

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091824\
 Data File : VD079860.D
 Acq On : 18 Sep 2024 13:10
 Operator : RP/MD
 Sample : P4083-01
 Misc : 4.78G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 01:53:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 19 01:50:07 2024
 Response via : Initial Calibration

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

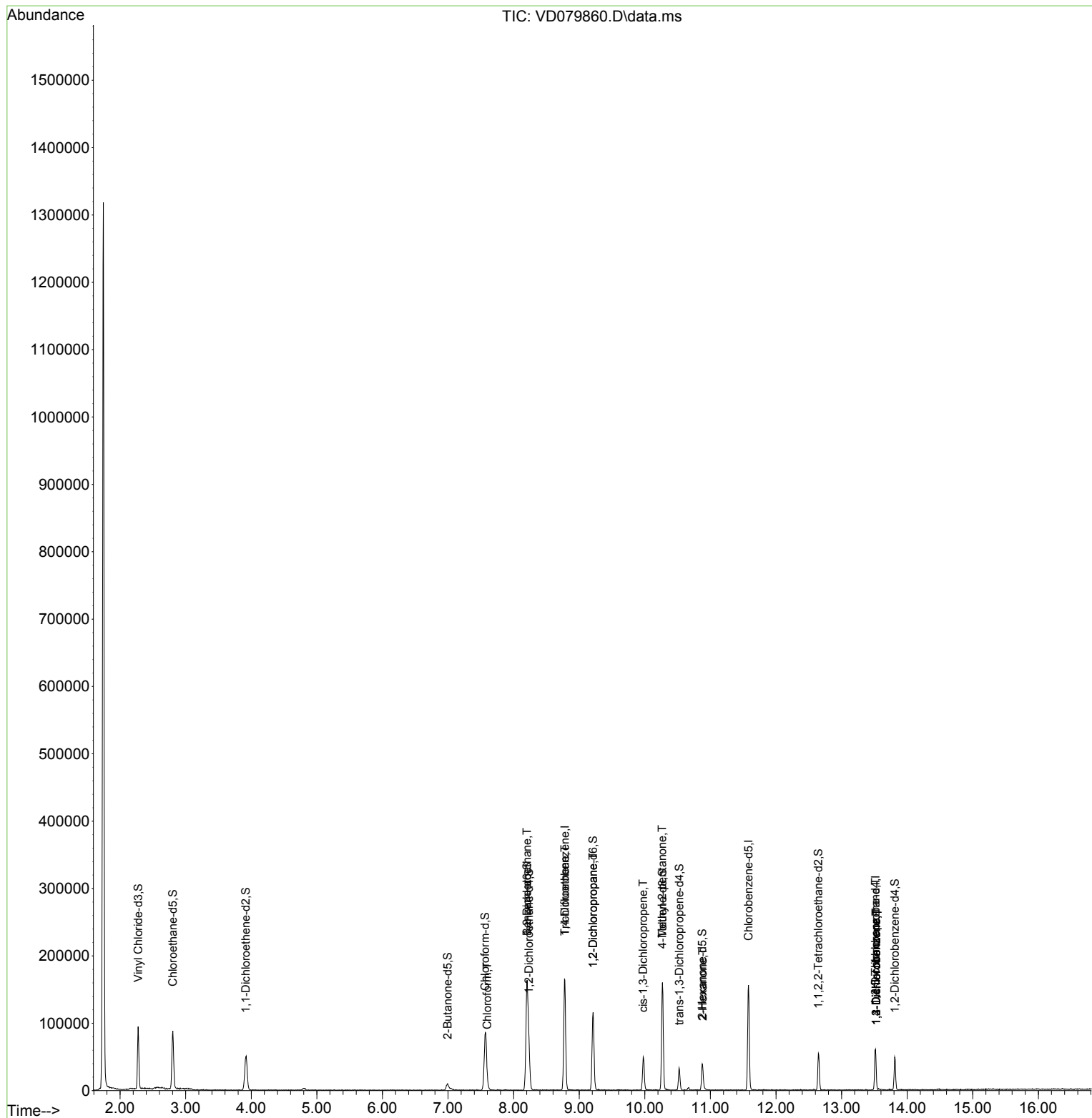
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	141146	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	87722	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	16481	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	83979	13.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.720%
7) Chloroethane-d5	2.805	69	87295	17.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.840%
11) 1,1-Dichloroethene-d2	3.917	65	15434	13.850	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.400%
21) 2-Butanone-d5	6.993	46	15961	27.990	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.980%
24) Chloroform-d	7.563	84	87701	18.902	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.600%
26) 1,2-Dichloroethane-d4	8.234	65	48188	19.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.440%
32) Benzene-d6	8.205	84	165664	26.750	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	9.210	67	57854	30.501	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.000%#
41) Toluene-d8	10.269	98	114391	20.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.960%
43) trans-1,3-Dichloroprop...	10.528	79	18003	22.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.320%
47) 2-Hexanone-d5	10.875	63	13391	43.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.620%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	27470	19.709	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.840%
66) 1,2-Dichlorobenzene-d4	13.810	152	11580	18.631	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.520%#
Target Compounds						
					Qvalue	
25) Chloroform	7.599	83	7404	1.567	ug/L	99
27) 1,2-Dichloroethane	8.205	62	1040	0.360	ug/L #	74
34) Trichloroethene	8.781	95	4584	3.037	ug/L #	8
37) 1,2-Dichloropropane	9.210	63	6285	3.528	ug/L #	100
39) cis-1,3-Dichloropropene	9.975	75	1454	0.581	ug/L	88
40) 4-Methyl-2-pentanone	10.263	43	439	0.471	ug/L #	70
48) 2-Hexanone	10.881	43	1781	2.348	ug/L #	55
61) 1,2,3-Trichloropropane	13.516	75	2446	6.038	ug/L #	61
64) 1,3-Dichlorobenzene	13.528	146	241	0.205	ug/L #	43
65) 1,4-Dichlorobenzene	13.528	146	241	0.195	ug/L #	44
67) 1,2-Dichlorobenzene	13.528	146	241	0.227	ug/L #	47

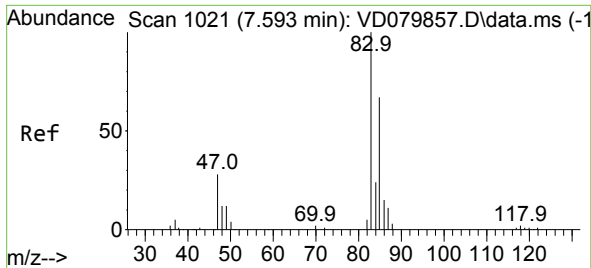
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 19 01:53:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 19 01:50:07 2024
Response via : Initial Calibration

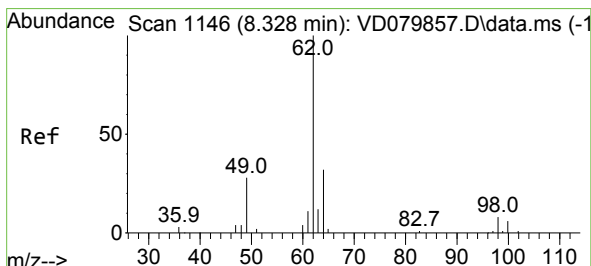
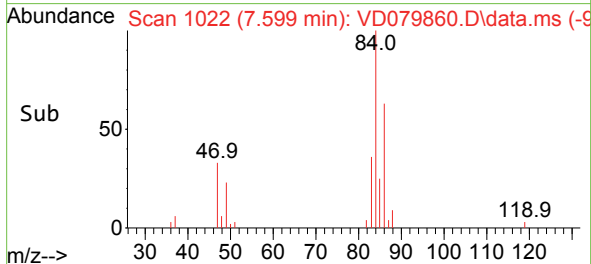
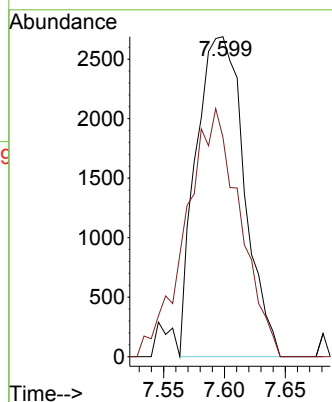
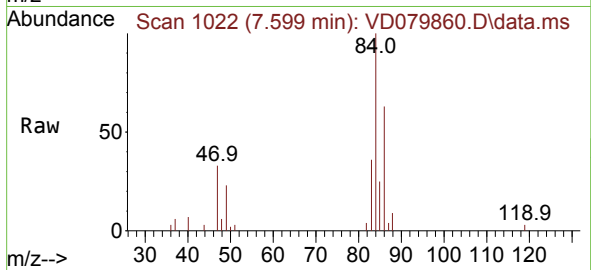




#25
Chloroform
Concen: 1.567 ug/L
RT: 7.599 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD079860.D
Acq: 18 Sep 2024 13:10

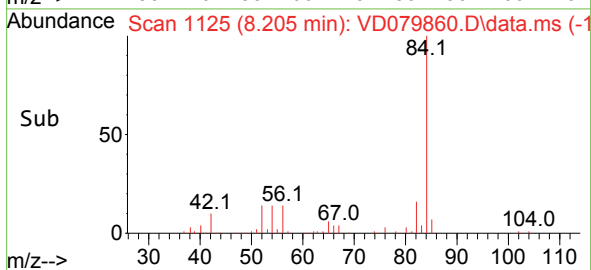
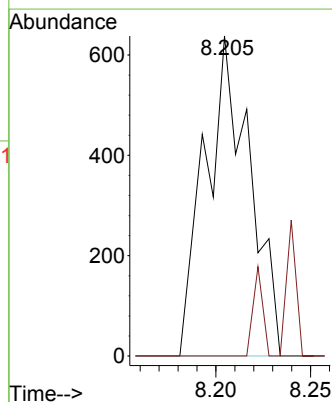
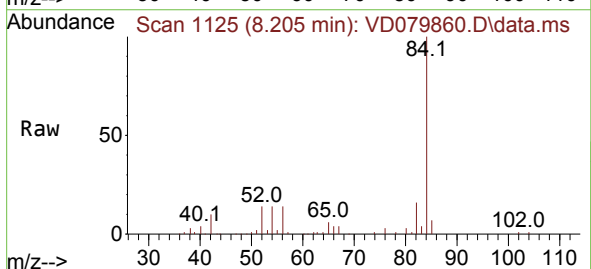
Instrument :
MSVOA_D
ClientSampleId :

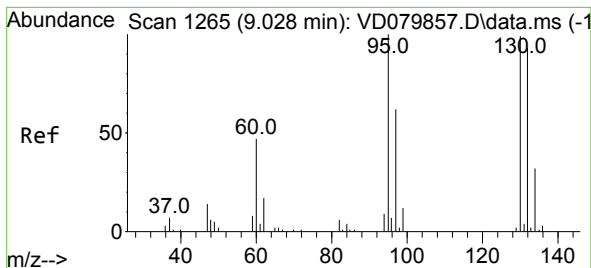
Tgt Ion: 83 Resp: 7404
Ion Ratio Lower Upper
83 100
85 68.6 47.3 87.9



#27
1,2-Dichloroethane
Concen: 0.360 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.123 min
Lab File: VD079860.D
Acq: 18 Sep 2024 13:10

Tgt Ion: 62 Resp: 1040
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 3.037 ug/L

RT: 8.781 min Scan# 1296

Delta R.T. -0.247 min

Lab File: VD079860.D

Acq: 18 Sep 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 4584

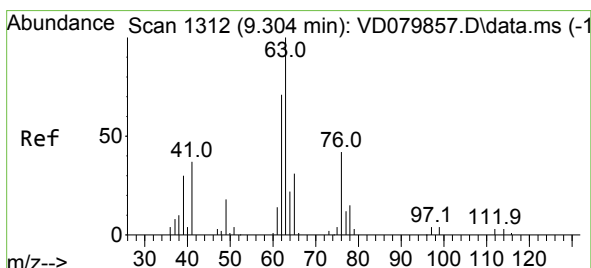
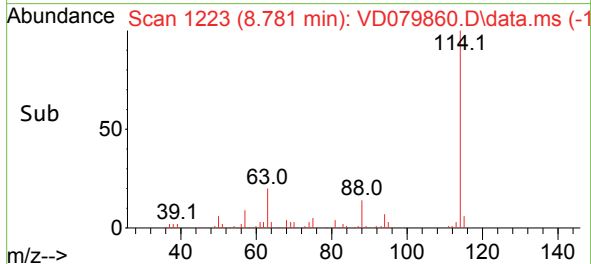
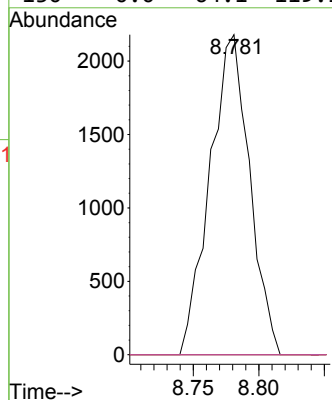
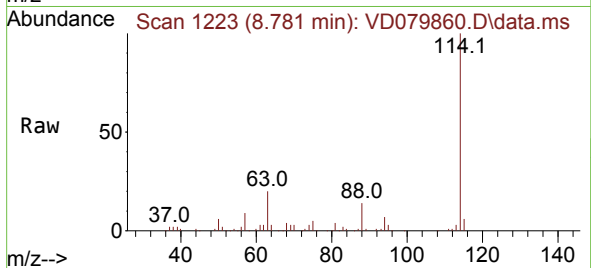
Ion Ratio Lower Upper

95 100

97 0.0 43.5 80.7#

132 0.0 64.5 119.7#

130 0.0 64.1 119.1#



#37

1,2-Dichloropropane

Concen: 3.528 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD079860.D

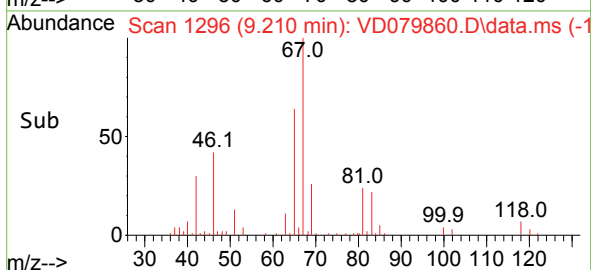
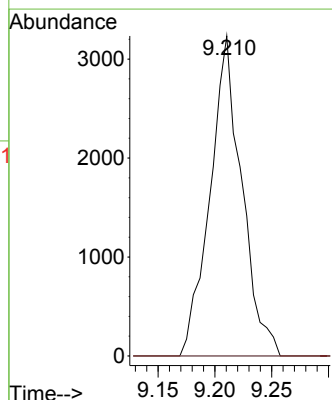
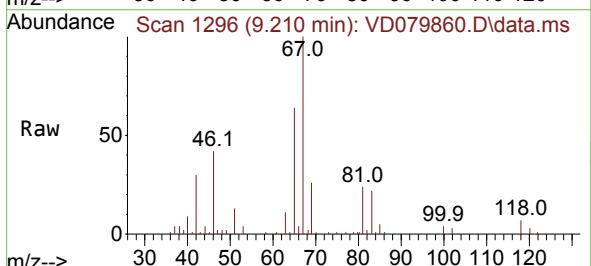
Acq: 18 Sep 2024 13:10

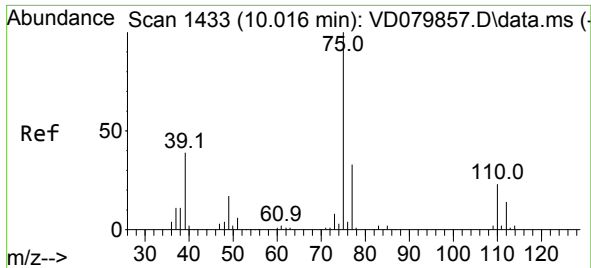
Tgt Ion: 63 Resp: 6285

Ion Ratio Lower Upper

63 100

112 0.0 0.0 0.0

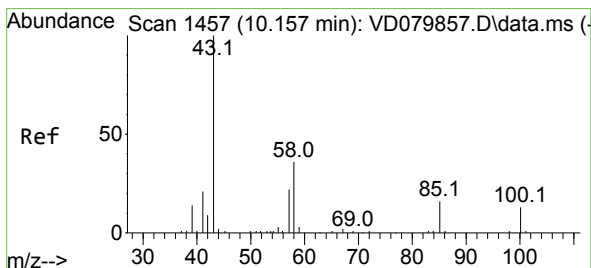
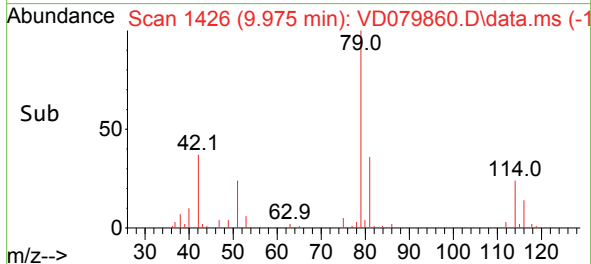
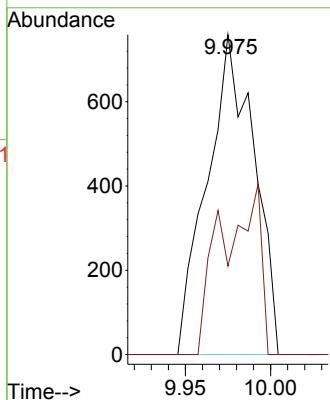
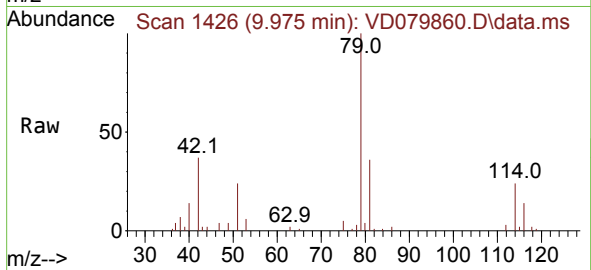




#39
 cis-1,3-Dichloropropene
 Concen: 0.581 ug/L
 RT: 9.975 min Scan# 1426
 Delta R.T. -0.041 min
 Lab File: VD079860.D
 Acq: 18 Sep 2024 13:10

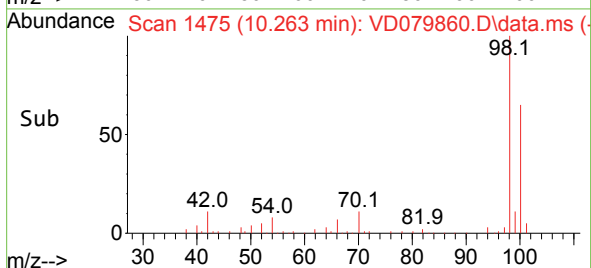
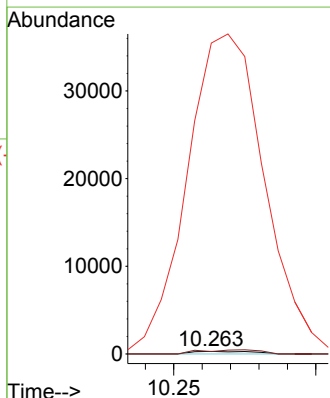
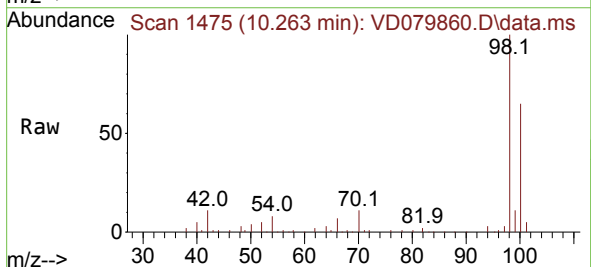
Instrument :
 MSVOA_D
 ClientSampleId :

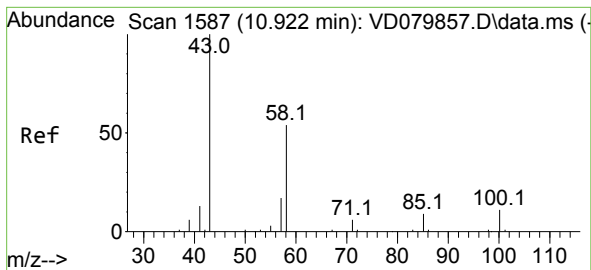
Tgt Ion: 75 Resp: 1454
 Ion Ratio Lower Upper
 75 100
 77 27.7 24.1 44.8



#40
 4-Methyl-2-pentanone
 Concen: 0.471 ug/L
 RT: 10.263 min Scan# 1475
 Delta R.T. 0.106 min
 Lab File: VD079860.D
 Acq: 18 Sep 2024 13:10

Tgt Ion: 43 Resp: 439
 Ion Ratio Lower Upper
 43 100
 58 56.3 31.1 46.7#
 100 0.0 11.8 17.6#





#48

2-Hexanone

Concen: 2.348 ug/L

RT: 10.881 min Scan# 1

Delta R.T. -0.041 min

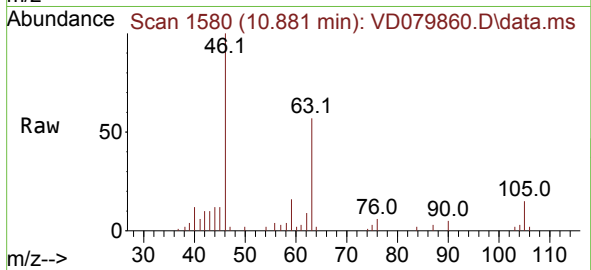
Lab File: VD079860.D

Acq: 18 Sep 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 1781

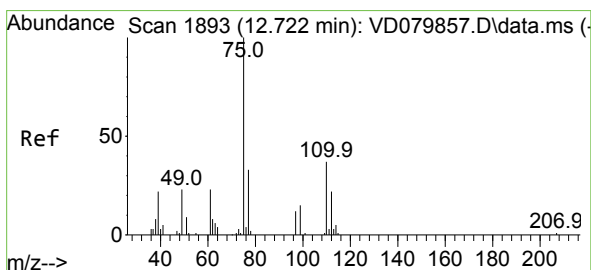
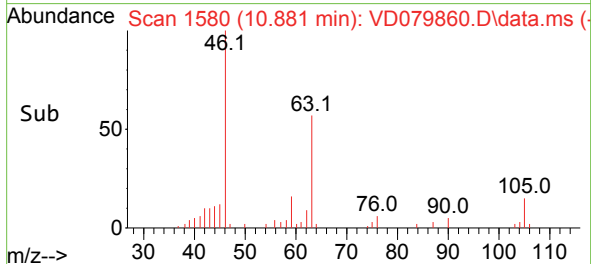
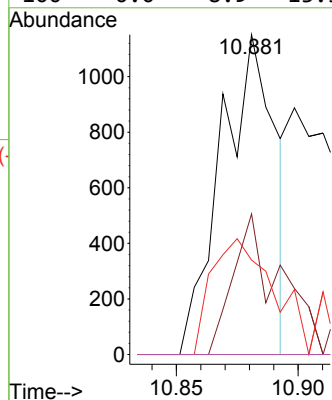
Ion Ratio Lower Upper

43 100

58 23.5 44.7 67.1#

57 41.4 13.6 20.4#

100 0.0 8.9 13.3#



#61

1,2,3-Trichloropropane

Concen: 6.038 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079860.D

Acq: 18 Sep 2024 13:10

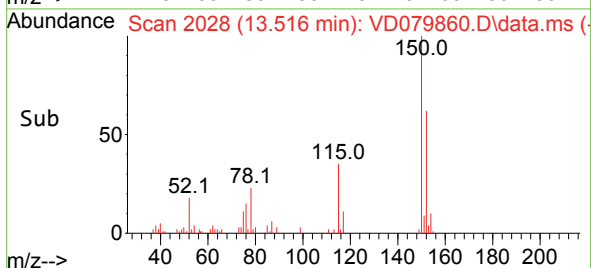
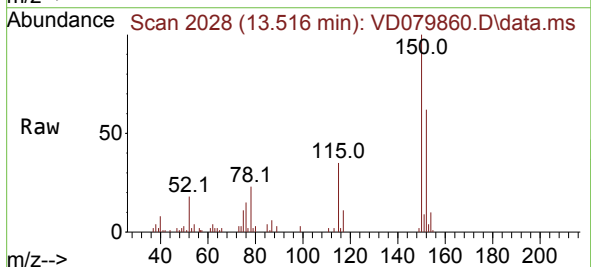
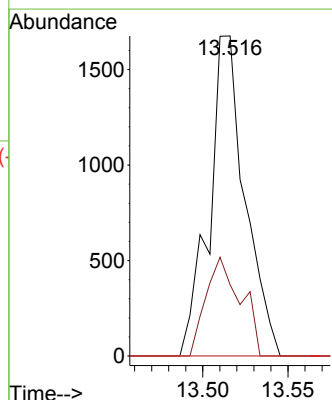
Tgt Ion: 75 Resp: 2446

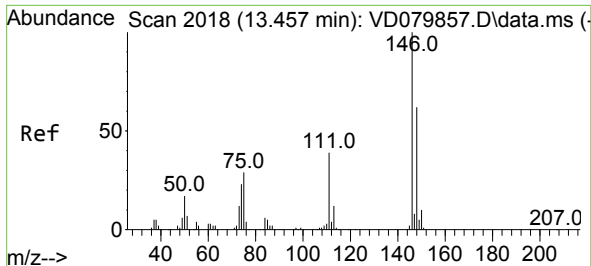
Ion Ratio Lower Upper

75 100

77 25.3 25.1 37.7

110 0.0 30.1 45.1#

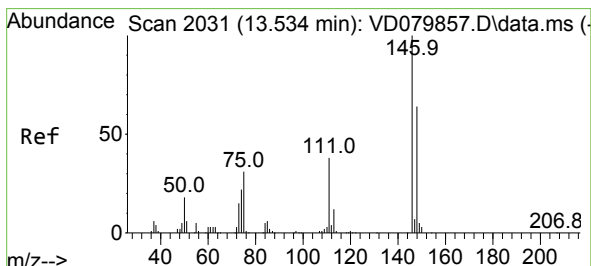
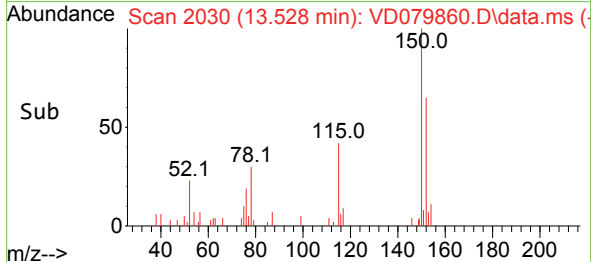
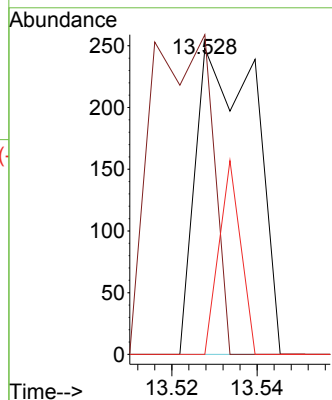
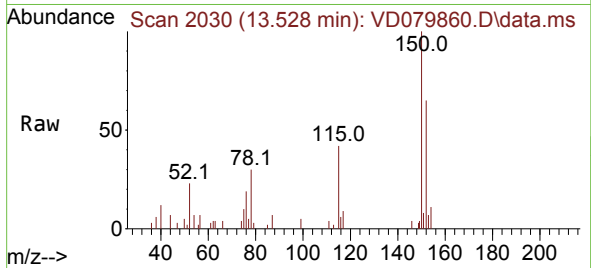




#64
1,3-Dichlorobenzene
Concen: 0.205 ug/L
RT: 13.528 min Scan# 2018
Delta R.T. 0.071 min
Lab File: VD079860.D
Acq: 18 Sep 2024 13:10

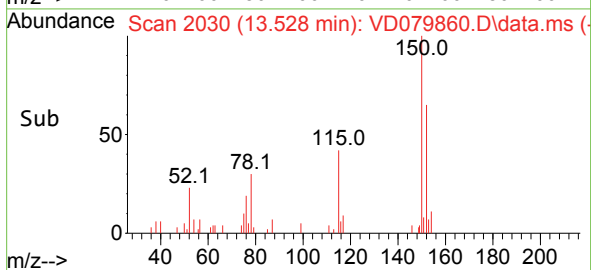
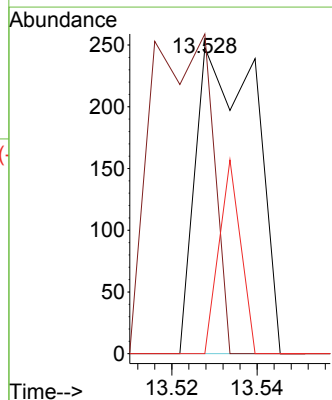
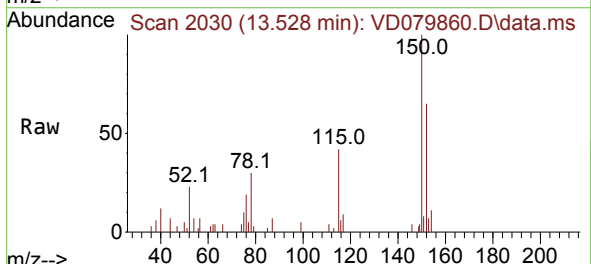
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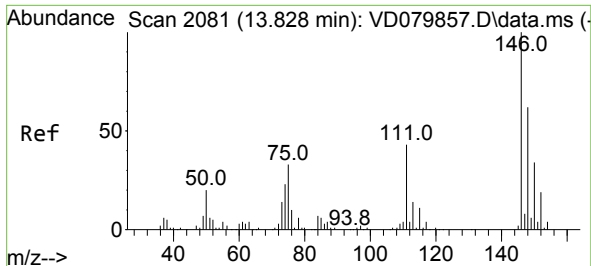
Tgt Ion:146 Resp: 241
Ion Ratio Lower Upper
146 100
111 104.4 27.4 50.8#
148 86.3 45.6 84.8#



#65
1,4-Dichlorobenzene
Concen: 0.195 ug/L
RT: 13.528 min Scan# 2030
Delta R.T. -0.006 min
Lab File: VD079860.D
Acq: 18 Sep 2024 13:10

Tgt Ion:146 Resp: 241
Ion Ratio Lower Upper
146 100
111 104.4 27.6 51.4#
148 86.3 46.1 85.7#





#67

1,2-Dichlorobenzene

Concen: 0.227 ug/L

RT: 13.528 min Scan# 20

Delta R.T. -0.300 min

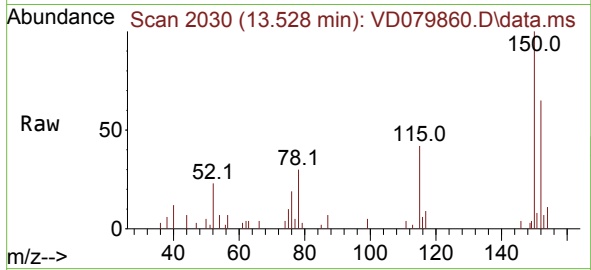
Lab File: VD079860.D

Acq: 18 Sep 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:146 Resp: 241

Ion Ratio Lower Upper

146 100

111 104.4 36.9 55.3#

148 86.3 51.8 77.8#

