Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
Data File : VV027228.D
Acq On : 05 Aug 2022 16:32
Operator : SY/MD
Sample : N4021-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 06 04:00:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 03:57:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	317784	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	309895	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	120164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	160016	73.856	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 147.720%#			
7) Chloroethane-d5	1.558	69	112726	71.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 142.340%#			
11) 1,1-Dichloroethene-d2	2.098	63	187609	47.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.680%			
21) 2-Butanone-d5	3.870	46	214291	111.117	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.120%			
24) Chloroform-d	4.343	84	243640	54.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.800%			
26) 1,2-Dichloroethane-d4	5.027	65	170852	62.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 124.020%			
32) Benzene-d6	5.043	84	510257	68.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 137.320%#			
36) 1,2-Dichloropropane-d6	6.066	67	180665	68.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 136.680%#			
41) Toluene-d8	7.313	98	419639	66.247	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 132.500%#			
43) trans-1,3-Dichloroprop...	7.619	79	69254	60.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 120.200%			
47) 2-Hexanone-d5	8.085	63	135600	106.502	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.500%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	233819	54.276	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.560%			
66) 1,2-Dichlorobenzene-d4	11.622	152	147200	70.936	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 141.880%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	2190111	680.740	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1559	0.681	ug/L #	21
12) 1,1-Dichloroethene	2.108	96	5706	2.591	ug/L #	1
17) trans-1,2-Dichloroethene	2.751	96	48909	20.072	ug/L	92
20) cis-1,2-Dichloroethene	3.902	96	757641	299.312	ug/L	85
29) Cyclohexane	4.670	56	40027	11.215	ug/L	88
33) Benzene	5.098	78	38610	3.877	ug/L	100
35) Methylcyclohexane	6.127	83	31725	8.461	ug/L #	79
48) 2-Hexanone	8.085	43	20223	6.380	ug/L #	66

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

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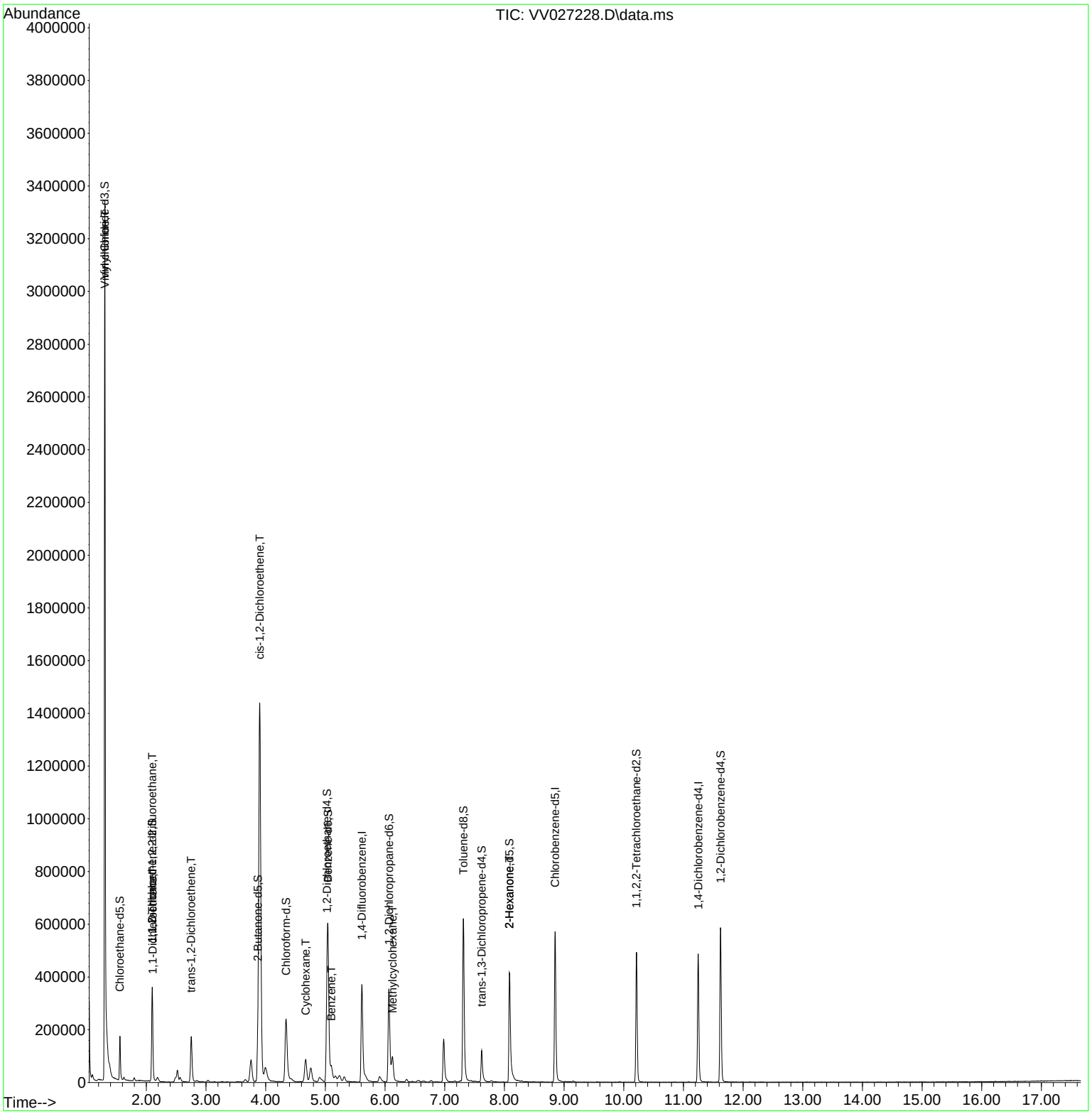
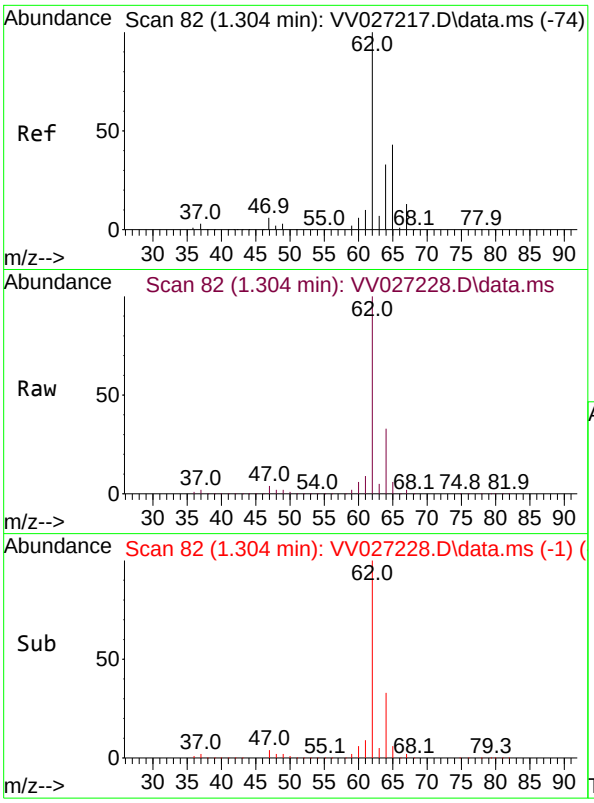
Sample : N4021-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 06 04:00:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 03:57:43 2022
Response via : Initial Calibration



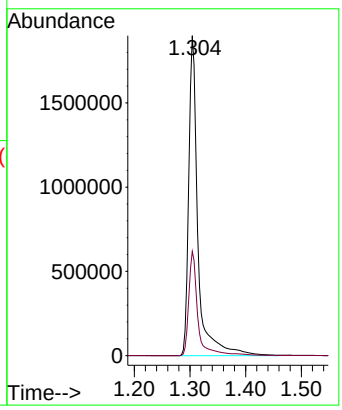


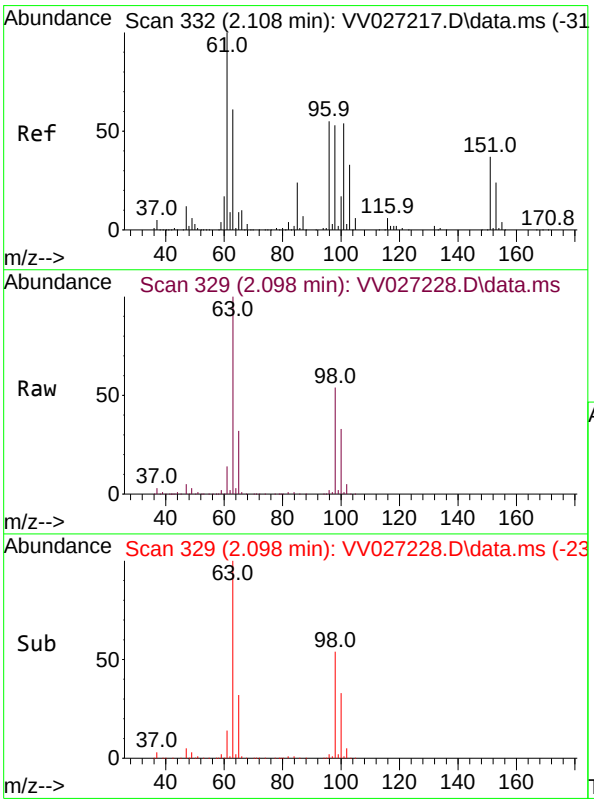
#5
Vinyl chloride
Concen: 680.740 ug/L
RT: 1.304 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 2190111

Ion	Ratio	Lower	Upper
62	100		
64	32.6	23.2	43.2

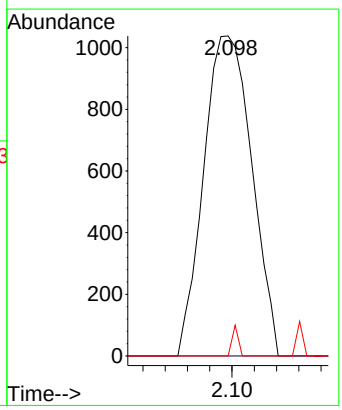


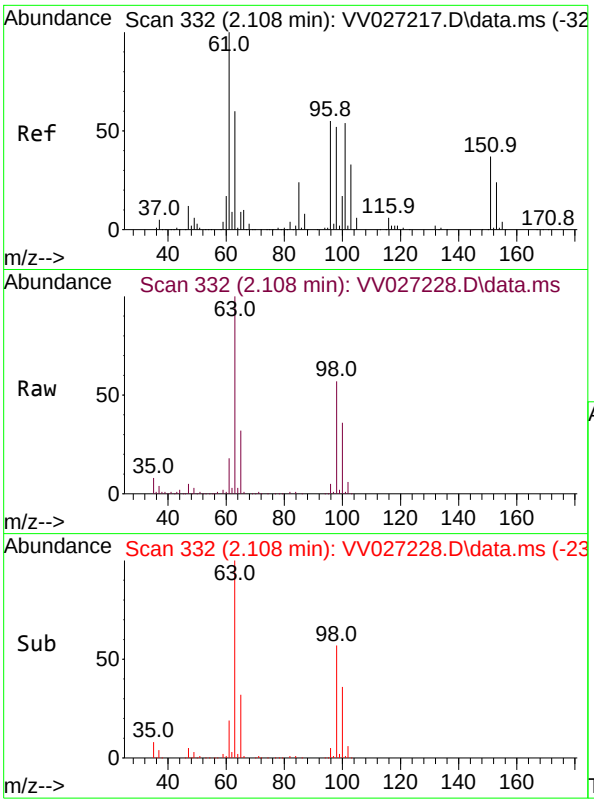


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.681 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.010 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Tgt Ion:101 Resp: 1559

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	57.8	86.8#



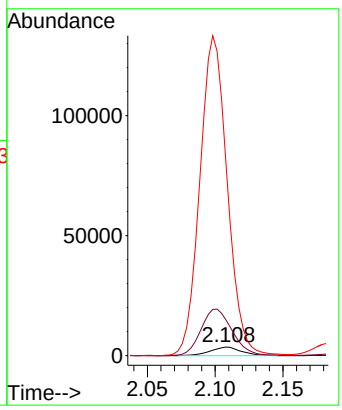


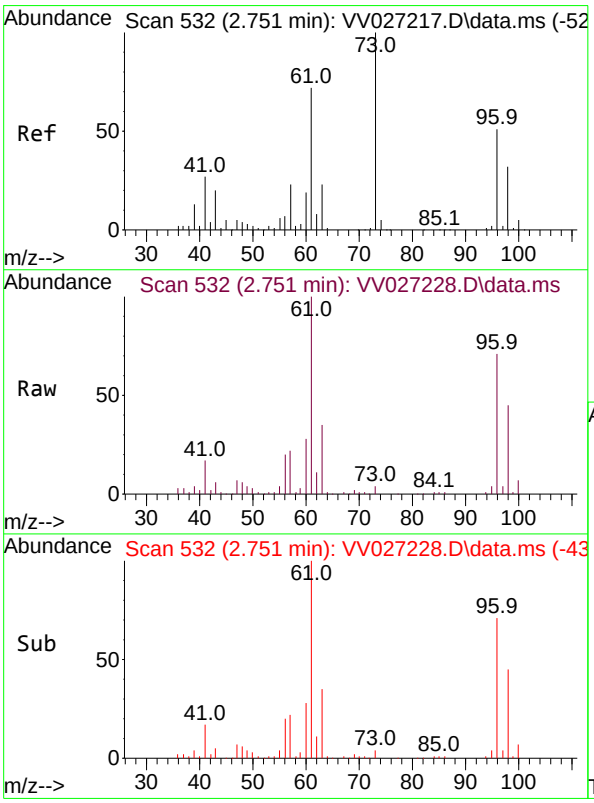
#12
1,1-Dichloroethene
Concen: 2.591 ug/L
RT: 2.108 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 5706

Ion	Ratio	Lower	Upper
96	100		
61	410.7	114.3	212.3#
63	2221.1	93.4	173.4#

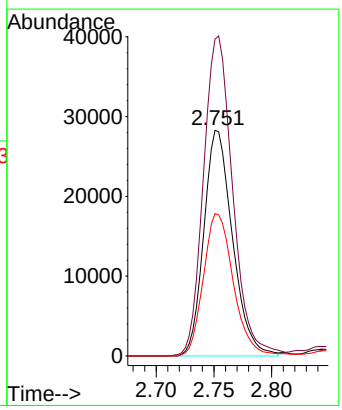


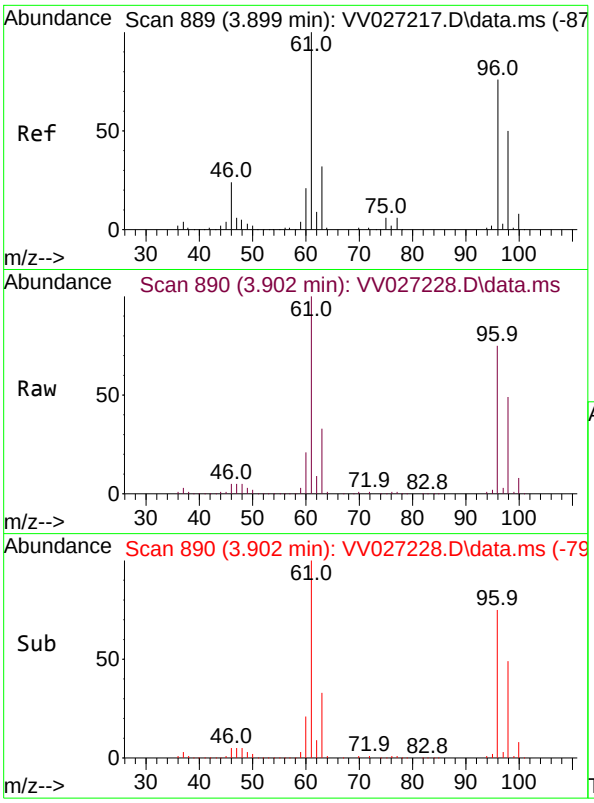


#17
trans-1,2-Dichloroethene
Concen: 20.072 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Tgt Ion: 96 Resp: 48909

Ion	Ratio	Lower	Upper
96	100		
61	140.4	89.2	165.6
98	63.1	44.6	82.8



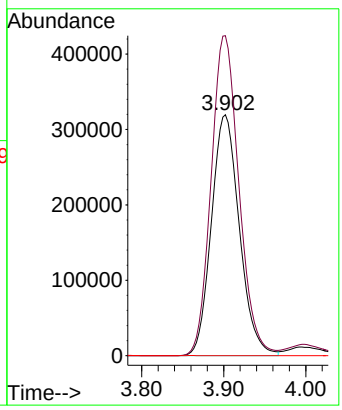


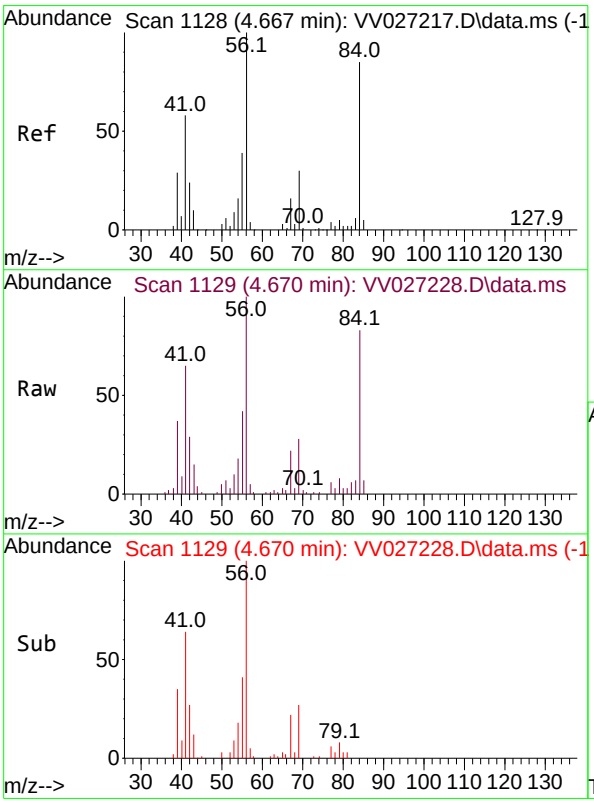
#20
cis-1,2-Dichloroethene
Concen: 299.312 ug/L
RT: 3.902 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 757641

Ion	Ratio	Lower	Upper
96	100		
61	132.8	81.8	151.8
68	0.0	0.0	0.0

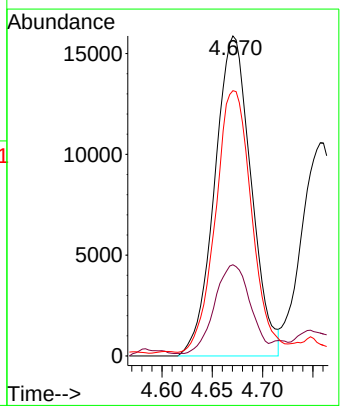


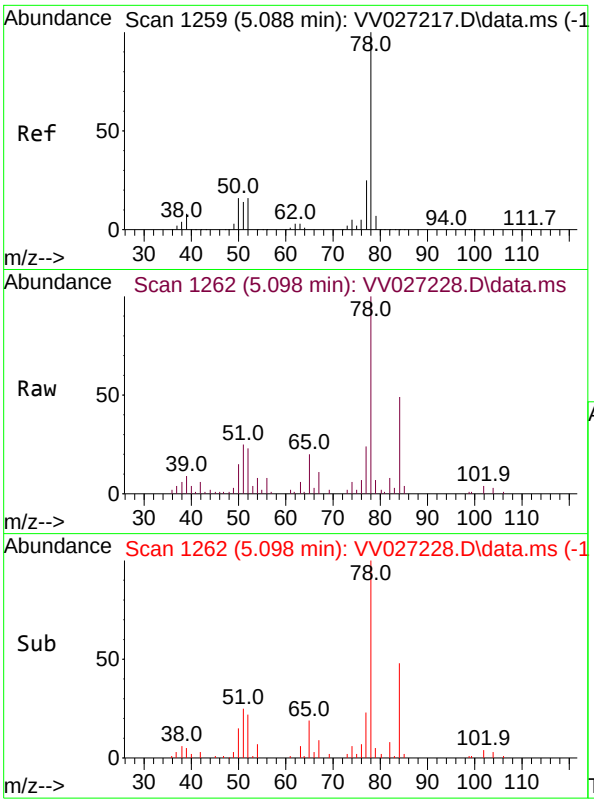


#29
Cyclohexane
Concen: 11.215 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Tgt Ion: 56 Resp: 40027

Ion	Ratio	Lower	Upper
56	100		
69	27.2	25.9	38.9
84	81.4	75.3	112.9

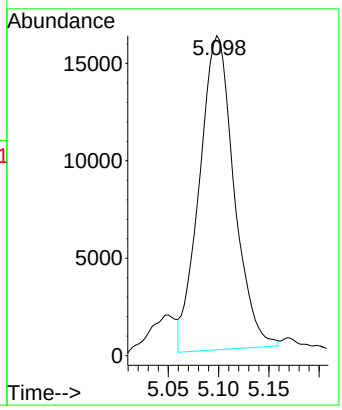


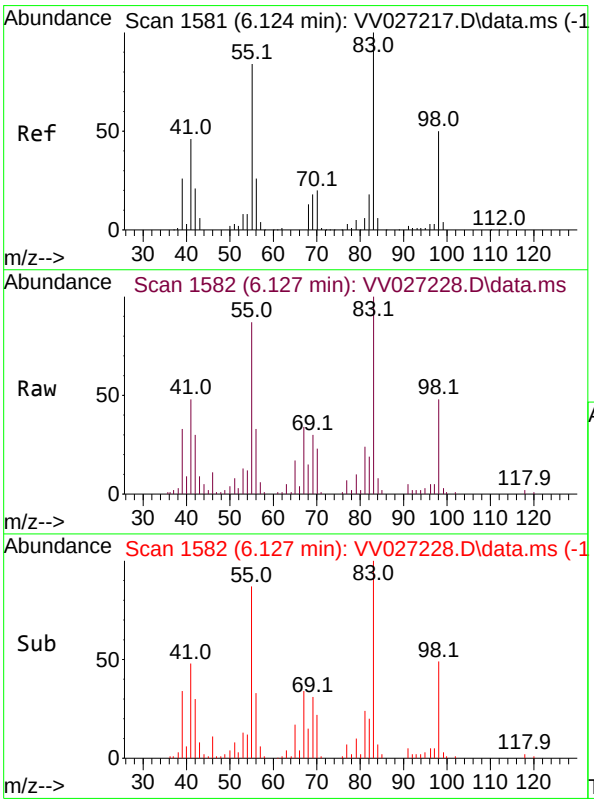


#33
Benzene
Concen: 3.877 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 38610

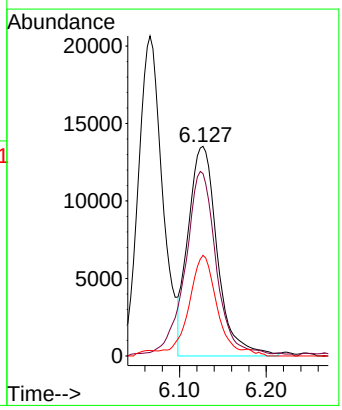


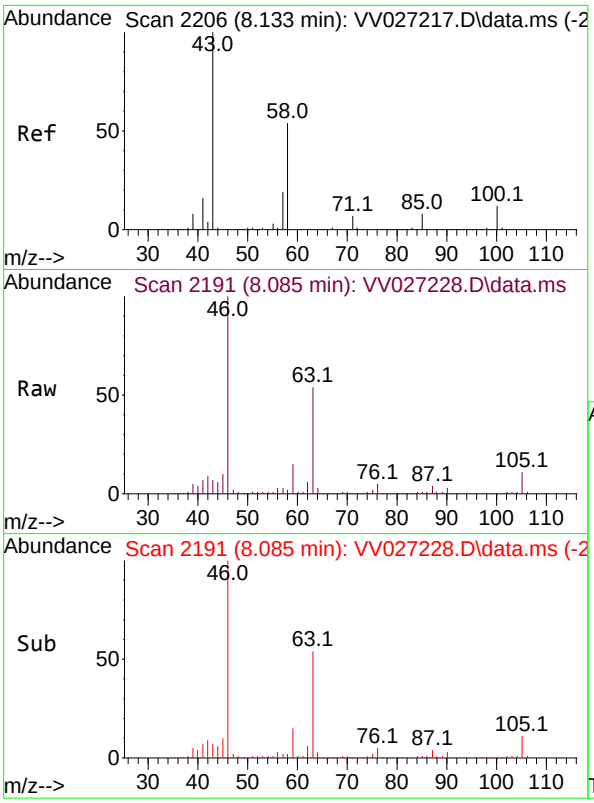


#35
Methylcyclohexane
Concen: 8.461 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Tgt Ion: 83 Resp: 31725

Ion	Ratio	Lower	Upper
83	100		
55	94.3	55.5	83.3#
98	43.2	39.0	58.4





#48
2-Hexanone
Concen: 6.380 ug/L
RT: 8.085 min Scan# 2
Delta R.T. -0.048 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 20223

Ion	Ratio	Lower	Upper
43	100		
58	34.7	50.8	76.2#
57	35.8	17.1	25.7#
100	4.2	12.3	18.5#