

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079020.D
 Acq On : 24 May 2024 15:55
 Operator : RP/MD
 Sample : P2577-13
 Misc : 4.55G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:26:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

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

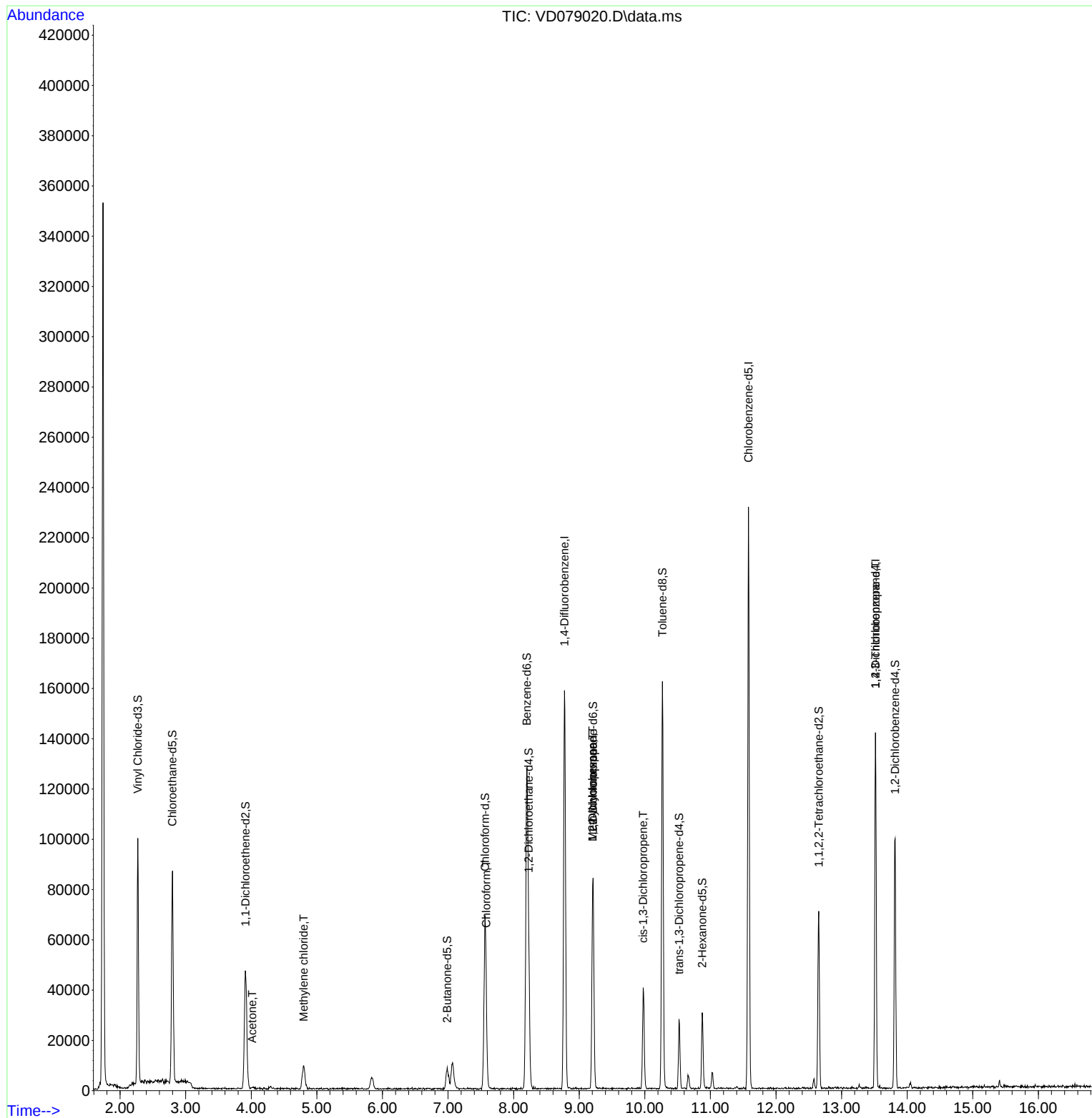
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	153244	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	137408	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	40177	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	89901	23.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.720%
7) Chloroethane-d5	2.799	69	88088	21.905	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.640%
11) 1,1-Dichloroethene-d2	3.911	65	13128	17.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.680%
21) 2-Butanone-d5	6.987	46	14113	26.542	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.080%
24) Chloroform-d	7.563	84	73334	16.075	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.280%
26) 1,2-Dichloroethane-d4	8.228	65	36283	16.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.000%#
32) Benzene-d6	8.199	84	145585	20.765	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.040%
36) 1,2-Dichloropropane-d6	9.210	67	43866	20.534	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.120%
41) Toluene-d8	10.269	98	118915	18.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	10.522	79	16218	16.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.920%
47) 2-Hexanone-d5	10.875	63	10636	24.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	37822	15.564	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	29122	21.356	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.440%
Target Compounds						
					Qvalue	
13) Acetone	4.017	43	1041	1.621	ug/L	76
16) Methylene chloride	4.799	84	7824	2.155	ug/L	97
25) Chloroform	7.581	83	1164	0.214	ug/L	84
35) Methylcyclohexane	9.205	83	10956	3.003	ug/L #	23
37) 1,2-Dichloropropane	9.205	63	4535	1.900	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	1126	0.301	ug/L	85
61) 1,2,3-Trichloropropane	13.516	75	4728	5.134	ug/L #	58

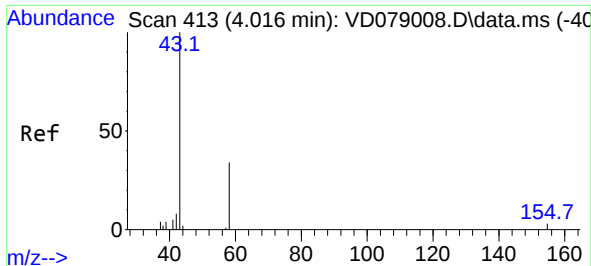
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration

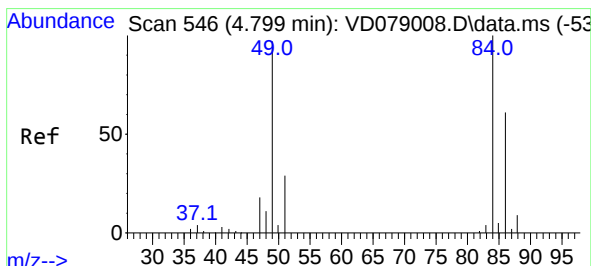
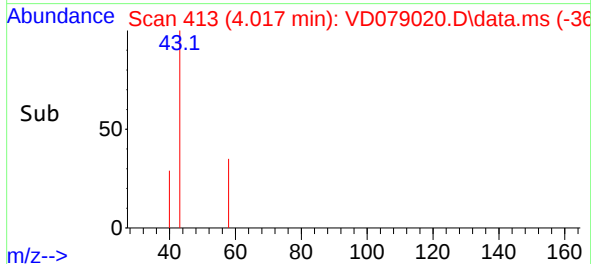
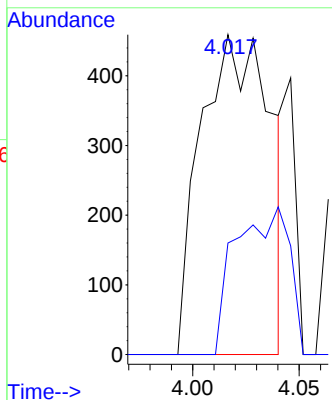
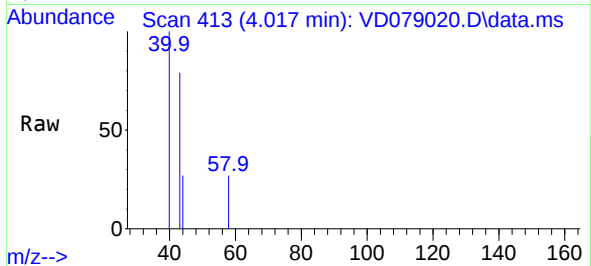




#13
Acetone
Concen: 1.621 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079020.D
Acq: 24 May 2024 15:55

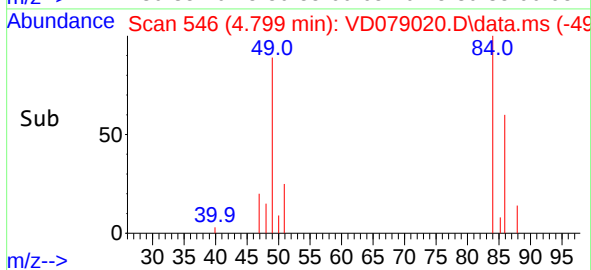
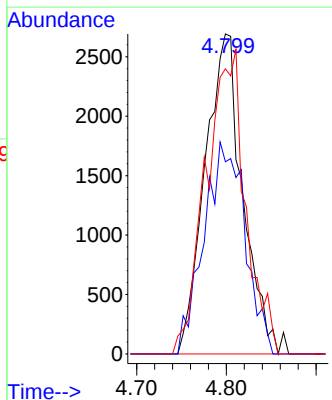
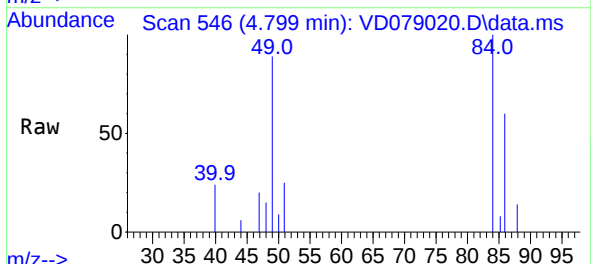
Instrument :
MSVOA_D
ClientSampleId :

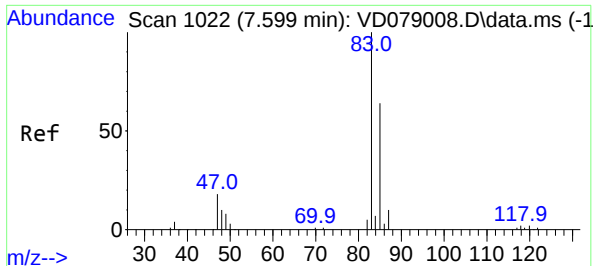
Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 23.2 0.0 75.0



#16
Methylene chloride
Concen: 2.155 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD079020.D
Acq: 24 May 2024 15:55

Tgt Ion: 84 Resp: 7824
Ion Ratio Lower Upper
84 100
86 60.1 43.7 81.1
49 89.1 64.0 119.0

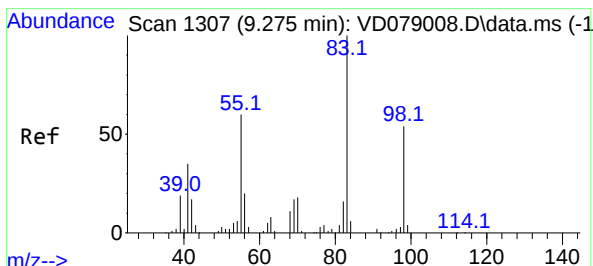
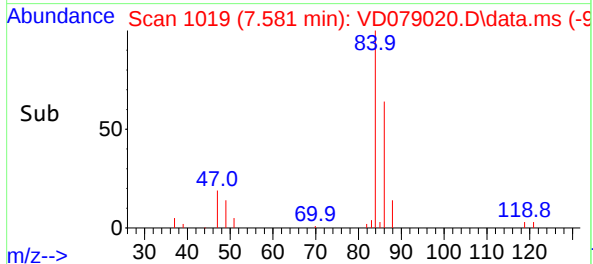
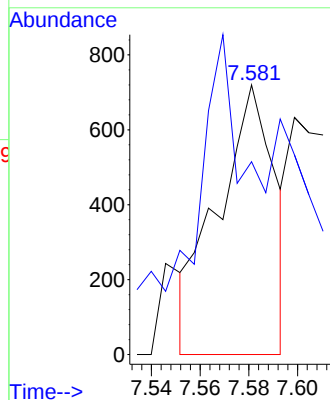
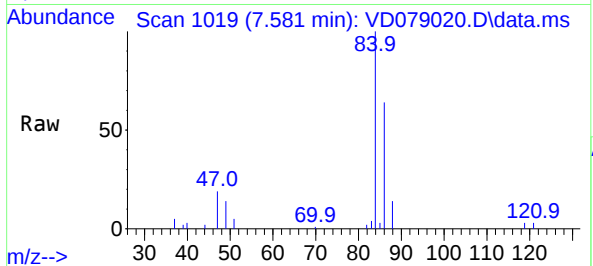




#25
Chloroform
Concen: 0.214 ug/L
RT: 7.581 min Scan# 1022
Delta R.T. -0.018 min
Lab File: VD079020.D
Acq: 24 May 2024 15:55

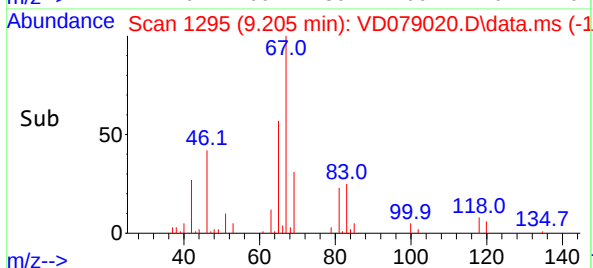
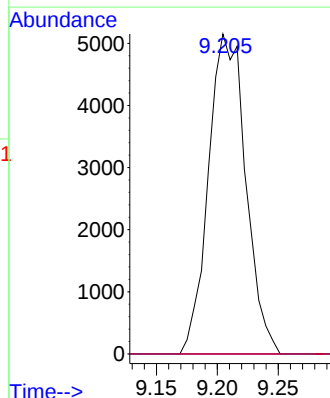
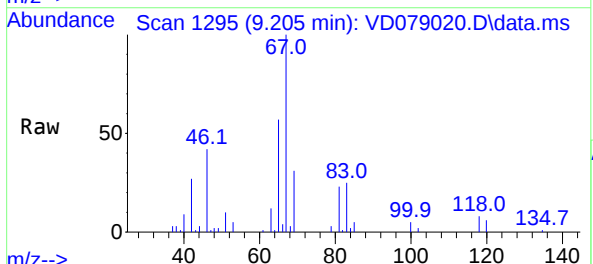
Instrument :
MSVOA_D
ClientSampleId :

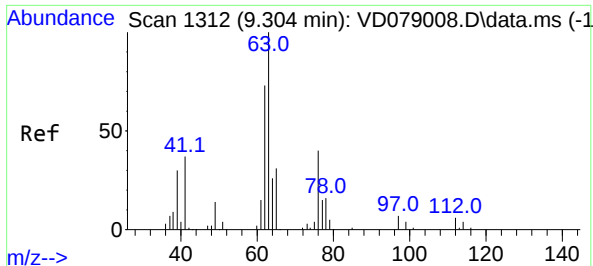
Tgt Ion: 83 Resp: 1164
Ion Ratio Lower Upper
83 100
85 71.5 41.8 77.6



#35
Methylcyclohexane
Concen: 3.003 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.065 min
Lab File: VD079020.D
Acq: 24 May 2024 15:55

Tgt Ion: 83 Resp: 10956
Ion Ratio Lower Upper
83 100
55 0.0 49.0 73.6#
98 0.0 40.1 60.1#

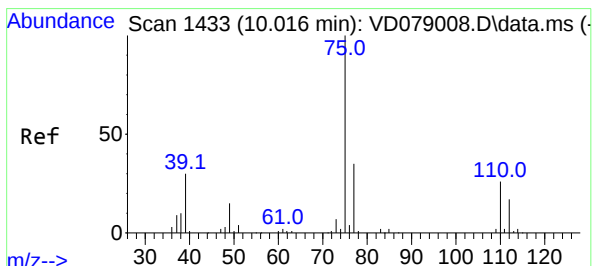
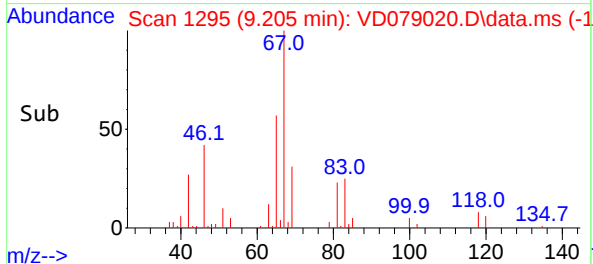
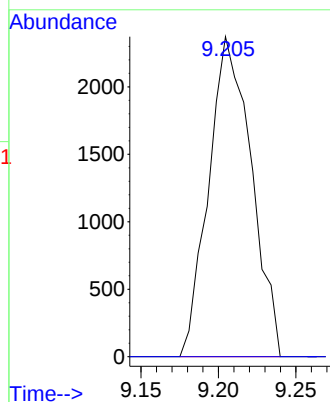
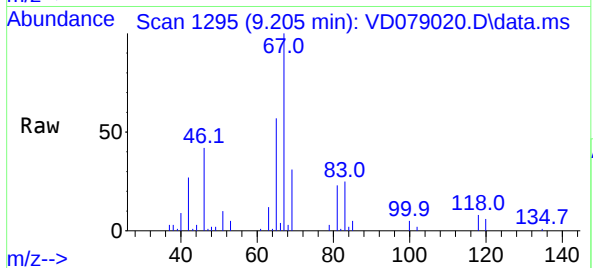




#37
1,2-Dichloropropane
Concen: 1.900 ug/L
RT: 9.205 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD079020.D
Acq: 24 May 2024 15:55

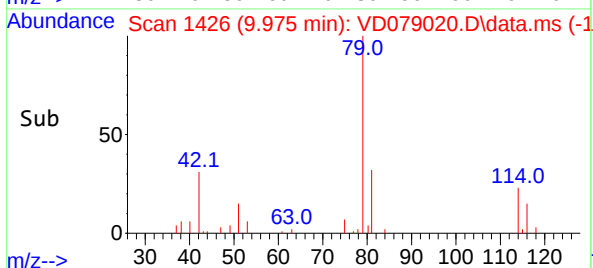
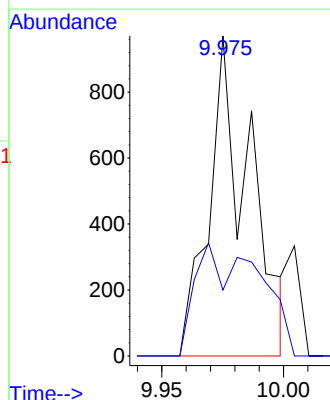
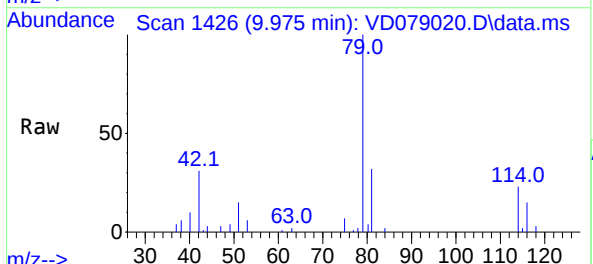
Instrument :
MSVOA_D
ClientSampleId :

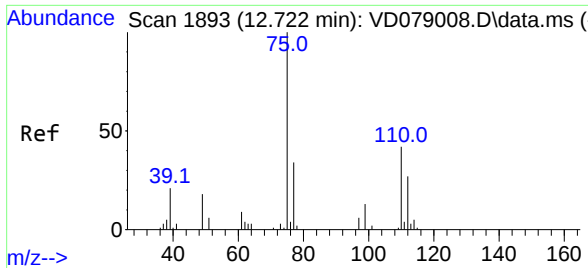
Tgt Ion: 63 Resp: 4535
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.301 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD079020.D
Acq: 24 May 2024 15:55

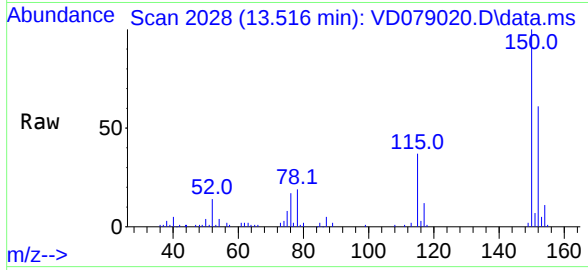
Tgt Ion: 75 Resp: 1126
Ion Ratio Lower Upper
75 100
77 20.6 20.0 37.2





#61
1,2,3-Trichloropropane
Concen: 5.134 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.794 min
Lab File: VD079020.D
Acq: 24 May 2024 15:55

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 4728
Ion Ratio Lower Upper
75 100
77 29.4 26.2 39.2
110 1.5 37.1 55.7#

