Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022224\
Data File : VV034348.D
Acq On : 22 Feb 2024 15:39
Operator : SY/MD
Sample : P1566-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 23 01:18:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 23 01:14:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.571	114	70609	5.000	ug/L	0.04
28) Chlorobenzene-d5	8.796	117	63371	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.188	152	30501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	16416	3.002	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.000%			
7) Chloroethane-d5	1.536	69	17159	3.582	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.600%			
11) 1,1-Dichloroethene-d2	2.069	65	8900	3.375	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.400%			
20) 2-Butanone-d5	3.892	46	62976	68.570	ug/L	0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 137.140%#			
24) Chloroform-d	4.253	84	52896	5.323	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.400%			
26) 1,2-Dichloroethane-d4	4.963	65	24551	5.287	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.800%			
32) Benzene-d6	4.966	84	86594	4.555	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	6.031	67	26520	4.990	ug/L	0.04
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.800%			
41) Toluene-d8	7.265	98	75833	4.340	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.800%			
43) trans-1,3-Dichloroprop...	7.580	79	6391	3.185	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 63.600%			
46) 2-Hexanone-d5	8.047	63	42660	59.548	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.100%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	17393	5.398	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.000%			
66) 1,2-Dichlorobenzene-d4	11.564	152	28645	5.164	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
3) Chloromethane	1.214	50	2126	0.301	ug/L	92
8) Chloroethane	1.558	64	27432	5.962	ug/L #	53
15) Methyl Acetate	2.378	43	386	0.234	ug/L #	53
16) Methylene chloride	2.458	84	1098	0.232	ug/L	81
25) Chloroform	4.278	83	13087	1.402	ug/L	91
35) Methylcyclohexane	6.031	83	6677	0.773	ug/L #	17
37) 1,2-Dichloropropane	6.034	63	3229	0.701	ug/L #	87
42) Toluene	7.339	91	31765	1.564	ug/L	96
45) 1,1,2-Trichloroethane	7.915	97	434	0.153	ug/L #	29
47) Tetrachloroethene	7.918	164	54463	12.185	ug/L	96
48) 2-Hexanone	8.047	43	5707	3.672	ug/L #	60
49) Dibromochloromethane	7.918	129	49697	14.710	ug/L #	11
53) m,p-Xylene	9.098	106	824	0.093	ug/L	62
61) 1,2,3-Trichloropropane	11.188	75	3735	1.781	ug/L #	60

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

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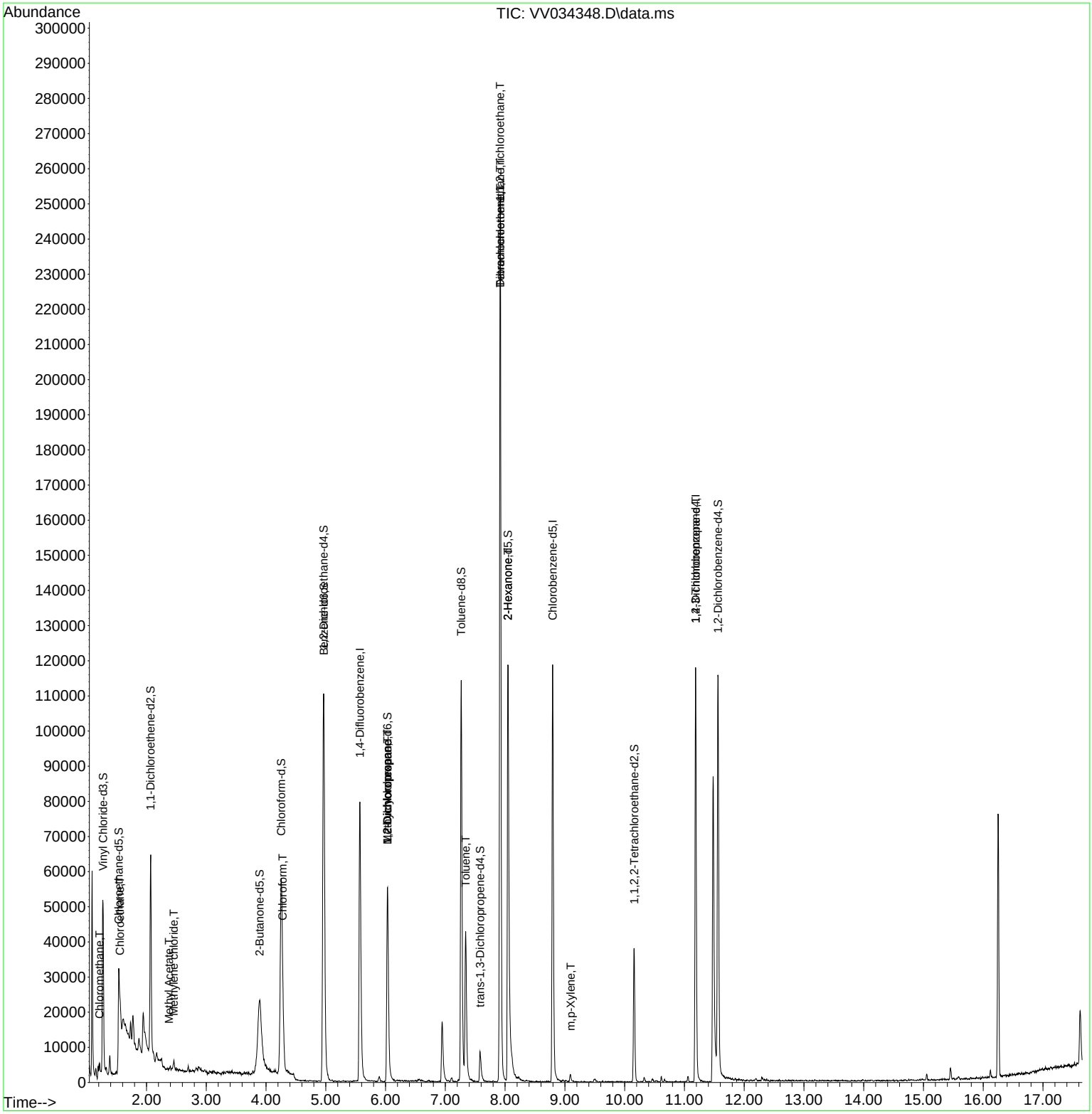
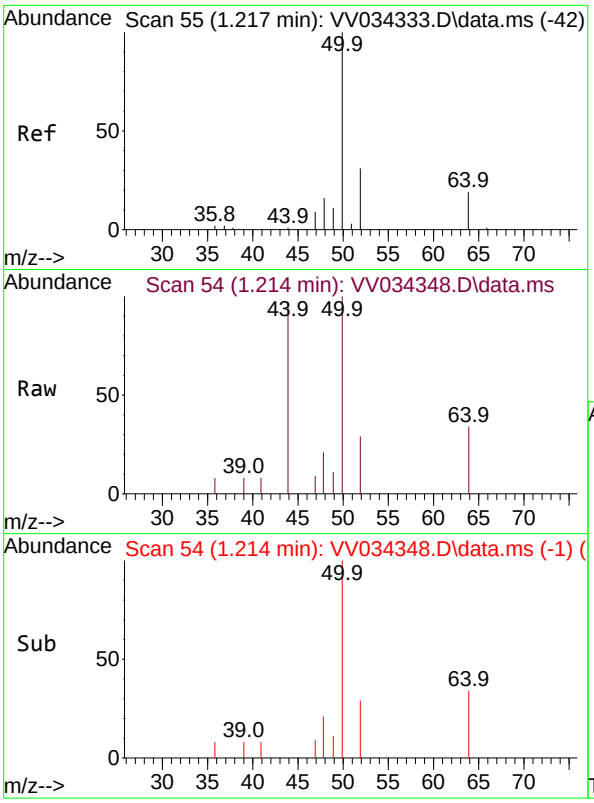
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 23 01:14:23 2024
Response via : Initial Calibration



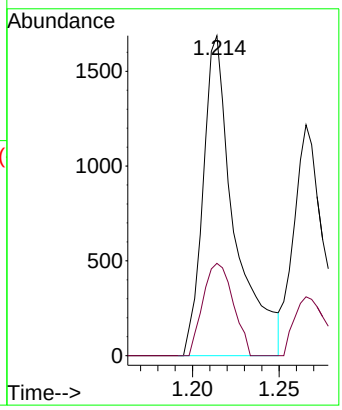


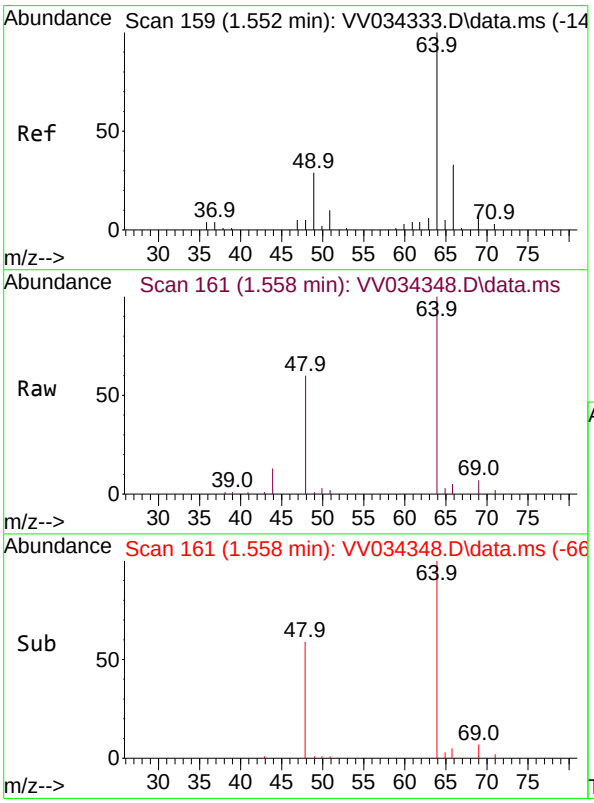
#3
Chloromethane
Concen: 0.301 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 2126

Ion	Ratio	Lower	Upper
50	100		
52	28.9	23.4	43.4

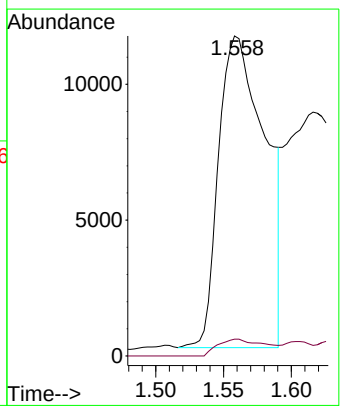


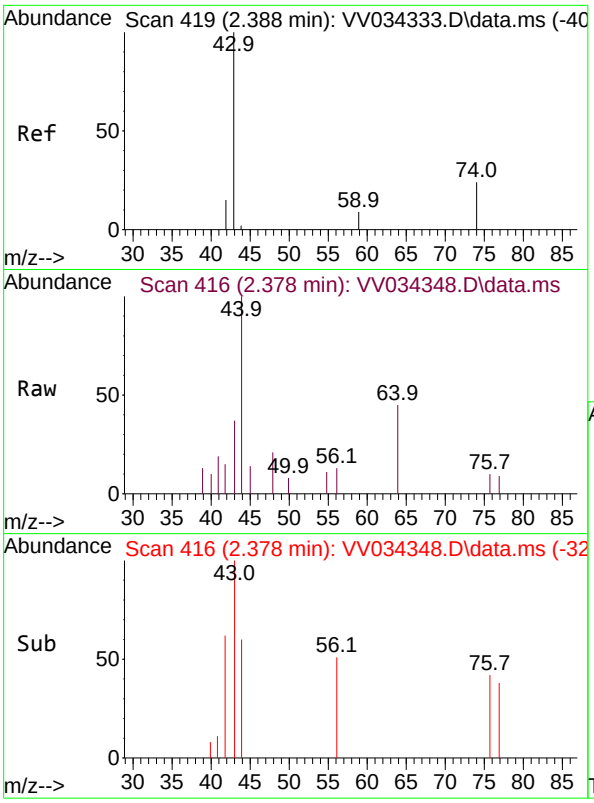


#8
Chloroethane
Concen: 5.962 ug/L
RT: 1.558 min Scan# 161
Delta R.T. 0.007 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Tgt Ion: 64 Resp: 27432

Ion	Ratio	Lower	Upper
64	100		
66	5.3	22.0	41.0#



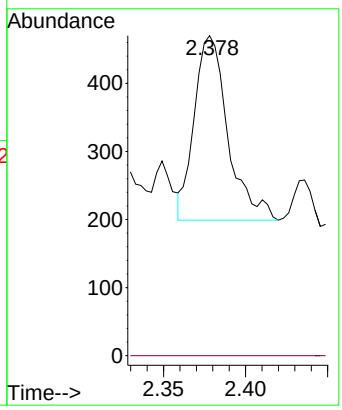


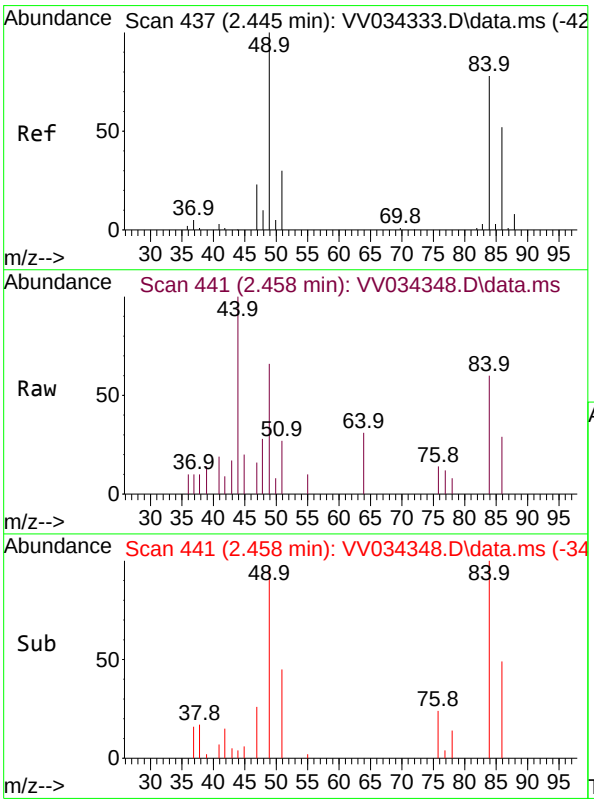
#15
Methyl Acetate
Concen: 0.234 ug/L
RT: 2.378 min Scan# 4
Delta R.T. -0.010 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 386

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.2	27.4#

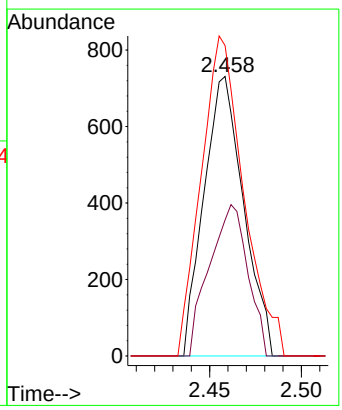


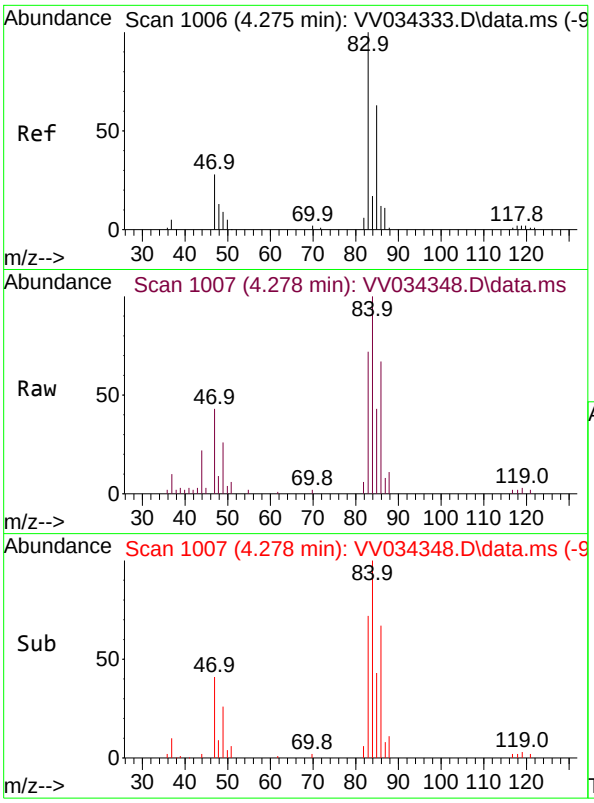


#16
Methylene chloride
Concen: 0.232 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.013 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Tgt Ion: 84 Resp: 1098

Ion	Ratio	Lower	Upper
84	100		
86	48.7	44.7	83.1
49	111.1	93.7	173.9



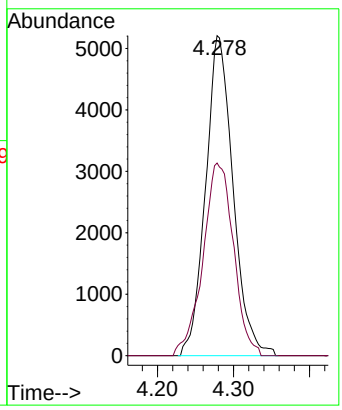


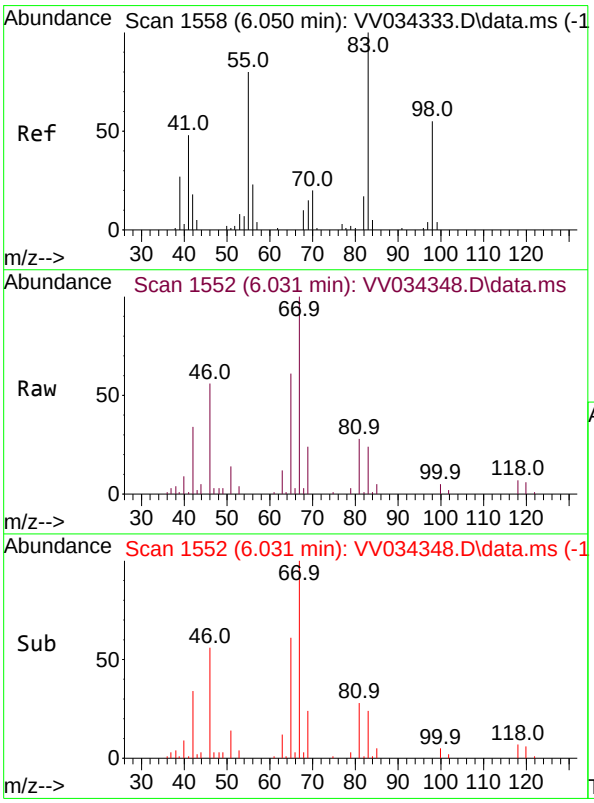
#25
Chloroform
Concen: 1.402 ug/L
RT: 4.278 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 13087

Ion	Ratio	Lower	Upper
83	100		
85	60.2	47.5	88.1

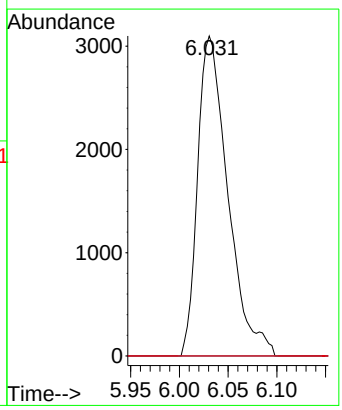


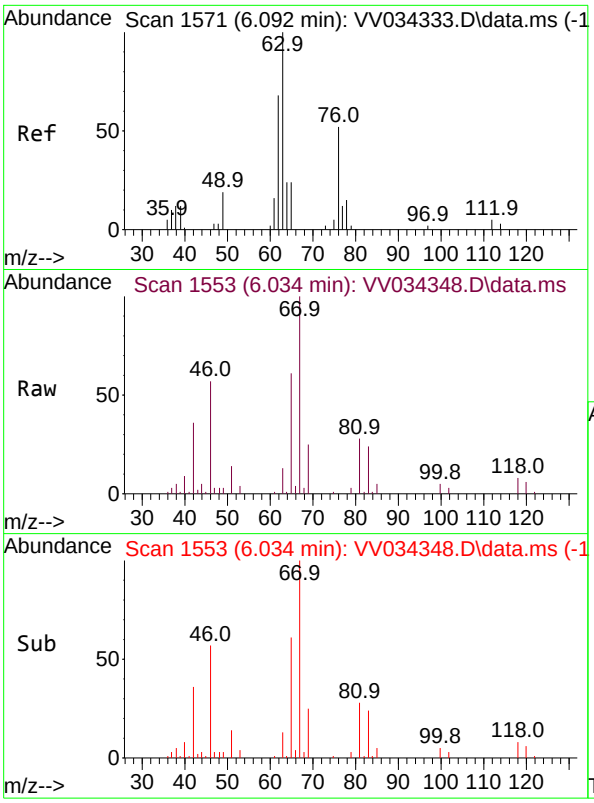


#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.031 min Scan# 1552
Delta R.T. -0.019 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Tgt Ion: 83 Resp: 6677

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	0.0	39.0	58.4#



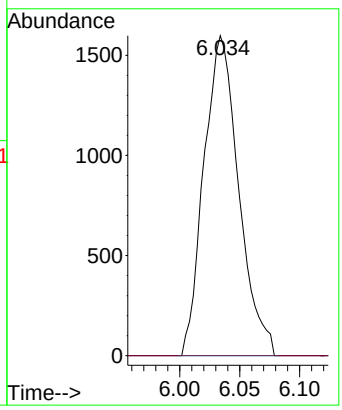


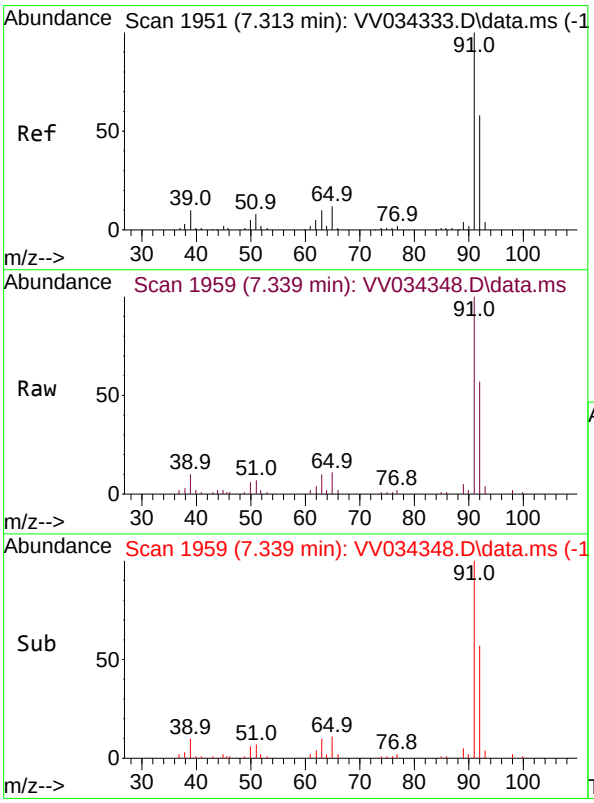
#37
1,2-Dichloropropane
Concen: 0.701 ug/L
RT: 6.034 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3229

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

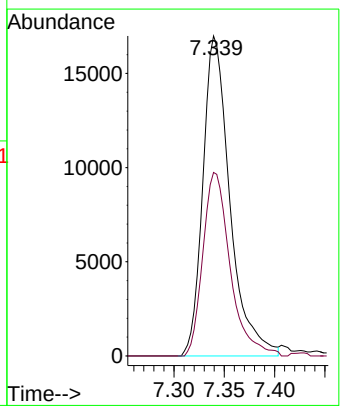


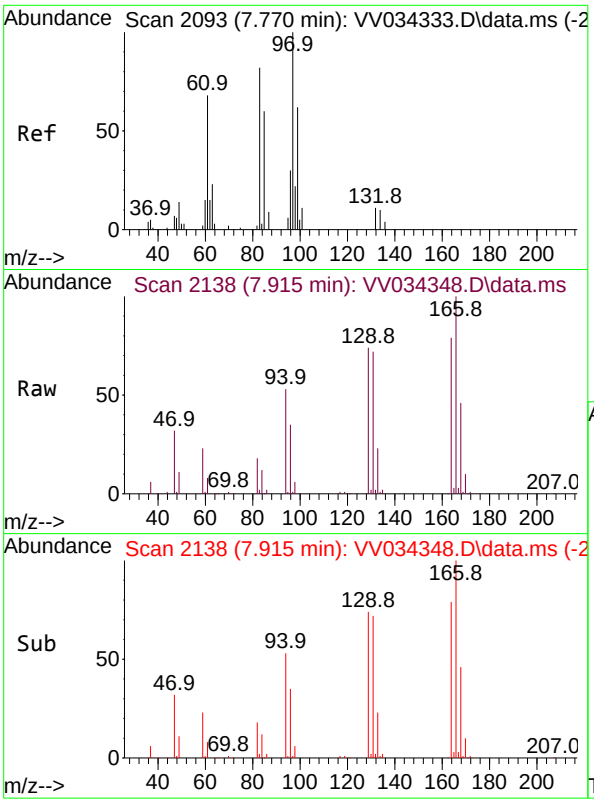


#42
Toluene
Concen: 1.564 ug/L
RT: 7.339 min Scan# 1959
Delta R.T. 0.026 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Tgt Ion: 91 Resp: 31765

Ion	Ratio	Lower	Upper
91	100		
92	57.4	42.1	78.3



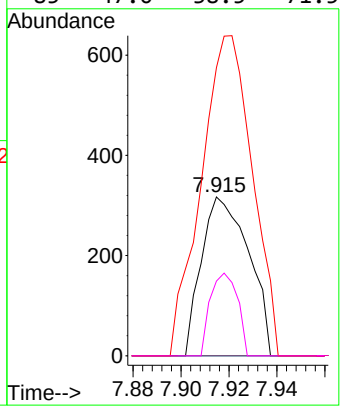


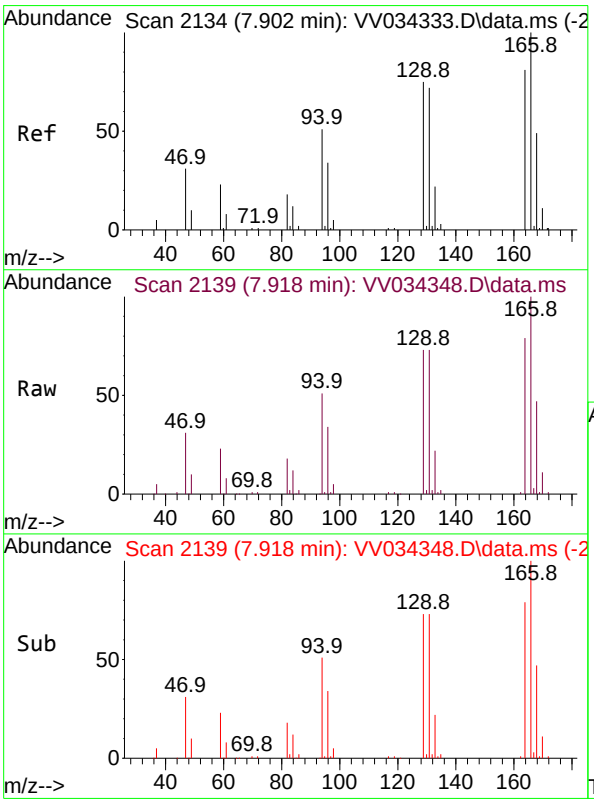
#45
1,1,2-Trichloroethane
Concen: 0.153 ug/L
RT: 7.915 min Scan# 21
Delta R.T. 0.145 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 434

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.6	84.6#
83	181.4	62.3	115.7#
85	47.0	38.5	71.5

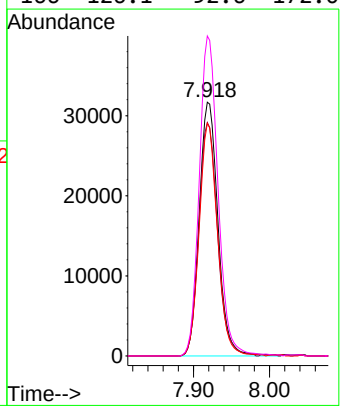


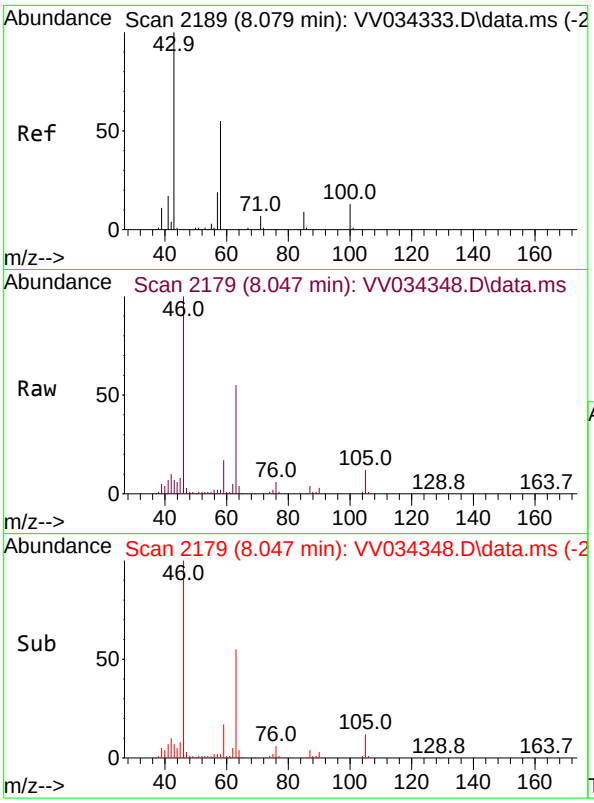


#47
Tetrachloroethene
Concen: 12.185 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. 0.016 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Tgt Ion:164 Resp: 54463

Ion	Ratio	Lower	Upper
164	100		
129	92.0	67.8	125.8
131	91.7	63.0	117.0
166	126.1	92.6	172.0



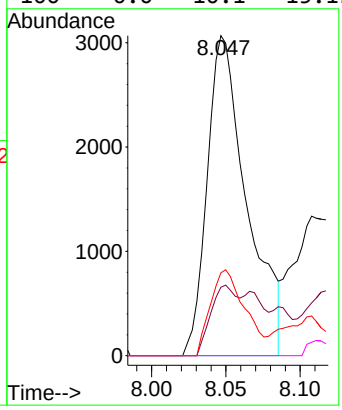


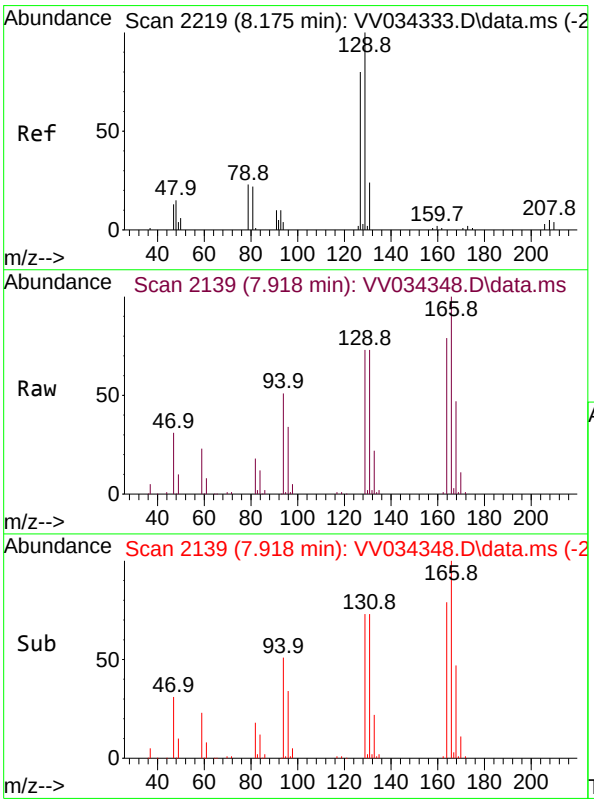
#48
2-Hexanone
Concen: 3.672 ug/L
RT: 8.047 min Scan# 2
Delta R.T. -0.032 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5707

Ion	Ratio	Lower	Upper
43	100		
58	15.1	42.6	64.0#
57	23.2	15.5	23.3
100	0.0	10.1	15.1#

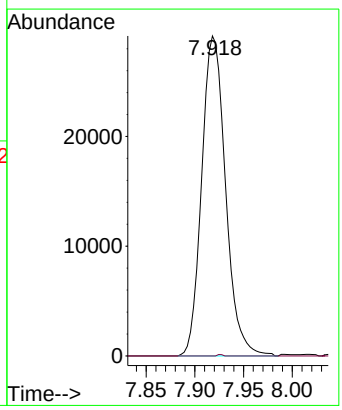


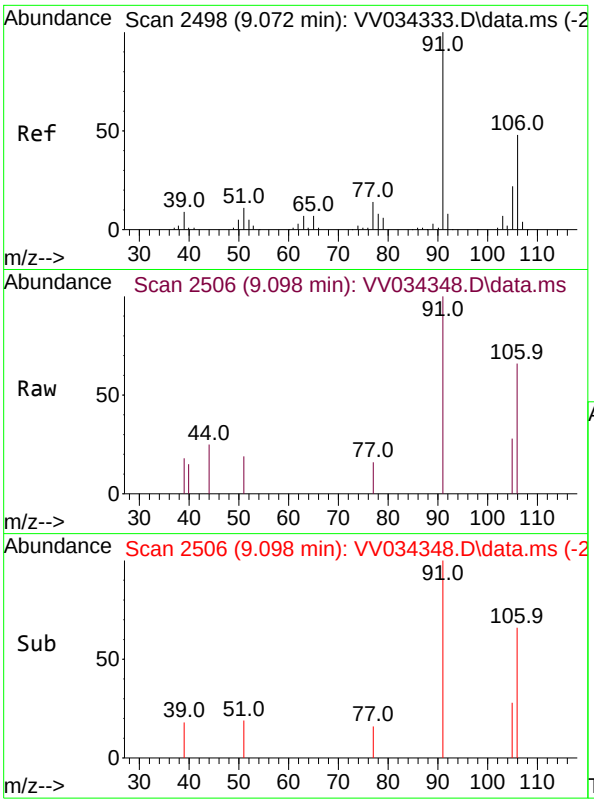


#49
Dibromochloromethane
Concen: 14.710 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. -0.257 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Tgt Ion:129 Resp: 49697

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#



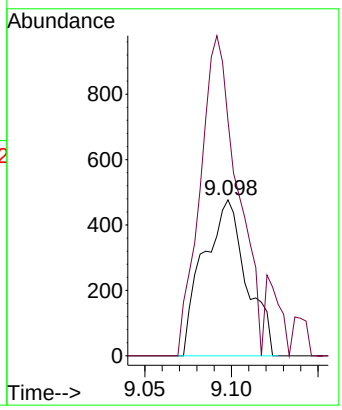


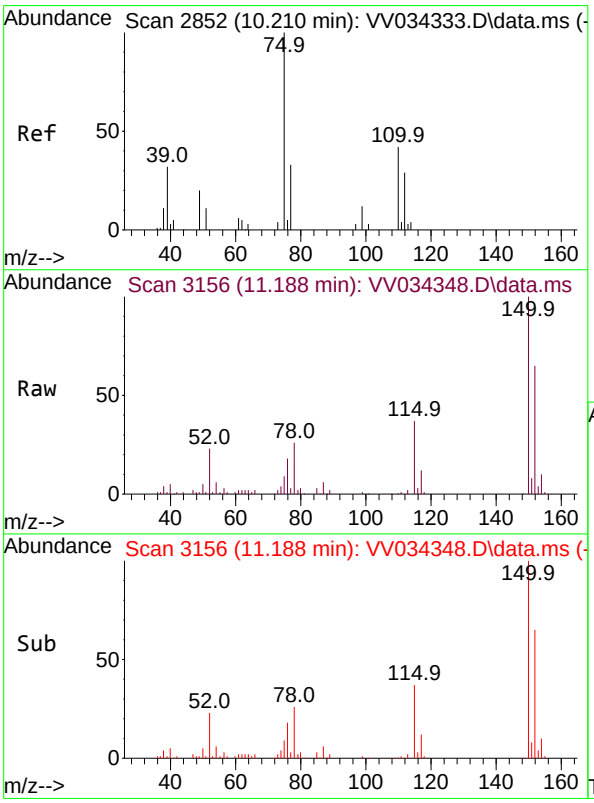
#53
m,p-Xylene
Concen: 0.093 ug/L
RT: 9.098 min Scan# 2
Delta R.T. 0.026 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 824

Ion	Ratio	Lower	Upper
106	100		
91	150.9	147.5	273.9





#61
1,2,3-Trichloropropane
Concen: 1.781 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.978 min
Lab File: VV034348.D
Acq: 22 Feb 2024 15:39

Tgt Ion: 75 Resp: 3735

Ion	Ratio	Lower	Upper
75	100		
77	38.8	26.9	40.3
110	1.3	33.3	49.9#