

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061924\
 Data File : VD079207.D
 Acq On : 19 Jun 2024 12:29
 Operator : RP/MD
 Sample : P2897-07
 Misc : 4.88G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 20 09:06:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 20 09:05:16 2024
 Response via : Initial Calibration

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

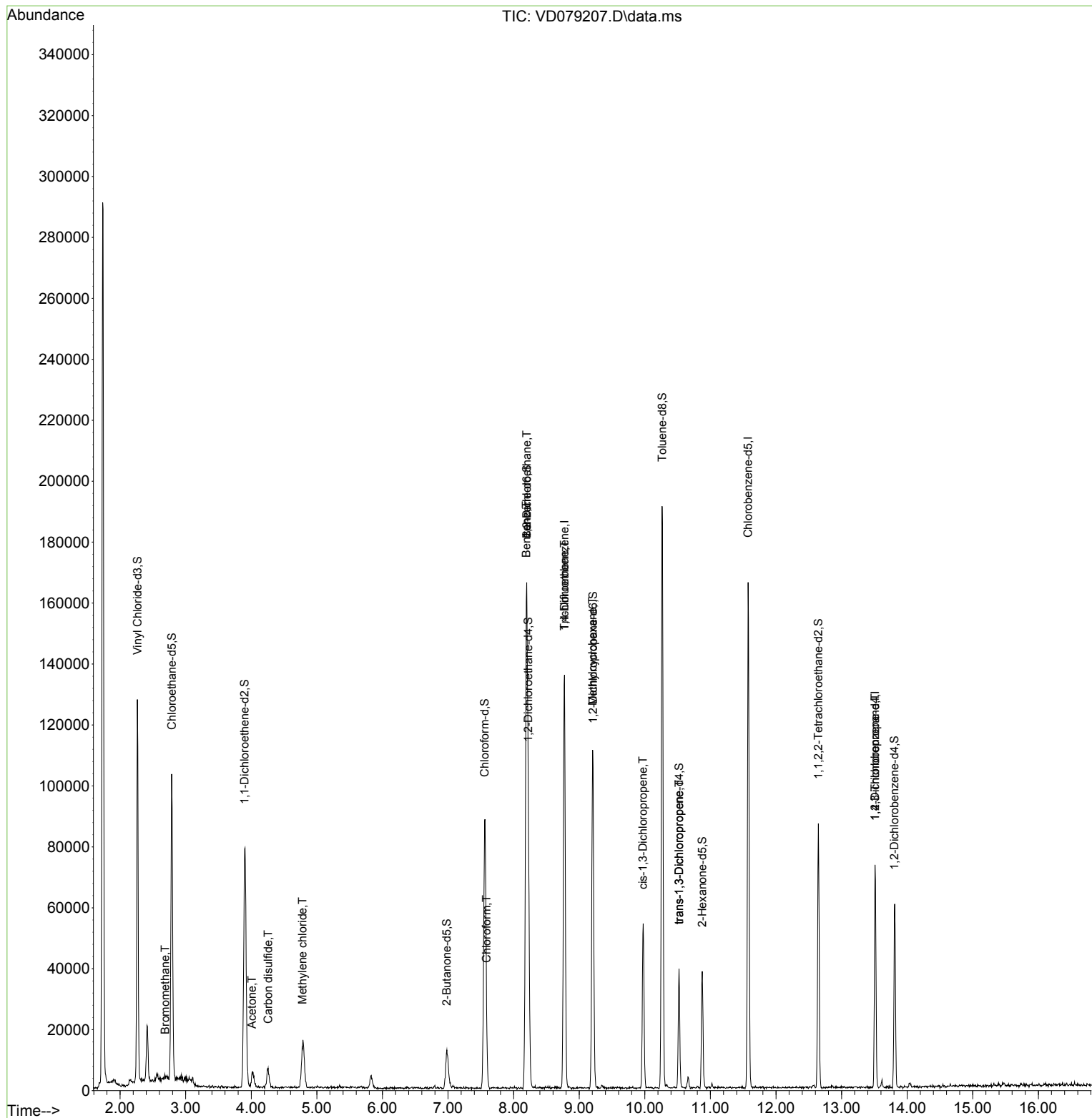
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	131408	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.575	117	103346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.510	152	22720	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	114169	28.233	ug/L	-0.01
Spiked Amount	25.000	Range 30 - 150	Recovery	=	112.920%	
7) Chloroethane-d5	2.787	69	105757	27.047	ug/L	-0.01
Spiked Amount	25.000	Range 30 - 150	Recovery	=	108.200%	
11) 1,1-Dichloroethene-d2	3.899	65	21946	30.571	ug/L	-0.02
Spiked Amount	25.000	Range 45 - 110	Recovery	=	122.280%#	
21) 2-Butanone-d5	6.981	46	22251	71.940	ug/L	-0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	=	143.880%#	
24) Chloroform-d	7.558	84	98260	26.743	ug/L	-0.01
Spiked Amount	25.000	Range 40 - 150	Recovery	=	106.960%	
26) 1,2-Dichloroethane-d4	8.222	65	51278	30.253	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	121.000%	
32) Benzene-d6	8.199	84	187945	32.805	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	131.240%	
36) 1,2-Dichloropropane-d6	9.210	67	56064	33.972	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	135.880%#	
41) Toluene-d8	10.263	98	142991	26.656	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	106.640%	
43) trans-1,3-Dichloroprop...	10.522	79	22098	31.857	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	127.440%	
47) 2-Hexanone-d5	10.875	63	14241	66.750	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	133.500%	
56) 1,1,2,2-Tetrachloroeth...	12.645	84	43683	29.884	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	119.520%	
66) 1,2-Dichlorobenzene-d4	13.804	152	18220	23.236	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	92.960%	
Target Compounds						
						Qvalue
6) Bromomethane	2.687	94	1191	0.337	ug/L	72
13) Acetone	4.011	43	4807	10.735	ug/L	56
14) Carbon disulfide	4.258	76	12369	1.948	ug/L	96
16) Methylene chloride	4.781	84	8851	3.780	ug/L	90
25) Chloroform	7.587	83	1923	0.535	ug/L	100
27) 1,2-Dichloroethane	8.199	62	676	0.324	ug/L #	72
33) Benzene	8.193	78	1427	0.232	ug/L	100
34) Trichloroethene	8.775	95	3602	2.272	ug/L #	1
35) Methylcyclohexane	9.204	83	14194	5.403	ug/L #	23
39) cis-1,3-Dichloropropene	9.969	75	1512	0.642	ug/L #	58
44) trans-1,3-Dichloropropene	10.522	75	1149	0.577	ug/L	88
61) 1,2,3-Trichloropropane	13.510	75	2429	6.055	ug/L #	57

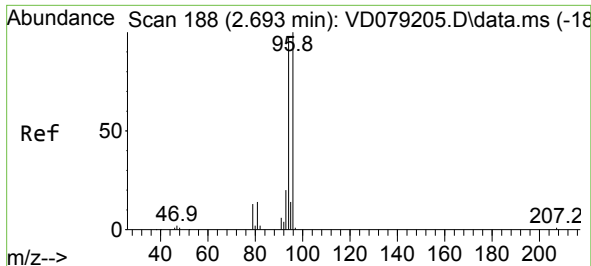
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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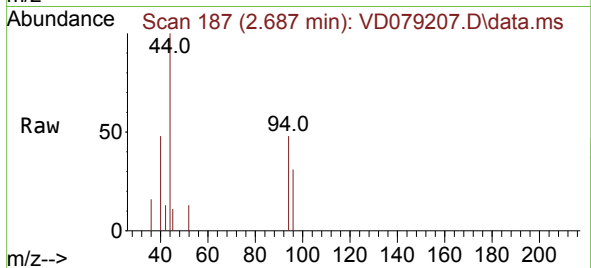
Quant Time: Jun 20 09:06:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
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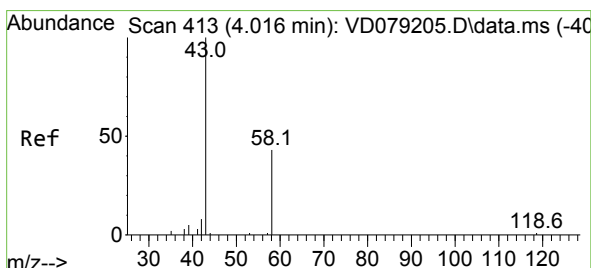
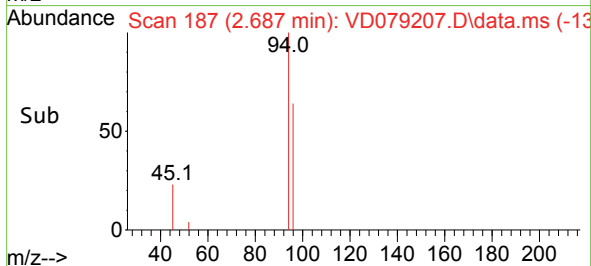
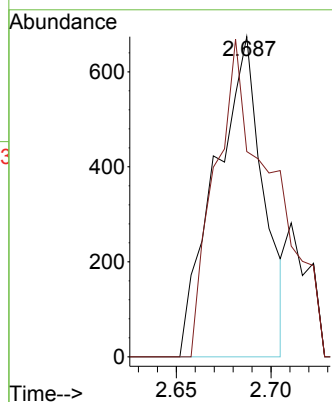


#6
Bromomethane
Concen: 0.337 ug/L
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079207.D
Acq: 19 Jun 2024 12:29

Instrument :
MSVOA_D
ClientSampleId :

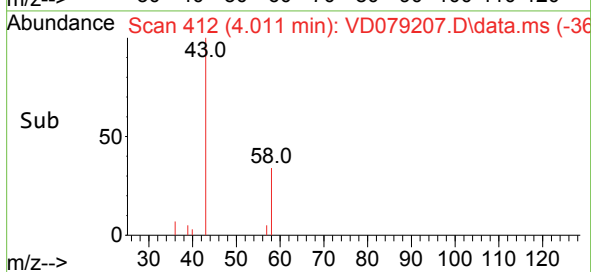
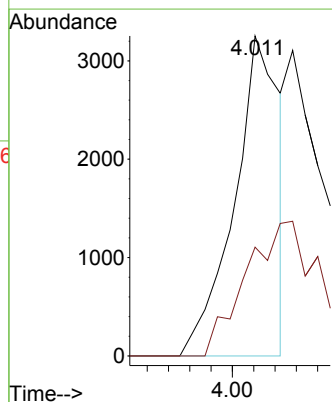
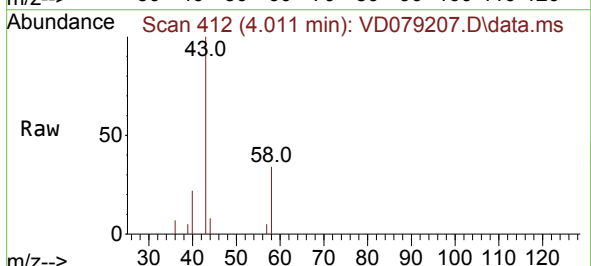


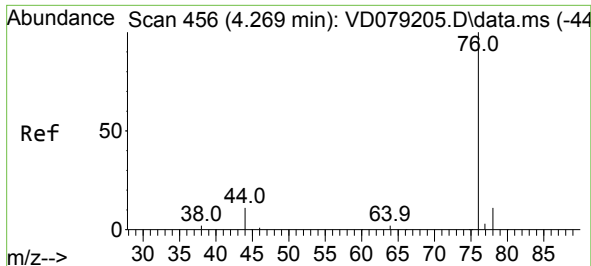
Tgt Ion: 94 Resp: 1191
Ion Ratio Lower Upper
94 100
96 64.1 63.6 118.2



#13
Acetone
Concen: 10.735 ug/L
RT: 4.011 min Scan# 412
Delta R.T. -0.006 min
Lab File: VD079207.D
Acq: 19 Jun 2024 12:29

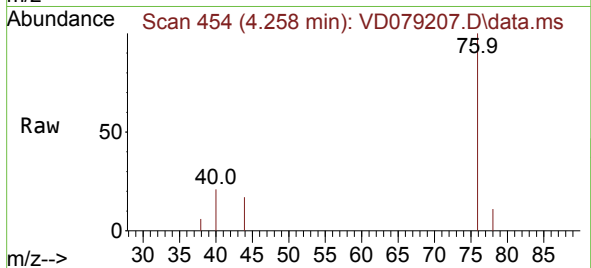
Tgt Ion: 43 Resp: 4807
Ion Ratio Lower Upper
43 100
58 65.7 0.0 78.2



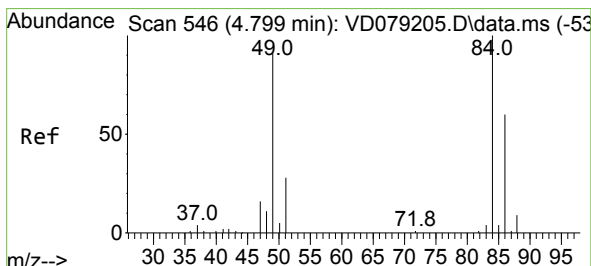
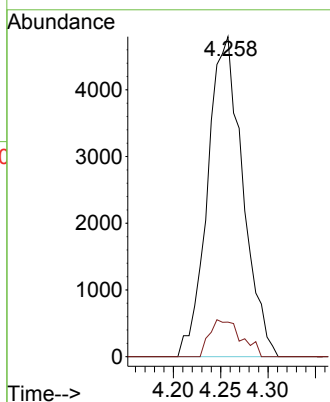
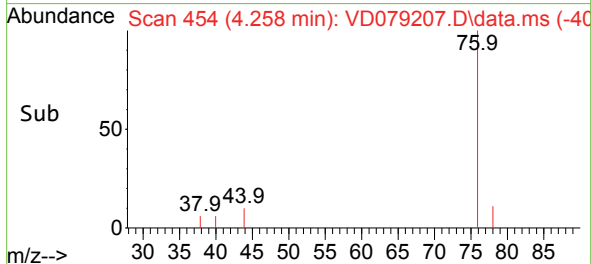


#14
Carbon disulfide
Concen: 1.948 ug/L
RT: 4.258 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD079207.D
Acq: 19 Jun 2024 12:29

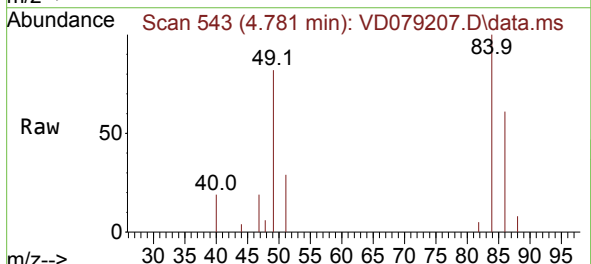
Instrument :
MSVOA_D
ClientSampleId :



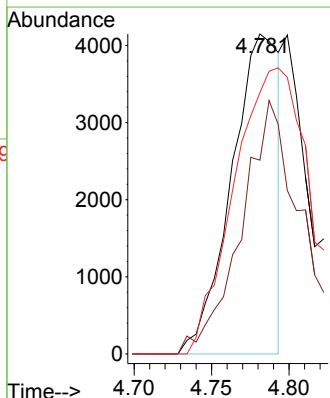
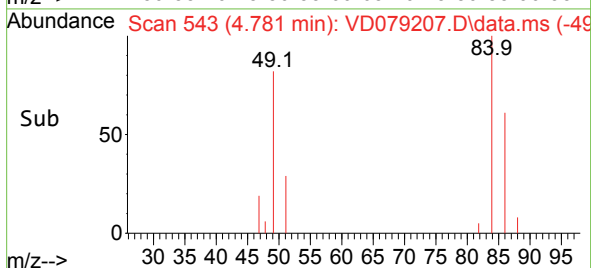
Tgt Ion: 76 Resp: 12369
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3

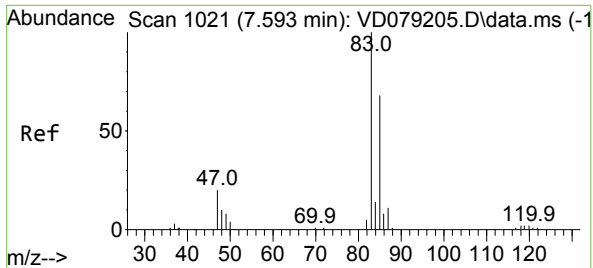


#16
Methylene chloride
Concen: 3.780 ug/L
RT: 4.781 min Scan# 543
Delta R.T. -0.018 min
Lab File: VD079207.D
Acq: 19 Jun 2024 12:29



Tgt Ion: 84 Resp: 8851
Ion Ratio Lower Upper
84 100
86 60.6 40.9 76.0
49 81.7 67.5 125.3

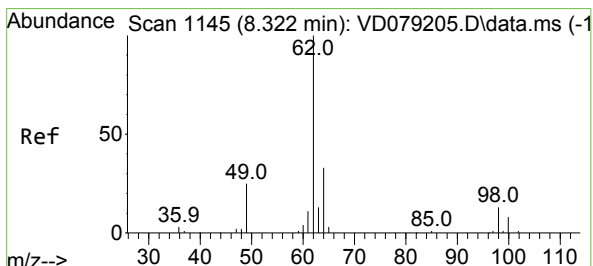
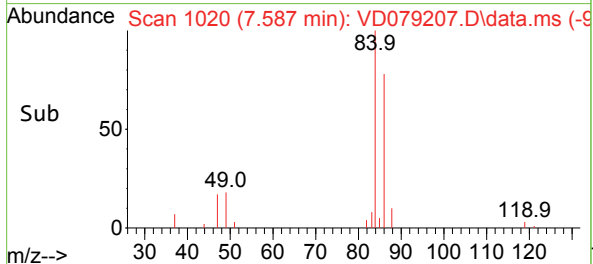
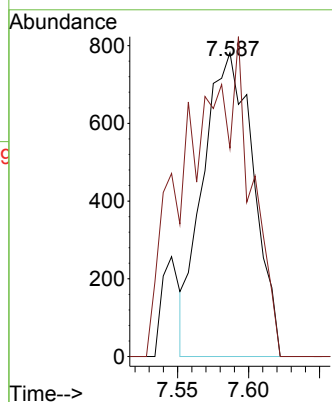
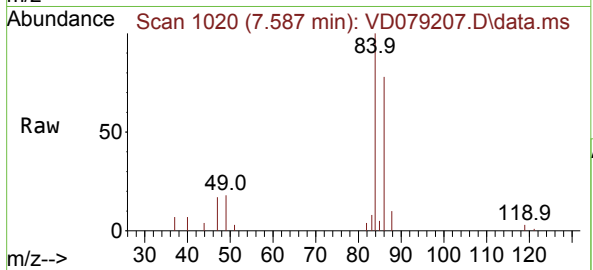




#25
Chloroform
Concen: 0.535 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD079207.D
Acq: 19 Jun 2024 12:29

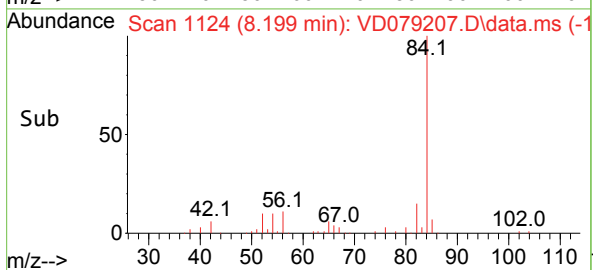
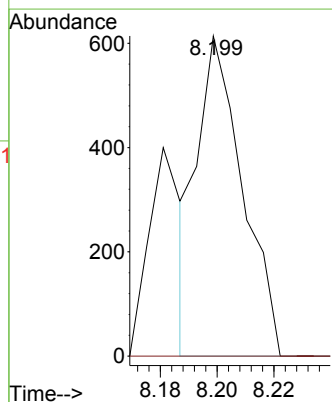
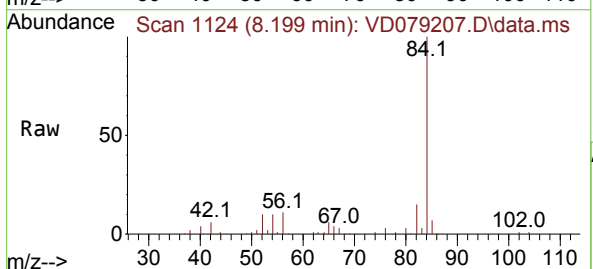
Instrument :
MSVOA_D
ClientSampleId :

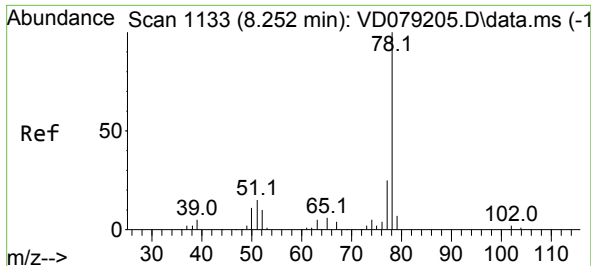
Tgt Ion: 83 Resp: 1923
Ion Ratio Lower Upper
83 100
85 68.5 47.9 89.1



#27
1,2-Dichloroethane
Concen: 0.324 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.123 min
Lab File: VD079207.D
Acq: 19 Jun 2024 12:29

Tgt Ion: 62 Resp: 676
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#

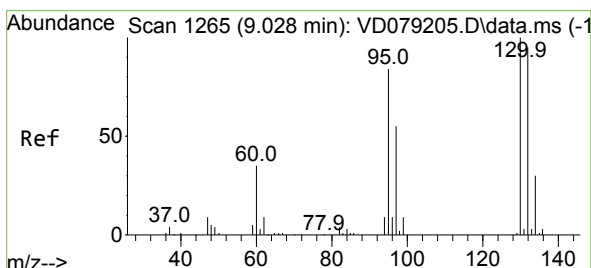
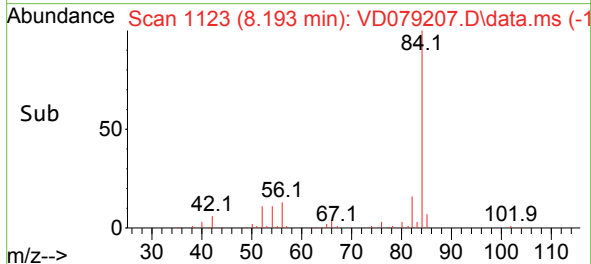
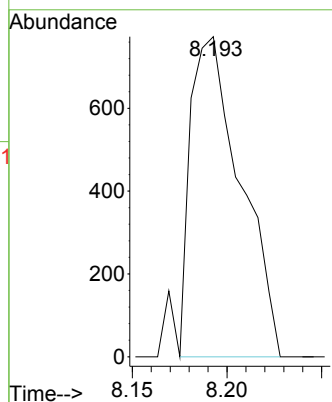
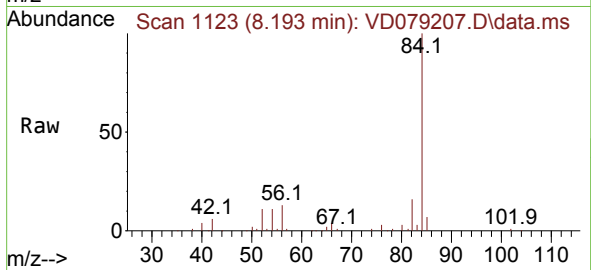




#33
Benzene
Concen: 0.232 ug/L
RT: 8.193 min Scan# 1133
Delta R.T. -0.059 min
Lab File: VD079207.D
Acq: 19 Jun 2024 12:29

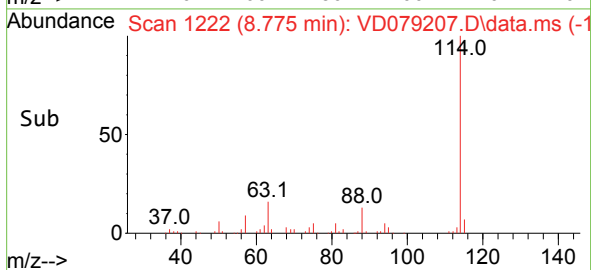
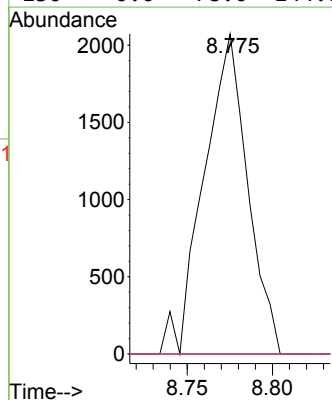
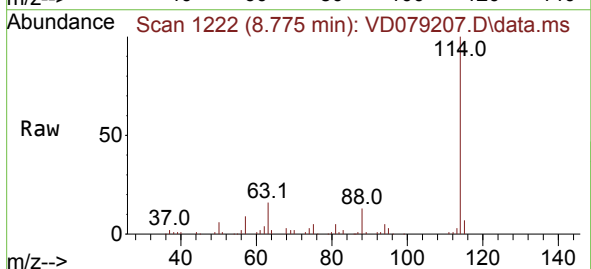
Instrument :
MSVOA_D
ClientSampleId :

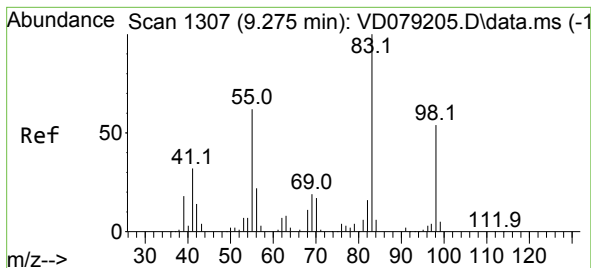
Tgt Ion: 78 Resp: 1427



#34
Trichloroethene
Concen: 2.272 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD079207.D
Acq: 19 Jun 2024 12:29

Tgt Ion: 95 Resp: 3602
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#





#35

Methylcyclohexane

Concen: 5.403 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.071 min

Lab File: VD079207.D

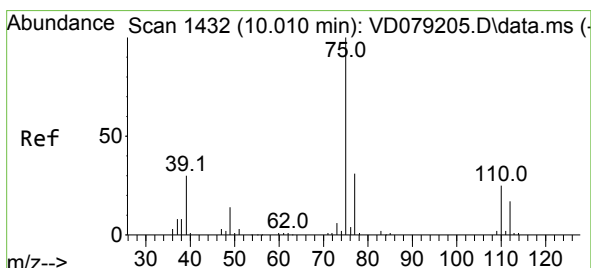
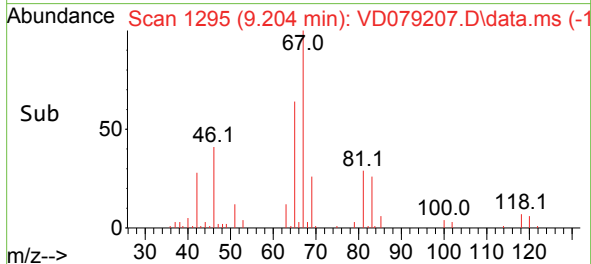
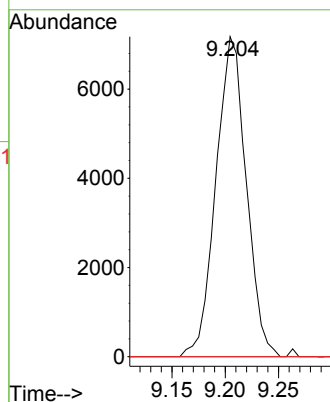
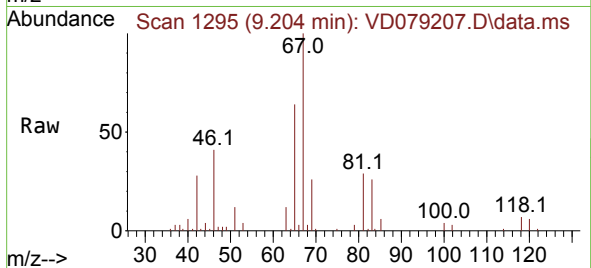
Acq: 19 Jun 2024 12:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 14194
Ion Ratio	Lower Upper
83 100	
55 0.0	48.6 72.8#
98 0.0	40.2 60.2#



#39

cis-1,3-Dichloropropene

Concen: 0.642 ug/L

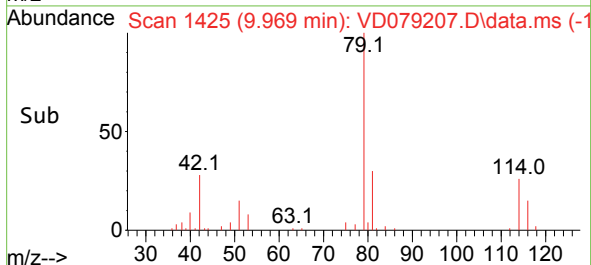
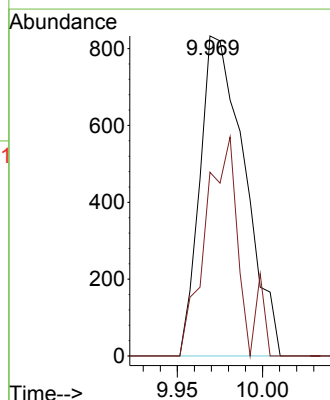
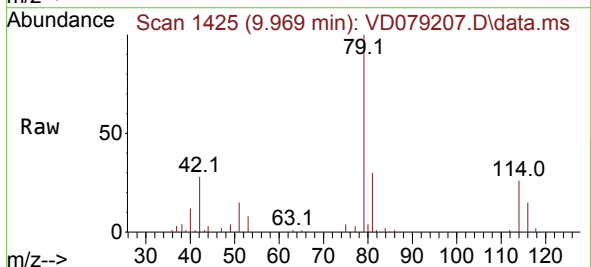
RT: 9.969 min Scan# 1425

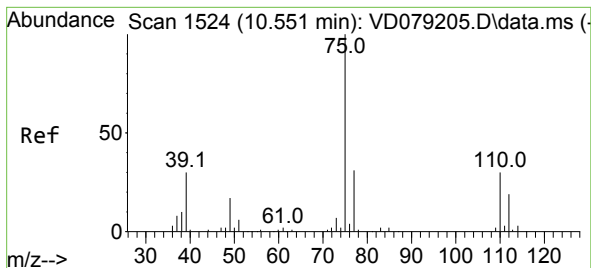
Delta R.T. -0.041 min

Lab File: VD079207.D

Acq: 19 Jun 2024 12:29

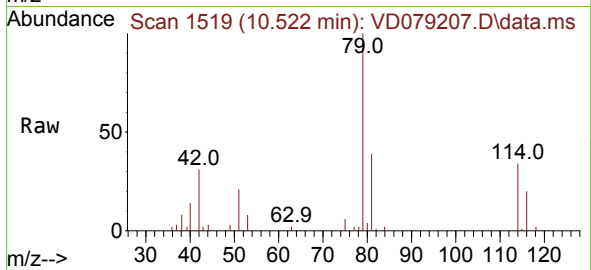
Tgt Ion: 75	Resp: 1512
Ion Ratio	Lower Upper
75 100	
77 57.4	23.4 43.4#



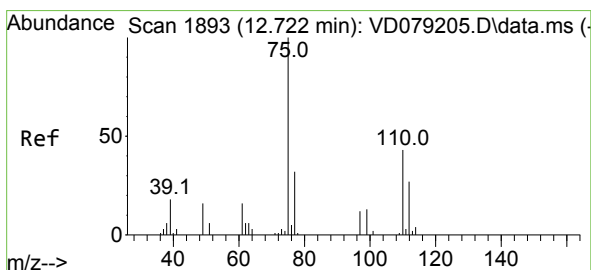
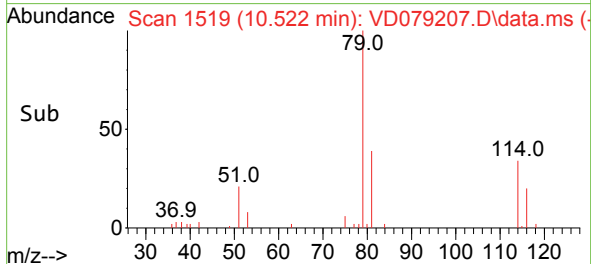
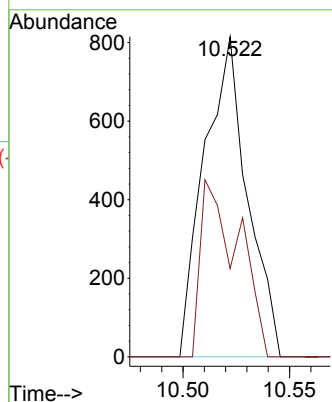


#44
trans-1,3-Dichloropropene
Concen: 0.577 ug/L
RT: 10.522 min Scan# 1149
Delta R.T. -0.029 min
Lab File: VD079207.D
Acq: 19 Jun 2024 12:29

Instrument :
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Tgt Ion: 75 Resp: 1149
Ion Ratio Lower Upper
75 100
77 27.6 24.3 45.1



#61
1,2,3-Trichloropropane
Concen: 6.055 ug/L
RT: 13.510 min Scan# 2027
Delta R.T. 0.788 min
Lab File: VD079207.D
Acq: 19 Jun 2024 12:29

Tgt Ion: 75 Resp: 2429
Ion Ratio Lower Upper
75 100
77 26.2 25.9 38.9
110 0.0 34.2 51.4#

