Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021924\
Data File : VV034240.D
Acq On : 19 Feb 2024 13:51
Operator : SY/MD
Sample : P1503-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 20 03:28:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 20 01:47:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	32889	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	31242	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	15742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	10345	4.061	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.200%			
7) Chloroethane-d5	1.529	69	8969	4.020	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.400%			
11) 1,1-Dichloroethene-d2	2.060	65	5336	4.344	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.800%			
20) 2-Butanone-d5	3.793	46	34273	80.116	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 160.240%#			
24) Chloroform-d	4.256	84	20040	4.330	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.600%			
26) 1,2-Dichloroethane-d4	4.947	65	13750	6.357	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 127.200%			
32) Benzene-d6	4.963	84	37162	3.965	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.200%			
36) 1,2-Dichloropropane-d6	5.992	67	10671	4.073	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.400%			
41) Toluene-d8	7.246	98	34916	4.053	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.000%			
43) trans-1,3-Dichloroprop...	7.564	79	5173	5.229	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.600%			
46) 2-Hexanone-d5	8.027	63	24464	69.267	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 138.540%#			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	10113	6.367	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 127.400%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	13958	4.875	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.600%			
Target Compounds						Qvalue
6) Bromomethane	1.484	94	382	0.231	ug/L	82
14) Carbon disulfide	2.249	76	1390	0.187	ug/L #	93
16) Methylene chloride	2.449	84	845	0.383	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	20009	4.239	ug/L	97
18) trans-1,2-Dichloroethene	2.700	96	1430	0.611	ug/L	88
22) cis-1,2-Dichloroethene	3.818	96	11494	4.329	ug/L	93
35) Methylcyclohexane	5.992	83	2720	0.639	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	1417	0.624	ug/L #	87
48) 2-Hexanone	8.095	43	3051	3.982	ug/L #	88
49) Dibromochloromethane	7.915	129	246	0.148	ug/L #	11
53) m,p-Xylene	9.085	106	916	0.210	ug/L	100
54) o-Xylene	9.490	106	425	0.101	ug/L	67
61) 1,2,3-Trichloropropane	11.185	75	1885	1.742	ug/L #	62
67) 1,2-Dichlorobenzene	11.587	146	951	0.218	ug/L	91
70) 1,2,4-trichlorobenzene	13.204	180	1349	0.440	ug/L	89

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

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Instrument :
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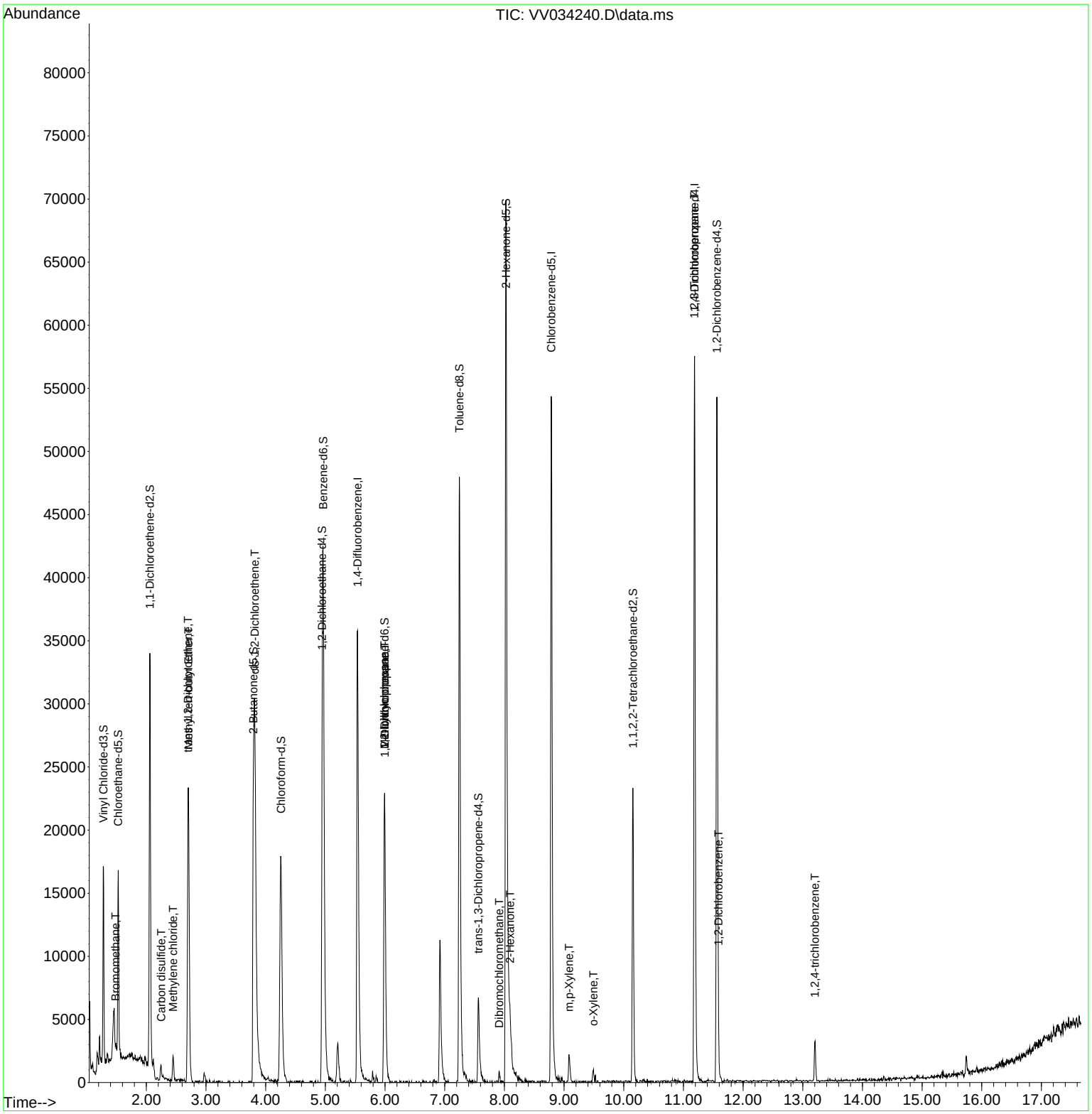
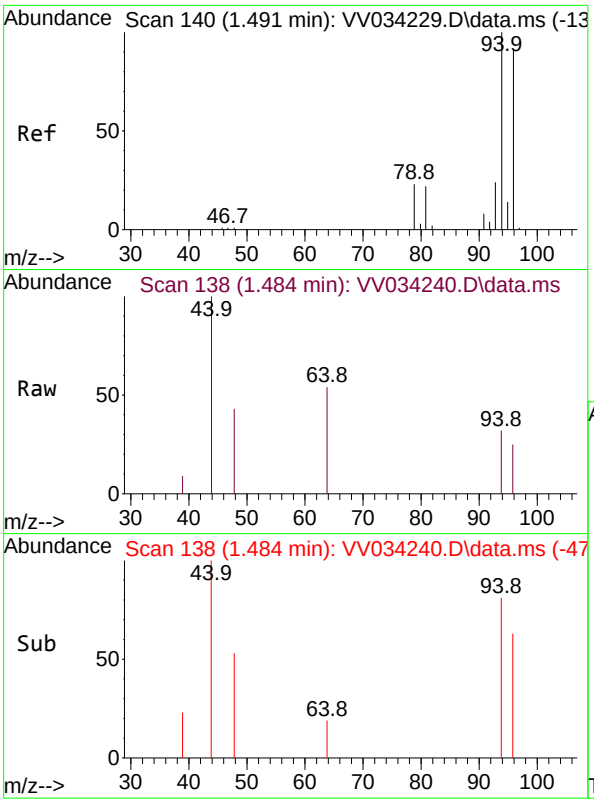
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 20 01:47:35 2024
Response via : Initial Calibration



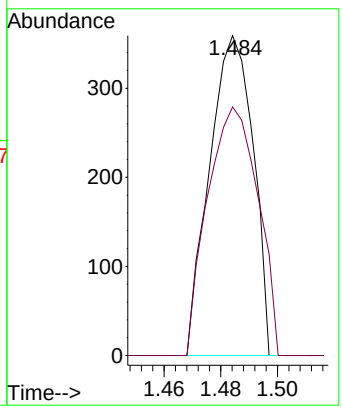


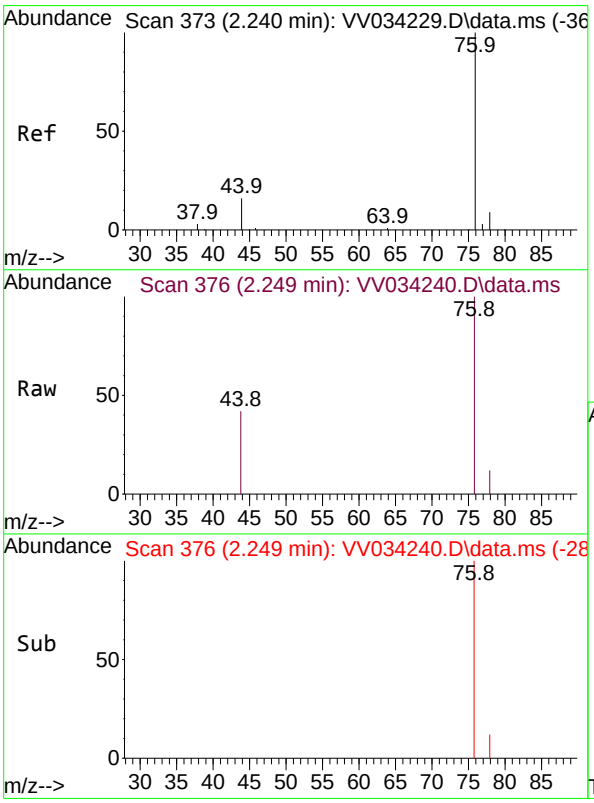
#6
Bromomethane
Concen: 0.231 ug/L
RT: 1.484 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 382

Ion	Ratio	Lower	Upper
94	100		
96	77.7	66.6	123.8

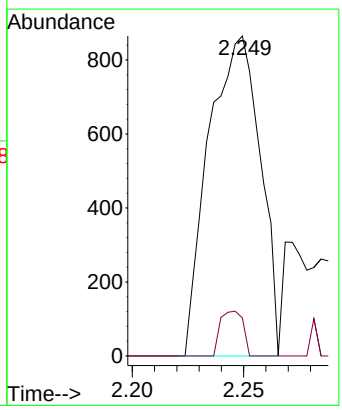


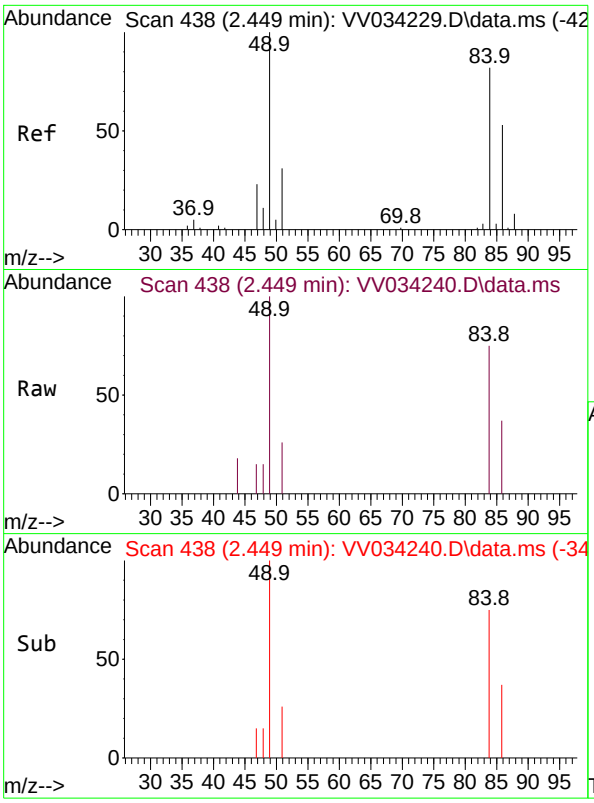


#14
Carbon disulfide
Concen: 0.187 ug/L
RT: 2.249 min Scan# 376
Delta R.T. 0.010 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Tgt Ion: 76 Resp: 1390

Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.5	11.3#



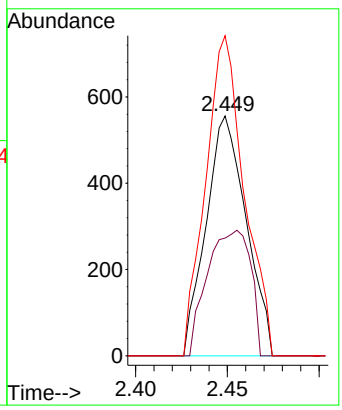


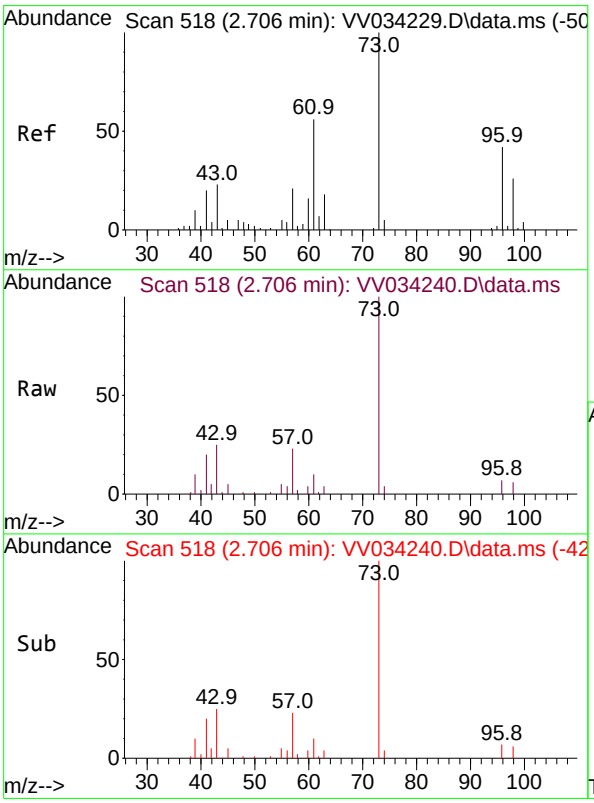
#16
Methylene chloride
Concen: 0.383 ug/L
RT: 2.449 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 845

Ion	Ratio	Lower	Upper
84	100		
86	49.1	44.7	83.1
49	133.5	93.7	173.9

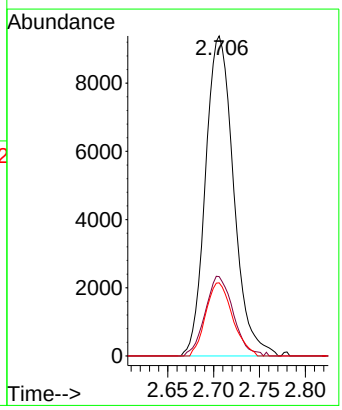


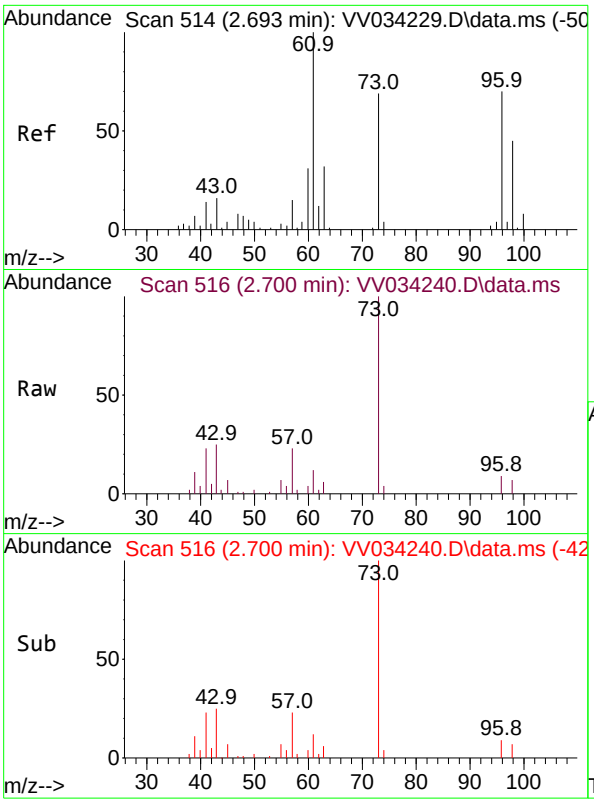


#17
Methyl tert-butyl Ether
Concen: 4.239 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Tgt Ion: 73 Resp: 20009

Ion	Ratio	Lower	Upper
73	100		
43	24.7	17.7	26.5
57	21.8	17.9	26.9



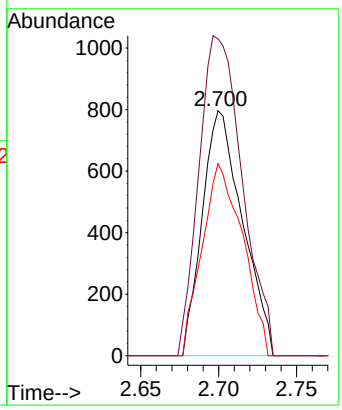


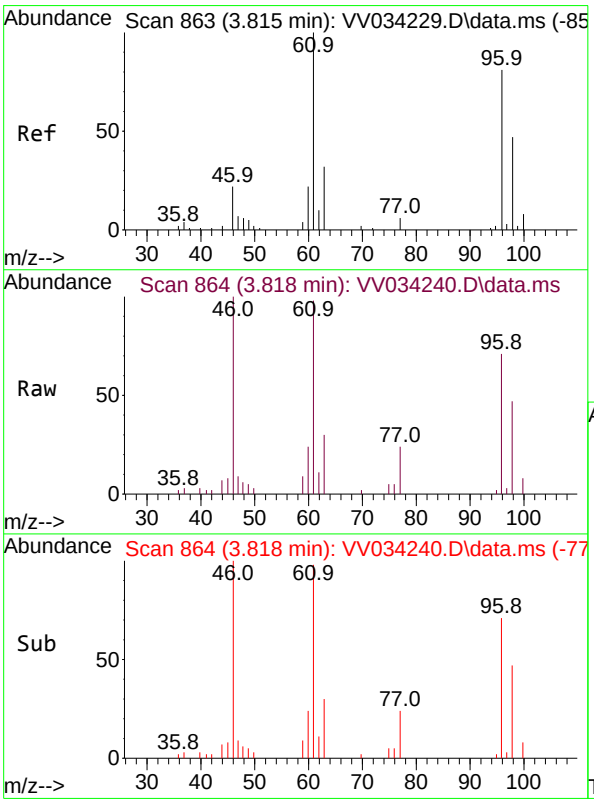
#18
trans-1,2-Dichloroethene
Concen: 0.611 ug/L
RT: 2.700 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1430

Ion	Ratio	Lower	Upper
96	100		
61	129.4	97.6	181.4
98	78.4	44.4	82.5

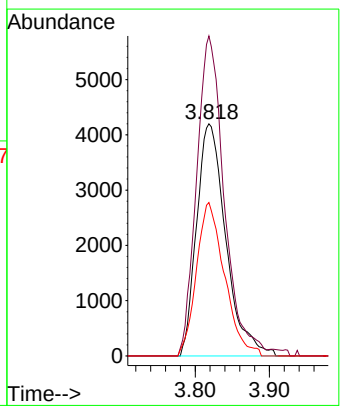


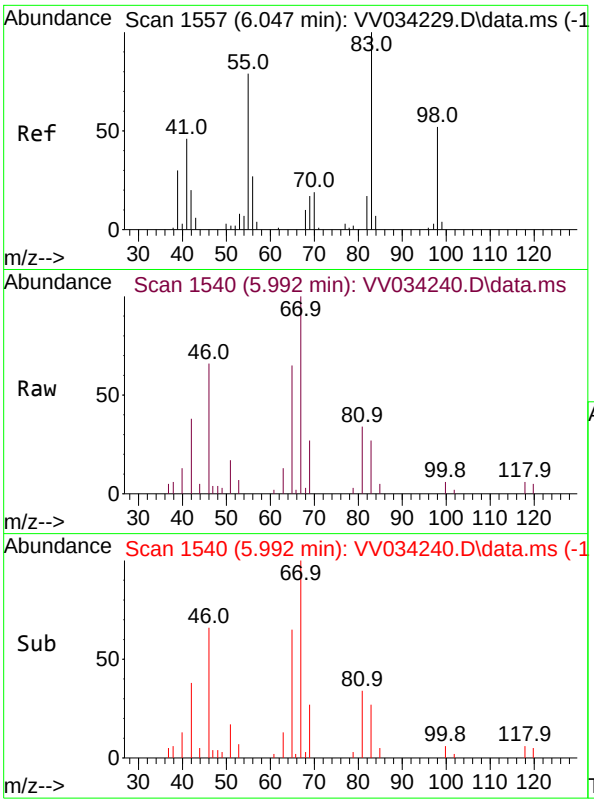


#22
cis-1,2-Dichloroethene
Concen: 4.329 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Tgt Ion: 96 Resp: 11494

Ion	Ratio	Lower	Upper
96	100		
61	137.8	90.3	167.7
98	66.1	43.2	80.2



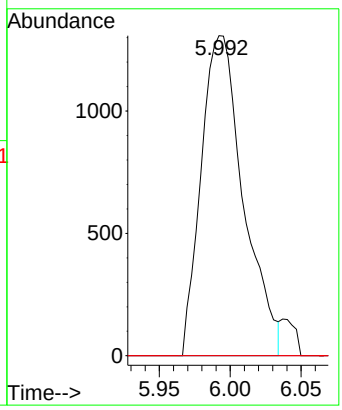


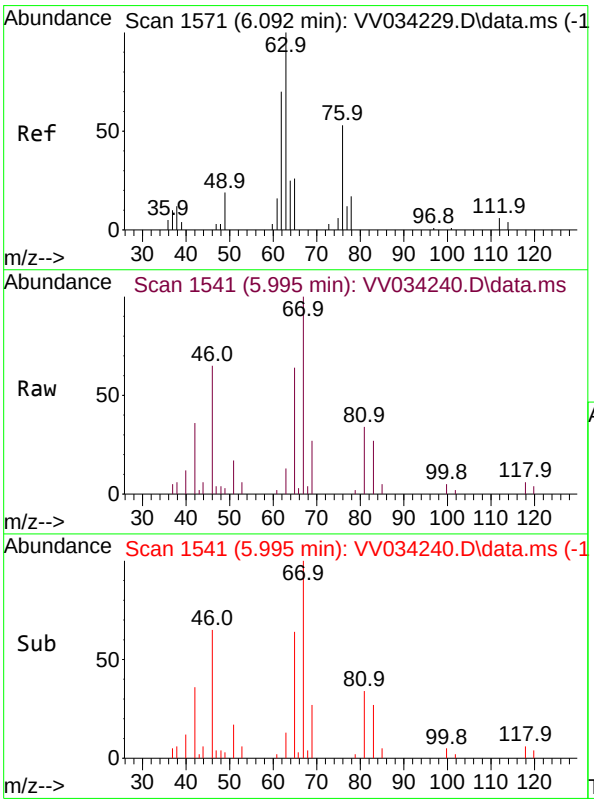
#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 5.992 min Scan# 1
Delta R.T. -0.055 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 2720

Ion	Ratio	Lower	Upper
83	100		
55	3.8	63.5	95.3#
98	0.0	39.0	58.4#

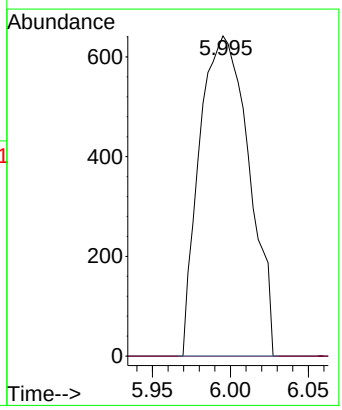


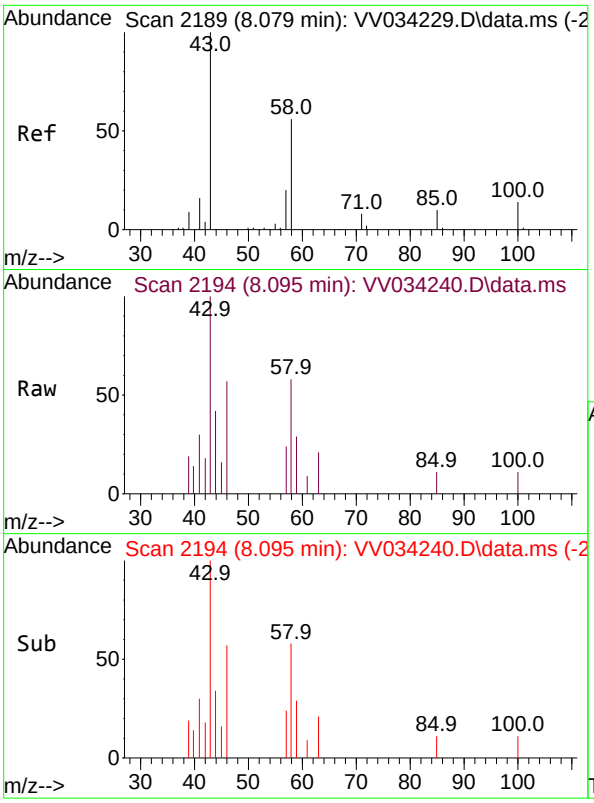


#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.096 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Tgt Ion: 63 Resp: 1417

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



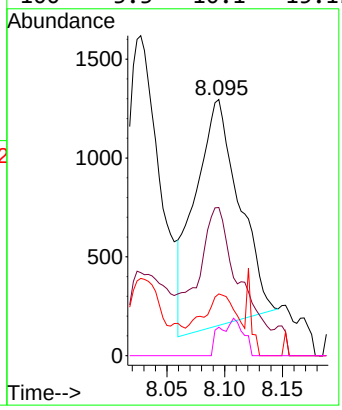


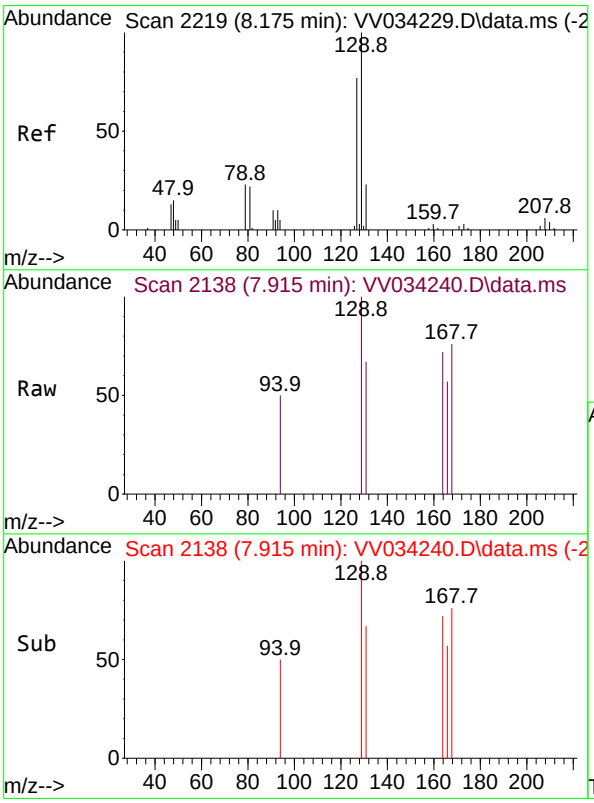
#48
2-Hexanone
Concen: 3.982 ug/L
RT: 8.095 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3051

Ion	Ratio	Lower	Upper
43	100		
58	44.9	42.6	64.0
57	21.9	15.5	23.3
100	3.3	10.1	15.1#

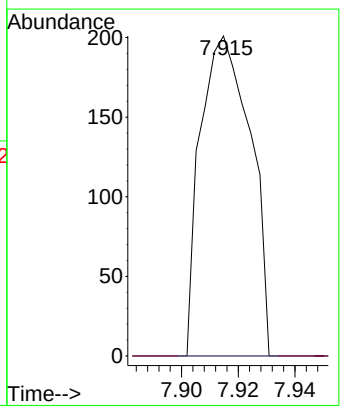


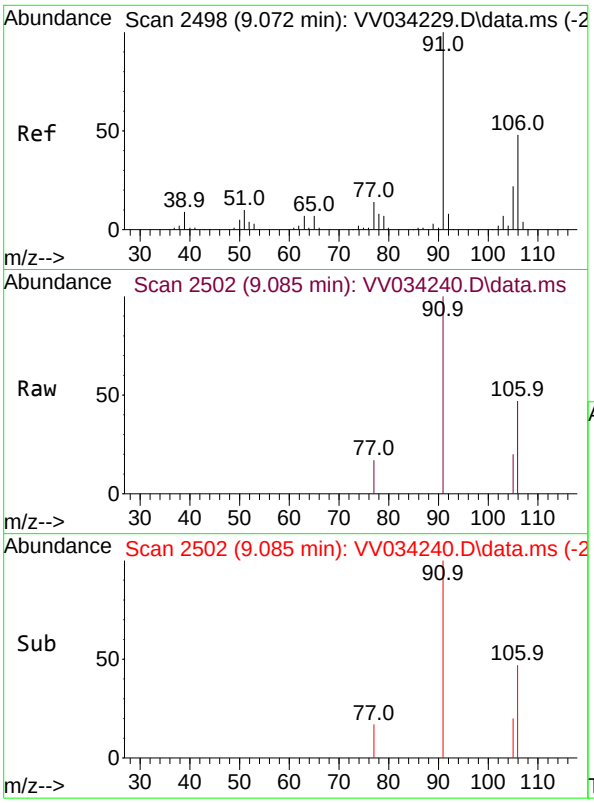


#49
Dibromochloromethane
Concen: 0.148 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.260 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Tgt Ion:129 Resp: 246

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#



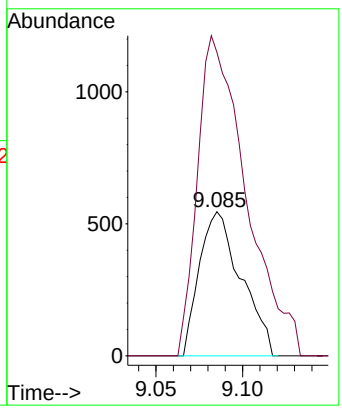


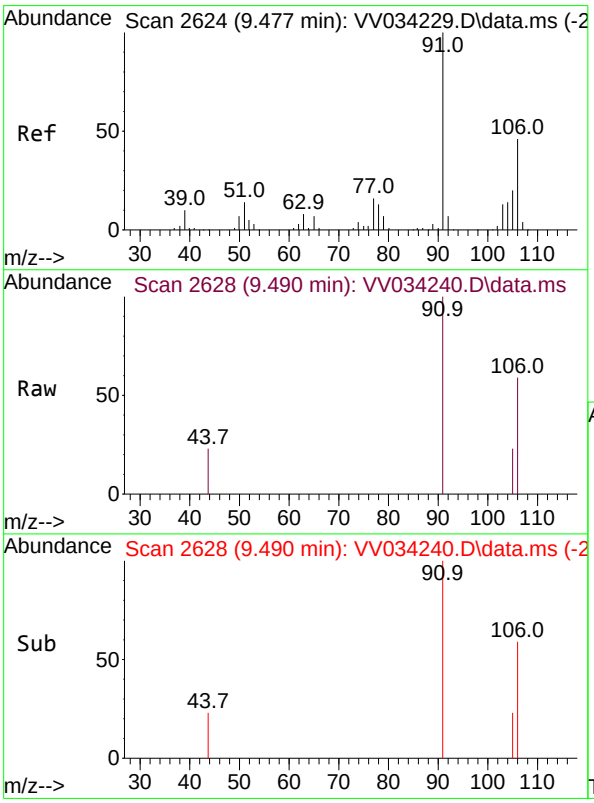
#53
m,p-Xylene
Concen: 0.210 ug/L
RT: 9.085 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 916

Ion	Ratio	Lower	Upper
106	100		
91	210.6	147.5	273.9

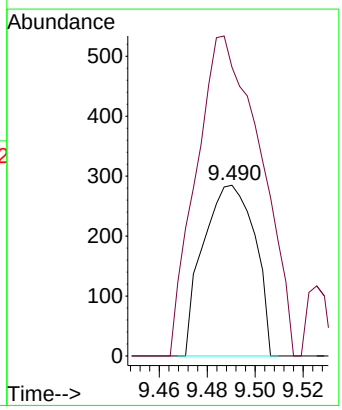


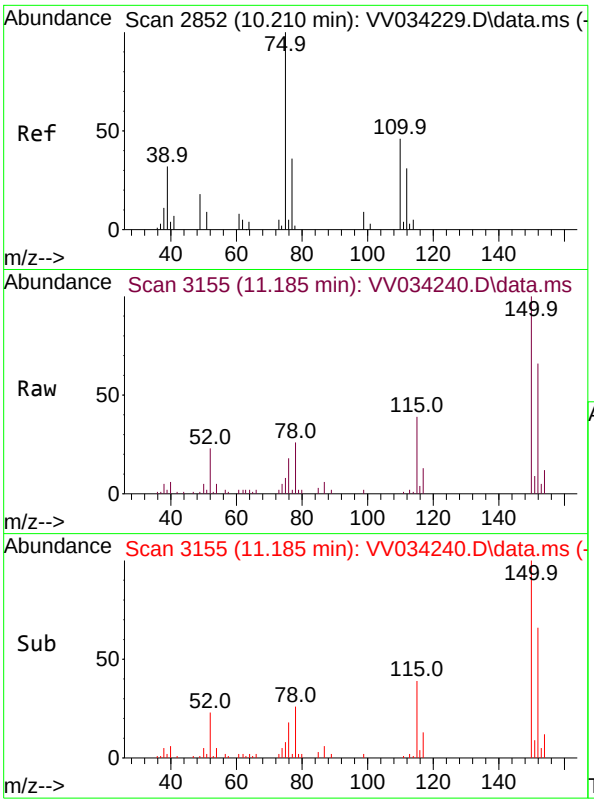


#54
o-Xylene
Concen: 0.101 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.013 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Tgt Ion:106 Resp: 425

Ion	Ratio	Lower	Upper
106	100		
91	169.1	156.2	290.0



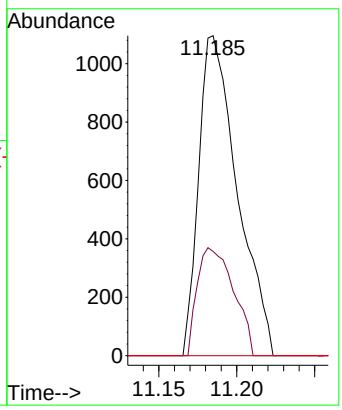


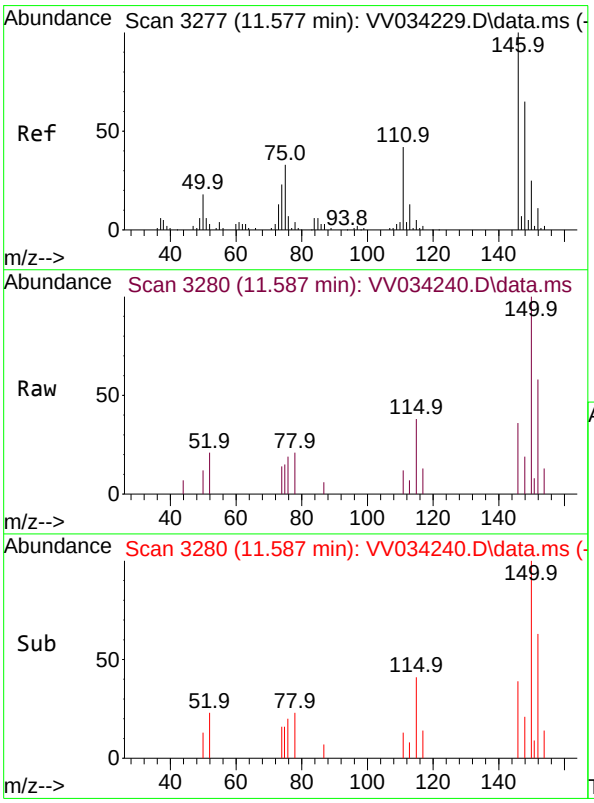
#61
1,2,3-Trichloropropane
Concen: 1.742 ug/L
RT: 11.185 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1885

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.9	40.3
110	0.0	33.3	49.9#

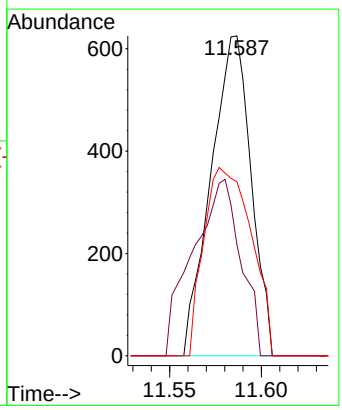


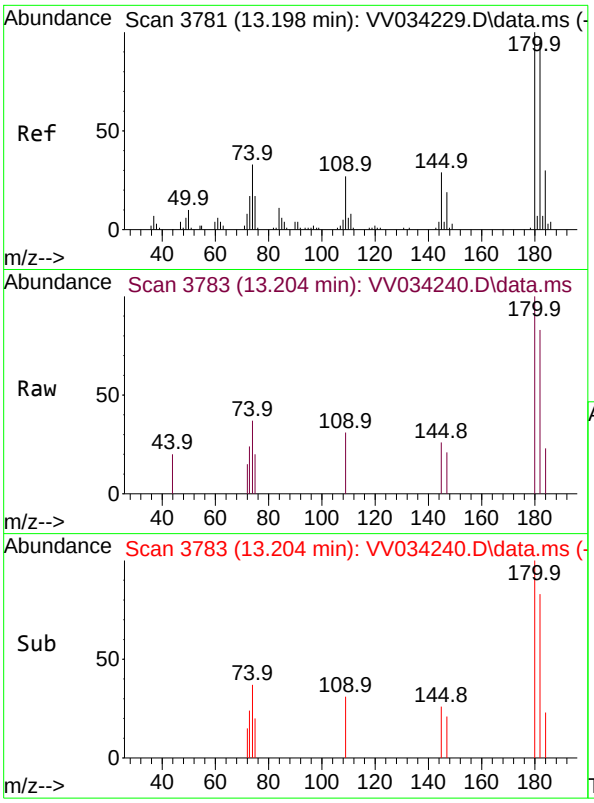


#67
1,2-Dichlorobenzene
Concen: 0.218 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. 0.010 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Tgt Ion:146 Resp: 951

Ion	Ratio	Lower	Upper
146	100		
111	34.7	31.2	46.8
148	54.4	49.8	74.8





#70
1,2,4-trichlorobenzene
Concen: 0.440 ug/L
RT: 13.204 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV034240.D
Acq: 19 Feb 2024 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 1349

Ion	Ratio	Lower	Upper
180	100		
182	83.0	76.8	115.2
145	28.2	24.8	37.2