Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
Data File : VD076008.D
Acq On : 04 May 2023 17:01
Operator : KP/SY
Sample : 02589-17
Misc : 5.05G/10.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JRED5

Quant Time: May 05 00:50:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 00:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	248163	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	233794	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	68747	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	78131	14.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.400%			
7) Chloroethane-d5	2.799	69	83994	17.857	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.440%			
11) 1,1-Dichloroethene-d2	3.916	65	19595	15.612	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.440%			
21) 2-Butanone-d5	6.987	46	60489	127.989	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 255.980%#			
24) Chloroform-d	7.569	84	155525	25.062	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.240%			
26) 1,2-Dichloroethane-d4	8.228	65	90175	34.027	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 136.120%#			
32) Benzene-d6	8.199	84	258894	18.999	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 76.000%			
36) 1,2-Dichloropropane-d6	9.210	67	101747	26.976	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.920%			
41) Toluene-d8	10.269	98	207695	16.281	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 65.120%			
43) trans-1,3-Dichloroprop...	10.522	79	39554	25.372	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.480%			
47) 2-Hexanone-d5	10.875	63	43947	96.770	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 193.540%#			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	126596	43.863	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 175.440%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	63805	26.239	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.960%			
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	10509	2.087	ug/L	95
27) 1,2-Dichloroethane	8.193	62	838	0.270	ug/L #	68
34) Trichloroethene	8.781	95	5924	1.620	ug/L #	2
35) Methylcyclohexane	9.210	83	24169	4.286	ug/L #	24
37) 1,2-Dichloropropane	9.204	63	10364	3.190	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	2212	0.428	ug/L #	24
61) 1,2,3-Trichloropropane	13.516	75	7978	7.387	ug/L #	57

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

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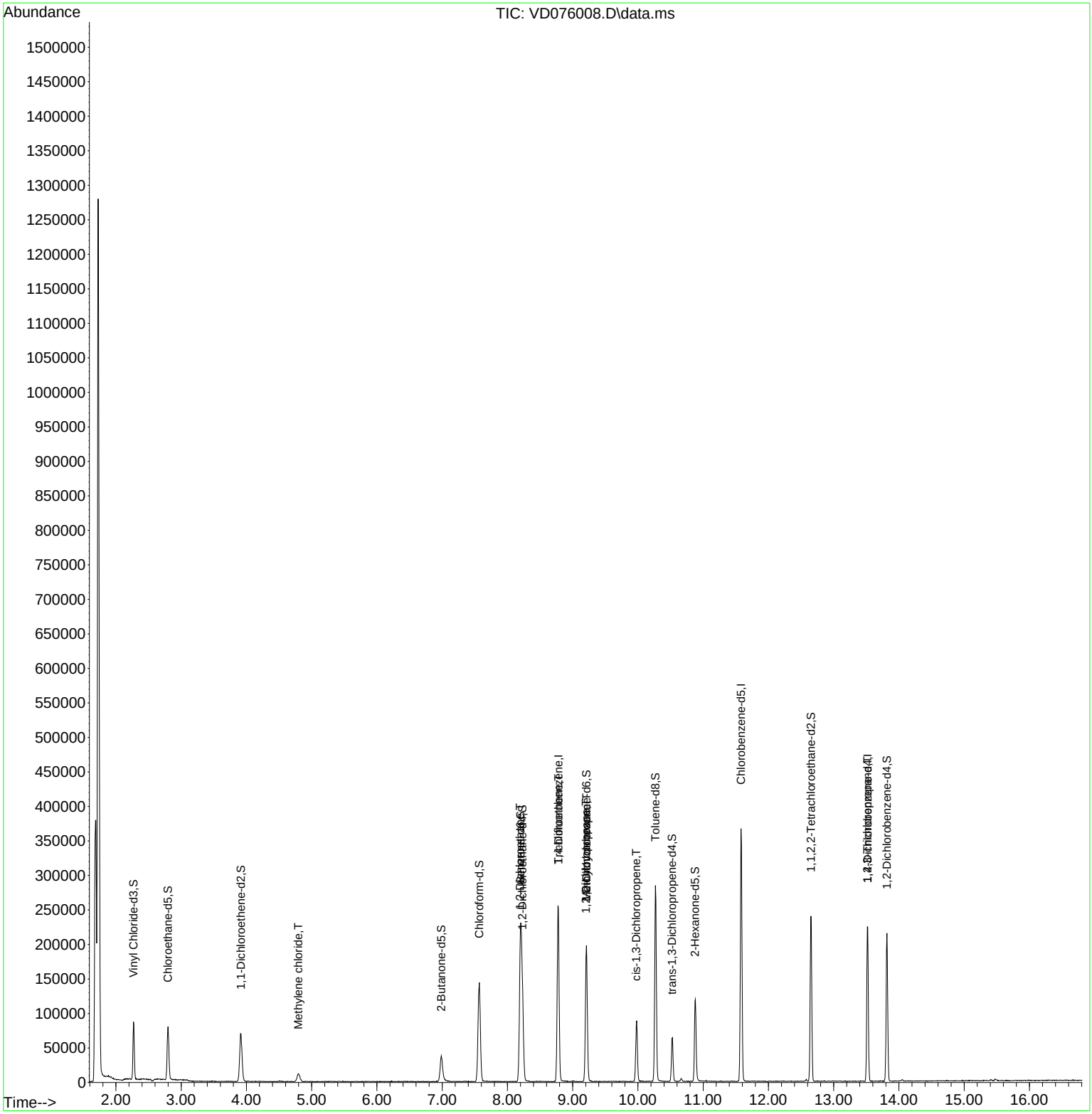
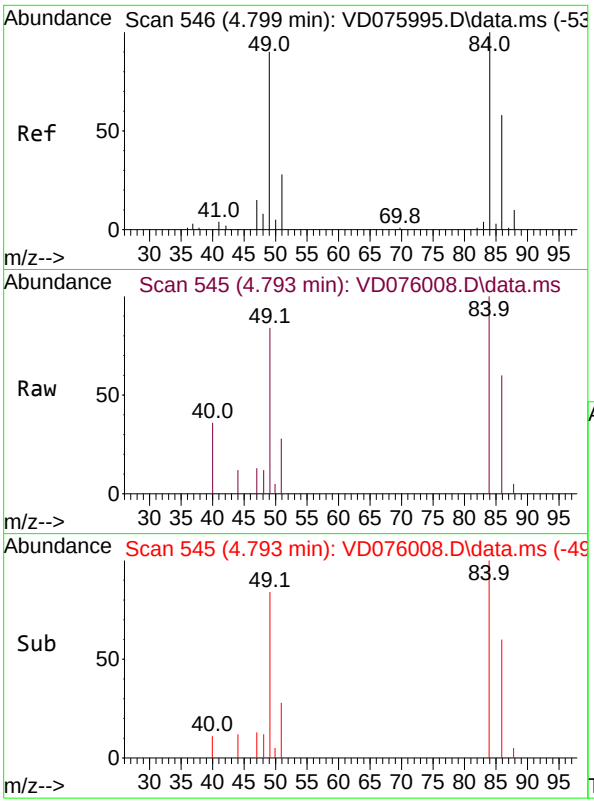


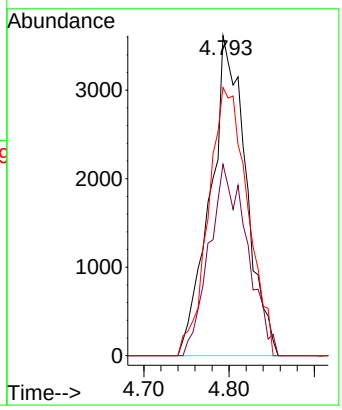


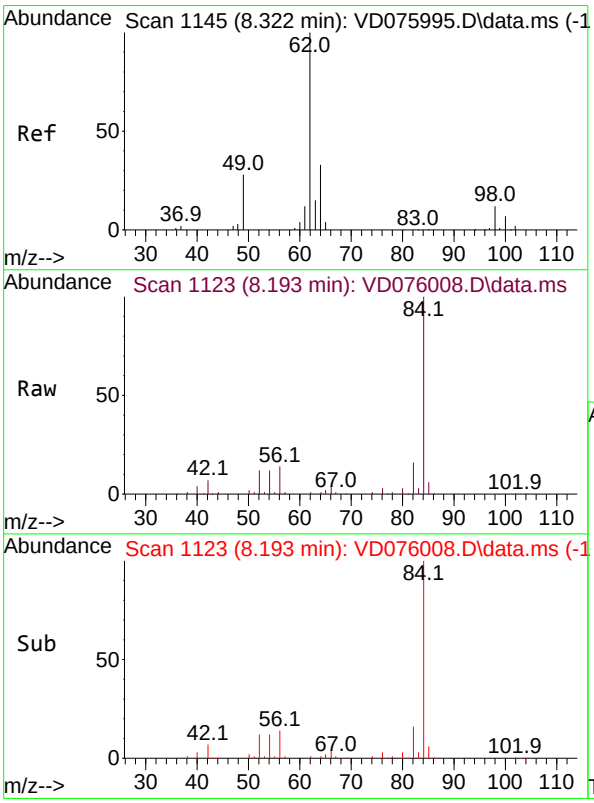
#16
Methylene chloride
Concen: 2.087 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076008.D
Acq: 04 May 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
JRED5

Tgt Ion: 84 Resp: 10509

Ion	Ratio	Lower	Upper
84	100		
86	59.8	45.8	85.2
49	83.8	60.8	112.8

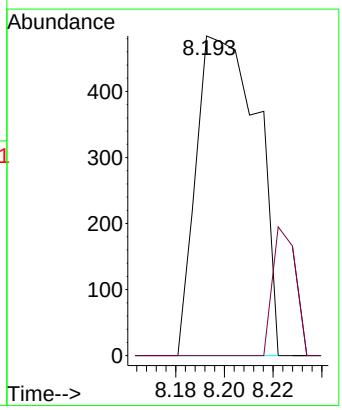


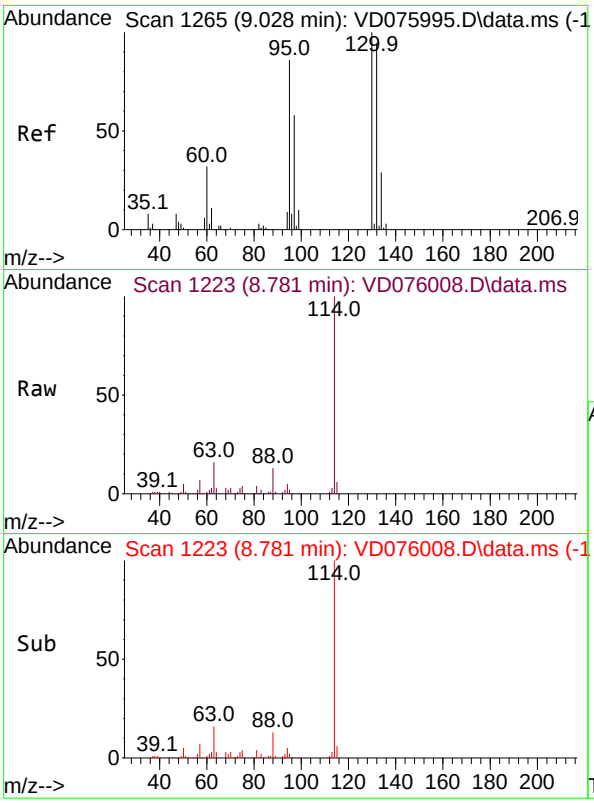


#27
1,2-Dichloroethane
Concen: 0.270 ug/L
RT: 8.193 min Scan# 1123
Delta R.T. -0.129 min
Lab File: VD076008.D
Acq: 04 May 2023 17:01

Tgt Ion: 62 Resp: 838

Ion	Ratio	Lower	Upper
62	100		
98	0.0	10.2	15.2#



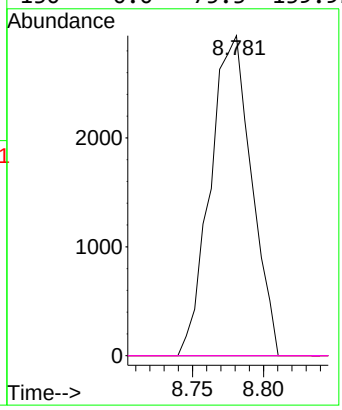


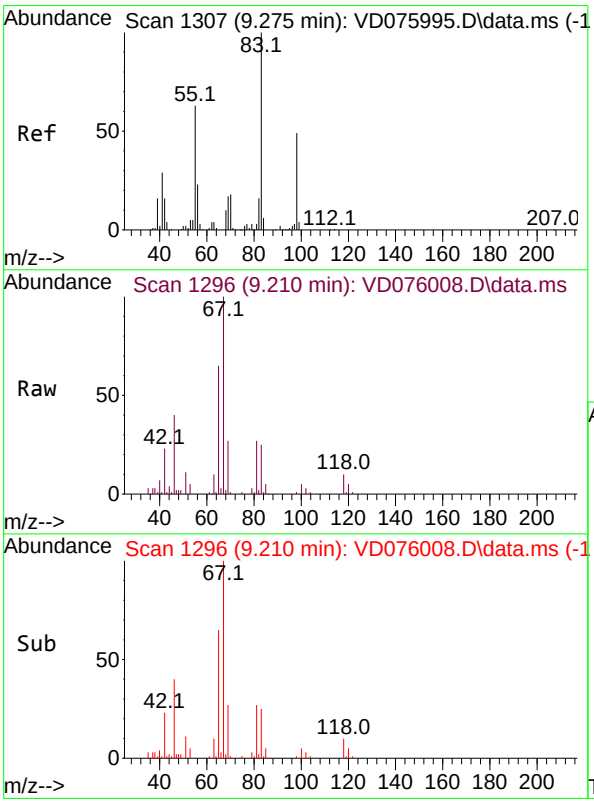
#34
Trichloroethene
Concen: 1.620 ug/L
RT: 8.781 min Scan# 1
Delta R.T. -0.247 min
Lab File: VD076008.D
Acq: 04 May 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
JRED5

Tgt Ion: 95 Resp: 5924

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

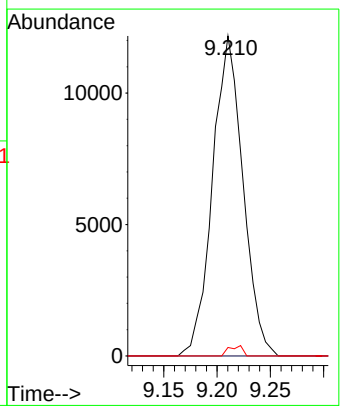


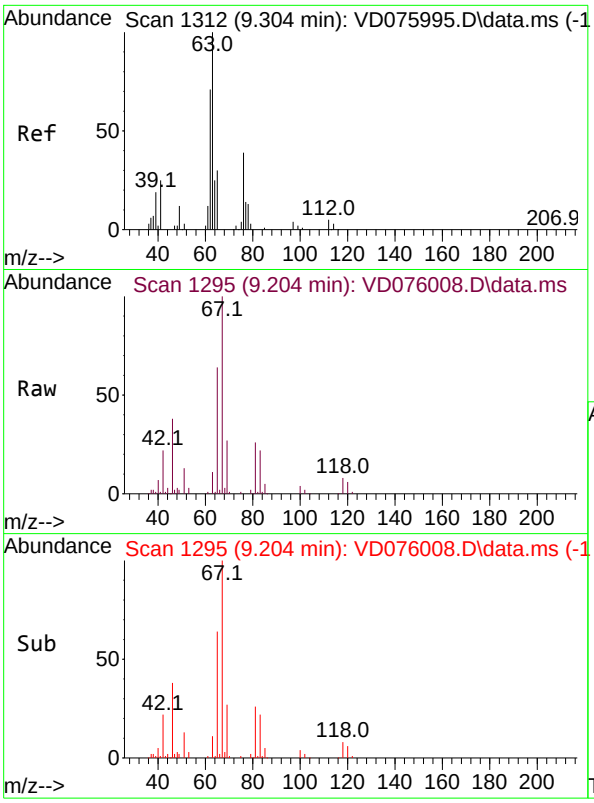


#35
Methylcyclohexane
Concen: 4.286 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD076008.D
Acq: 04 May 2023 17:01

Tgt Ion: 83 Resp: 24169

Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	1.4	40.8	61.2#



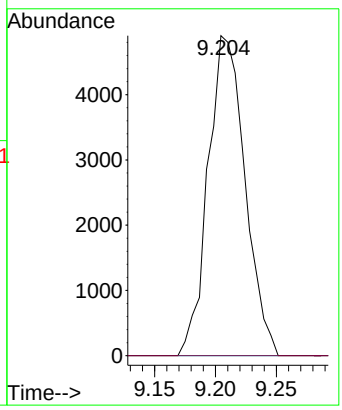


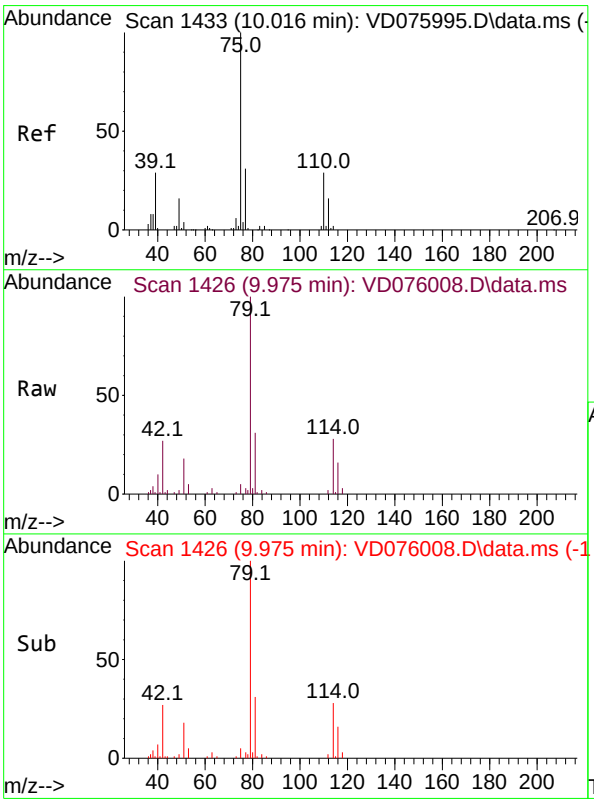
#37
1,2-Dichloropropane
Concen: 3.190 ug/L
RT: 9.204 min Scan# 1
Delta R.T. -0.100 min
Lab File: VD076008.D
Acq: 04 May 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
JRED5

Tgt Ion: 63 Resp: 10364

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

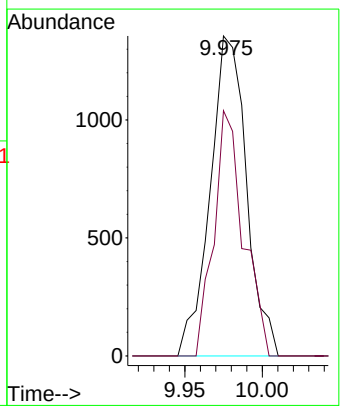


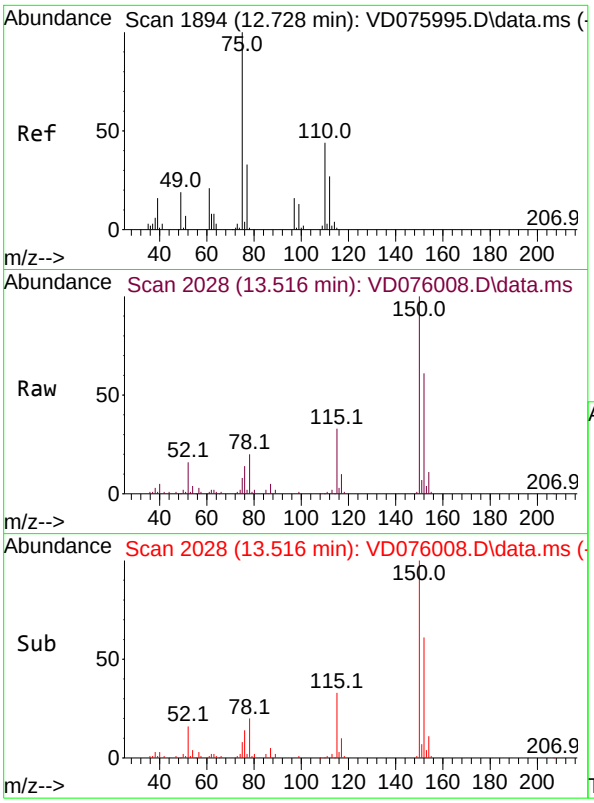


#39
cis-1,3-Dichloropropene
Concen: 0.428 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076008.D
Acq: 04 May 2023 17:01

Tgt Ion: 75 Resp: 2212

Ion	Ratio	Lower	Upper
75	100		
77	76.6	23.4	43.6#





#61
1,2,3-Trichloropropane
Concen: 7.387 ug/L
RT: 13.516 min Scan# 2
Delta R.T. 0.788 min
Lab File: VD076008.D
Acq: 04 May 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
JRED5

Tgt Ion: 75 Resp: 7978

Ion	Ratio	Lower	Upper
75	100		
77	25.3	26.6	39.8#
110	0.0	33.5	50.3#