

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079631.D
 Acq On : 06 Aug 2024 19:01
 Operator : RP/MD
 Sample : P3374-23
 Misc : 7.63G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-13.5-14.0-072024

Quant Time: Aug 07 02:50:53 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)

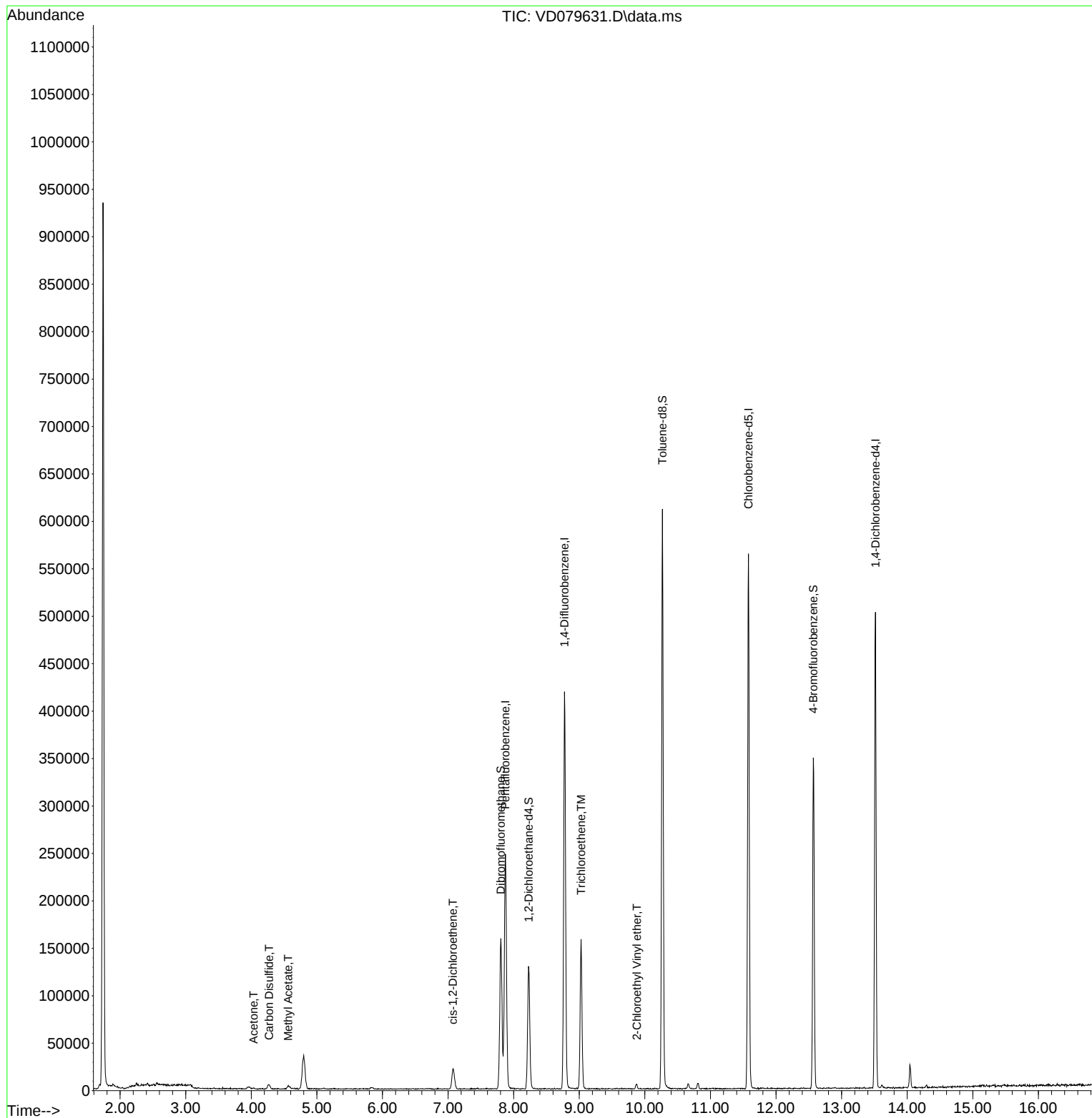
Internal Standards						
1) Pentafluorobenzene	7.875	168	195568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	379469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	329517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	140913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101322	50.998	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.000%		
35) Dibromofluoromethane	7.805	113	114369	44.529	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 89.060%		
50) Toluene-d8	10.269	98	418806	41.989	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 83.980%		
62) 4-Bromofluorobenzene	12.569	95	105123	36.421	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 72.840%		
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	1651	4.276	ug/l #	81
17) Carbon Disulfide	4.269	76	10061	1.442	ug/l	99
18) Methyl Acetate	4.563	43	7066	5.894	ug/l #	77
27) cis-1,2-Dichloroethene	7.075	96	13859	5.108	ug/l	99
44) Trichloroethene	9.028	130	55648	20.077	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.881	63	2085	1.928	ug/l	92

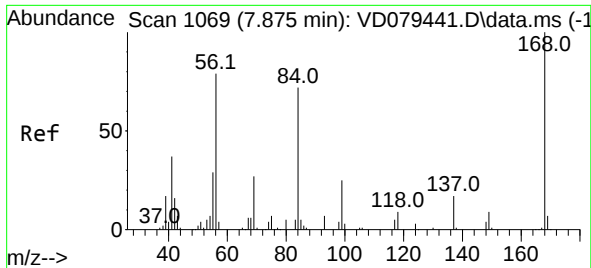
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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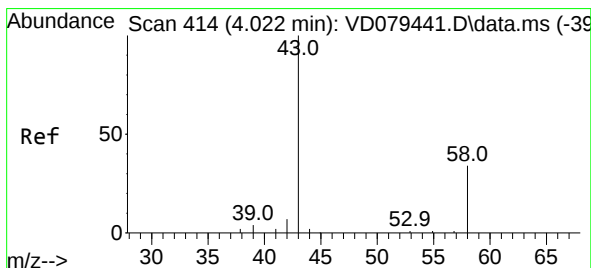
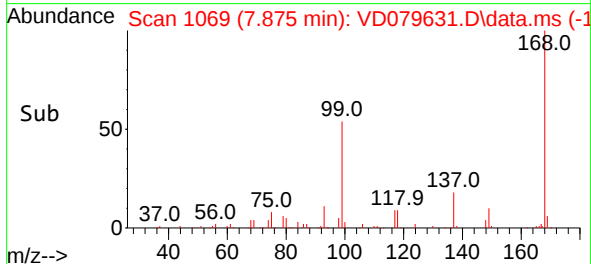
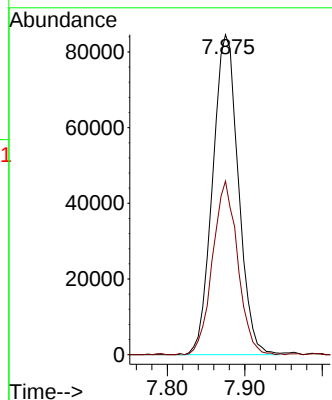
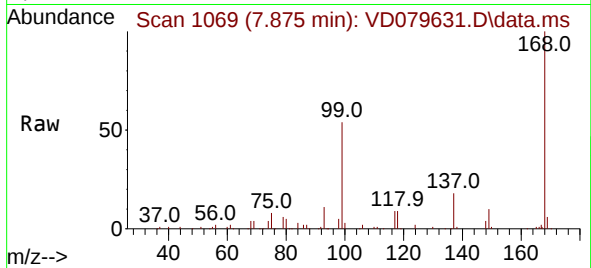




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079631.D
Acq: 06 Aug 2024 19:01

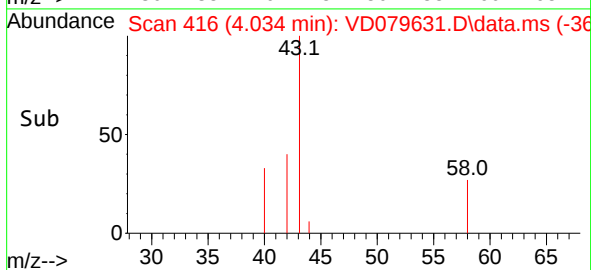
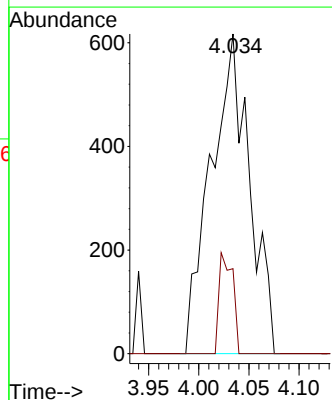
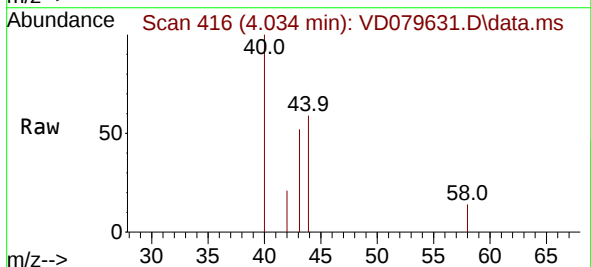
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-13.5-14.0-072024

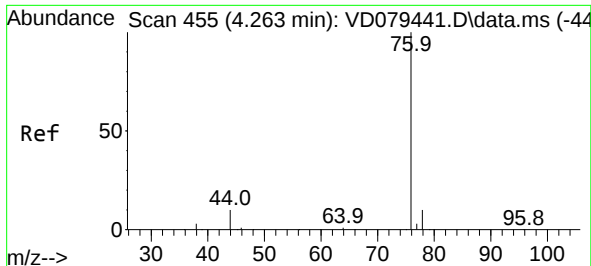
Tgt Ion:168 Resp: 195568
Ion Ratio Lower Upper
168 100
99 53.9 41.1 61.7



#16
Acetone
Concen: 4.276 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD079631.D
Acq: 06 Aug 2024 19:01

Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 26.6 30.4 45.6#

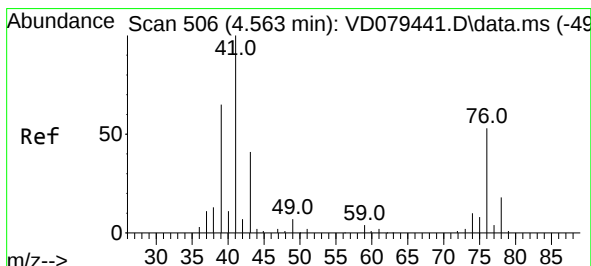
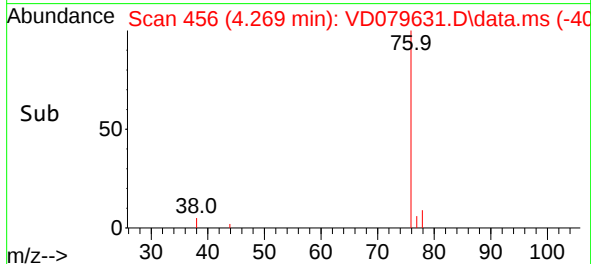
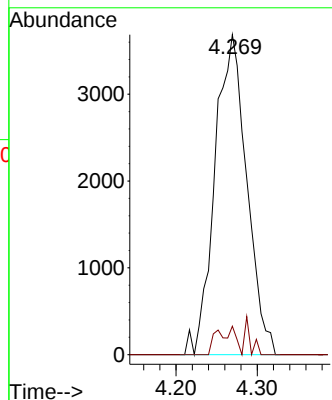
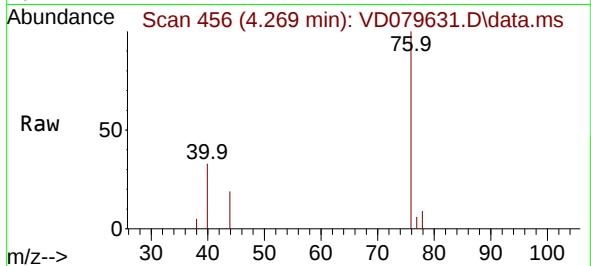




#17
Carbon Disulfide
Concen: 1.442 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079631.D
Acq: 06 Aug 2024 19:01

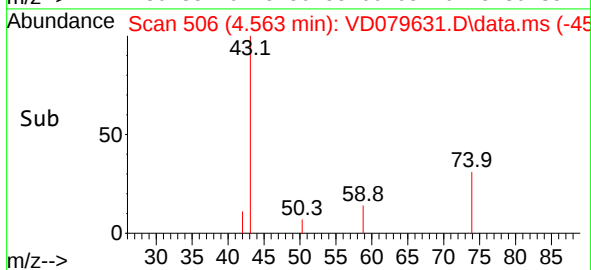
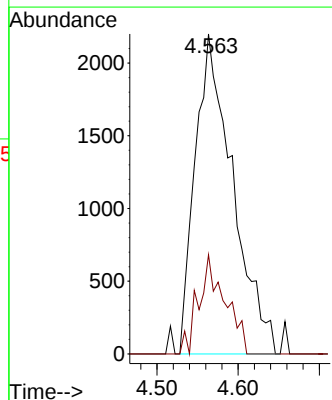
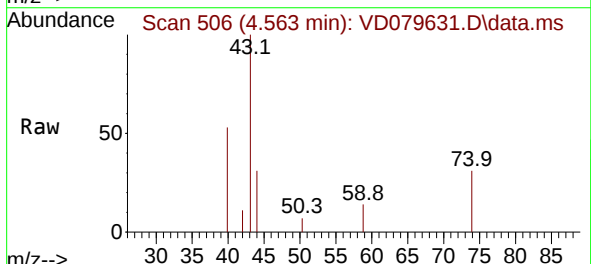
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-13.5-14.0-072024

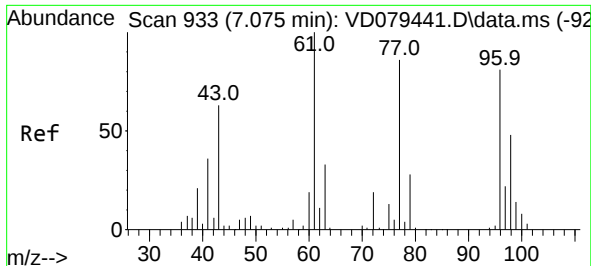
Tgt Ion: 76 Resp: 10061
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 5.894 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079631.D
Acq: 06 Aug 2024 19:01

Tgt Ion: 43 Resp: 7066
Ion Ratio Lower Upper
43 100
74 21.9 28.1 42.1#





#27

cis-1,2-Dichloroethene

Concen: 5.108 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079631.D

Acq: 06 Aug 2024 19:01

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-13.5-14.0-072024

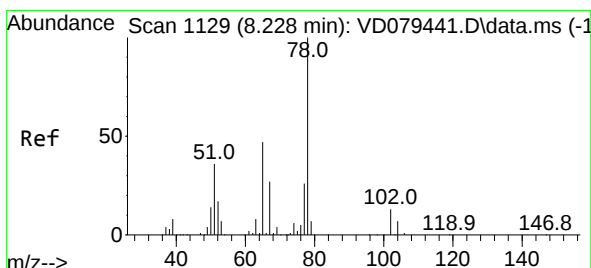
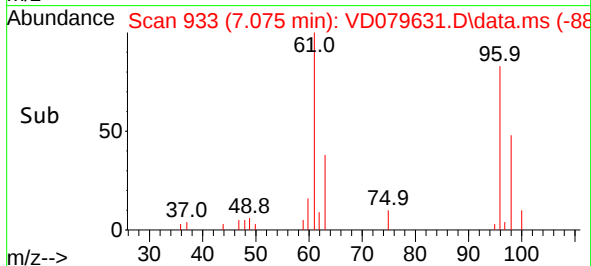
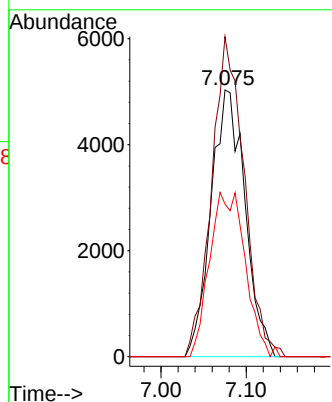
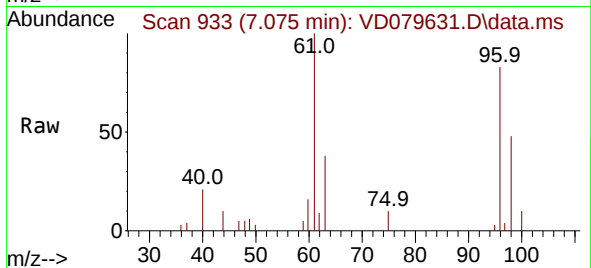
Tgt Ion: 96 Resp: 13859

Ion Ratio Lower Upper

96 100

61 115.0 0.0 229.0

98 65.0 0.0 127.2



#33

1,2-Dichloroethane-d4

Concen: 50.998 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079631.D

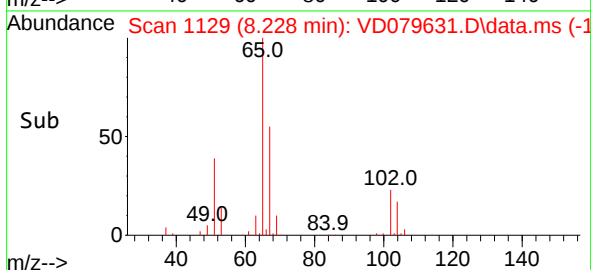
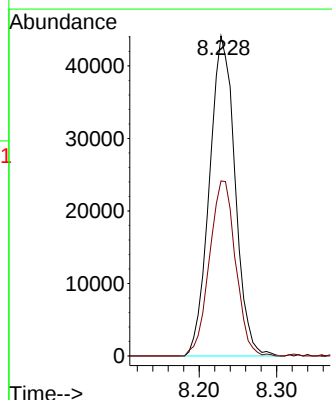
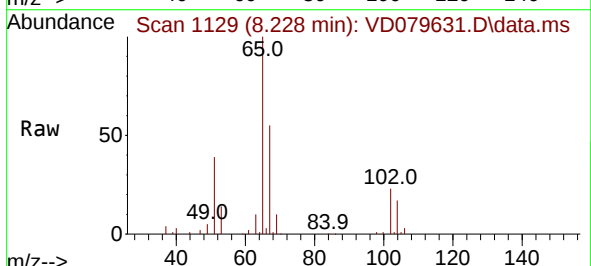
Acq: 06 Aug 2024 19:01

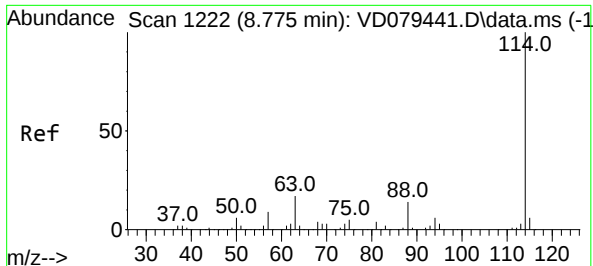
Tgt Ion: 65 Resp: 101322

Ion Ratio Lower Upper

65 100

67 55.8 0.0 111.0

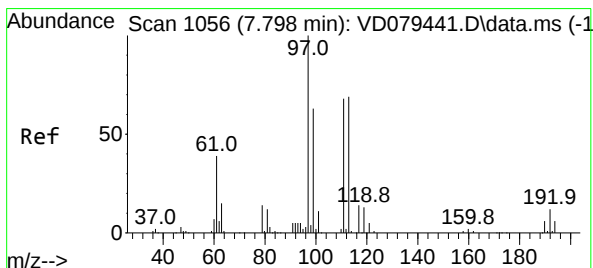
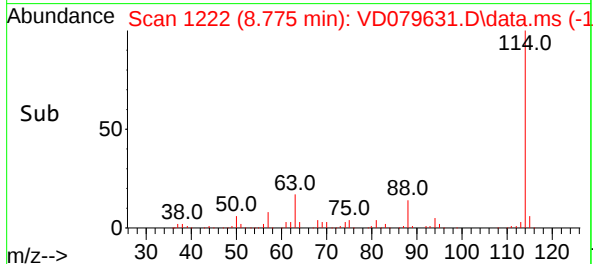
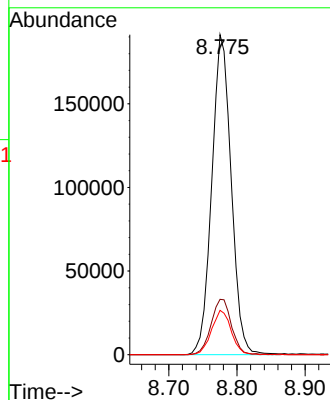
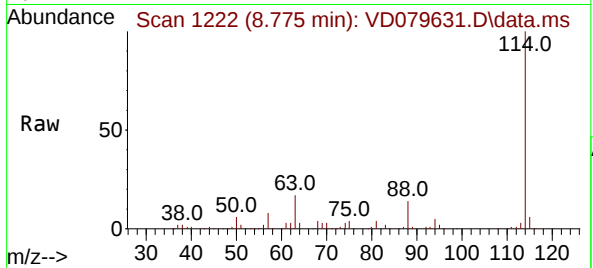




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079631.D
Acq: 06 Aug 2024 19:01

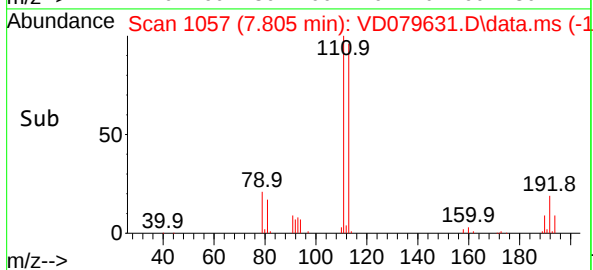
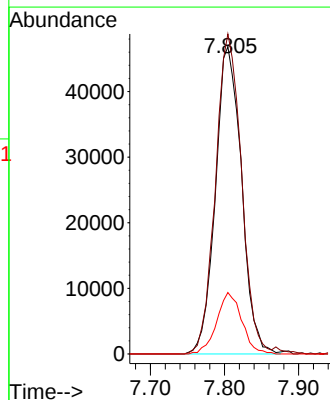
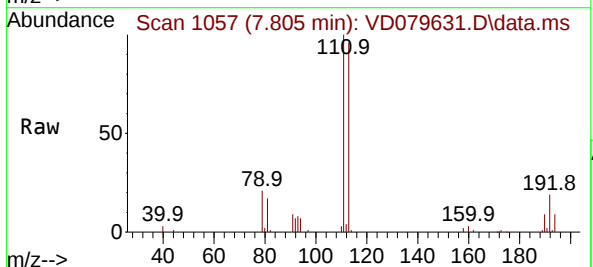
Instrument :
MSVOA_D
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S-862-K2-SO-13.5-14.0-072024

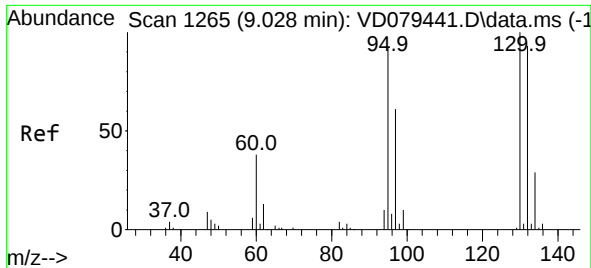
Tgt Ion:114 Resp: 379469
Ion Ratio Lower Upper
114 100
63 17.3 0.0 34.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 44.529 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079631.D
Acq: 06 Aug 2024 19:01

Tgt Ion:113 Resp: 114369
Ion Ratio Lower Upper
113 100
111 103.6 84.0 126.0
192 19.3 15.4 23.0

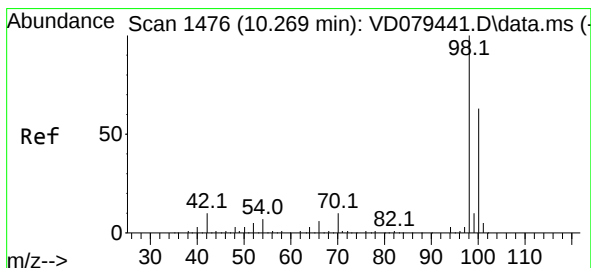
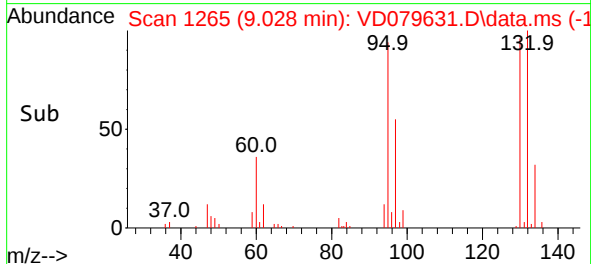
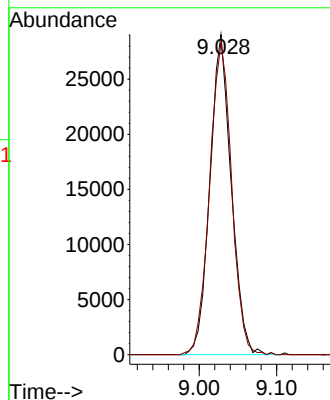
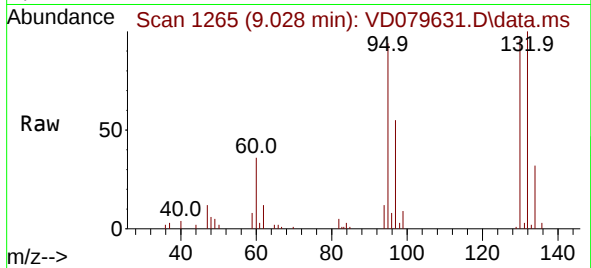




#44
Trichloroethene
Concen: 20.077 ug/l
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079631.D
Acq: 06 Aug 2024 19:01

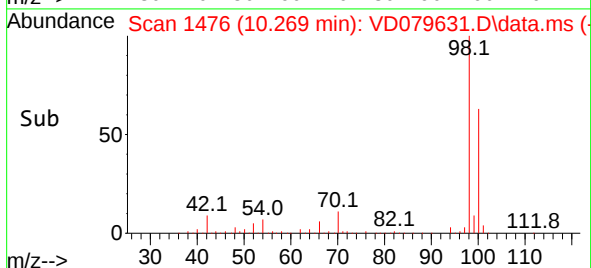
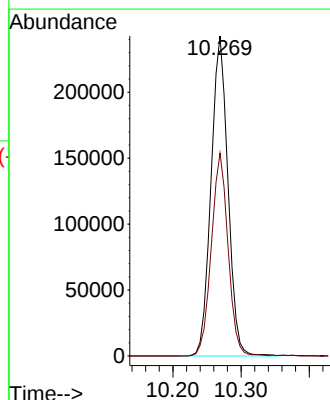
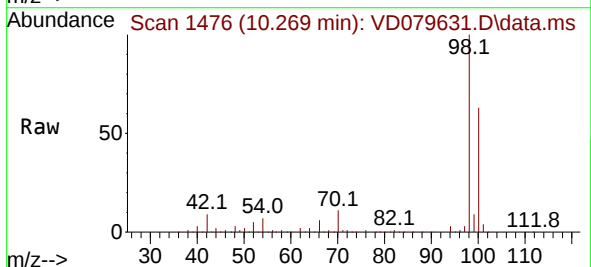
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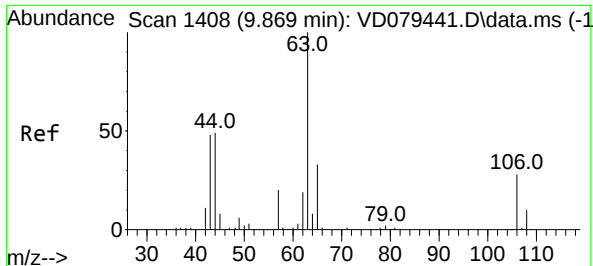
Tgt Ion:130 Resp: 55648
Ion Ratio Lower Upper
130 100
95 97.3 0.0 177.8



#50
Toluene-d8
Concen: 41.989 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079631.D
Acq: 06 Aug 2024 19:01

Tgt Ion: 98 Resp: 418806
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4

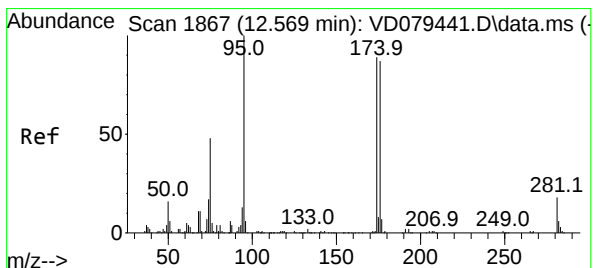
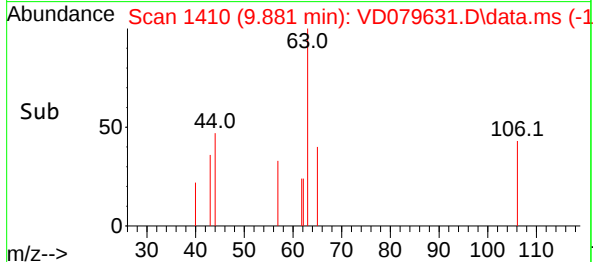
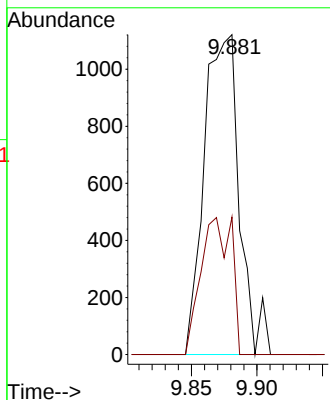
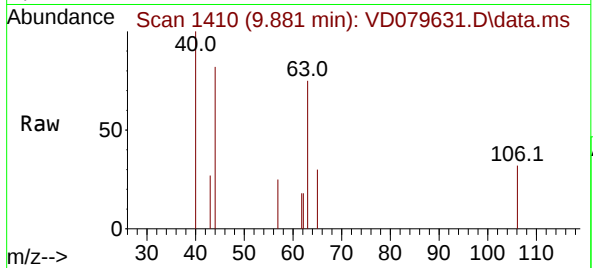




#58
2-Chloroethyl Vinyl ether
Concen: 1.928 ug/l
RT: 9.881 min Scan# 1408
Delta R.T. 0.012 min
Lab File: VD079631.D
Acq: 06 Aug 2024 19:01

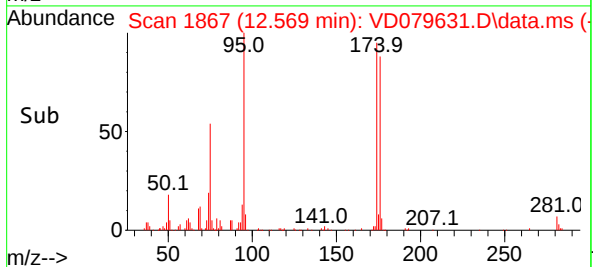
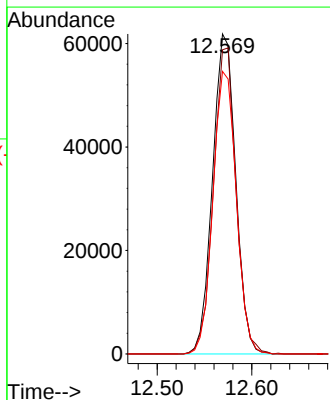
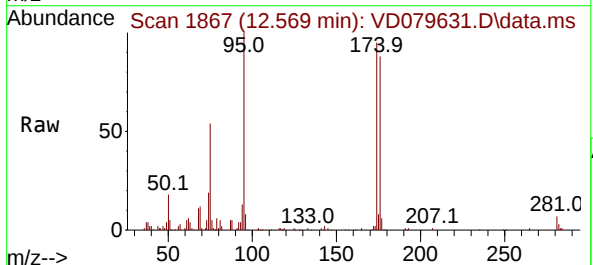
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-13.5-14.0-072024

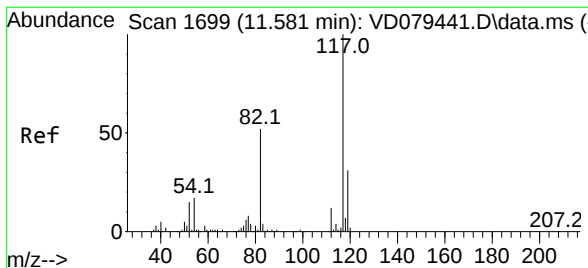
Tgt Ion: 63 Resp: 2085
Ion Ratio Lower Upper
63 100
106 37.4 26.4 39.6



#62
4-Bromofluorobenzene
Concen: 36.421 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079631.D
Acq: 06 Aug 2024 19:01

Tgt Ion: 95 Resp: 105123
Ion Ratio Lower Upper
95 100
174 93.4 0.0 195.4
176 89.2 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079631.D

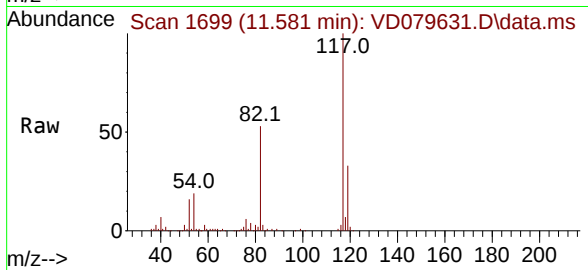
Acq: 06 Aug 2024 19:01

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-13.5-14.0-072024



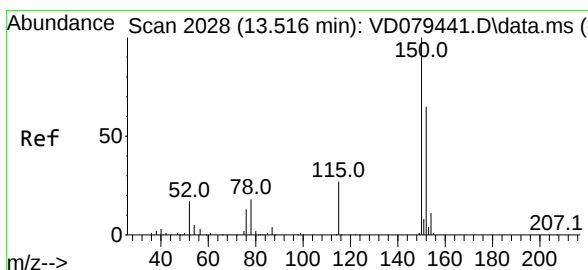
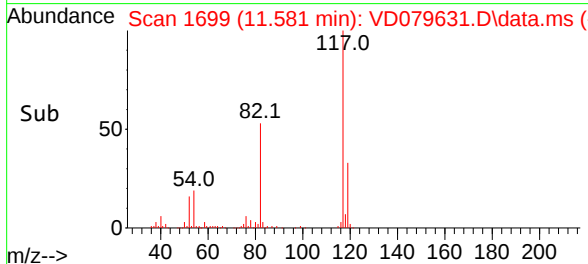
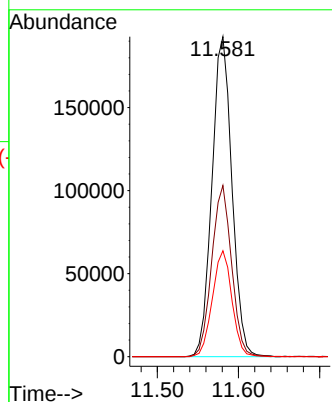
Tgt Ion:117 Resp: 329517

Ion Ratio Lower Upper

117 100

82 53.5 39.8 59.6

119 33.1 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: VD079631.D

Acq: 06 Aug 2024 19:01

Tgt Ion:152 Resp: 140913

Ion Ratio Lower Upper

152 100

115 53.9 26.5 79.5

150 155.0 0.0 341.6

