

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061824\
 Data File : VD079196.D
 Acq On : 18 Jun 2024 10:50
 Operator : RP/MD
 Sample : VD0618SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 19 07:17:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 07:16:52 2024
 Response via : Initial Calibration

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

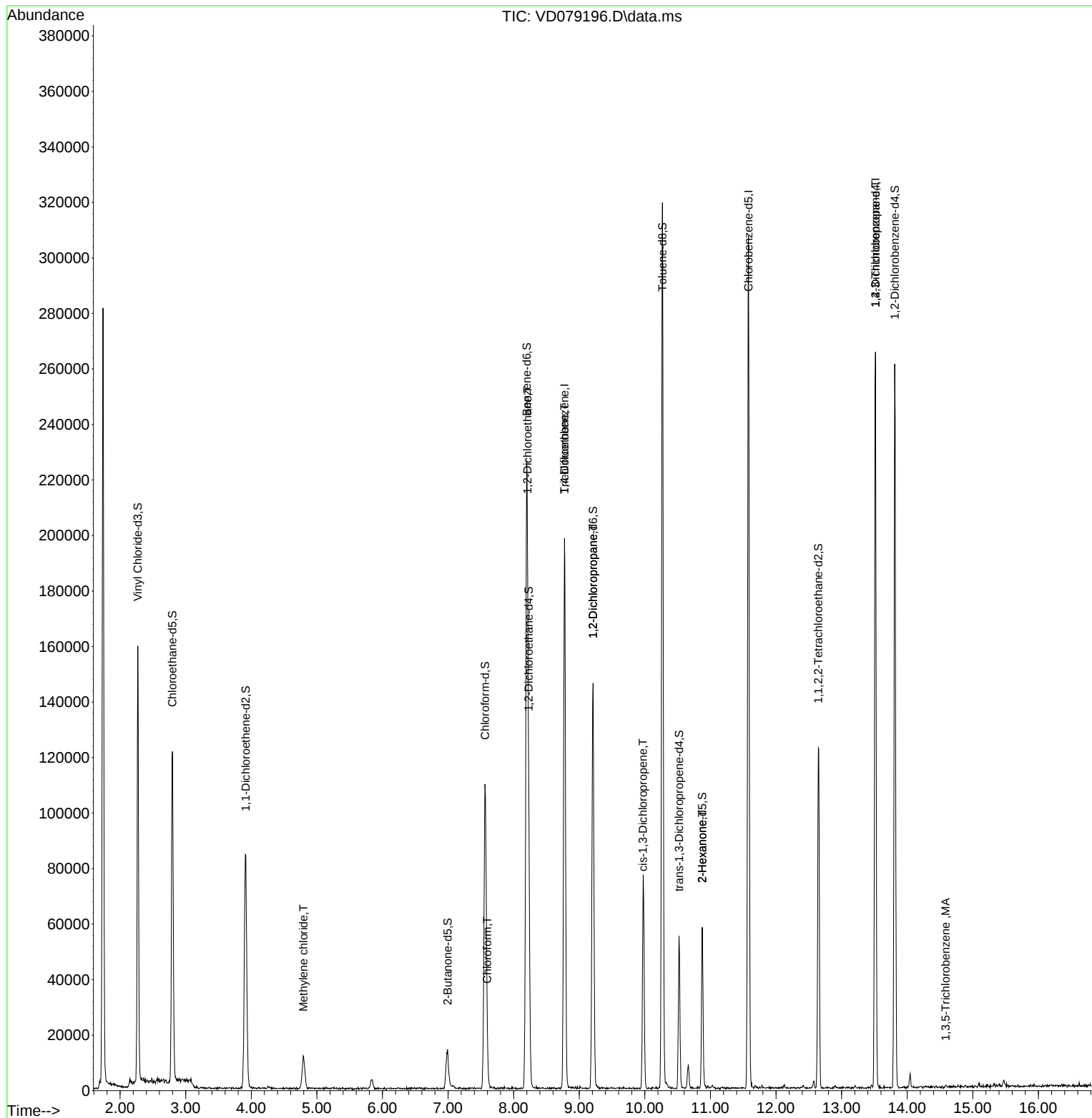
Internal Standards							
1) 1,4-Difluorobenzene		8.775	114	189274	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.580	117	191745	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.516	152	78564	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.269	65	145996	25.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.280%	
7) Chloroethane-d5		2.799	69	130767	23.219	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.880%	
11) 1,1-Dichloroethene-d2		3.916	65	23124	22.364	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.440%	
21) 2-Butanone-d5		6.992	46	23814	53.455	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.900%	
24) Chloroform-d		7.563	84	119089	22.503	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4		8.228	65	62567	25.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.520%	
32) Benzene-d6		8.198	84	252705	23.774	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.080%	
36) 1,2-Dichloropropane-d6		9.210	67	75103	24.528	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%	
41) Toluene-d8		10.269	98	231601	23.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.080%	
43) trans-1,3-Dichloroprop...		10.522	79	31413	24.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.640%	
47) 2-Hexanone-d5		10.875	63	19854	50.157	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.320%	
56) 1,1,2,2-Tetrachloroeth...		12.645	84	66227	24.419	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.680%	
66) 1,2-Dichlorobenzene-d4		13.810	152	74367	27.428	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.720%	
Target Compounds						Qvalue	
16) Methylene chloride		4.793	84	7192	2.133	ug/L	87
25) Chloroform		7.598	83	8766	1.693	ug/L	80
27) 1,2-Dichloroethane		8.210	62	988	0.329	ug/L #	72
34) Trichloroethene		8.775	95	4852	1.650	ug/L #	1
37) 1,2-Dichloropropane		9.210	63	7601	2.717	ug/L #	85
39) cis-1,3-Dichloropropene		9.969	75	2119	0.485	ug/L #	51
48) 2-Hexanone		10.875	43	2150	2.128	ug/L #	43
61) 1,2,3-Trichloropropane		13.516	75	8965	6.463	ug/L #	58
69) 1,3,5-Trichlorobenzene		14.586	180	422	0.134	ug/L #	77

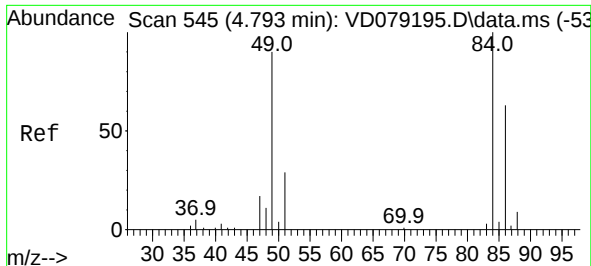
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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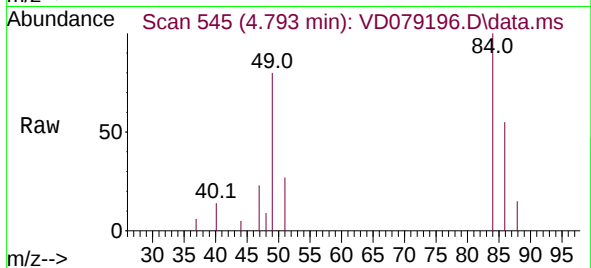
Quant Time: Jun 19 07:17:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 19 07:16:52 2024
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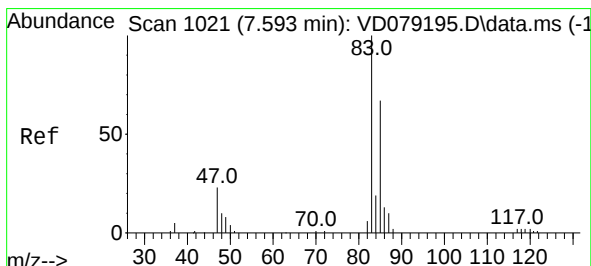
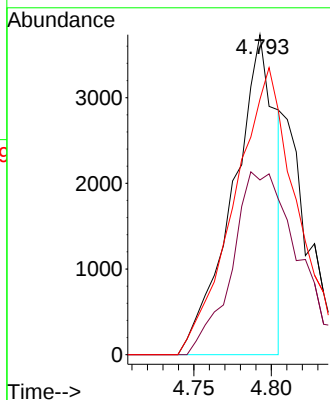
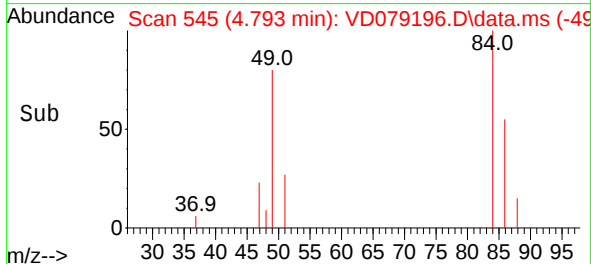


#16
Methylene chloride
Concen: 2.133 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079196.D
Acq: 18 Jun 2024 10:50

Instrument :
MSVOA_D
ClientSampleId :

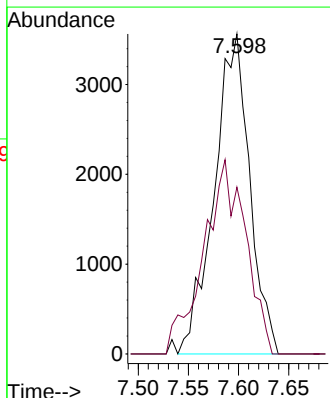
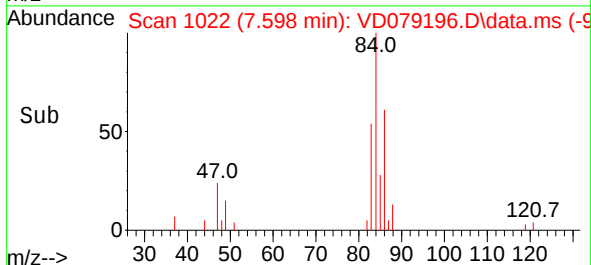
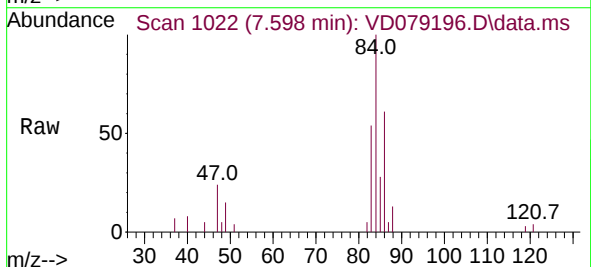


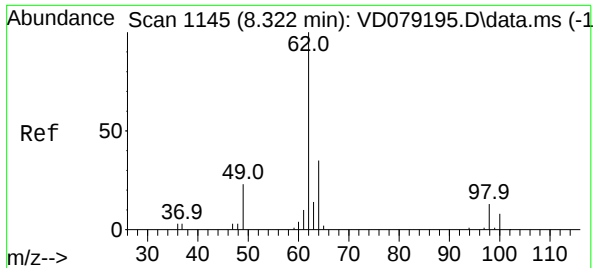
Tgt Ion: 84 Resp: 7192
Ion Ratio Lower Upper
84 100
86 54.6 40.9 76.0
49 79.8 67.5 125.3



#25
Chloroform
Concen: 1.693 ug/L
RT: 7.598 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD079196.D
Acq: 18 Jun 2024 10:50

Tgt Ion: 83 Resp: 8766
Ion Ratio Lower Upper
83 100
85 52.1 47.9 89.1

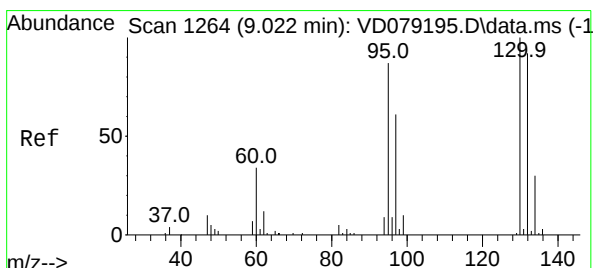
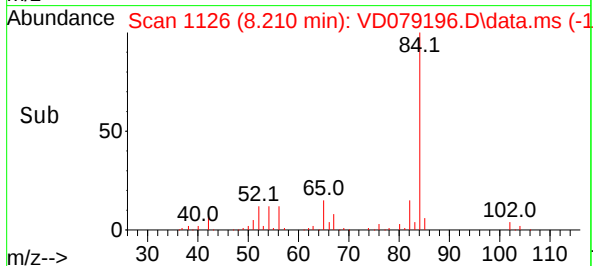
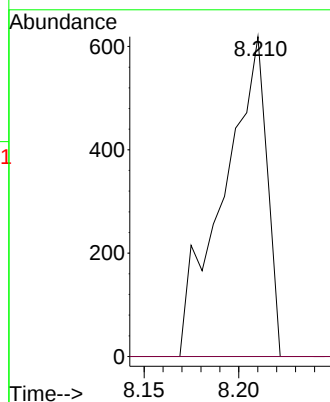
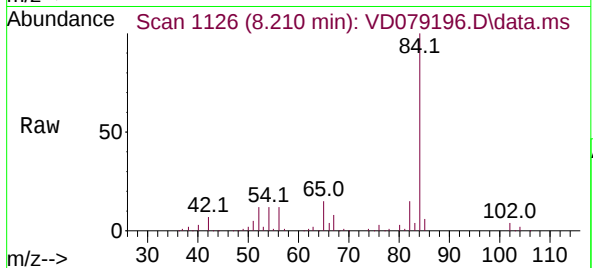




#27
1,2-Dichloroethane
Concen: 0.329 ug/L
RT: 8.210 min Scan# 1145
Delta R.T. -0.112 min
Lab File: VD079196.D
Acq: 18 Jun 2024 10:50

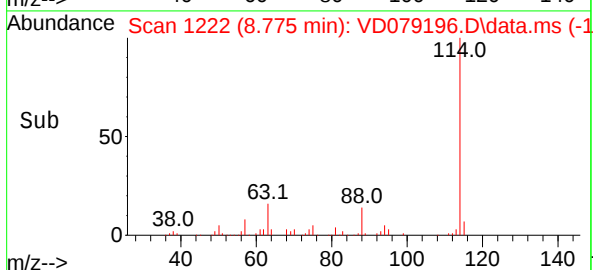
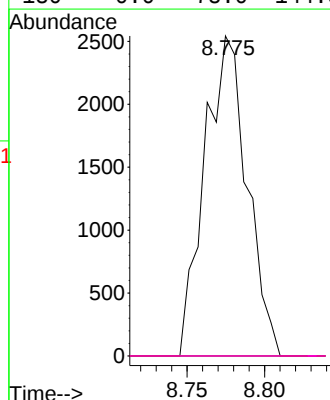
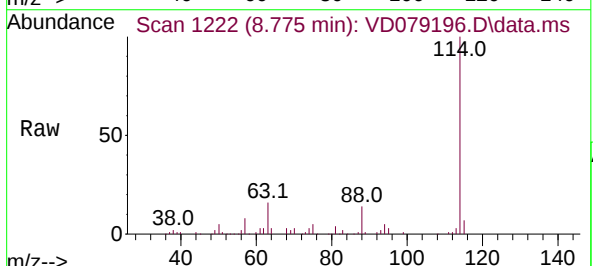
Instrument :
MSVOA_D
ClientSampleId :

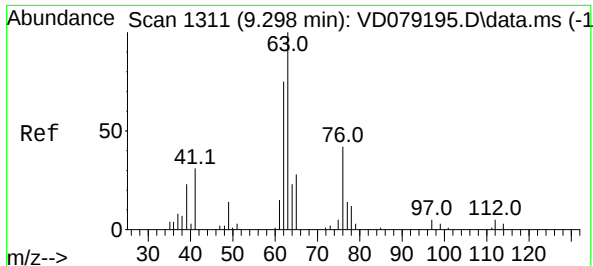
Tgt Ion: 62 Resp: 988
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#34
Trichloroethene
Concen: 1.650 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.247 min
Lab File: VD079196.D
Acq: 18 Jun 2024 10:50

Tgt Ion: 95 Resp: 4852
Ion Ratio Lower Upper
95 100
97 0.0 44.6 82.8#
132 0.0 74.9 139.1#
130 0.0 78.0 144.8#

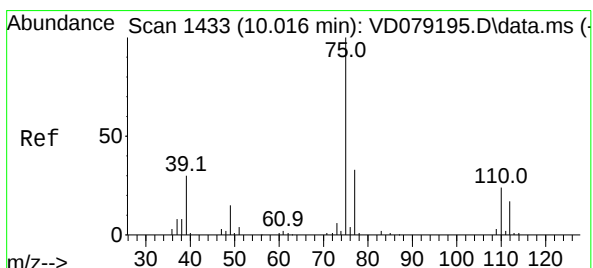
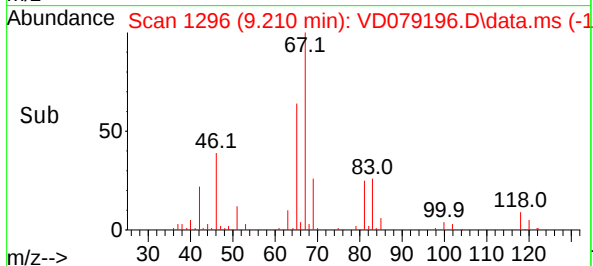
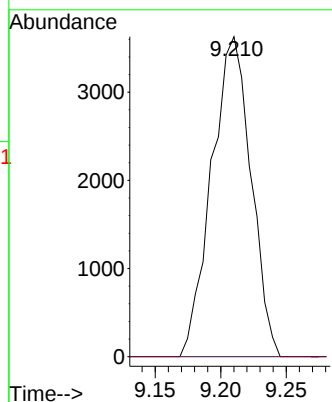
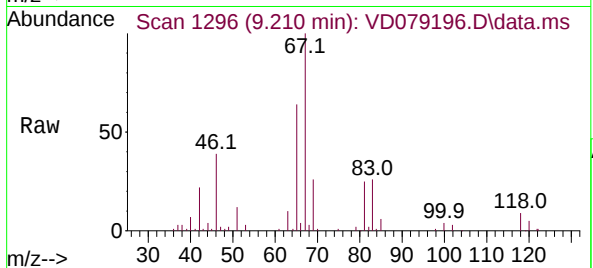




#37
1,2-Dichloropropane
Concen: 2.717 ug/L
RT: 9.210 min Scan# 1425
Delta R.T. -0.088 min
Lab File: VD079196.D
Acq: 18 Jun 2024 10:50

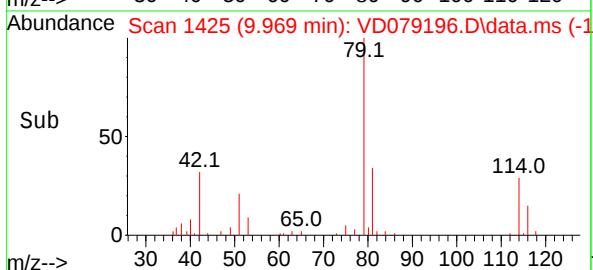
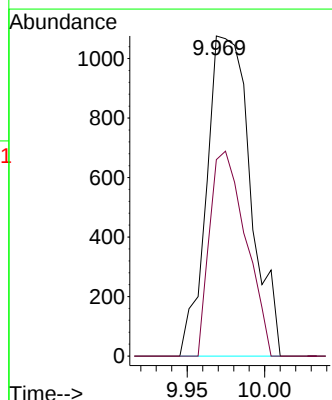
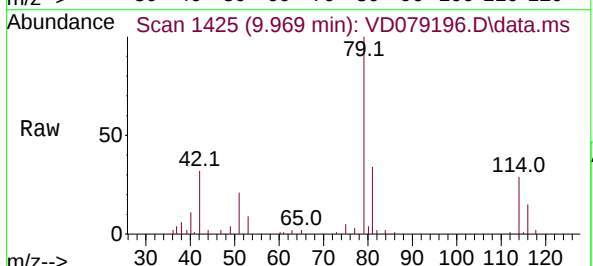
Instrument :
MSVOA_D
ClientSampleId :

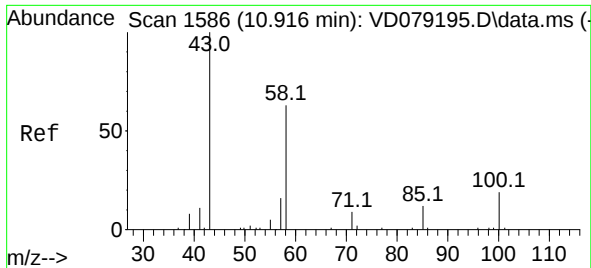
Tgt Ion: 63 Resp: 7601
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.485 ug/L
RT: 9.969 min Scan# 1425
Delta R.T. -0.047 min
Lab File: VD079196.D
Acq: 18 Jun 2024 10:50

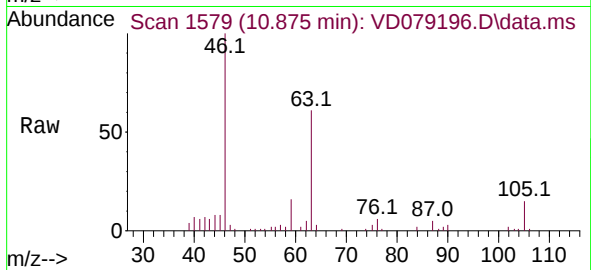
Tgt Ion: 75 Resp: 2119
Ion Ratio Lower Upper
75 100
77 61.3 23.4 43.4#



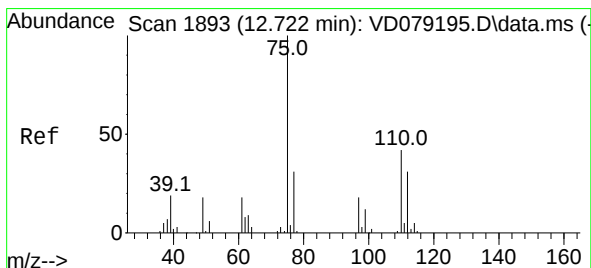
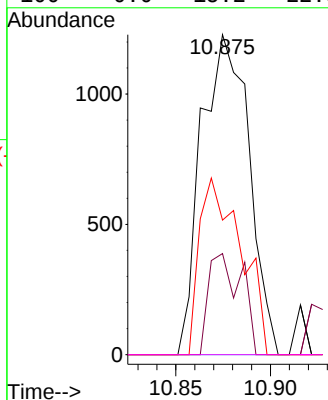
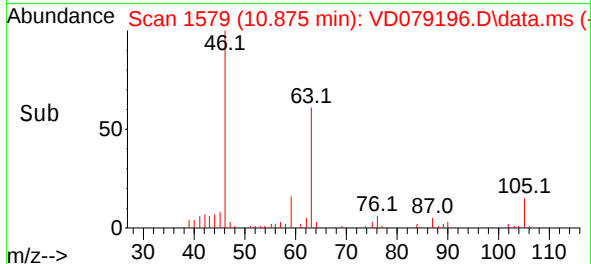


#48
2-Hexanone
Concen: 2.128 ug/L
RT: 10.875 min Scan# 1
Delta R.T. -0.041 min
Lab File: VD079196.D
Acq: 18 Jun 2024 10:50

Instrument :
MSVOA_D
ClientSampleId :

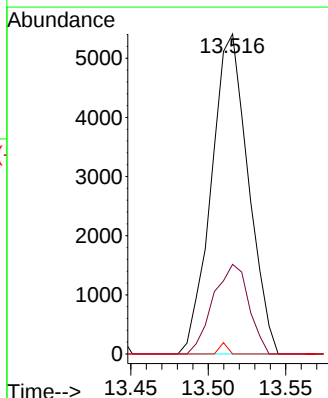
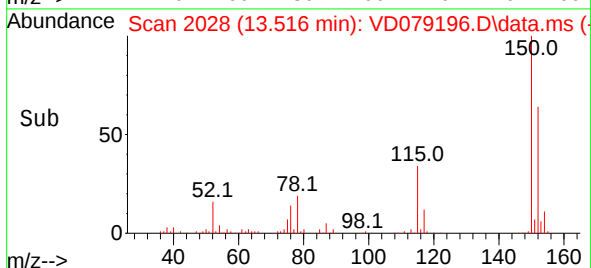
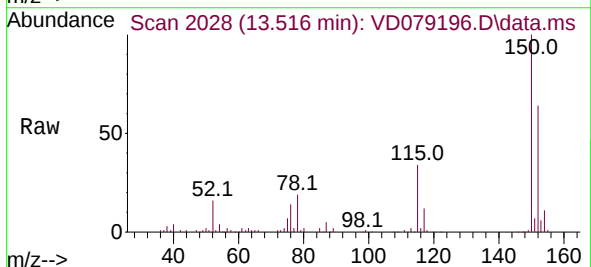


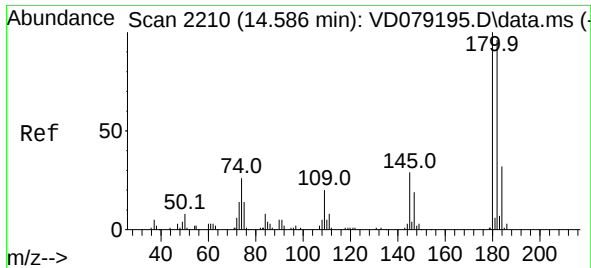
Tgt Ion: 43 Resp: 2150
Ion Ratio Lower Upper
43 100
58 15.9 50.1 75.1#
57 48.4 16.5 24.7#
100 0.0 15.2 22.8#



#61
1,2,3-Trichloropropane
Concen: 6.463 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD079196.D
Acq: 18 Jun 2024 10:50

Tgt Ion: 75 Resp: 8965
Ion Ratio Lower Upper
75 100
77 26.9 25.9 38.9
110 0.0 34.2 51.4#





#69

1,3,5-Trichlorobenzene

Concen: 0.134 ug/L

RT: 14.586 min Scan# 2210

Delta R.T. -0.000 min

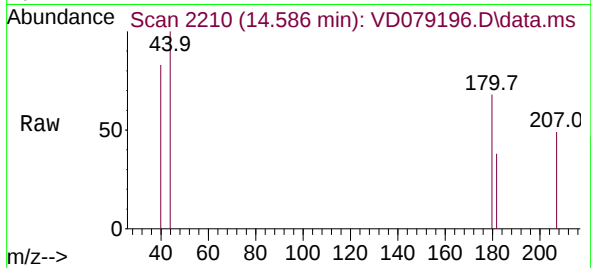
Lab File: VD079196.D

Acq: 18 Jun 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 422

Ion Ratio Lower Upper

180 100

182 100.7 76.9 115.3

184 0.0 23.3 34.9#

145 0.0 22.7 34.1#

