Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022024\
Data File : VV034295.D
Acq On : 21 Feb 2024 01:53
Operator : SY/MD
Sample : P1511-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 21 04:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 21 04:37:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75355	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69066	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	34420	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23065	3.952	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.000%			
7) Chloroethane-d5	1.536	69	19366	3.788	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.800%			
11) 1,1-Dichloroethene-d2	2.060	65	10757	3.822	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.400%			
20) 2-Butanone-d5	3.841	46	39118	39.910	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.820%			
24) Chloroform-d	4.253	84	45563	4.296	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.000%			
26) 1,2-Dichloroethane-d4	4.947	65	22747	4.590	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	4.960	84	85440	4.123	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.400%			
36) 1,2-Dichloropropane-d6	5.989	67	24723	4.268	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.400%			
41) Toluene-d8	7.243	98	78341	4.114	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.200%			
43) trans-1,3-Dichloroprop...	7.561	79	6972	3.188	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 63.800%			
46) 2-Hexanone-d5	8.031	63	32894	42.130	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.260%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15604	4.444	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.800%			
66) 1,2-Dichlorobenzene-d4	11.561	152	28035	4.479	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	3305	0.459	ug/L #	1
8) Chloroethane	1.298	64	295651	60.210	ug/L #	52
14) Carbon disulfide	2.243	76	6315	0.371	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	147106	13.601	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	35738	6.665	ug/L	94
19) 1,1-Dichloroethane	3.114	63	1210	0.123	ug/L #	83
22) cis-1,2-Dichloroethene	3.825	96	3343	0.550	ug/L	93
35) Methylcyclohexane	5.992	83	6128	0.651	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3310	0.660	ug/L #	87
52) Ethylbenzene	8.957	91	1802	0.071	ug/L	93
53) m,p-Xylene	9.082	106	1560	0.162	ug/L	98
54) o-Xylene	9.487	106	928	0.100	ug/L	61
61) 1,2,3-Trichloropropane	11.182	75	4056	1.714	ug/L #	60

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

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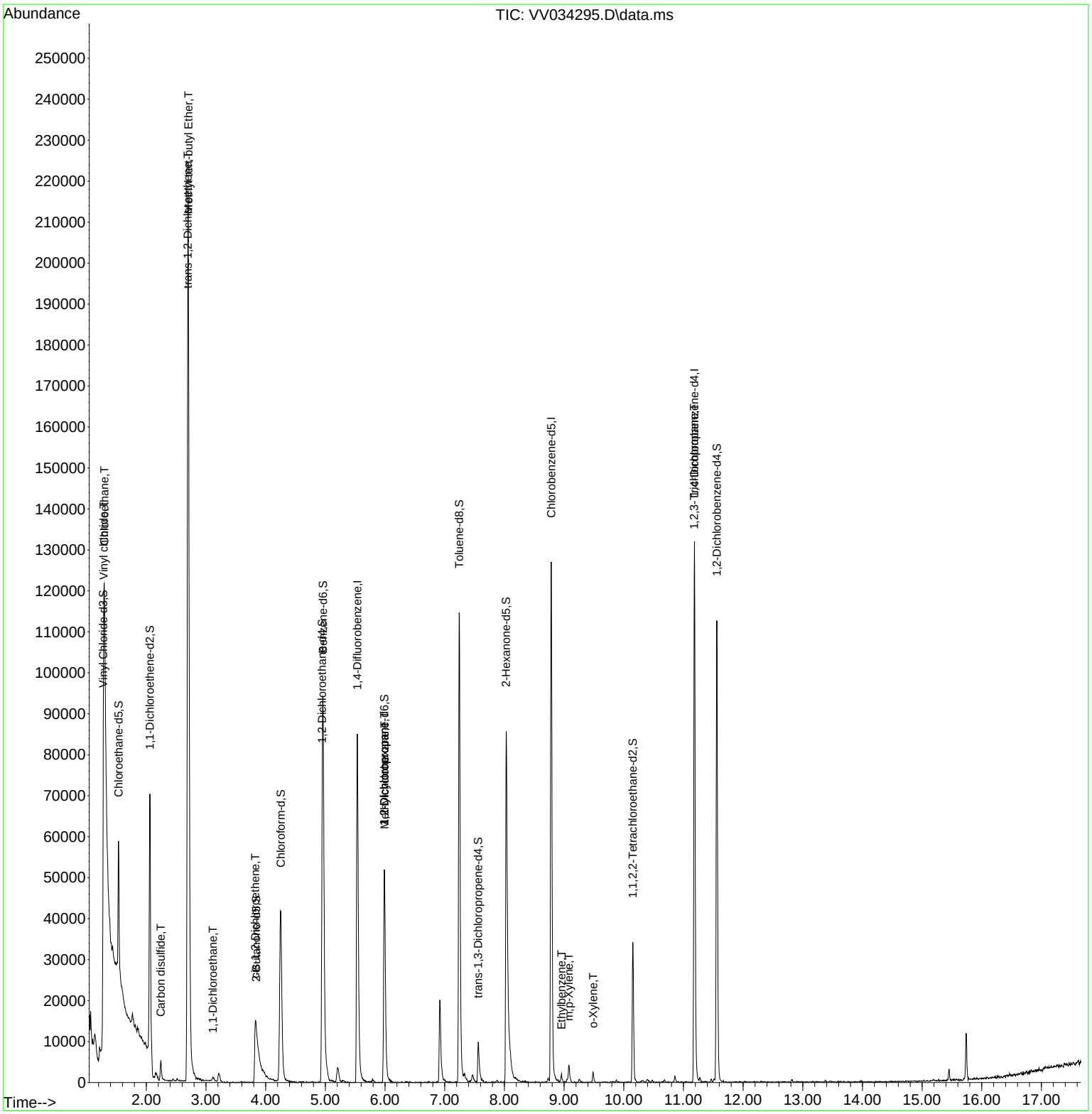
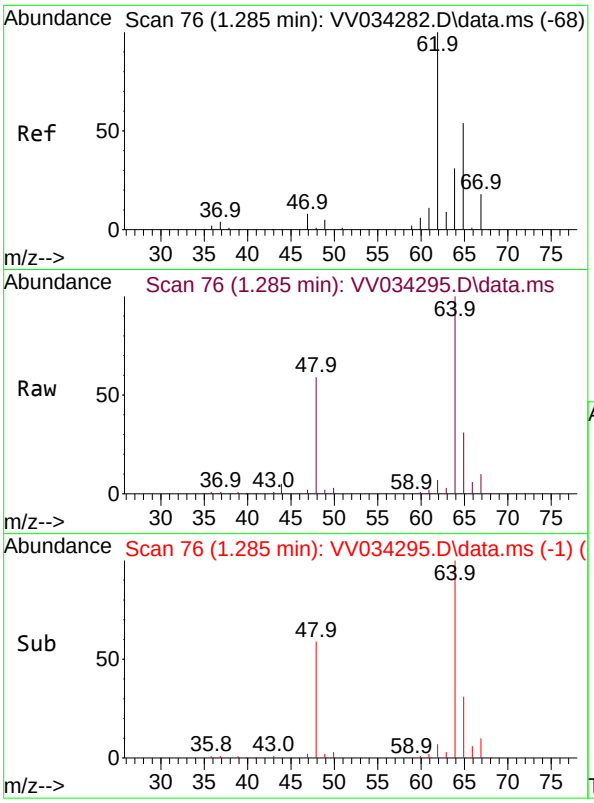
Quant Time: Feb 21 04:50:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 21 04:37:10 2024
Response via : Initial Calibration



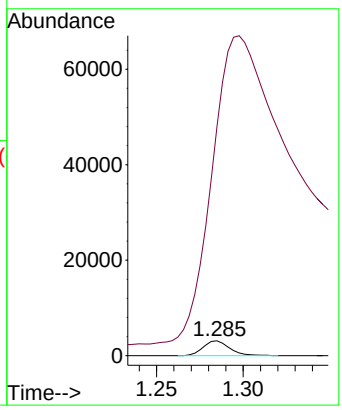


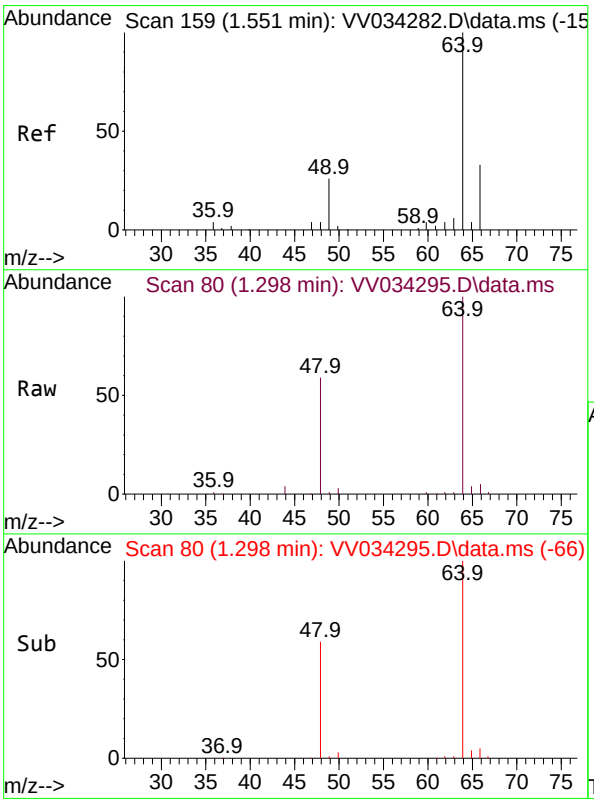
#5
Vinyl chloride
Concen: 0.459 ug/L
RT: 1.285 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 3305

Ion	Ratio	Lower	Upper
62	100		
64	1535.1	27.2	50.4#

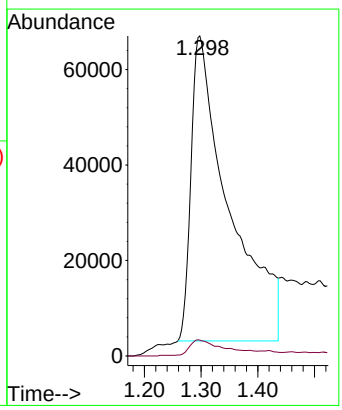


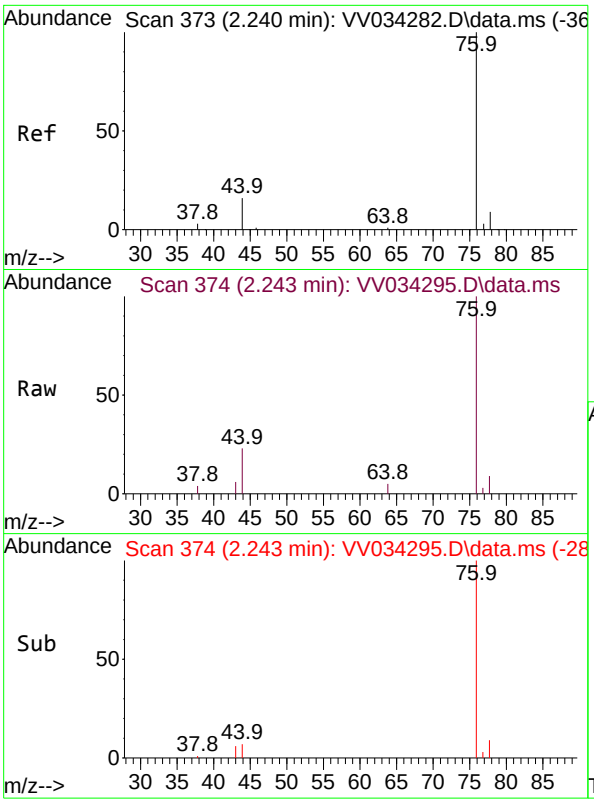


#8
Chloroethane
Concen: 60.210 ug/L
RT: 1.298 min Scan# 80
Delta R.T. -0.254 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Tgt Ion: 64 Resp: 295651

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.0	41.0#



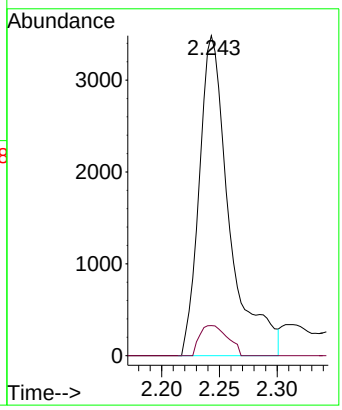


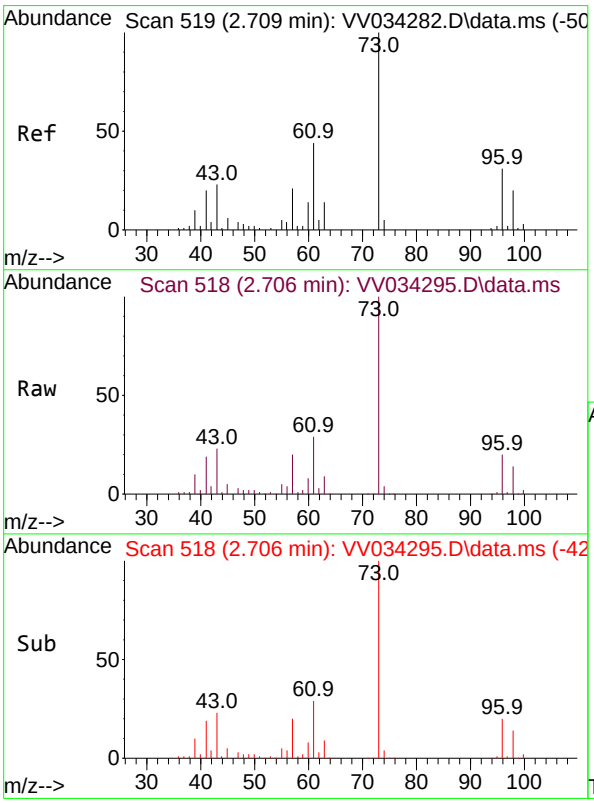
#14
Carbon disulfide
Concen: 0.371 ug/L
RT: 2.243 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 6315

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

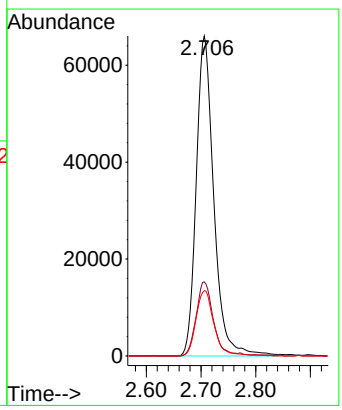


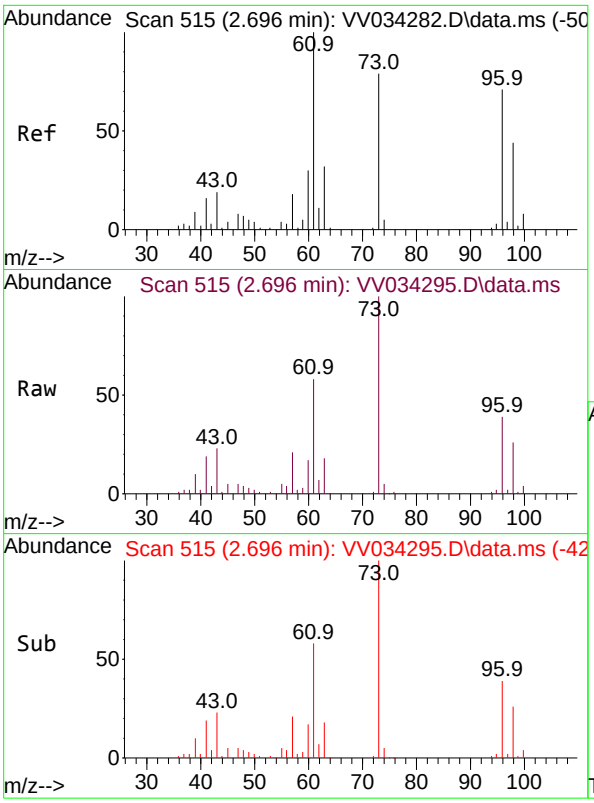


#17
Methyl tert-butyl Ether
Concen: 13.601 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Tgt Ion: 73 Resp: 147106

Ion	Ratio	Lower	Upper
73	100		
43	22.5	17.7	26.5
57	20.8	17.9	26.9



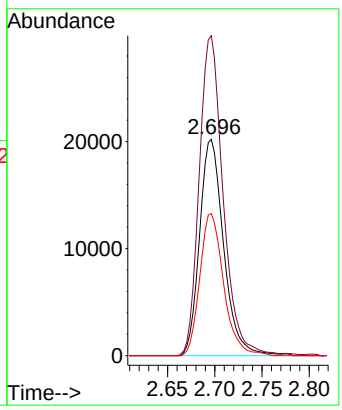


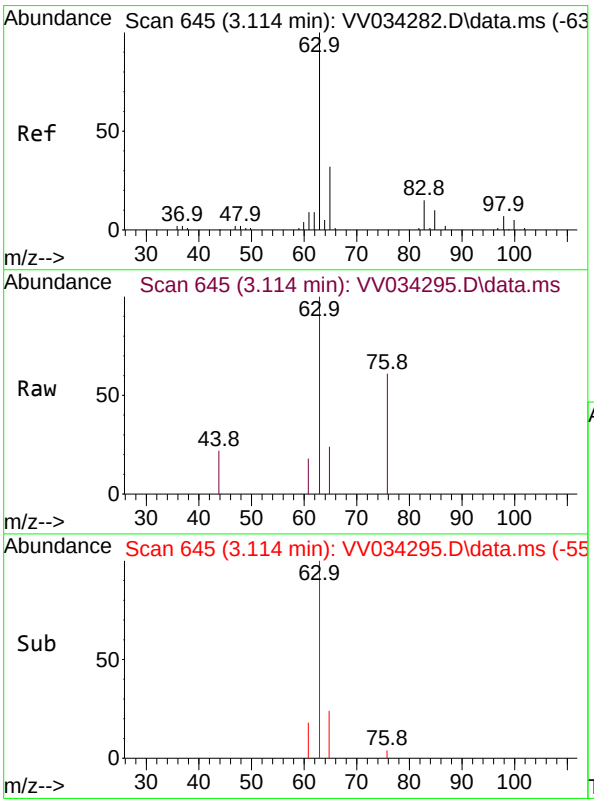
#18
trans-1,2-Dichloroethene
Concen: 6.665 ug/L
RT: 2.696 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 35738

Ion	Ratio	Lower	Upper
96	100		
61	147.9	97.6	181.4
98	65.7	44.4	82.5

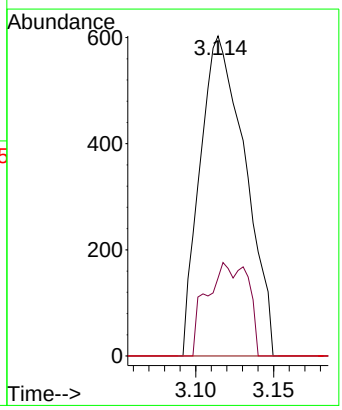


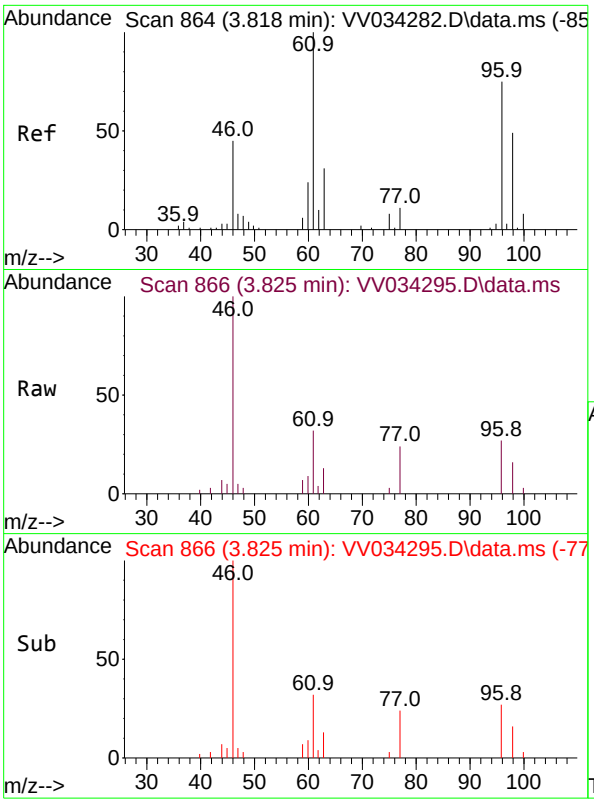


#19
1,1-Dichloroethane
Concen: 0.123 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Tgt Ion: 63 Resp: 1210

Ion	Ratio	Lower	Upper
63	100		
65	24.4	20.8	38.6
83	0.0	9.4	17.4#



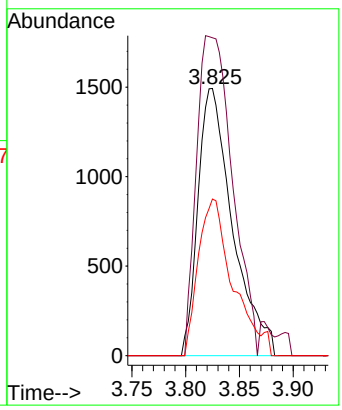


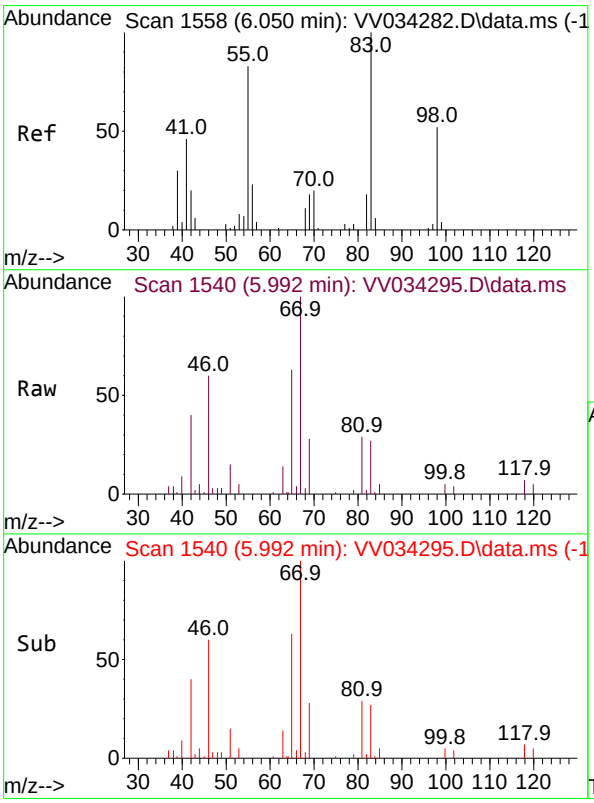
#22
cis-1,2-Dichloroethene
Concen: 0.550 ug/L
RT: 3.825 min Scan# 8
Delta R.T. 0.007 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 3343

Ion	Ratio	Lower	Upper
96	100		
61	119.0	90.3	167.7
98	58.6	43.2	80.2

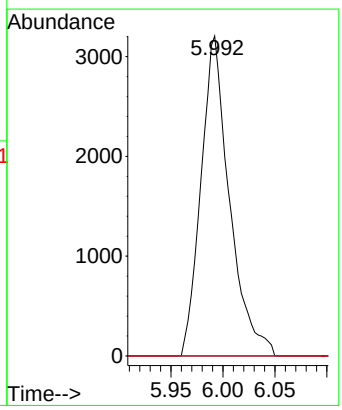


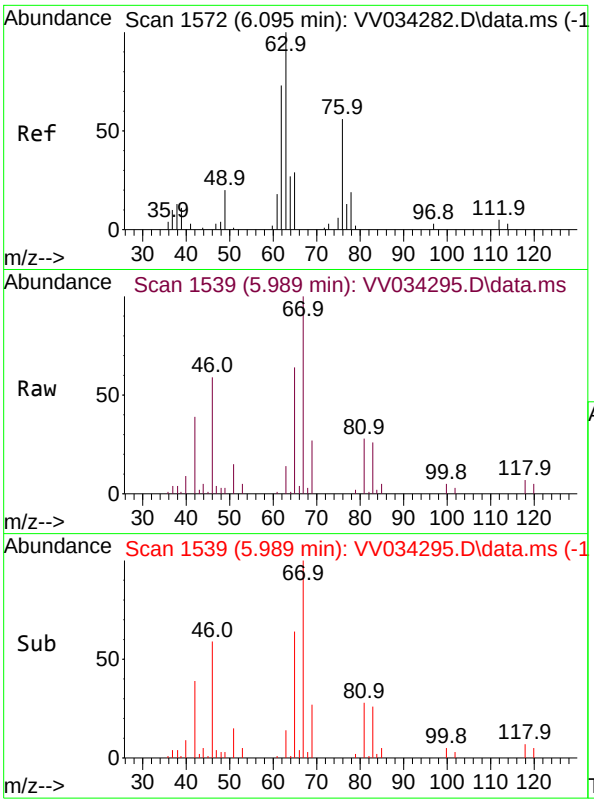


#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Tgt Ion: 83 Resp: 6128

Ion	Ratio	Lower	Upper
83	100		
55	0.7	63.5	95.3#
98	0.0	39.0	58.4#



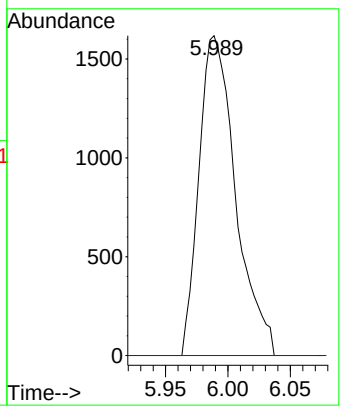


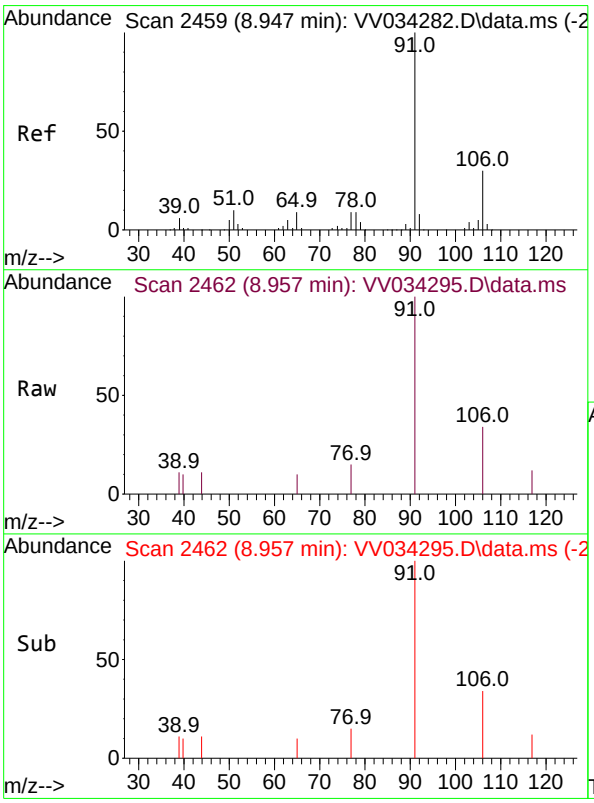
#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 5.989 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3310

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

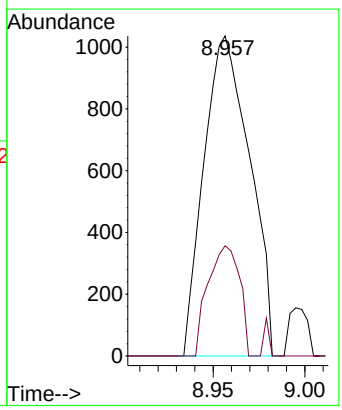


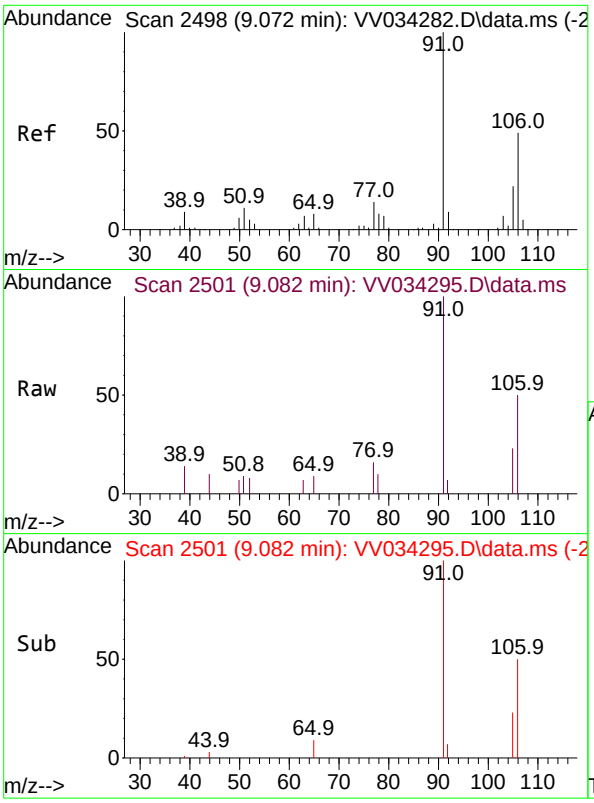


#52
Ethylbenzene
Concen: 0.071 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Tgt Ion: 91 Resp: 1802

Ion	Ratio	Lower	Upper
91	100		
106	34.5	21.4	39.8



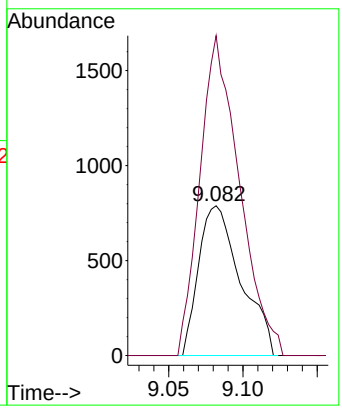


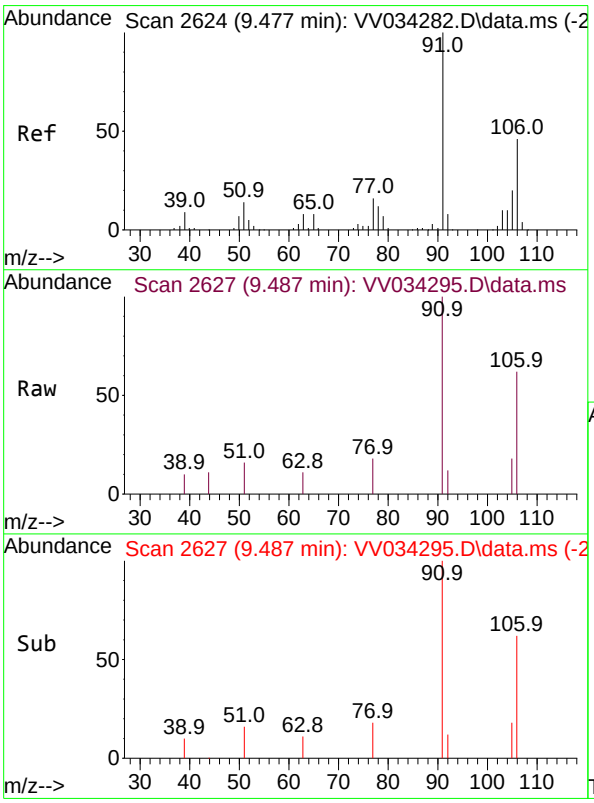
#53
m,p-Xylene
Concen: 0.162 ug/L
RT: 9.082 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1560

Ion	Ratio	Lower	Upper
106	100		
91	213.4	147.5	273.9

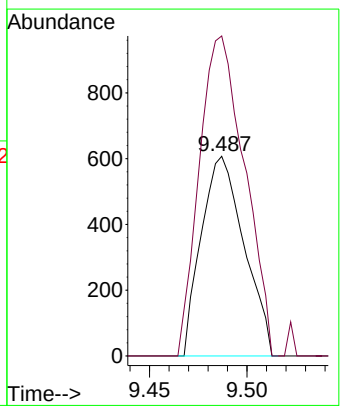


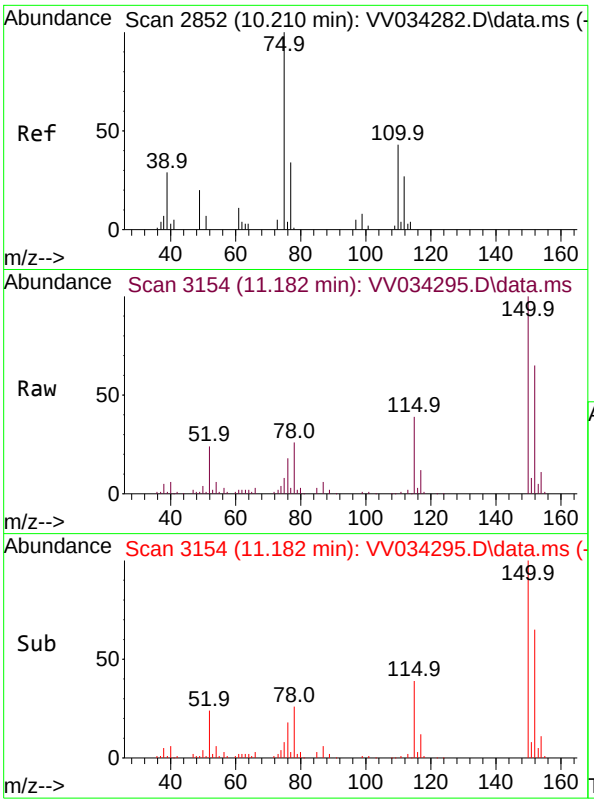


#54
o-Xylene
Concen: 0.100 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Tgt Ion:106 Resp: 928

Ion	Ratio	Lower	Upper
106	100		
91	160.3	156.2	290.0





#61
1,2,3-Trichloropropane
Concen: 1.714 ug/L
RT: 11.182 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4056

Ion	Ratio	Lower	Upper
75	100		
77	37.6	26.9	40.3
110	0.0	33.3	49.9#