Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029497.D
Acq On : 09 Dec 2022 00:51
Operator : SY/MD
Sample : N5915-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5N06

Quant Time: Dec 09 04:16:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	537441	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	496318	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	260538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103890	31.567	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.140%			
7) Chloroethane-d5	1.564	69	98899	39.409	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.820%			
11) 1,1-Dichloroethene-d2	2.105	63	151621	29.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.080%#			
21) 2-Butanone-d5	3.867	46	198882	99.063	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.060%			
24) Chloroform-d	4.339	84	264436	42.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.400%			
26) 1,2-Dichloroethane-d4	5.024	65	161082	45.540	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.080%			
32) Benzene-d6	5.043	84	555583	42.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.720%			
36) 1,2-Dichloropropane-d6	6.063	67	176081	43.956	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.920%			
41) Toluene-d8	7.310	98	503738	40.766	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.540%			
43) trans-1,3-Dichloroprop...	7.612	79	75745	37.446	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.900%			
47) 2-Hexanone-d5	8.082	63	167994	98.208	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.210%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	265486	46.378	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.760%			
66) 1,2-Dichlorobenzene-d4	11.612	152	219155	44.188	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.380%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	7202	2.507	ug/L #	1
18) Methyl tert-butyl Ether	2.767	73	12944	1.276	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	16015	4.400	ug/L	98
34) Trichloroethene	5.915	95	4833	1.379	ug/L	97
35) Methylcyclohexane	6.063	83	42000	7.054	ug/L #	21
44) trans-1,3-Dichloropropene	7.616	75	3164	0.602	ug/L	86
46) Tetrachloroethene	7.969	164	10117	3.590	ug/L	93
48) 2-Hexanone	8.082	43	16244	5.281	ug/L #	65
49) Dibromochloromethane	7.969	129	9194	2.387	ug/L #	10
51) Chlorobenzene	8.873	112	7455	0.782	ug/L	89
64) 1,3-Dichlorobenzene	11.175	146	6261	0.837	ug/L	96
65) 1,4-Dichlorobenzene	11.262	146	13017	1.713	ug/L	96
67) 1,2-Dichlorobenzene	11.632	146	6624	0.866	ug/L #	84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029497.D
Acq On : 09 Dec 2022 00:51
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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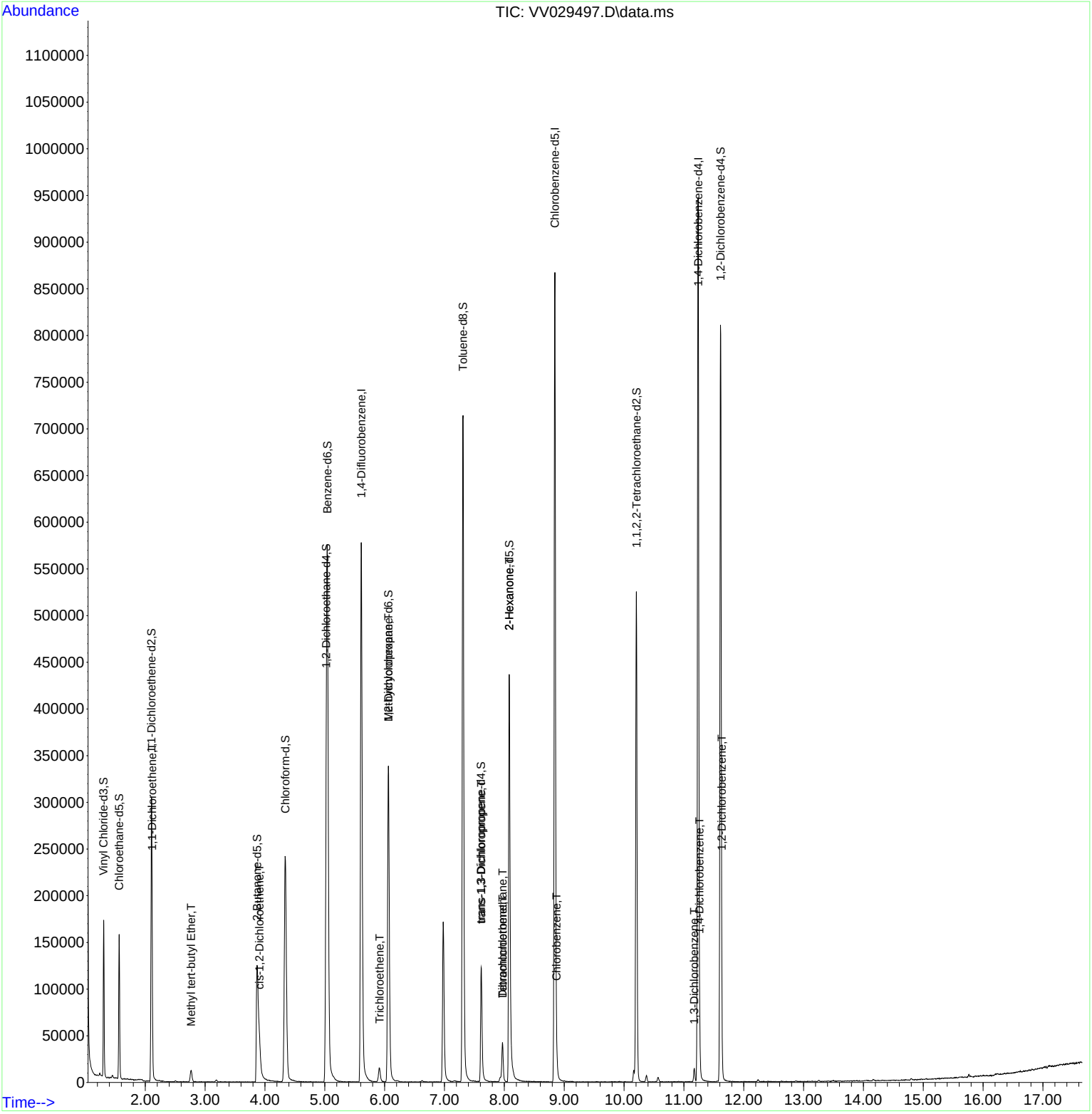
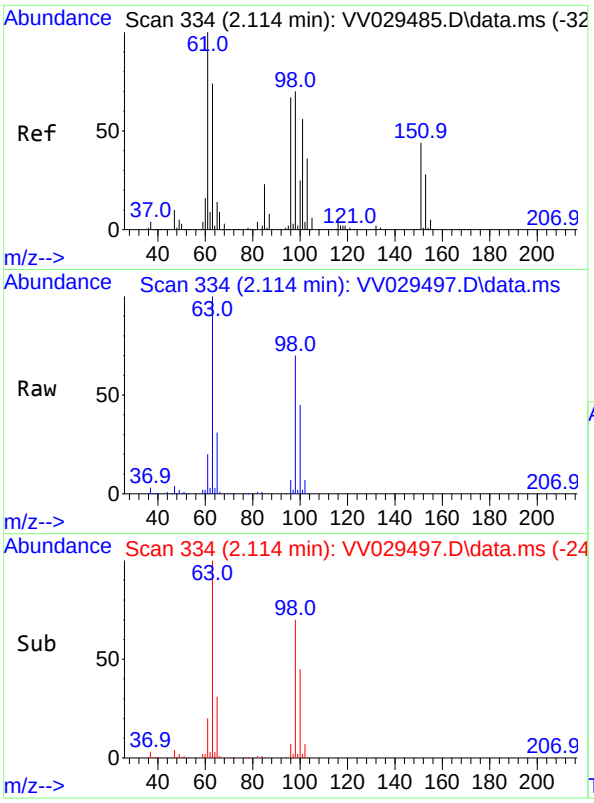
Quant Time: Dec 09 04:16:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration



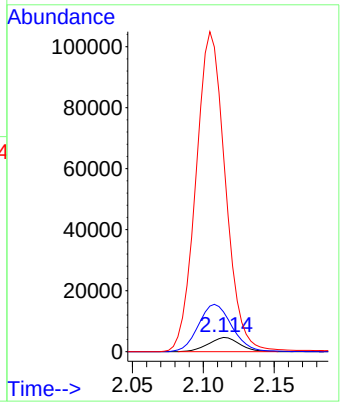


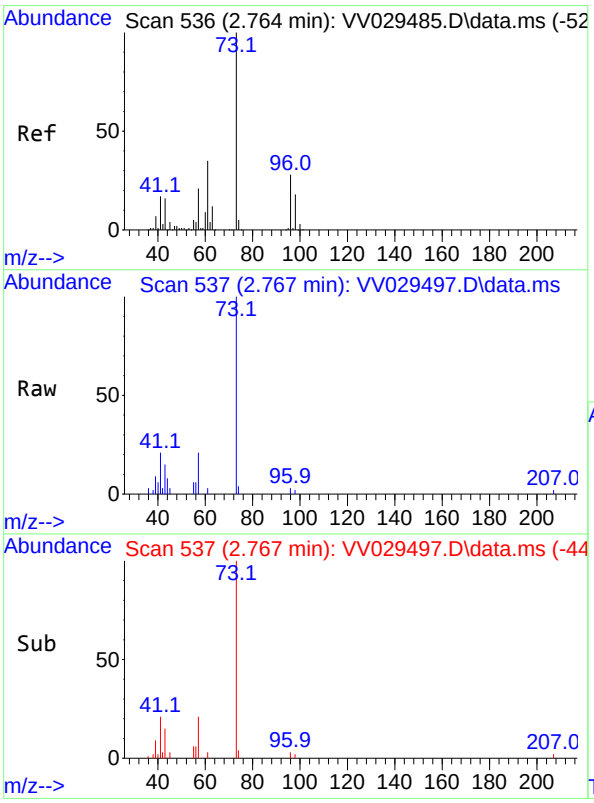
#12
1,1-Dichloroethene
Concen: 2.507 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Instrument :
MSVOA_V
ClientSampleId :
F5N06

Tgt Ion: 96 Resp: 7202

Ion	Ratio	Lower	Upper
96	100		
61	280.0	103.3	191.9#
63	1384.1	77.3	143.7#

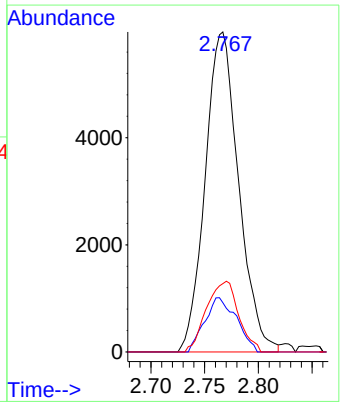


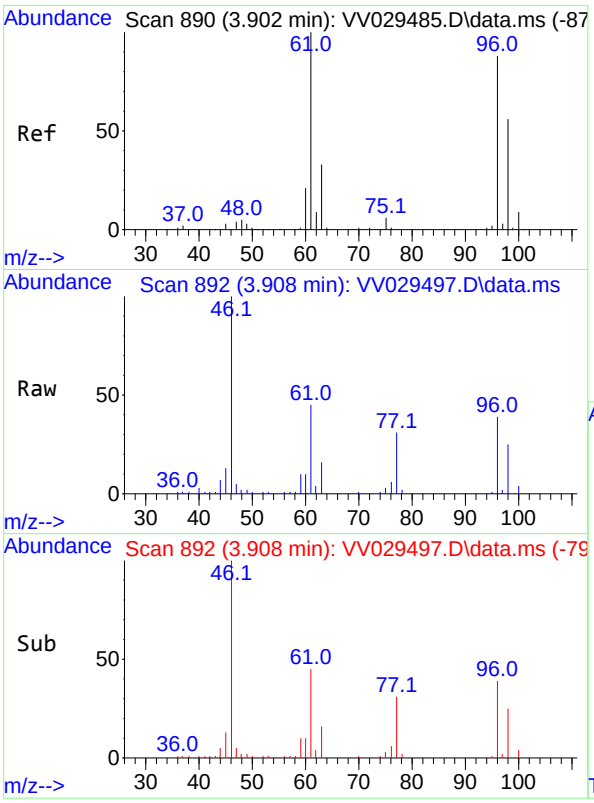


#18
Methyl tert-butyl Ether
Concen: 1.276 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Tgt Ion: 73 Resp: 12944

Ion	Ratio	Lower	Upper
73	100		
43	16.1	12.7	19.1
57	21.2	16.7	25.1



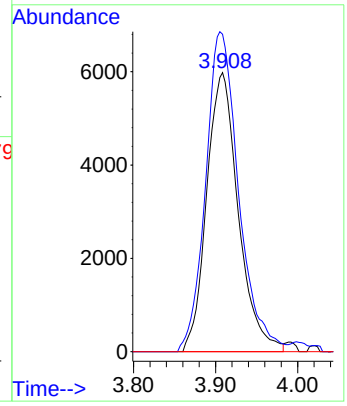


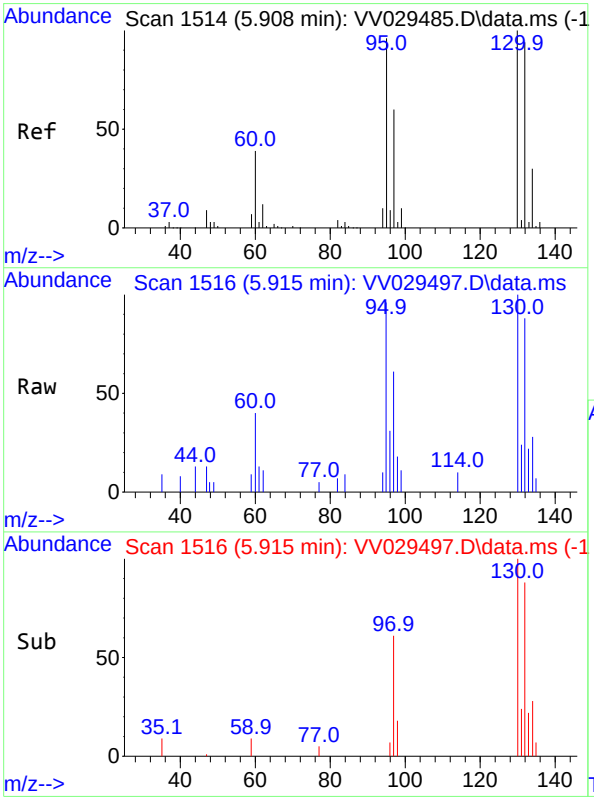
#20
cis-1,2-Dichloroethene
Concen: 4.400 ug/L
RT: 3.908 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Instrument :
MSVOA_V
ClientSampleId :
F5N06

Tgt Ion: 96 Resp: 16015

Ion	Ratio	Lower	Upper
96	100		
61	113.7	78.0	144.9
68	0.0	0.0	0.0

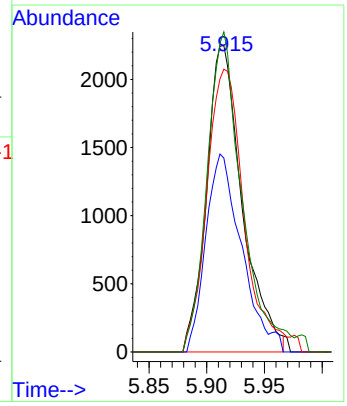


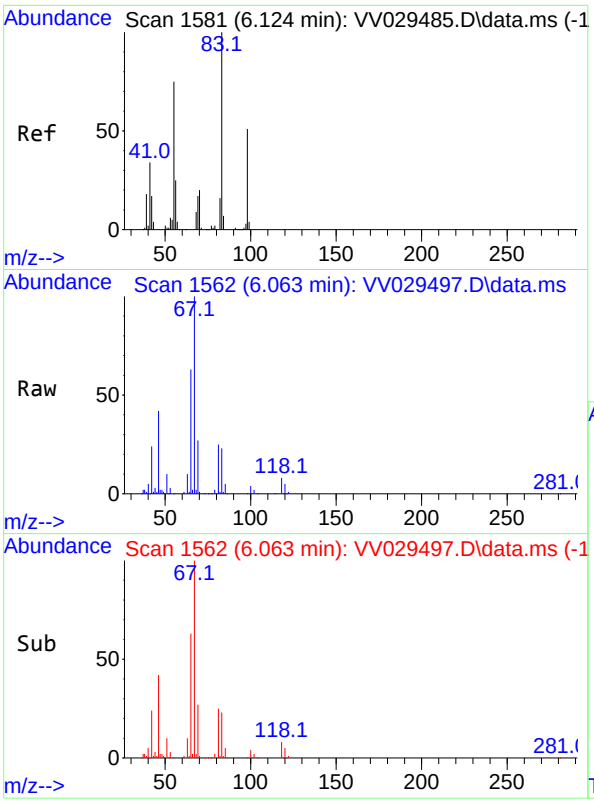


#34
Trichloroethene
Concen: 1.379 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Tgt Ion: 95 Resp: 4833

Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.0	81.8
132	92.3	69.9	129.9
130	104.4	73.7	136.9



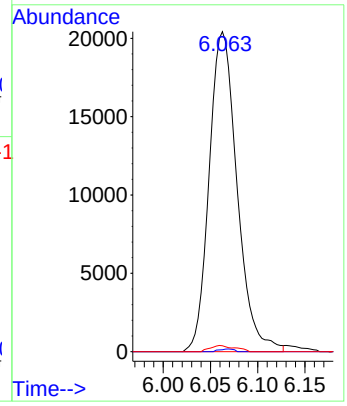


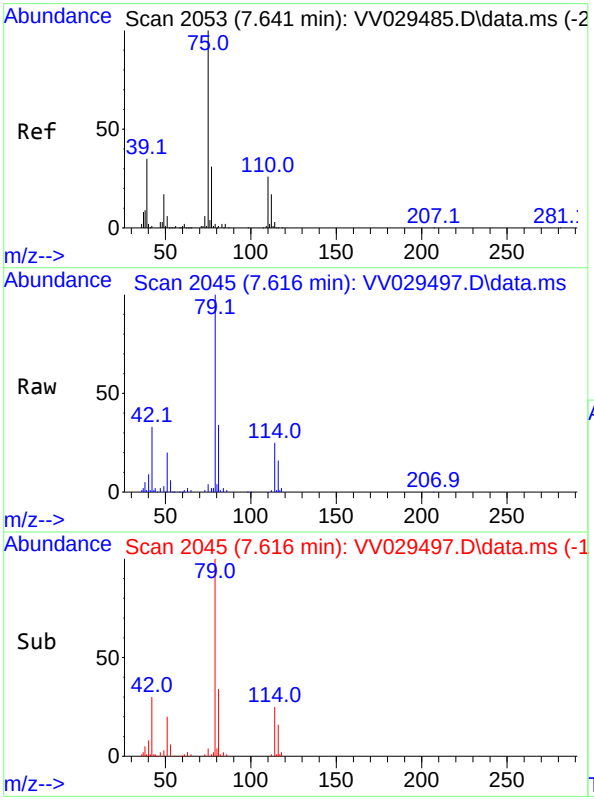
#35
Methylcyclohexane
Concen: 7.054 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.064 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Instrument :
MSVOA_V
ClientSampleId :
F5N06

Tgt Ion: 83 Resp: 42000

Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.5	83.3#
98	1.3	39.8	59.8#

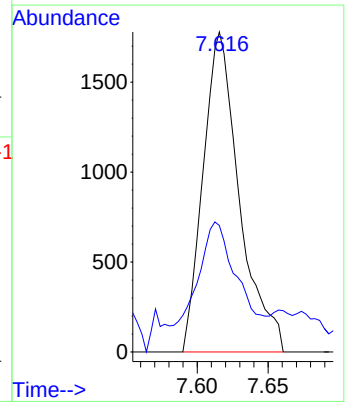


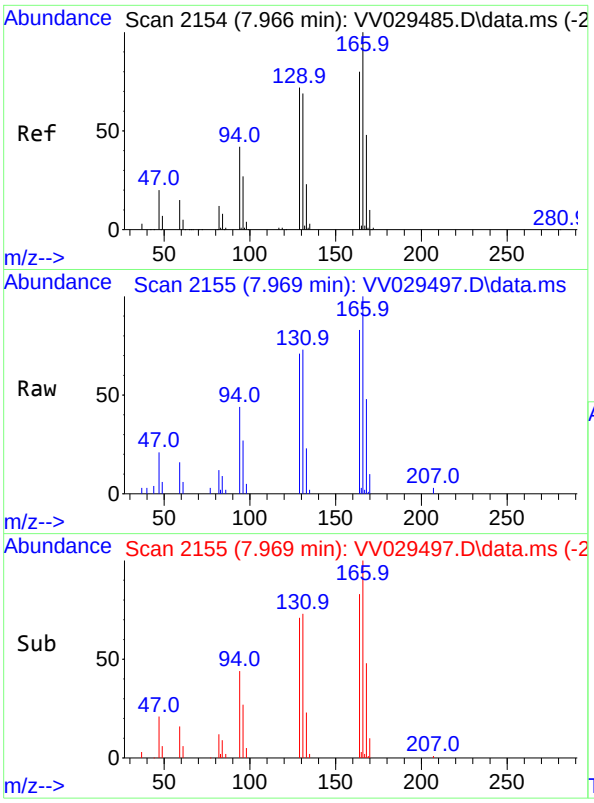


#44
trans-1,3-Dichloropropene
Concen: 0.602 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.029 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Tgt Ion: 75 Resp: 3164

Ion	Ratio	Lower	Upper
75	100		
77	39.5	22.3	41.5



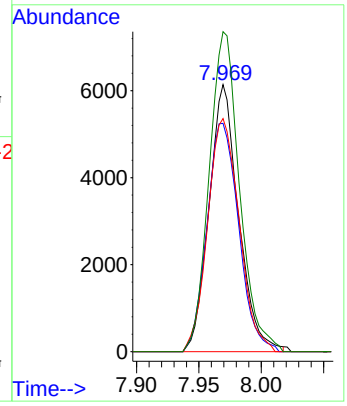


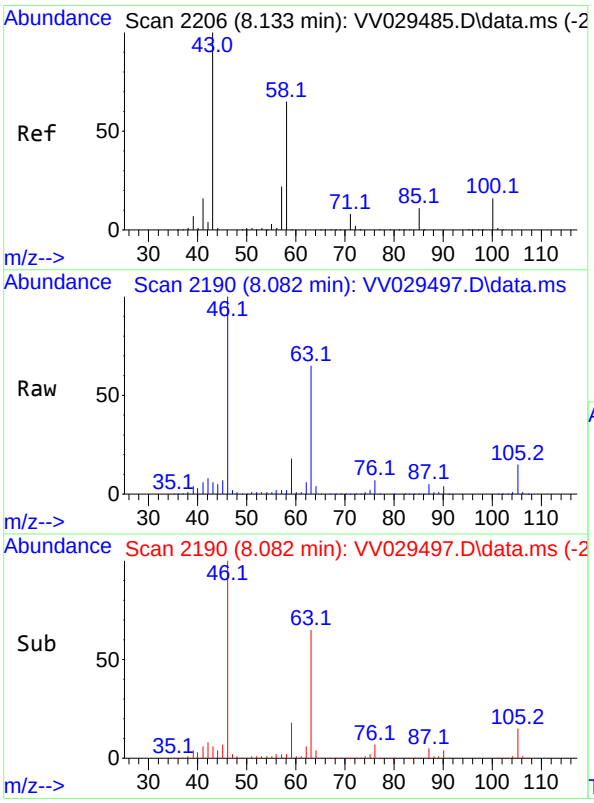
#46
Tetrachloroethene
Concen: 3.590 ug/L
RT: 7.969 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Instrument :
MSVOA_V
ClientSampleId :
F5N06

Tgt Ion:164 Resp: 10117

Ion	Ratio	Lower	Upper
164	100		
129	85.5	65.3	121.3
131	87.3	63.1	117.1
166	119.9	90.8	168.6

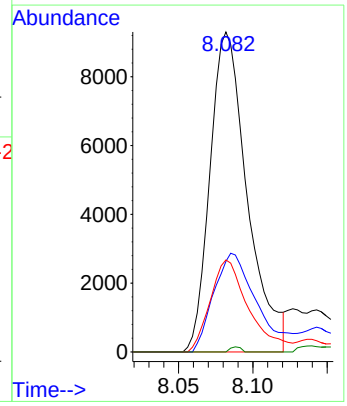


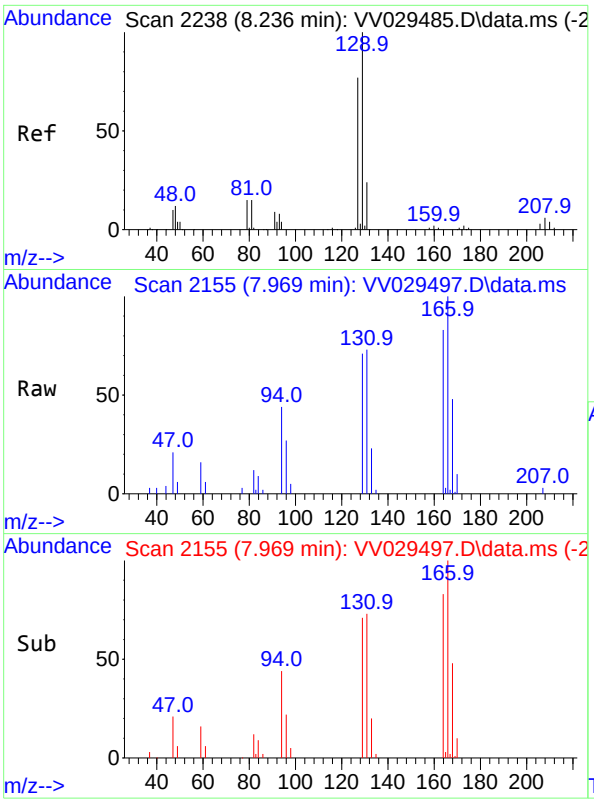


#48
2-Hexanone
Concen: 5.281 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.052 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Tgt Ion: 43 Resp: 16244

Ion	Ratio	Lower	Upper
43	100		
58	35.7	54.1	81.1#
57	29.8	17.4	26.0#
100	0.5	13.6	20.4#



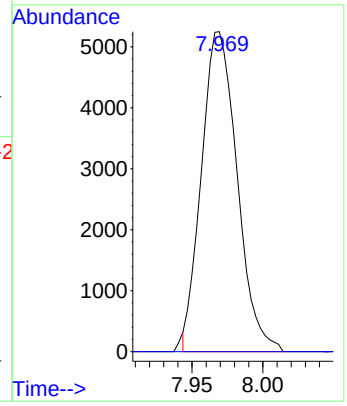


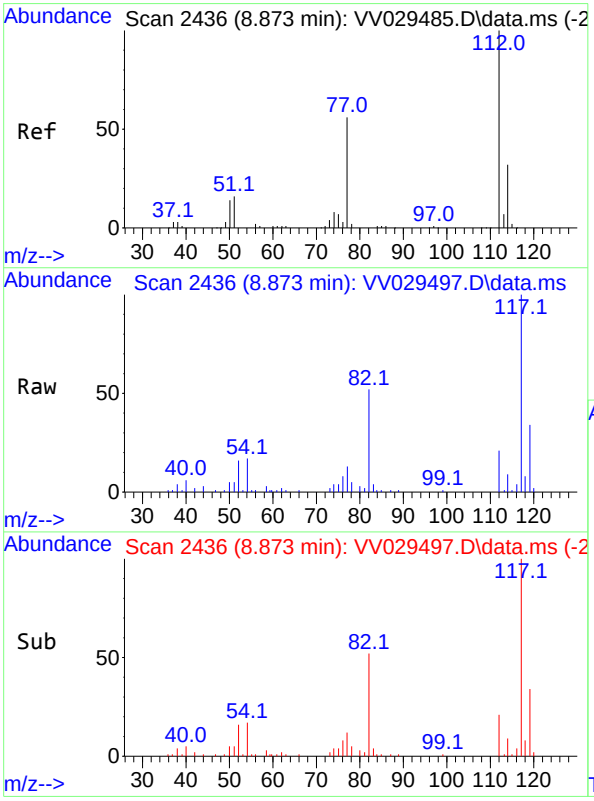
#49
Dibromochloromethane
Concen: 2.387 ug/L
RT: 7.969 min Scan# 2
Delta R.T. -0.267 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Instrument :
MSVOA_V
ClientSampleId :
F5N06

Tgt Ion:129 Resp: 9194

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#

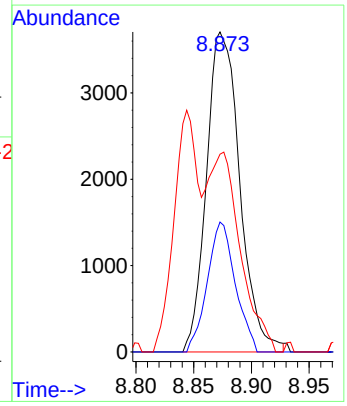


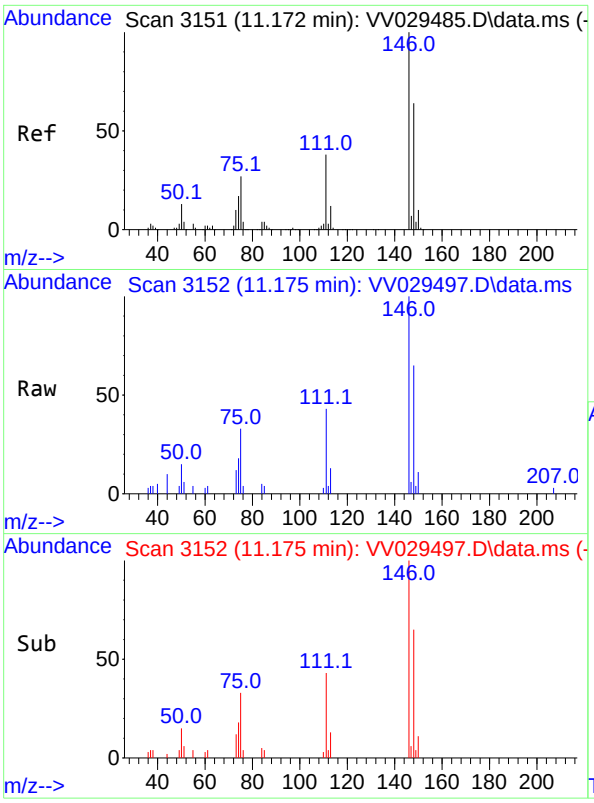


#51
Chlorobenzene
Concen: 0.782 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Tgt Ion:112 Resp: 7455

Ion	Ratio	Lower	Upper
112	100		
114	40.6	22.3	41.3
77	61.8	45.0	67.4



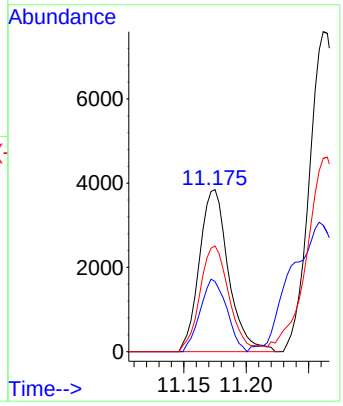


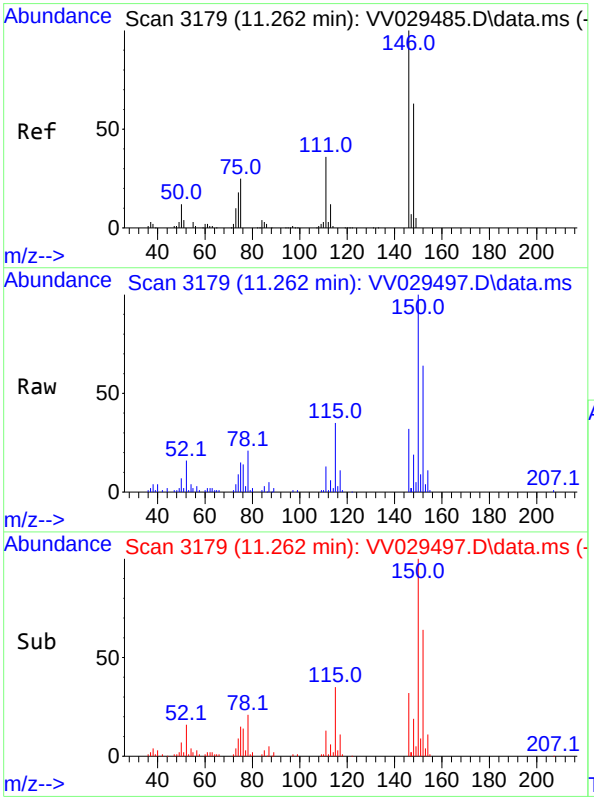
#64
1,3-Dichlorobenzene
Concen: 0.837 ug/L
RT: 11.175 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Instrument :
MSVOA_V
ClientSampleId :
F5N06

Tgt Ion:146 Resp: 6261

Ion	Ratio	Lower	Upper
146	100		
111	43.3	27.4	51.0
148	65.3	44.6	82.8

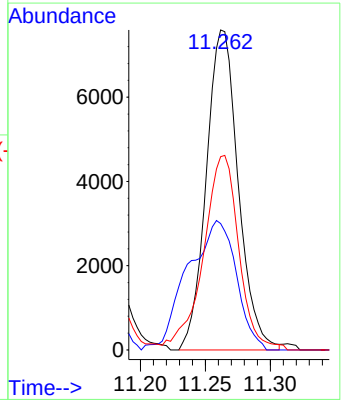


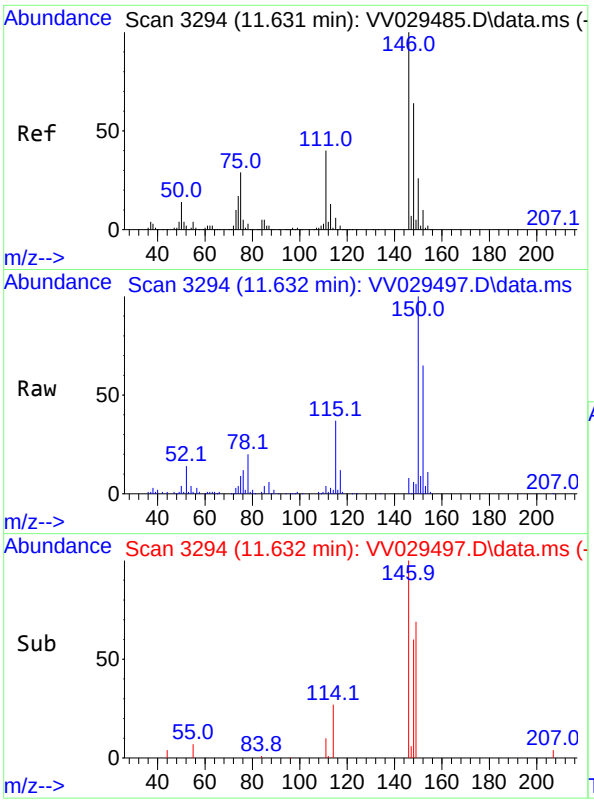


#65
1,4-Dichlorobenzene
Concen: 1.713 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Tgt Ion:146 Resp: 13017

Ion	Ratio	Lower	Upper
146	100		
111	39.5	26.2	48.8
148	60.4	44.7	83.1





#67
1,2-Dichlorobenzene
Concen: 0.866 ug/L
RT: 11.632 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Instrument :
MSVOA_V
ClientSampleId :
F5N06

Tgt Ion:146 Resp: 6624

Ion	Ratio	Lower	Upper
146	100		
111	54.5	32.0	48.0#
148	72.5	50.6	76.0