Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032263.D
Acq On : 05 Oct 2023 18:12
Operator : SY/MD
Sample : 04748-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 06 01:31:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	89433	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	93945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	43940	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31170	4.285	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.800%			
7) Chloroethane-d5	1.535	69	28718	4.864	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.063	65	12776	4.165	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	3.796	46	94829	51.539	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.080%			
24) Chloroform-d	4.256	84	60419	4.709	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
26) 1,2-Dichloroethane-d4	4.947	65	30784	5.065	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
32) Benzene-d6	4.966	84	118515	4.287	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%			
36) 1,2-Dichloropropane-d6	5.995	67	43321	4.730	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.600%			
41) Toluene-d8	7.249	98	106585	4.217	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.400%			
43) trans-1,3-Dichloroprop...	7.561	79	13574	4.182	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.600%			
46) 2-Hexanone-d5	8.030	63	71370	46.738	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.480%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30532	4.766	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.400%			
66) 1,2-Dichlorobenzene-d4	11.564	152	40681	4.989	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	721	0.075	ug/L #	12
12) 1,1-Dichloroethene	2.072	96	2810	0.428	ug/L #	1
18) trans-1,2-Dichloroethene	2.696	96	118172	15.729	ug/L	99
19) 1,1-Dichloroethane	3.121	63	4857	0.344	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	851866	105.307	ug/L	97
34) Trichloroethene	5.834	95	344001	38.098	ug/L	98
35) Methylcyclohexane	5.992	83	9342	0.669	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	4390	0.496	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	5395	1.154	ug/L #	65

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

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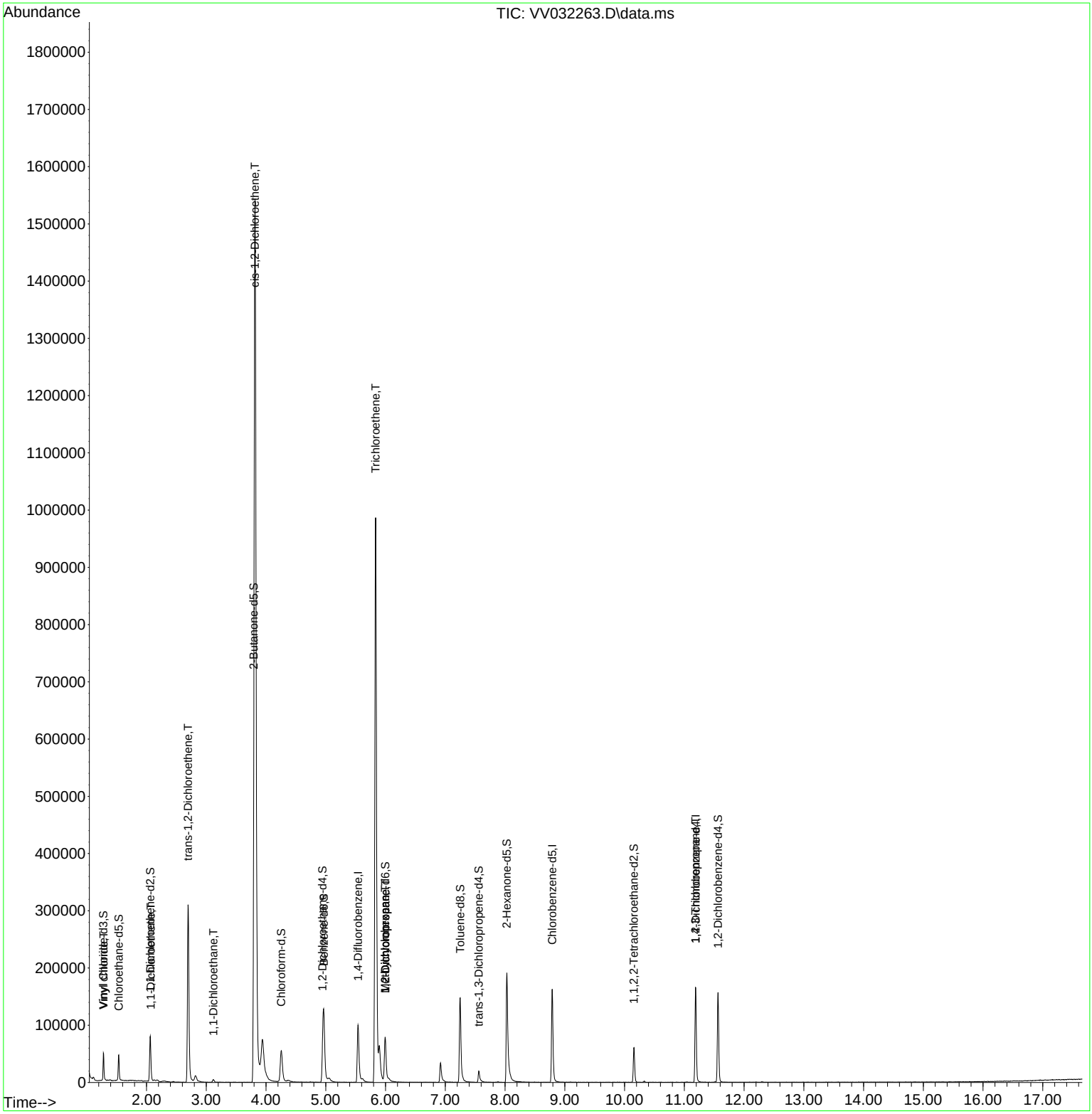
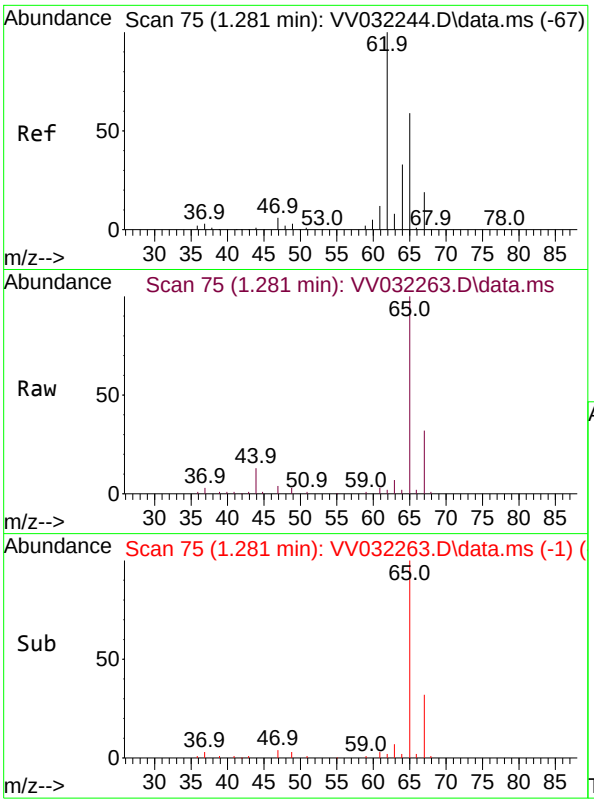
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration



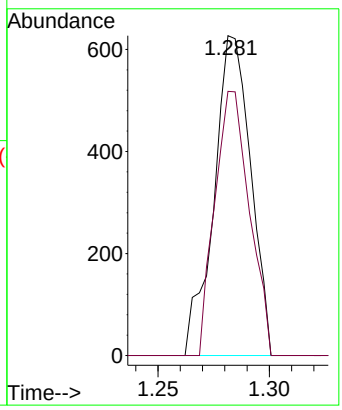


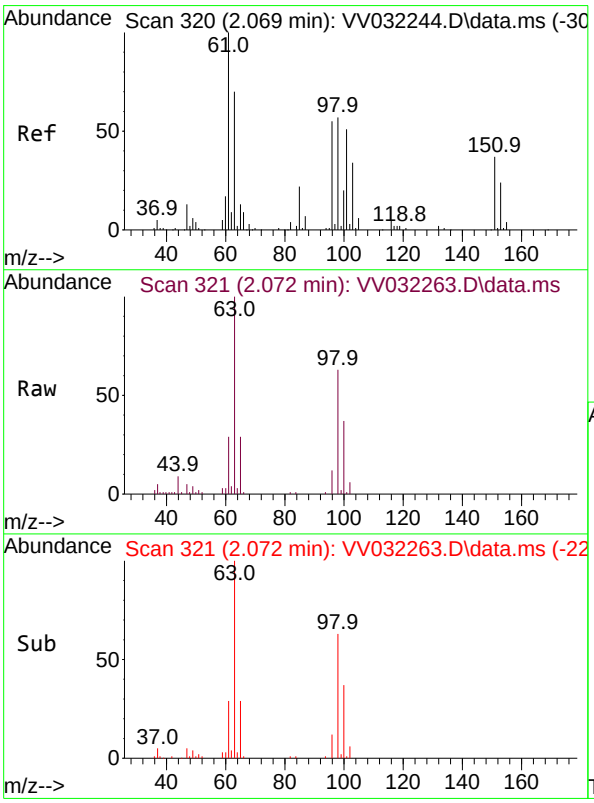
#5
Vinyl chloride
Concen: 0.075 ug/L
RT: 1.281 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV032263.D
Acq: 05 Oct 2023 18:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 721

Ion	Ratio	Lower	Upper
62	100		
64	82.6	23.1	42.9#

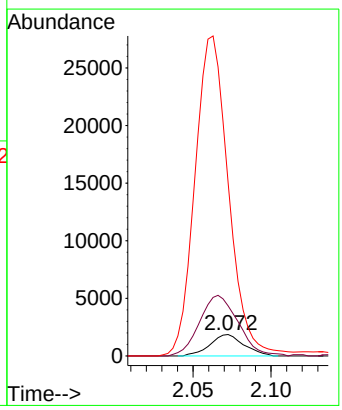


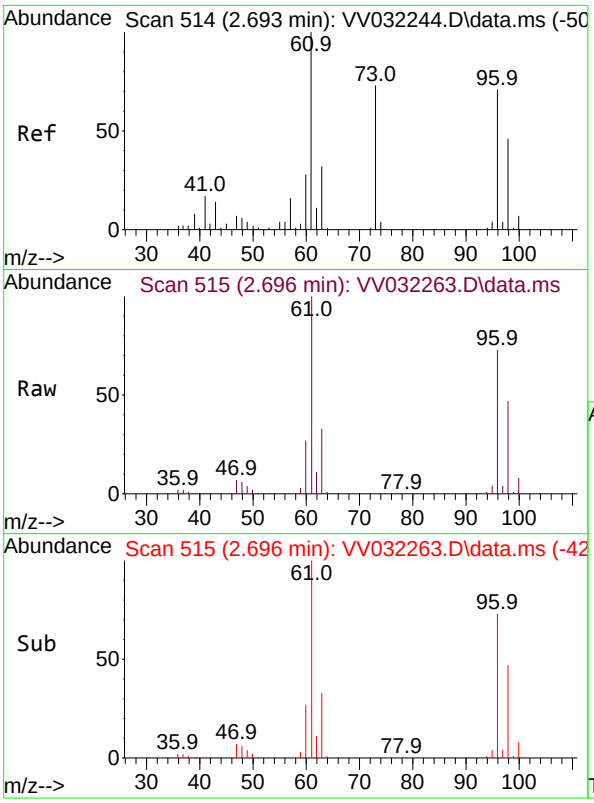


#12
1,1-Dichloroethene
Concen: 0.428 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV032263.D
Acq: 05 Oct 2023 18:12

Tgt Ion: 96 Resp: 2810

Ion	Ratio	Lower	Upper
96	100		
61	233.4	127.3	236.3
63	808.4	98.3	182.7#



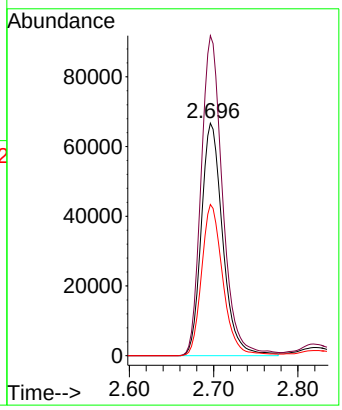


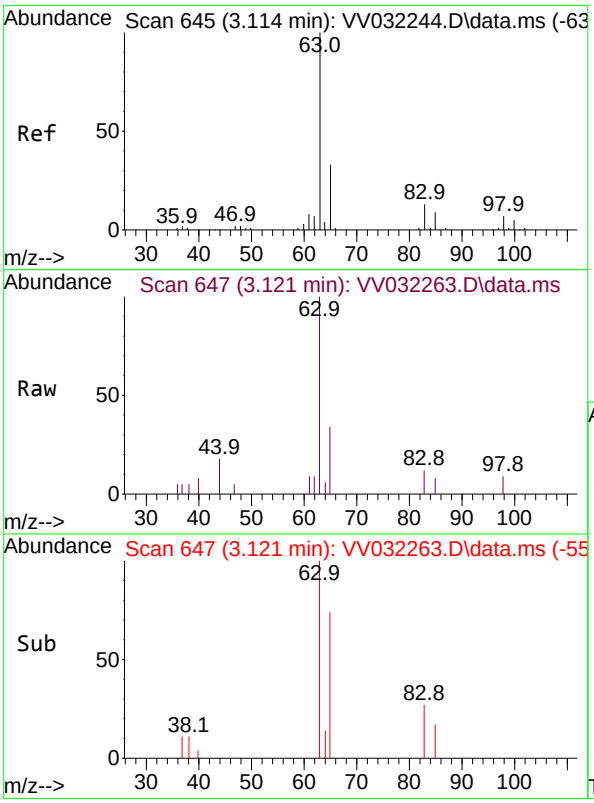
#18
trans-1,2-Dichloroethene
Concen: 15.729 ug/L
RT: 2.696 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV032263.D
Acq: 05 Oct 2023 18:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 118172

Ion	Ratio	Lower	Upper
96	100		
61	137.7	96.9	180.1
98	65.0	45.3	84.1

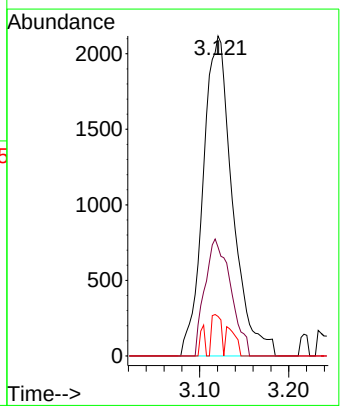


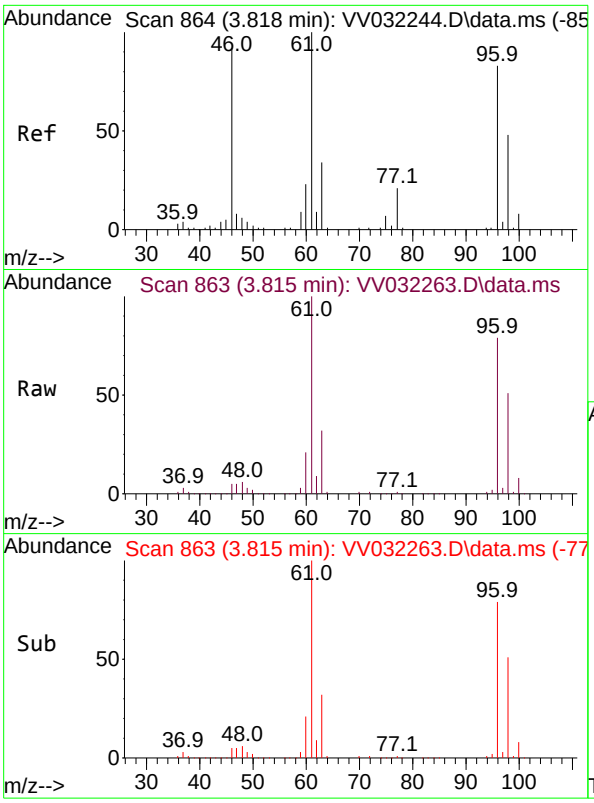


#19
1,1-Dichloroethane
Concen: 0.344 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.006 min
Lab File: VV032263.D
Acq: 05 Oct 2023 18:12

Tgt Ion: 63 Resp: 4857

Ion	Ratio	Lower	Upper
63	100		
65	34.0	22.3	41.5
83	12.3	9.0	16.6



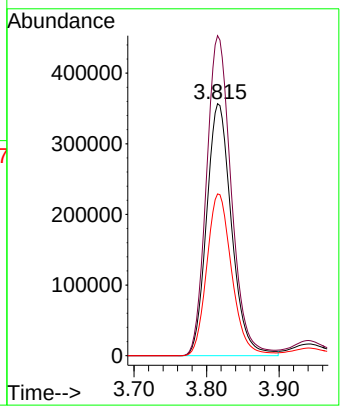


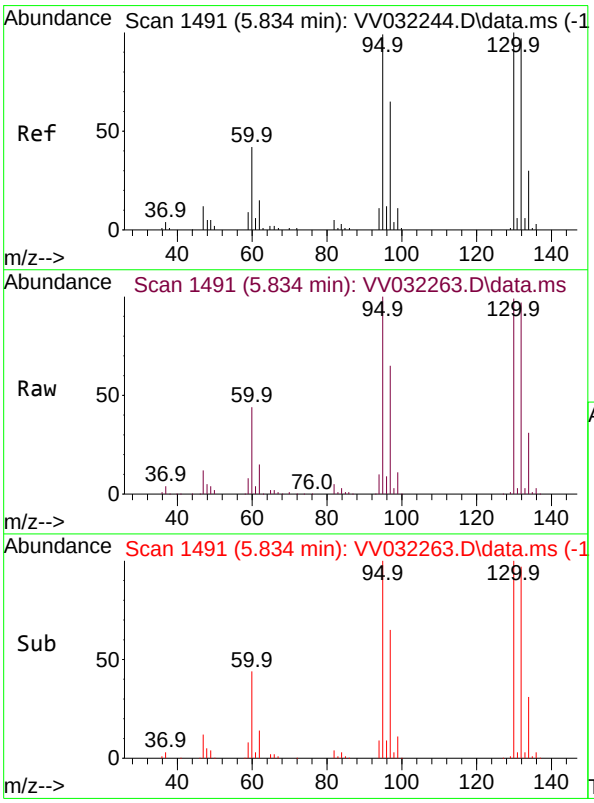
#22
cis-1,2-Dichloroethene
Concen: 105.307 ug/L
RT: 3.815 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV032263.D
Acq: 05 Oct 2023 18:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 851866

Ion	Ratio	Lower	Upper
96	100		
61	127.0	85.8	159.4
98	64.2	44.0	81.6

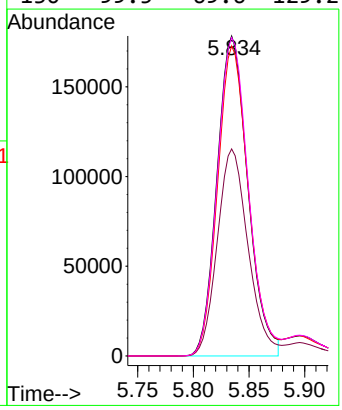


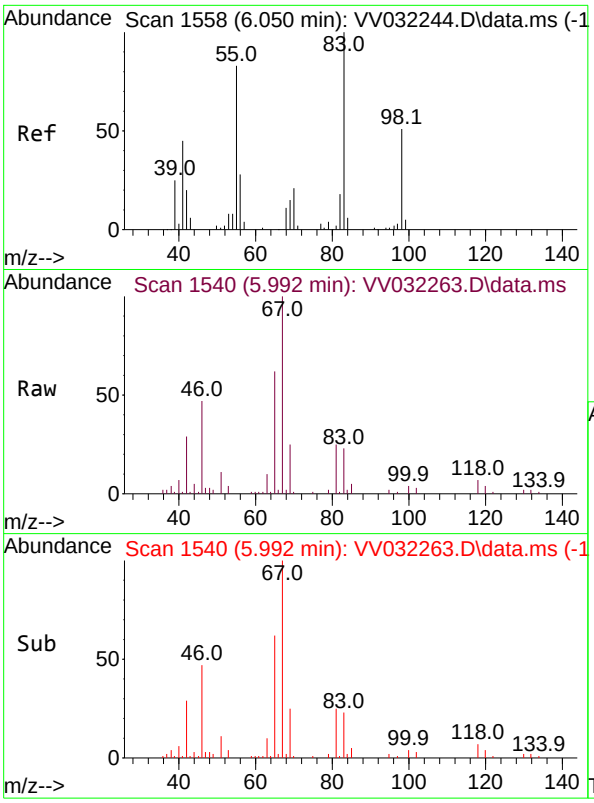


#34
Trichloroethene
Concen: 38.098 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032263.D
Acq: 05 Oct 2023 18:12

Tgt Ion: 95 Resp: 344001

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.7	84.9
132	96.9	70.3	130.5
130	99.5	69.6	129.2



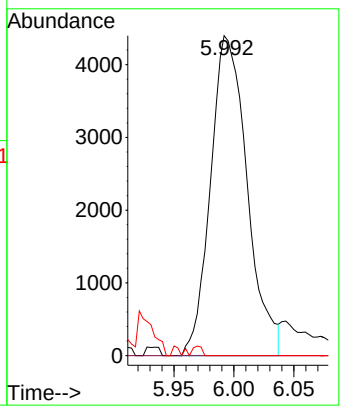


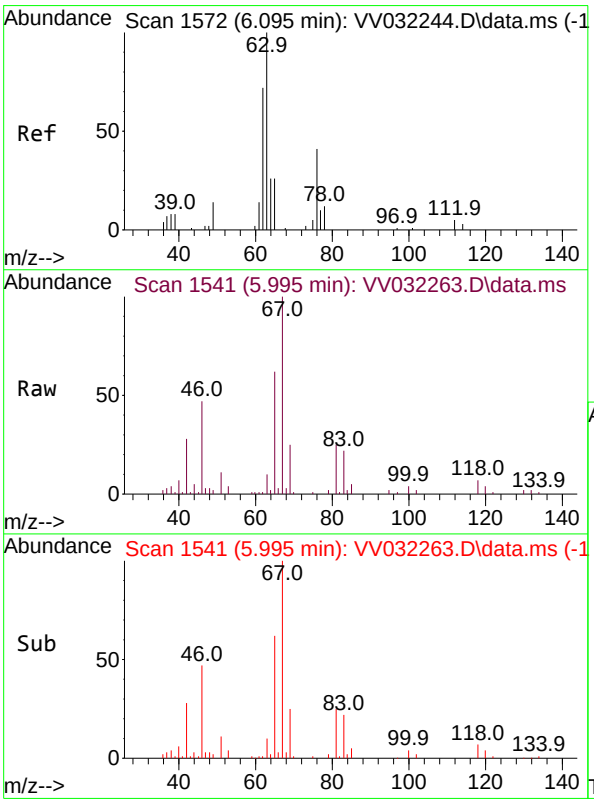
#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 5.992 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV032263.D
Acq: 05 Oct 2023 18:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 9342

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.2	96.2#
98	5.6	39.6	59.4#

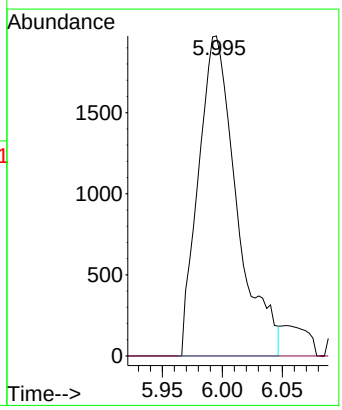


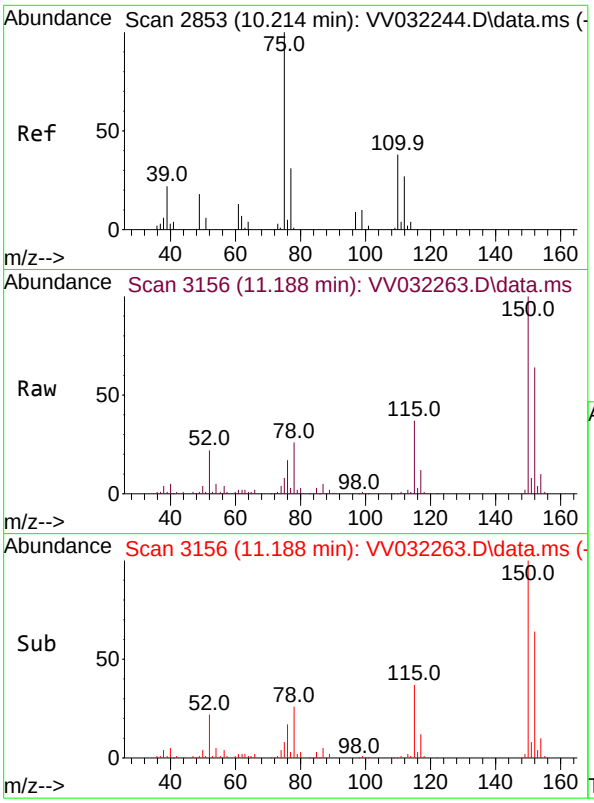


#37
1,2-Dichloropropane
Concen: 0.496 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.100 min
Lab File: VV032263.D
Acq: 05 Oct 2023 18:12

Tgt Ion: 63 Resp: 4390

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#61
1,2,3-Trichloropropane
Concen: 1.154 ug/L
RT: 11.188 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV032263.D
Acq: 05 Oct 2023 18:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5395

Ion	Ratio	Lower	Upper
75	100		
77	34.5	26.2	39.2
110	0.8	30.6	46.0#