Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
Data File : VD079899.D
Acq On : 25 Sep 2024 18:49
Operator : RP/MD
Sample : P4162-14
Misc : 5.07G/10ml/MSVOA_D/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 26 01:58:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 26 01:54:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	154077	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	94640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	15889	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	133075	19.862	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.440%			
7) Chloroethane-d5	2.805	69	130540	24.610	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.440%			
11) 1,1-Dichloroethene-d2	3.916	65	21138	17.377	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.520%			
21) 2-Butanone-d5	6.987	46	19936	32.026	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.060%			
24) Chloroform-d	7.569	84	104663	20.665	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.640%			
26) 1,2-Dichloroethane-d4	8.234	65	57197	21.597	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.400%			
32) Benzene-d6	8.204	84	200903	30.068	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 120.280%			
36) 1,2-Dichloropropane-d6	9.210	67	70169	34.290	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 137.160%#			
41) Toluene-d8	10.269	98	137419	23.373	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.480%			
43) trans-1,3-Dichloroprop...	10.528	79	18725	21.284	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.120%			
47) 2-Hexanone-d5	10.875	63	14506	43.486	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.980%			
56) 1,1,2,2-Tetrachloroeth...	12.645	84	31335	20.838	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.360%			
66) 1,2-Dichlorobenzene-d4	13.816	152	12213	20.382	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.520%			
Target Compounds						Qvalue
15) Methyl Acetate	4.569	43	45494	37.633	ug/L #	76
25) Chloroform	7.587	83	1424	0.276	ug/L #	60
34) Trichloroethene	8.775	95	4467	2.743	ug/L #	8
35) Methylcyclohexane	9.210	83	15359	5.845	ug/L #	20
37) 1,2-Dichloropropane	9.204	63	8150	4.241	ug/L #	100
39) cis-1,3-Dichloropropene	9.987	75	1498	0.555	ug/L	96
44) trans-1,3-Dichloropropene	10.528	75	1155	0.486	ug/L	89
48) 2-Hexanone	10.898	43	1203	1.470	ug/L #	45
61) 1,2,3-Trichloropropane	13.516	75	2356	6.032	ug/L #	62

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

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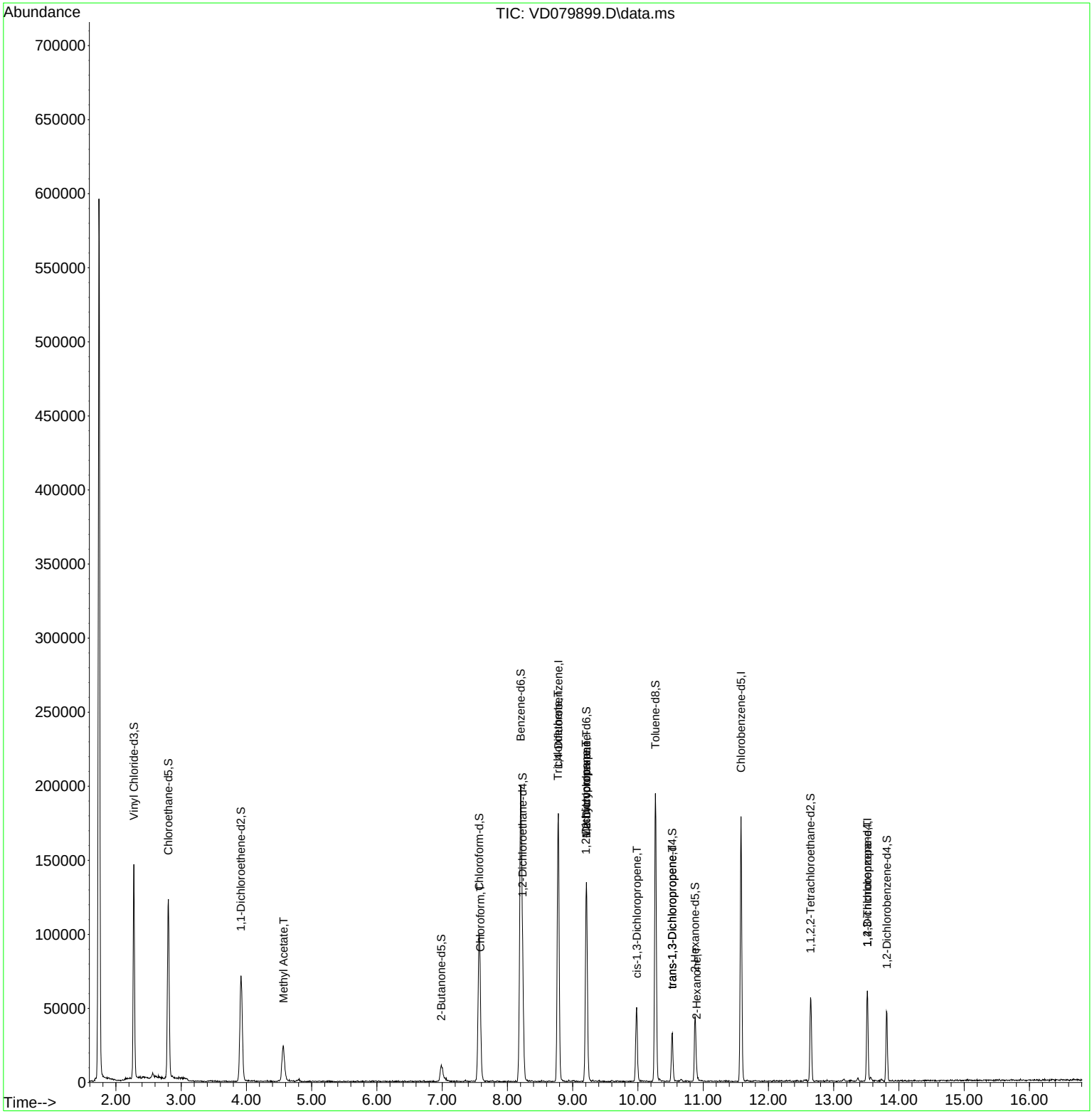
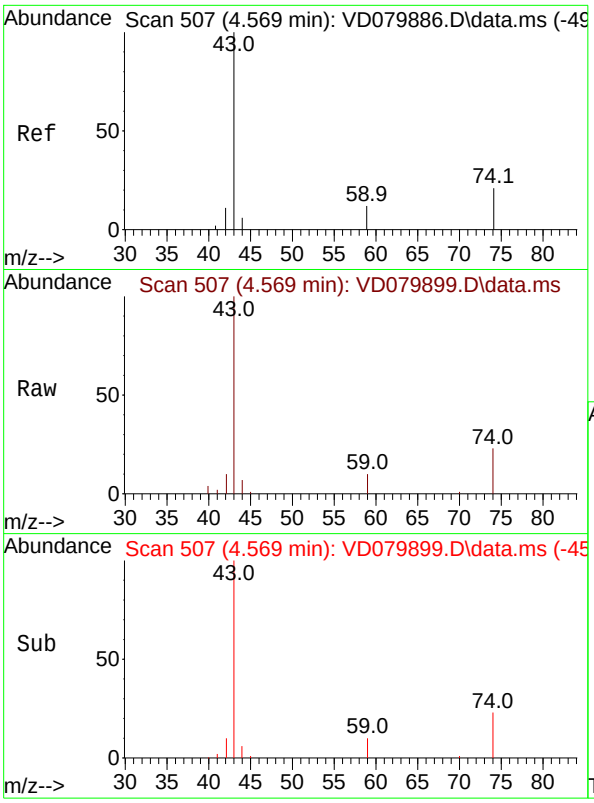
Quant Title : SFAM01.0
QLast Update : Thu Sep 26 01:54:46 2024
Response via : Initial Calibration



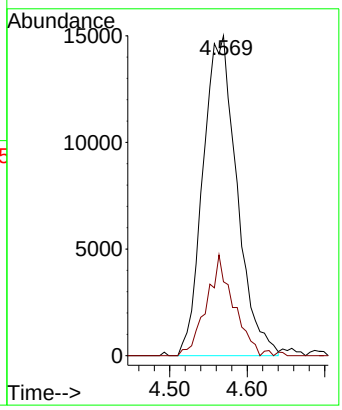


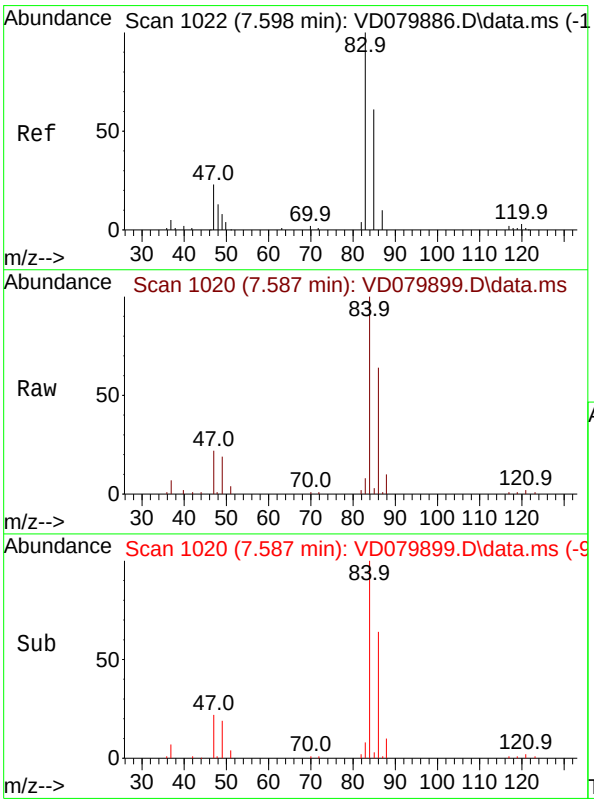
#15
Methyl Acetate
Concen: 37.633 ug/L
RT: 4.569 min Scan# 5
Delta R.T. 0.000 min
Lab File: VD079899.D
Acq: 25 Sep 2024 18:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 45494

Ion	Ratio	Lower	Upper
43	100		
74	25.0	11.9	17.9#

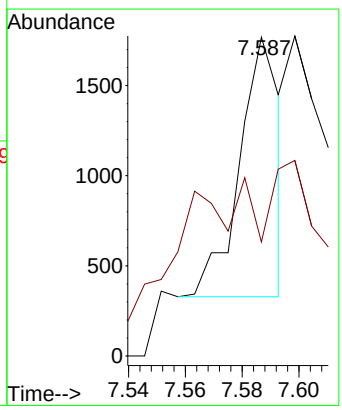


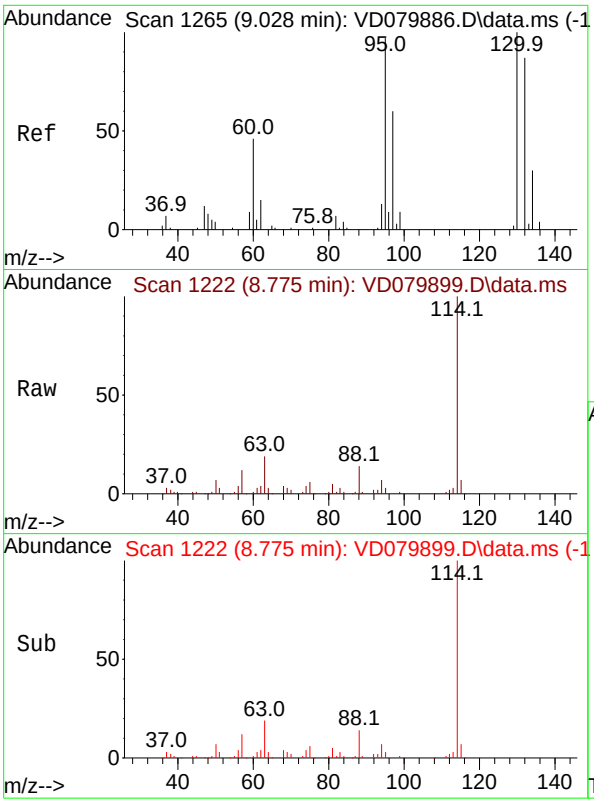


#25
Chloroform
Concen: 0.276 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD079899.D
Acq: 25 Sep 2024 18:49

Tgt Ion: 83 Resp: 1424

Ion	Ratio	Lower	Upper
83	100		
85	35.7	47.3	87.9#



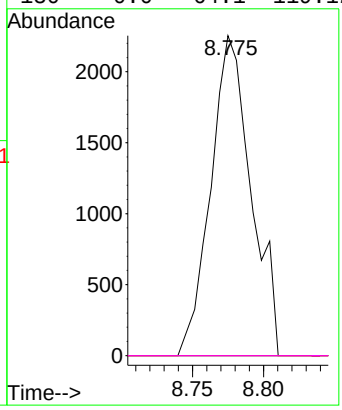


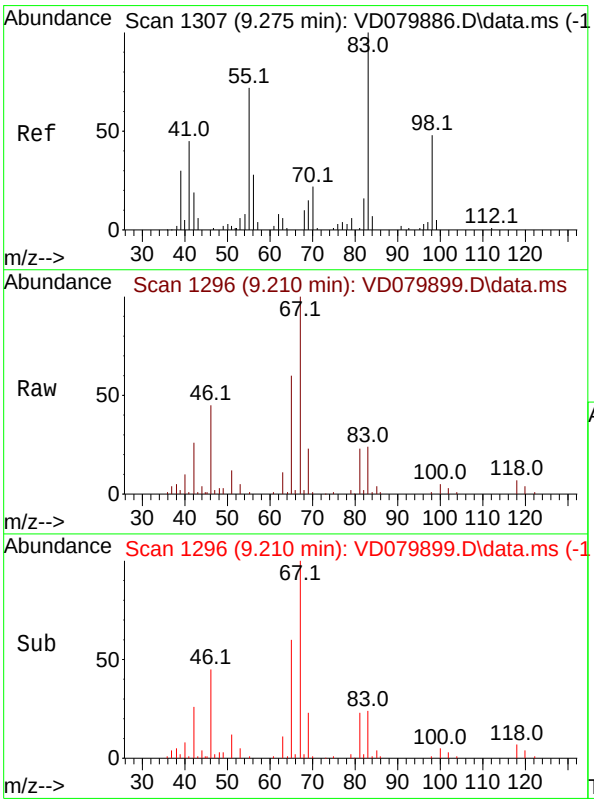
#34
Trichloroethene
Concen: 2.743 ug/L
RT: 8.775 min Scan# 1
Delta R.T. -0.253 min
Lab File: VD079899.D
Acq: 25 Sep 2024 18:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 4467

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.5	80.7#
132	0.0	64.5	119.7#
130	0.0	64.1	119.1#

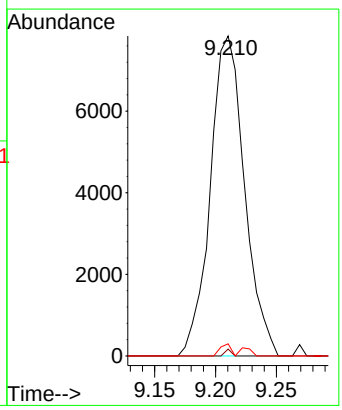


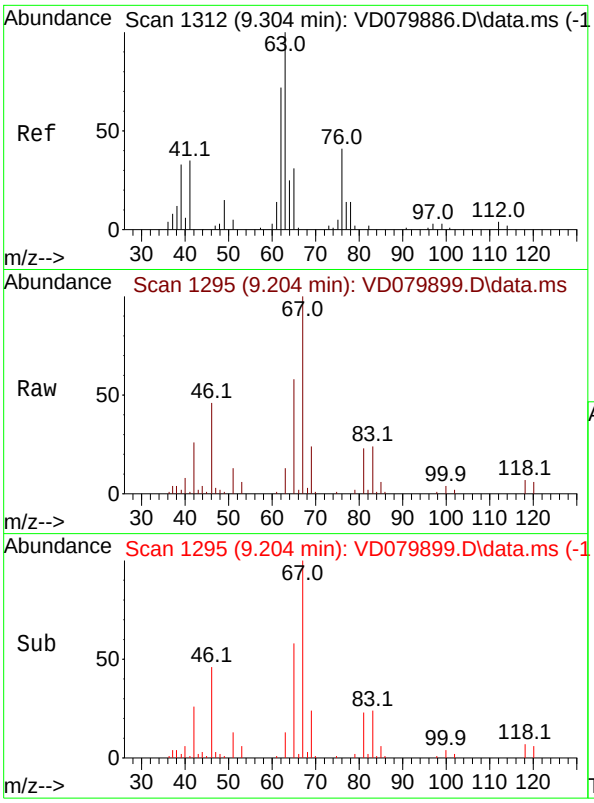


#35
Methylcyclohexane
Concen: 5.845 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.064 min
Lab File: VD079899.D
Acq: 25 Sep 2024 18:49

Tgt Ion: 83 Resp: 15359

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	1.2	38.6	58.0#



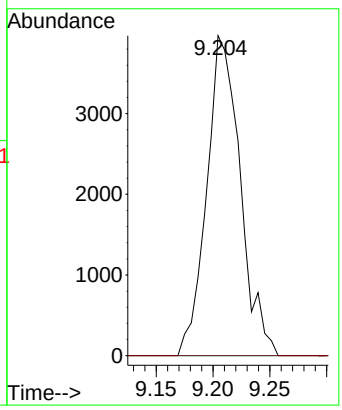


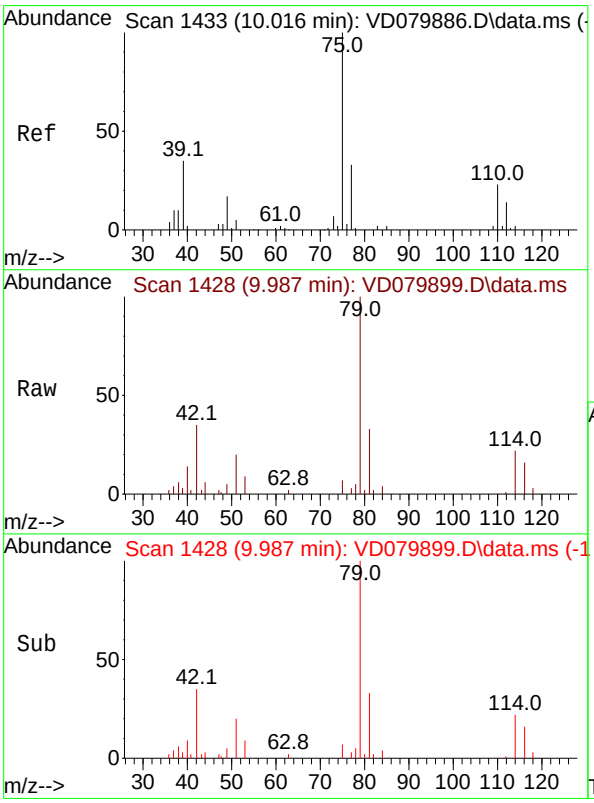
#37
1,2-Dichloropropane
Concen: 4.241 ug/L
RT: 9.204 min Scan# 1
Delta R.T. -0.100 min
Lab File: VD079899.D
Acq: 25 Sep 2024 18:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 8150

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	0.0

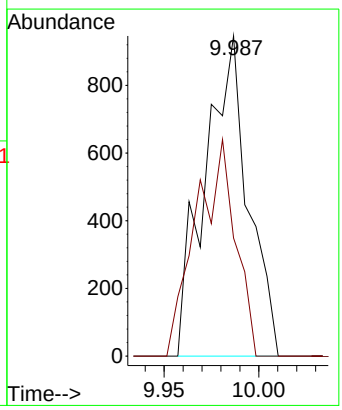


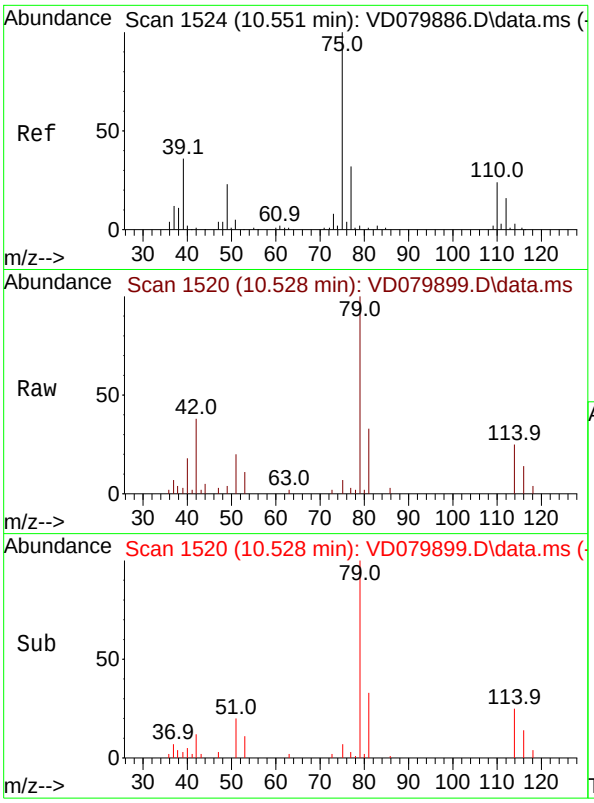


#39
cis-1,3-Dichloropropene
Concen: 0.555 ug/L
RT: 9.987 min Scan# 1428
Delta R.T. -0.029 min
Lab File: VD079899.D
Acq: 25 Sep 2024 18:49

Tgt Ion: 75 Resp: 1498

Ion	Ratio	Lower	Upper
75	100		
77	36.9	24.1	44.8



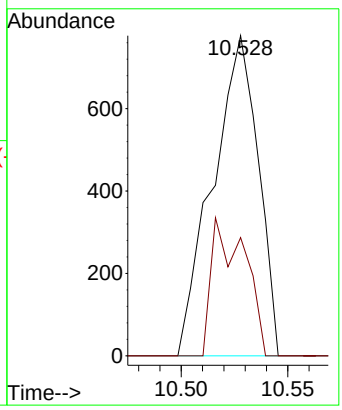


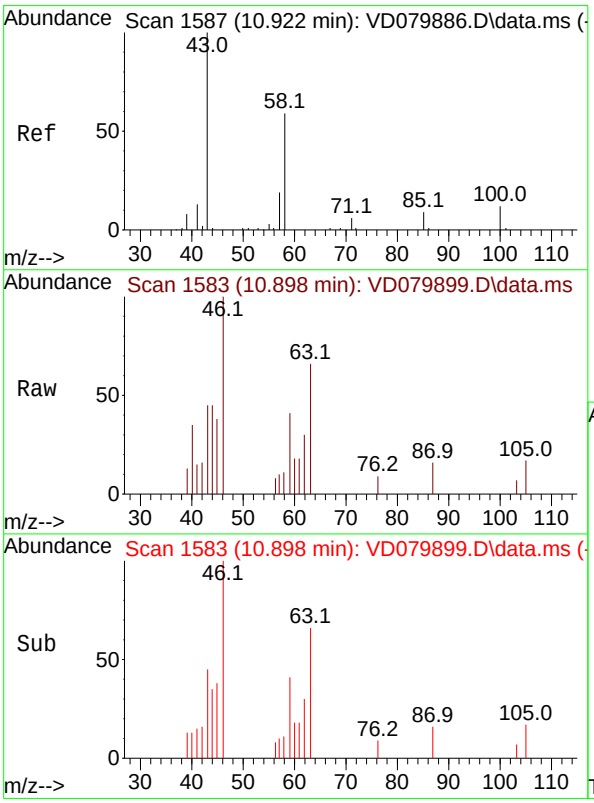
#44
trans-1,3-Dichloropropene
Concen: 0.486 ug/L
RT: 10.528 min Scan# 1
Delta R.T. -0.023 min
Lab File: VD079899.D
Acq: 25 Sep 2024 18:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 1155

Ion	Ratio	Lower	Upper
75	100		
77	36.9	21.8	40.4

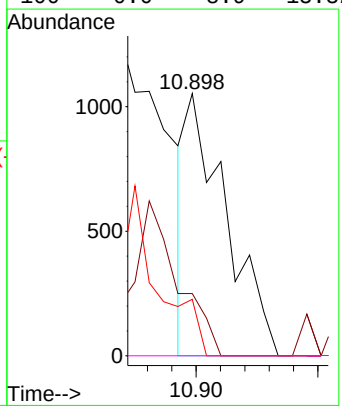


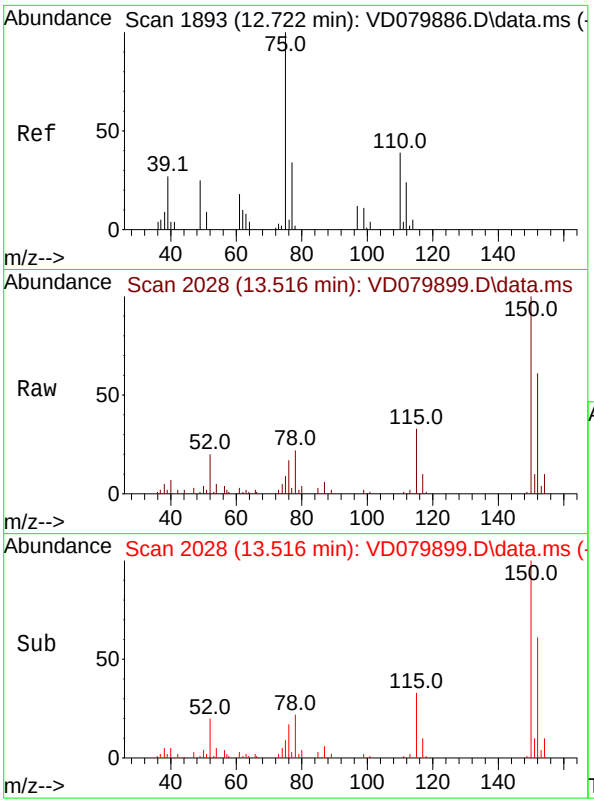


#48
2-Hexanone
Concen: 1.470 ug/L
RT: 10.898 min Scan# 1583
Delta R.T. -0.023 min
Lab File: VD079899.D
Acq: 25 Sep 2024 18:49

Tgt Ion: 43 Resp: 1203

Ion	Ratio	Lower	Upper
43	100		
58	4.9	44.7	67.1#
57	6.7	13.6	20.4#
100	0.0	8.9	13.3#





#61
1,2,3-Trichloropropane
Concen: 6.032 ug/L
RT: 13.516 min Scan# 2
Delta R.T. 0.794 min
Lab File: VD079899.D
Acq: 25 Sep 2024 18:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2356

Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.1	37.7
110	0.0	30.1	45.1#