Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022724\
Data File : VV034442.D
Acq On : 27 Feb 2024 12:23
Operator : SY/MD
Sample : P1535-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 28 03:55:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 28 03:52:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	144799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	69742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36185	4.305	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.000%			
7) Chloroethane-d5	1.532	69	33681	4.537	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.800%			
11) 1,1-Dichloroethene-d2	2.060	65	16491	4.215	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.200%			
20) 2-Butanone-d5	3.805	46	110836	50.434	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.860%			
24) Chloroform-d	4.249	84	78040	4.624	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	4.947	65	43164	5.026	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	4.960	84	141430	4.618	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
36) 1,2-Dichloropropane-d6	5.989	67	44774	4.896	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.000%			
41) Toluene-d8	7.246	98	123501	4.497	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.000%			
43) trans-1,3-Dichloroprop...	7.561	79	15160	4.450	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.000%			
46) 2-Hexanone-d5	8.024	63	99970	51.899	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.800%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	36567	5.052	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.000%			
66) 1,2-Dichlorobenzene-d4	11.561	152	50686	4.784	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	2204	0.205	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	2611	0.277	ug/L	89
12) 1,1-Dichloroethene	2.069	96	2590	0.286	ug/L #	1
16) Methylene chloride	2.449	84	7492	0.723	ug/L	96
18) trans-1,2-Dichloroethene	2.703	96	8419	0.913	ug/L	93
19) 1,1-Dichloroethane	3.117	63	2054	0.116	ug/L	92
22) cis-1,2-Dichloroethene	3.818	96	9148	0.902	ug/L	93
34) Trichloroethene	5.834	95	73379	7.458	ug/L	98
35) Methylcyclohexane	5.992	83	11243	0.728	ug/L #	20
47) Tetrachloroethene	7.911	164	6160	0.798	ug/L	90
48) 2-Hexanone	8.024	43	11753	2.864	ug/L #	67
49) Dibromochloromethane	7.911	129	5634	0.764	ug/L #	11
53) m,p-Xylene	9.082	106	2140	0.129	ug/L	80
54) o-Xylene	9.487	106	2785	0.168	ug/L	74

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

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ClientSampleId :

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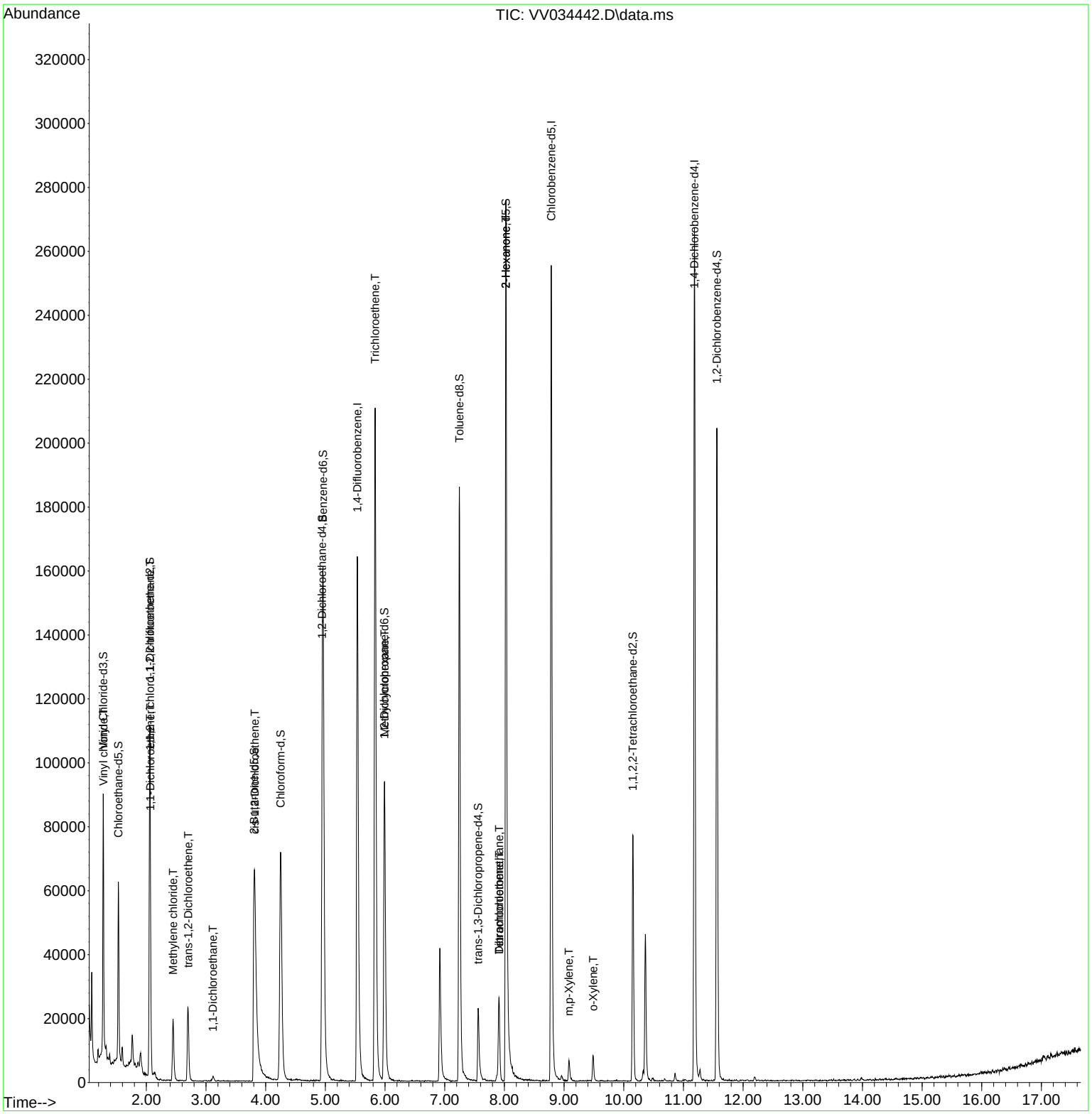
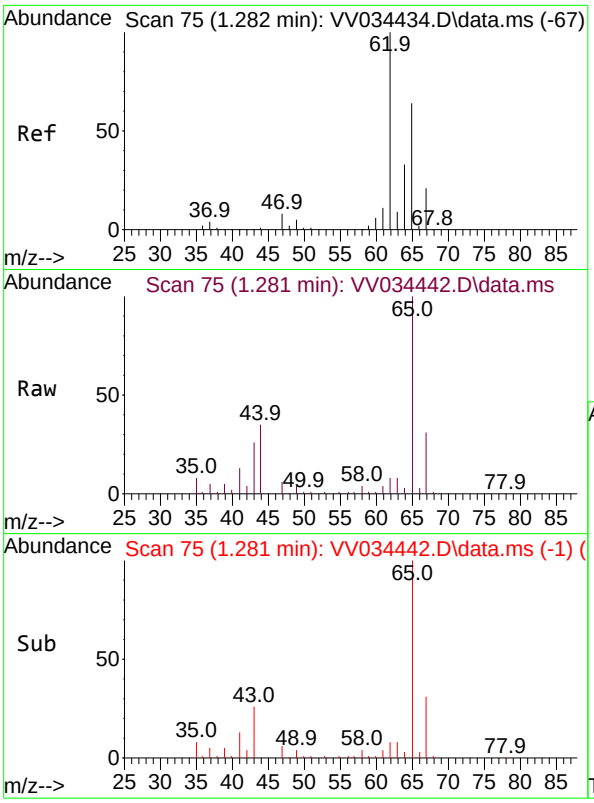
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 28 03:52:36 2024
Response via : Initial Calibration



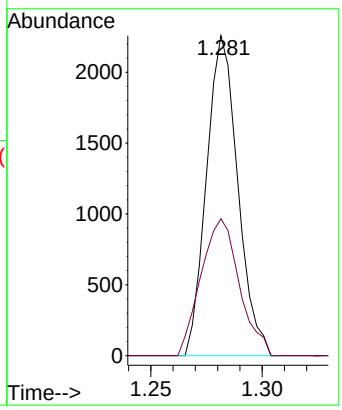


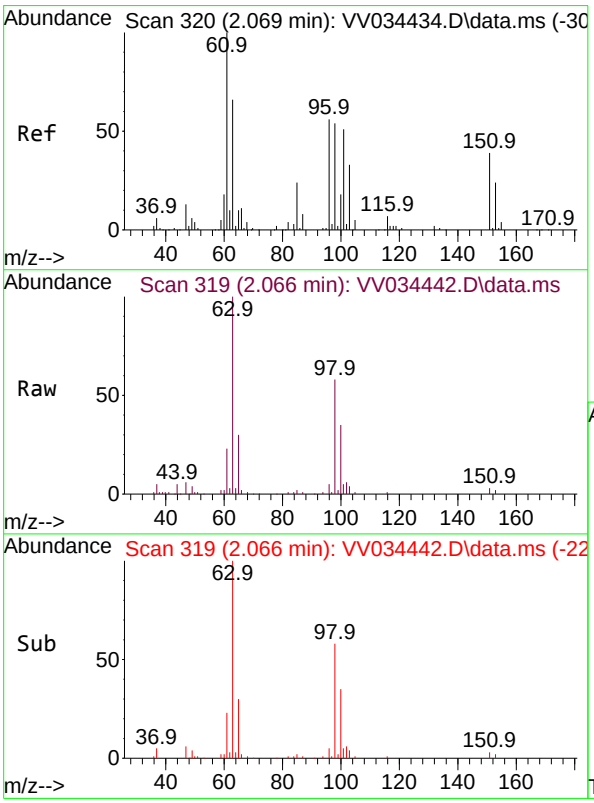
#5
Vinyl chloride
Concen: 0.205 ug/L
RT: 1.281 min Scan# 7
Delta R.T. -0.000 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 2204

Ion	Ratio	Lower	Upper
62	100		
64	42.8	23.4	43.4

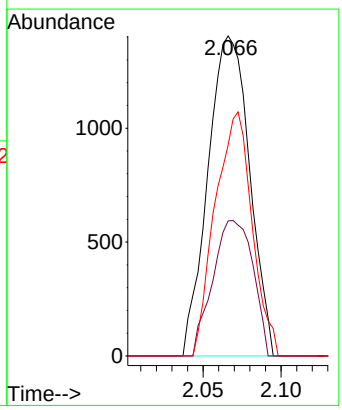


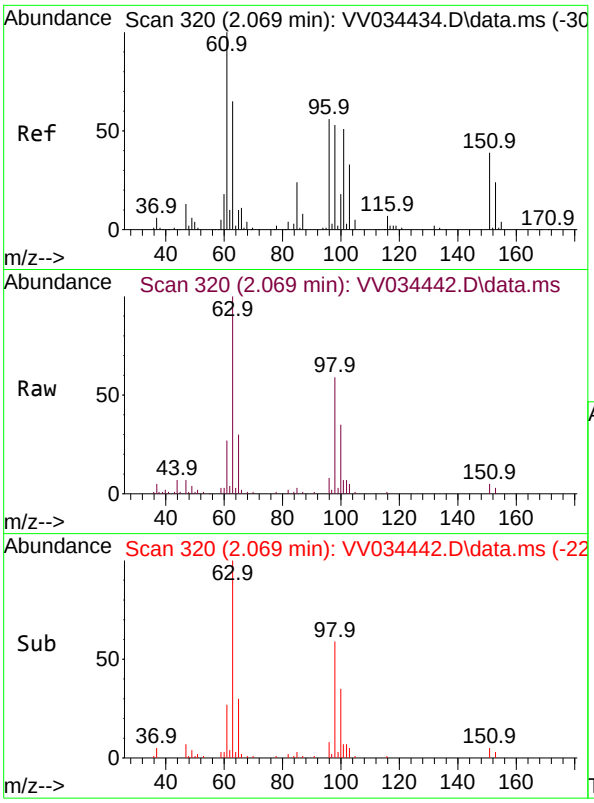


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.277 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Tgt Ion:101 Resp: 2611

Ion	Ratio	Lower	Upper
101	100		
85	40.8	37.9	56.9
151	67.5	61.8	92.6



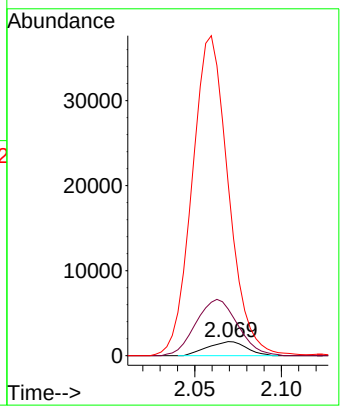


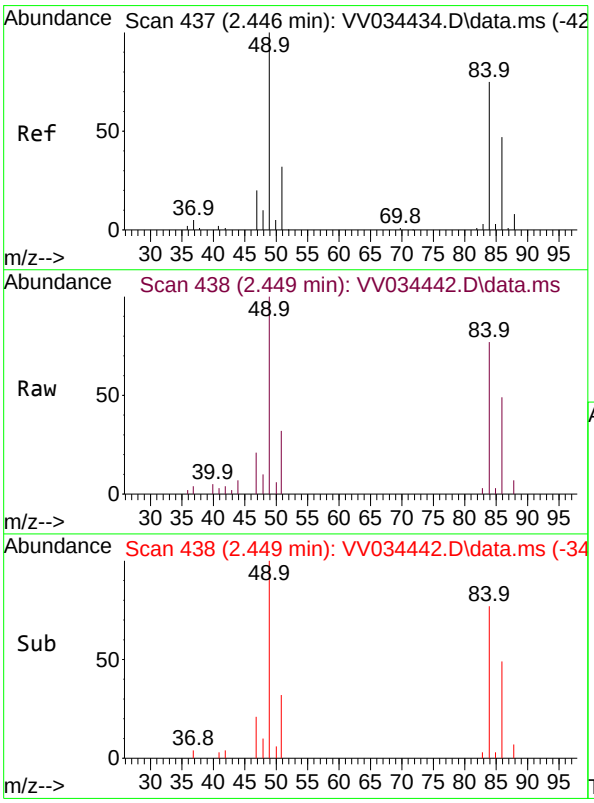
#12
1,1-Dichloroethene
Concen: 0.286 ug/L
RT: 2.069 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2590

Ion	Ratio	Lower	Upper
96	100		
61	333.8	131.3	243.8#
63	1232.7	102.8	191.0#

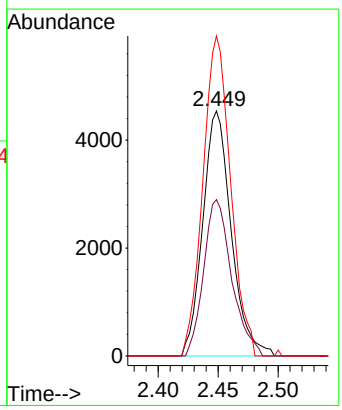


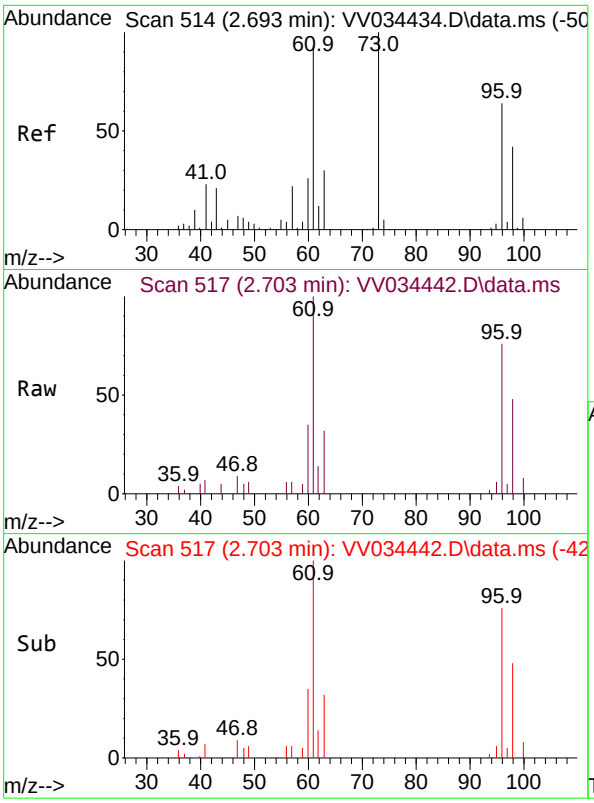


#16
Methylene chloride
Concen: 0.723 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Tgt Ion: 84 Resp: 7492

Ion	Ratio	Lower	Upper
84	100		
86	63.8	43.8	81.4
49	130.6	87.6	162.8



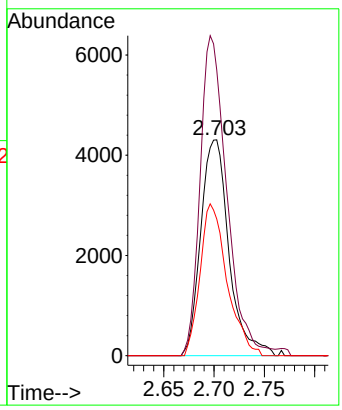


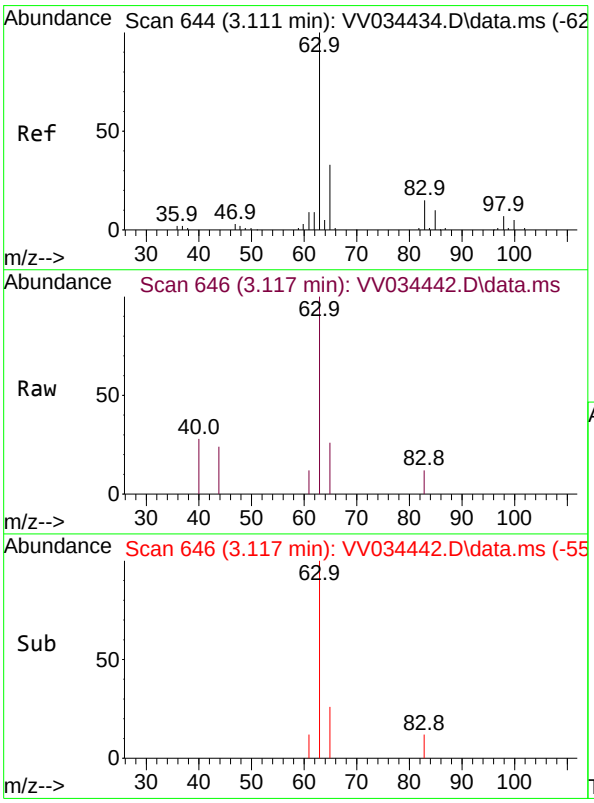
#18
trans-1,2-Dichloroethene
Concen: 0.913 ug/L
RT: 2.703 min Scan# 5
Delta R.T. 0.010 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 8419

Ion	Ratio	Lower	Upper
96	100		
61	132.4	101.3	188.1
98	63.3	43.5	80.7

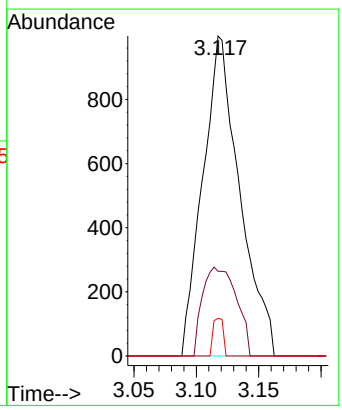


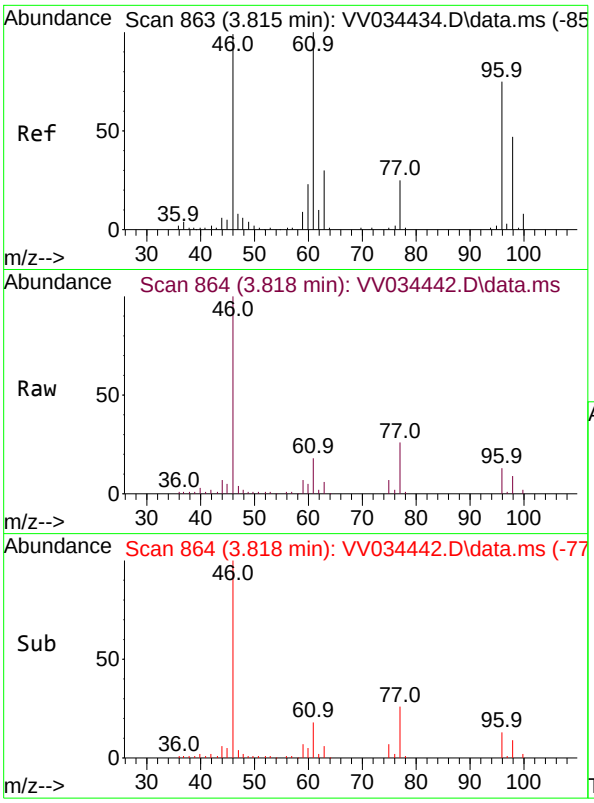


#19
1,1-Dichloroethane
Concen: 0.116 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Tgt Ion: 63 Resp: 2054

Ion	Ratio	Lower	Upper
63	100		
65	26.5	22.0	41.0
83	11.7	10.1	18.9



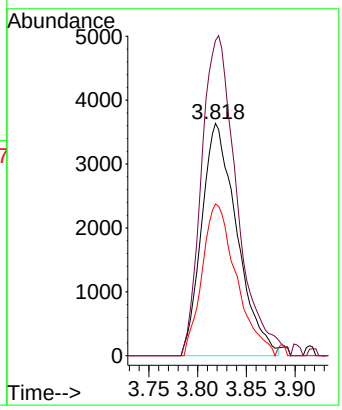


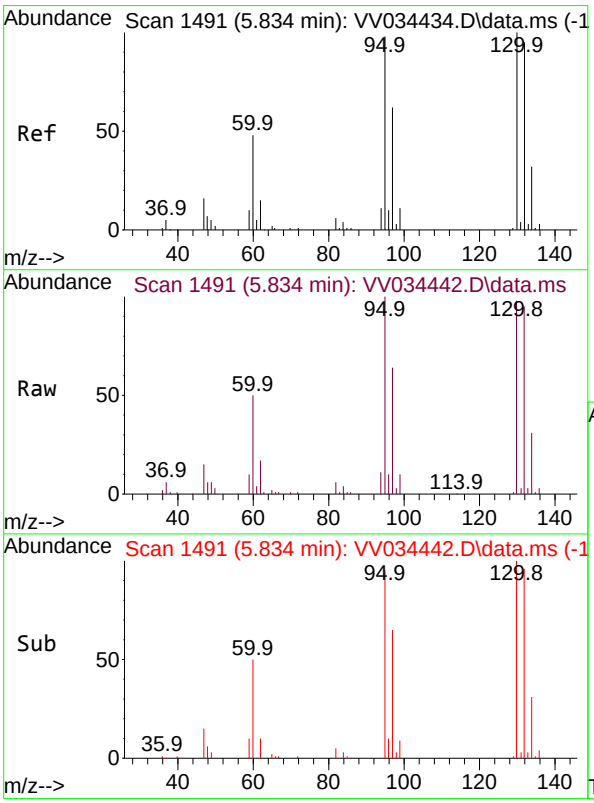
#22
cis-1,2-Dichloroethene
Concen: 0.902 ug/L
RT: 3.818 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 9148

Ion	Ratio	Lower	Upper
96	100		
61	135.7	89.7	166.5
98	65.3	42.0	78.0

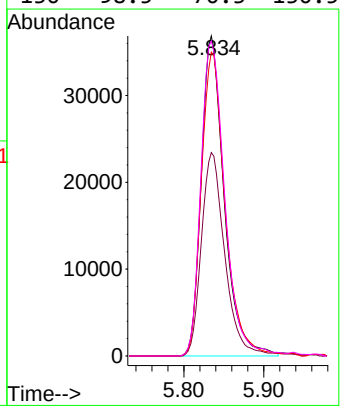


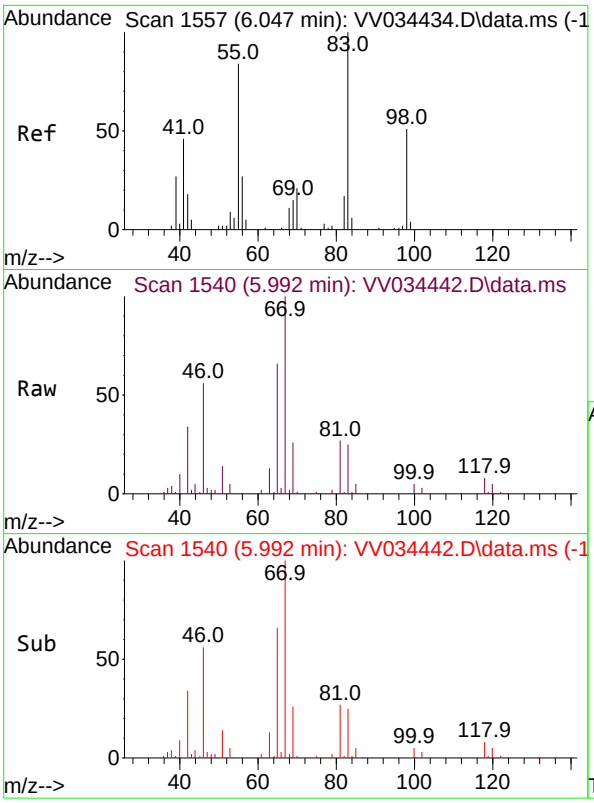


#34
Trichloroethene
Concen: 7.458 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Tgt Ion: 95 Resp: 73379

Ion	Ratio	Lower	Upper
95	100		
97	63.6	43.3	80.5
132	94.9	67.8	126.0
130	98.5	70.3	130.5



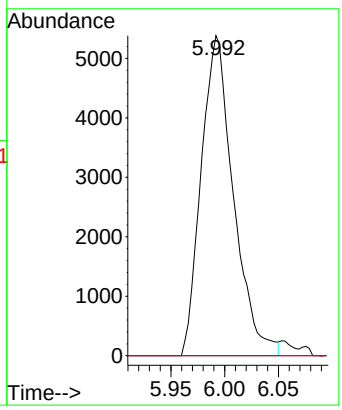


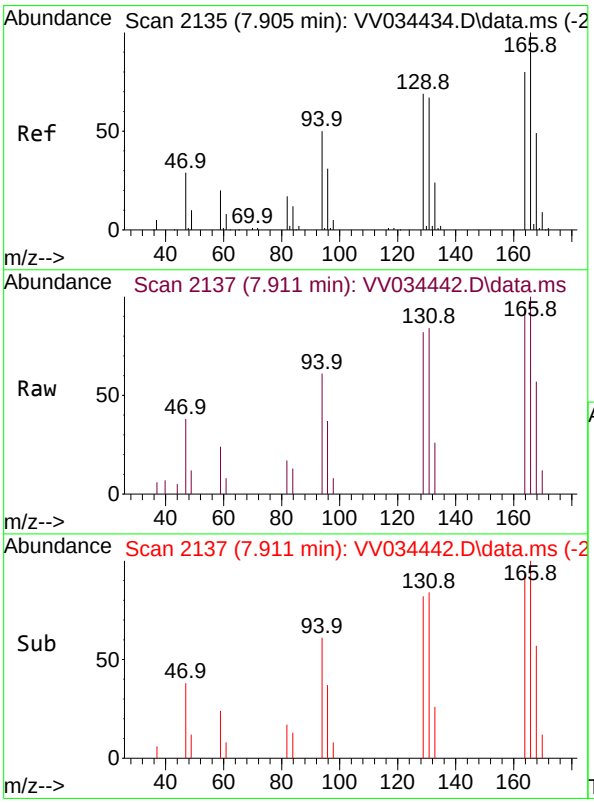
#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 5.992 min Scan# 1
Delta R.T. -0.055 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 11243

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	3.8	38.1	57.1#

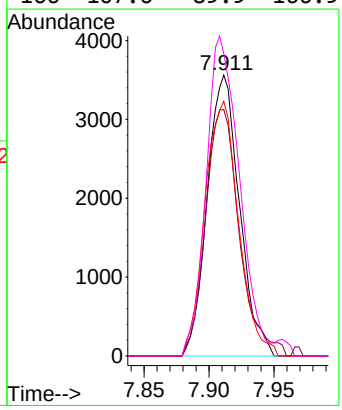


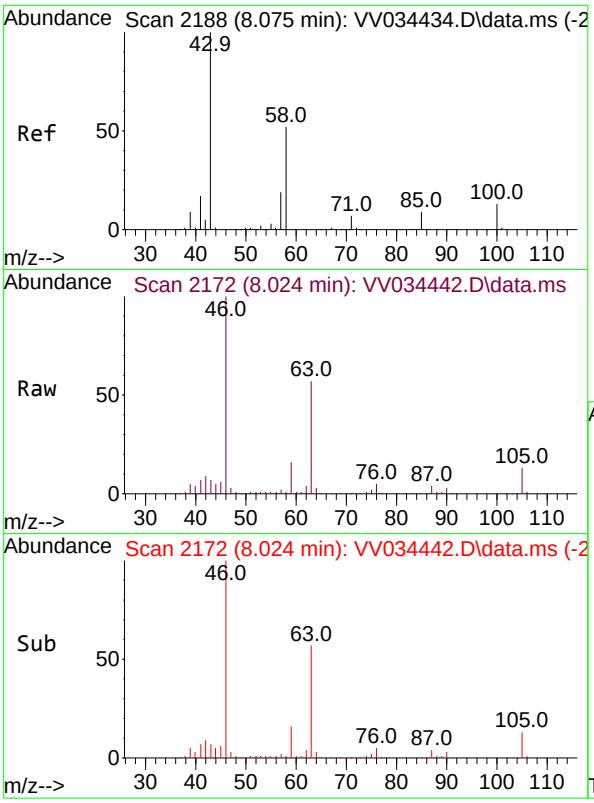


#47
Tetrachloroethene
Concen: 0.798 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Tgt Ion:164 Resp: 6160

Ion	Ratio	Lower	Upper
164	100		
129	87.7	64.2	119.2
131	90.7	65.9	122.3
166	107.6	89.9	166.9



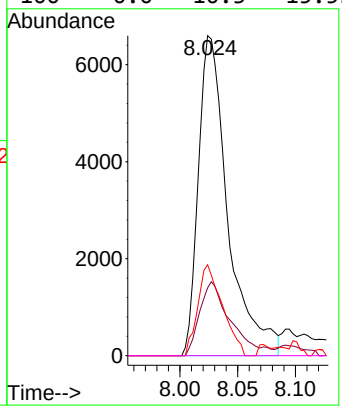


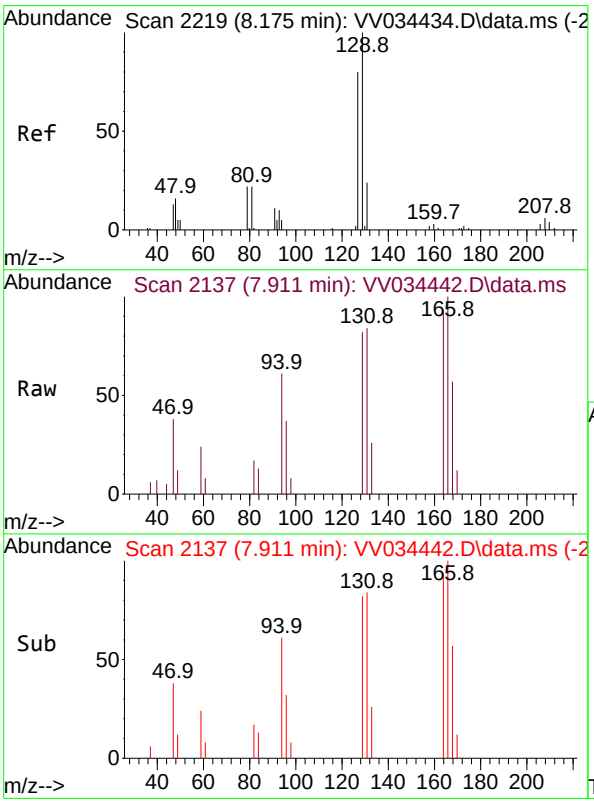
#48
2-Hexanone
Concen: 2.864 ug/L
RT: 8.024 min Scan# 21
Delta R.T. -0.052 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 11753

Ion	Ratio	Lower	Upper
43	100		
58	24.4	43.4	65.0#
57	23.7	15.5	23.3#
100	0.0	10.3	15.5#

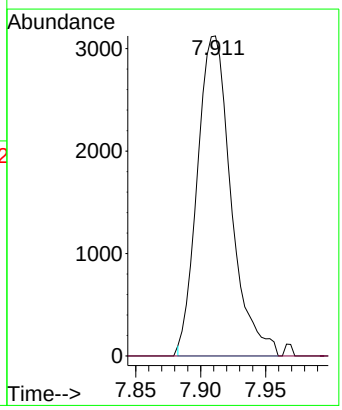


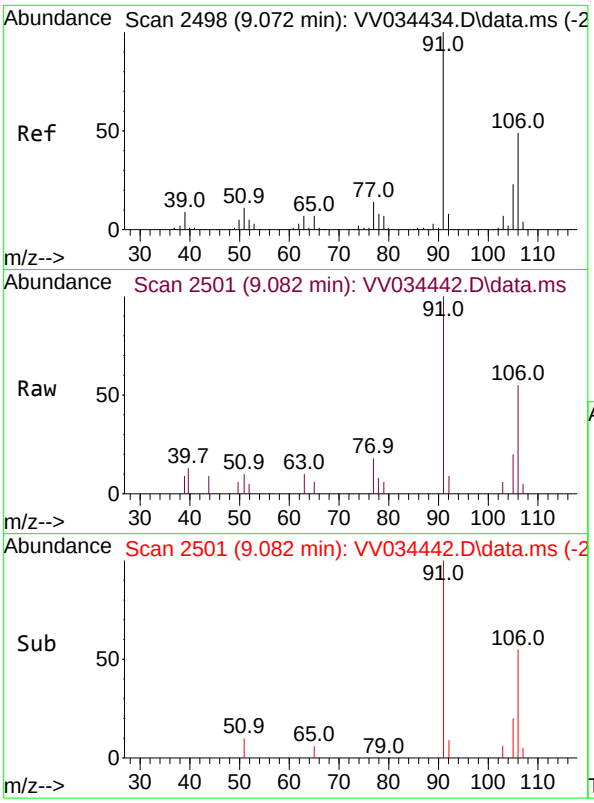


#49
Dibromochloromethane
Concen: 0.764 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.264 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Tgt Ion:129 Resp: 5634

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.0	100.4#



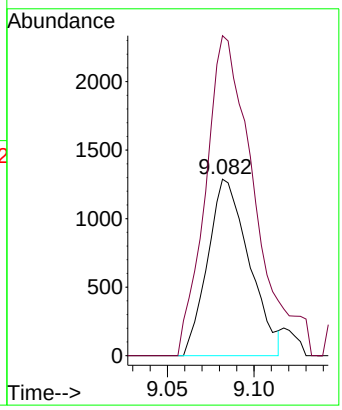


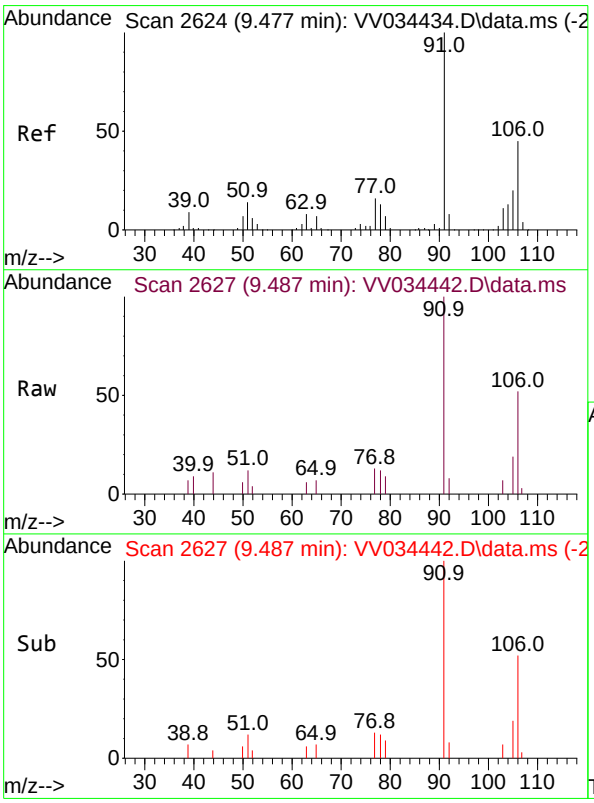
#53
m,p-Xylene
Concen: 0.129 ug/L
RT: 9.082 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 2140

Ion	Ratio	Lower	Upper
106	100		
91	181.3	148.5	275.9





#54
o-Xylene
Concen: 0.168 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV034442.D
Acq: 27 Feb 2024 12:23

Tgt Ion:106 Resp: 2785

Ion	Ratio	Lower	Upper
106	100		
91	180.0	155.8	289.3