

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079504.D
 Acq On : 31 Jul 2024 18:55
 Operator : RP/MD
 Sample : P3387-04
 Misc : 4.54G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-10-VOCRE

Quant Time: Aug 01 01:54:46 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)

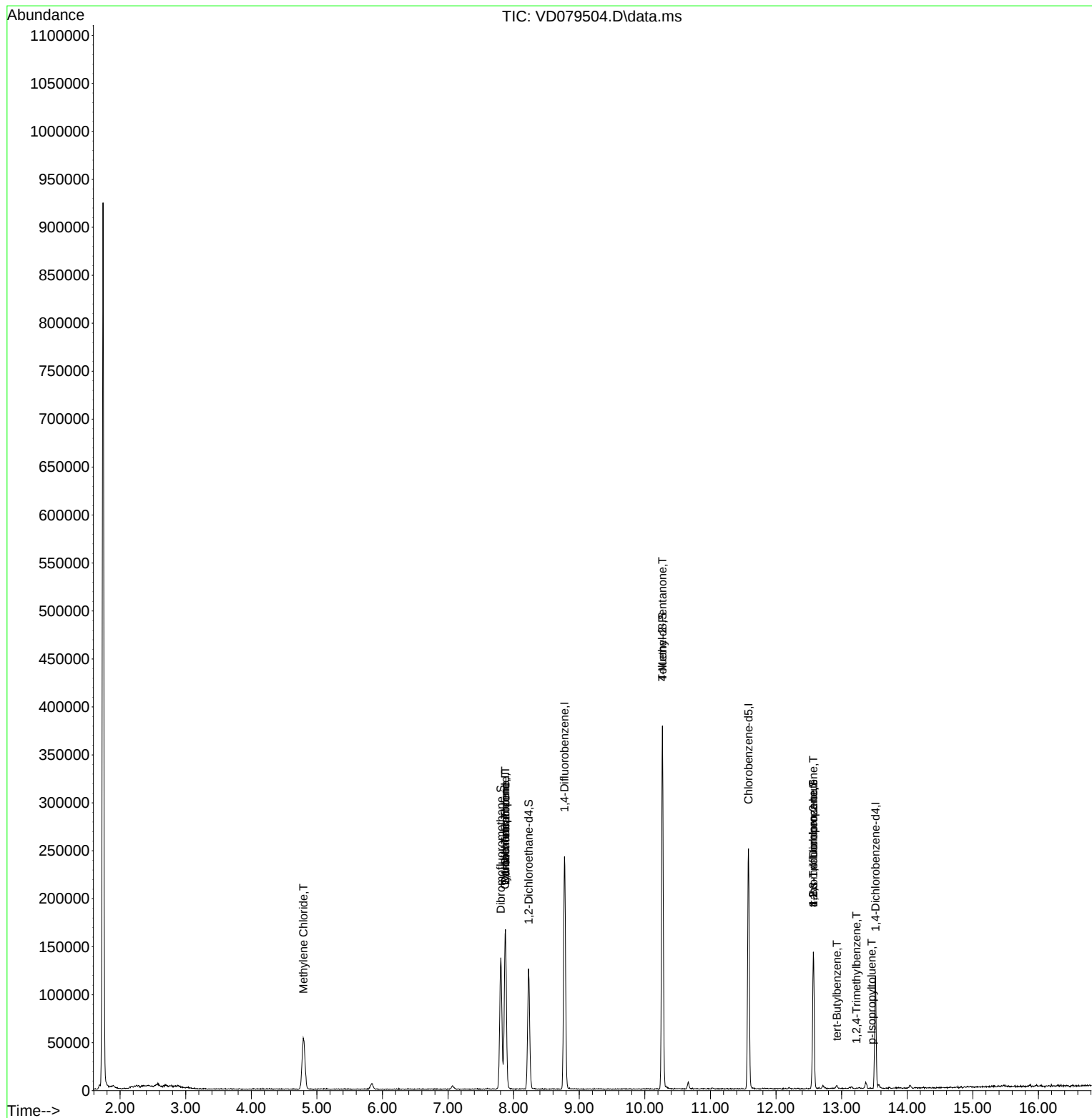
Internal Standards						
1) Pentafluorobenzene	7.875	168	136988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	230107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	155087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	33362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94612	67.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.960%
35) Dibromofluoromethane	7.804	113	100607	64.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.200%
50) Toluene-d8	10.269	98	267665	44.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.520%
62) 4-Bromofluorobenzene	12.569	95	42927	24.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.060%
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	217	Below Cal	#	1
20) Methylene Chloride	4.793	84	44962	10.709	ug/l	87
31) Cyclohexane	7.869	56	2643	1.144	ug/l #	38
36) 1,1-Dichloropropene	7.875	75	10426	4.905	ug/l #	42
38) Carbon Tetrachloride	7.875	117	12848	5.749	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1053	1.259	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	20966	71.896	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	20966	137.124	ug/l #	19
83) tert-Butylbenzene	12.928	119	55	3.656	ug/l #	31
84) 1,2,4-Trimethylbenzene	13.228	105	143	3.492	ug/l #	29
86) p-Isopropyltoluene	13.457	119	54	3.908	ug/l #	51

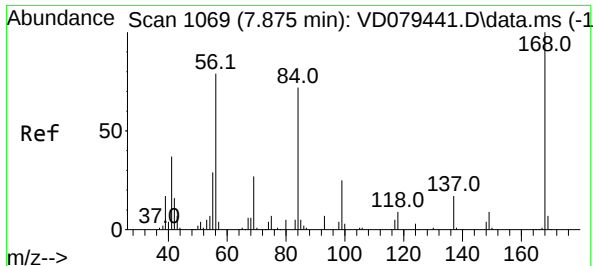
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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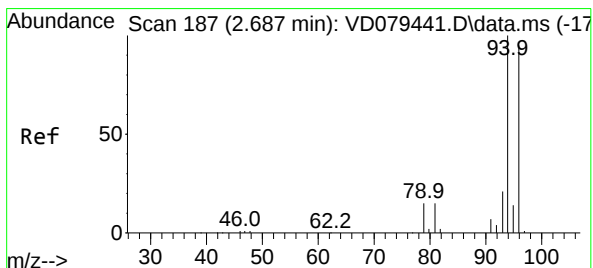
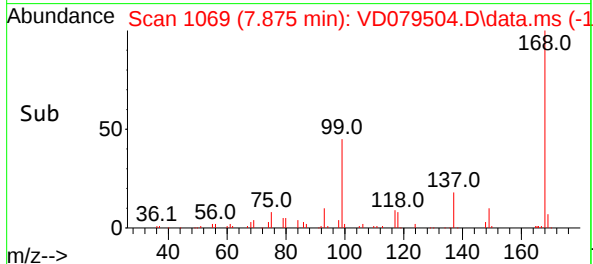
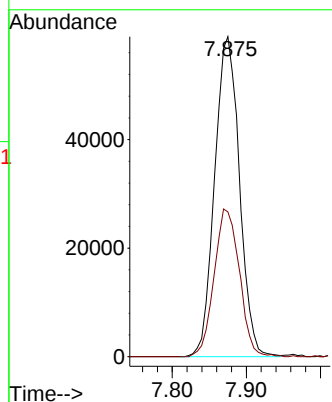
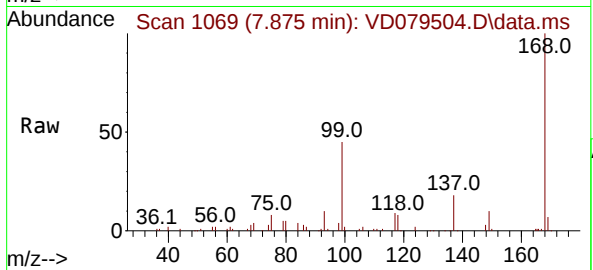




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079504.D
Acq: 31 Jul 2024 18:55

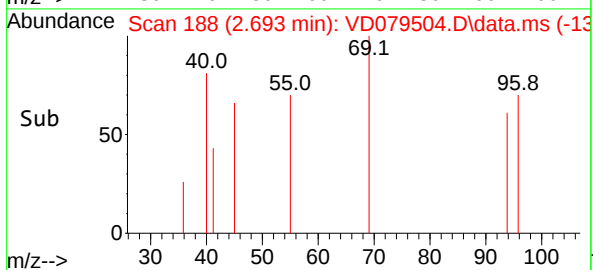
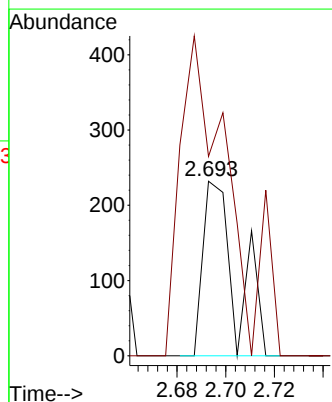
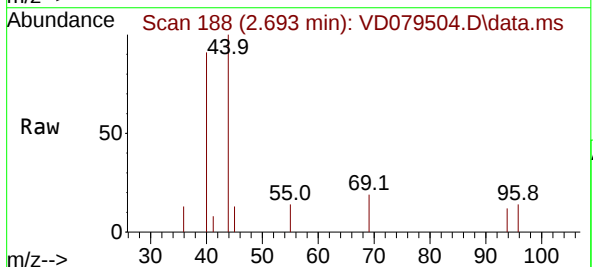
Instrument :
MSVOA_D
ClientSampleId :
WC-10-VOCRE

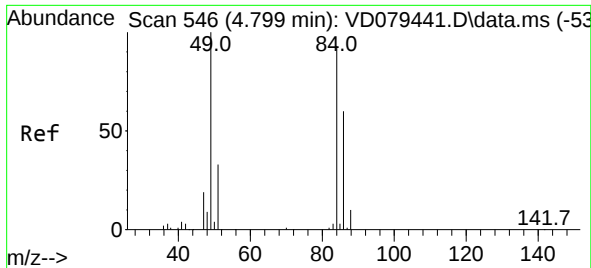
Tgt Ion:168 Resp: 136988
Ion Ratio Lower Upper
168 100
99 45.3 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079504.D
Acq: 31 Jul 2024 18:55

Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 239.2 76.9 115.3#

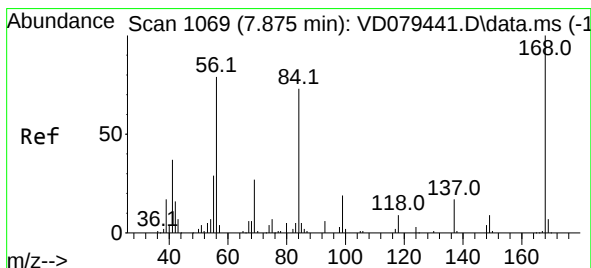
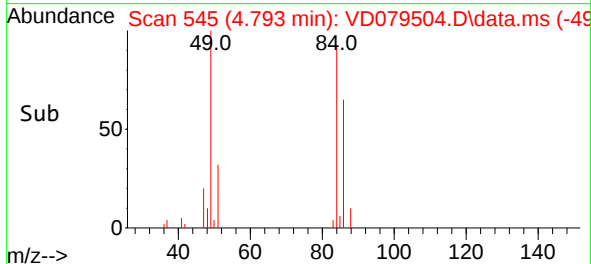
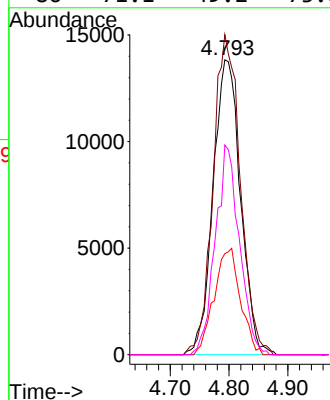
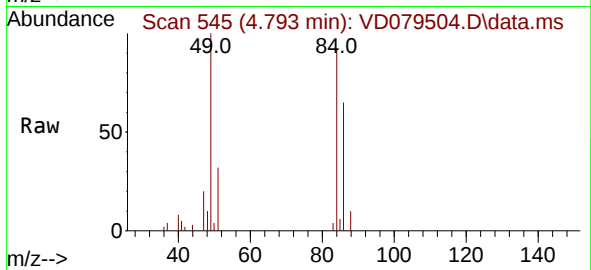




#20
Methylene Chloride
Concen: 10.709 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079504.D
Acq: 31 Jul 2024 18:55

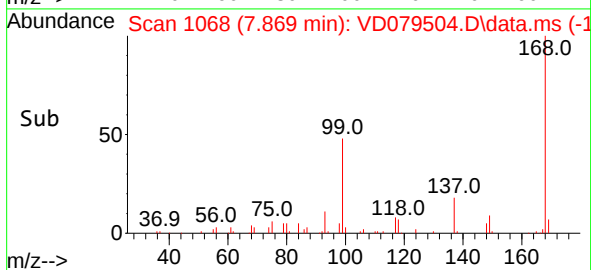
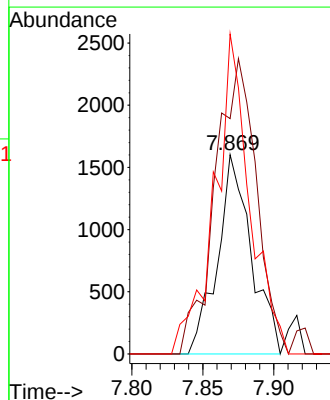
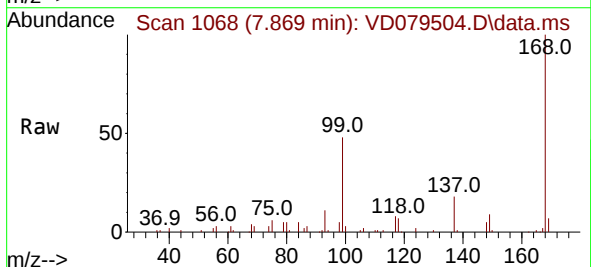
Instrument :
MSVOA_D
ClientSampleId :
WC-10-VOCRE

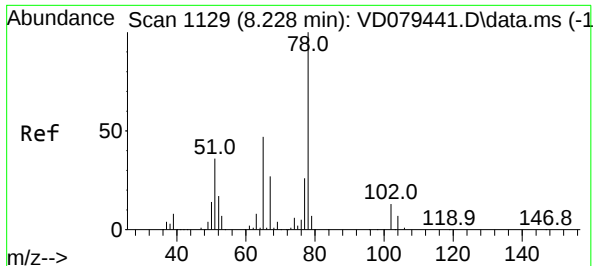
Tgt Ion: 84	Resp: 44962
Ion Ratio	Lower Upper
84 100	
49 108.5	75.6 113.4
51 34.3	24.2 36.2
86 71.1	49.2 73.8



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079504.D
Acq: 31 Jul 2024 18:55

Tgt Ion: 56	Resp: 2643		
Ion Ratio	Lower	Upper	
56	100		
69	118.2	28.0	42.0#
84	146.7	87.4	131.0#





#33

1,2-Dichloroethane-d4

Concen: 67.985 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079504.D

Acq: 31 Jul 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

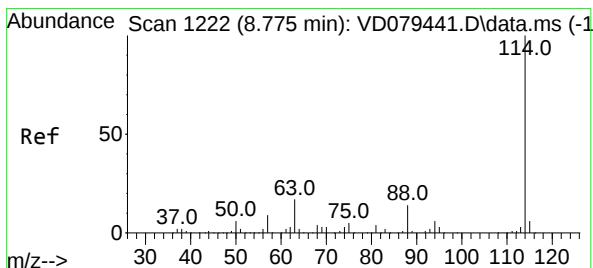
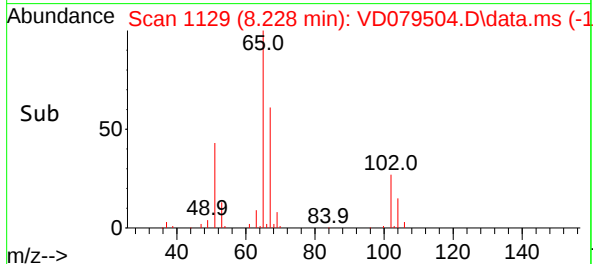
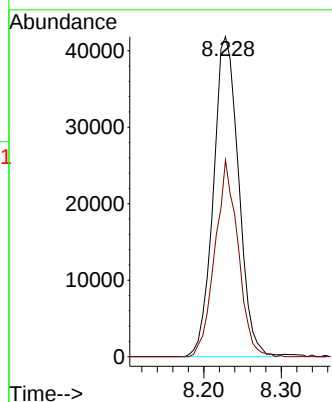
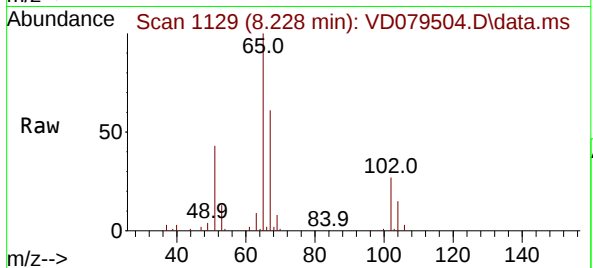
WC-10-VOCRE

Tgt Ion: 65 Resp: 94612

Ion Ratio Lower Upper

65 100

67 56.3 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: VD079504.D

Acq: 31 Jul 2024 18:55

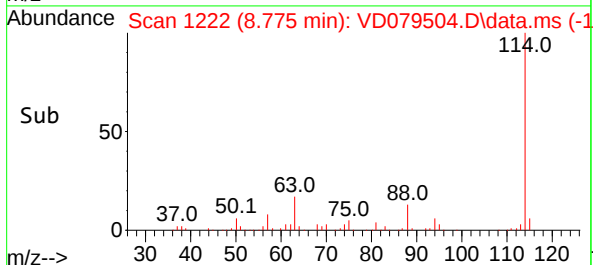
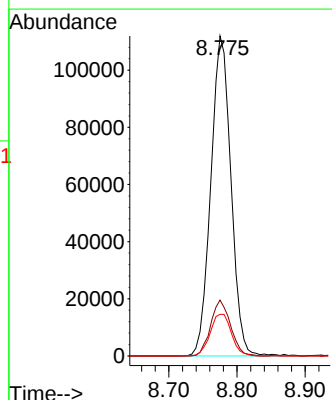
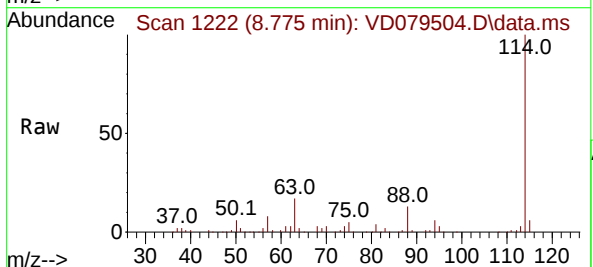
Tgt Ion: 114 Resp: 230107

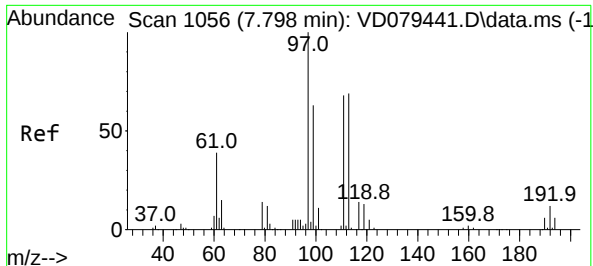
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.0

88 13.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 64.596 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079504.D

Acq: 31 Jul 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

WC-10-VOCRE

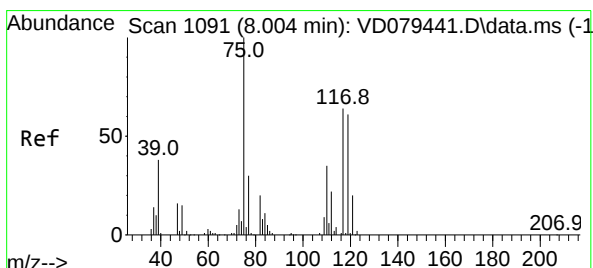
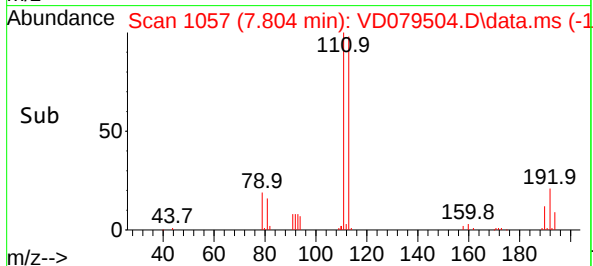
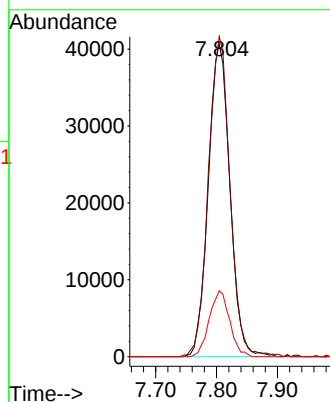
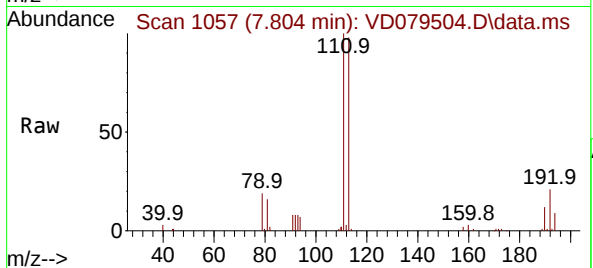
Tgt Ion:113 Resp: 100607

Ion Ratio Lower Upper

113 100

111 101.8 84.0 126.0

192 19.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.905 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD079504.D

Acq: 31 Jul 2024 18:55

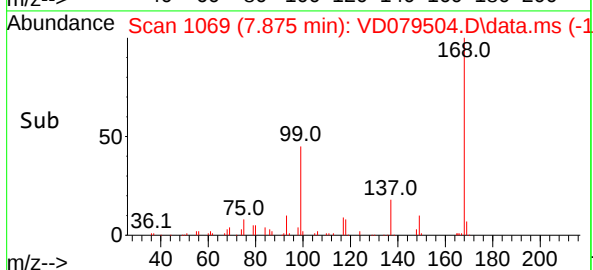
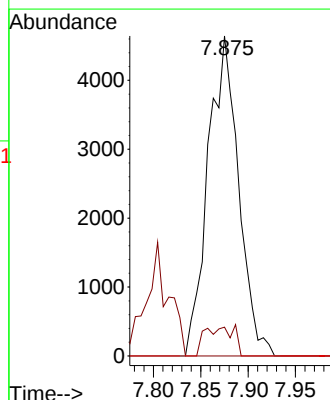
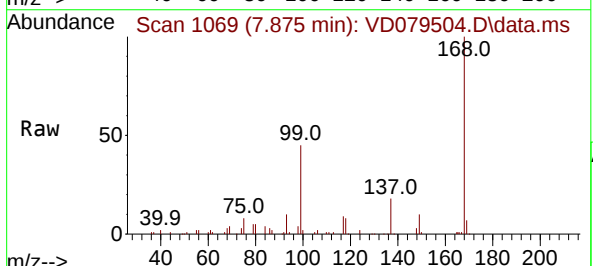
Tgt Ion: 75 Resp: 10426

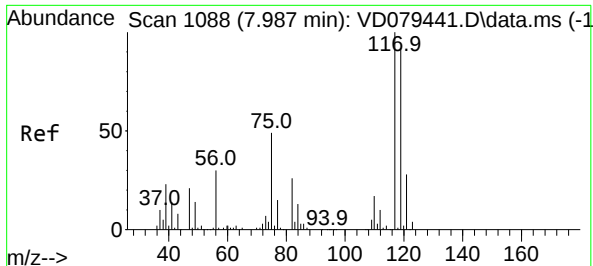
Ion Ratio Lower Upper

75 100

110 3.6 19.6 58.7#

77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 5.749 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD079504.D

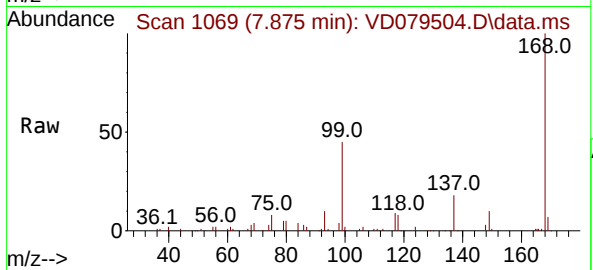
Acq: 31 Jul 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

WC-10-VOCRE



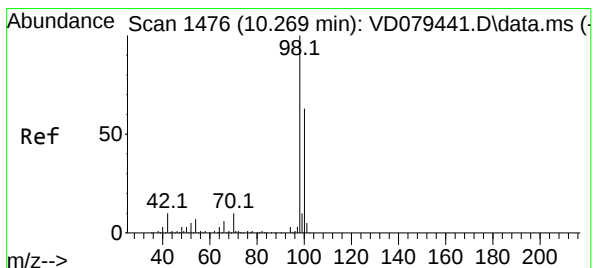
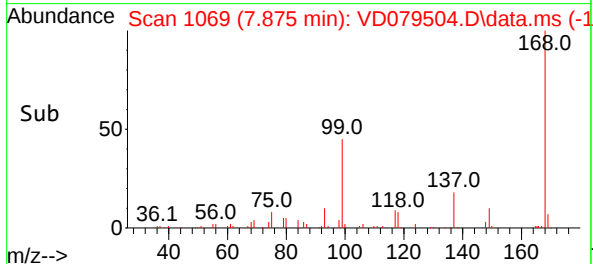
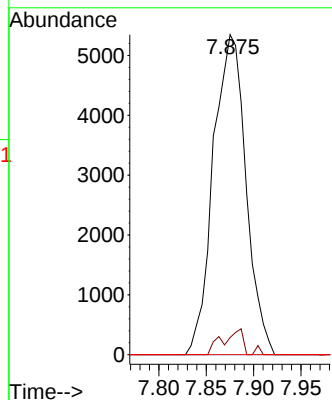
Tgt Ion:117 Resp: 12848

Ion Ratio Lower Upper

117 100

119 5.3 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 44.255 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079504.D

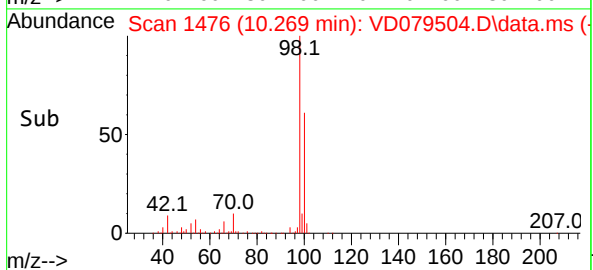
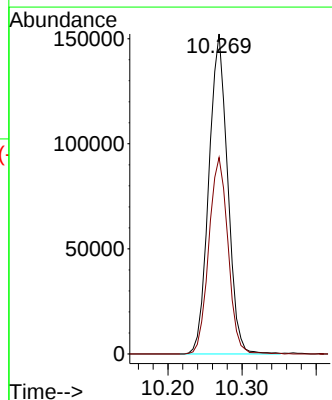
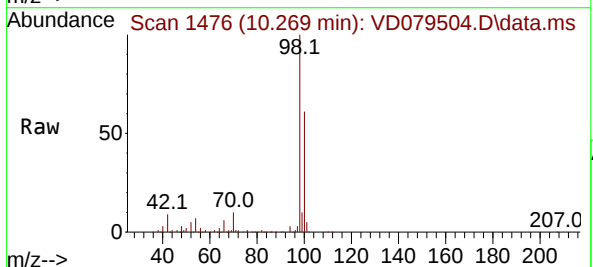
Acq: 31 Jul 2024 18:55

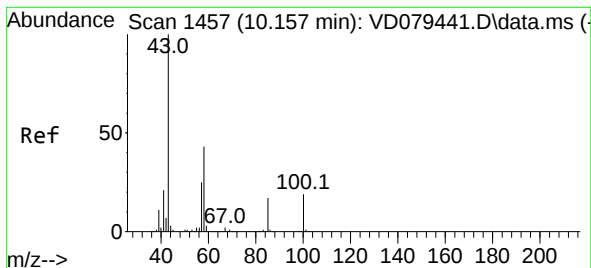
Tgt Ion: 98 Resp: 267665

Ion Ratio Lower Upper

98 100

100 62.7 51.6 77.4

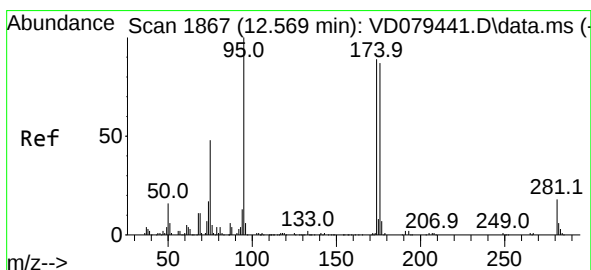
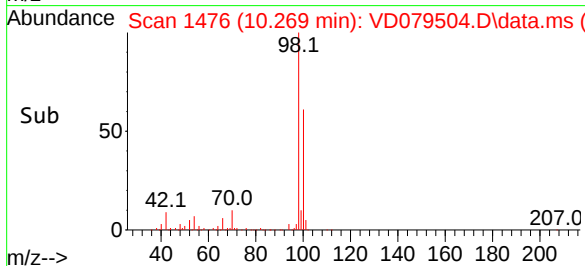
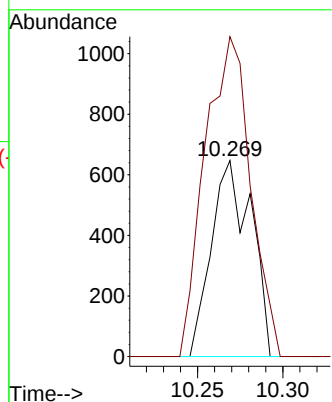
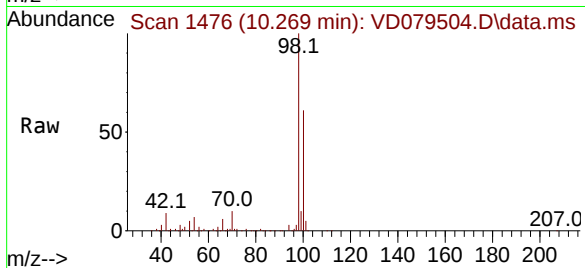




#51
4-Methyl-2-Pentanone
Concen: 1.259 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD079504.D
Acq: 31 Jul 2024 18:55

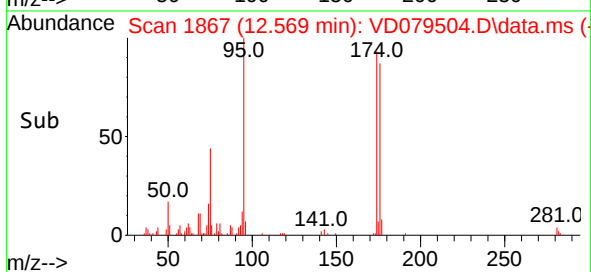
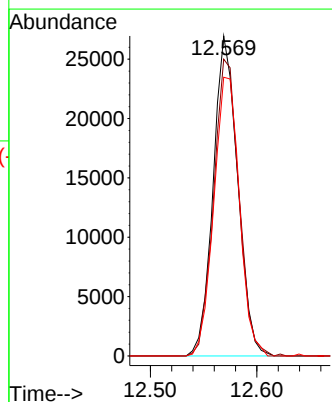
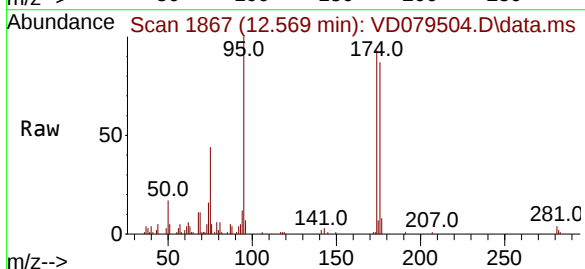
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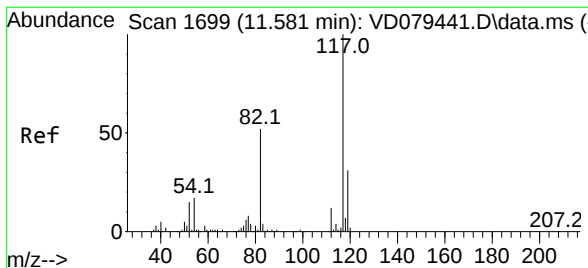
Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
58 186.9 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 24.526 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079504.D
Acq: 31 Jul 2024 18:55

Tgt Ion: 95 Resp: 42927
Ion Ratio Lower Upper
95 100
174 96.1 0.0 195.4
176 91.3 0.0 192.6

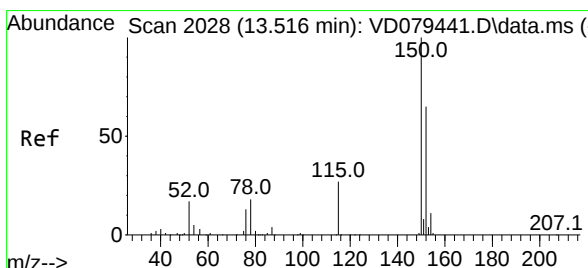
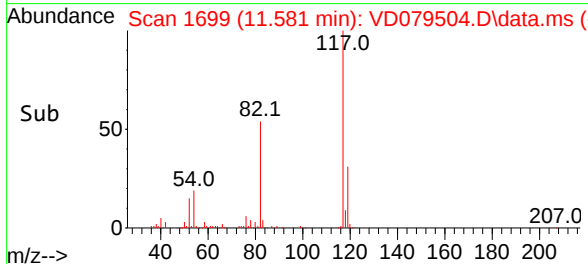
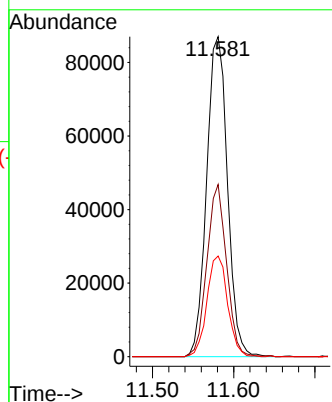
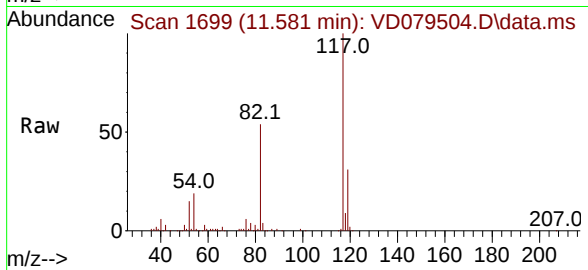




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079504.D
Acq: 31 Jul 2024 18:55

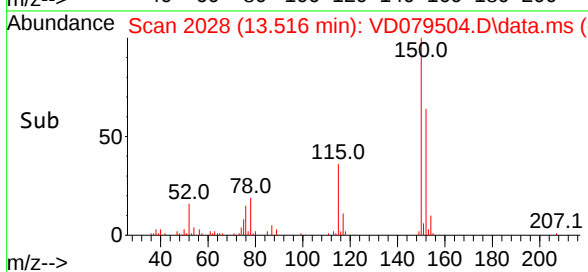
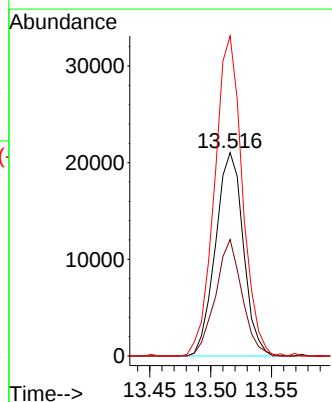
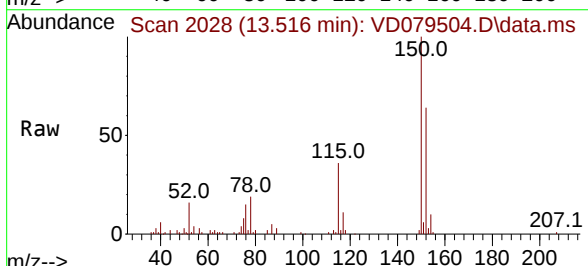
Instrument :
MSVOA_D
ClientSampleId :
WC-10-VOCRE

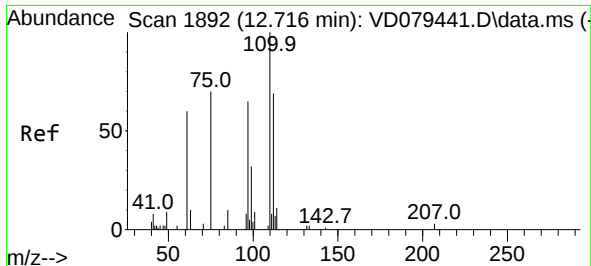
Tgt Ion:117 Resp: 155087
Ion Ratio Lower Upper
117 100
82 53.8 39.8 59.6
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079504.D
Acq: 31 Jul 2024 18:55

Tgt Ion:152 Resp: 33362
Ion Ratio Lower Upper
152 100
115 55.0 26.5 79.5
150 157.4 0.0 341.6

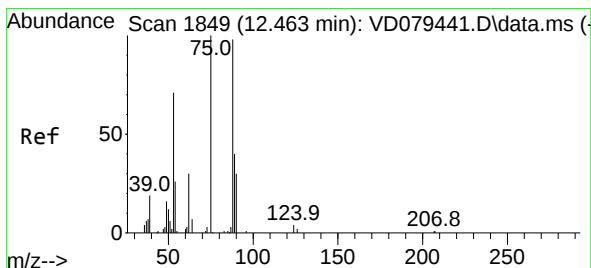
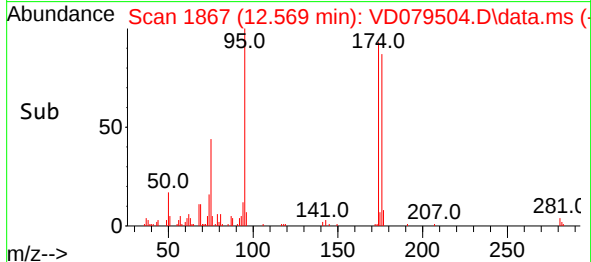
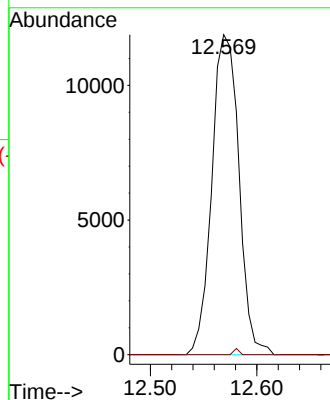
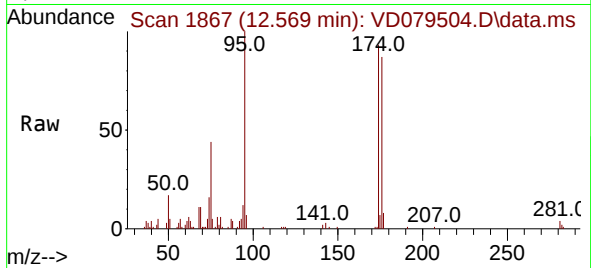




#76
 1,2,3-Trichloropropane
 Concen: 71.896 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079504.D
 Acq: 31 Jul 2024 18:55

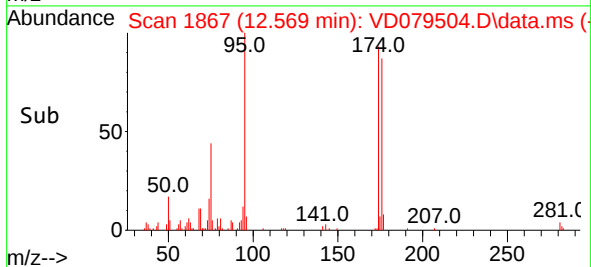
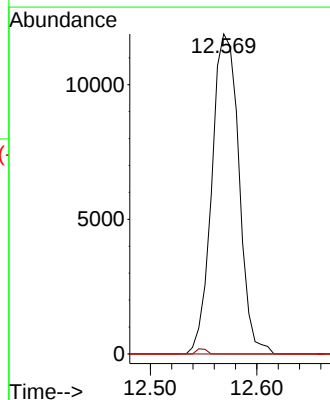
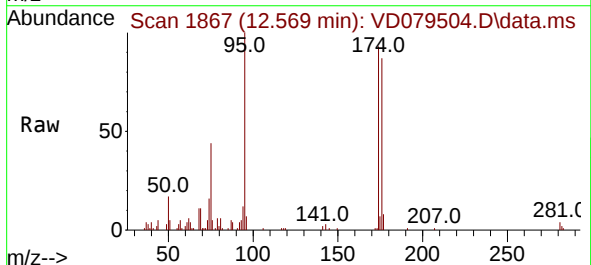
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-10-VOCRE

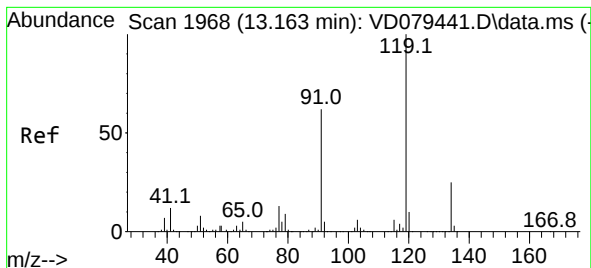
Tgt Ion: 75 Resp: 20966
 Ion Ratio Lower Upper
 75 100
 77 0.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.124 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.100 min
 Lab File: VD079504.D
 Acq: 31 Jul 2024 18:55

Tgt Ion: 75 Resp: 20966
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.4 92.2#
 89 0.0 35.4 53.0#

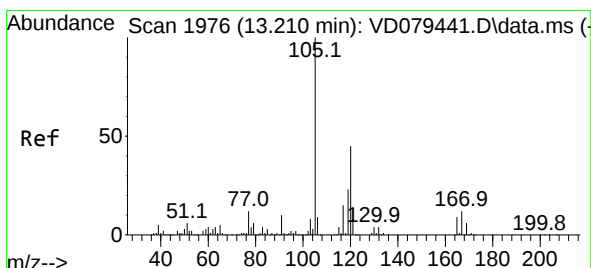
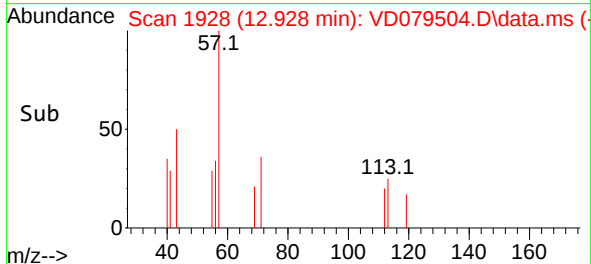
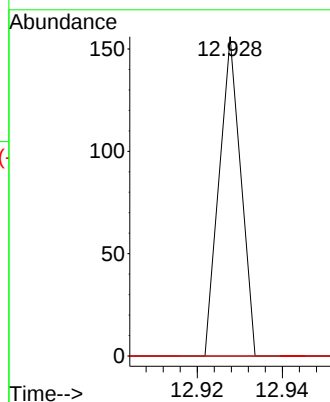
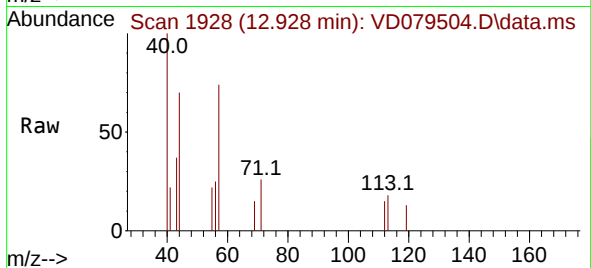




#83
tert-Butylbenzene
Concen: 3.656 ug/l
RT: 12.928 min Scan# 1928
Delta R.T. -0.235 min
Lab File: VD079504.D
Acq: 31 Jul 2024 18:55

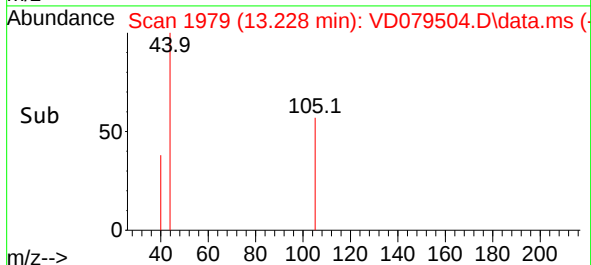
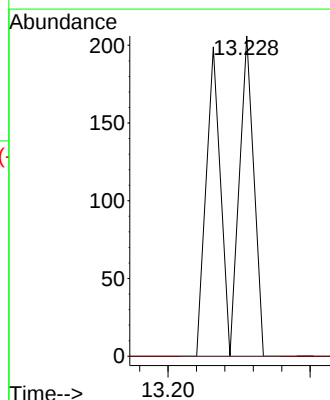
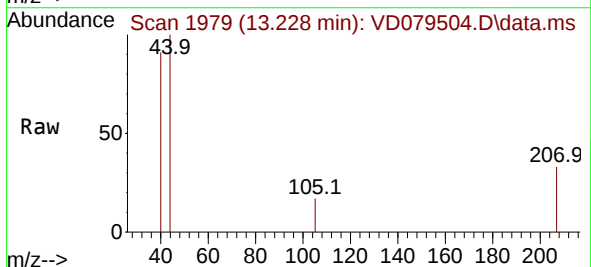
Instrument :
MSVOA_D
ClientSampleId :
WC-10-VOCRE

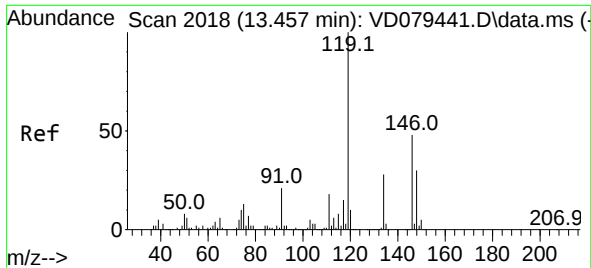
Tgt Ion:119 Resp: 55
Ion Ratio Lower Upper
119 100
91 0.0 28.2 84.7#
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 3.492 ug/l
RT: 13.228 min Scan# 1979
Delta R.T. 0.024 min
Lab File: VD079504.D
Acq: 31 Jul 2024 18:55

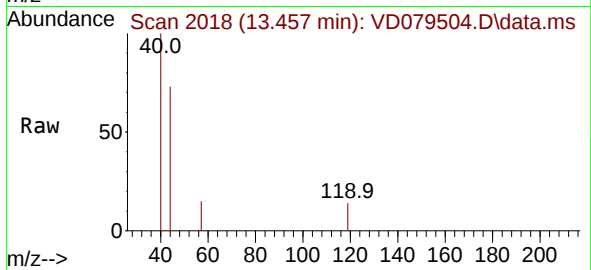
Tgt Ion:105 Resp: 143
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#





#86
 p-Isopropyltoluene
 Concen: 3.908 ug/l
 RT: 13.457 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD079504.D
 Acq: 31 Jul 2024 18:55

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-10-VOCRE



Tgt Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.7	41.1#
91	0.0	10.7	32.1#

