Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
Data File : VD077609.D
Acq On : 17 Nov 2023 13:15
Operator : JC/SY
Sample : 05438-03
Misc : 5.04G/10ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 18 00:36:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Nov 18 00:25:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	156414	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	138623	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	49150	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	58886	14.799	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.200%			
7) Chloroethane-d5	2.805	69	56444	18.058	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.240%			
11) 1,1-Dichloroethene-d2	3.917	65	18176	14.773	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.080%			
21) 2-Butanone-d5	6.987	46	47334	68.710	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 137.420%#			
24) Chloroform-d	7.575	84	97928	21.673	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.680%			
26) 1,2-Dichloroethane-d4	8.228	65	69372	28.864	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.440%			
32) Benzene-d6	8.205	84	181203	20.140	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.560%			
36) 1,2-Dichloropropane-d6	9.210	67	69104	23.580	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.320%			
41) Toluene-d8	10.269	98	146068	17.966	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.880%			
43) trans-1,3-Dichloroprop...	10.528	79	31717	25.101	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.400%			
47) 2-Hexanone-d5	10.875	63	34938	66.643	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.280%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	62521	32.199	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 128.800%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	36806	21.050	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.200%			
Target Compounds						Qvalue
13) Acetone	4.028	43	8790	12.139	ug/L	80
15) Methyl Acetate	4.558	43	570	0.478	ug/L #	56
16) Methylene chloride	4.805	84	35678	13.510	ug/L	97
35) Methylcyclohexane	9.216	83	15286	3.556	ug/L #	16
37) 1,2-Dichloropropane	9.216	63	7686	2.876	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	2117	0.516	ug/L	89
44) trans-1,3-Dichloropropene	10.528	75	1604	0.473	ug/L	94
61) 1,2,3-Trichloropropane	13.516	75	6590	6.295	ug/L #	62

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

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Quant Title : SFAM01.0
QLast Update : Sat Nov 18 00:25:31 2023
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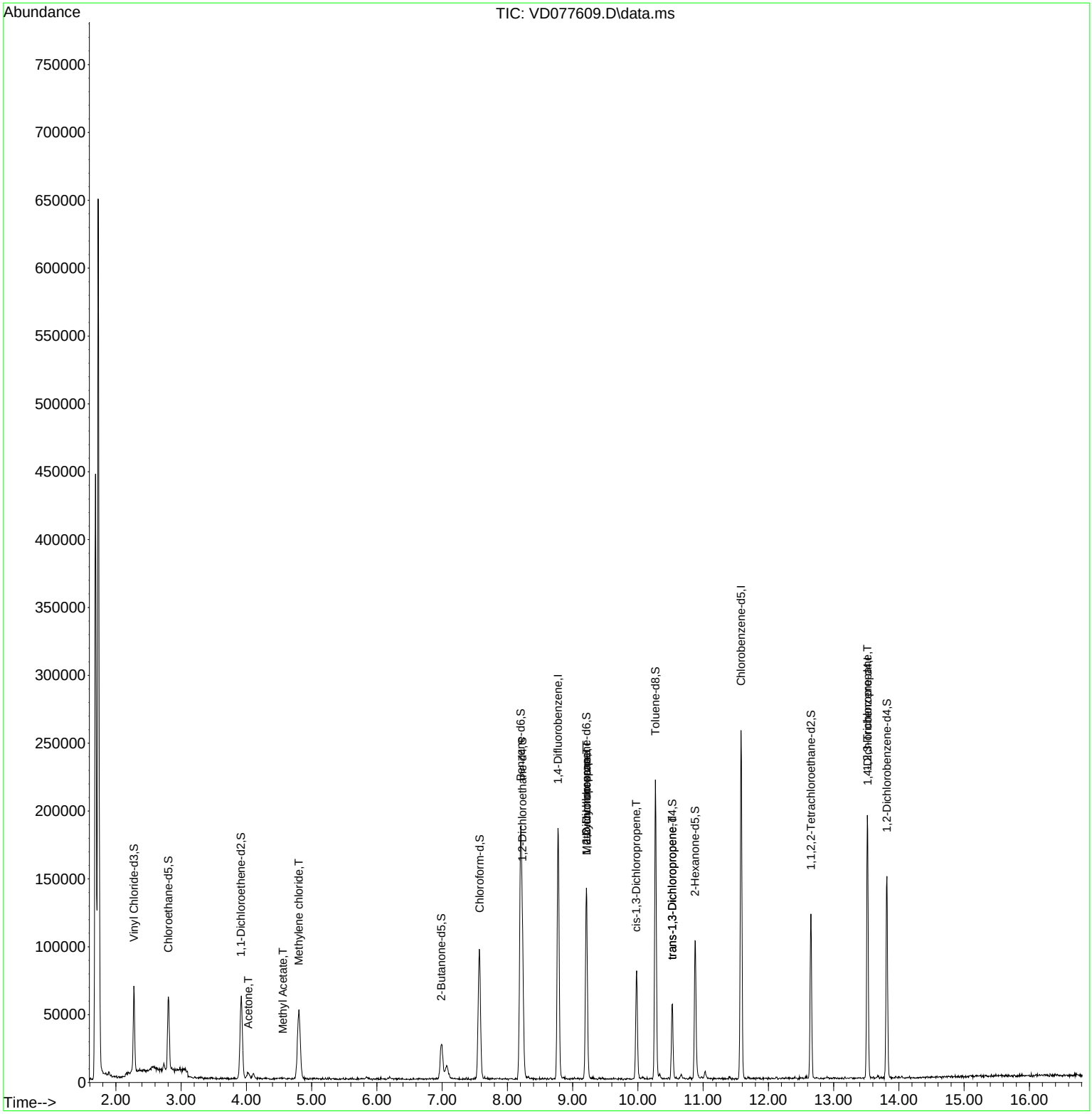
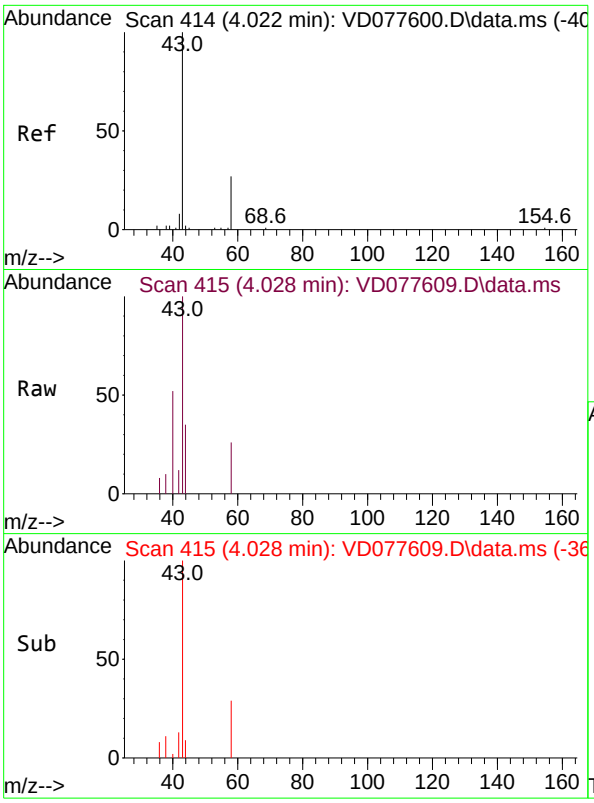


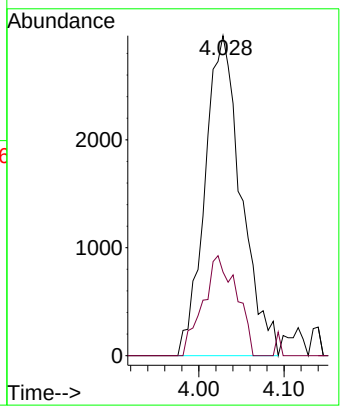


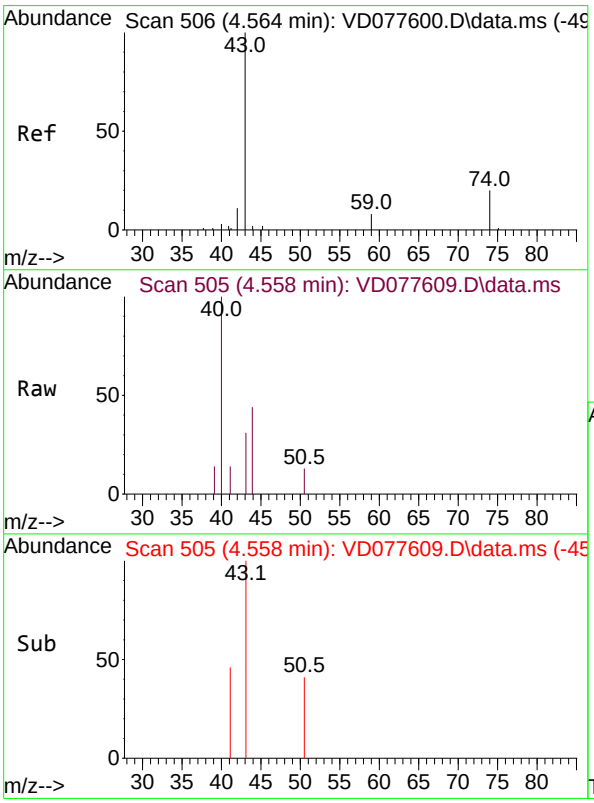
#13
Acetone
Concen: 12.139 ug/L
RT: 4.028 min Scan# 4
Delta R.T. 0.006 min
Lab File: VD077609.D
Acq: 17 Nov 2023 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 8790

Ion	Ratio	Lower	Upper
43	100		
58	20.7	0.0	64.0

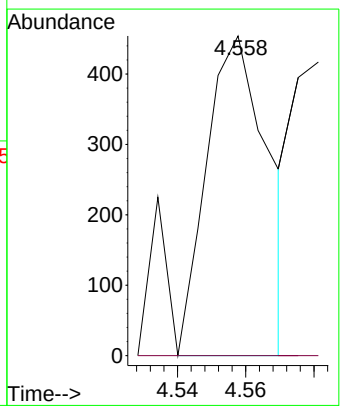


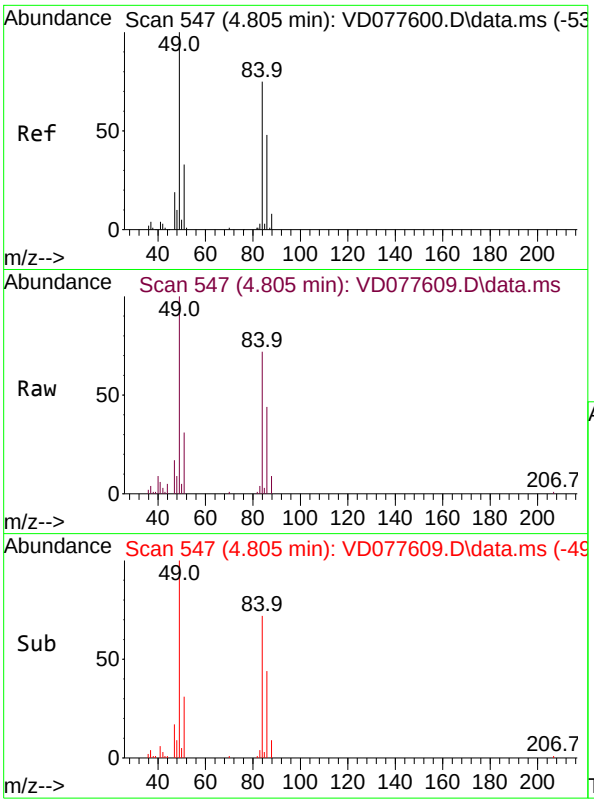


#15
Methyl Acetate
Concen: 0.478 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077609.D
Acq: 17 Nov 2023 13:15

Tgt Ion: 43 Resp: 570

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



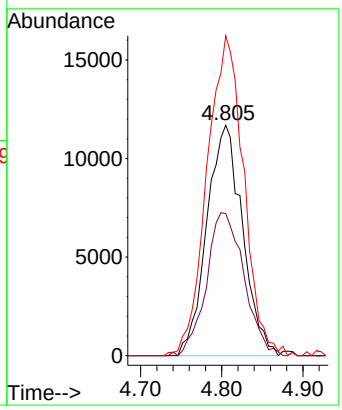


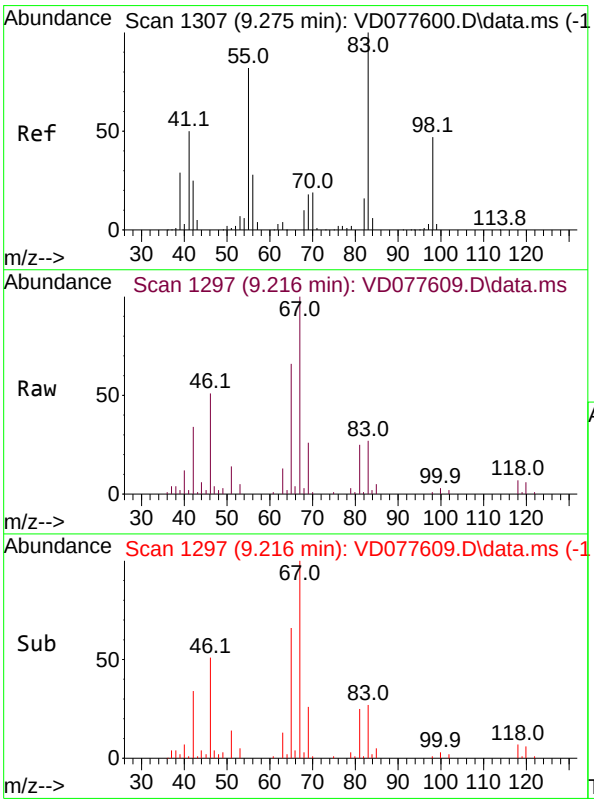
#16
Methylene chloride
Concen: 13.510 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD077609.D
Acq: 17 Nov 2023 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 35678

Ion	Ratio	Lower	Upper
84	100		
86	61.6	46.5	86.5
49	138.8	98.3	182.7

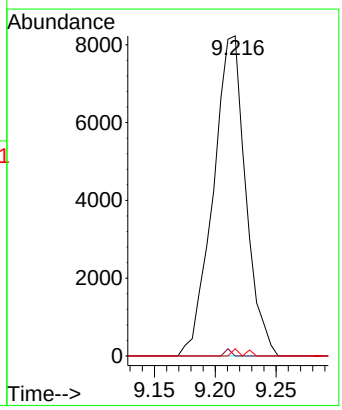


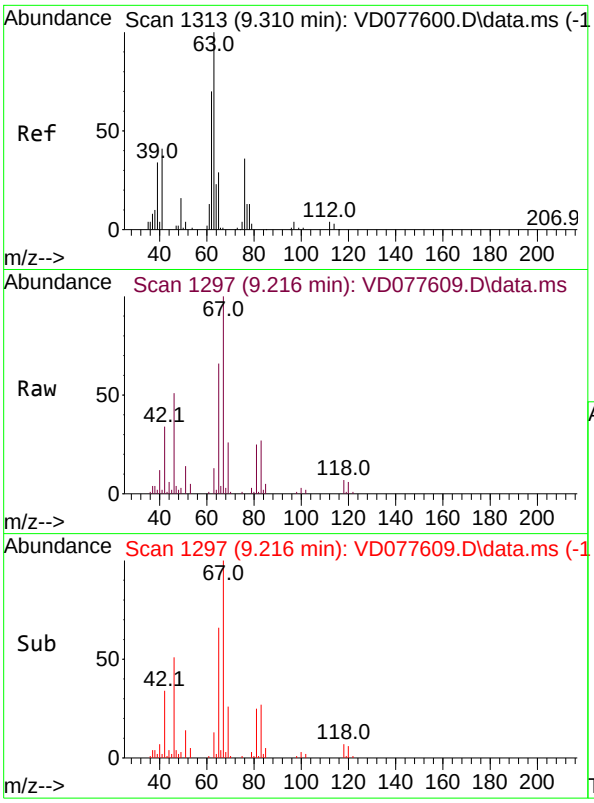


#35
Methylcyclohexane
Concen: 3.556 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.059 min
Lab File: VD077609.D
Acq: 17 Nov 2023 13:15

Tgt Ion: 83 Resp: 15286

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.5	99.7#
98	0.4	37.4	56.2#



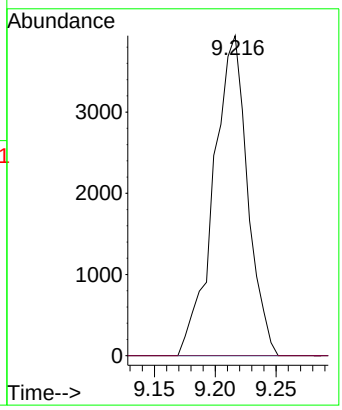


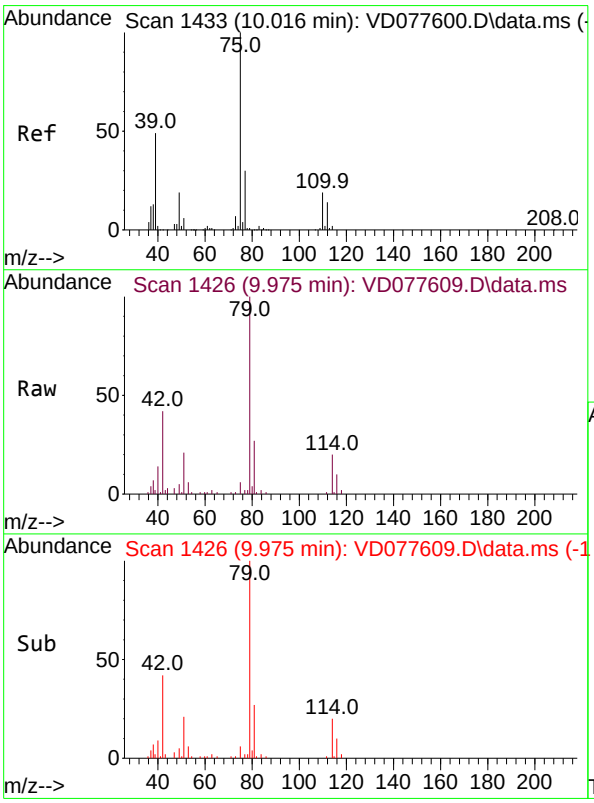
#37
1,2-Dichloropropane
Concen: 2.876 ug/L
RT: 9.216 min Scan# 1
Delta R.T. -0.094 min
Lab File: VD077609.D
Acq: 17 Nov 2023 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 7686

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

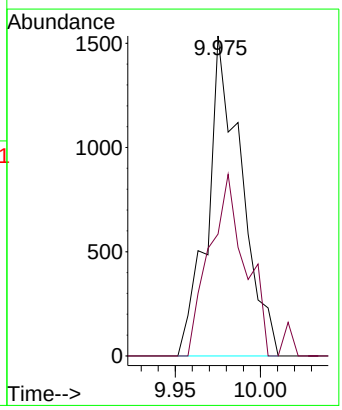


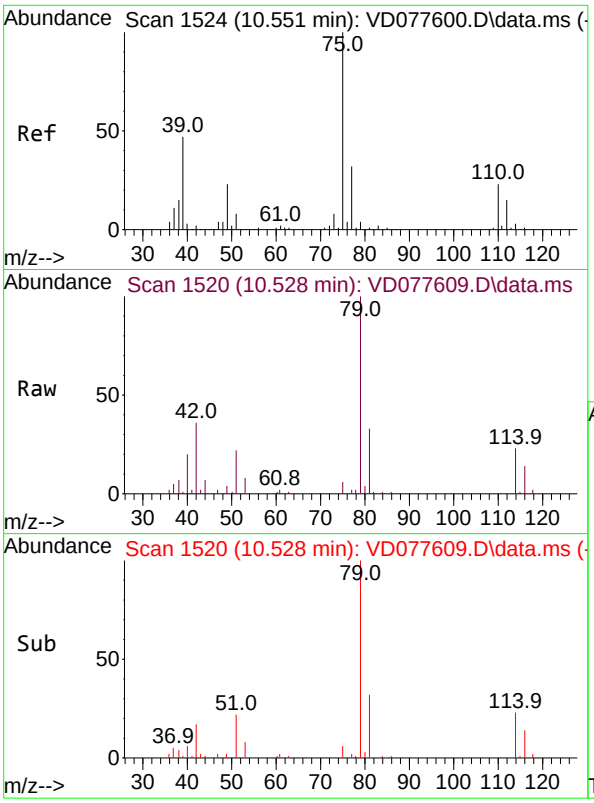


#39
cis-1,3-Dichloropropene
Concen: 0.516 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD077609.D
Acq: 17 Nov 2023 13:15

Tgt Ion: 75 Resp: 2117

Ion	Ratio	Lower	Upper
75	100		
77	38.1	22.5	41.9



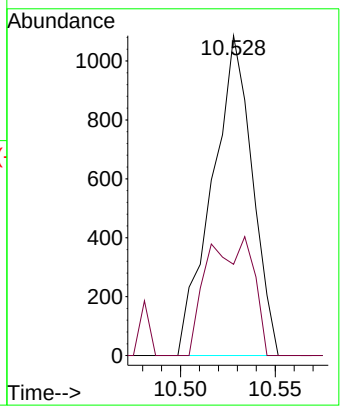


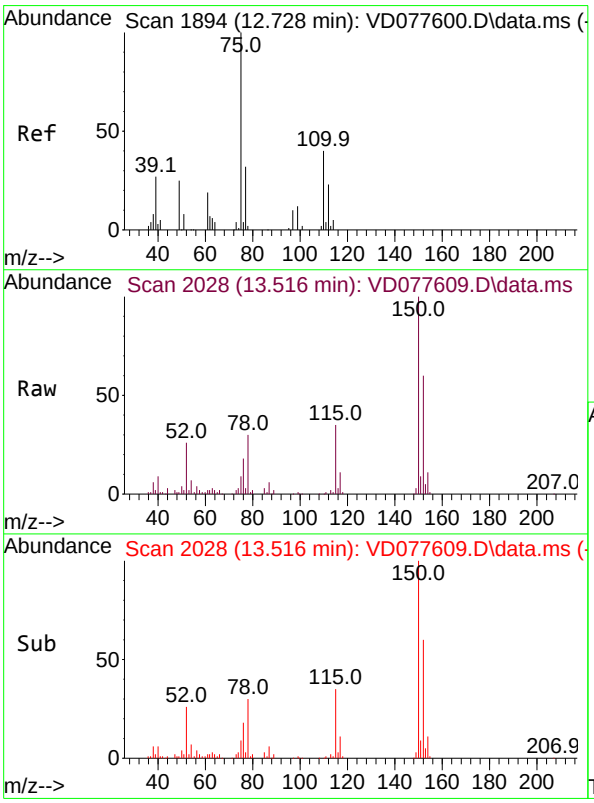
#44
trans-1,3-Dichloropropene
Concen: 0.473 ug/L
RT: 10.528 min Scan# 1
Delta R.T. -0.023 min
Lab File: VD077609.D
Acq: 17 Nov 2023 13:15

Instrument :
MSVOA_D
ClientSampleId :

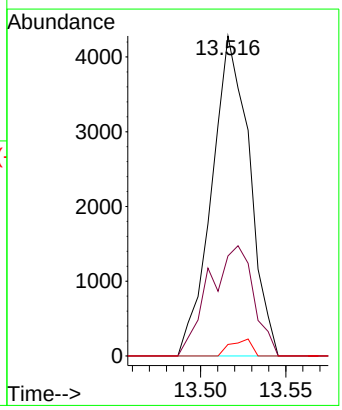
Tgt Ion: 75 Resp: 1604

Ion	Ratio	Lower	Upper
75	100		
77	28.5	22.3	41.5





#61
1,2,3-Trichloropropane
Concen: 6.295 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD077609.D
Acq: 17 Nov 2023 13:15

Tgt Ion: 75 Resp: 6590

Ion	Ratio	Lower	Upper
75	100		
77	40.8	25.6	38.4#
110	3.0	29.6	44.4#