Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060723\
Data File : VV031416.D
Acq On : 07 Jun 2023 22:43
Operator : SY/MD
Sample : 03076-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0F92

Quant Time: Jun 08 05:45:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 08 05:16:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	245433	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	250727	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	120023	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	94341	43.688	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.380%			
7) Chloroethane-d5	1.532	69	82415	47.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.280%			
11) 1,1-Dichloroethene-d2	2.063	65	46481	45.417	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.840%			
21) 2-Butanone-d5	3.799	46	143432	91.909	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.910%			
24) Chloroform-d	4.256	84	192699	46.913	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.820%			
26) 1,2-Dichloroethane-d4	4.947	65	134775	48.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.820%			
32) Benzene-d6	4.966	84	345142	46.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.260%			
36) 1,2-Dichloropropane-d6	5.995	67	123871	48.142	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.280%			
41) Toluene-d8	7.249	98	303535	44.637	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.280%			
43) trans-1,3-Dichloroprop...	7.558	79	56028	43.228	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.460%			
47) 2-Hexanone-d5	8.034	63	74699	77.081	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.080%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	146090	44.990	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.980%			
66) 1,2-Dichlorobenzene-d4	11.567	152	115950	52.078	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.160%			
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1137	1.424	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1474	0.991	ug/L #	27
12) 1,1-Dichloroethene	2.069	96	2581	2.636	ug/L #	1
17) trans-1,2-Dichloroethene	2.703	96	1375	1.481	ug/L	77
20) cis-1,2-Dichloroethene	3.831	96	9711	6.434	ug/L	88
30) 1,1,1-Trichloroethane	4.523	97	10191	3.443	ug/L	94
34) Trichloroethene	5.838	95	147455	84.600	ug/L	99
39) cis-1,3-Dichloropropene	6.915	75	3642	1.224	ug/L	83
44) trans-1,3-Dichloropropene	7.558	75	2790	0.925	ug/L	91

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

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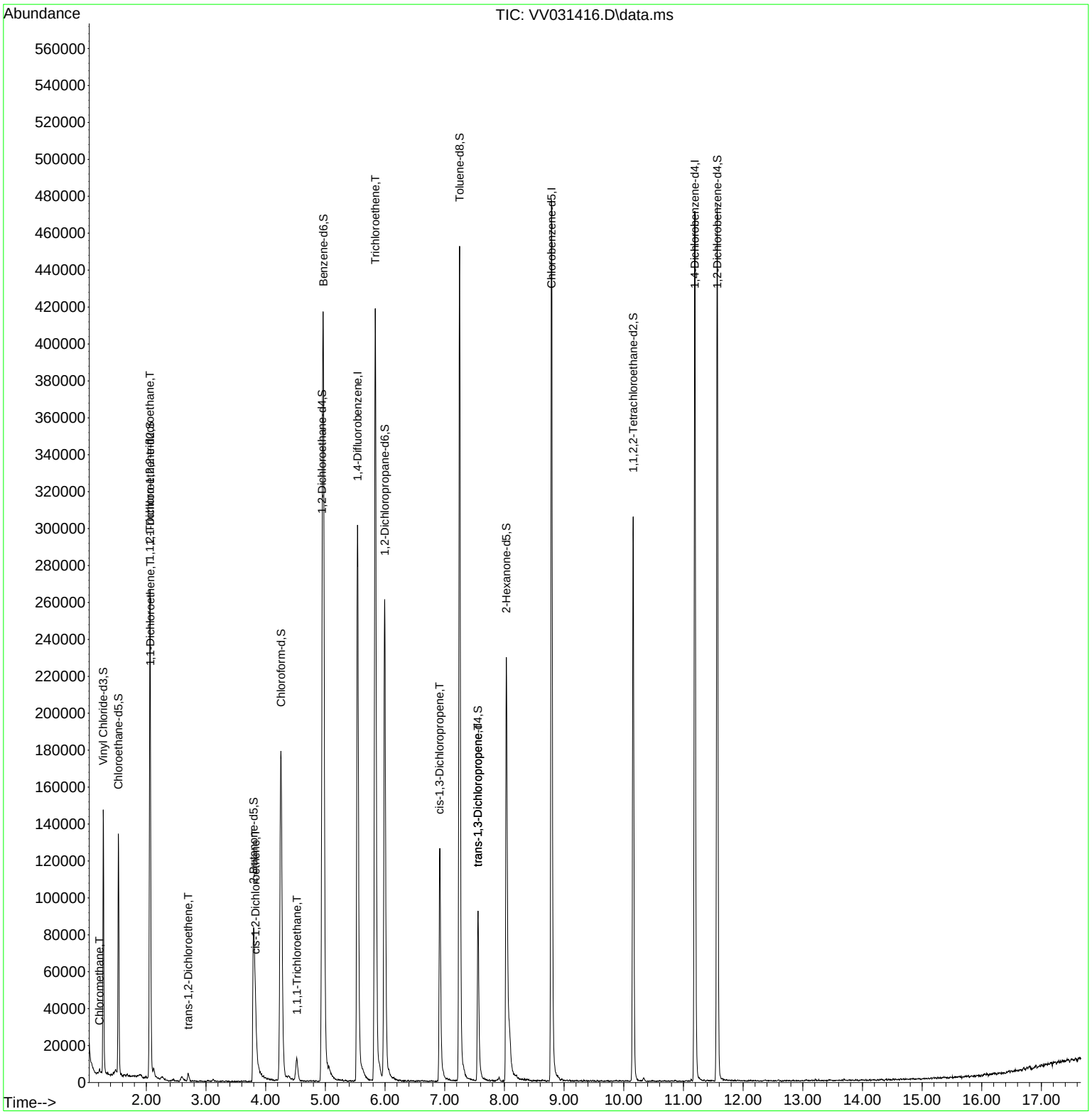
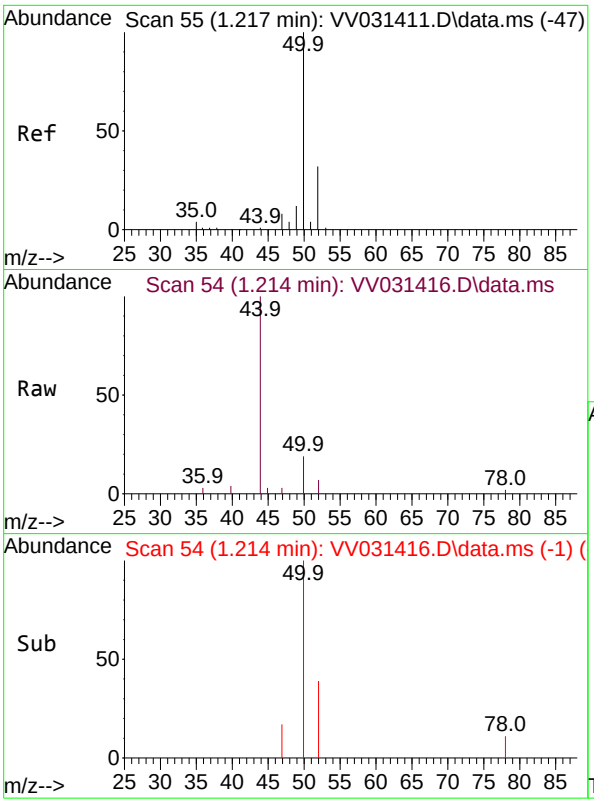
Quant Title : VOC Analysis
QLast Update : Thu Jun 08 05:16:53 2023
Response via : Initial Calibration



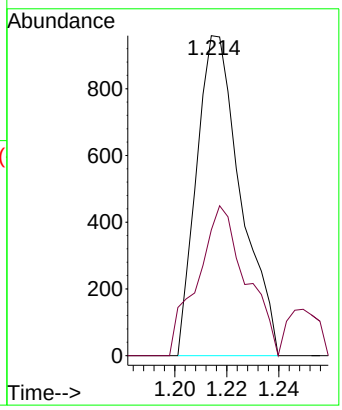


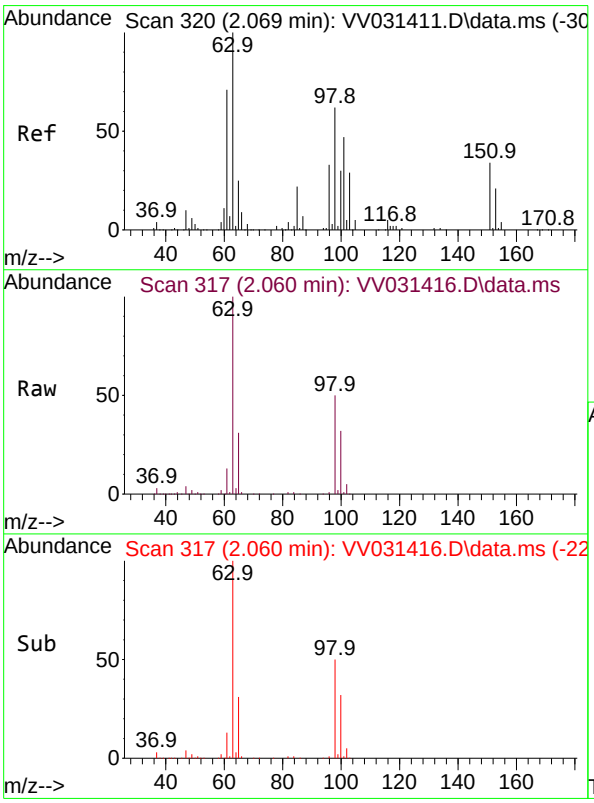
#3
Chloromethane
Concen: 1.424 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV031416.D
Acq: 07 Jun 2023 22:43

Instrument :
MSVOA_V
ClientSampleId :
C0F92

Tgt Ion: 50 Resp: 1137

Ion	Ratio	Lower	Upper
50	100		
52	39.3	21.9	40.7

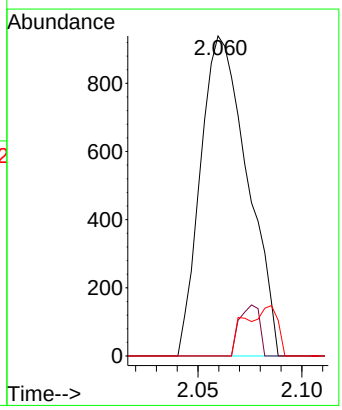


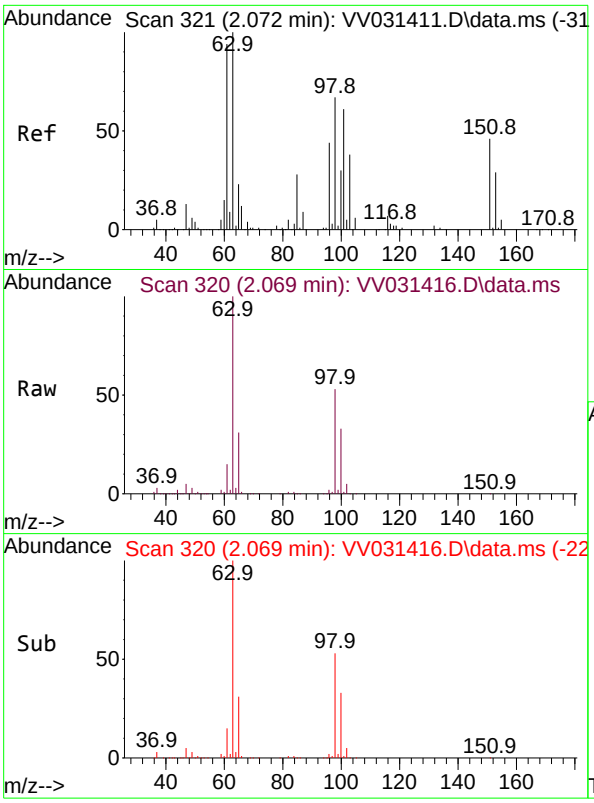


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.991 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV031416.D
Acq: 07 Jun 2023 22:43

Tgt Ion:101 Resp: 1474

Ion	Ratio	Lower	Upper
101	100		
85	6.9	37.3	55.9#
151	4.3	57.8	86.6#



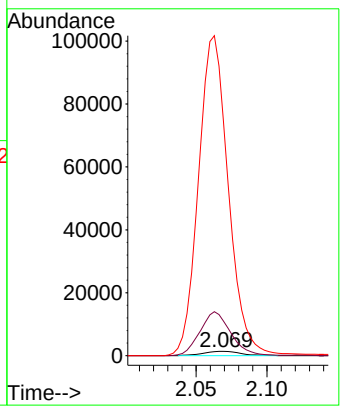


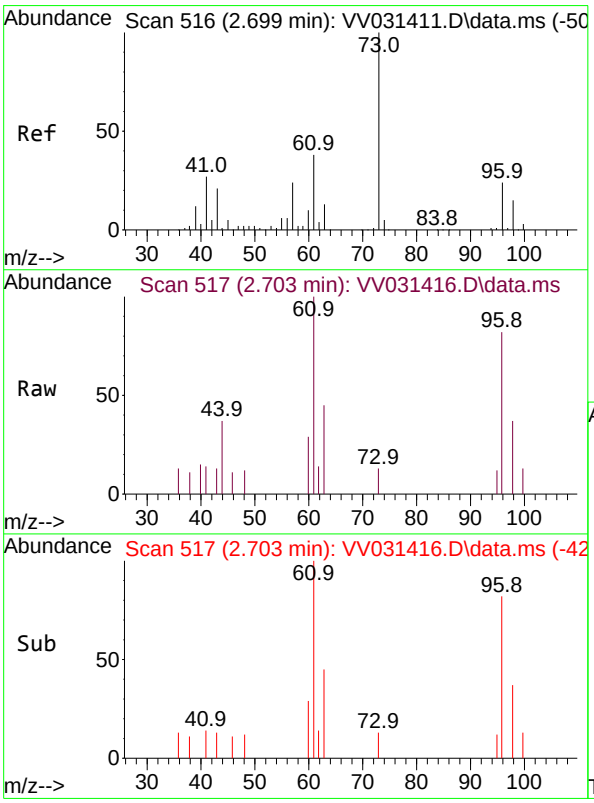
#12
1,1-Dichloroethene
Concen: 2.636 ug/L
RT: 2.069 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV031416.D
Acq: 07 Jun 2023 22:43

Instrument :
MSVOA_V
ClientSampleId :
C0F92

Tgt Ion: 96 Resp: 2581

Ion	Ratio	Lower	Upper
96	100		
61	800.7	143.9	267.3#
63	5407.4	158.3	293.9#

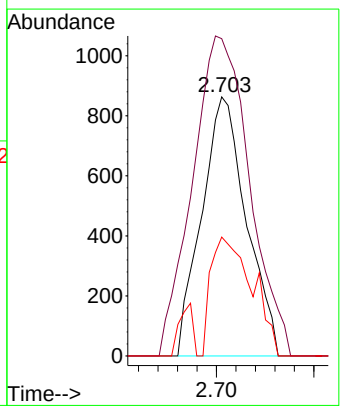


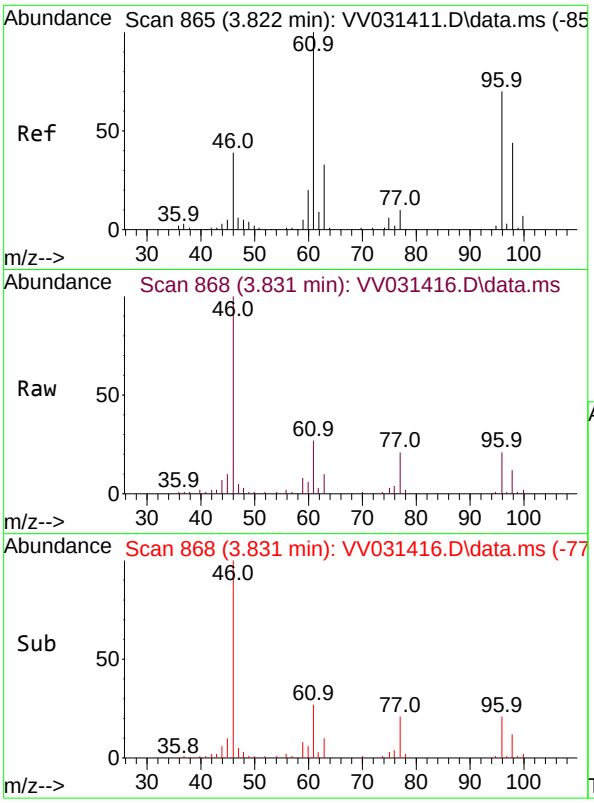


#17
trans-1,2-Dichloroethene
Concen: 1.481 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV031416.D
Acq: 07 Jun 2023 22:43

Tgt Ion: 96 Resp: 1375

Ion	Ratio	Lower	Upper
96	100		
61	122.5	106.9	198.5
98	45.9	44.9	83.3



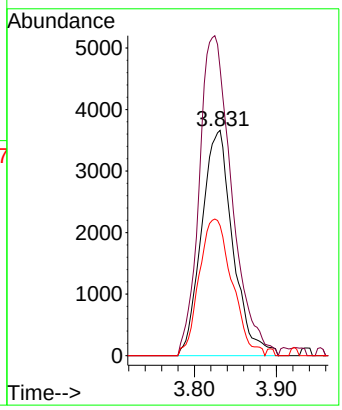


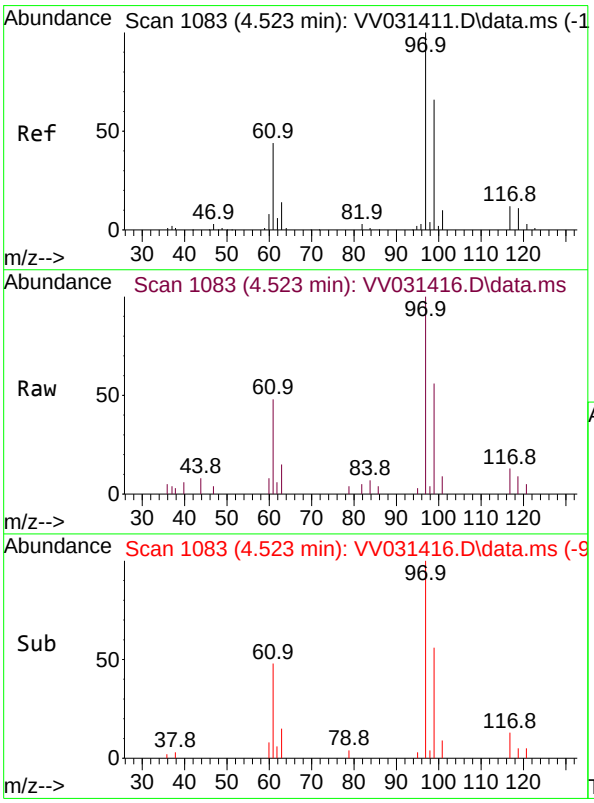
#20
cis-1,2-Dichloroethene
Concen: 6.434 ug/L
RT: 3.831 min Scan# 8
Delta R.T. 0.010 min
Lab File: VV031416.D
Acq: 07 Jun 2023 22:43

Instrument :
MSVOA_V
ClientSampleId :
C0F92

Tgt Ion: 96 Resp: 9711

Ion	Ratio	Lower	Upper
96	100		
61	127.5	101.6	188.6
98	57.7	44.4	82.4

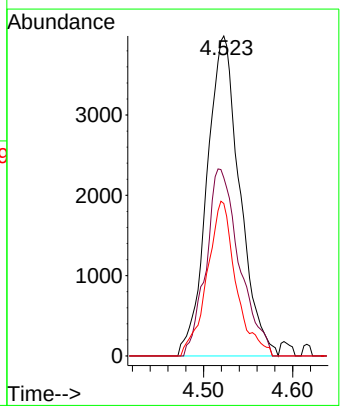


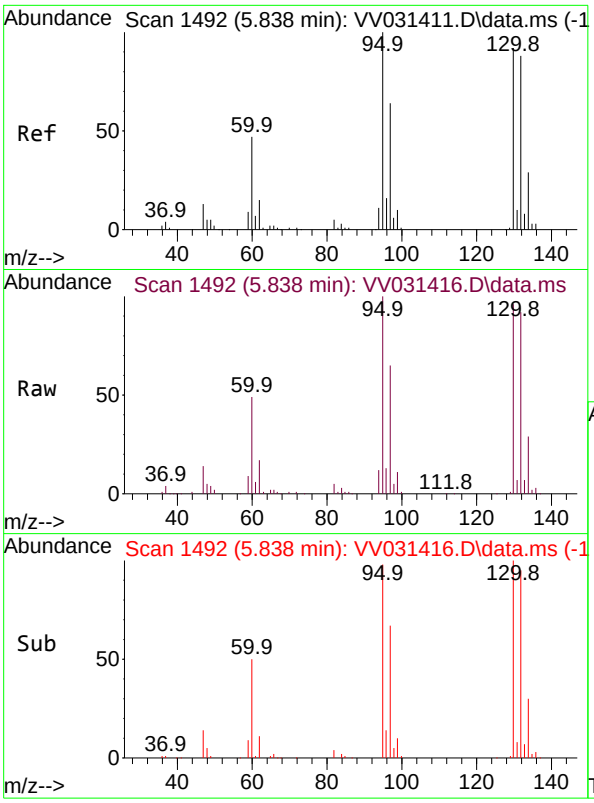


#30
1,1,1-Trichloroethane
Concen: 3.443 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VV031416.D
Acq: 07 Jun 2023 22:43

Tgt Ion: 97 Resp: 10191

Ion	Ratio	Lower	Upper
97	100		
99	59.2	51.9	77.9
61	42.8	36.1	54.1



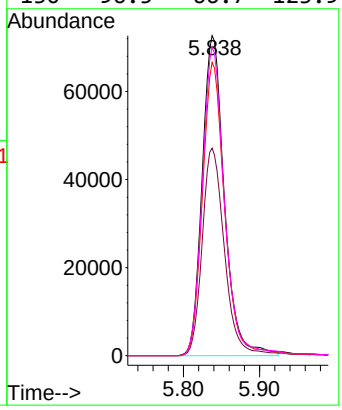


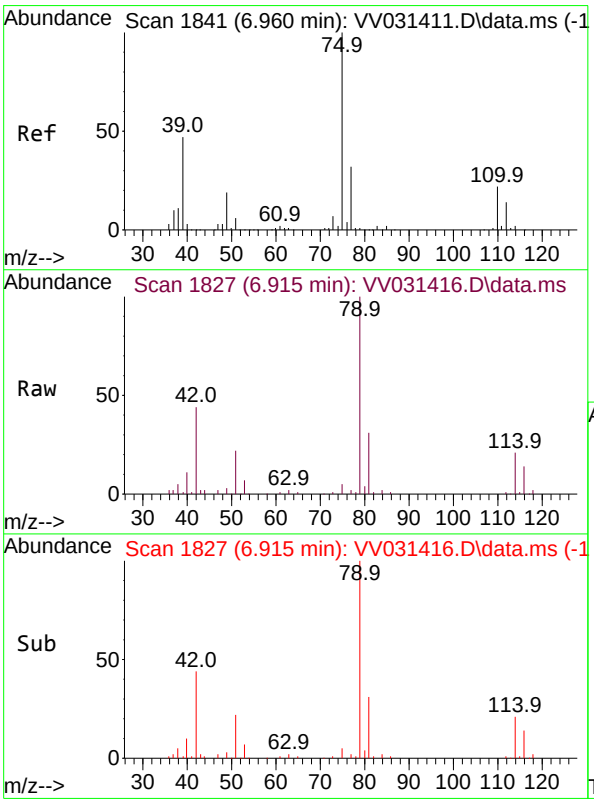
#34
Trichloroethene
Concen: 84.600 ug/L
RT: 5.838 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV031416.D
Acq: 07 Jun 2023 22:43

Instrument :
MSVOA_V
ClientSampleId :
C0F92

Tgt Ion: 95 Resp: 147455

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.2	82.0
132	91.6	64.2	119.2
130	96.5	66.7	123.9

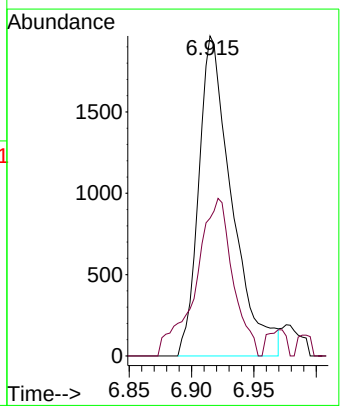


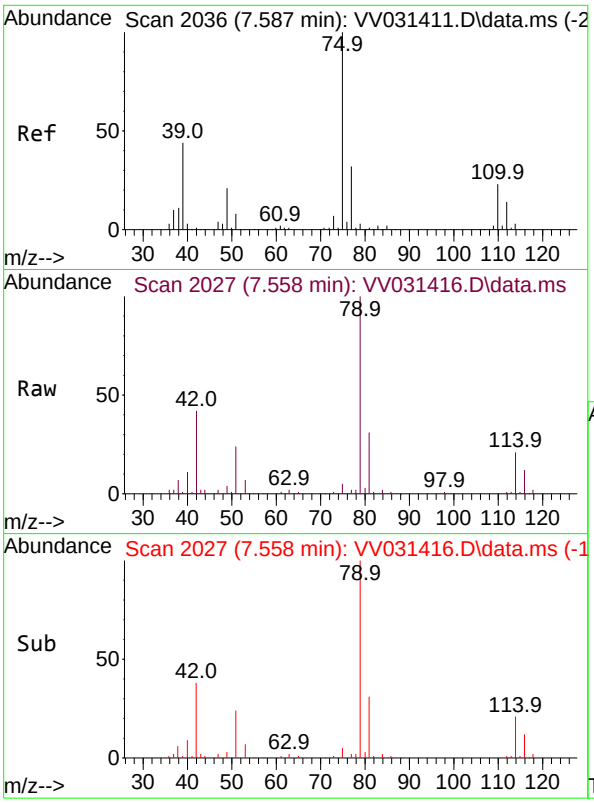


#39
cis-1,3-Dichloropropene
Concen: 1.224 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.045 min
Lab File: VV031416.D
Acq: 07 Jun 2023 22:43

Tgt Ion: 75 Resp: 3642

Ion	Ratio	Lower	Upper
75	100		
77	43.1	23.2	43.2





#44
trans-1,3-Dichloropropene
Concen: 0.925 ug/L
RT: 7.558 min Scan# 2
Delta R.T. -0.029 min
Lab File: VV031416.D
Acq: 07 Jun 2023 22:43

Instrument :
MSVOA_V
ClientSampleId :
C0F92

Tgt Ion: 75 Resp: 2790

Ion	Ratio	Lower	Upper
75	100		
77	36.7	22.2	41.2