Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
Data File : VV027522.D
Acq On : 26 Aug 2022 02:50
Operator : SY/MD
Sample : N4370-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 26 03:51:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 26 01:50:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124466	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122267	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33298	3.759	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.200%			
7) Chloroethane-d5	1.568	69	33111	5.107	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.200%			
11) 1,1-Dichloroethene-d2	2.108	63	62676	3.034	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.600%			
20) 2-Butanone-d5	3.899	46	40384	36.633	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.260%			
24) Chloroform-d	4.346	84	74294	4.194	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.800%			
26) 1,2-Dichloroethane-d4	5.031	65	34088	4.449	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
32) Benzene-d6	5.050	84	128009	3.780	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.600%			
36) 1,2-Dichloropropane-d6	6.069	67	40341	4.097	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.000%			
41) Toluene-d8	7.317	98	102587	3.355	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.000%#			
43) trans-1,3-Dichloroprop...	7.628	79	9703	2.878	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 57.600%			
46) 2-Hexanone-d5	8.091	63	41033	36.975	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.960%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25590	4.081	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	34581	4.448	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	2630	0.199	ug/L	97
3) Chloromethane	1.243	50	462	0.040	ug/L	96
6) Bromomethane	1.523	94	426	0.074	ug/L	99
12) 1,1-Dichloroethene	2.108	96	828	0.088	ug/L #	1
14) Carbon disulfide	2.294	76	1537	0.059	ug/L #	87
17) Methyl tert-butyl Ether	2.767	73	13002	0.667	ug/L #	94
18) trans-1,2-Dichloroethene	2.761	96	1313	0.135	ug/L	86
22) cis-1,2-Dichloroethene	3.915	96	1524	0.147	ug/L	92
30) Cyclohexane	4.674	56	1799	0.125	ug/L #	77
34) Trichloroethene	5.915	95	39889	3.729	ug/L	96
35) Methylcyclohexane	6.069	83	9632	0.640	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	5177	0.478	ug/L #	85
47) Tetrachloroethene	7.982	164	1390	0.167	ug/L	96
49) Dibromochloromethane	7.979	129	1276	0.150	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6020	1.308	ug/L #	68

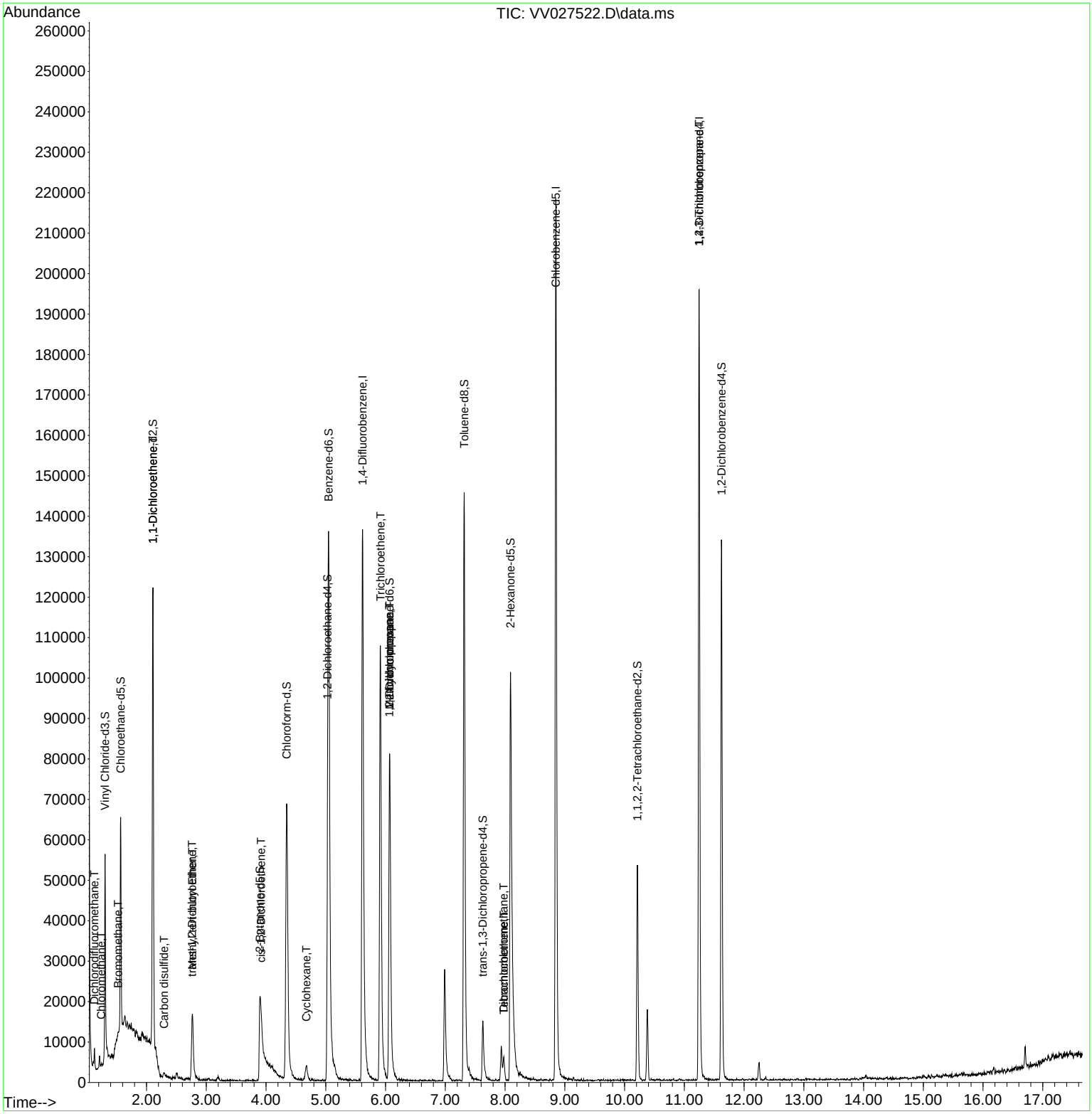
(#) = qualifier out of range (m) = manual integration (+) = signals summed

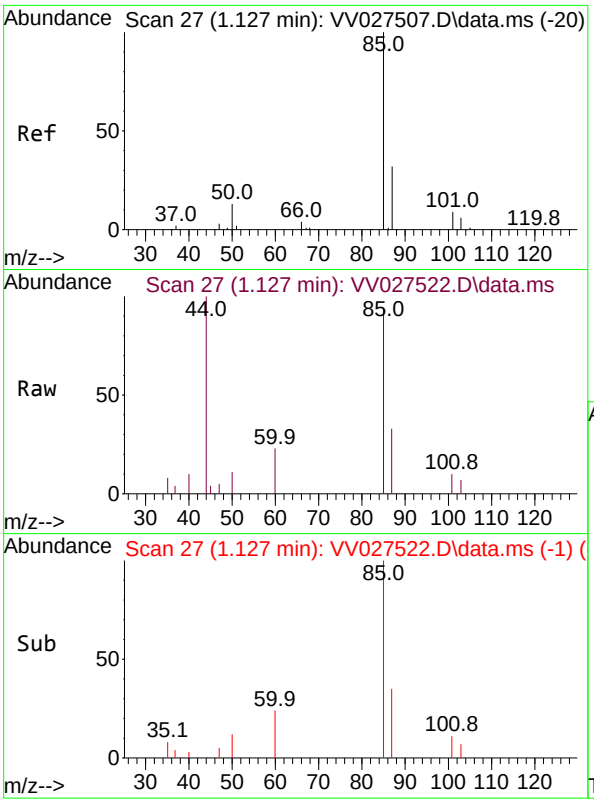
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
Data File : VV027522.D
Acq On : 26 Aug 2022 02:50
Operator : SY/MD
Sample : N4370-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 26 03:51:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 26 01:50:00 2022
Response via : Initial Calibration



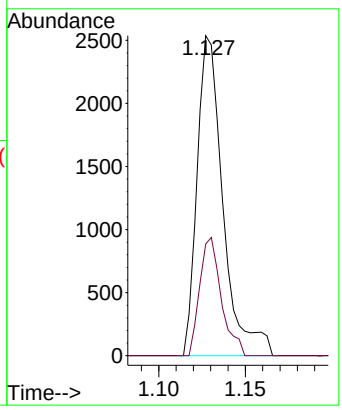


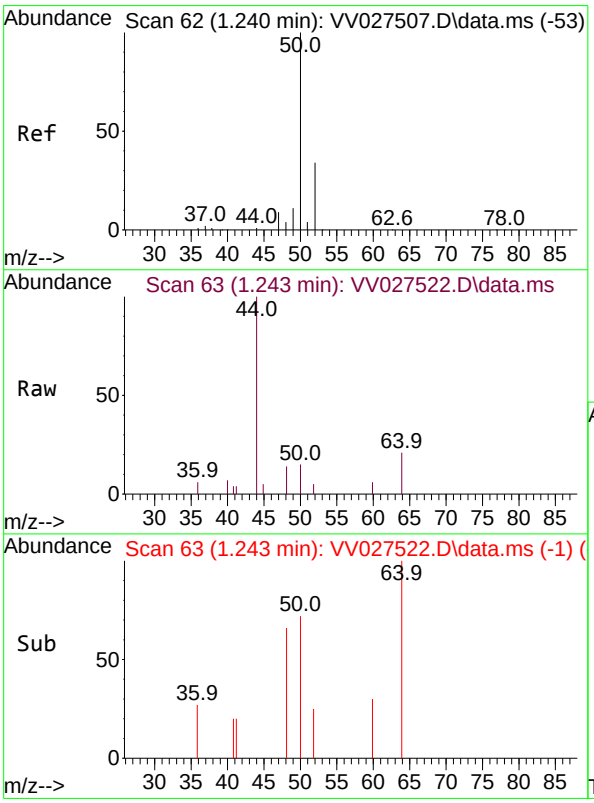
#2
Dichlorodifluoromethane
Concen: 0.199 ug/L
RT: 1.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 2630

Ion	Ratio	Lower	Upper
85	100		
87	30.8	26.0	39.0

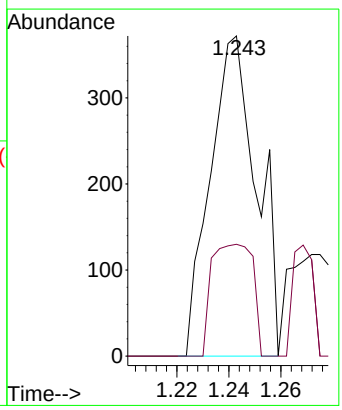


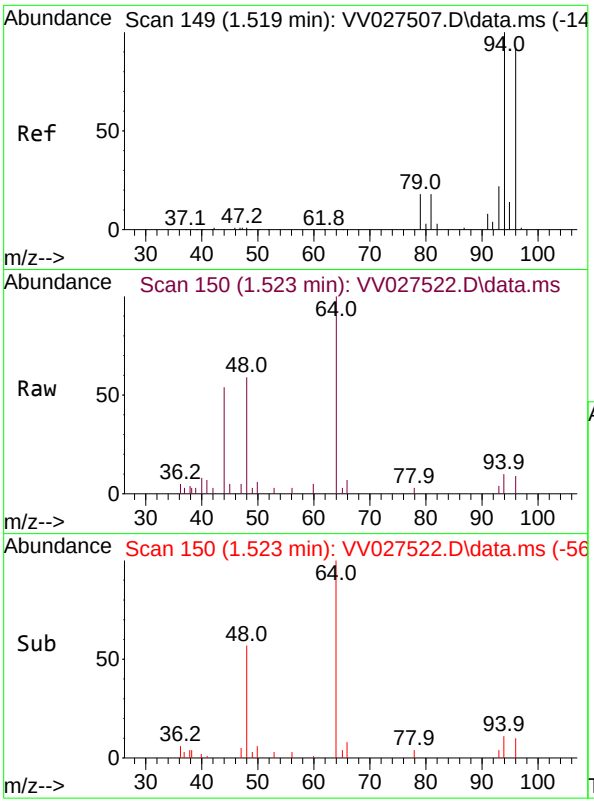


#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Tgt Ion: 50 Resp: 462

Ion	Ratio	Lower	Upper
50	100		
52	34.9	22.8	42.4



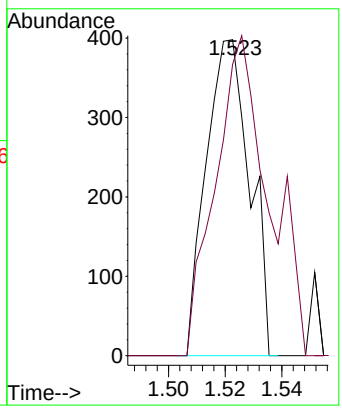


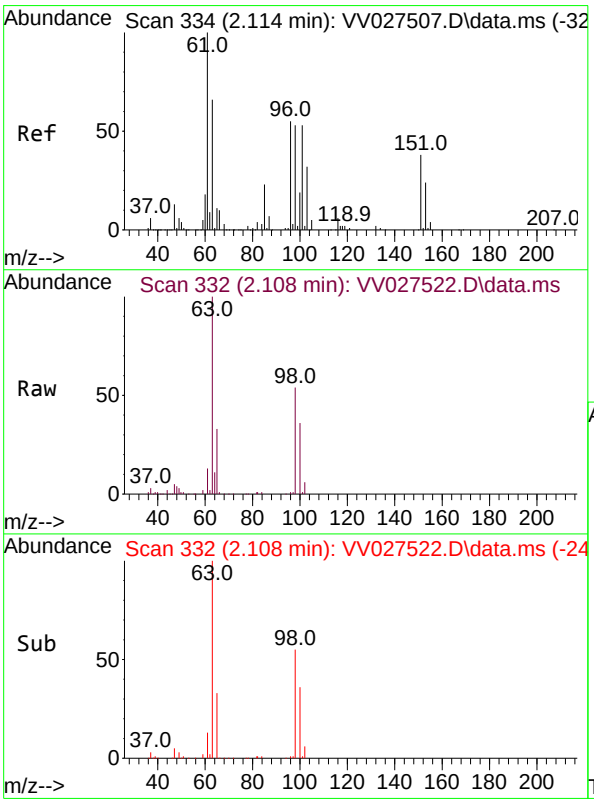
#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.523 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 426

Ion	Ratio	Lower	Upper
94	100		
96	92.2	65.2	121.0

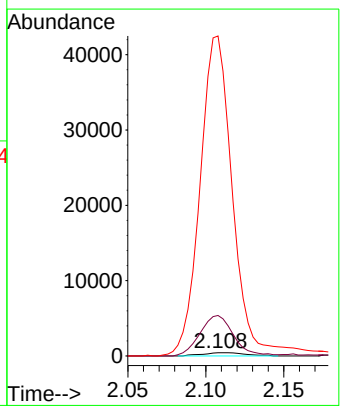


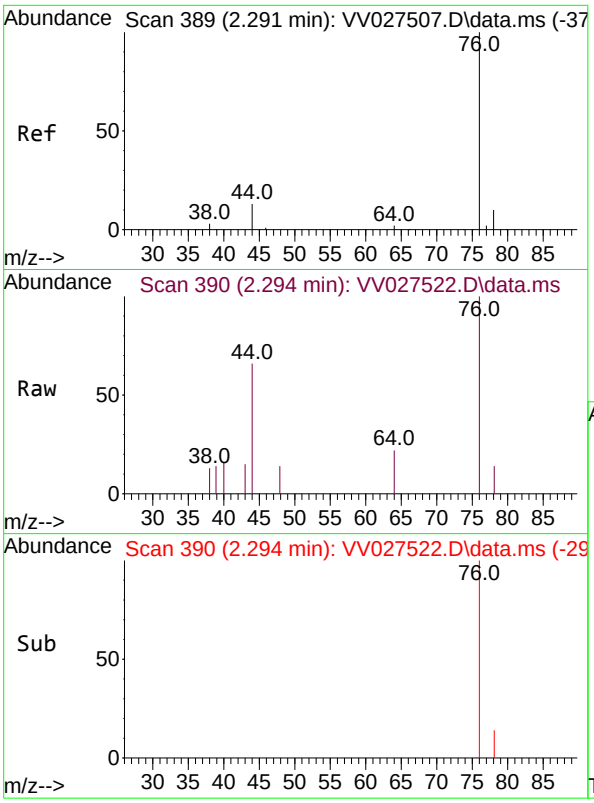


#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.007 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Tgt Ion: 96 Resp: 828

Ion	Ratio	Lower	Upper
96	100		
61	1263.4	130.2	241.8#
63	9973.7	87.4	162.4#



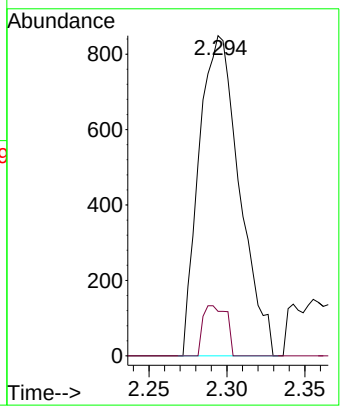


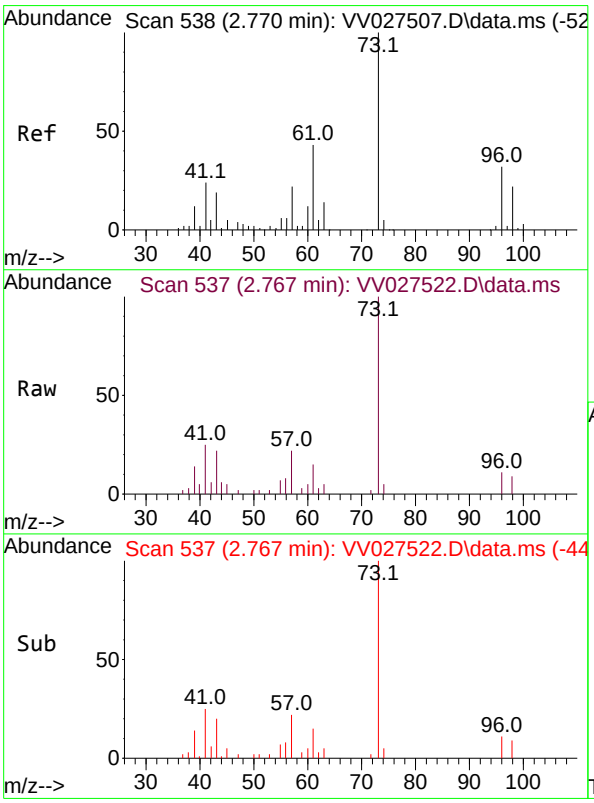
#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.294 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 1537

Ion	Ratio	Lower	Upper
76	100		
78	13.9	7.3	10.9#

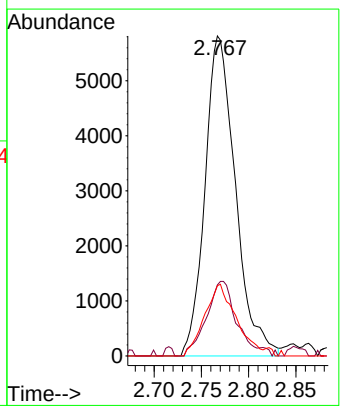


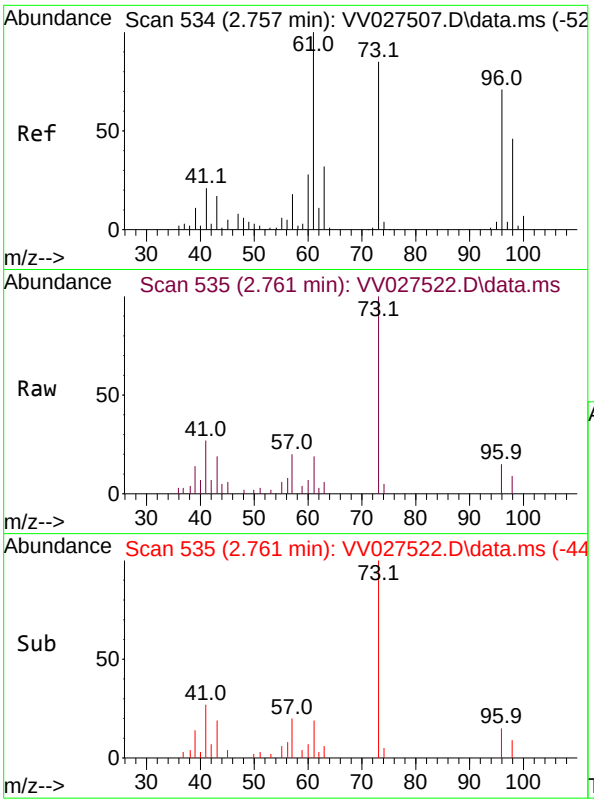


#17
Methyl tert-butyl Ether
Concen: 0.667 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Tgt Ion: 73 Resp: 13002

Ion	Ratio	Lower	Upper
73	100		
43	23.6	15.6	23.4#
57	23.2	17.0	25.6



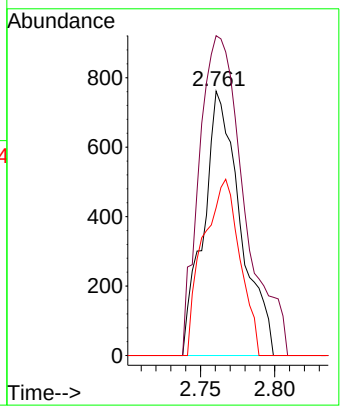


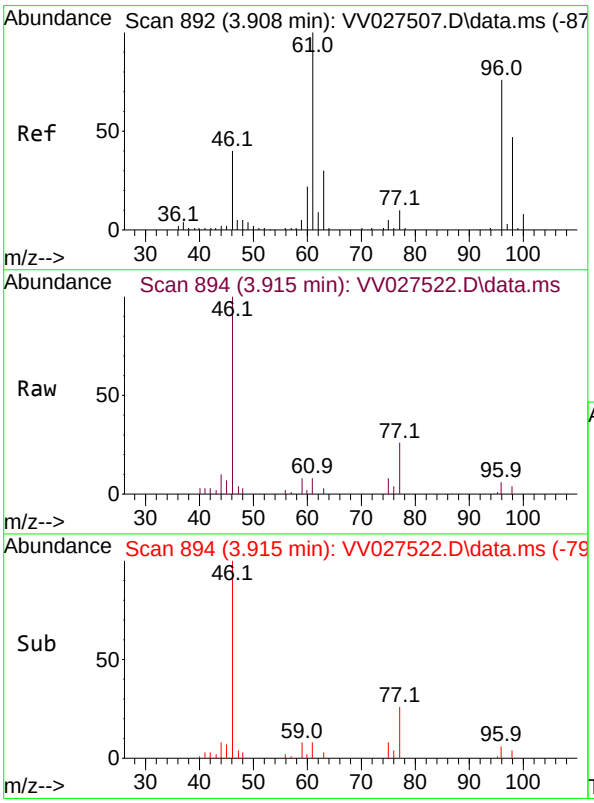
#18
trans-1,2-Dichloroethene
Concen: 0.135 ug/L
RT: 2.761 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1313

Ion	Ratio	Lower	Upper
96	100		
61	121.0	97.6	181.4
98	56.0	45.9	85.3

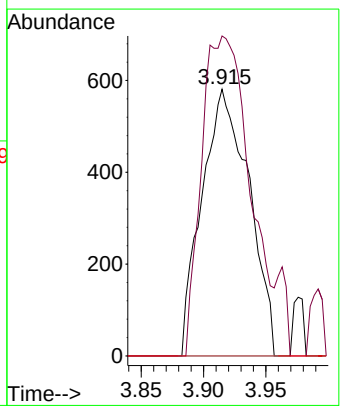


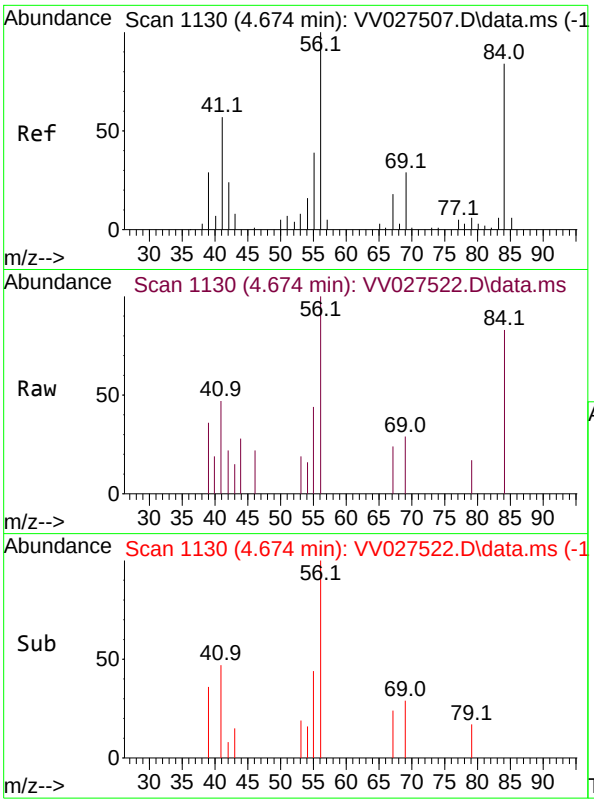


#22
cis-1,2-Dichloroethene
Concen: 0.147 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Tgt Ion: 96 Resp: 1524

Ion	Ratio	Lower	Upper
96	100		
61	120.0	90.6	168.2
68	0.0	0.0	0.0



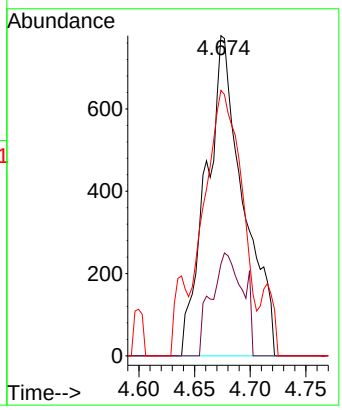


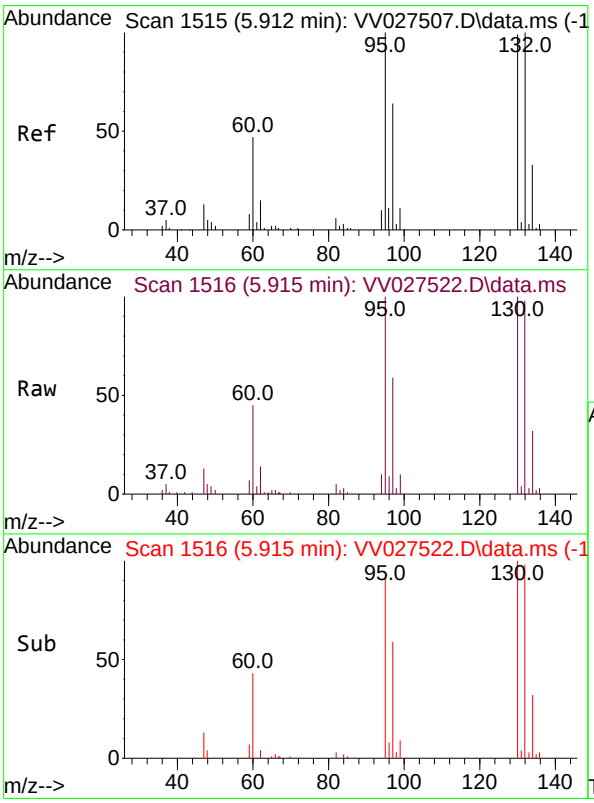
#30
Cyclohexane
Concen: 0.125 ug/L
RT: 4.674 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 1799

Ion	Ratio	Lower	Upper
56	100		
69	27.2	25.4	38.0
84	60.5	69.7	104.5#

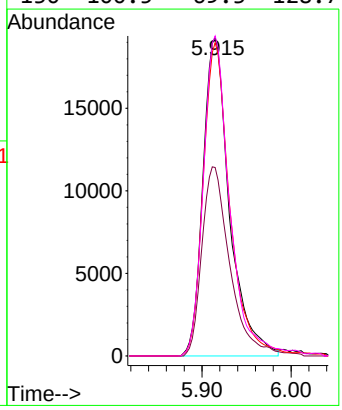


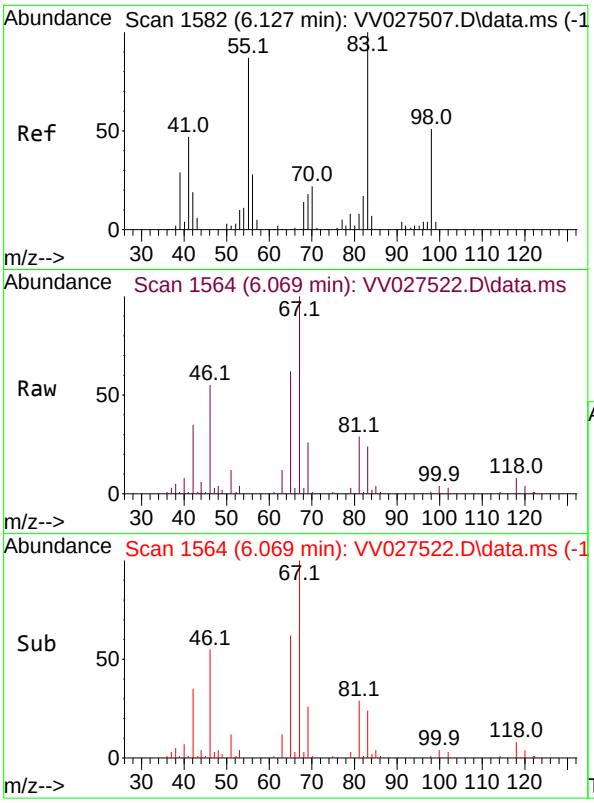


#34
Trichloroethene
Concen: 3.729 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Tgt Ion: 95 Resp: 39889

Ion	Ratio	Lower	Upper
95	100		
97	59.2	45.0	83.6
132	98.3	65.7	121.9
130	100.5	69.3	128.7



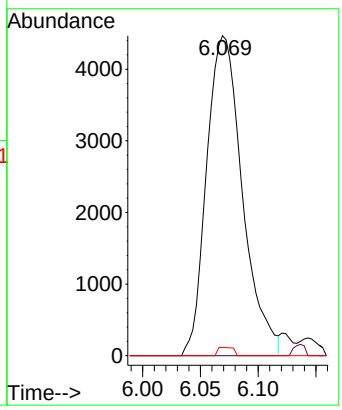


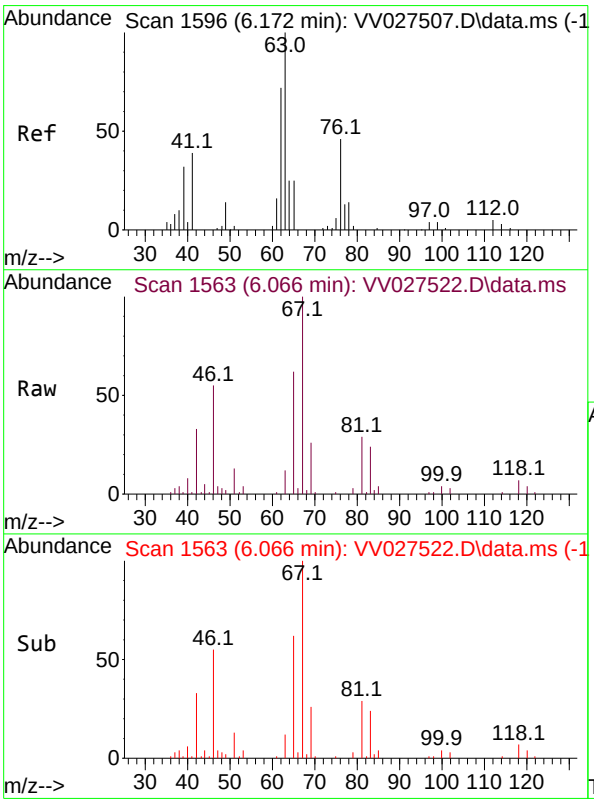
#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.069 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 9632

Ion	Ratio	Lower	Upper
83	100		
55	1.1	68.2	102.4#
98	1.1	39.0	58.4#

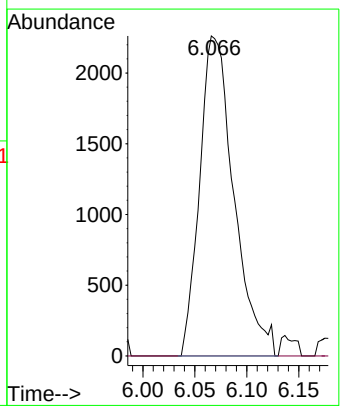


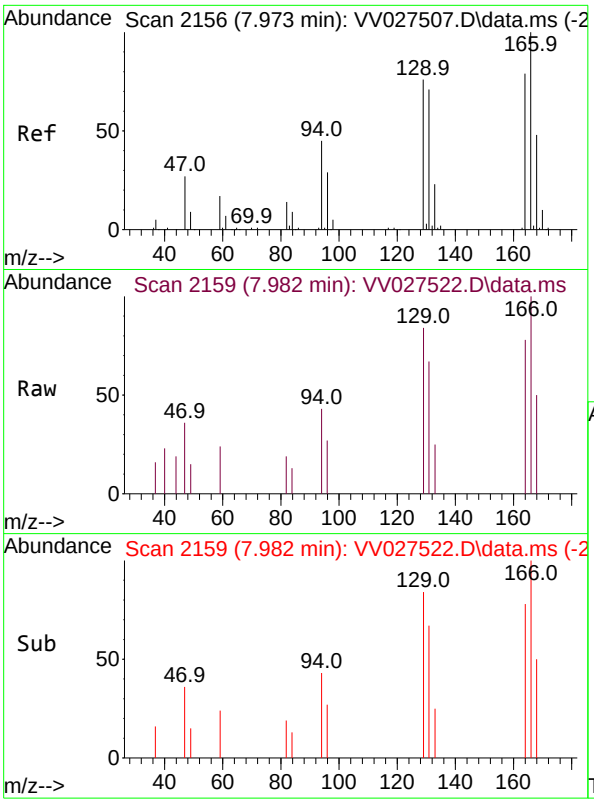


#37
1,2-Dichloropropane
Concen: 0.478 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Tgt Ion: 63 Resp: 5177

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#



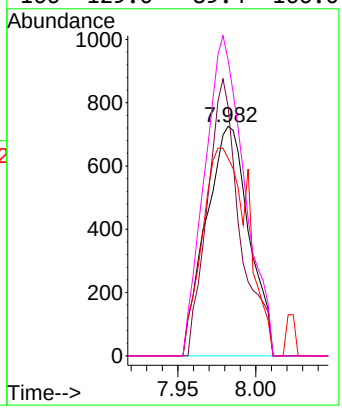


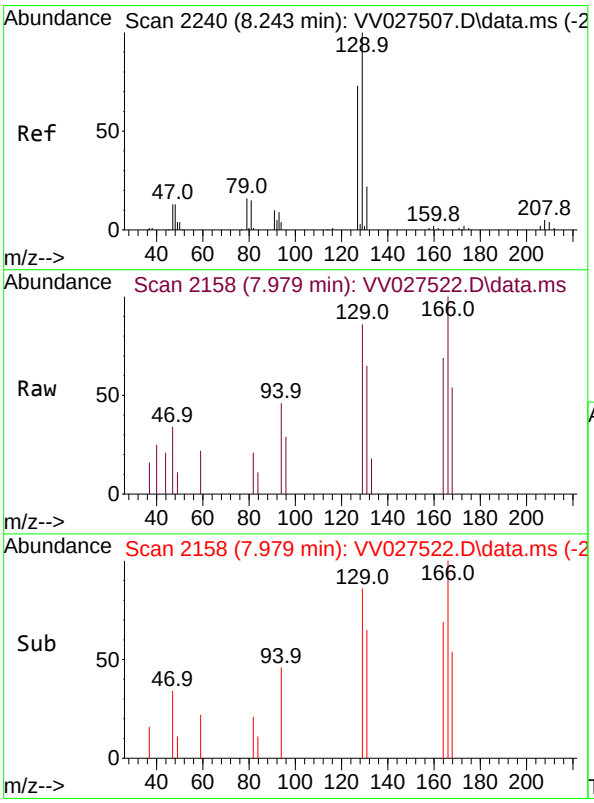
#47
Tetrachloroethene
Concen: 0.167 ug/L
RT: 7.982 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 1390

Ion	Ratio	Lower	Upper
164	100		
129	108.7	71.1	132.1
131	86.1	64.5	119.9
166	129.0	89.4	166.0

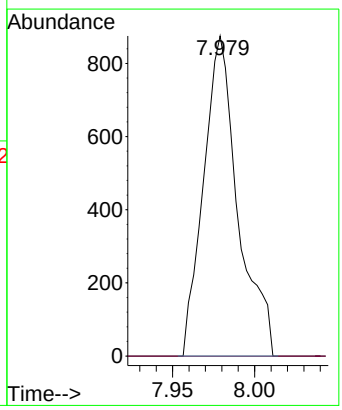


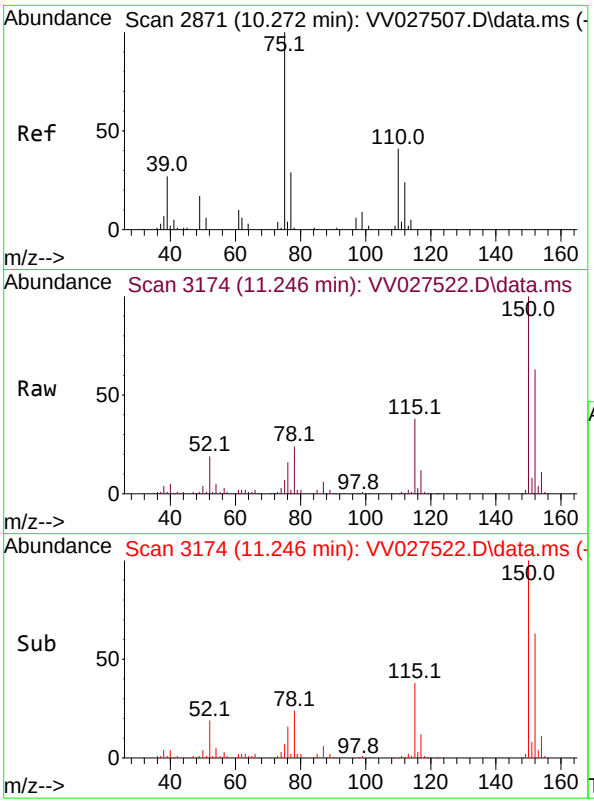


#49
Dibromochloromethane
Concen: 0.150 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.264 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Tgt Ion:129 Resp: 1276

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.9	103.7#





#61
1,2,3-Trichloropropane
Concen: 1.308 ug/L
RT: 11.246 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6020

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.2	39.2
110	2.3	29.9	44.9#