Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052824\
Data File : VD079045.D
Acq On : 28 May 2024 13:11
Operator : RP/MD
Sample : P2589-12
Misc : 6.20G/10ml/MSVOA_D/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 29 01:34:00 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	8.781	114	19600	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.581	117	21798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	9778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	10406	21.657	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.640%			
7) Chloroethane-d5	2.799	69	12409	24.126	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.520%			
11) 1,1-Dichloroethene-d2	3.917	65	664	7.085	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 28.320%#			
21) 2-Butanone-d5	6.987	46	3131	46.038	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.080%			
24) Chloroform-d	7.575	84	11360	19.469	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 77.880%			
26) 1,2-Dichloroethane-d4	8.234	65	9228	33.302	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 133.200%#			
32) Benzene-d6	8.205	84	22110	19.879	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.520%			
36) 1,2-Dichloropropane-d6	9.210	67	8210	24.226	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.920%			
41) Toluene-d8	10.269	98	16307	15.906	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 63.640%			
43) trans-1,3-Dichloroprop...	10.528	79	3896	24.957	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.840%			
47) 2-Hexanone-d5	10.875	63	3782	55.683	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.360%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	13023	33.781	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 135.120%#			
66) 1,2-Dichlorobenzene-d4	13.810	152	7360	22.177	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.720%			
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	2249	4.844	ug/L #	64
25) Chloroform	7.587	83	1036	1.487	ug/L	98
34) Trichloroethene	8.781	95	422	1.096	ug/L #	3
35) Methylcyclohexane	9.210	83	1566	2.706	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	1004	2.651	ug/L #	85
44) trans-1,3-Dichloropropene	10.528	75	154	0.293	ug/L #	44
48) 2-Hexanone	10.869	43	104	0.701	ug/L #	1
61) 1,2,3-Trichloropropane	13.516	75	990	4.417	ug/L #	48

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

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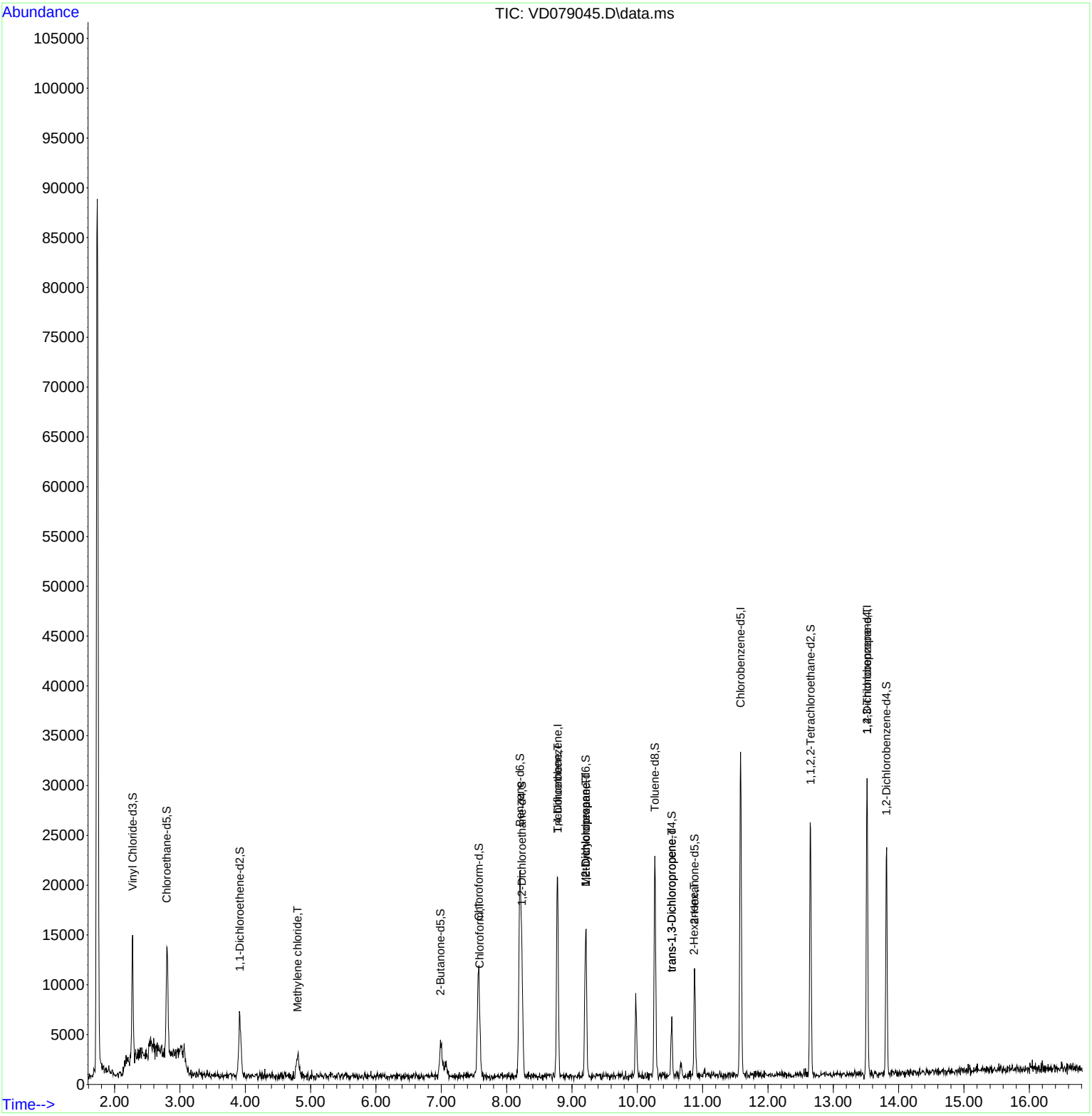
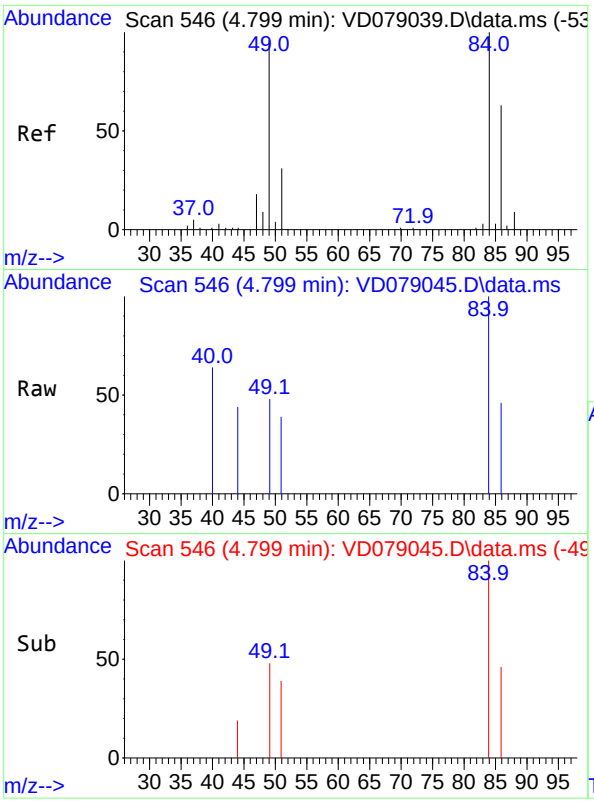
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration



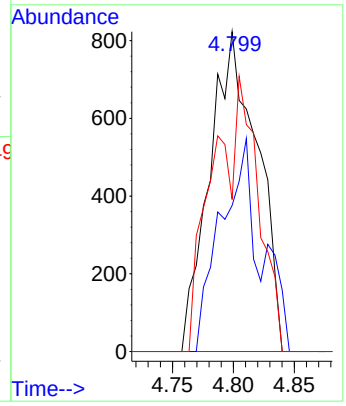


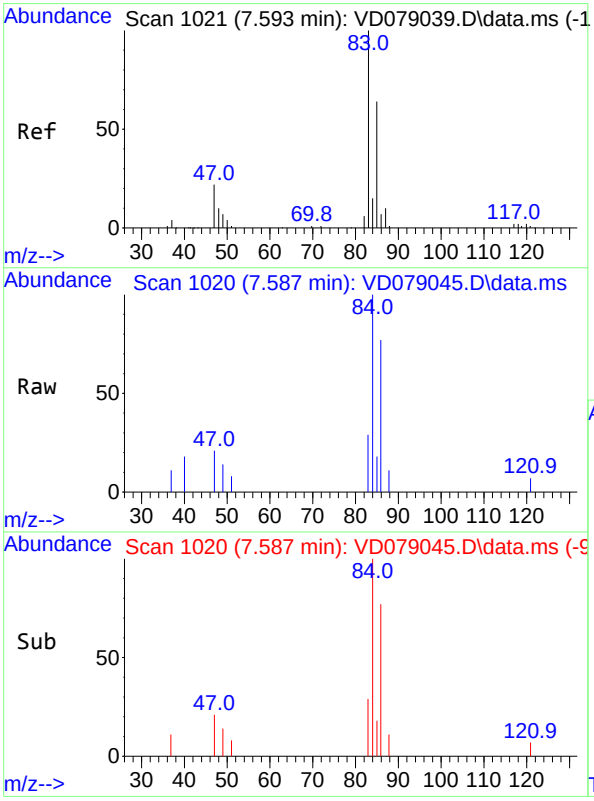
#16
Methylene chloride
Concen: 4.844 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD079045.D
Acq: 28 May 2024 13:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 2249

Ion	Ratio	Lower	Upper
84	100		
86	45.7	43.7	81.1
49	47.5	64.0	119.0#

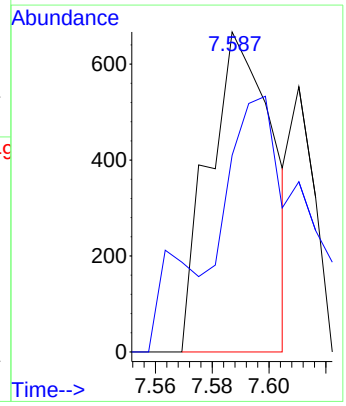


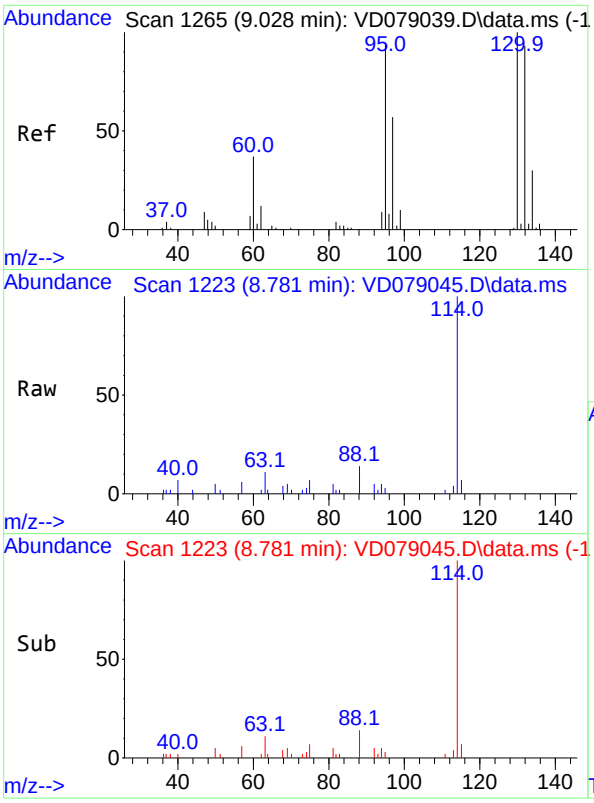


#25
Chloroform
Concen: 1.487 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD079045.D
Acq: 28 May 2024 13:11

Tgt Ion: 83 Resp: 1036

Ion	Ratio	Lower	Upper
83	100		
85	61.5	41.8	77.6



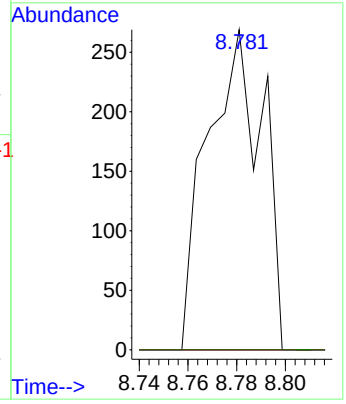


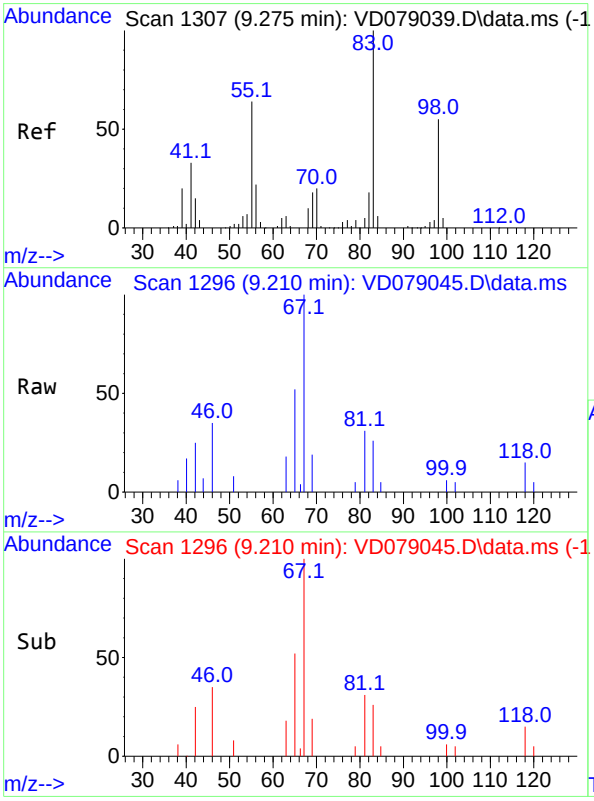
#34
Trichloroethene
Concen: 1.096 ug/L
RT: 8.781 min Scan# 1
Delta R.T. -0.247 min
Lab File: VD079045.D
Acq: 28 May 2024 13:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 422

Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.6	79.2#
132	0.0	69.5	129.1#
130	0.0	76.3	141.7#

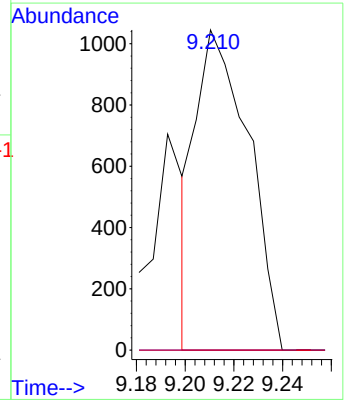


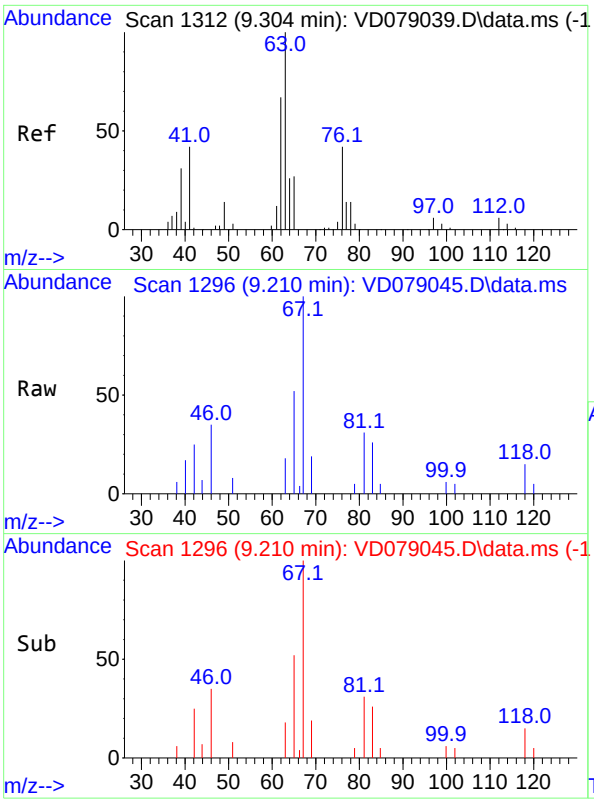


#35
Methylcyclohexane
Concen: 2.706 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD079045.D
Acq: 28 May 2024 13:11

Tgt Ion: 83 Resp: 1566

Ion	Ratio	Lower	Upper
83	100		
55	0.0	49.0	73.6#
98	0.0	40.1	60.1#



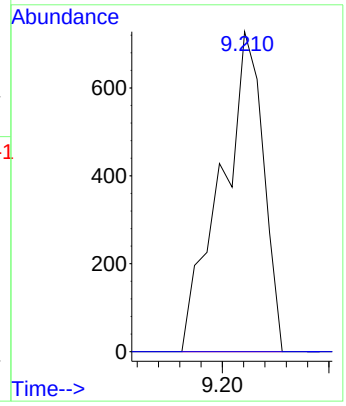


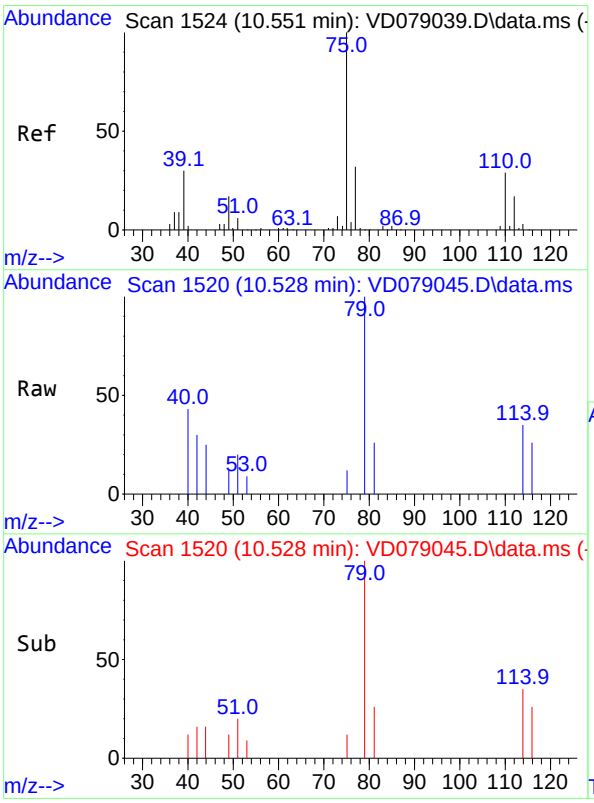
#37
1,2-Dichloropropane
Concen: 2.651 ug/L
RT: 9.210 min Scan# 1
Delta R.T. -0.094 min
Lab File: VD079045.D
Acq: 28 May 2024 13:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 1004

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#

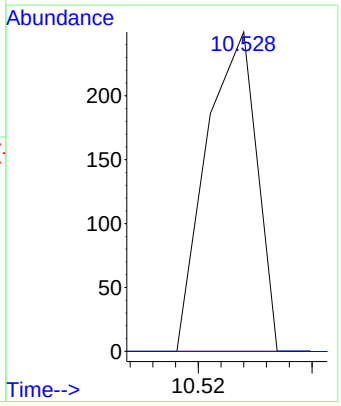


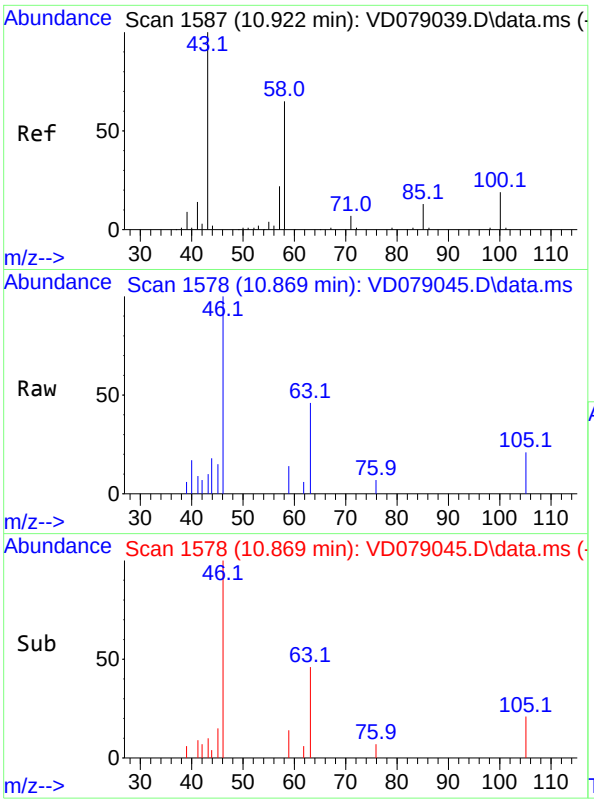


#44
trans-1,3-Dichloropropene
Concen: 0.293 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.023 min
Lab File: VD079045.D
Acq: 28 May 2024 13:11

Tgt Ion: 75 Resp: 154

Ion	Ratio	Lower	Upper
75	100		
77	0.0	21.8	40.4#



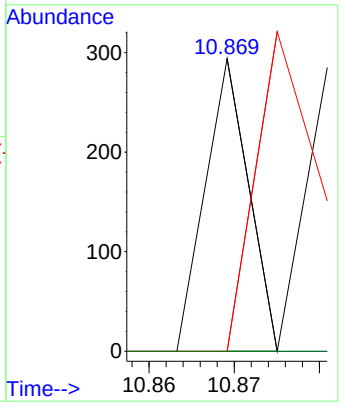


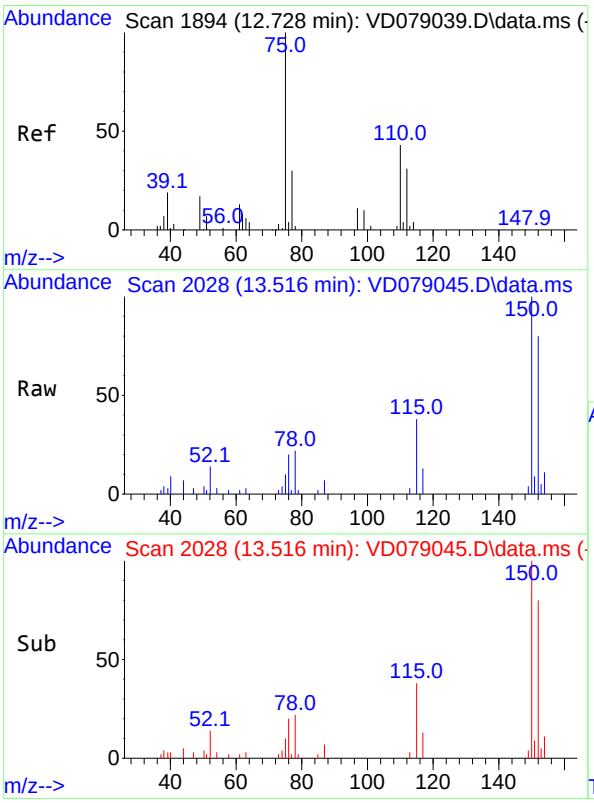
#48
2-Hexanone
Concen: 0.701 ug/L
RT: 10.869 min Scan# 1
Delta R.T. -0.053 min
Lab File: VD079045.D
Acq: 28 May 2024 13:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 104

Ion	Ratio	Lower	Upper
43	100		
58	0.0	53.4	80.2#
57	160.6	17.0	25.4#
100	0.0	14.3	21.5#





#61
1,2,3-Trichloropropane
Concen: 4.417 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD079045.D
Acq: 28 May 2024 13:11

Tgt Ion: 75 Resp: 990

Ion	Ratio	Lower	Upper
75	100		
77	17.9	26.2	39.2#
110	0.0	37.1	55.7#