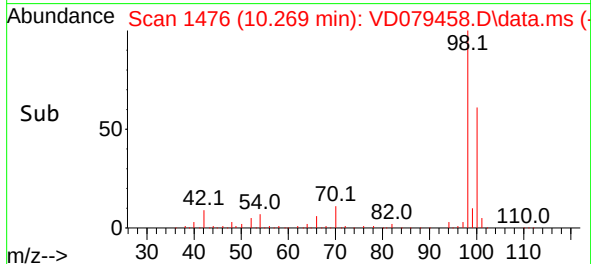
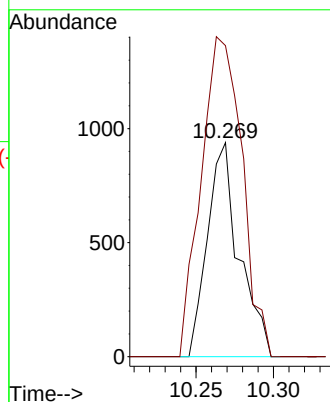
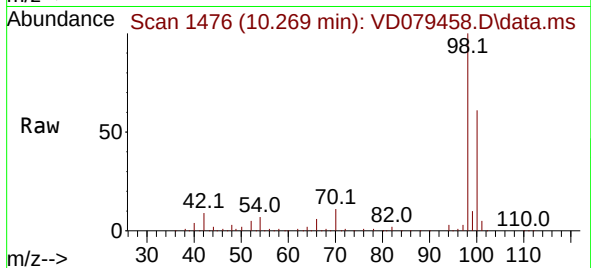




#51
4-Methyl-2-Pentanone
Concen: 1.335 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

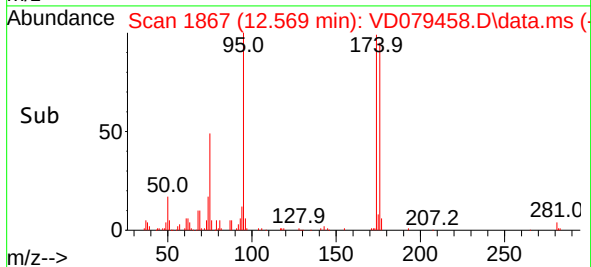
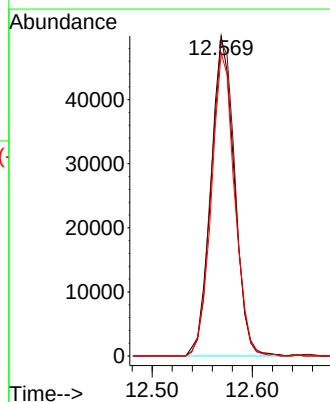
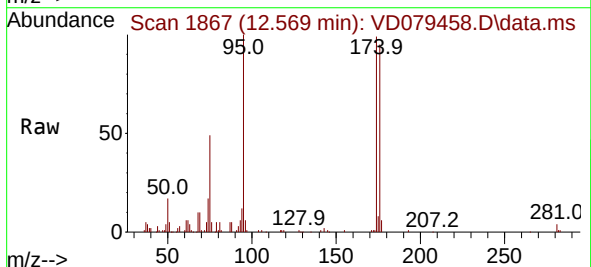
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

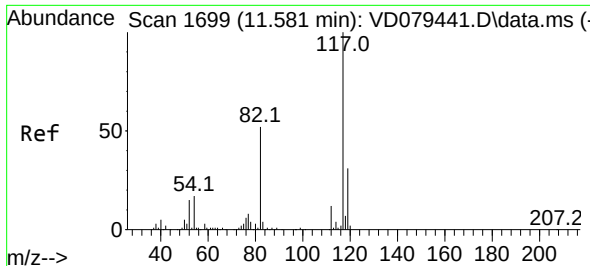
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 193.0 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 38.600 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Tgt Ion: 95 Resp: 80843
Ion Ratio Lower Upper
95 100
174 101.0 0.0 195.4
176 94.0 0.0 192.6

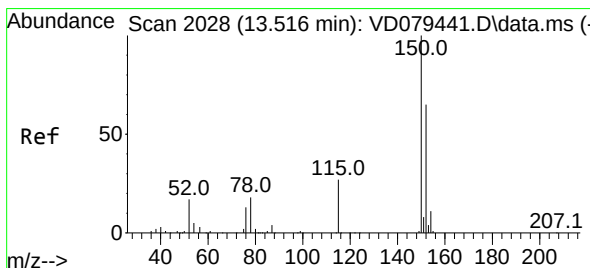
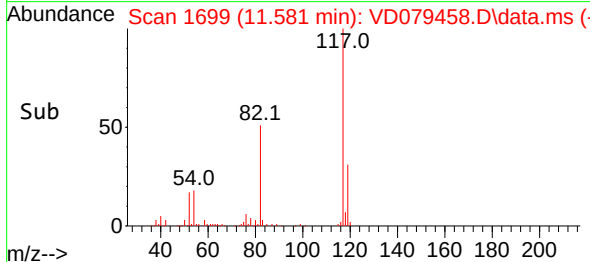
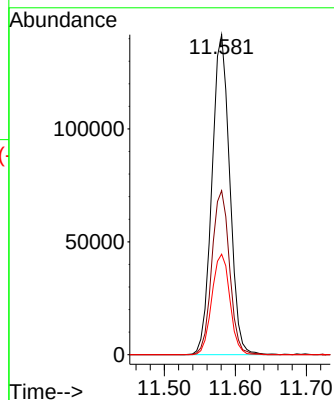
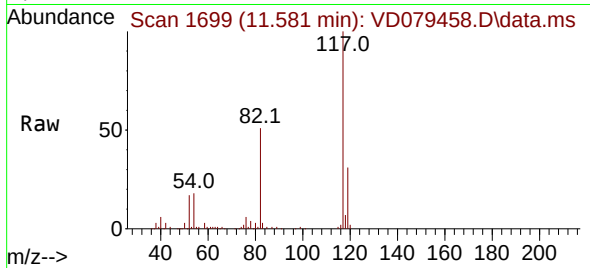




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

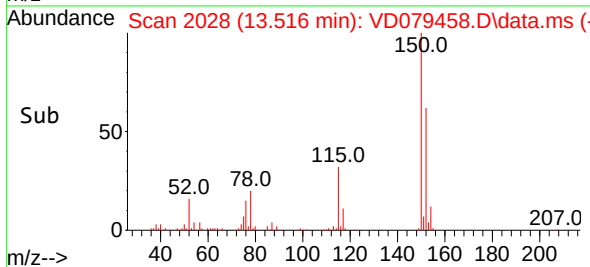
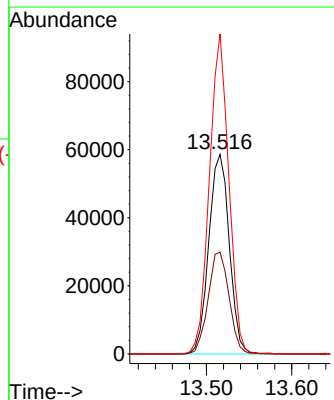
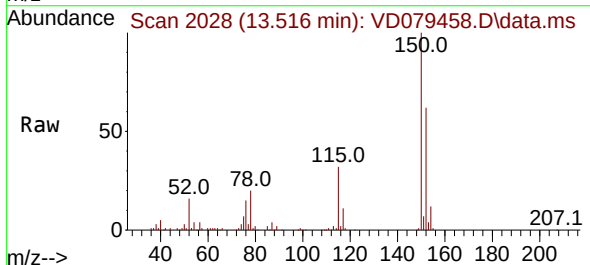
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

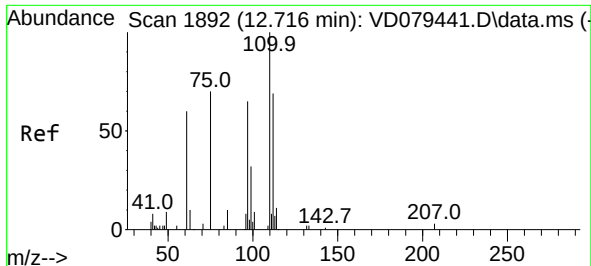
Tgt Ion:117 Resp: 246210
Ion Ratio Lower Upper
117 100
82 51.3 39.8 59.6
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Tgt Ion:152 Resp: 98083
Ion Ratio Lower Upper
152 100
115 52.0 26.5 79.5
150 151.3 0.0 341.6

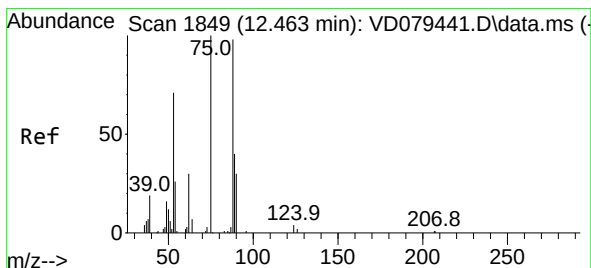
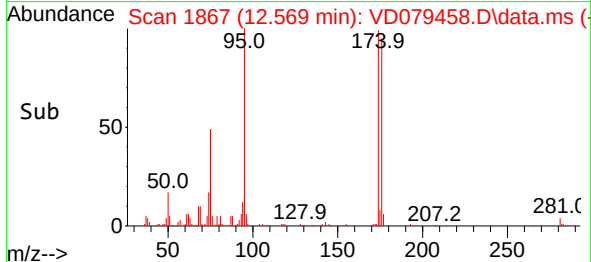
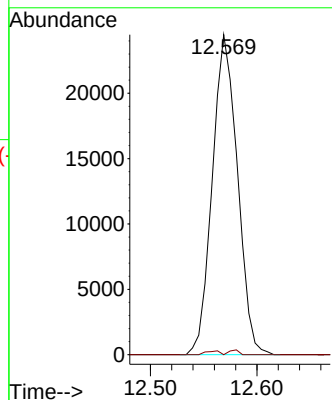
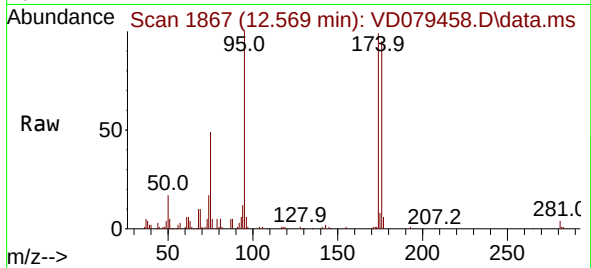




#76
1,2,3-Trichloropropane
Concen: 46.736 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

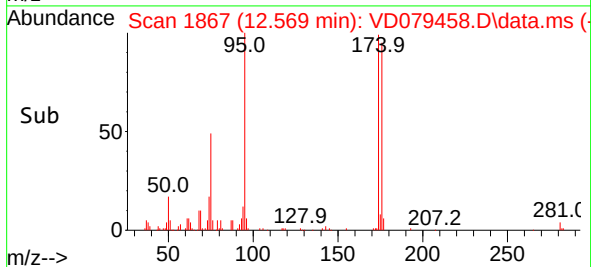
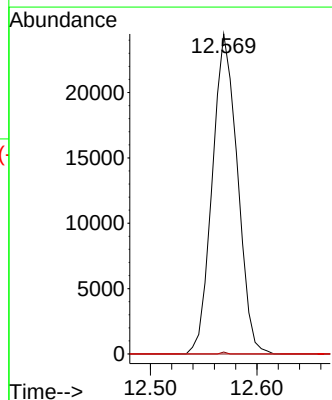
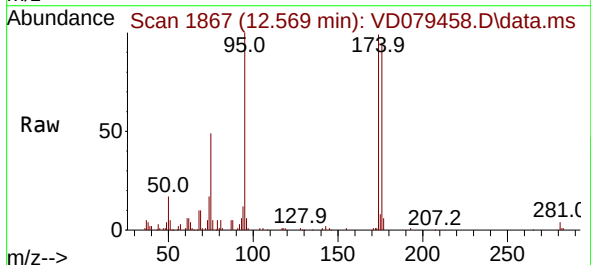
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

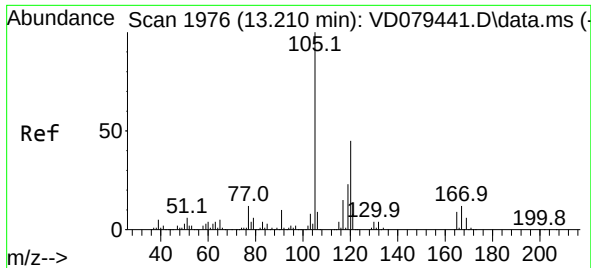
Tgt Ion: 75 Resp: 40069
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.139 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Tgt Ion: 75 Resp: 40069
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.0 35.4 53.0#

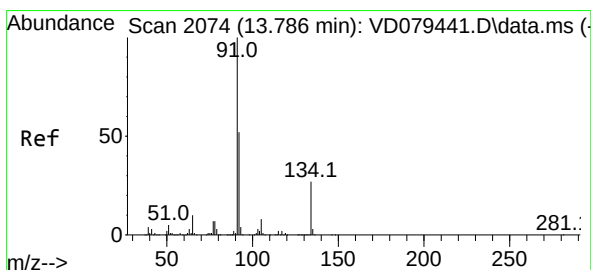
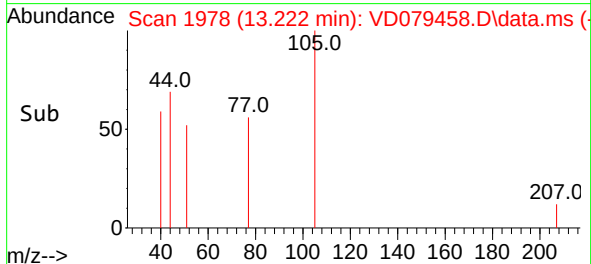
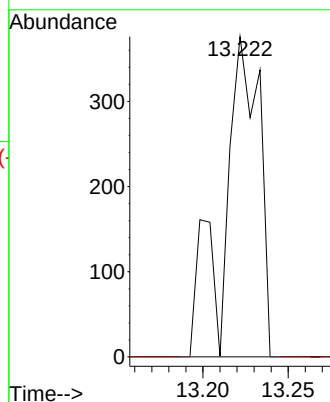
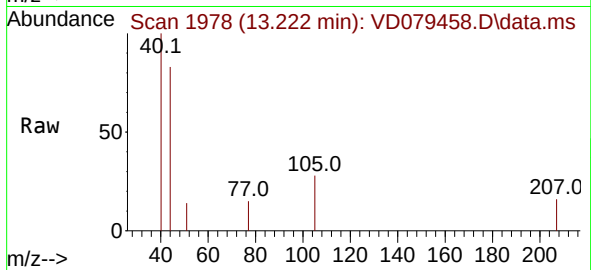




#84
1,2,4-Trimethylbenzene
Concen: 3.512 ug/l
RT: 13.222 min Scan# 1976
Delta R.T. 0.018 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

Tgt Ion:105 Resp: 551
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#



#89
n-Butylbenzene
Concen: 3.794 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD079458.D
Acq: 30 Jul 2024 14:58

Tgt Ion: 91 Resp: 78
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 13.6 40.8#

