Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
Data File : VV028959.D
Acq On : 15 Nov 2022 00:08
Operator : SY/MD
Sample : N5604-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Quant Time: Nov 15 05:36:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 01:23:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	270584	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	249937	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	122365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71624	4.342	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.800%			
7) Chloroethane-d5	1.568	69	58993	4.068	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.400%			
11) 1,1-Dichloroethene-d2	2.108	63	90521	3.011	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.200%			
20) 2-Butanone-d5	3.886	46	77505	28.067	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 56.140%			
24) Chloroform-d	4.342	84	158735	4.687	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
26) 1,2-Dichloroethane-d4	5.030	65	72480	4.756	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.200%			
32) Benzene-d6	5.047	84	326083	4.371	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
36) 1,2-Dichloropropane-d6	6.066	67	94815	4.551	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.000%			
41) Toluene-d8	7.310	98	291833	4.346	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.000%			
43) trans-1,3-Dichloroprop...	7.622	79	24789	3.648	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.000%			
46) 2-Hexanone-d5	8.088	63	134690	46.443	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.880%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70216	4.862	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.200%			
66) 1,2-Dichlorobenzene-d4	11.615	152	110404	5.043	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.800%			
Target Compounds						Qvalue
3) Chloromethane	1.211	50	22110	1.181	ug/L #	44
5) Vinyl chloride	1.310	62	1701127	79.665	ug/L	89
8) Chloroethane	1.310	64	504673	40.220	ug/L #	45
12) 1,1-Dichloroethene	2.117	96	15364	0.938	ug/L #	1
14) Carbon disulfide	2.294	76	29783	0.512	ug/L	97
15) Methyl Acetate	2.436	43	4824	1.119	ug/L #	44
17) Methyl tert-butyl Ether	2.767	73	1529	0.044	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	523661	27.564	ug/L	96
19) 1,1-Dichloroethane	3.188	63	13222	0.426	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	3182777	164.792	ug/L	95
30) Cyclohexane	4.674	56	2091	0.070	ug/L #	82
33) Benzene	5.101	78	80903	1.059	ug/L	100
34) Trichloroethene	5.911	95	80147	4.099	ug/L	95
35) Methylcyclohexane	6.127	83	2359	0.069	ug/L	91
37) 1,2-Dichloropropane	6.066	63	10356	0.588	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2144	0.087	ug/L #	83
42) Toluene	7.387	91	75199	0.911	ug/L	97
51) Chlorobenzene	8.882	112	3005	0.059	ug/L	99
52) Ethylbenzene	9.011	91	37094	0.432	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
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Operator : SY/MD
Sample : N5604-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Quant Time: Nov 15 05:36:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 01:23:16 2022
Response via : Initial Calibration

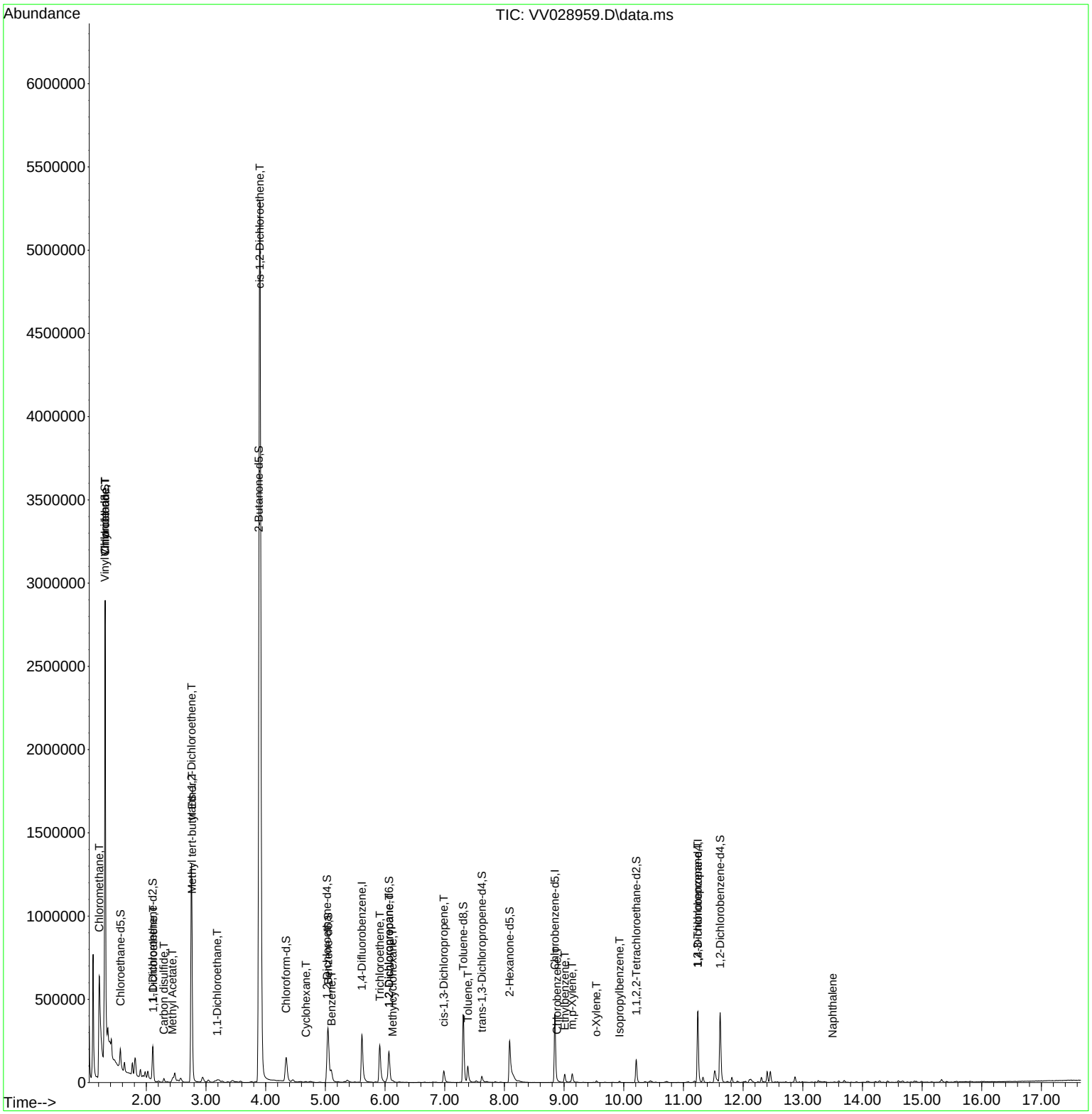
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) m,p-Xylene	9.136	106	16442	0.481	ug/L		96
54) o-Xylene	9.542	106	2897	0.089	ug/L		97
60) Isopropylbenzene	9.931	105	5341	0.067	ug/L		94
61) 1,2,3-Trichloropropane	11.239	75	12118	1.449	ug/L	#	63
71) Naphthalene	13.503	128	1624	0.058	ug/L	#	82

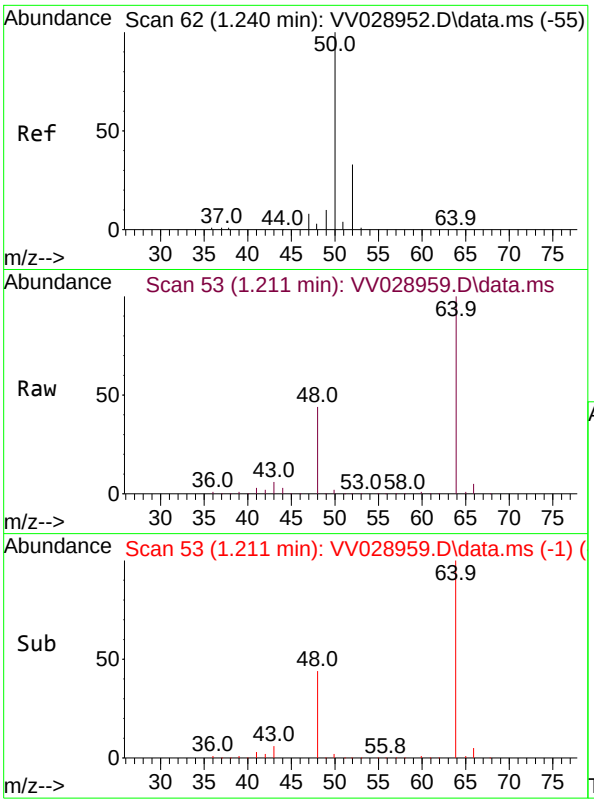
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
Data File : VV028959.D
Acq On : 15 Nov 2022 00:08
Operator : SY/MD
Sample : N5604-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Quant Time: Nov 15 05:36:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 01:23:16 2022
Response via : Initial Calibration



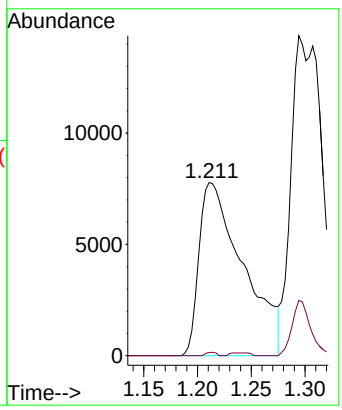


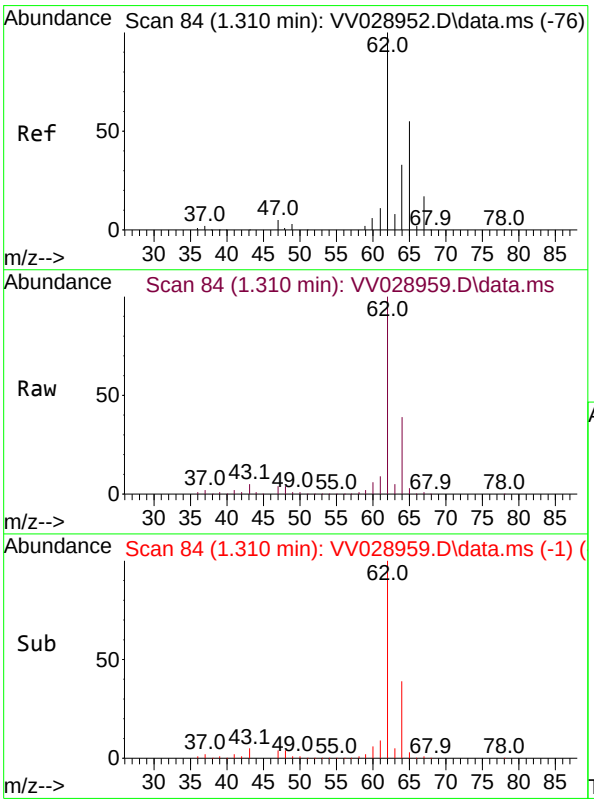
#3
Chloromethane
Concen: 1.181 ug/L
RT: 1.211 min Scan# 5
Delta R.T. -0.029 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 50 Resp: 22110

Ion	Ratio	Lower	Upper
50	100		
52	1.9	23.7	43.9#

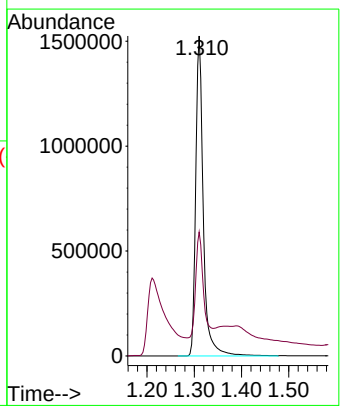


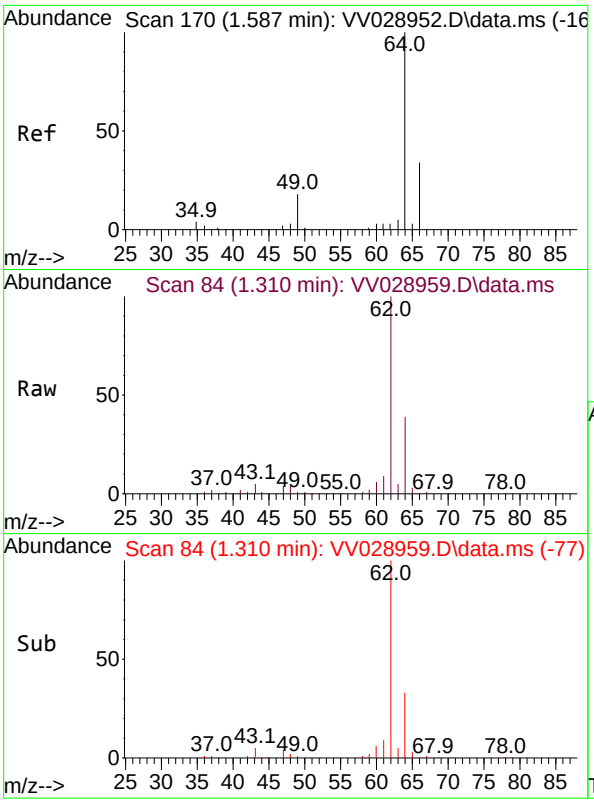


#5
Vinyl chloride
Concen: 79.665 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 62 Resp: 1701127

Ion	Ratio	Lower	Upper
62	100		
64	38.8	22.8	42.4



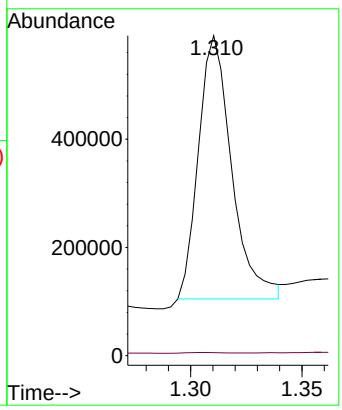


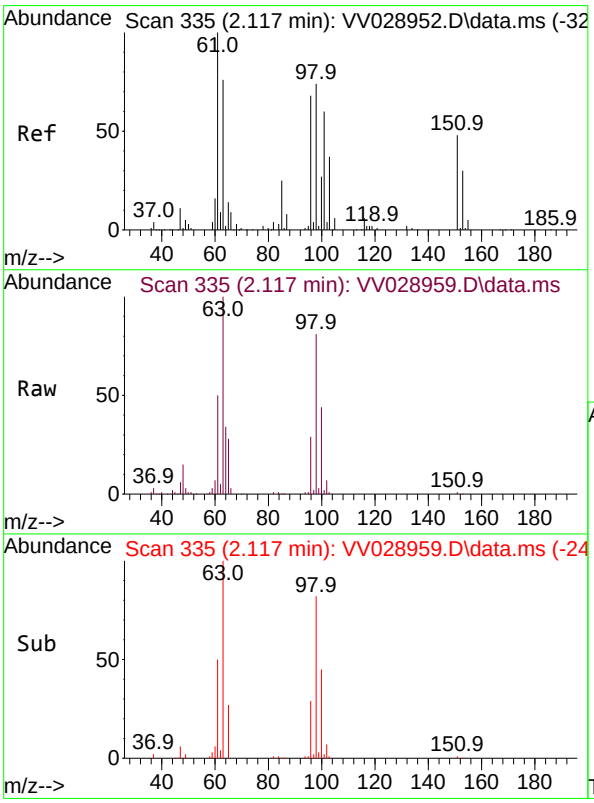
#8
Chloroethane
Concen: 40.220 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.276 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 64 Resp: 504673

Ion	Ratio	Lower	Upper
64	100		
66	0.9	22.0	40.8#

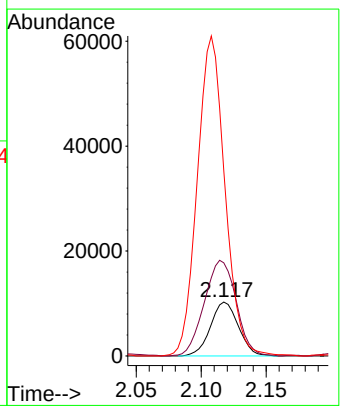


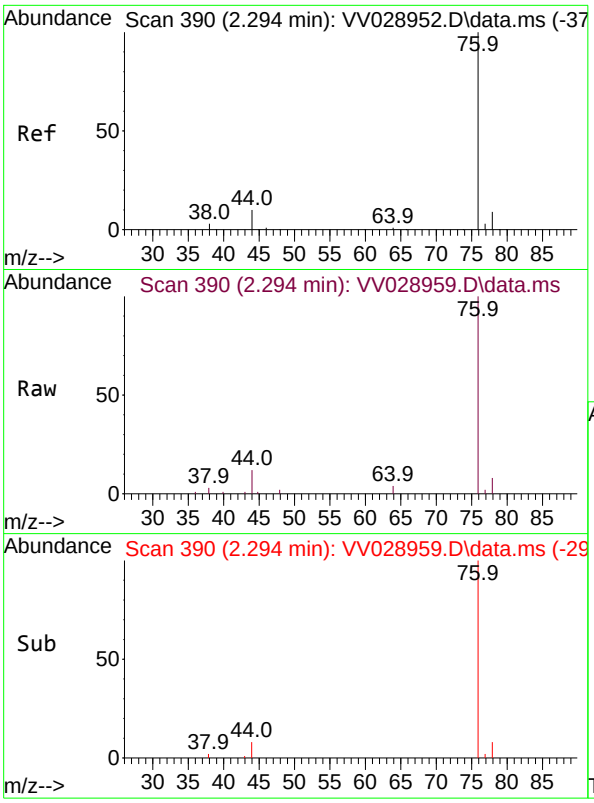


#12
1,1-Dichloroethene
Concen: 0.938 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 96 Resp: 15364

Ion	Ratio	Lower	Upper
96	100		
61	172.5	104.2	193.4
63	343.0	75.9	140.9#



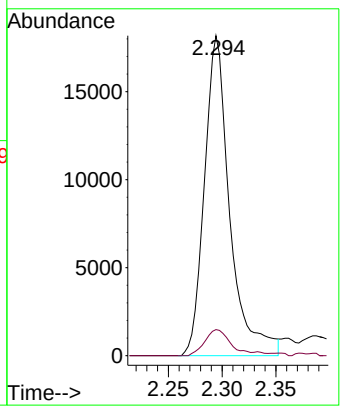


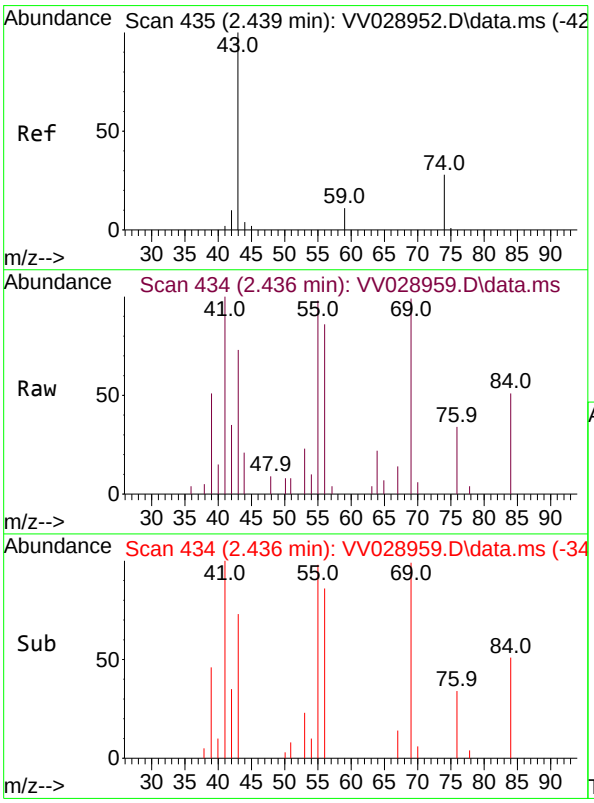
#14
Carbon disulfide
Concen: 0.512 ug/L
RT: 2.294 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 76 Resp: 29783

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.4	11.2

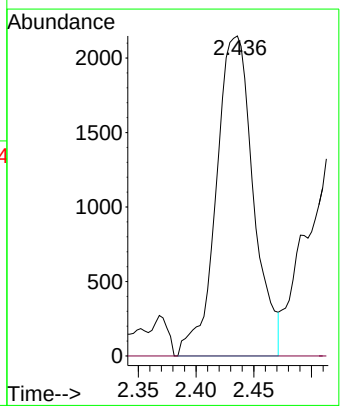


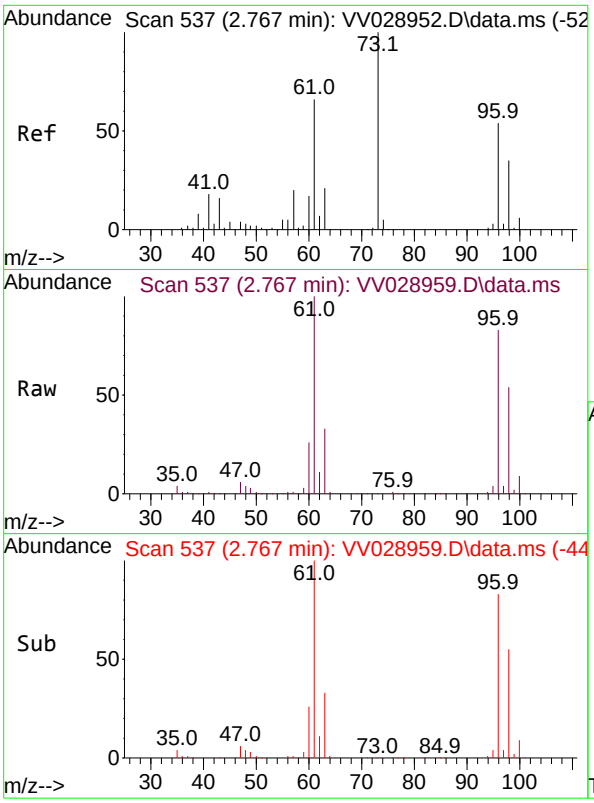


#15
Methyl Acetate
Concen: 1.119 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 43 Resp: 4824

Ion	Ratio	Lower	Upper
43	100		
74	0.0	24.6	37.0#



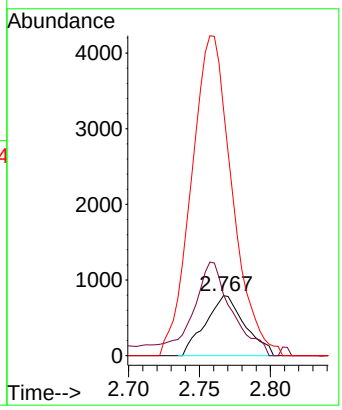


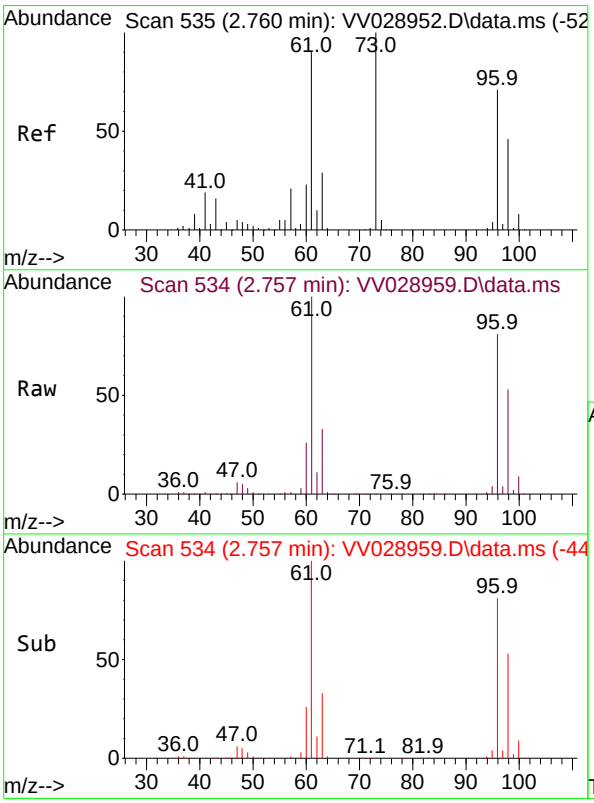
#17
Methyl tert-butyl Ether
Concen: 0.044 ug/L
RT: 2.767 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 73 Resp: 1529

Ion	Ratio	Lower	Upper
73	100		
43	162.1	13.0	19.4#
57	551.7	16.6	24.8#

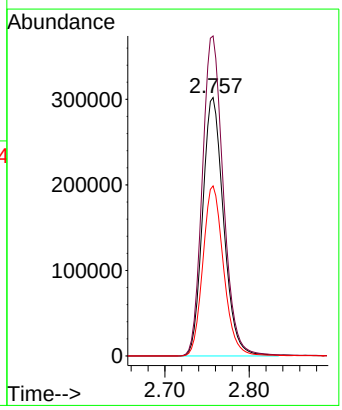


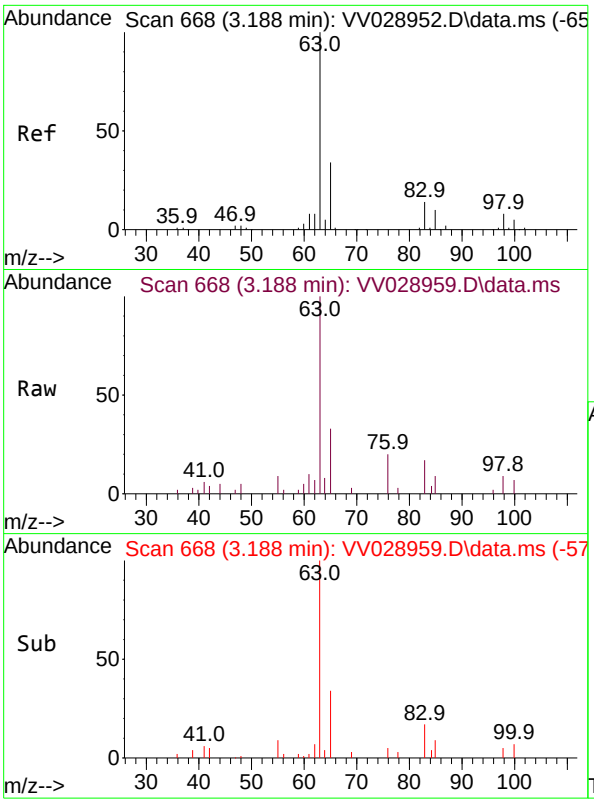


#18
trans-1,2-Dichloroethene
Concen: 27.564 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 96 Resp: 523661

Ion	Ratio	Lower	Upper
96	100		
61	123.8	91.8	170.6
98	65.8	46.4	86.2



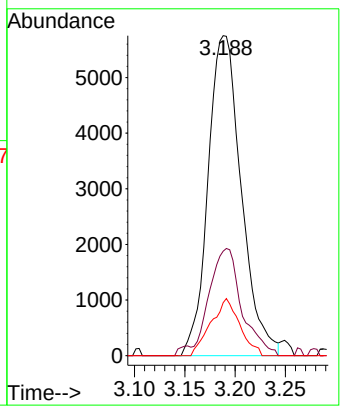


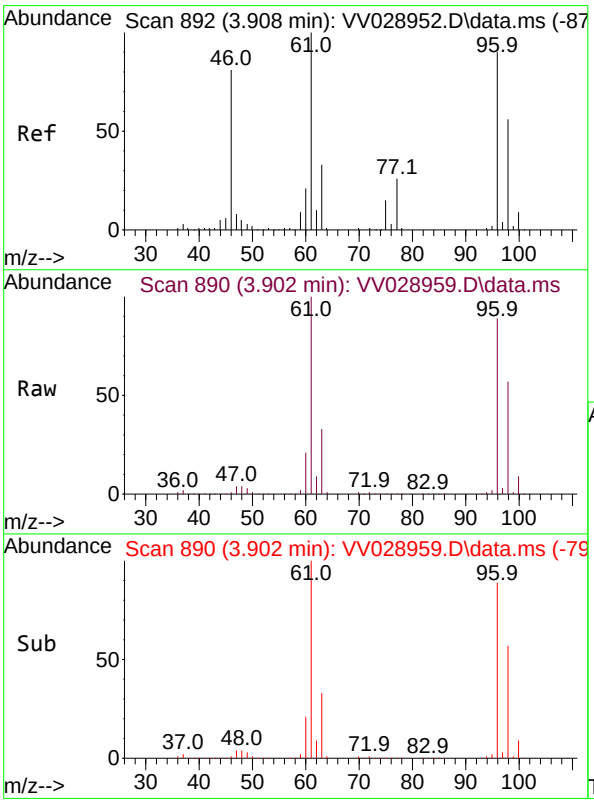
#19
1,1-Dichloroethane
Concen: 0.426 ug/L
RT: 3.188 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 63 Resp: 13222

Ion	Ratio	Lower	Upper
63	100		
65	32.6	23.0	42.6
83	16.6	9.4	17.6

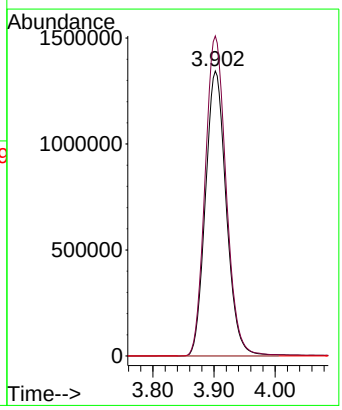


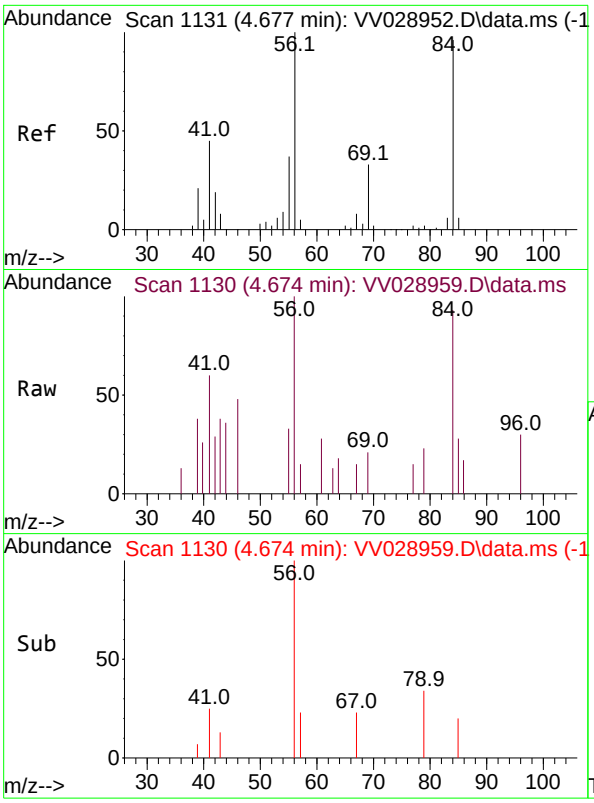


#22
cis-1,2-Dichloroethene
Concen: 164.792 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.006 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 96 Resp: 3182777

Ion	Ratio	Lower	Upper
96	100		
61	112.3	82.3	152.9
68	0.0	0.0	0.0



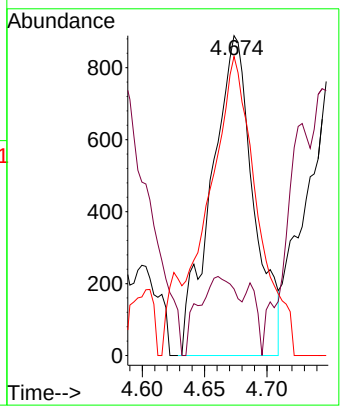


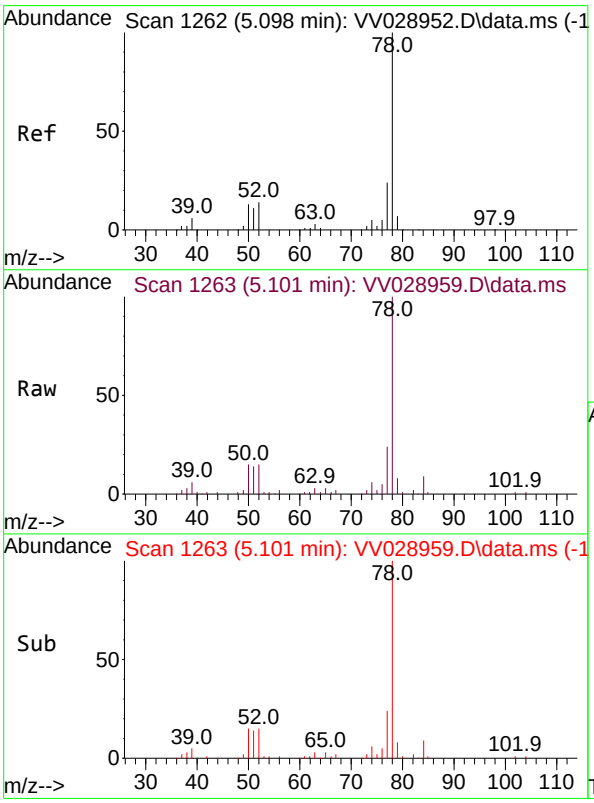
#30
Cyclohexane
Concen: 0.070 ug/L
RT: 4.674 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 56 Resp: 2091

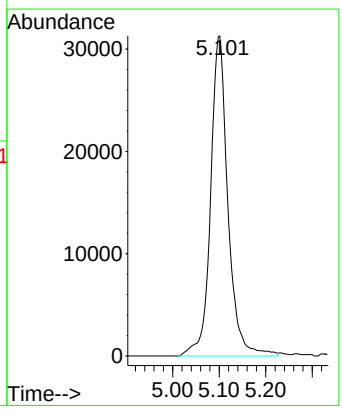
Ion	Ratio	Lower	Upper
56	100		
69	6.2	26.1	39.1#
84	105.1	77.9	116.9

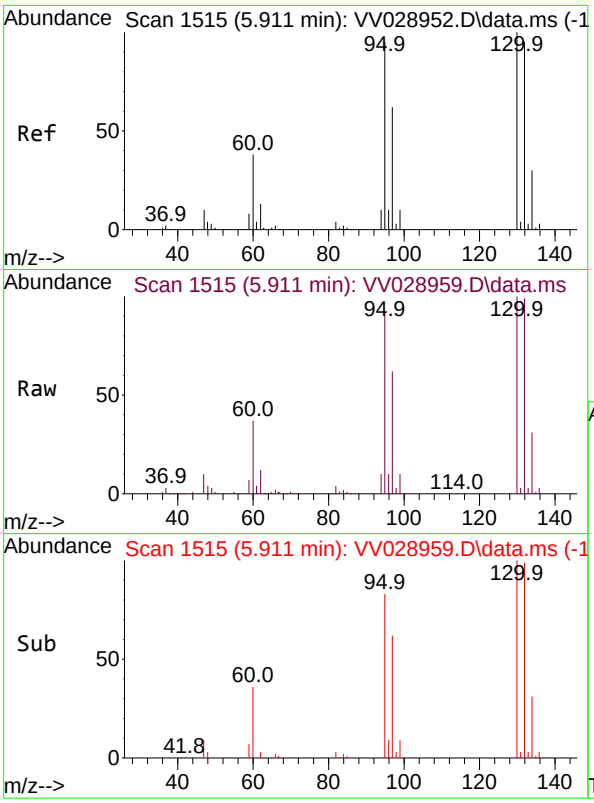




#33
Benzene
Concen: 1.059 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 78 Resp: 80903



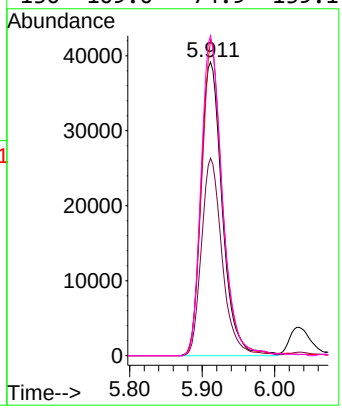


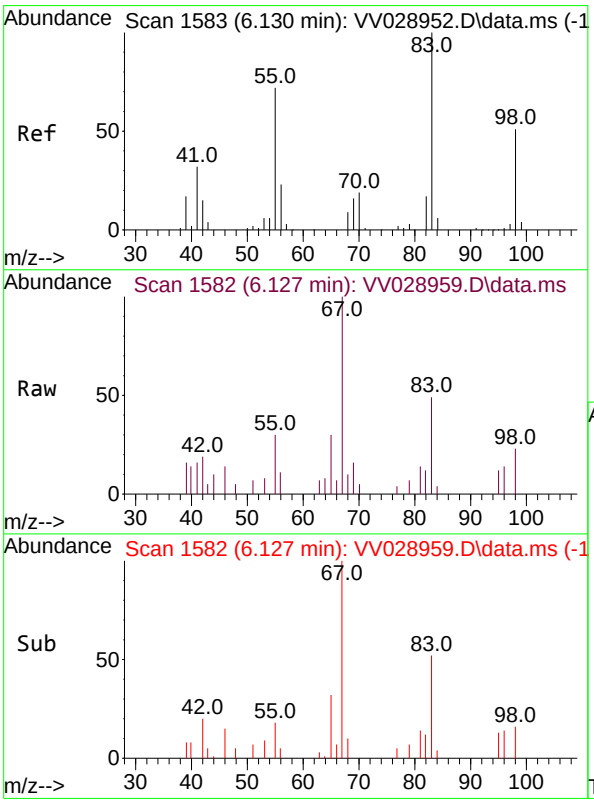
#34
Trichloroethene
Concen: 4.099 ug/L
RT: 5.911 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 95 Resp: 80147

Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.6	84.8
132	107.6	69.1	128.3
130	109.0	74.9	139.1

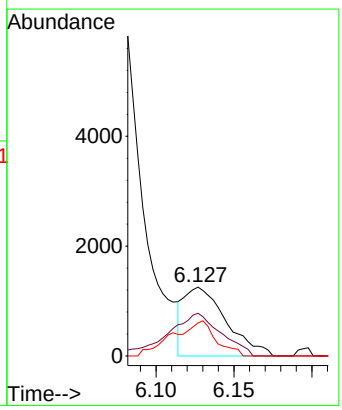


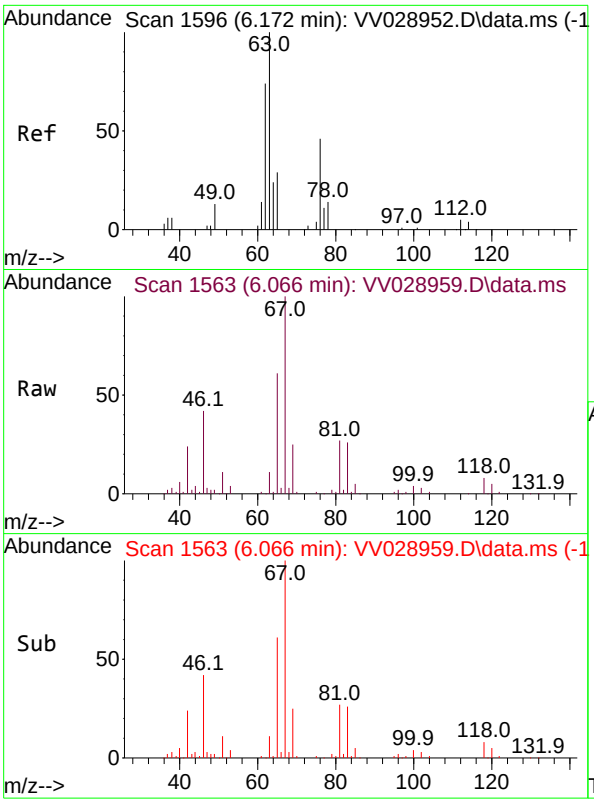


#35
Methylcyclohexane
Concen: 0.069 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 83 Resp: 2359

Ion	Ratio	Lower	Upper
83	100		
55	78.1	55.8	83.6
98	52.0	38.2	57.2



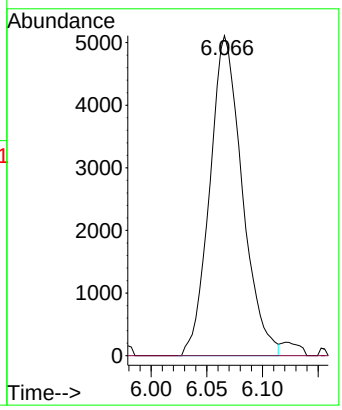


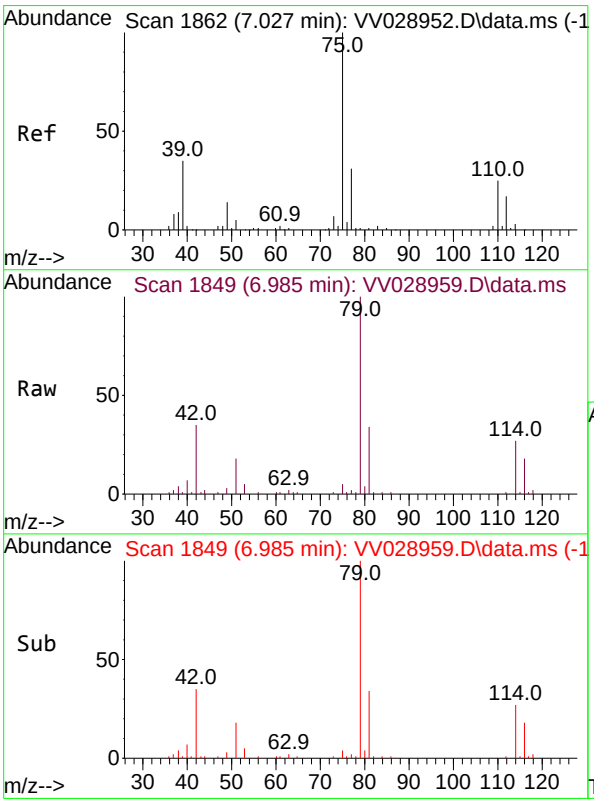
#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 63 Resp: 10356

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

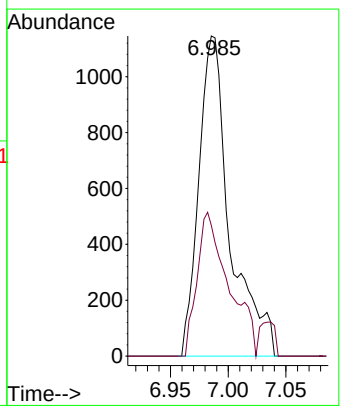


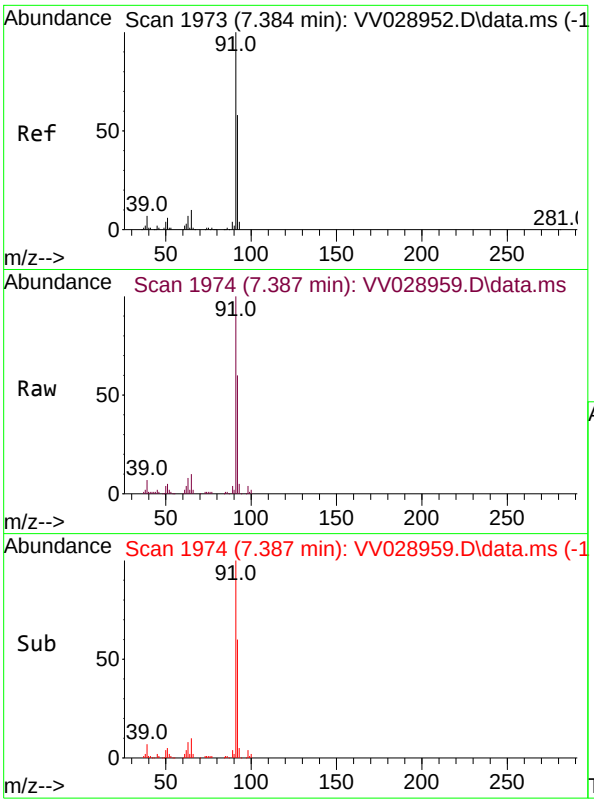


#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion: 75 Resp: 2144

Ion	Ratio	Lower	Upper
75	100		
77	40.8	21.8	40.6#



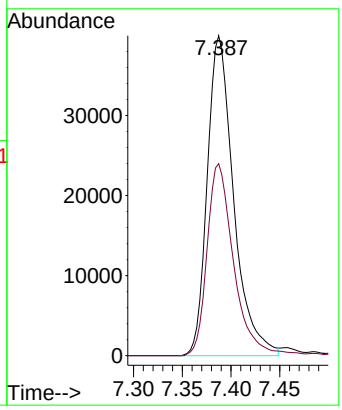


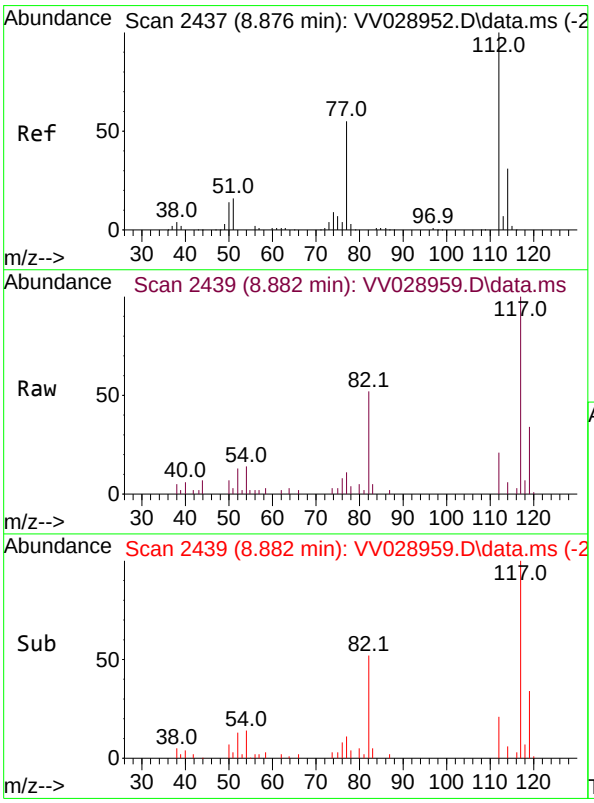
#42
Toluene
Concen: 0.911 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 91 Resp: 75199

Ion	Ratio	Lower	Upper
91	100		
92	60.0	40.7	75.5

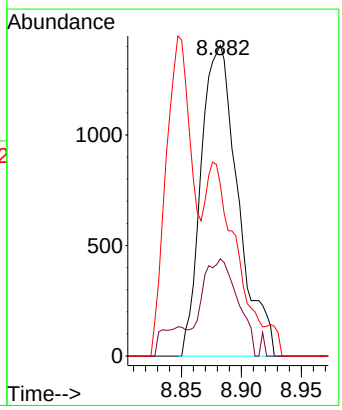


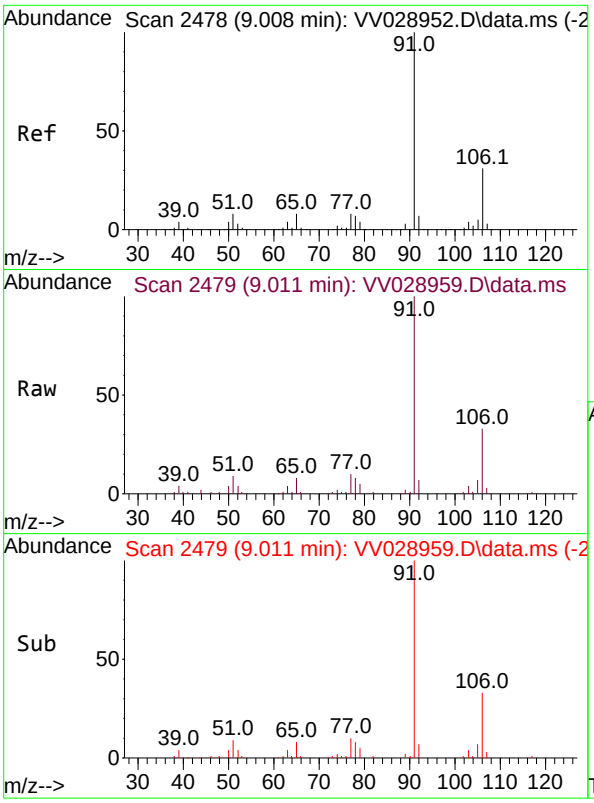


#51
Chlorobenzene
Concen: 0.059 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.006 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion:112 Resp: 3005

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.4	41.6
77	55.2	44.4	66.6



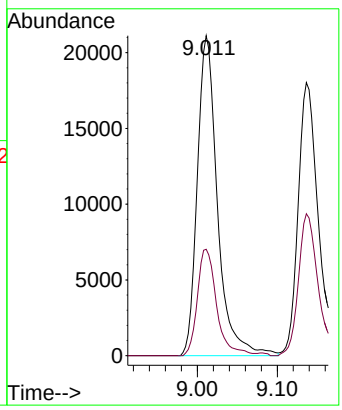


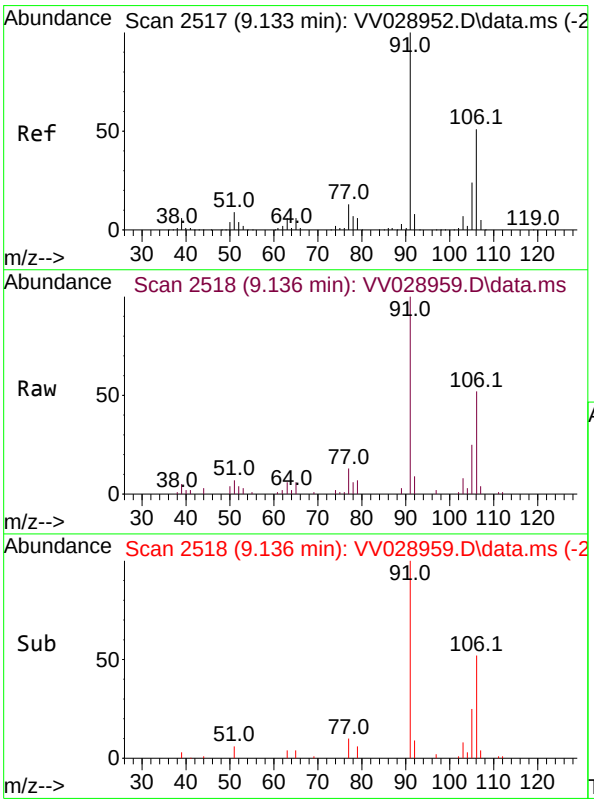
#52
Ethylbenzene
Concen: 0.432 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 91 Resp: 37094

Ion	Ratio	Lower	Upper
91	100		
106	33.2	21.6	40.2

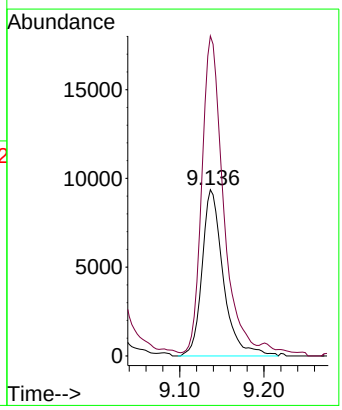


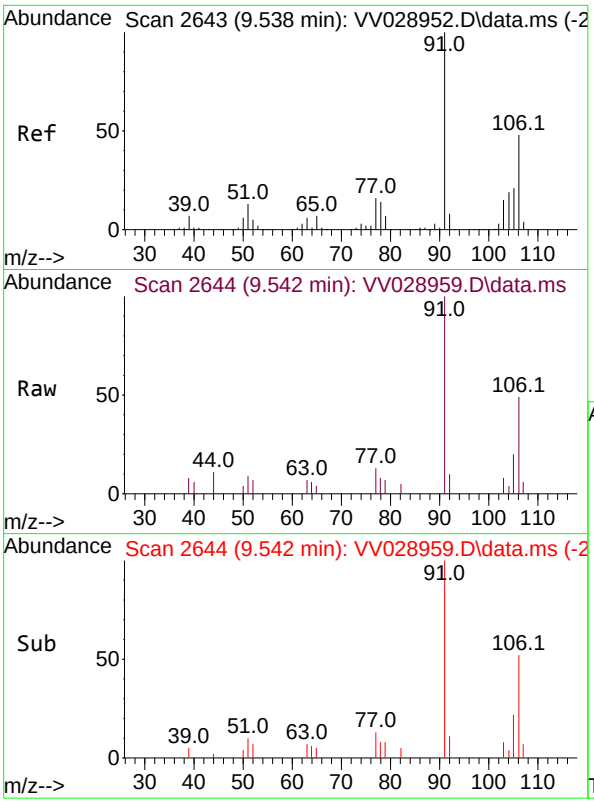


#53
m,p-Xylene
Concen: 0.481 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion:106 Resp: 16442

Ion	Ratio	Lower	Upper
106	100		
91	192.5	139.1	258.3



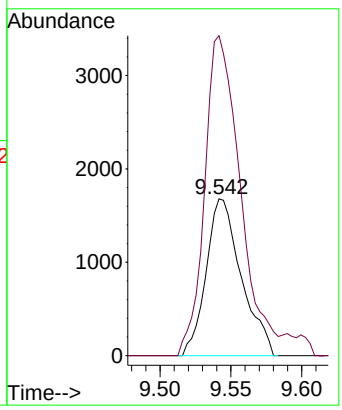


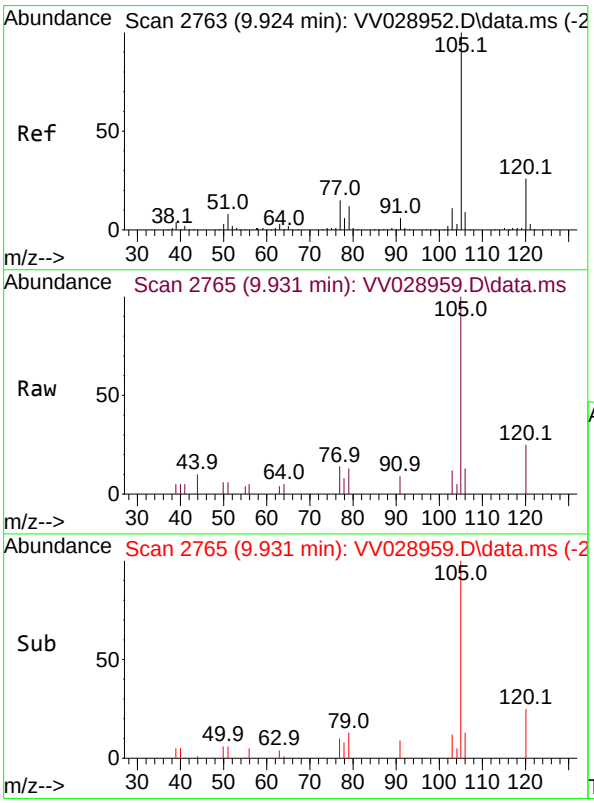
#54
o-Xylene
Concen: 0.089 ug/L
RT: 9.542 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion:106 Resp: 2897

Ion	Ratio	Lower	Upper
106	100		
91	204.1	145.7	270.7

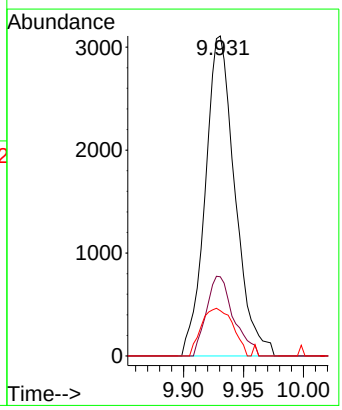


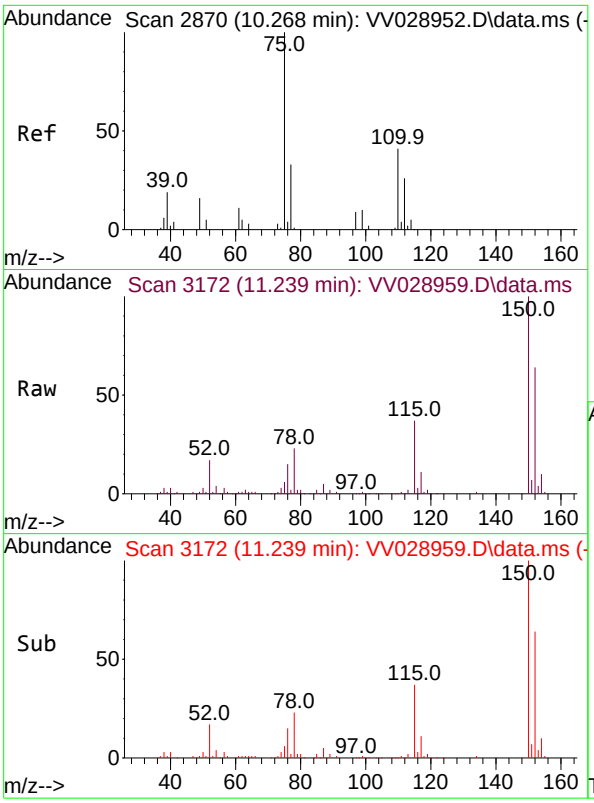


#60
Isopropylbenzene
Concen: 0.067 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.007 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion:105 Resp: 5341

Ion	Ratio	Lower	Upper
105	100		
120	22.9	21.3	31.9
77	15.9	11.8	17.8



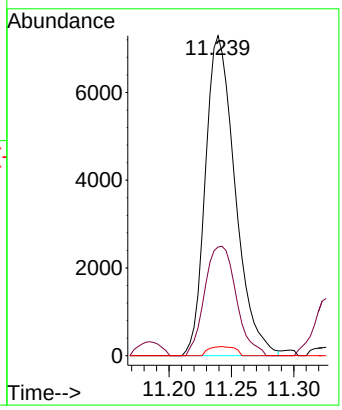


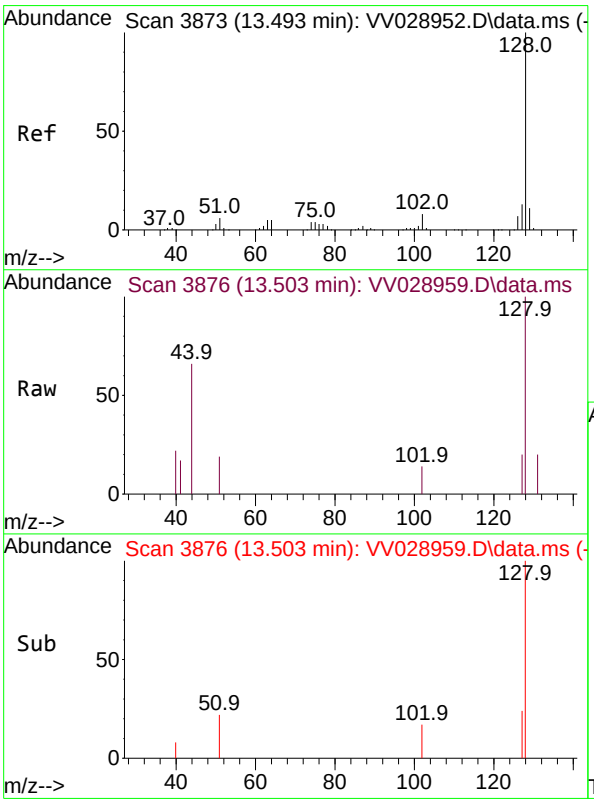
#61
1,2,3-Trichloropropane
Concen: 1.449 ug/L
RT: 11.239 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Instrument :
MSVOA_V
ClientSampleId :
H46C0

Tgt Ion: 75 Resp: 12118

Ion	Ratio	Lower	Upper
75	100		
77	36.2	26.2	39.2
110	2.5	32.6	48.8#





#71
Naphthalene
Concen: 0.058 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV028959.D
Acq: 15 Nov 2022 00:08

Tgt Ion:128 Resp: 1624

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	9.1	9.8	14.8#