Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
Data File : VD077777.D
Acq On : 07 Dec 2023 15:45
Operator : JC/SY
Sample : VIBLK
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 08 00:33:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	339235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	318082	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	145639	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	189027	20.433	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.720%			
7) Chloroethane-d5	2.811	69	166126	22.529	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.120%			
11) 1,1-Dichloroethene-d2	3.928	65	49551	20.658	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.640%			
21) 2-Butanone-d5	6.993	46	54248	46.397	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.800%			
24) Chloroform-d	7.575	84	222079	24.290	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.160%			
26) 1,2-Dichloroethane-d4	8.234	65	110976	23.956	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.840%			
32) Benzene-d6	8.204	84	456963	23.854	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	9.216	67	136973	23.434	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.720%			
41) Toluene-d8	10.269	98	416687	23.631	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.520%			
43) trans-1,3-Dichloroprop...	10.528	79	56113	21.709	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.840%			
47) 2-Hexanone-d5	10.881	63	43660	43.347	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.700%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92638	21.932	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.720%			
66) 1,2-Dichlorobenzene-d4	13.816	152	121031	23.230	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.920%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.922	96	1344	0.291	ug/L #	1
16) Methylene chloride	4.805	84	13361	2.218	ug/L	82
22) 2-Butanone	7.063	43	1217	0.722	ug/L #	65
33) Benzene	8.252	78	64516	3.116	ug/L	100
34) Trichloroethene	8.781	95	9276	1.805	ug/L #	5
35) Methylcyclohexane	9.216	83	31822	3.488	ug/L #	20
37) 1,2-Dichloropropane	9.216	63	14689	2.721	ug/L #	90
51) Chlorobenzene	11.610	112	803392	58.919	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	61783	6.572	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	467121	47.885	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	38721	4.577	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.569	75	1475	2.335	ug/L #	1
69) 1,3,5-Trichlorobenzene	15.098	180	358153	55.948	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	359208	66.098	ug/L	97
72) 1,2,3-Trichlorobenzene	15.528	180	142637	29.940	ug/L	94

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

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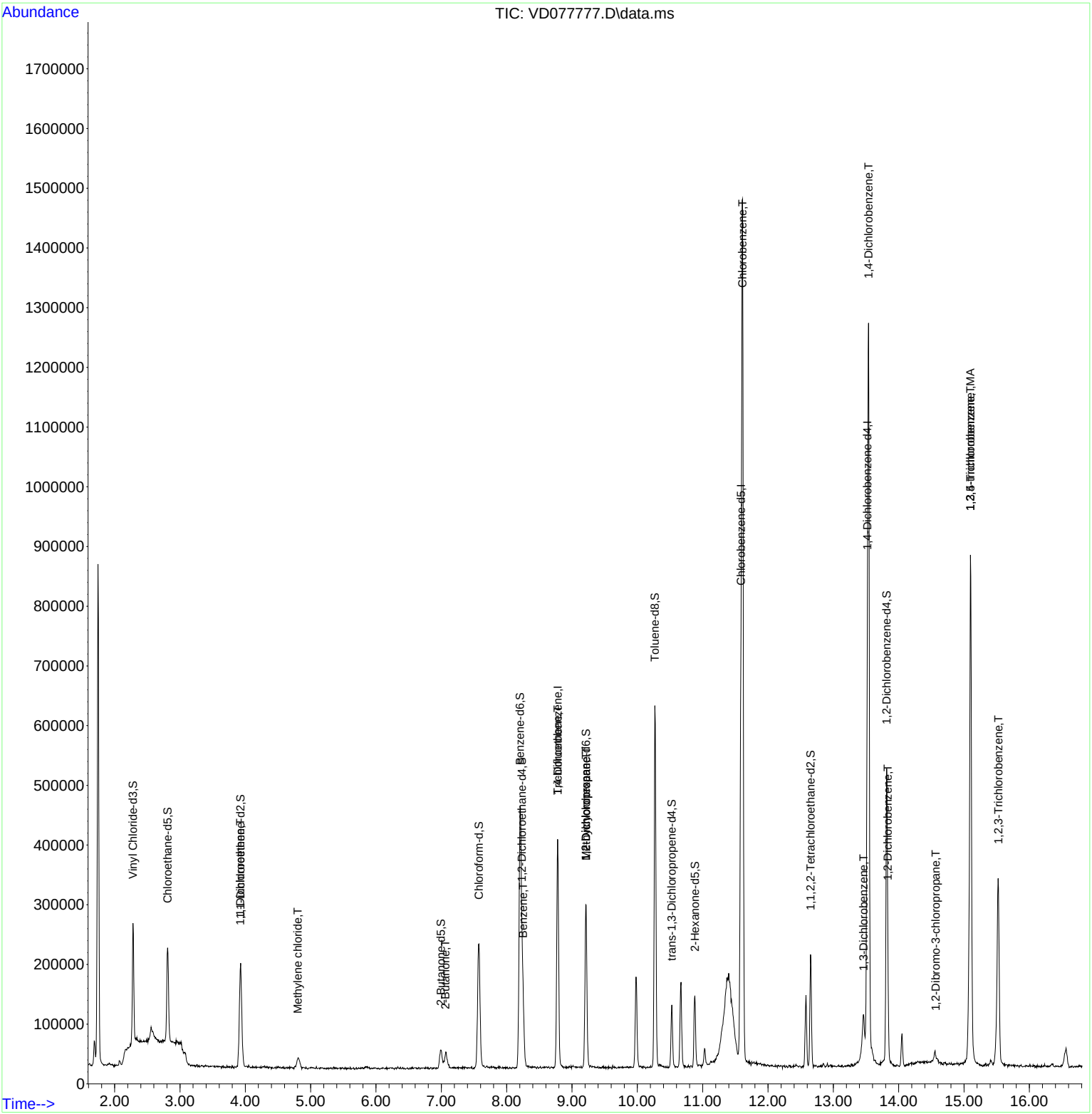
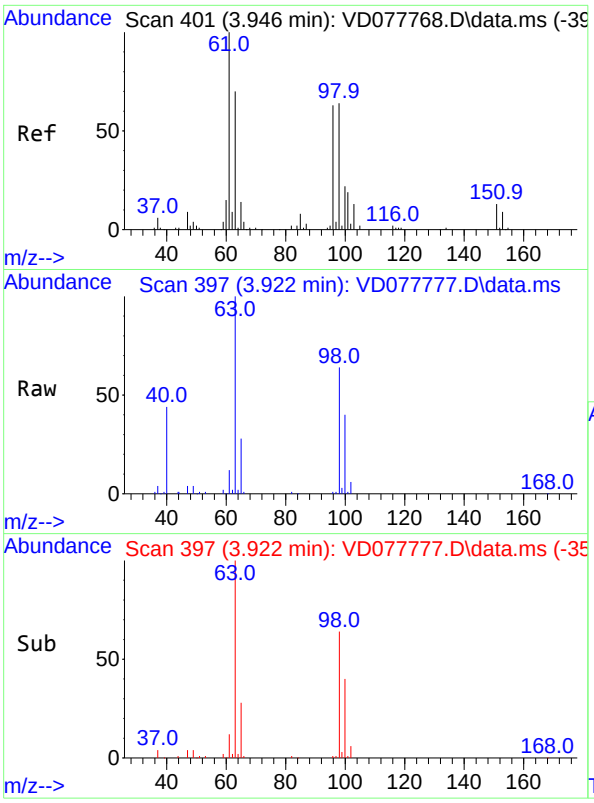
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration



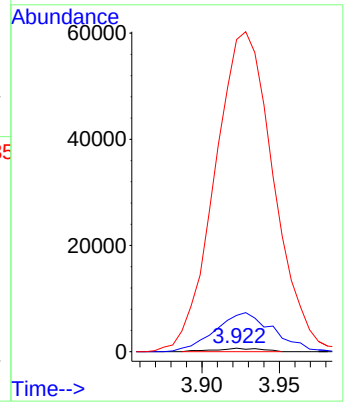


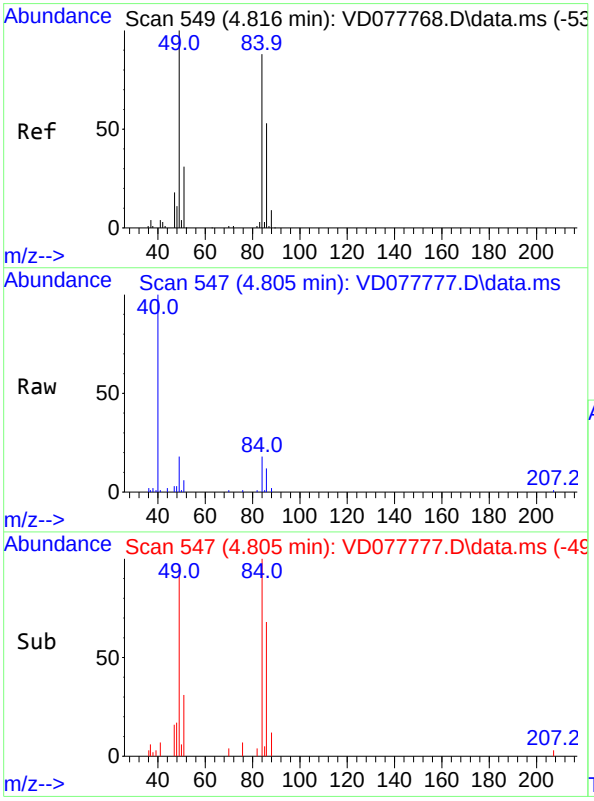
#12
1,1-Dichloroethene
Concen: 0.291 ug/L
RT: 3.922 min Scan# 3
Delta R.T. -0.029 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 1344

Ion	Ratio	Lower	Upper
96	100		
61	1041.6	108.6	201.6#
63	8952.2	60.3	111.9#

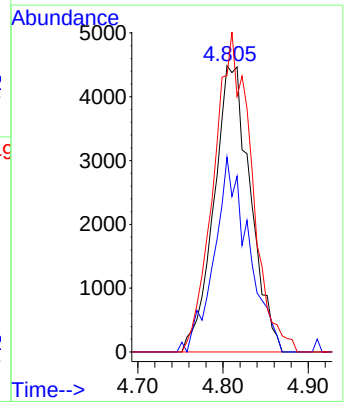


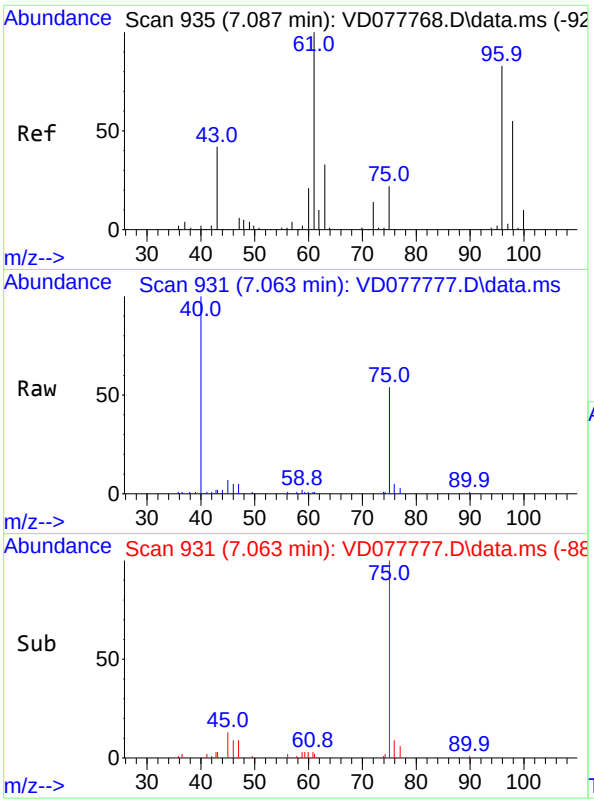


#16
Methylene chloride
Concen: 2.218 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Tgt Ion: 84 Resp: 13361

Ion	Ratio	Lower	Upper
84	100		
86	68.0	40.1	74.5
49	96.6	83.2	154.6



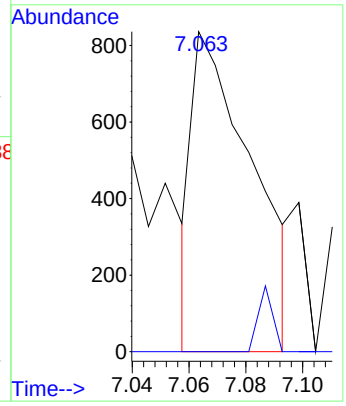


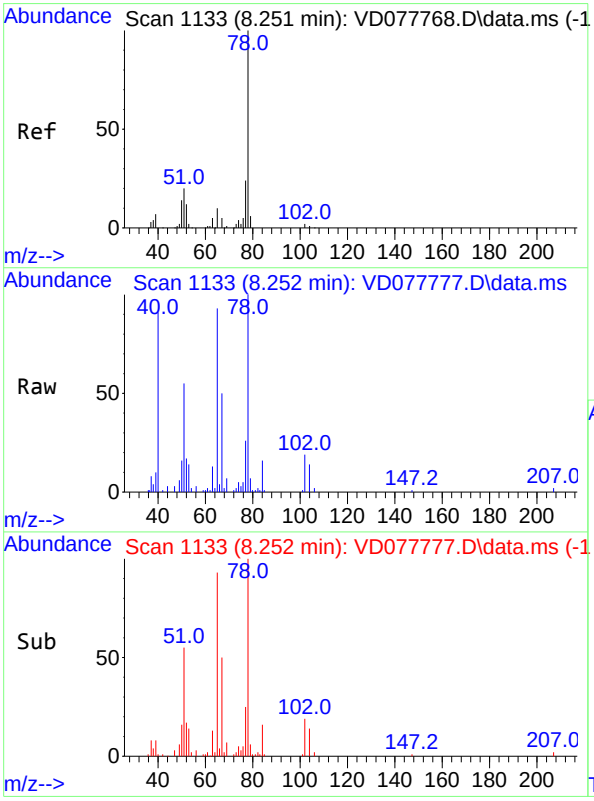
#22
2-Butanone
Concen: 0.722 ug/L
RT: 7.063 min Scan# 9
Delta R.T. -0.018 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1217

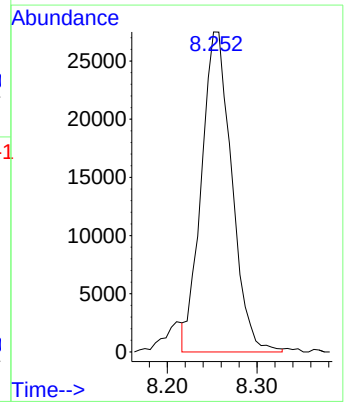
Ion	Ratio	Lower	Upper
43	100		
72	0.0	7.2	21.6#

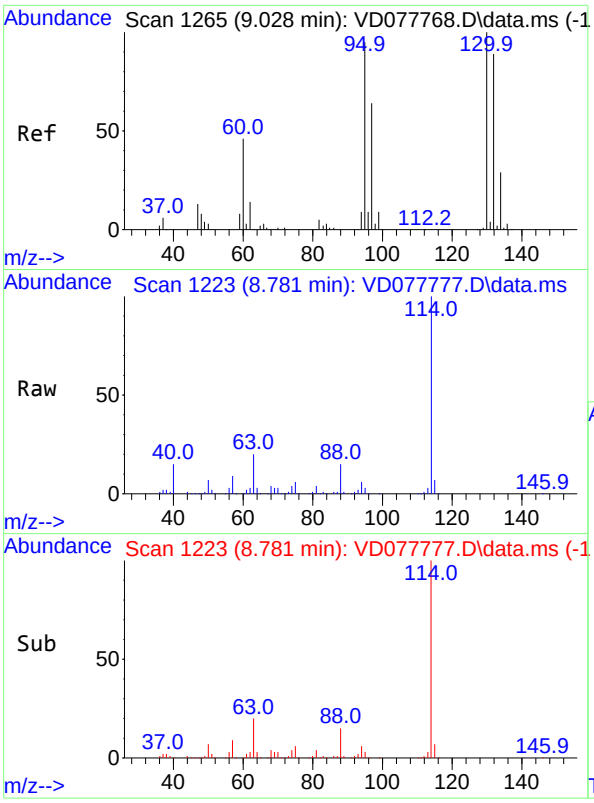




#33
Benzene
Concen: 3.116 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Tgt Ion: 78 Resp: 64516



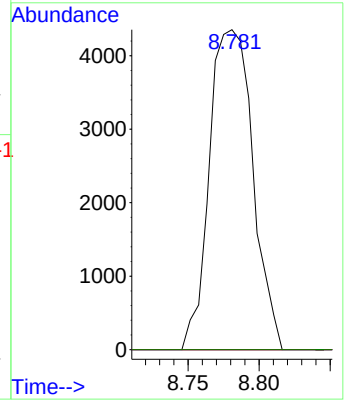


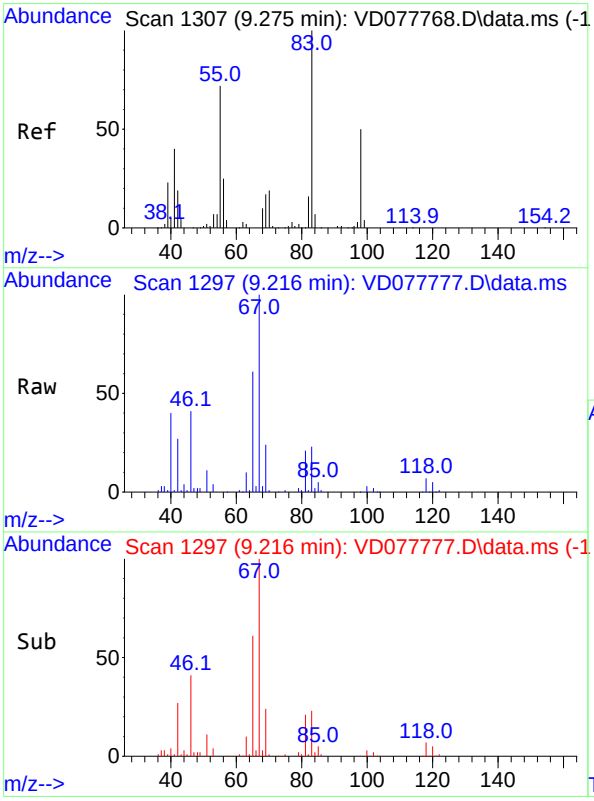
#34
Trichloroethene
Concen: 1.805 ug/L
RT: 8.781 min Scan# 1
Delta R.T. -0.253 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 9276

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#

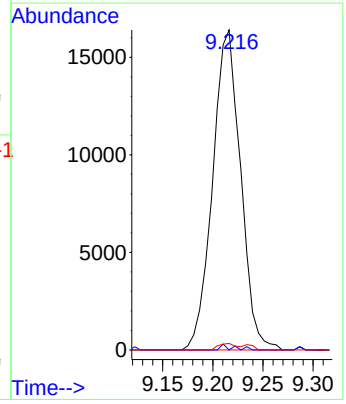


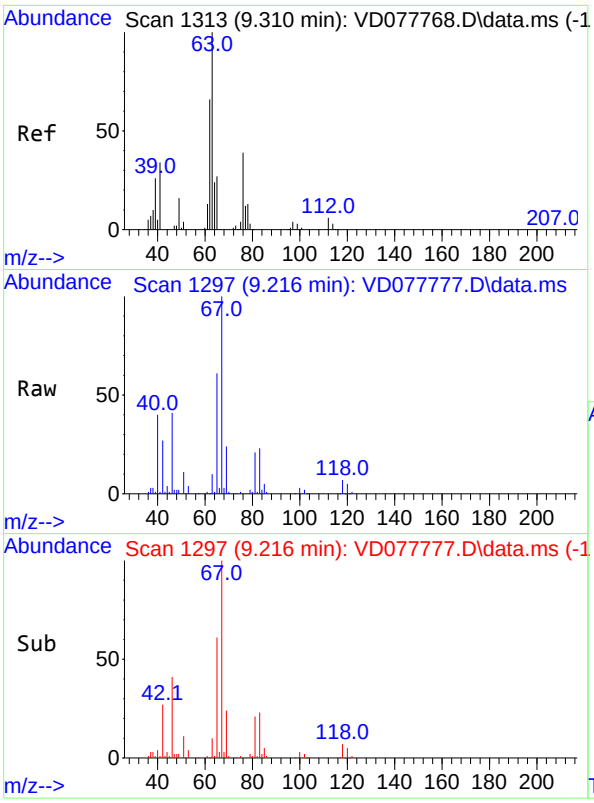


#35
Methylcyclohexane
Concen: 3.488 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.059 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Tgt Ion: 83 Resp: 31822

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.8	89.6#
98	1.3	38.5	57.7#



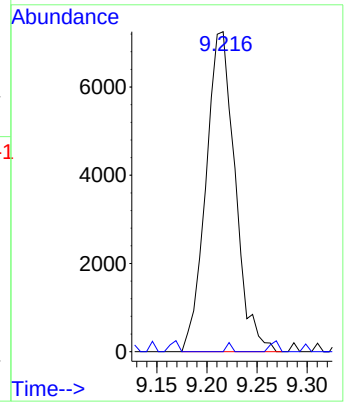


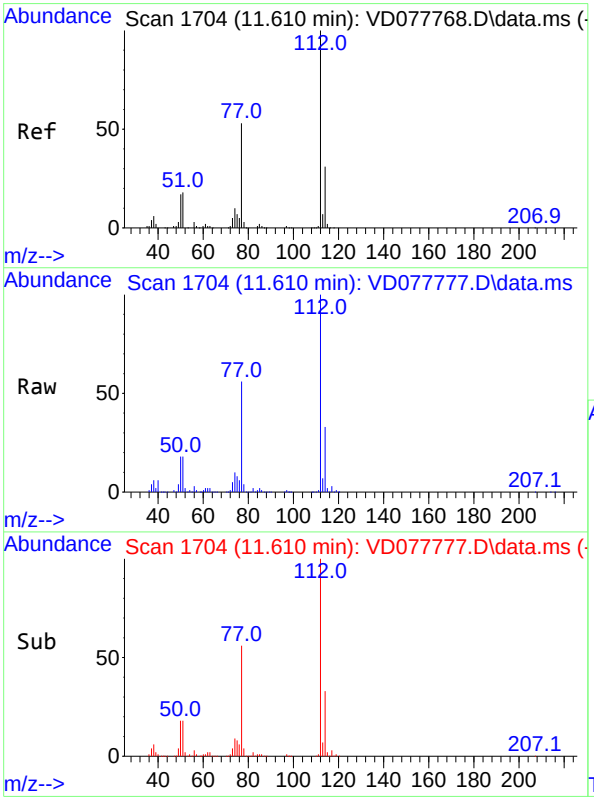
#37
1,2-Dichloropropane
Concen: 2.721 ug/L
RT: 9.216 min Scan# 1
Delta R.T. -0.088 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 14689

Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.5	5.3#

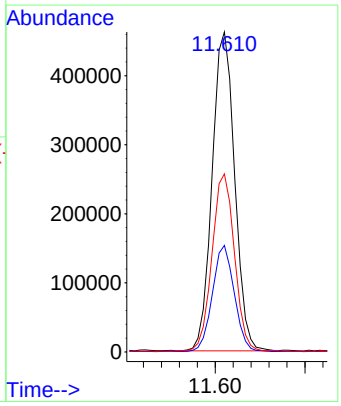


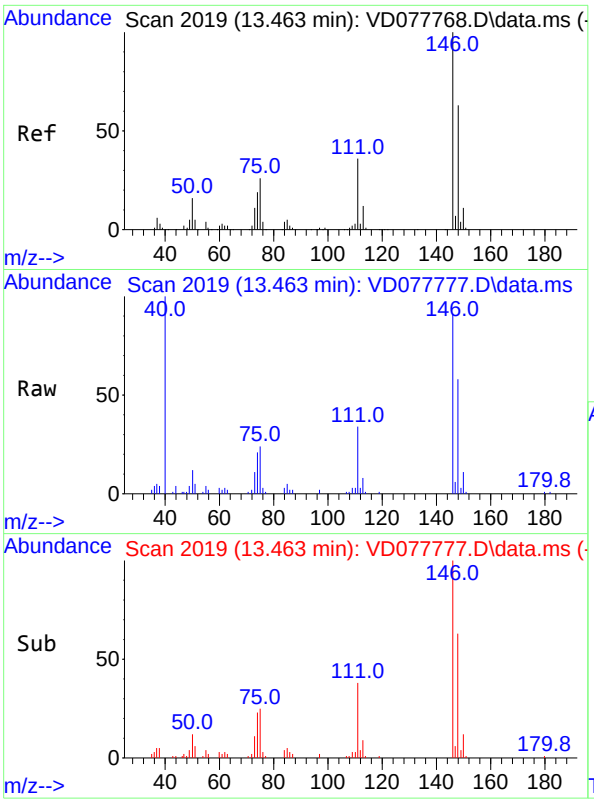


#51
Chlorobenzene
Concen: 58.919 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Tgt Ion:112 Resp: 803392

Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.5	41.9
77	55.6	46.4	69.6



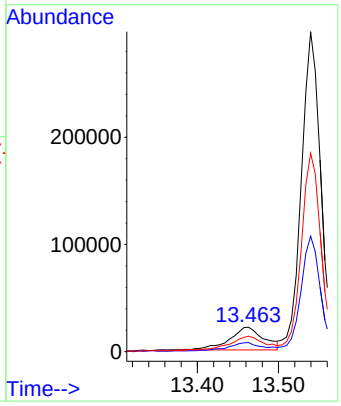


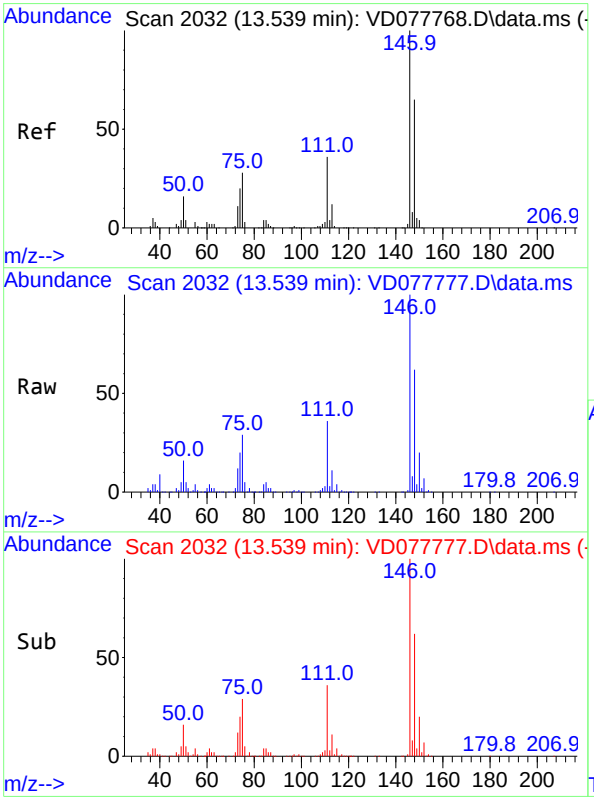
#64
1,3-Dichlorobenzene
Concen: 6.572 ug/L
RT: 13.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 61783

Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.6	49.4
148	63.8	44.0	81.6

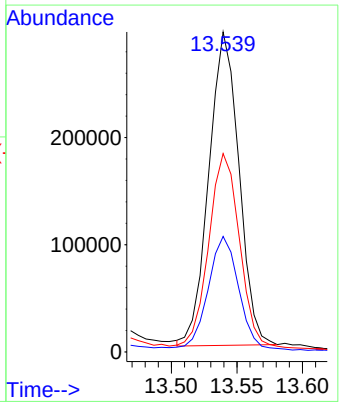


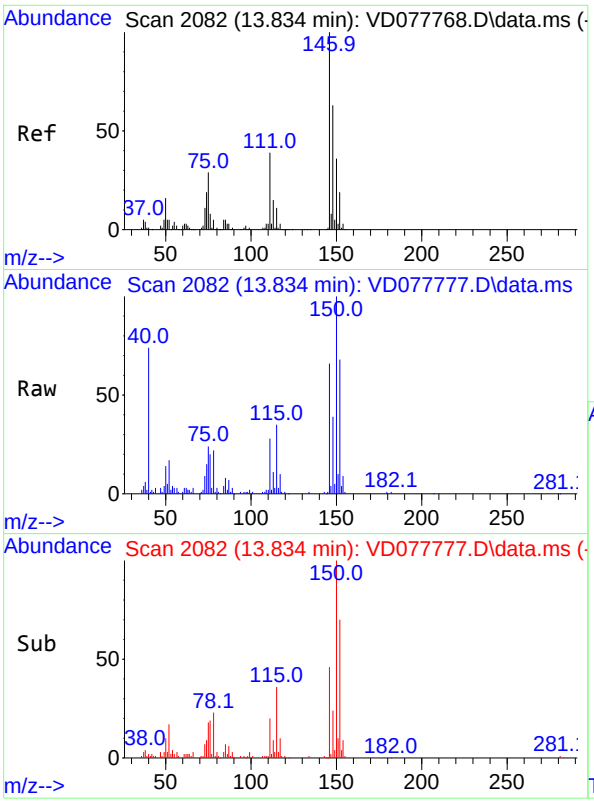


#65
1,4-Dichlorobenzene
Concen: 47.885 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Tgt Ion:146 Resp: 467121

Ion	Ratio	Lower	Upper
146	100		
111	36.1	26.4	49.0
148	62.0	44.0	81.8



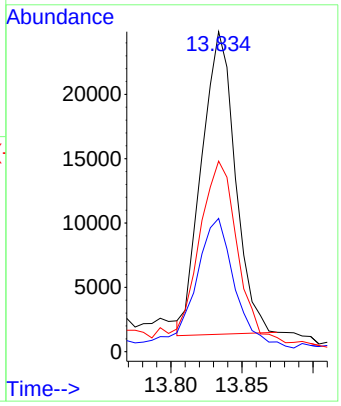


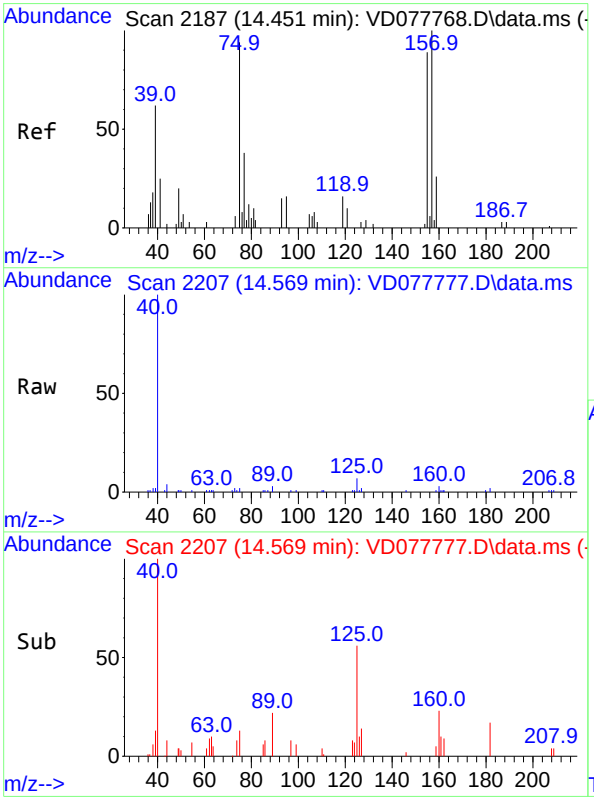
#67
1,2-Dichlorobenzene
Concen: 4.577 ug/L
RT: 13.834 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 38721

Ion	Ratio	Lower	Upper
146	100		
111	41.6	31.4	47.2
148	59.5	50.2	75.2

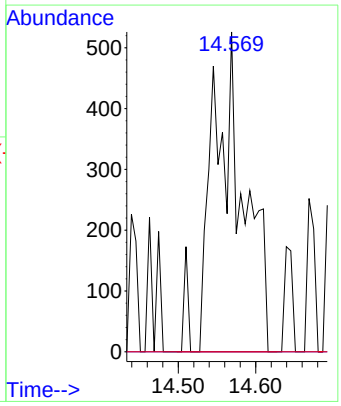


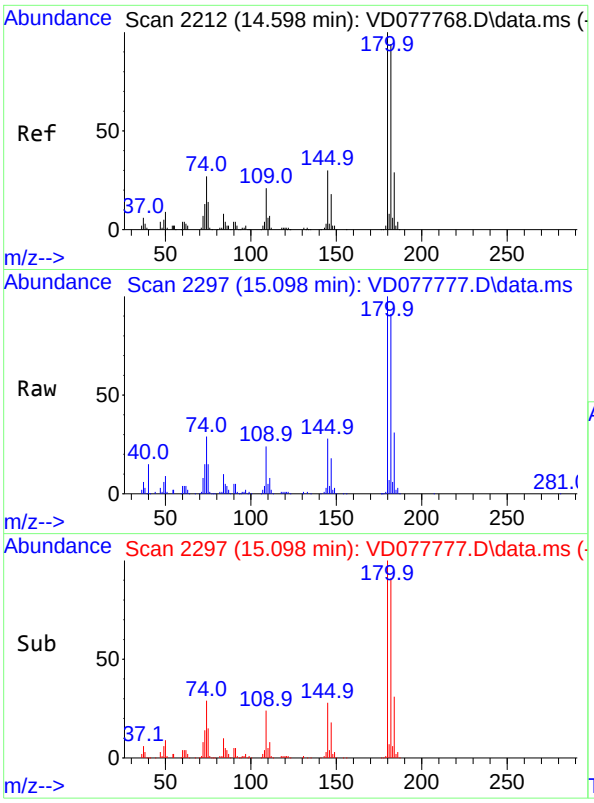


#68
1,2-Dibromo-3-chloropropane
Concen: 2.335 ug/L
RT: 14.569 min Scan# 2207
Delta R.T. 0.118 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Tgt Ion: 75 Resp: 1475

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.2	103.8#
157	0.0	86.6	130.0#



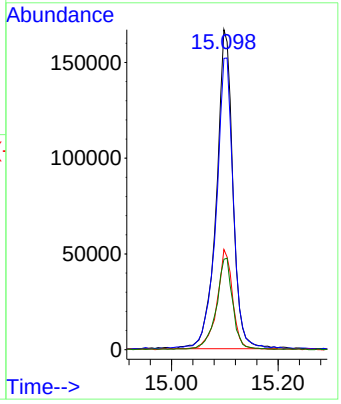


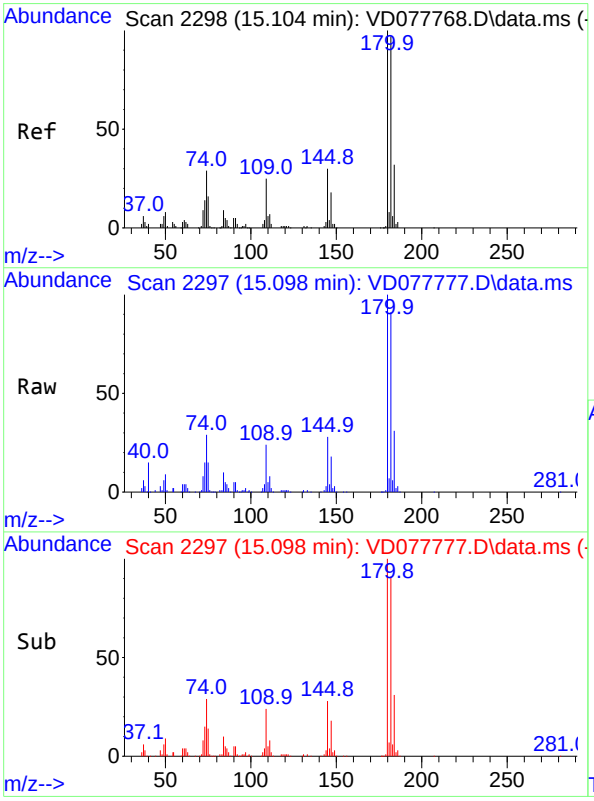
#69
1,3,5-Trichlorobenzene
Concen: 55.948 ug/L
RT: 15.098 min Scan# 2
Delta R.T. 0.500 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 358153

Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.0	115.4
184	29.9	24.3	36.5
145	28.8	23.4	35.0

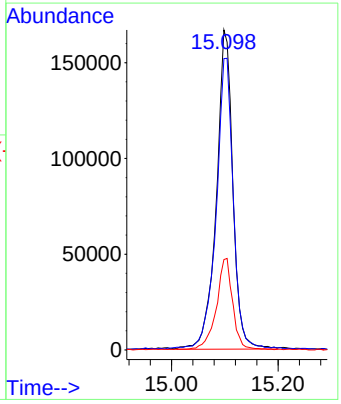


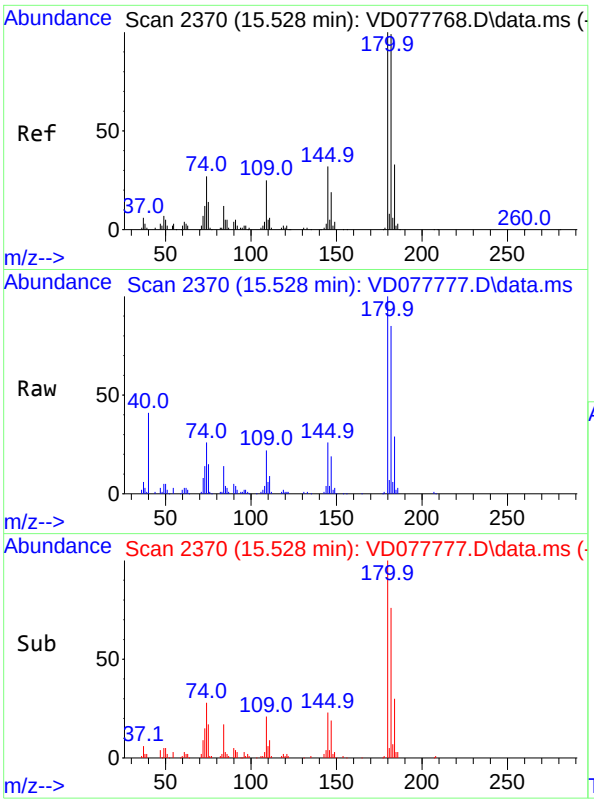


#70
1,2,4-trichlorobenzene
Concen: 66.098 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Tgt Ion:180 Resp: 359208

Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.0	115.6
145	28.5	23.9	35.9





#72
1,2,3-Trichlorobenzene
Concen: 29.940 ug/L
RT: 15.528 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD077777.D
Acq: 07 Dec 2023 15:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 142637

Ion	Ratio	Lower	Upper
180	100		
182	89.3	77.3	115.9
145	30.0	25.2	37.8