Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028255.D
Acq On : 01 Oct 2022 03:28
Operator : SY/MD
Sample : N4856-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Quant Time: Oct 01 04:28:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	224215	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	221108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	123254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	62710	2.698	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 54.000%			
7) Chloroethane-d5	1.561	69	62215	3.366	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.400%			
11) 1,1-Dichloroethene-d2	2.098	63	93148	2.310	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 46.200%#			
20) 2-Butanone-d5	3.899	46	146507	37.333	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.660%			
24) Chloroform-d	4.342	84	146241	3.943	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.800%			
26) 1,2-Dichloroethane-d4	5.040	65	66211	3.751	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.000%			
32) Benzene-d6	5.050	84	297999	4.110	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.200%			
36) 1,2-Dichloropropane-d6	6.063	67	91824	4.063	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.200%			
41) Toluene-d8	7.310	98	277788	4.233	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
43) trans-1,3-Dichloroprop...	7.619	79	28677	3.513	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.200%			
46) 2-Hexanone-d5	8.085	63	155898	45.752	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.500%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	66267	4.289	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.800%			
66) 1,2-Dichlorobenzene-d4	11.619	152	110674	4.578	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.600%			
Target Compounds						Qvalue
3) Chloromethane	1.211	50	24274	1.095	ug/L #	66
5) Vinyl chloride	1.301	62	924	0.053	ug/L #	1
8) Chloroethane	1.413	64	125338	10.750	ug/L #	50
13) Acetone	2.124	43	282431	93.435	ug/L	53
14) Carbon disulfide	2.285	76	7088	0.238	ug/L	100
15) Methyl Acetate	2.490	43	4870746	830.067	ug/L #	55
16) Methylene chloride	2.439	84	33361	1.929	ug/L #	1
17) Methyl tert-butyl Ether	2.754	73	1535	0.046	ug/L #	1
19) 1,1-Dichloroethane	3.204	63	2213	0.075	ug/L #	1
21) 2-Butanone	3.870	43	75474	20.168	ug/L #	52
22) cis-1,2-Dichloroethene	3.902	96	855	0.048	ug/L #	51
25) Chloroform	4.397	83	45872	1.445	ug/L #	67
27) 1,2-Dichloroethane	5.137	62	2010853	118.768	ug/L	100
30) Cyclohexane	4.670	56	1238057	63.010	ug/L	95
34) Trichloroethene	5.934	95	7382	0.483	ug/L #	20
35) Methylcyclohexane	6.124	83	441776	21.077	ug/L	90
38) Bromodichloromethane	6.539	83	6400	0.301	ug/L #	29
40) 4-Methyl-2-pentanone	7.220	43	10761	1.287	ug/L #	43
42) Toluene	7.381	91	4356824	68.026	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028255.D
Acq On : 01 Oct 2022 03:28
Operator : SY/MD
Sample : N4856-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Quant Time: Oct 01 04:28:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) trans-1,3-Dichloropropene	7.728	75	3091	0.168	ug/L		97
45) 1,1,2-Trichloroethane	7.783	97	102235	8.861	ug/L	#	20
50) 1,2-Dibromoethane	8.362	107	340	0.034	ug/L	#	1
52) Ethylbenzene	9.136	91	10646964	157.136	ug/L	#	58
53) m,p-Xylene	9.136	106	5606245	215.903	ug/L		89
54) o-Xylene	9.542	106	128023	4.993	ug/L		99
55) Styrene	9.542	104	11230	0.253	ug/L	#	1
57) 1,1,2,2-Tetrachloroethane	10.239	83	2482	0.185	ug/L	#	70
60) Isopropylbenzene	9.927	105	921825	12.742	ug/L		99
61) 1,2,3-Trichloropropane	10.349	75	21896	2.118	ug/L	#	1
62) 1,3,5-Trimethylbenzene	10.535	105	1720892	84.449	ug/L		99
63) 1,2,4-Trimethylbenzene	10.911	105	6923935	121.552	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.410	75	4027	1.777	ug/L	#	1
71) Naphthalene	13.496	128	1471939	39.445	ug/L		98

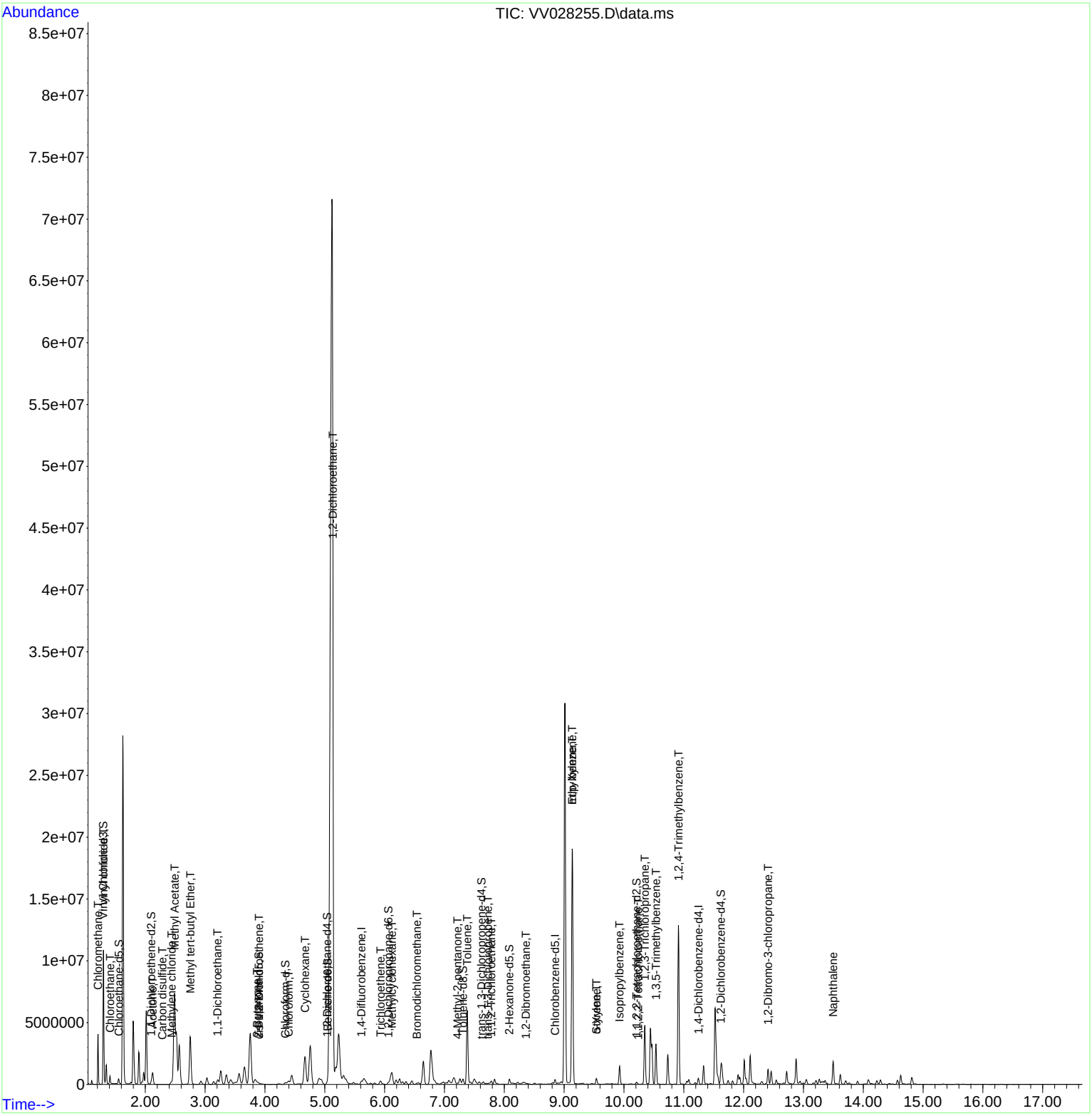
(#) = qualifier out of range (m) = manual integration (+) = signals summed

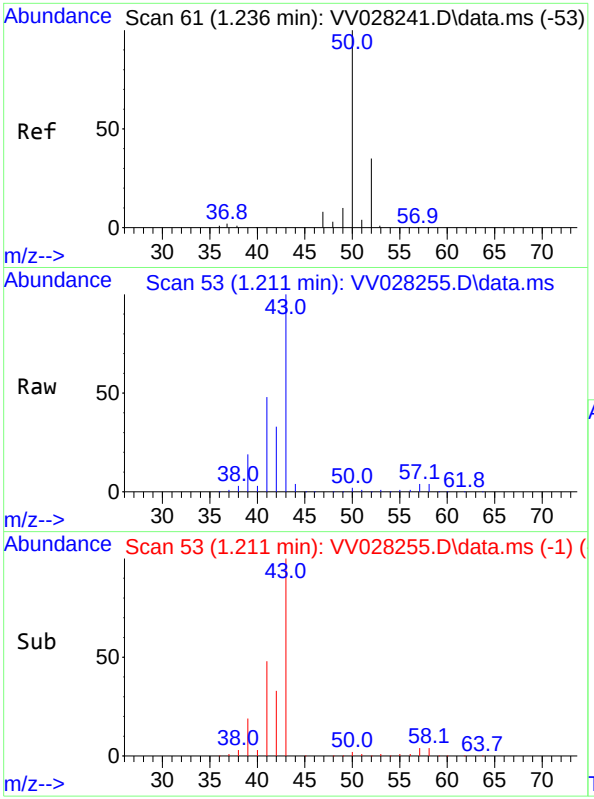
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028255.D
Acq On : 01 Oct 2022 03:28
Operator : SY/MD
Sample : N4856-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Quant Time: Oct 01 04:28:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration



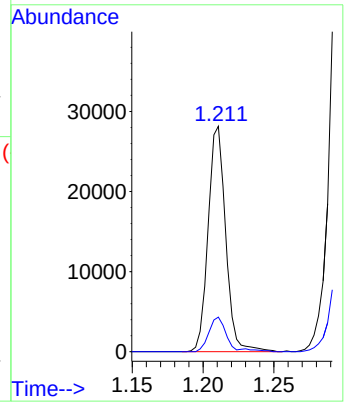


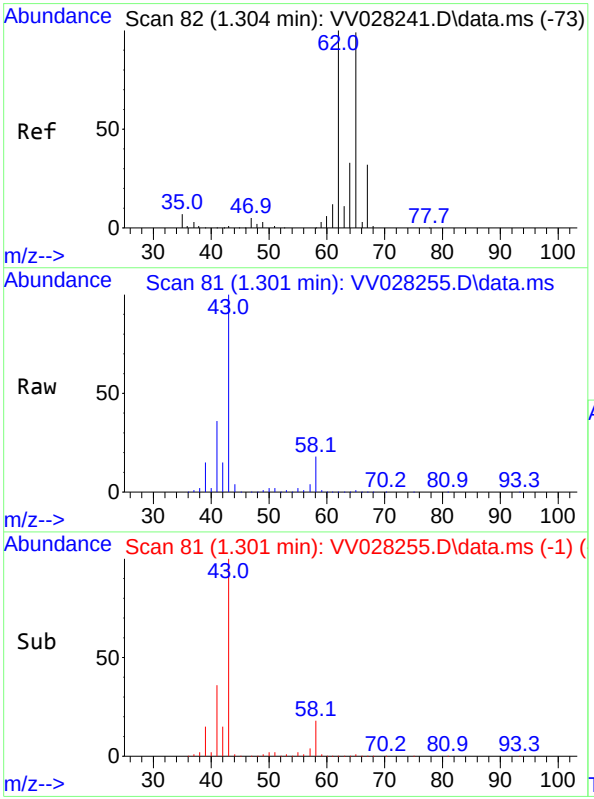
#3
Chloromethane
Concen: 1.095 ug/L
RT: 1.211 min Scan# 5
Delta R.T. -0.026 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 50 Resp: 24274

Ion	Ratio	Lower	Upper
50	100		
52	15.3	24.4	45.2#

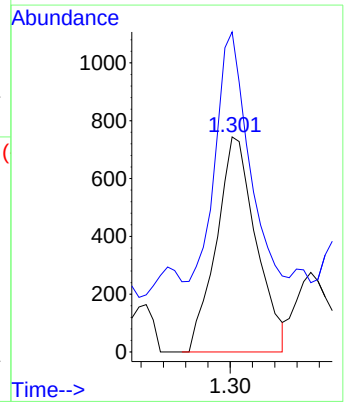


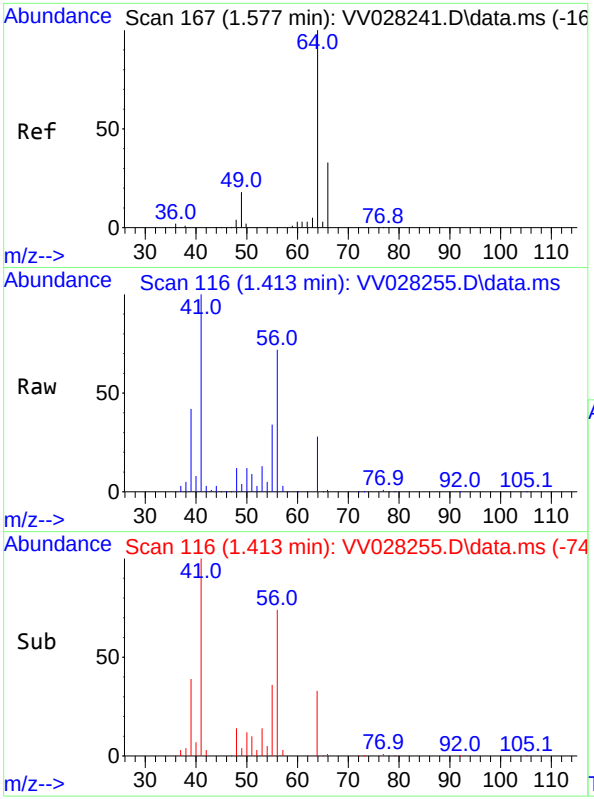


#5
Vinyl chloride
Concen: 0.053 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 62 Resp: 924

Ion	Ratio	Lower	Upper
62	100		
64	148.8	23.0	42.8#



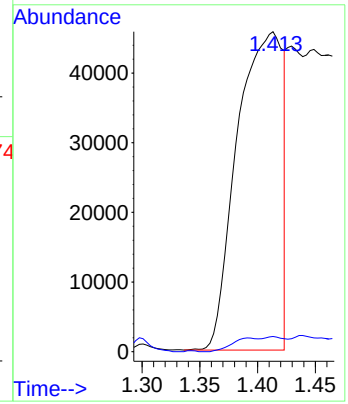


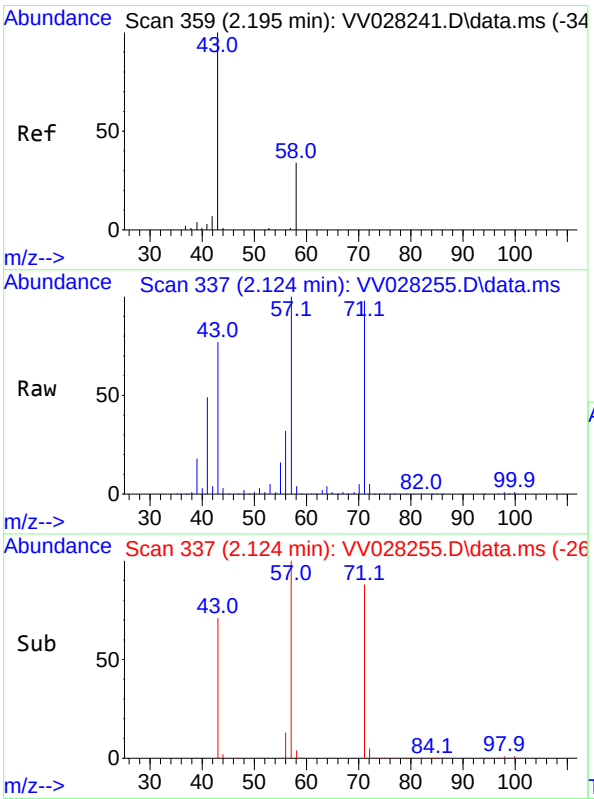
#8
Chloroethane
Concen: 10.750 ug/L
RT: 1.413 min Scan# 1
Delta R.T. -0.164 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 64 Resp: 125338

Ion	Ratio	Lower	Upper
64	100		
66	4.8	23.0	42.8#

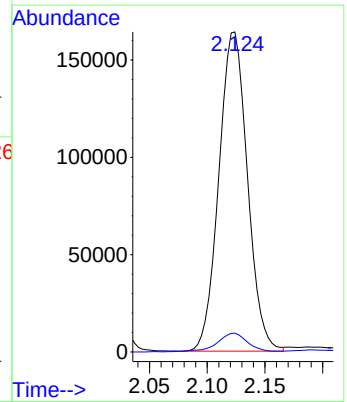


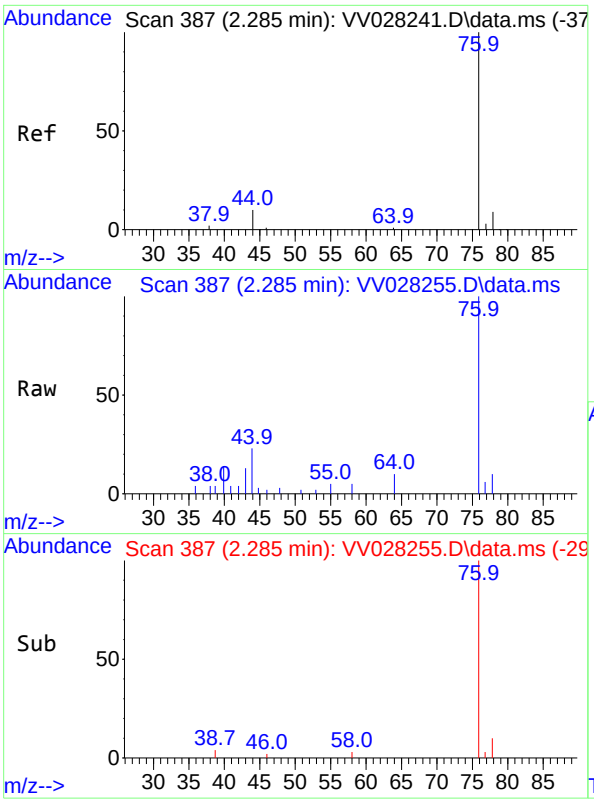


#13
Acetone
Concen: 93.435 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.064 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 43 Resp: 282431

Ion	Ratio	Lower	Upper
43	100		
58	6.2	0.0	65.6



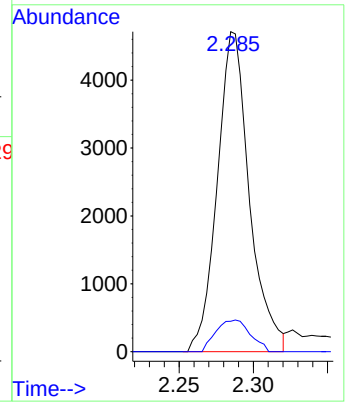


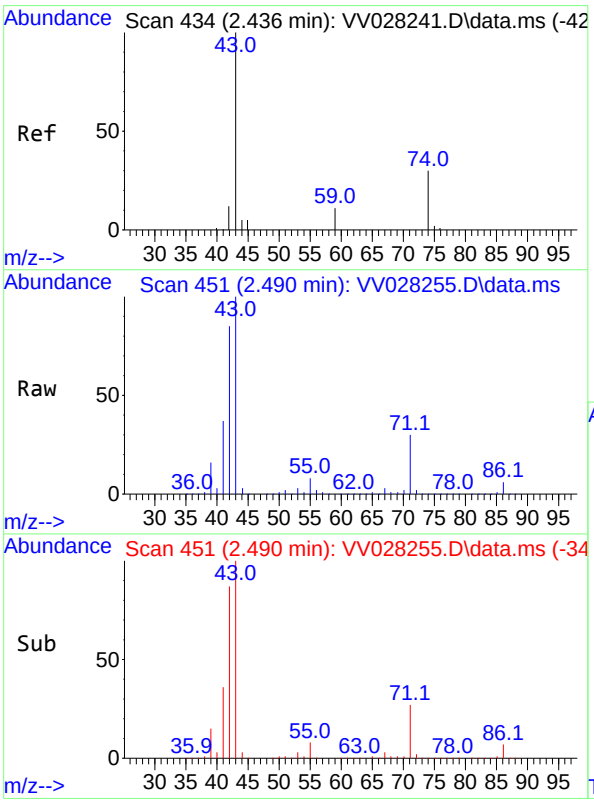
#14
Carbon disulfide
Concen: 0.238 ug/L
RT: 2.285 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 76 Resp: 7088

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.6	11.4

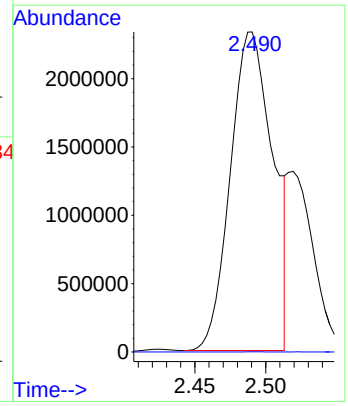


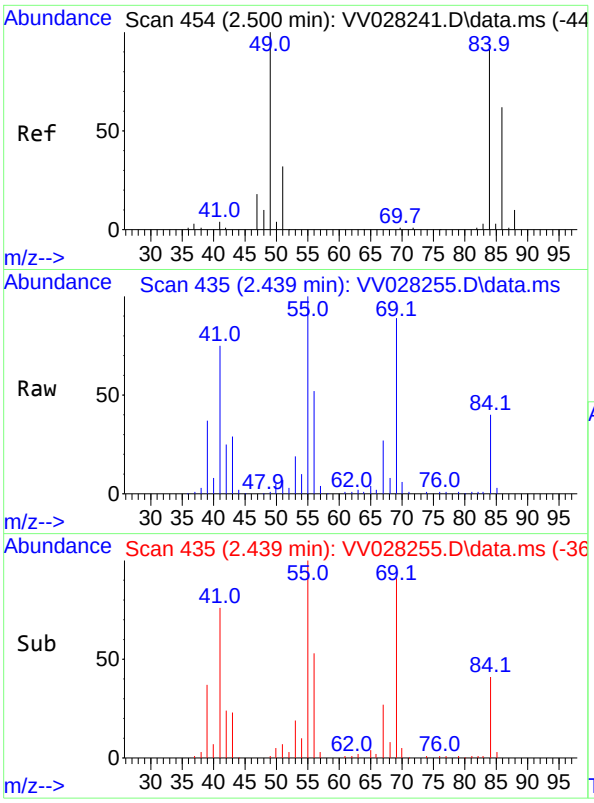


#15
Methyl Acetate
Concen: 830.067 ug/L
RT: 2.490 min Scan# 451
Delta R.T. 0.055 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 43 Resp: 4870746

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.9	25.3#



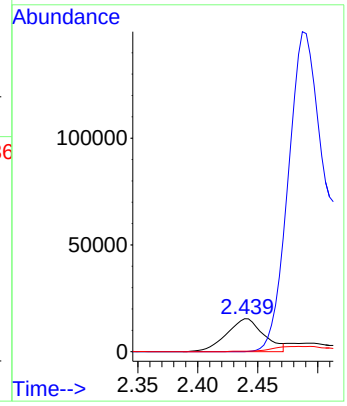


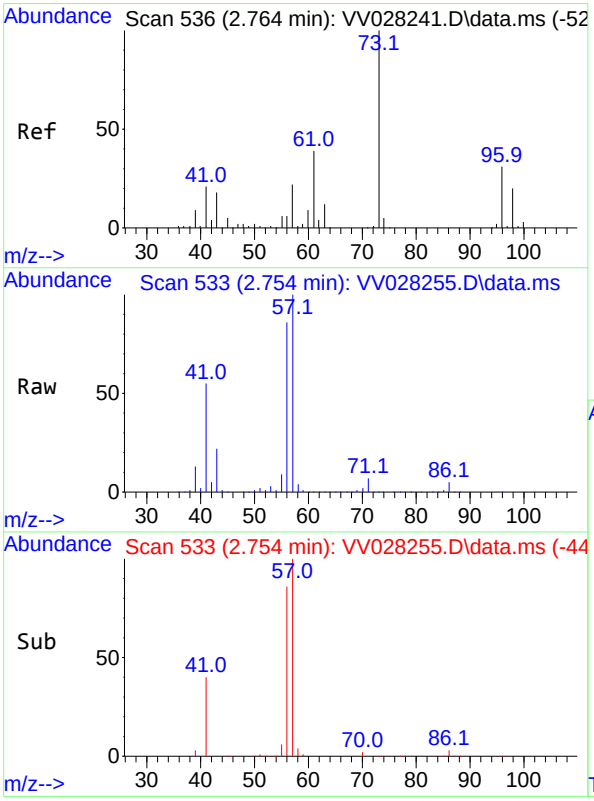
#16
Methylene chloride
Concen: 1.929 ug/L
RT: 2.439 min Scan# 4
Delta R.T. -0.058 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 84 Resp: 33361

Ion	Ratio	Lower	Upper
84	100		
86	0.0	46.8	86.8#
49	1.6	87.5	162.5#

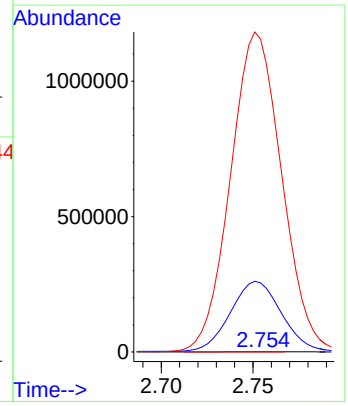


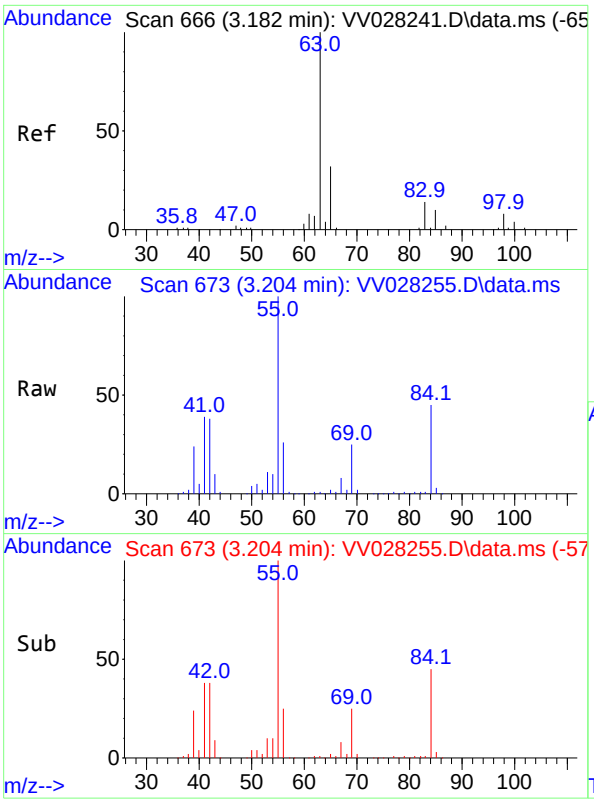


#17
Methyl tert-butyl Ether
Concen: 0.046 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.010 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 73 Resp: 1535

Ion	Ratio	Lower	Upper
73	100		
43	32996.8	15.7	23.5#
57	149767.4	17.8	26.8#



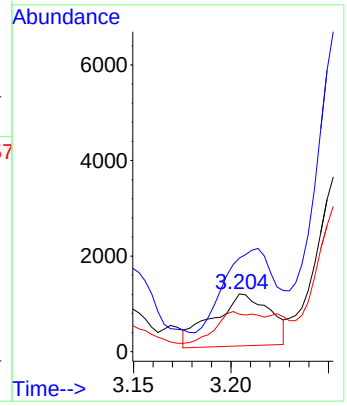


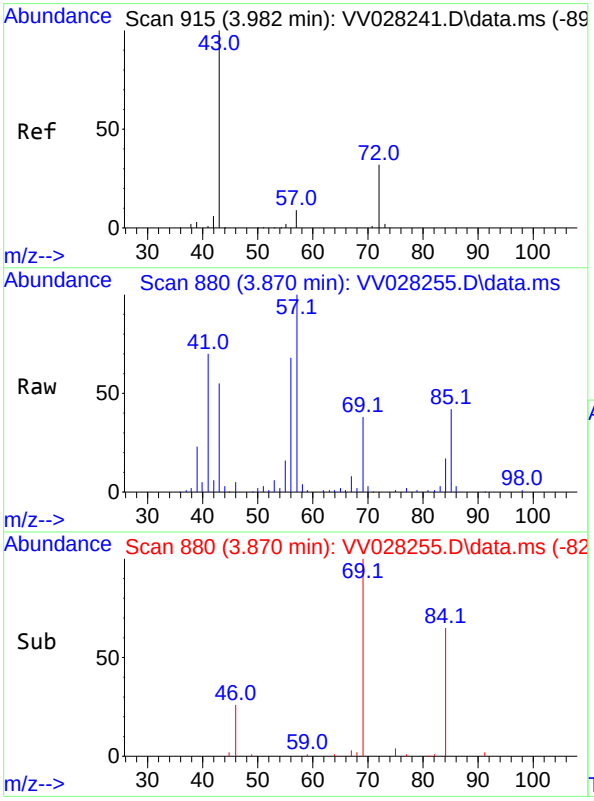
#19
1,1-Dichloroethane
Concen: 0.075 ug/L
RT: 3.204 min Scan# 6
Delta R.T. 0.022 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 63 Resp: 2213

Ion	Ratio	Lower	Upper
63	100		
65	132.1	23.0	42.8#
83	53.0	9.2	17.2#

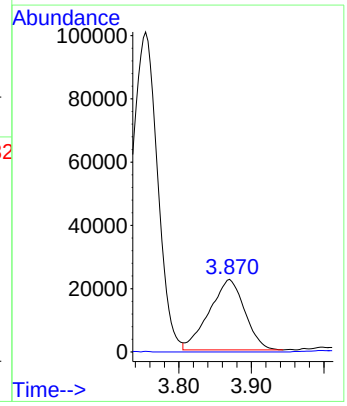


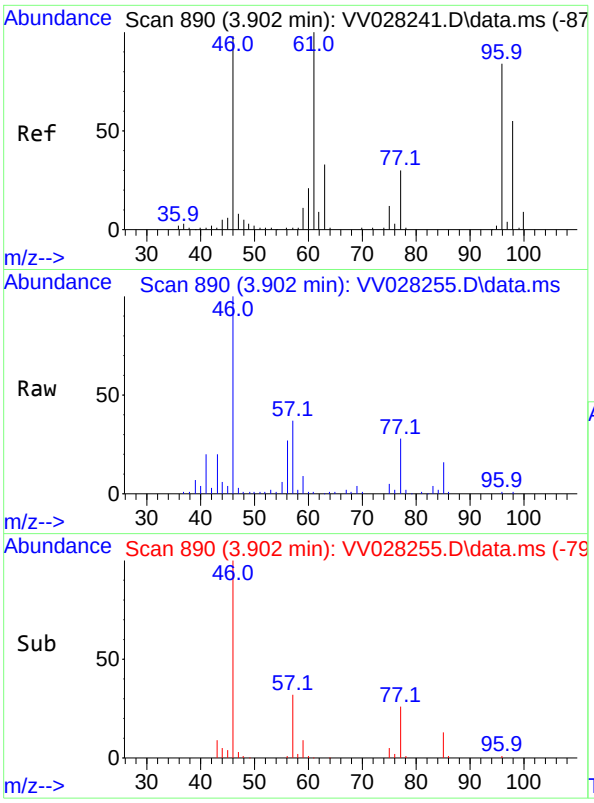


#21
2-Butanone
Concen: 20.168 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.106 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 43 Resp: 75474

Ion	Ratio	Lower	Upper
43	100		
72	1.3	12.7	38.1#



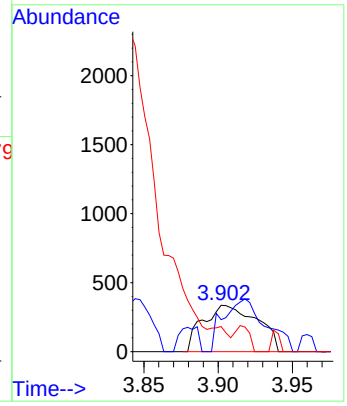


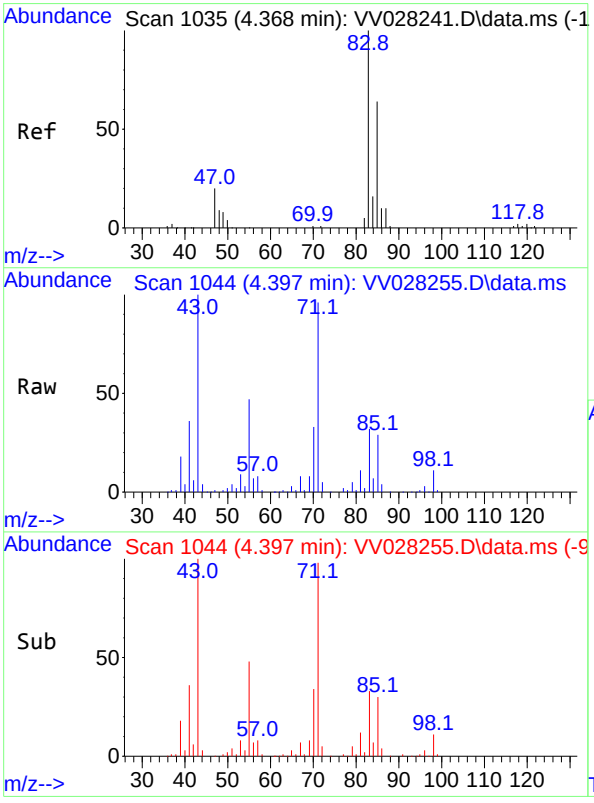
#22
cis-1,2-Dichloroethene
Concen: 0.048 ug/L
RT: 3.902 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 96 Resp: 855

Ion	Ratio	Lower	Upper
96	100		
61	68.8	87.2	161.9#
68	54.2	0.0	0.0#

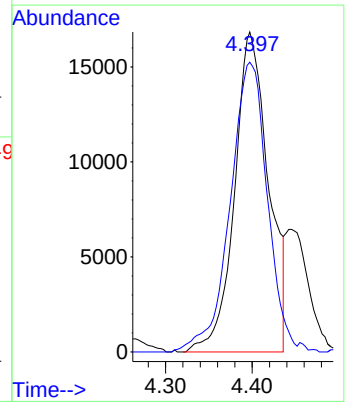


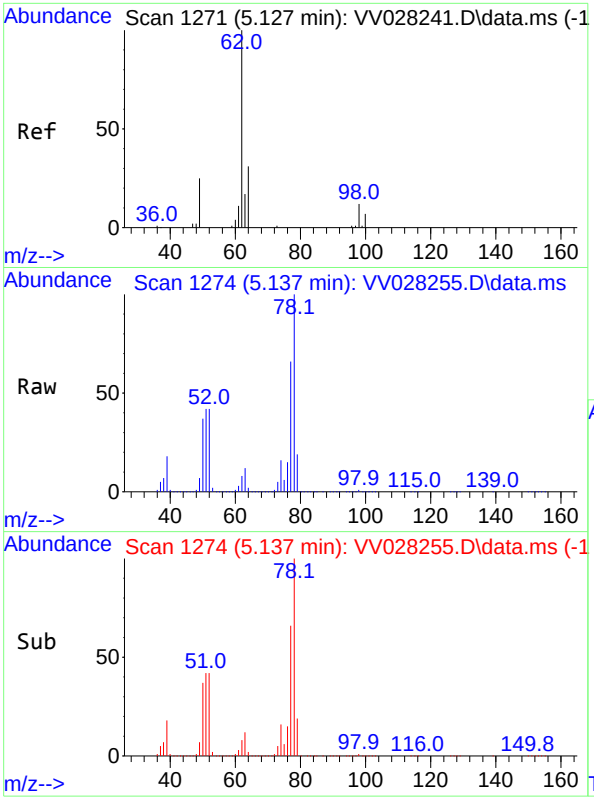


#25
Chloroform
Concen: 1.445 ug/L
RT: 4.397 min Scan# 1044
Delta R.T. 0.035 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 83 Resp: 45872

Ion	Ratio	Lower	Upper
83	100		
85	90.6	45.1	83.7#



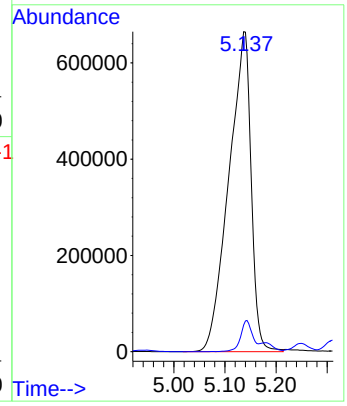


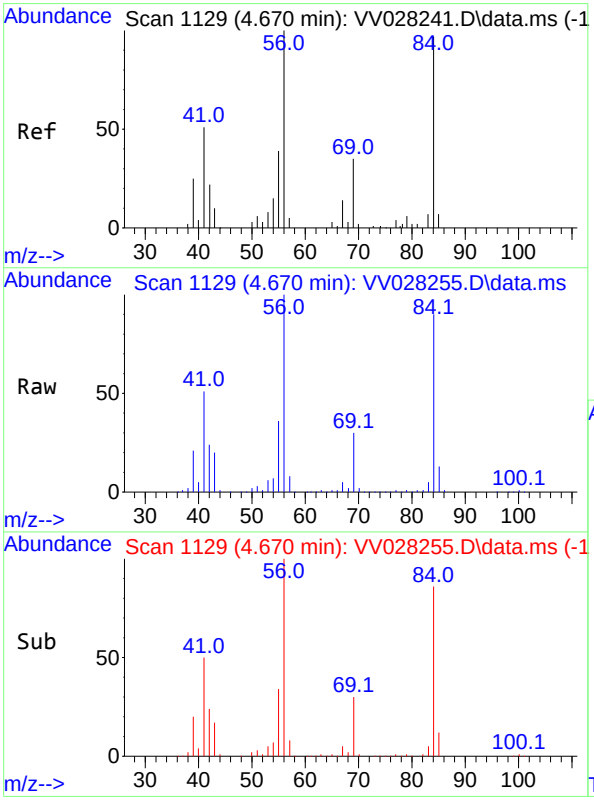
#27
1,2-Dichloroethane
Concen: 118.768 ug/L
RT: 5.137 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 62 Resp: 2010853

Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.7	10.1

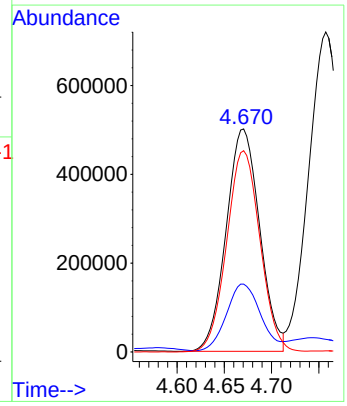


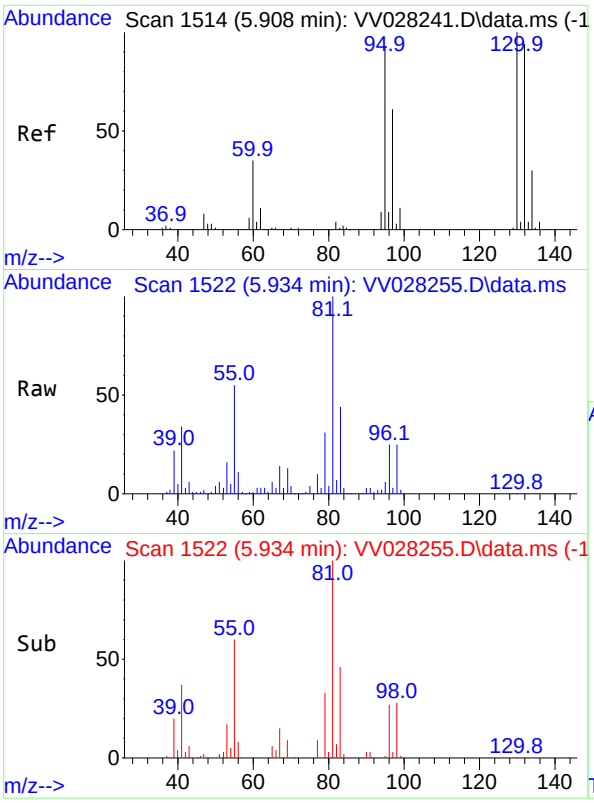


#30
Cyclohexane
Concen: 63.010 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 56 Resp: 1238057

Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.7	35.5
84	90.1	67.3	100.9



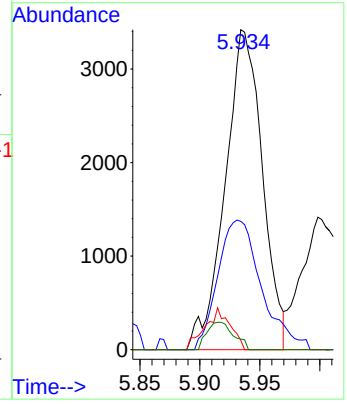


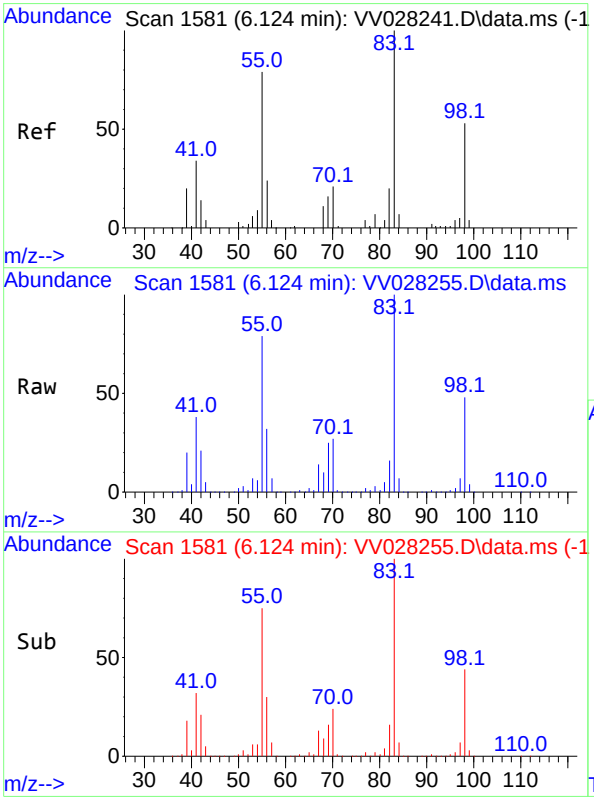
#34
Trichloroethene
Concen: 0.483 ug/L
RT: 5.934 min Scan# 1
Delta R.T. 0.029 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 95 Resp: 7382

Ion	Ratio	Lower	Upper
95	100		
97	40.1	44.2	82.0#
132	3.0	67.8	126.0#
130	3.3	68.8	127.8#

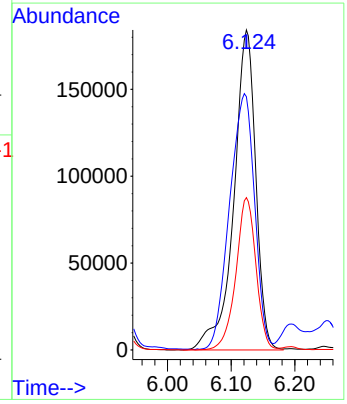


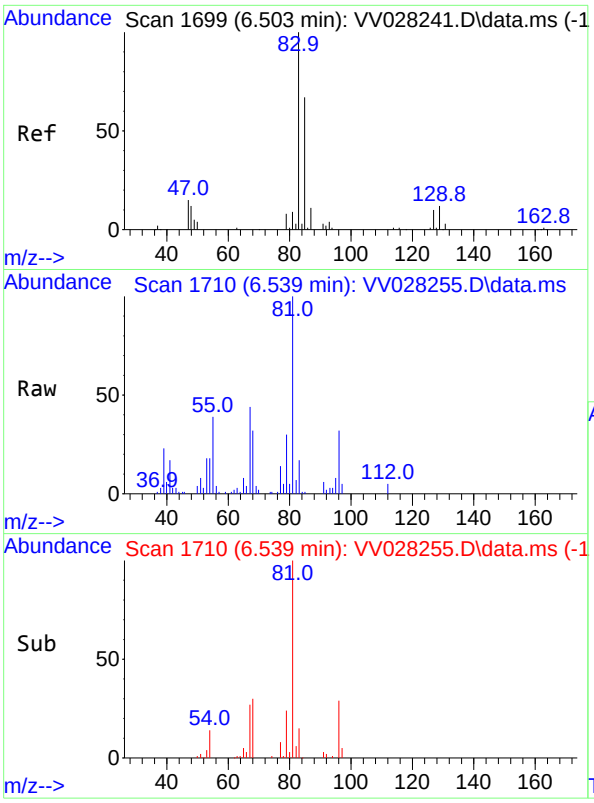


#35
Methylcyclohexane
Concen: 21.077 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 83 Resp: 441776

Ion	Ratio	Lower	Upper
83	100		
55	91.1	64.7	97.1
98	43.6	39.5	59.3



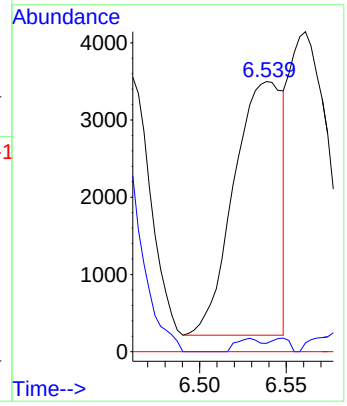


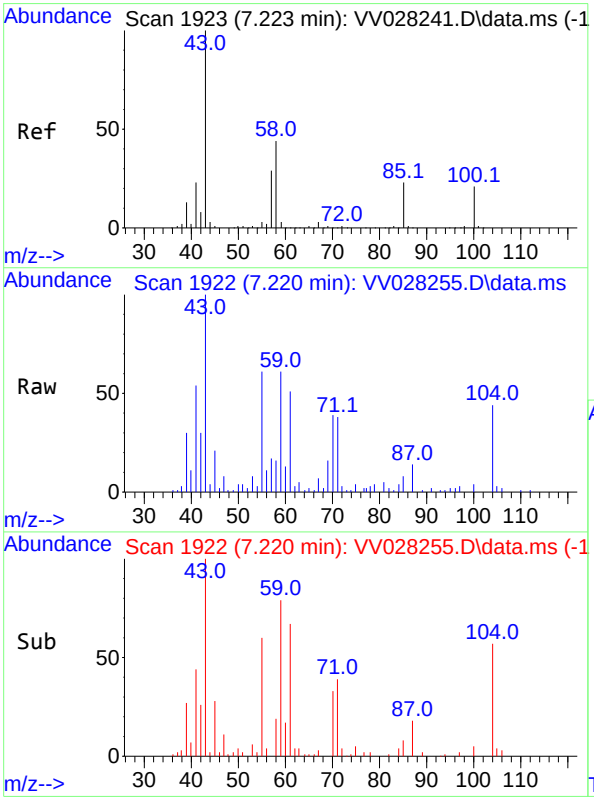
#38
Bromodichloromethane
Concen: 0.301 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.035 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 83 Resp: 6400

Ion	Ratio	Lower	Upper
83	100		
85	3.1	43.8	81.4#
127	0.0	6.3	9.5#

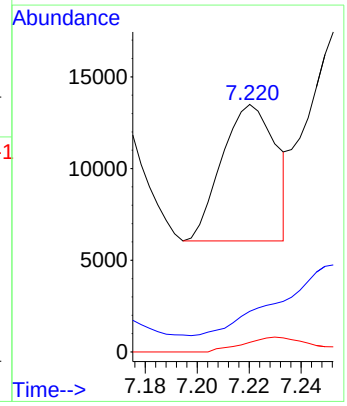


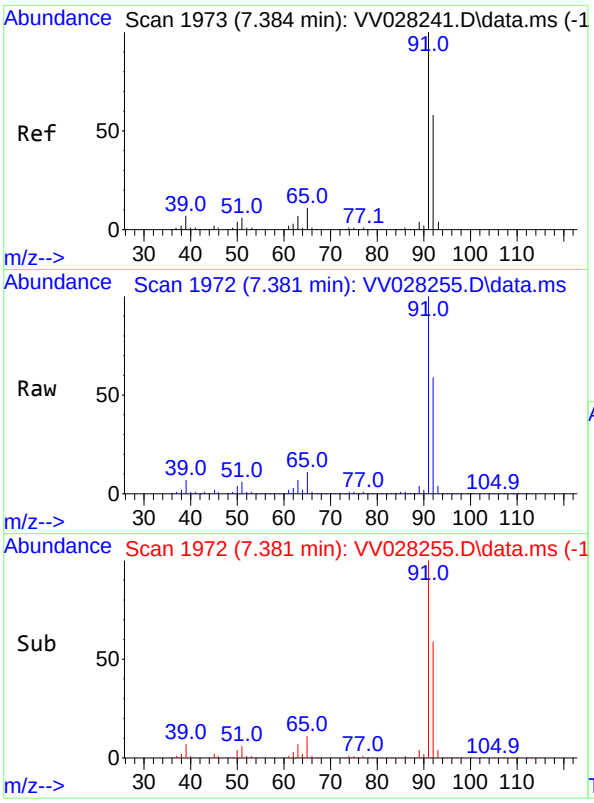


#40
4-Methyl-2-pentanone
Concen: 1.287 ug/L
RT: 7.220 min Scan# 1922
Delta R.T. -0.000 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 43 Resp: 10761

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#
100	0.0	12.7	19.1#



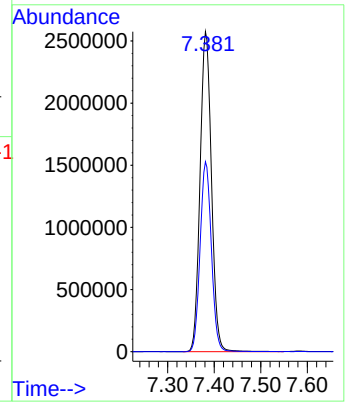


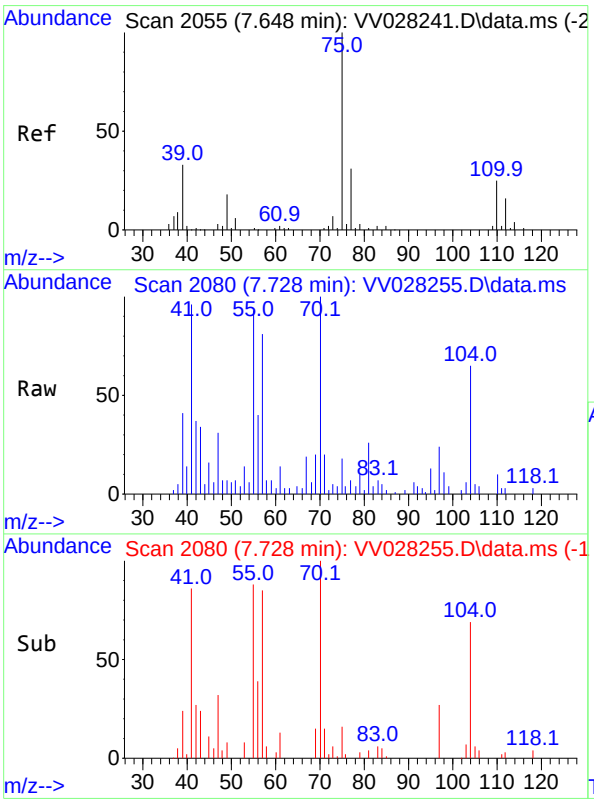
#42
Toluene
Concen: 68.026 ug/L
RT: 7.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 91 Resp: 4356824

Ion	Ratio	Lower	Upper
91	100		
92	59.3	40.2	74.6

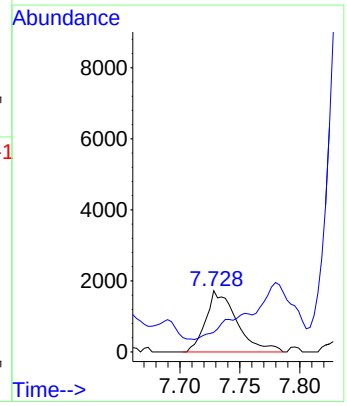


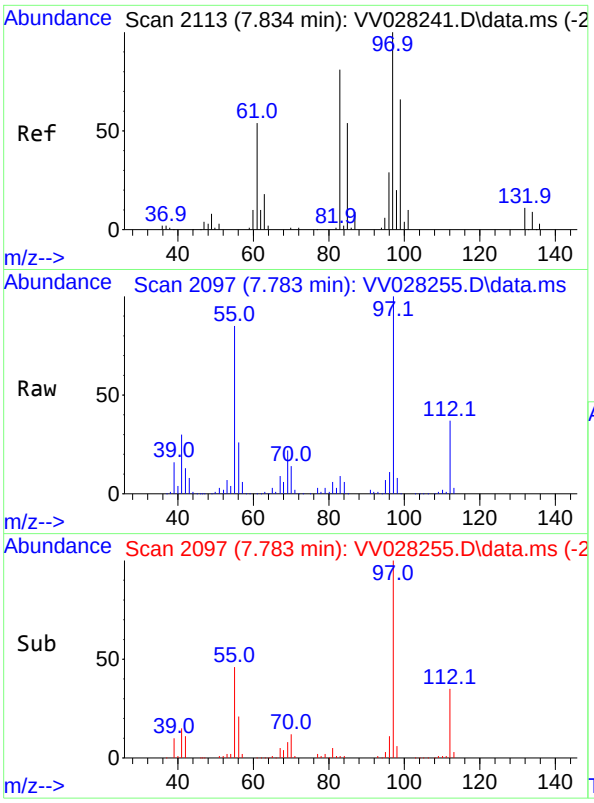


#44
trans-1,3-Dichloropropene
Concen: 0.168 ug/L
RT: 7.728 min Scan# 2080
Delta R.T. 0.084 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 75 Resp: 3091

Ion	Ratio	Lower	Upper
75	100		
77	32.2	23.9	44.3



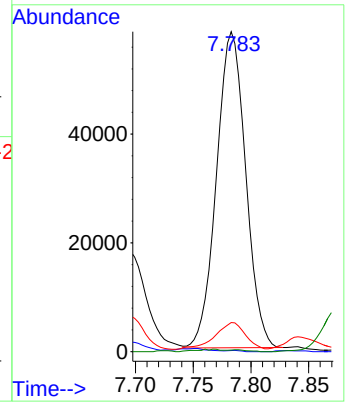


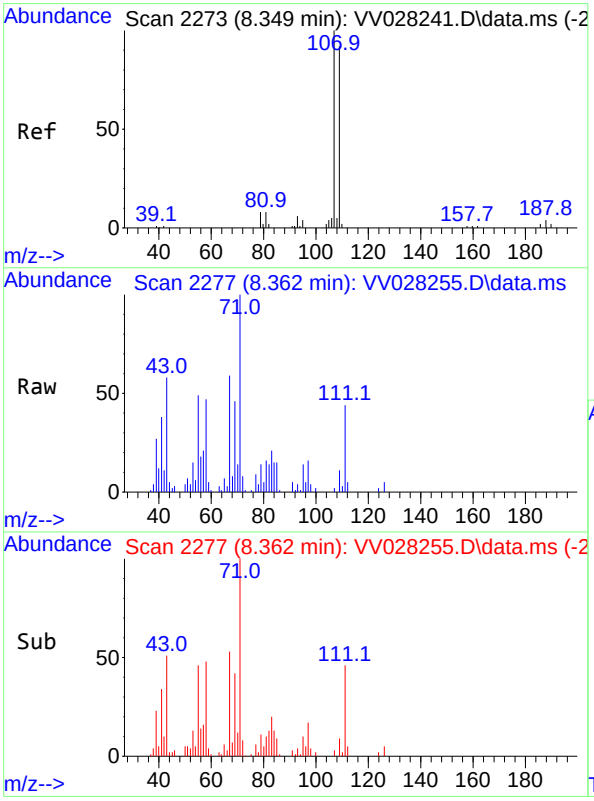
#45
1,1,2-Trichloroethane
Concen: 8.861 ug/L
RT: 7.783 min Scan# 2
Delta R.T. -0.051 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 97 Resp: 102235

Ion	Ratio	Lower	Upper
97	100		
99	0.4	43.2	80.2#
83	9.1	59.1	109.9#
85	0.5	38.5	71.5#

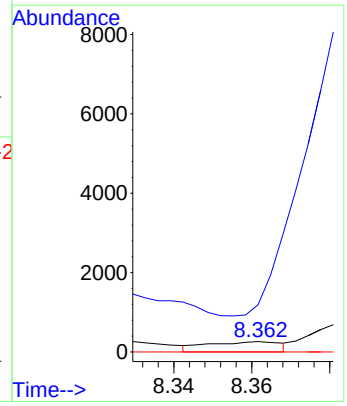


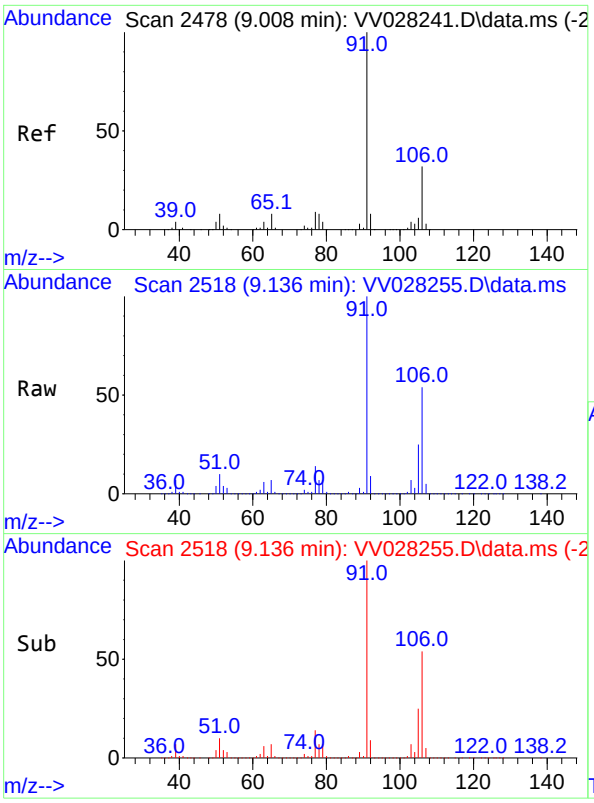


#50
1,2-Dibromoethane
Concen: 0.034 ug/L
RT: 8.362 min Scan# 2277
Delta R.T. 0.013 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion:107 Resp: 340

Ion	Ratio	Lower	Upper
107	100		
109	450.8	65.9	122.5#
188	0.0	3.4	5.0#



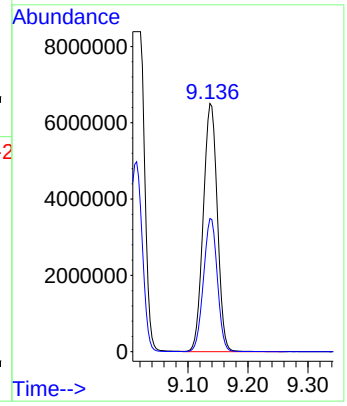


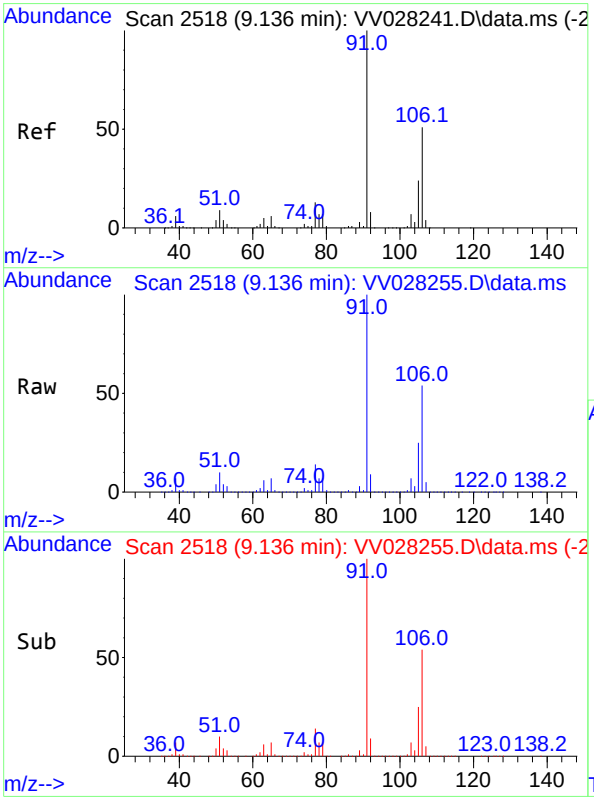
#52
Ethylbenzene
Concen: 157.136 ug/L
RT: 9.136 min Scan# 2
Delta R.T. 0.129 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 91 Resp:10646964

Ion	Ratio	Lower	Upper
91	100		
106	53.7	21.5	39.9#

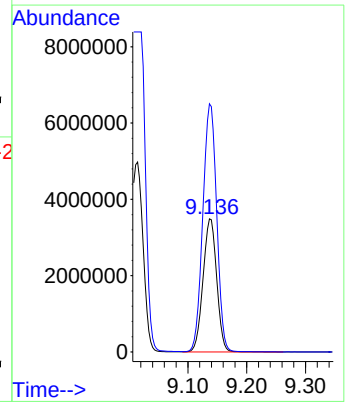


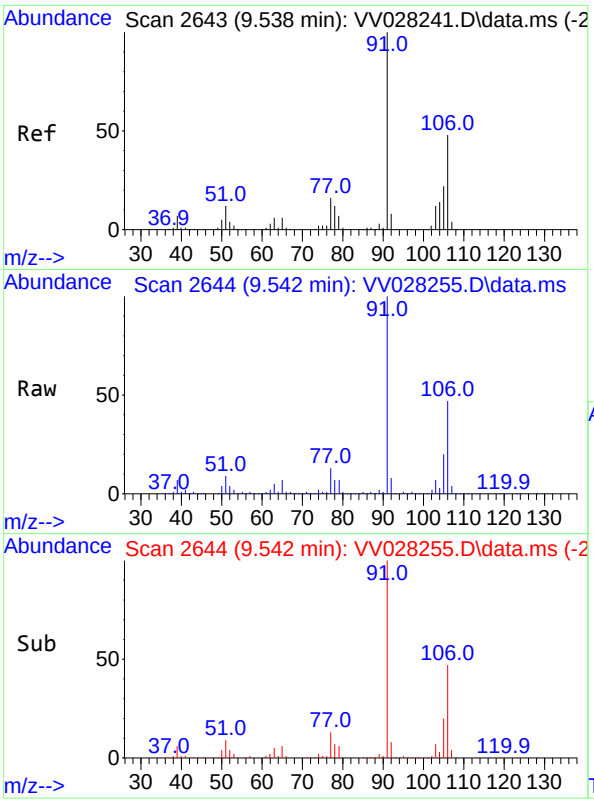


#53
m,p-Xylene
Concen: 215.903 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion:106 Resp: 5606245

Ion	Ratio	Lower	Upper
106	100		
91	186.3	141.9	263.5



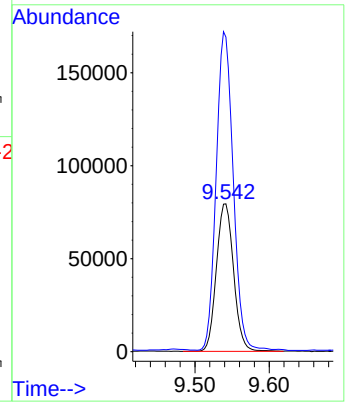


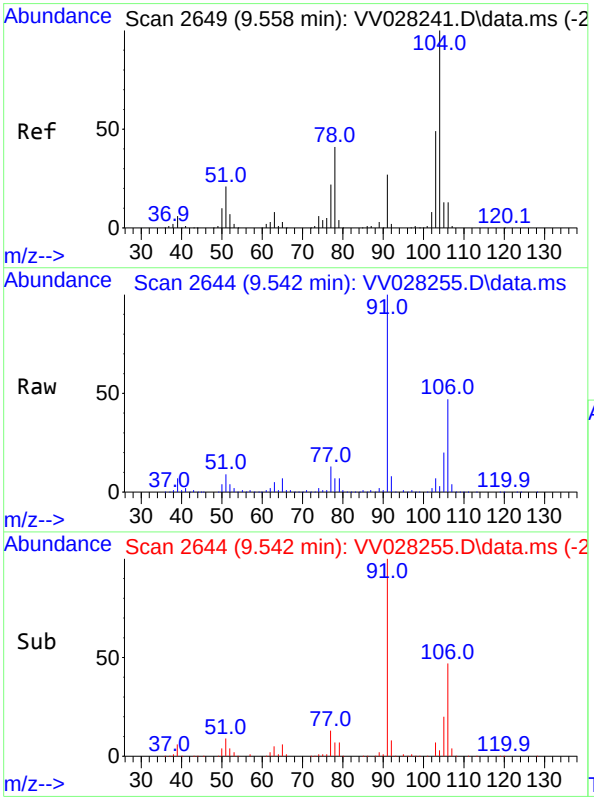
#54
o-Xylene
Concen: 4.993 ug/L
RT: 9.542 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion:106 Resp: 128023

Ion	Ratio	Lower	Upper
106	100		
91	212.6	148.1	275.0

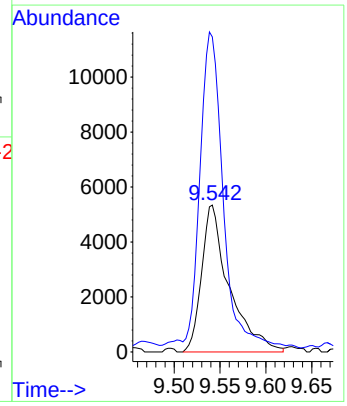


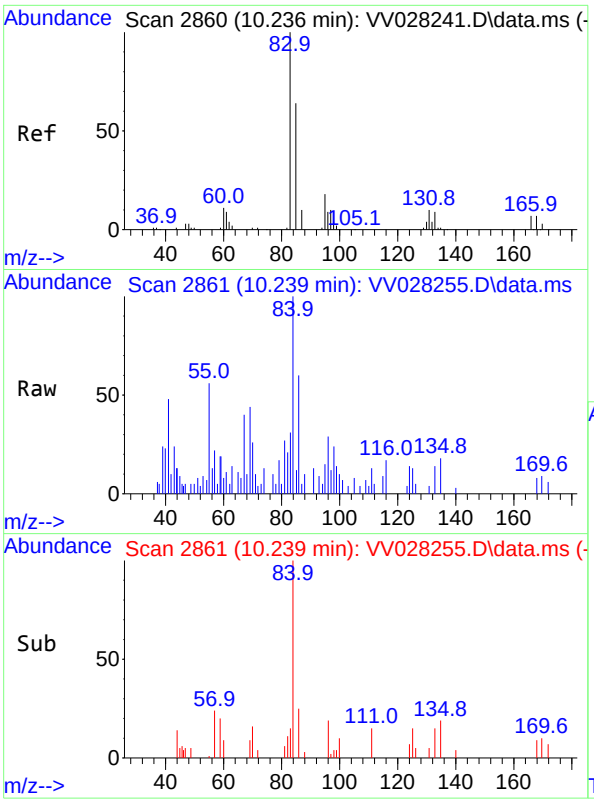


#55
Styrene
Concen: 0.253 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.013 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion:104 Resp: 11230

Ion	Ratio	Lower	Upper
104	100		
78	214.3	31.0	57.6#



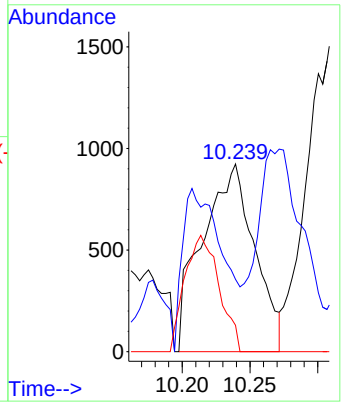


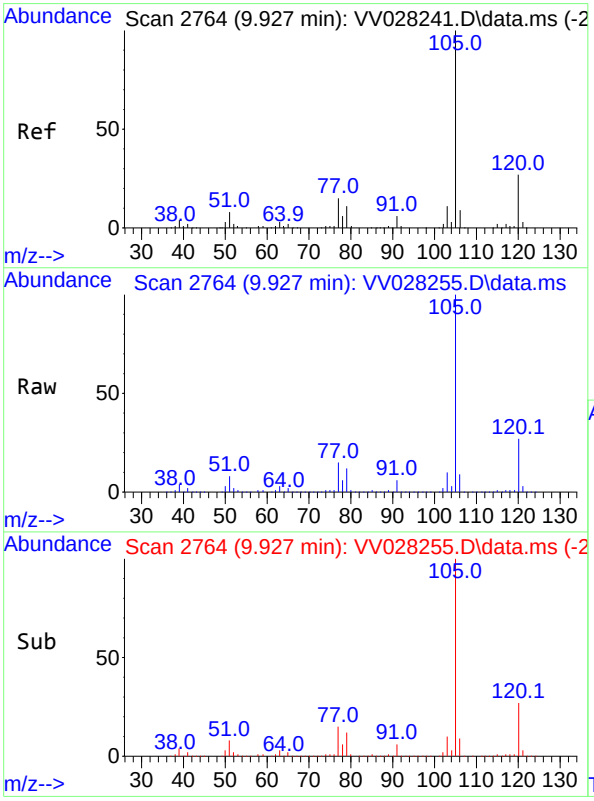
#57
1,1,2,2-Tetrachloroethane
Concen: 0.185 ug/L
RT: 10.239 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 83 Resp: 2482

Ion	Ratio	Lower	Upper
83	100		
85	38.5	45.2	84.0#
131	14.1	7.8	11.8#

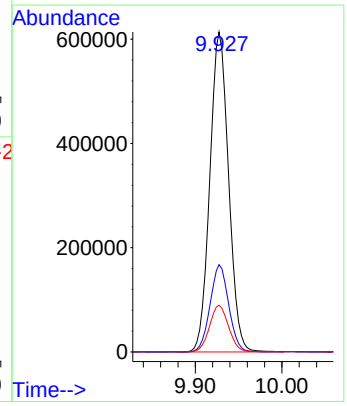


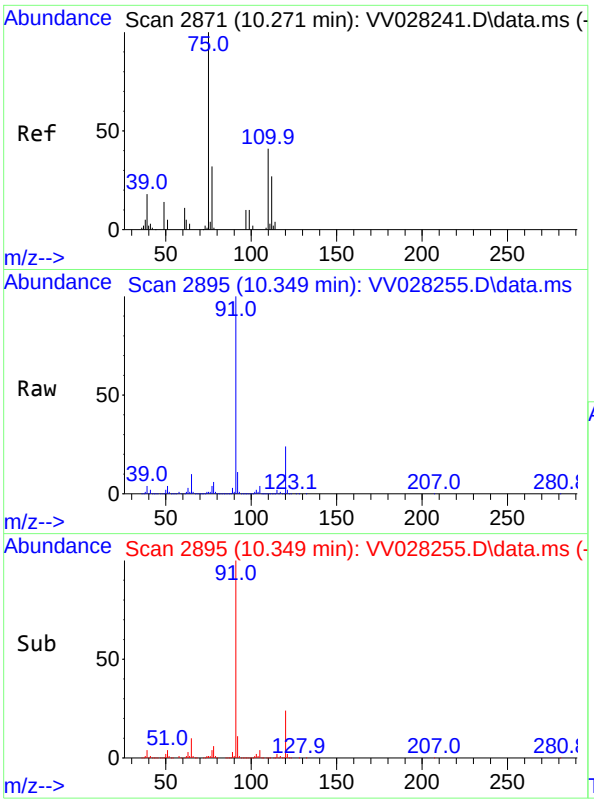


#60
Isopropylbenzene
Concen: 12.742 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion:105 Resp: 921825

Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.4	32.0
77	14.7	12.2	18.4



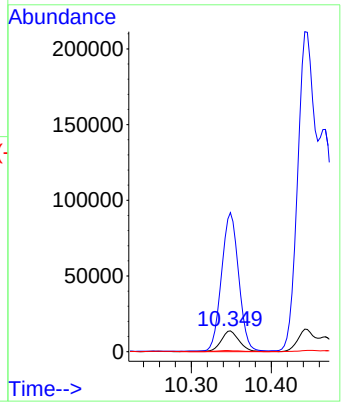


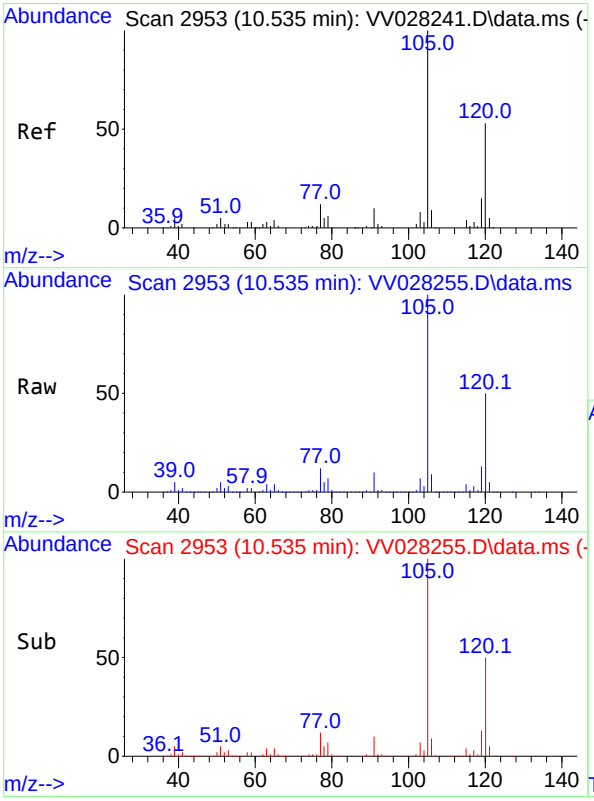
#61
1,2,3-Trichloropropane
Concen: 2.118 ug/L
RT: 10.349 min Scan# 2
Delta R.T. 0.080 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion: 75 Resp: 21896

Ion	Ratio	Lower	Upper
75	100		
77	618.5	26.7	40.1#
110	7.7	30.1	45.1#

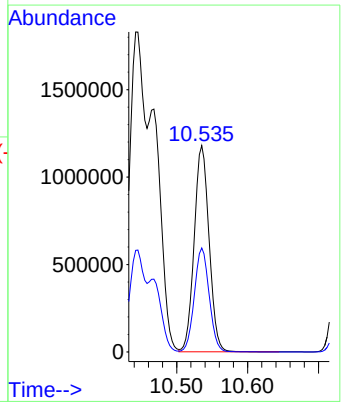


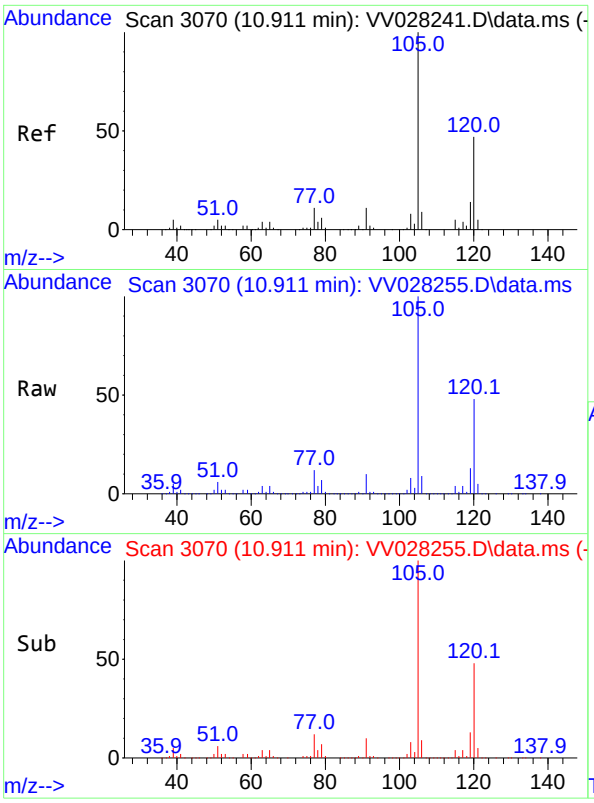


#62
1,3,5-Trimethylbenzene
Concen: 84.449 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion:105 Resp: 1720892

Ion	Ratio	Lower	Upper
105	100		
120	49.9	40.6	61.0



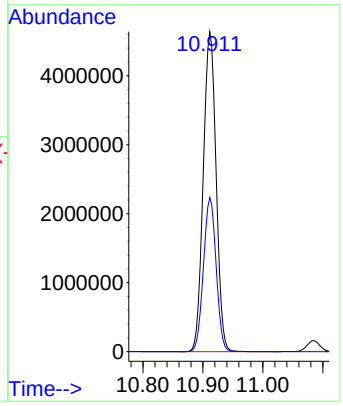


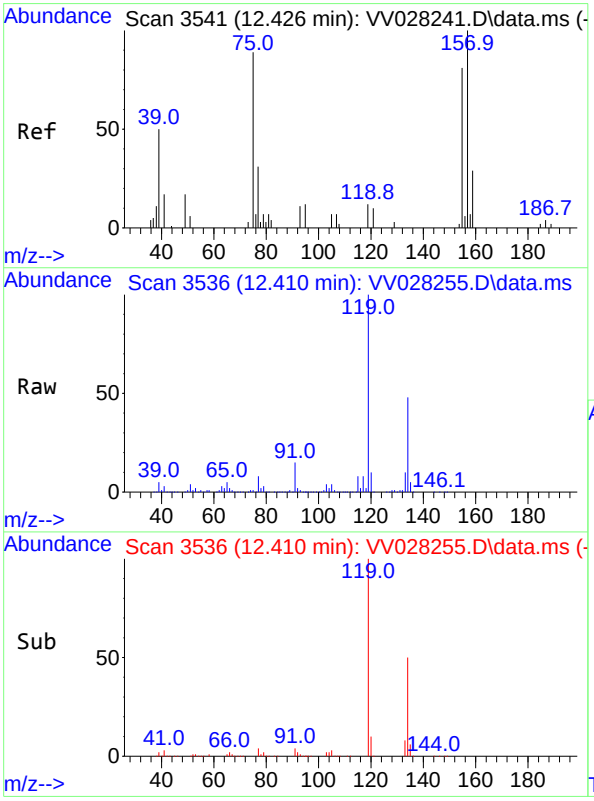
#63
1,2,4-Trimethylbenzene
Concen: 121.552 ug/L
RT: 10.911 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion:105 Resp: 6923935

Ion	Ratio	Lower	Upper
105	100		
120	47.6	37.8	56.8

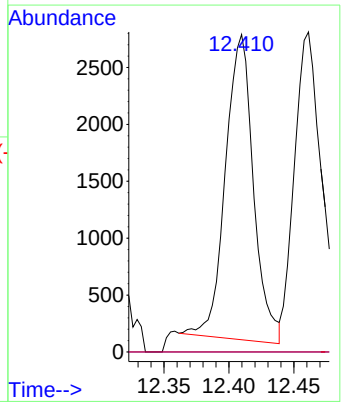


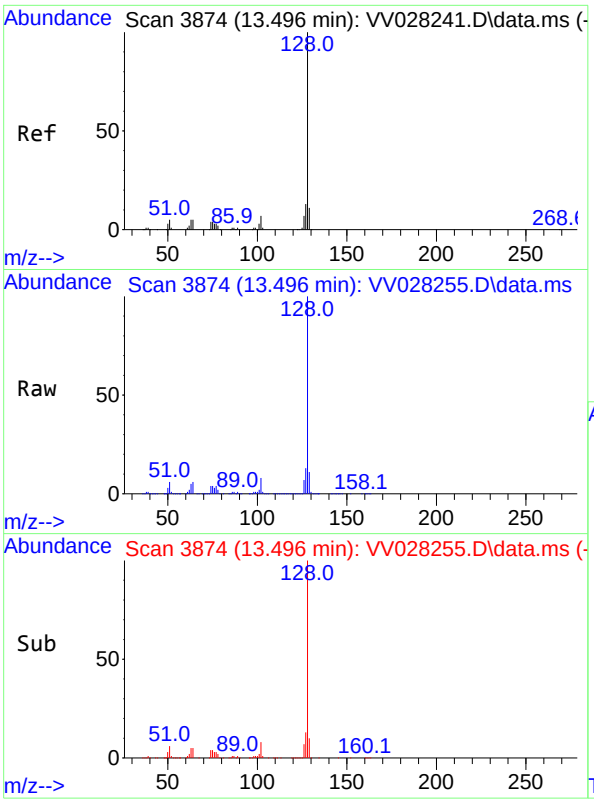


#68
1,2-Dibromo-3-chloropropane
Concen: 1.777 ug/L
RT: 12.410 min Scan# 3536
Delta R.T. -0.013 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Tgt Ion: 75 Resp: 4027

Ion	Ratio	Lower	Upper
75	100		
155	0.0	73.6	110.4#
157	0.0	90.7	136.1#





#71
Naphthalene
Concen: 39.445 ug/L
RT: 13.496 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028255.D
Acq: 01 Oct 2022 03:28

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Tgt Ion:128 Resp: 1471939

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.2	12.2
127	13.0	10.4	15.6