Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
Data File : VV036630.D
Acq On : 22 Jul 2024 16:27
Operator : SY/MD
Sample : P3276-01
Misc : 8.43g/10.0mL/MSVOA_V/SOILA
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 23 02:06:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 23 02:04:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	520166	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	491156	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	176012	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	55048	9.662	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	38.640%		
7) Chloroethane-d5	1.526	69	63828	12.404	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.600%		
11) 1,1-Dichloroethene-d2	2.047	65	27649	9.179	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	36.720%#		
21) 2-Butanone-d5	3.831	46	21353	16.060	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	32.120%		
24) Chloroform-d	4.240	84	212289	15.431	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	61.720%		
26) 1,2-Dichloroethane-d4	4.937	65	119178	17.560	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	70.240%		
32) Benzene-d6	4.953	84	309336	13.289	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	53.160%		
36) 1,2-Dichloropropane-d6	5.986	67	111573	16.822	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	67.280%#		
41) Toluene-d8	7.243	98	245256	11.040	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	44.160%		
43) trans-1,3-Dichloroprop...	7.555	79	47041	15.954	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	63.800%		
47) 2-Hexanone-d5	8.031	63	36647	41.517	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.040%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	116235	20.107	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.440%		
66) 1,2-Dichlorobenzene-d4	11.558	152	111305	18.115	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	72.480%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	9557	1.139	ug/L	95
8) Chloroethane	1.275	64	3600	0.662	ug/L	97
13) Acetone	2.156	43	2996	1.387	ug/L #	65
16) Methylene chloride	2.439	84	36955	3.818	ug/L	95
20) cis-1,2-Dichloroethene	3.812	96	73546	8.690	ug/L	97
35) Methylcyclohexane	5.986	83	31282	2.574	ug/L #	23
46) Tetrachloroethene	7.912	164	3903	0.431	ug/L	93
48) 2-Hexanone	8.034	43	4522	1.924	ug/L #	66
49) Dibromochloromethane	7.908	129	3350	0.425	ug/L #	11

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

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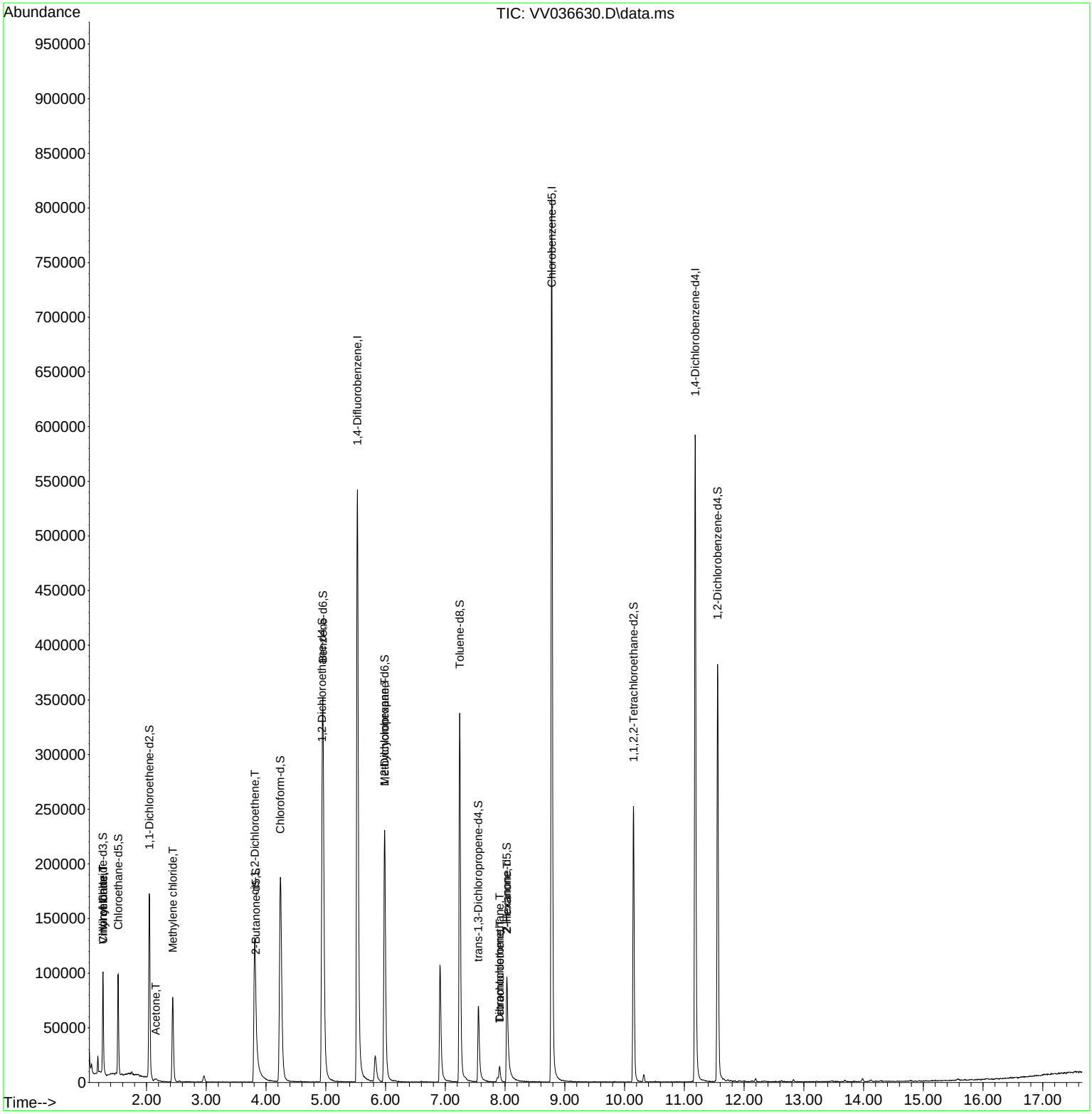
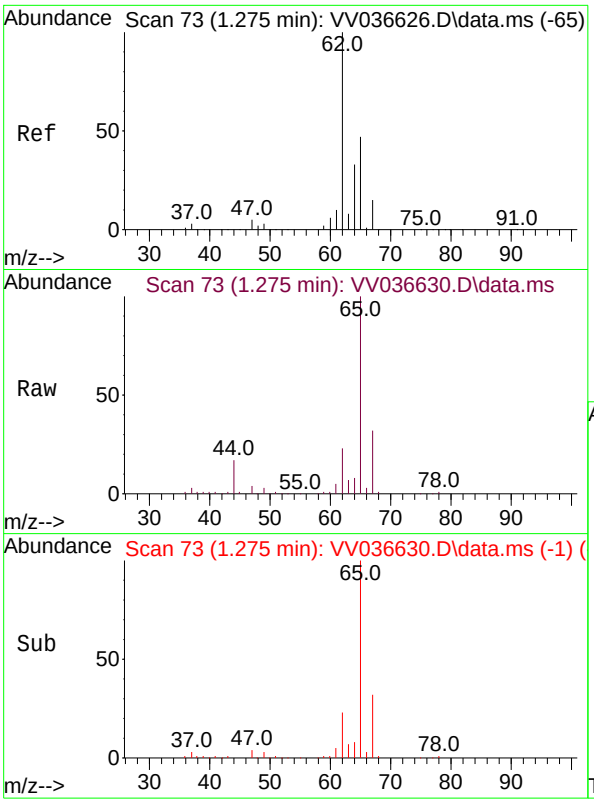


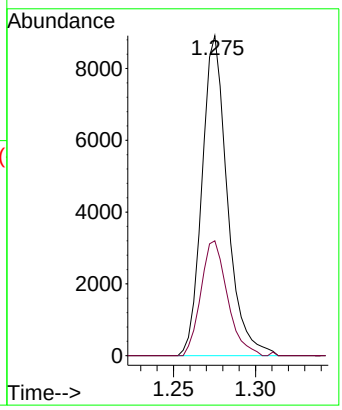


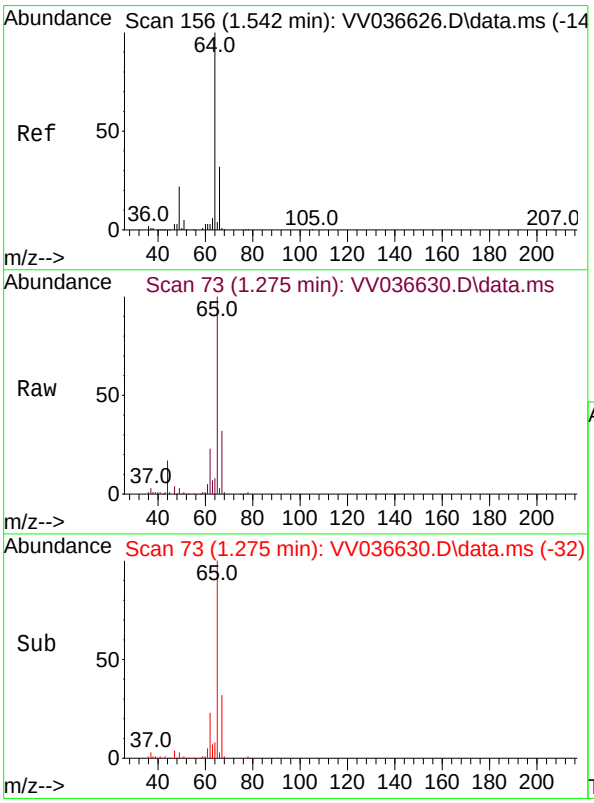
#5
Vinyl chloride
Concen: 1.139 ug/L
RT: 1.275 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV036630.D
Acq: 22 Jul 2024 16:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 9557

Ion	Ratio	Lower	Upper
62	100		
64	35.9	23.1	42.9

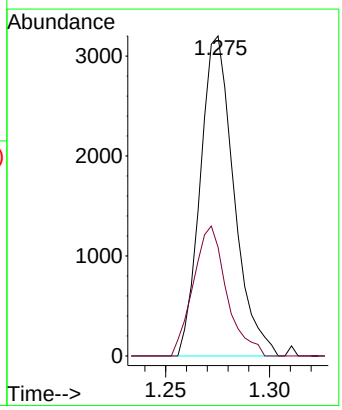


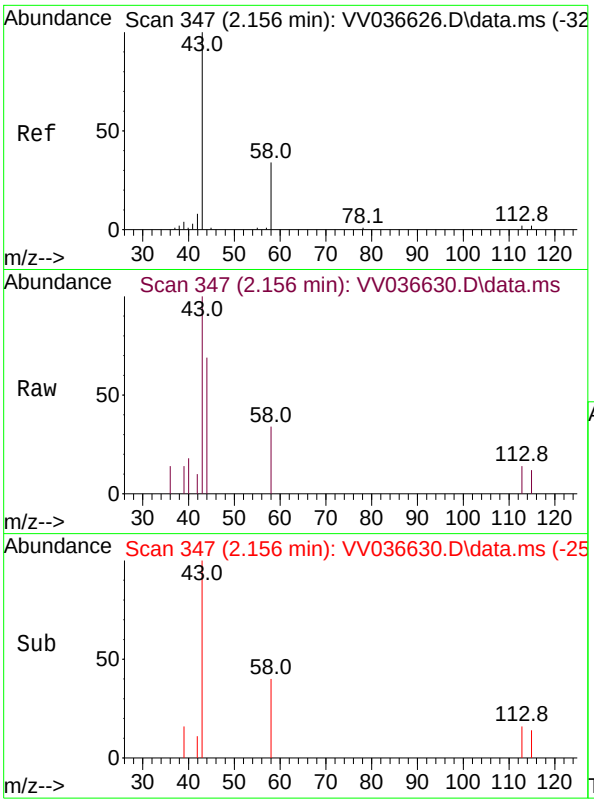


#8
Chloroethane
Concen: 0.662 ug/L
RT: 1.275 min Scan# 73
Delta R.T. -0.267 min
Lab File: VV036630.D
Acq: 22 Jul 2024 16:27

Tgt Ion: 64 Resp: 3600

Ion	Ratio	Lower	Upper
64	100		
66	34.0	22.7	42.1



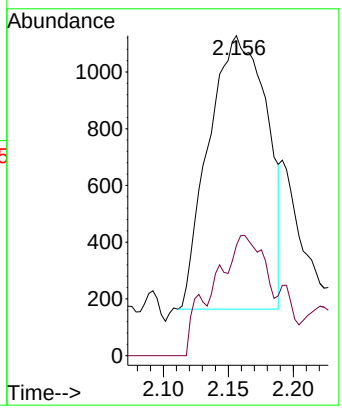


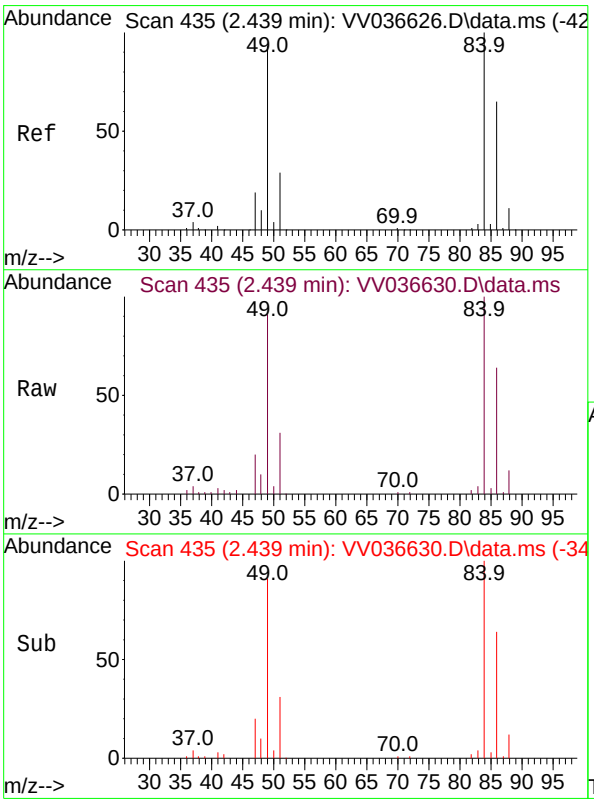
#13
Acetone
Concen: 1.387 ug/L
RT: 2.156 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV036630.D
Acq: 22 Jul 2024 16:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 2996

Ion	Ratio	Lower	Upper
43	100		
58	25.0	0.0	23.0#

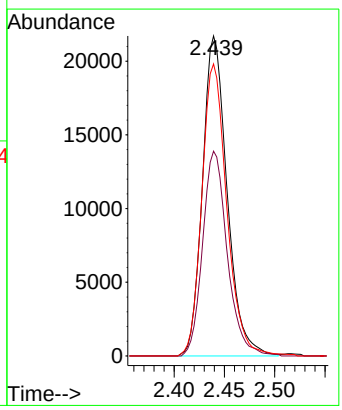


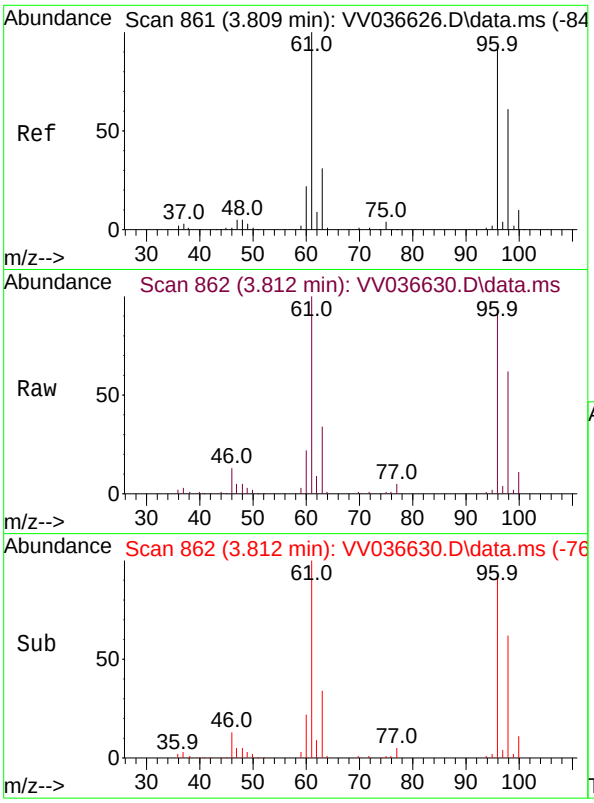


#16
Methylene chloride
Concen: 3.818 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036630.D
Acq: 22 Jul 2024 16:27

Tgt Ion: 84 Resp: 36955

Ion	Ratio	Lower	Upper
84	100		
86	64.0	47.2	87.6
49	91.2	67.3	125.1



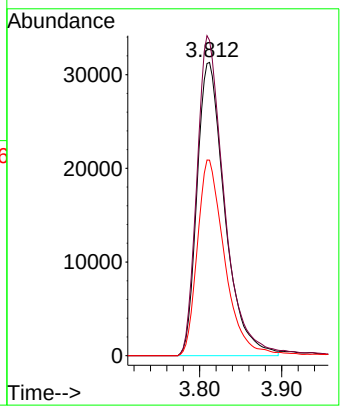


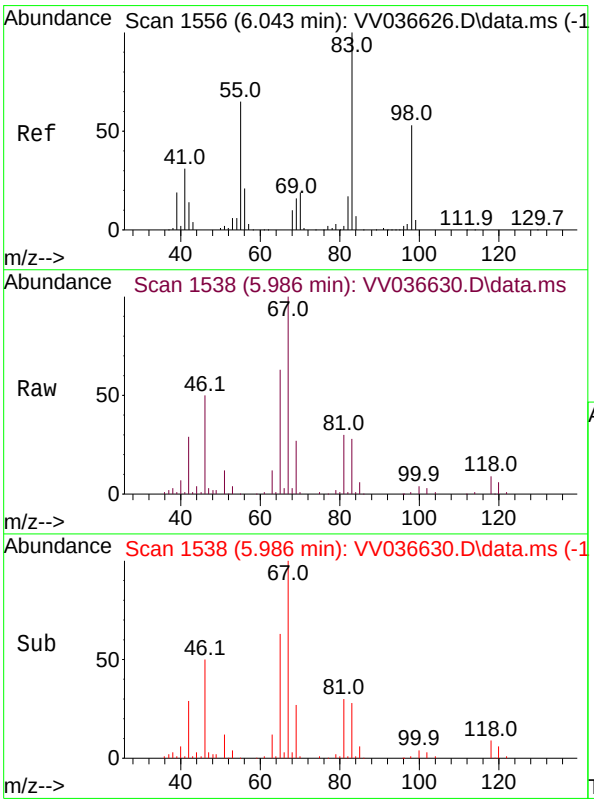
#20
cis-1,2-Dichloroethene
Concen: 8.690 ug/L
RT: 3.812 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV036630.D
Acq: 22 Jul 2024 16:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 73546

Ion	Ratio	Lower	Upper
96	100		
61	107.5	73.0	135.6
98	66.7	44.8	83.2

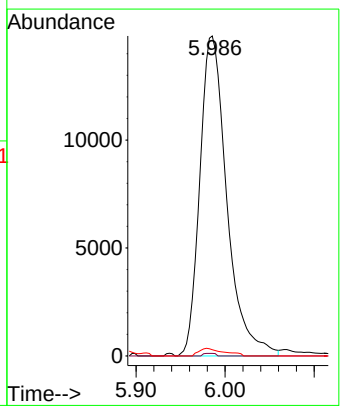


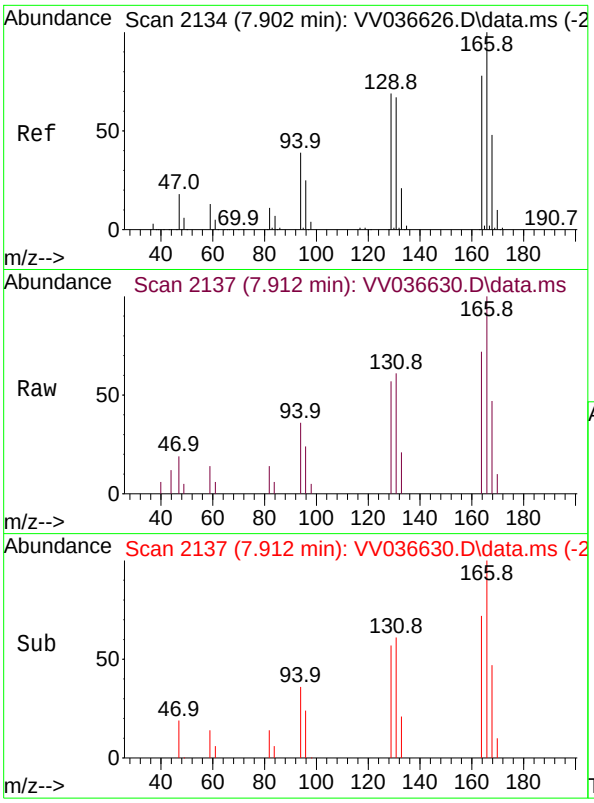


#35
Methylcyclohexane
Concen: 2.574 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV036630.D
Acq: 22 Jul 2024 16:27

Tgt Ion: 83 Resp: 31282

Ion	Ratio	Lower	Upper
83	100		
55	0.3	50.8	76.2#
98	2.0	41.3	61.9#



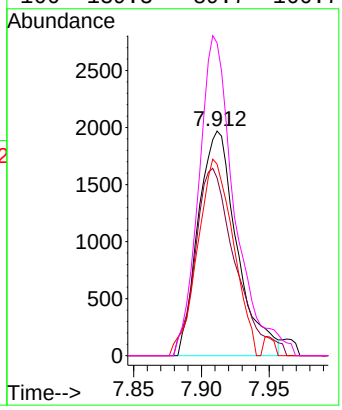


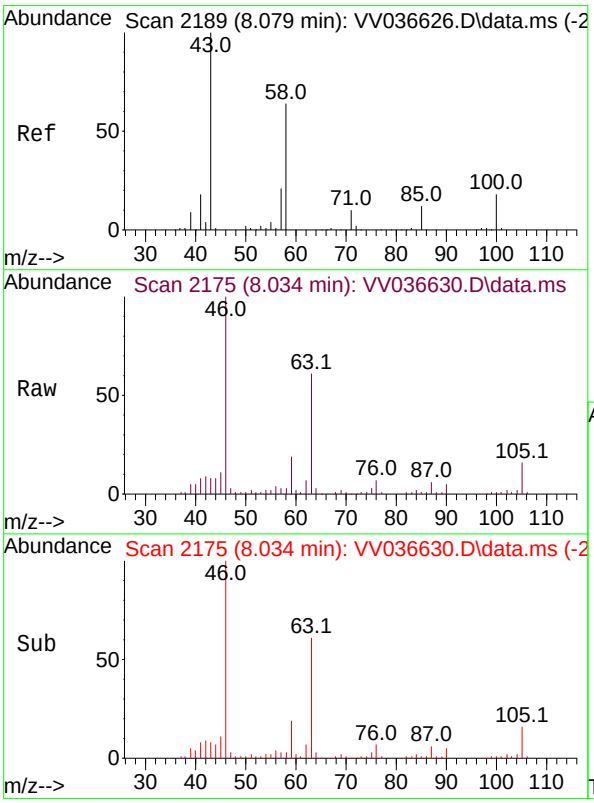
#46
Tetrachloroethene
Concen: 0.431 ug/L
RT: 7.912 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV036630.D
Acq: 22 Jul 2024 16:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 3903

Ion	Ratio	Lower	Upper
164	100		
129	79.1	61.0	113.2
131	85.3	60.1	111.5
166	139.3	89.7	166.7

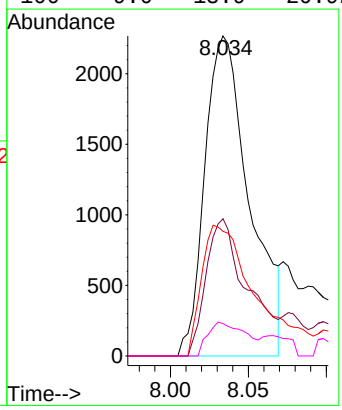


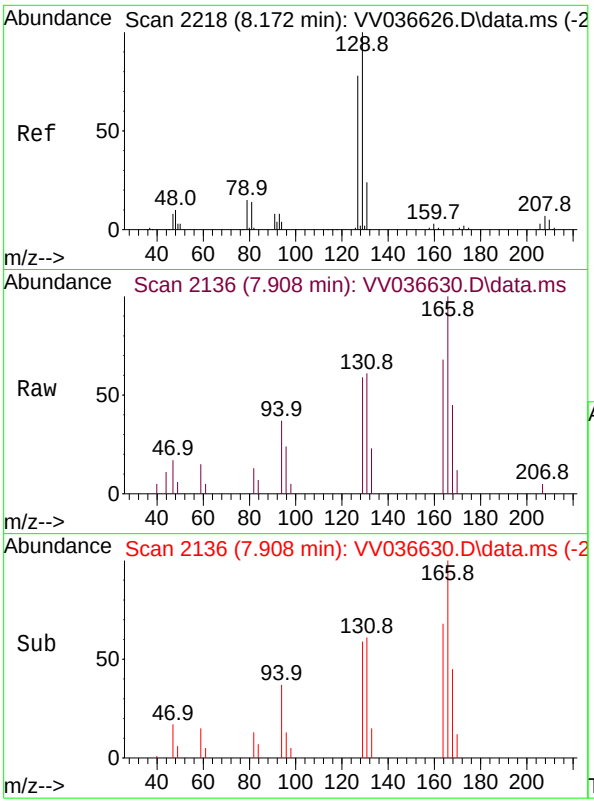


#48
2-Hexanone
Concen: 1.924 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV036630.D
Acq: 22 Jul 2024 16:27

Tgt Ion: 43 Resp: 4522

Ion	Ratio	Lower	Upper
43	100		
58	40.1	50.6	75.8#
57	49.8	17.7	26.5#
100	9.0	13.9	20.9#





#49
Dibromochloromethane
Concen: 0.425 ug/L
RT: 7.908 min Scan# 2
Delta R.T. -0.264 min
Lab File: VV036630.D
Acq: 22 Jul 2024 16:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 3350

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#