Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022724\
Data File : VV034441.D
Acq On : 27 Feb 2024 11:59
Operator : SY/MD
Sample : P1535-02DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 28 03:55:12 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	5.538	114	140581	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	132580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	67814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37145	4.552	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.000%			
7) Chloroethane-d5	1.532	69	34304	4.760	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	2.059	65	17031	4.483	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.600%			
20) 2-Butanone-d5	3.809	46	111498	52.257	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.520%			
24) Chloroform-d	4.252	84	79015	4.822	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	4.947	65	45725	5.484	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.600%			
32) Benzene-d6	4.963	84	142469	4.777	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.600%			
36) 1,2-Dichloropropane-d6	5.992	67	46251	5.194	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.800%			
41) Toluene-d8	7.246	98	126307	4.722	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.400%			
43) trans-1,3-Dichloroprop...	7.564	79	15711	4.736	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.800%			
46) 2-Hexanone-d5	8.027	63	102242	54.503	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.000%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	36467	5.174	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.400%			
66) 1,2-Dichlorobenzene-d4	11.561	152	53472	5.190	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	2073	0.199	ug/L #	66
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2384	0.261	ug/L	88
12) 1,1-Dichloroethene	2.066	96	2533	0.288	ug/L #	1
16) Methylene chloride	2.449	84	6777	0.674	ug/L	92
18) trans-1,2-Dichloroethene	2.696	96	7865	0.878	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	8353	0.848	ug/L	93
34) Trichloroethene	5.834	95	70502	7.358	ug/L	95
35) Methylcyclohexane	5.992	83	11304	0.751	ug/L #	20
37) 1,2-Dichloropropane	5.989	63	5294	0.584	ug/L #	87
47) Tetrachloroethene	7.911	164	6081	0.809	ug/L	89
48) 2-Hexanone	8.027	43	12006	3.004	ug/L #	63
49) Dibromochloromethane	7.908	129	5214	0.726	ug/L #	11
53) m,p-Xylene	9.085	106	1925	0.119	ug/L	97
54) o-Xylene	9.487	106	2010	0.125	ug/L	100

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

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Quant Title : TRACE VOA SFAM1.0
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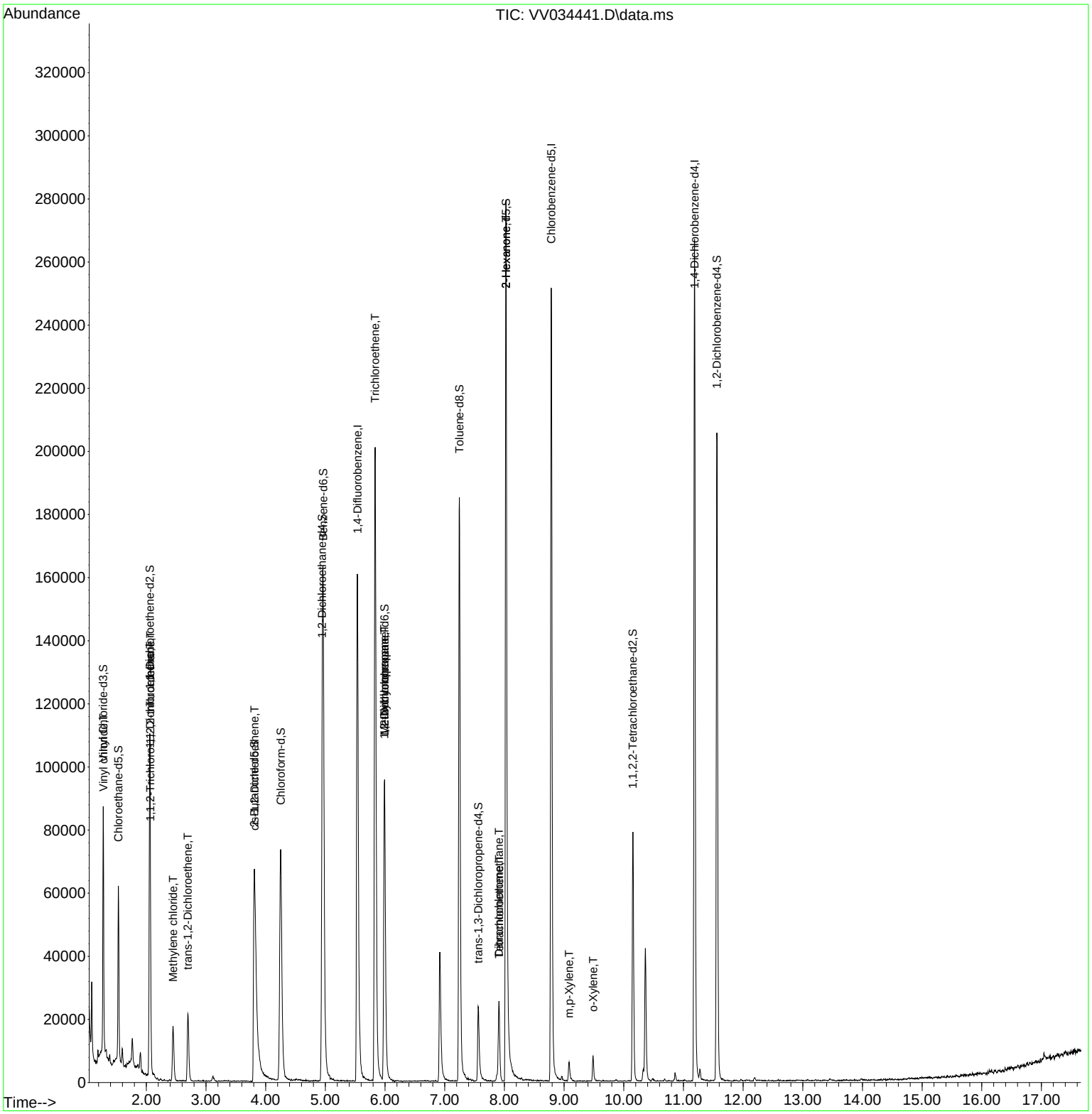
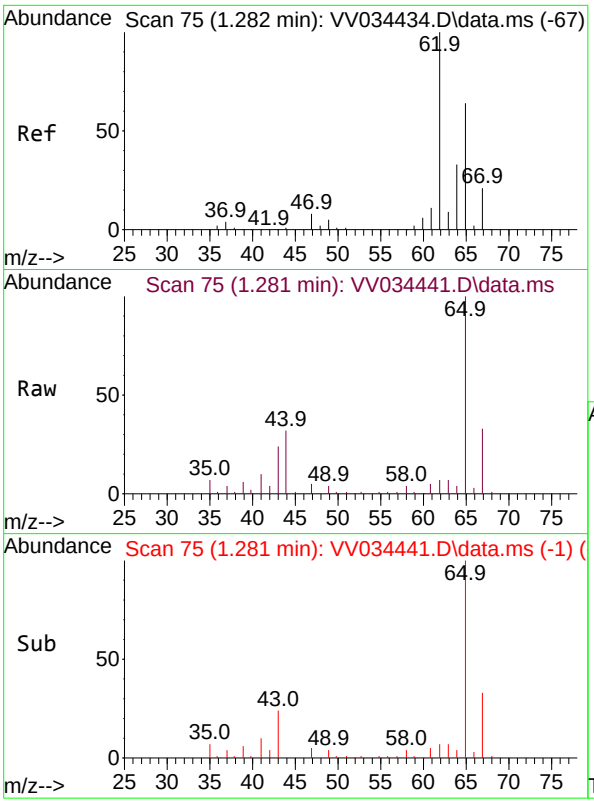


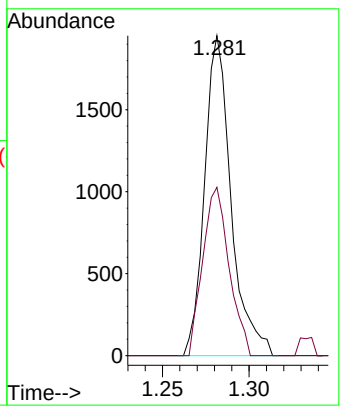


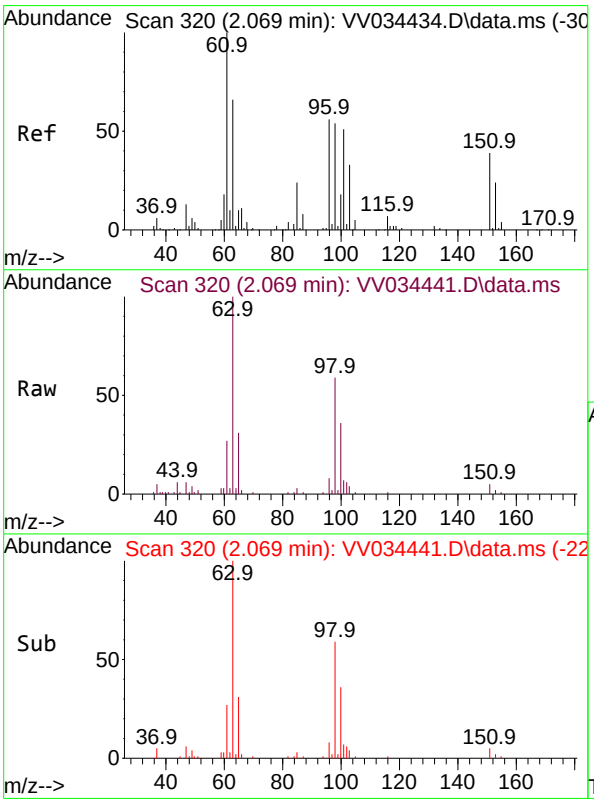
#5
Vinyl chloride
Concen: 0.199 ug/L
RT: 1.281 min Scan# 7
Delta R.T. -0.000 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 2073

Ion	Ratio	Lower	Upper
62	100		
64	52.6	23.4	43.4#

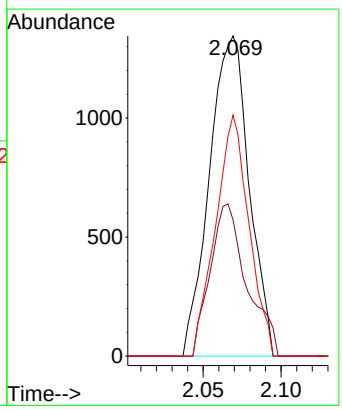


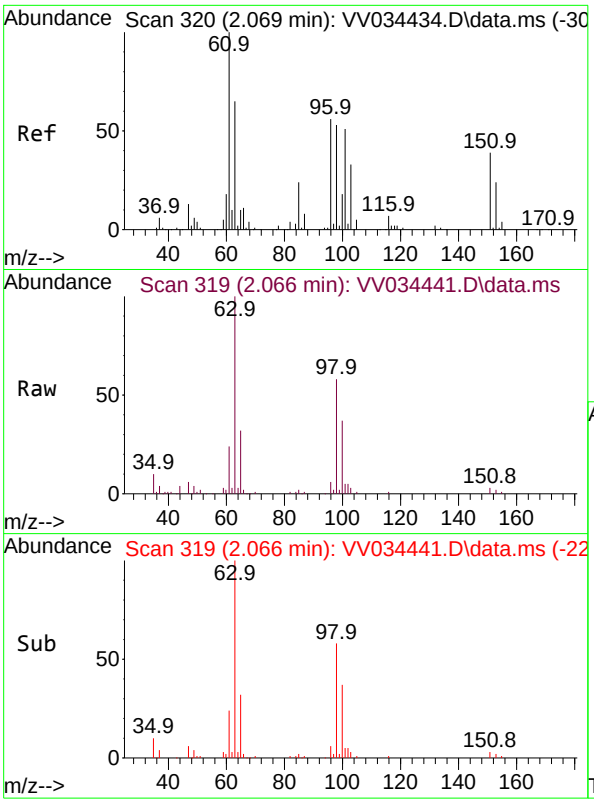


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.261 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Tgt Ion:101 Resp: 2384

Ion	Ratio	Lower	Upper
101	100		
85	44.1	37.9	56.9
151	63.3	61.8	92.6



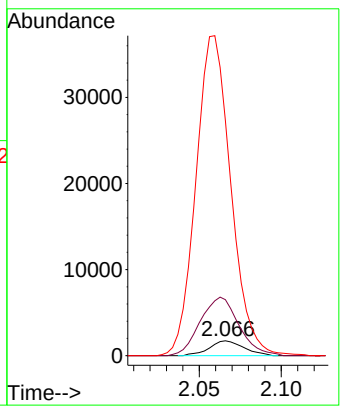


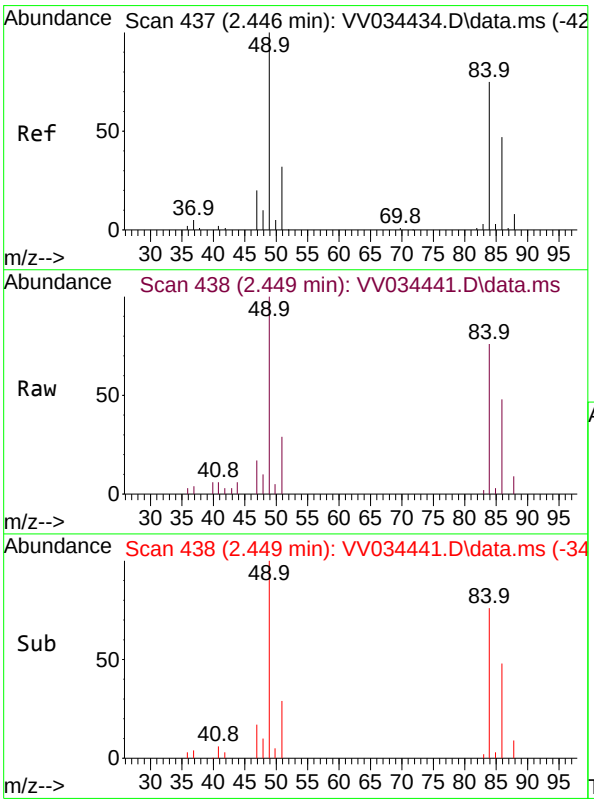
#12
1,1-Dichloroethene
Concen: 0.288 ug/L
RT: 2.066 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2533

Ion	Ratio	Lower	Upper
96	100		
61	375.3	131.3	243.8#
63	1576.9	102.8	191.0#

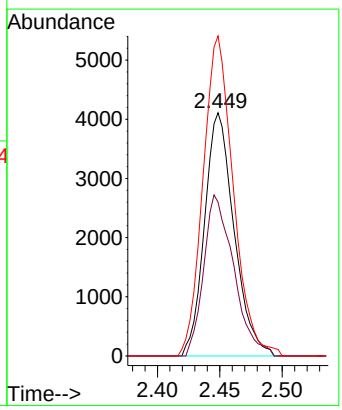


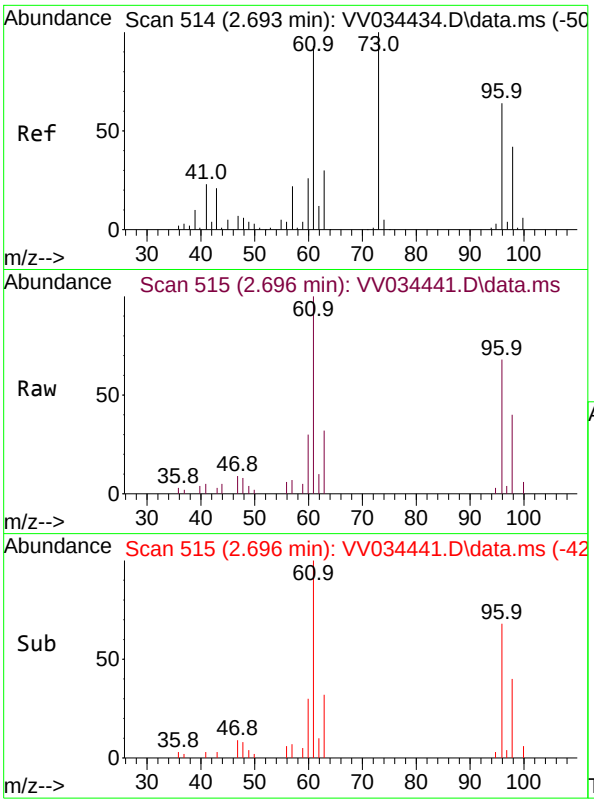


#16
Methylene chloride
Concen: 0.674 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Tgt Ion: 84 Resp: 6777

Ion	Ratio	Lower	Upper
84	100		
86	63.3	43.8	81.4
49	138.7	87.6	162.8



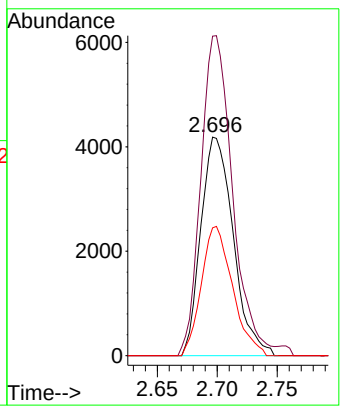


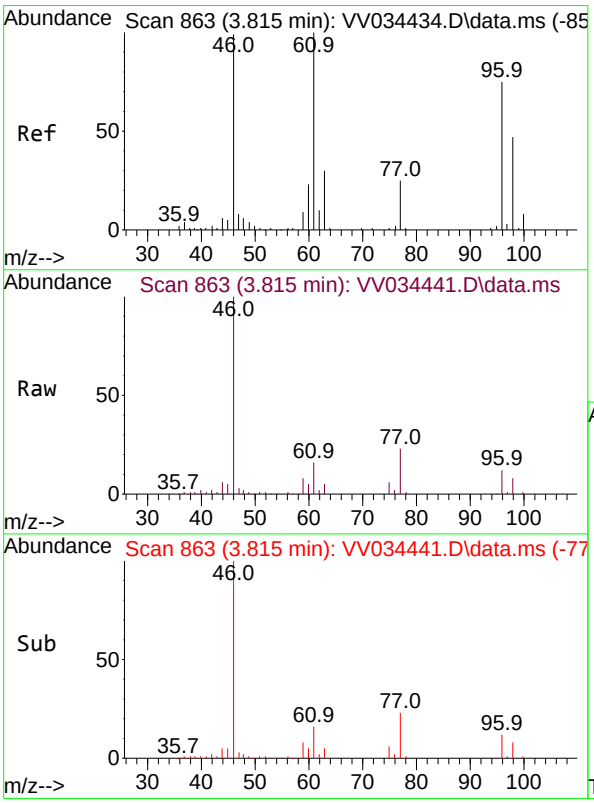
#18
trans-1,2-Dichloroethene
Concen: 0.878 ug/L
RT: 2.696 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 7865

Ion	Ratio	Lower	Upper
96	100		
61	146.2	101.3	188.1
98	58.5	43.5	80.7

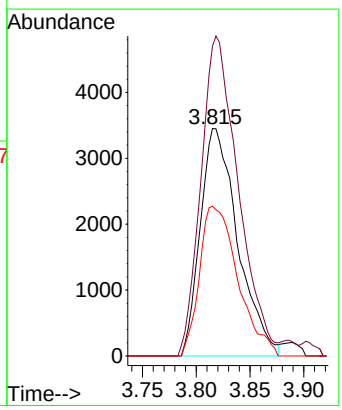


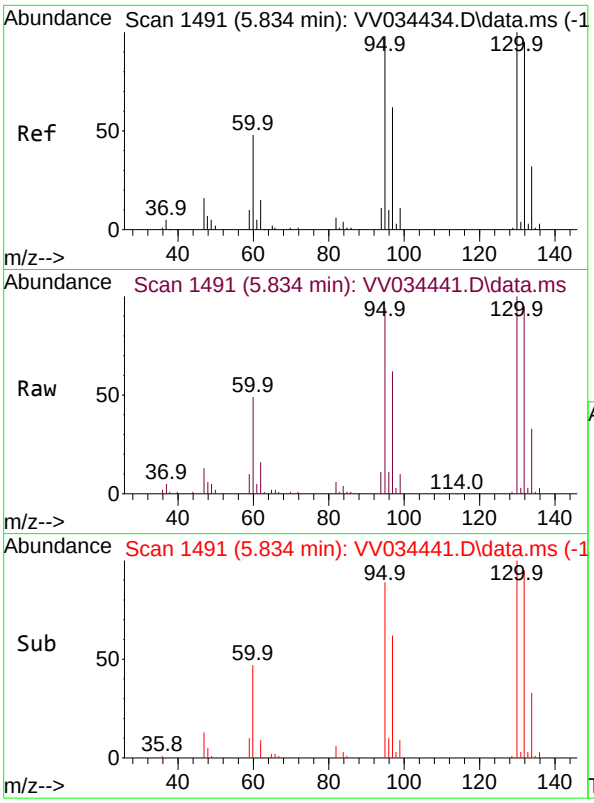


#22
cis-1,2-Dichloroethene
Concen: 0.848 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Tgt Ion: 96 Resp: 8353

Ion	Ratio	Lower	Upper
96	100		
61	136.1	89.7	166.5
98	65.8	42.0	78.0



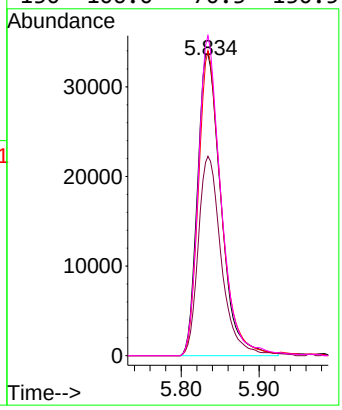


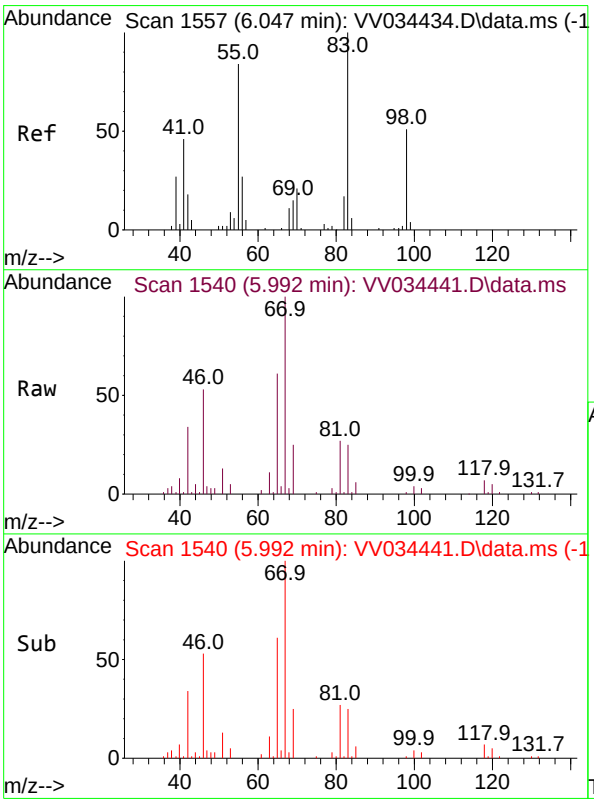
#34
Trichloroethene
Concen: 7.358 ug/L
RT: 5.834 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 70502

Ion	Ratio	Lower	Upper
95	100		
97	66.0	43.3	80.5
132	101.0	67.8	126.0
130	106.0	70.3	130.5

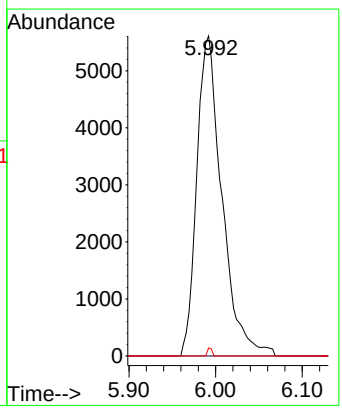


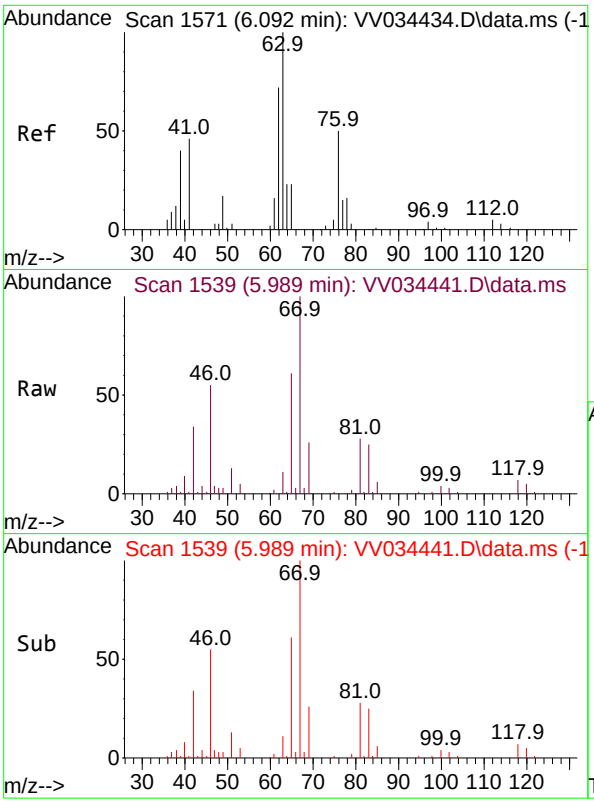


#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.055 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Tgt Ion: 83 Resp: 11304

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	3.9	38.1	57.1#



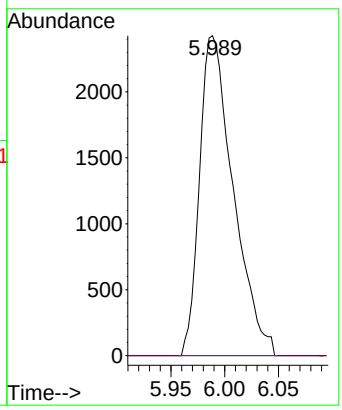


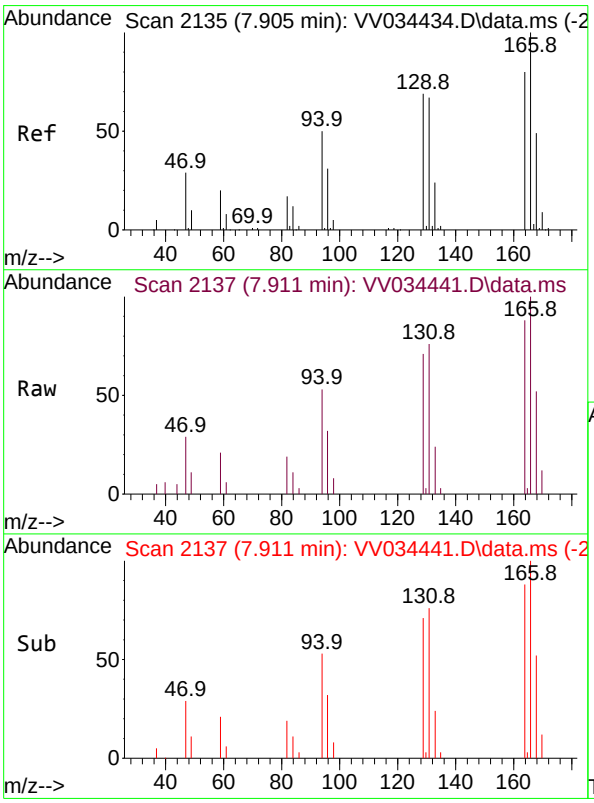
#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 5.989 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 5294

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

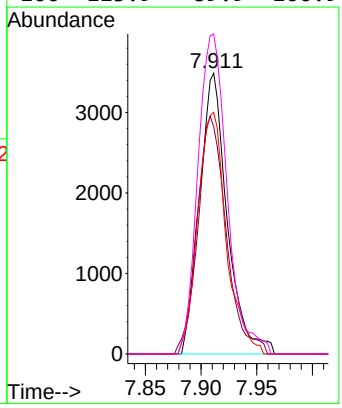


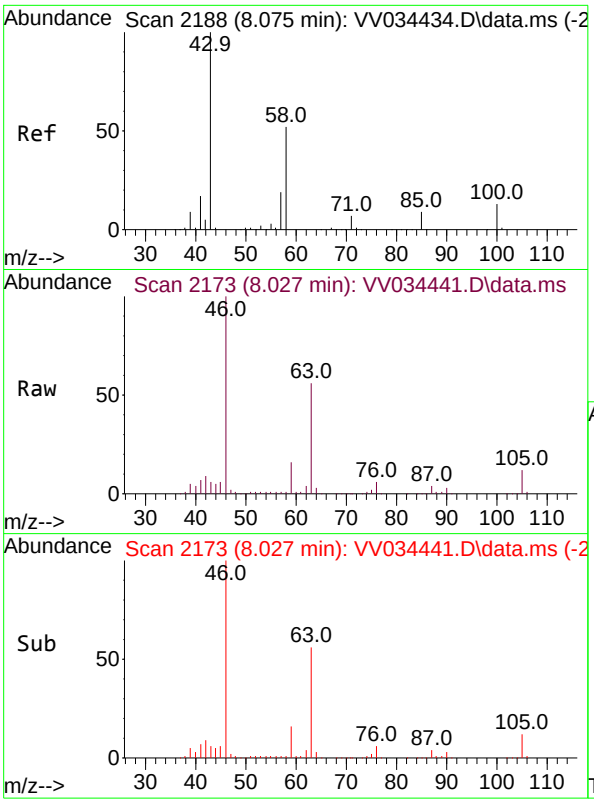


#47
Tetrachloroethene
Concen: 0.809 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Tgt Ion:164 Resp: 6081

Ion	Ratio	Lower	Upper
164	100		
129	80.9	64.2	119.2
131	86.0	65.9	122.3
166	113.9	89.9	166.9



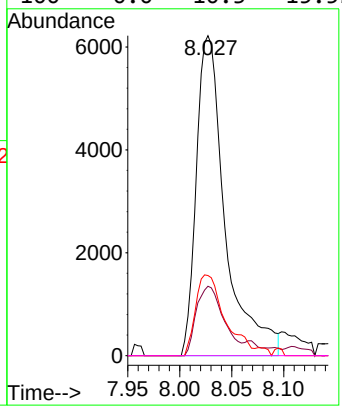


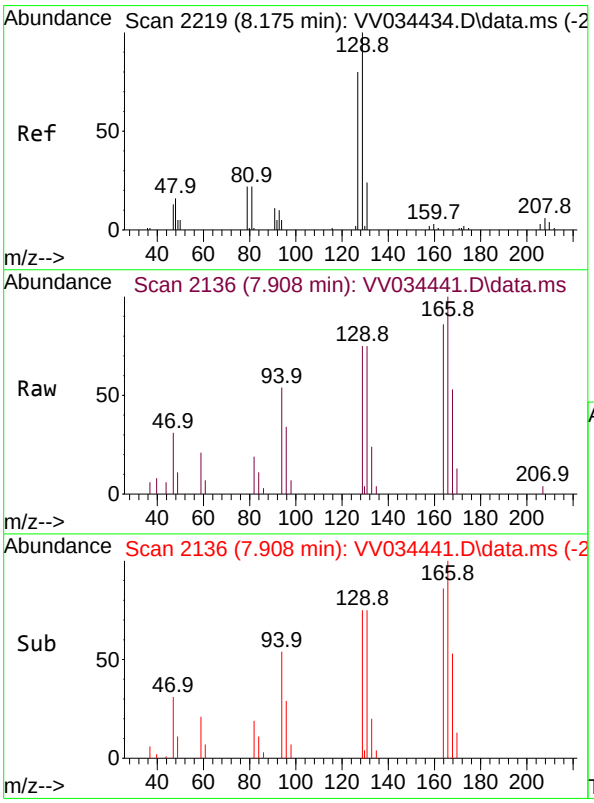
#48
2-Hexanone
Concen: 3.004 ug/L
RT: 8.027 min Scan# 2
Delta R.T. -0.048 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 12006

Ion	Ratio	Lower	Upper
43	100		
58	20.6	43.4	65.0#
57	25.7	15.5	23.3#
100	0.0	10.3	15.5#

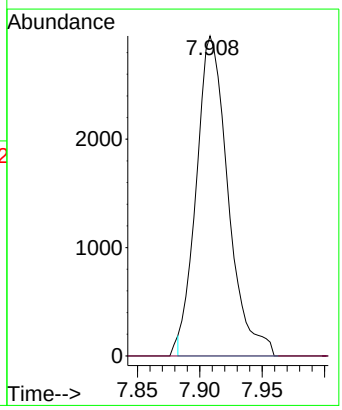


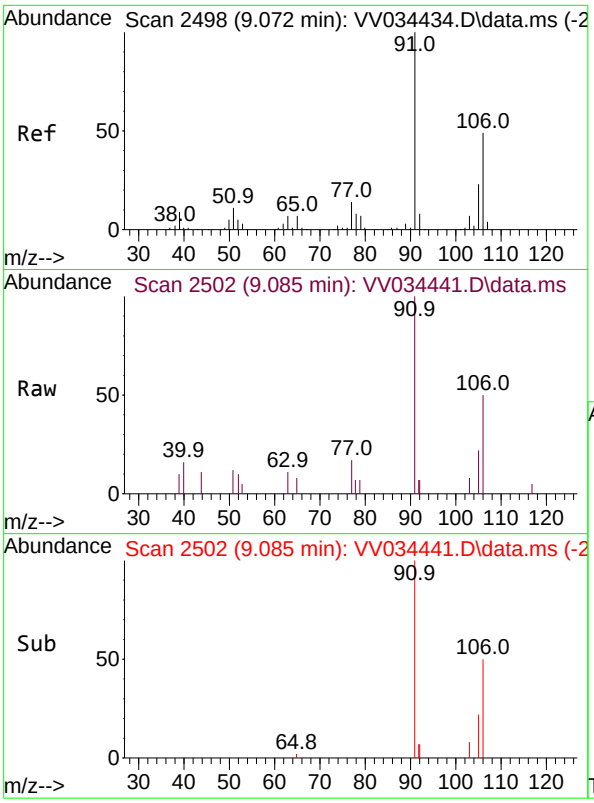


#49
Dibromochloromethane
Concen: 0.726 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.267 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Tgt Ion:129 Resp: 5214

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.0	100.4#



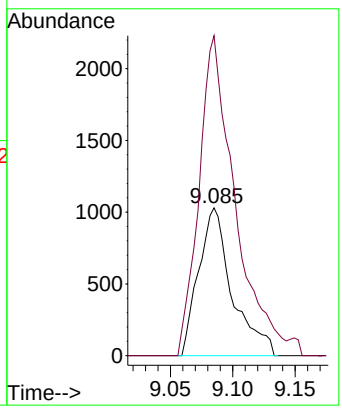


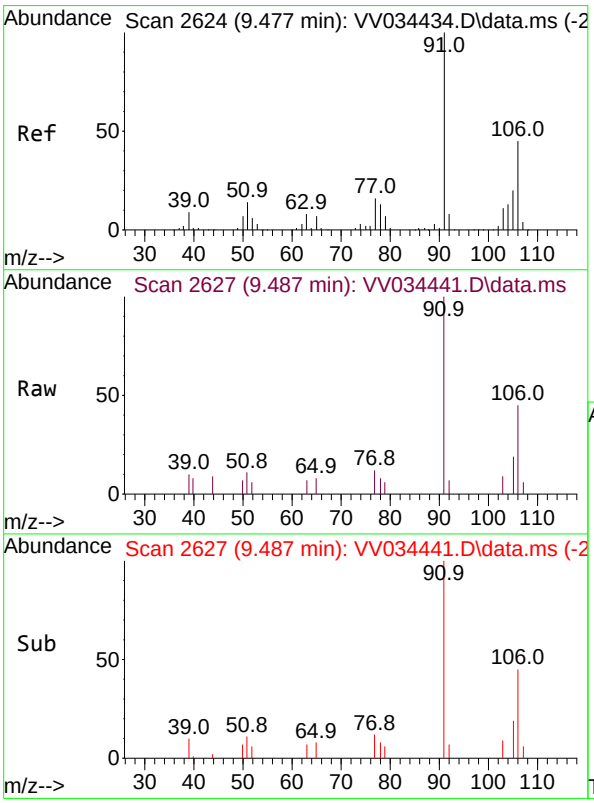
#53
m,p-Xylene
Concen: 0.119 ug/L
RT: 9.085 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1925

Ion	Ratio	Lower	Upper
106	100		
91	216.5	148.5	275.9





#54
o-Xylene
Concen: 0.125 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.009 min
Lab File: VV034441.D
Acq: 27 Feb 2024 11:59

Tgt Ion:106 Resp: 2010

Ion	Ratio	Lower	Upper
106	100		
91	222.0	155.8	289.3