Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
Data File : VD078310.D
Acq On : 01 Feb 2024 17:36
Operator : RP/MD
Sample : P1329-10
Misc : 5.12G/10ml/MSVOA_D/SOIL/VIAL A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 02 00:40:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 02 00:36:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	159707	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	150900	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	57072	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	109291	24.120	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.480%			
7) Chloroethane-d5	2.799	69	91326	23.978	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.920%			
11) 1,1-Dichloroethene-d2	3.917	65	23002	23.511	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.040%			
21) 2-Butanone-d5	6.987	46	27798	41.668	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.340%			
24) Chloroform-d	7.569	84	100800	22.137	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.560%			
26) 1,2-Dichloroethane-d4	8.234	65	58657	23.870	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.480%			
32) Benzene-d6	8.199	84	212256	24.056	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.240%			
36) 1,2-Dichloropropane-d6	9.210	67	66842	24.607	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.440%			
41) Toluene-d8	10.269	98	183233	23.120	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.480%			
43) trans-1,3-Dichloroprop...	10.528	79	27335	22.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.160%			
47) 2-Hexanone-d5	10.881	63	24825	45.044	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.080%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	57858	22.922	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.680%			
66) 1,2-Dichlorobenzene-d4	13.816	152	49527	24.240	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.960%			
Target Compounds						Qvalue
16) Methylene chloride	4.811	84	10044	3.207	ug/L	81
25) Chloroform	7.587	83	3086	0.633	ug/L	97
34) Trichloroethene	8.769	95	4310	1.678	ug/L #	3
35) Methylcyclohexane	9.269	83	1301	0.324	ug/L #	78
37) 1,2-Dichloropropane	9.210	63	7049	2.631	ug/L #	87
39) cis-1,3-Dichloropropene	9.981	75	2293	0.550	ug/L #	68
48) 2-Hexanone	10.881	43	5249	3.867	ug/L #	42
62) 1,3,5-Trimethylbenzene	13.210	105	2885	0.428	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	2885	0.432	ug/L	94

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

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Instrument :
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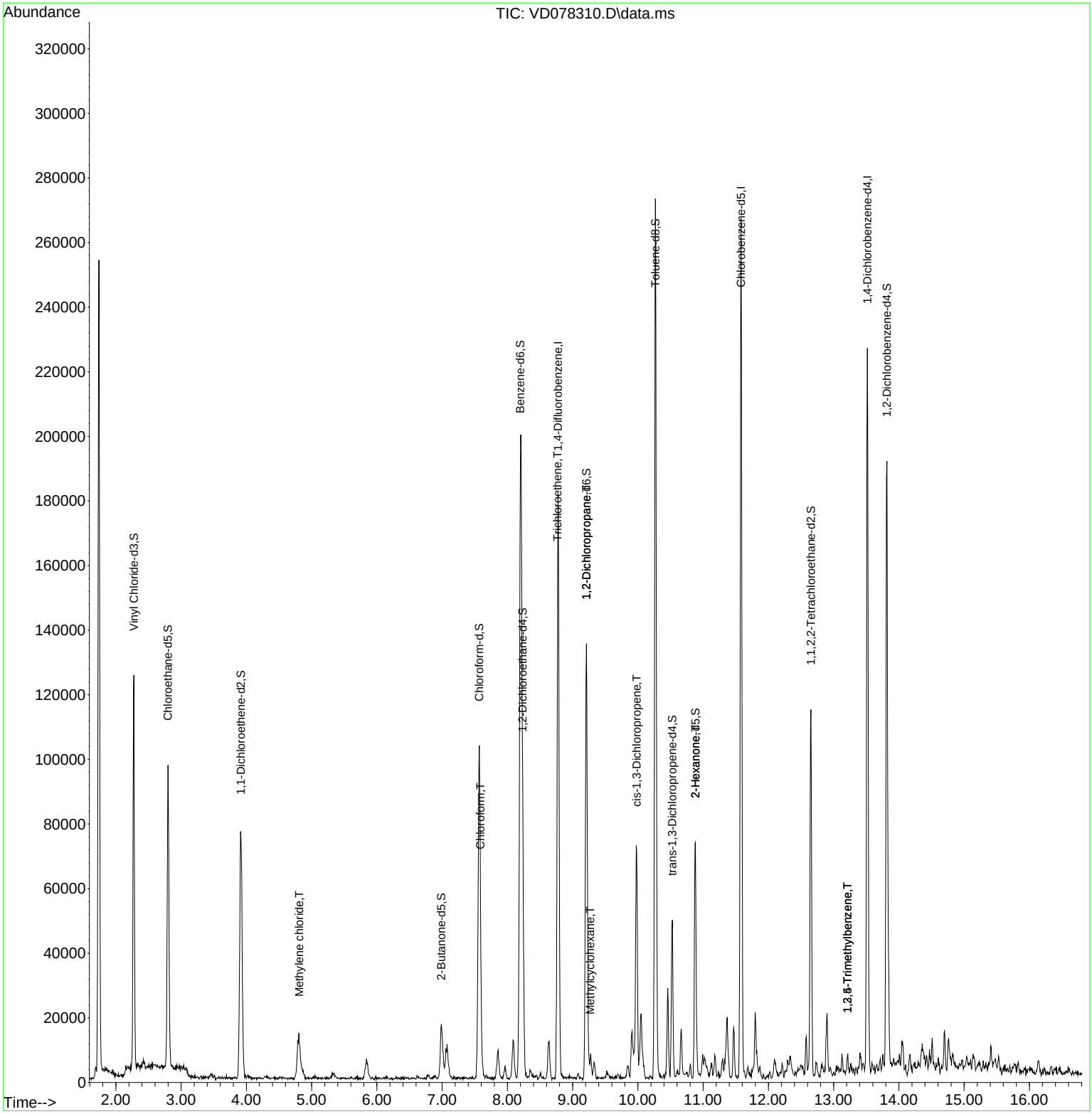
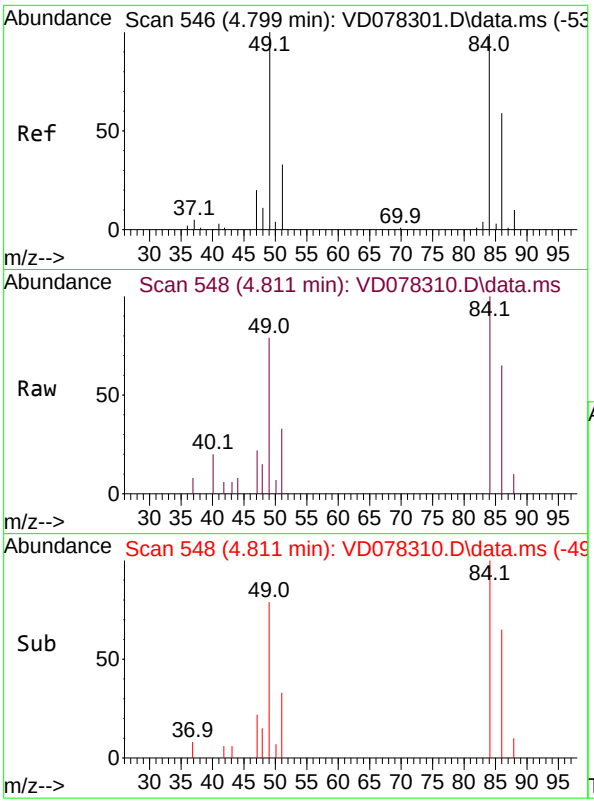
ClientSampleId :

Quant Time: Feb 02 00:40:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 02 00:36:57 2024
Response via : Initial Calibration



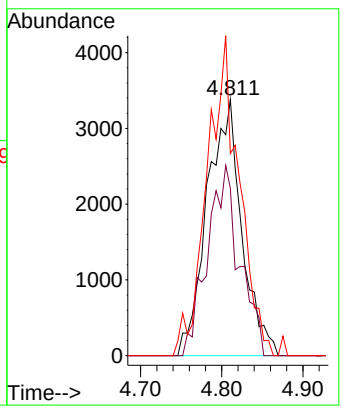


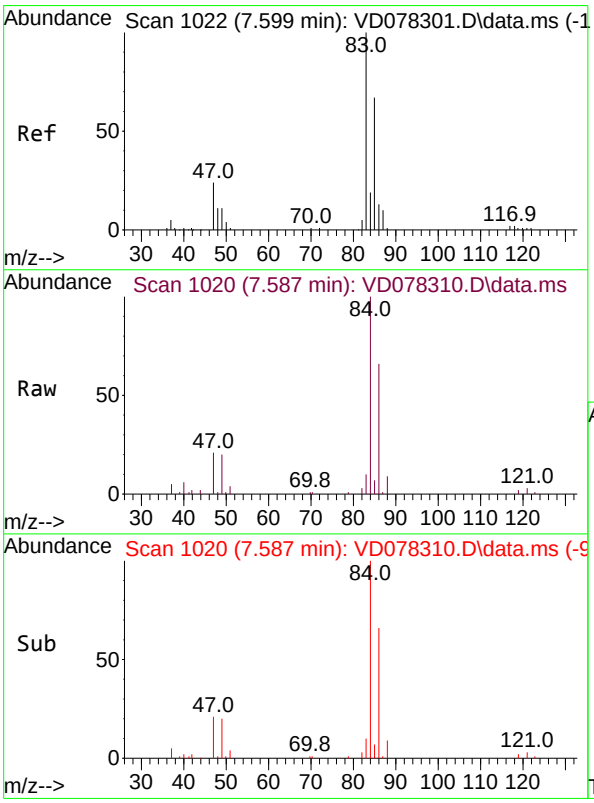
#16
Methylene chloride
Concen: 3.207 ug/L
RT: 4.811 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD078310.D
Acq: 01 Feb 2024 17:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 10044

Ion	Ratio	Lower	Upper
84	100		
86	65.3	45.4	84.2
49	78.9	77.3	143.7

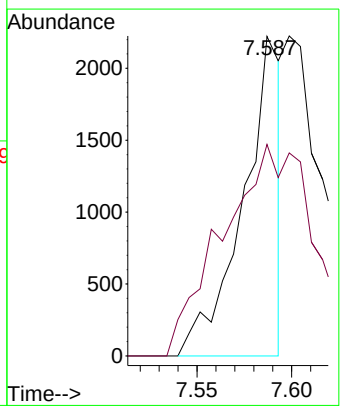


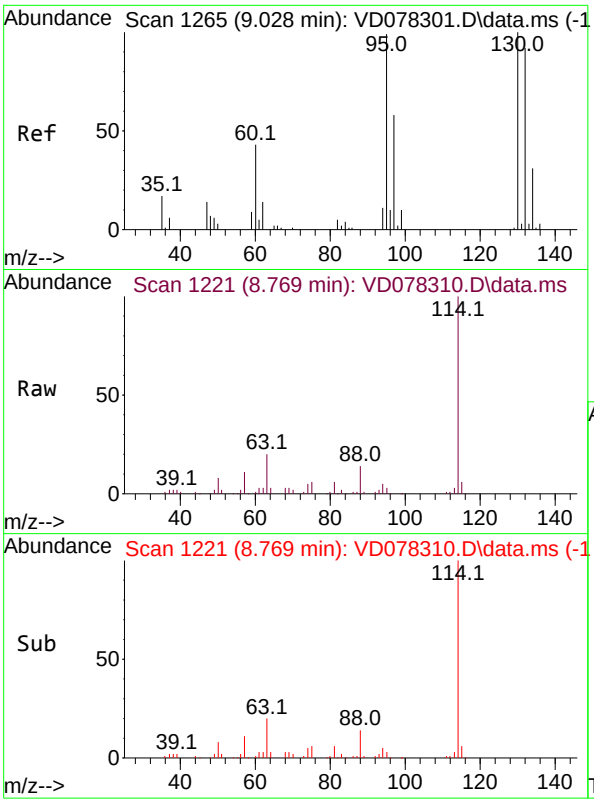


#25
Chloroform
Concen: 0.633 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD078310.D
Acq: 01 Feb 2024 17:36

Tgt Ion: 83 Resp: 3086

Ion	Ratio	Lower	Upper
83	100		
85	66.2	44.9	83.3



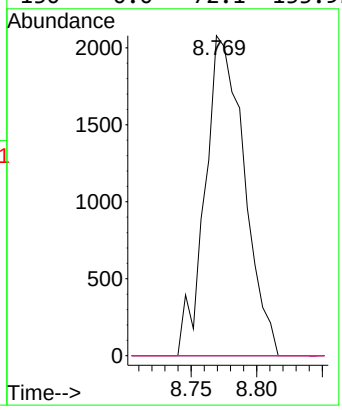


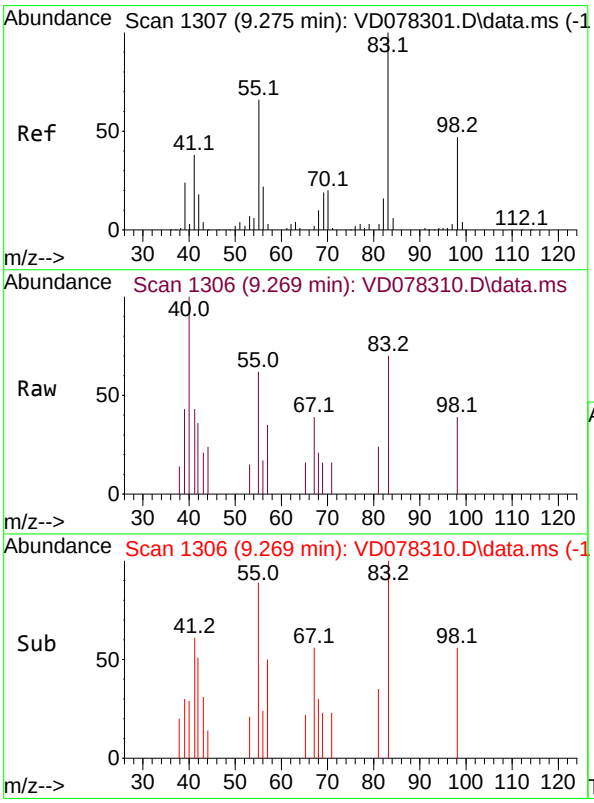
#34
Trichloroethene
Concen: 1.678 ug/L
RT: 8.769 min Scan# 1
Delta R.T. -0.259 min
Lab File: VD078310.D
Acq: 01 Feb 2024 17:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 4310

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.9	87.1#
132	0.0	73.7	136.9#
130	0.0	72.1	133.9#

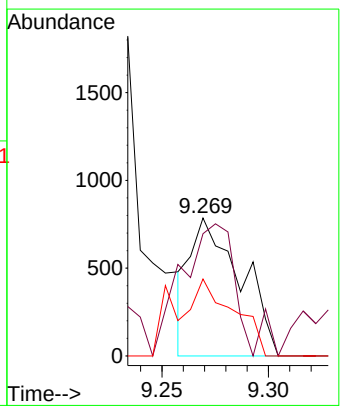


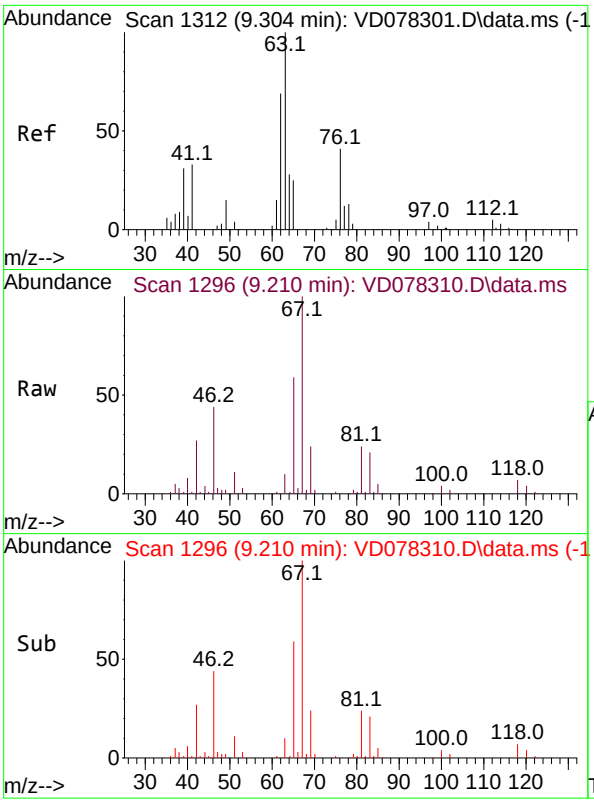


#35
Methylcyclohexane
Concen: 0.324 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD078310.D
Acq: 01 Feb 2024 17:36

Tgt Ion: 83 Resp: 1301

Ion	Ratio	Lower	Upper
83	100		
55	97.8	56.2	84.4#
98	47.3	41.2	61.8



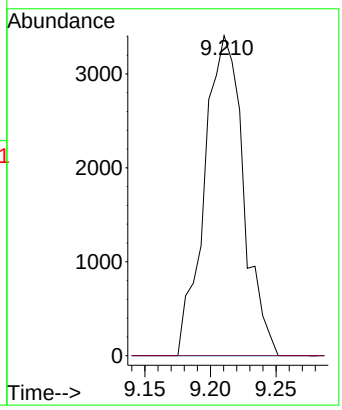


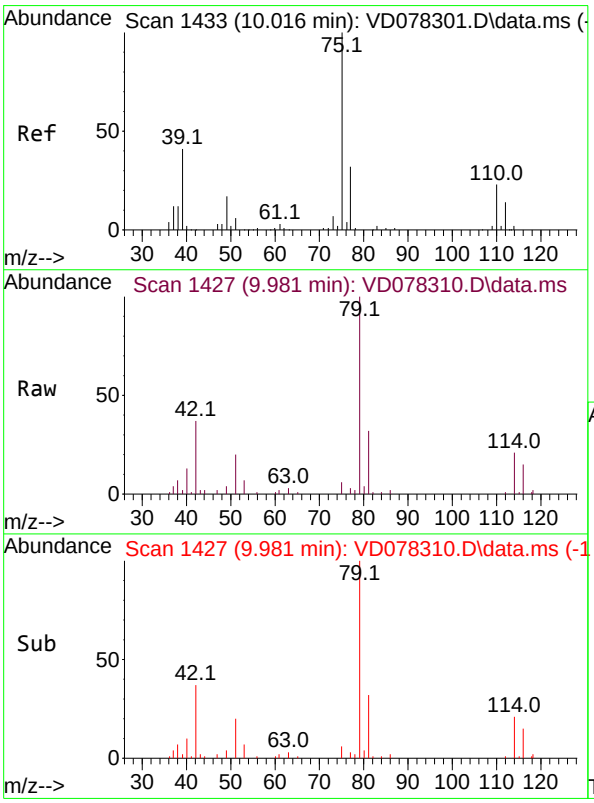
#37
1,2-Dichloropropane
Concen: 2.631 ug/L
RT: 9.210 min Scan# 1
Delta R.T. -0.094 min
Lab File: VD078310.D
Acq: 01 Feb 2024 17:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 7049

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

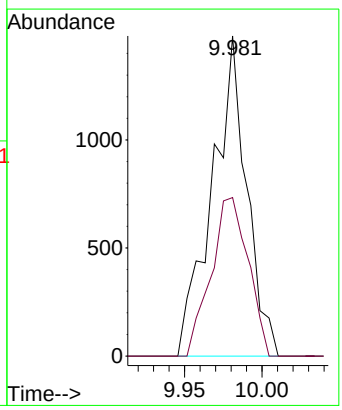


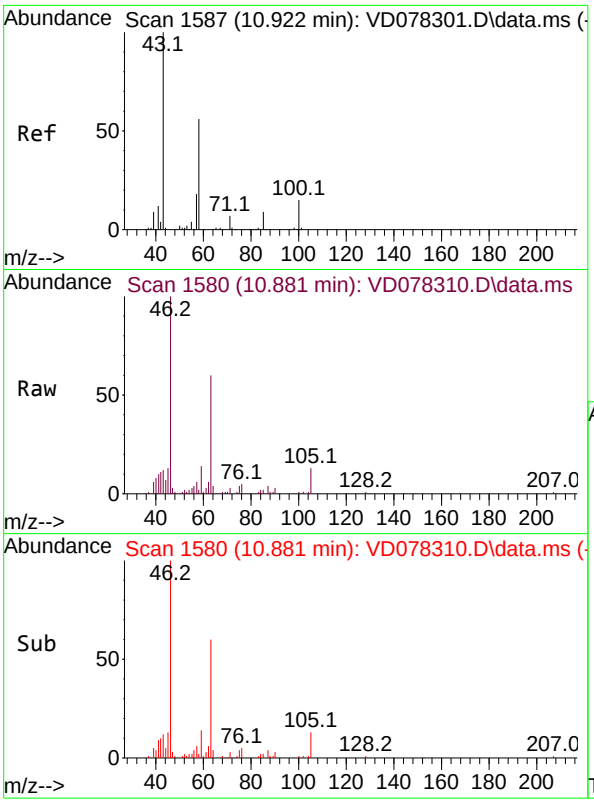


#39
cis-1,3-Dichloropropene
Concen: 0.550 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD078310.D
Acq: 01 Feb 2024 17:36

Tgt Ion: 75 Resp: 2293

Ion	Ratio	Lower	Upper
75	100		
77	49.5	22.3	41.5#



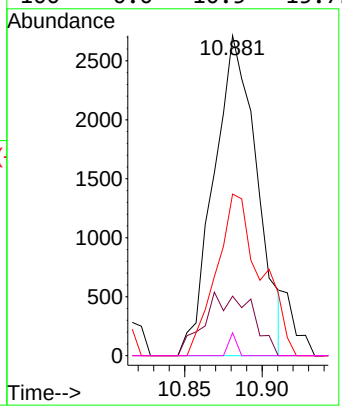


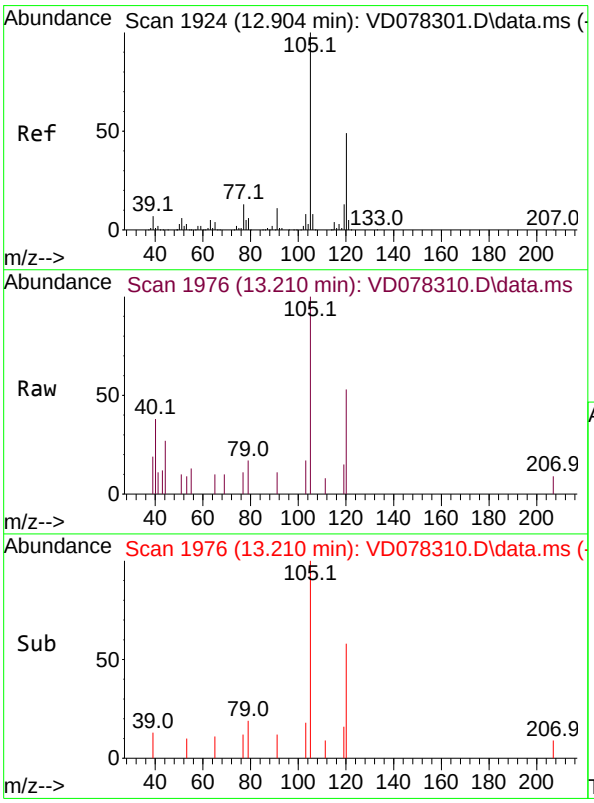
#48
2-Hexanone
Concen: 3.867 ug/L
RT: 10.881 min Scan# 1
Delta R.T. -0.041 min
Lab File: VD078310.D
Acq: 01 Feb 2024 17:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 5249

Ion	Ratio	Lower	Upper
43	100		
58	10.4	48.5	72.7#
57	42.6	15.6	23.4#
100	0.0	10.5	15.7#

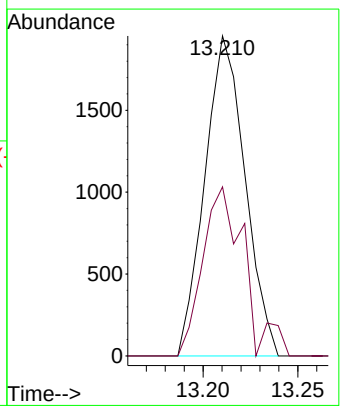


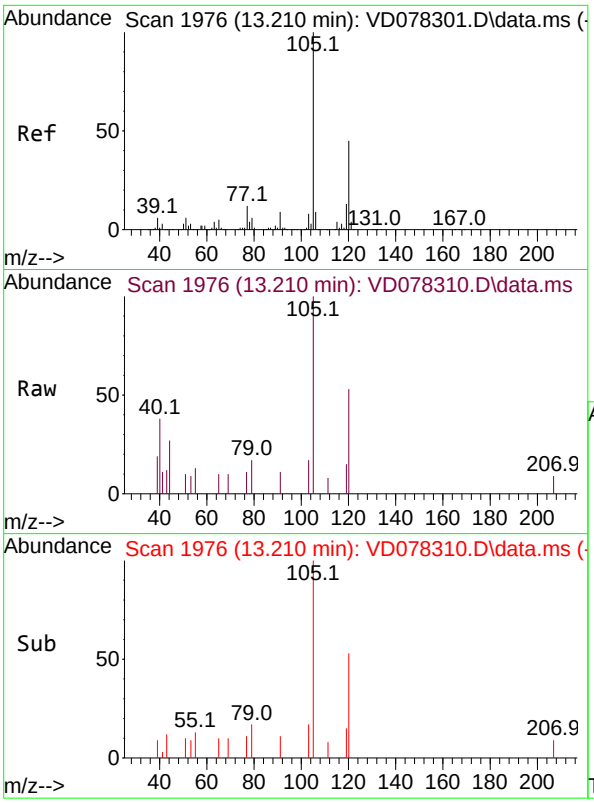


#62
1,3,5-Trimethylbenzene
Concen: 0.428 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.306 min
Lab File: VD078310.D
Acq: 01 Feb 2024 17:36

Tgt Ion:105 Resp: 2885

Ion	Ratio	Lower	Upper
105	100		
120	50.1	39.5	59.3





#63
1,2,4-Trimethylbenzene
Concen: 0.432 ug/L
RT: 13.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078310.D
Acq: 01 Feb 2024 17:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 2885

Ion	Ratio	Lower	Upper
105	100		
120	50.1	37.0	55.4