Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Quant Time: Feb 09 23:15:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 22:58:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	73546	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71916	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26610	4.672	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.400%			
7) Chloroethane-d5	1.532	69	23227	4.656	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.200%			
11) 1,1-Dichloroethene-d2	2.056	65	12771	4.649	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.000%			
20) 2-Butanone-d5	3.825	46	37294	38.985	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.980%			
24) Chloroform-d	4.252	84	47359	4.576	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	4.947	65	23991	4.960	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	4.963	84	91466	4.239	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
36) 1,2-Dichloropropane-d6	5.992	67	26728	4.432	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.600%			
41) Toluene-d8	7.246	98	85953	4.334	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.600%			
43) trans-1,3-Dichloroprop...	7.561	79	10834	4.757	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.200%			
46) 2-Hexanone-d5	8.030	63	40492	49.806	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.620%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17887	4.892	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.800%			
66) 1,2-Dichlorobenzene-d4	11.561	152	30811	4.495	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	1813	0.269	ug/L	93
5) Vinyl chloride	1.282	62	3116	0.444	ug/L	99
8) Chloroethane	1.548	64	5580	1.164	ug/L	98
13) Acetone	2.140	43	13446	18.527	ug/L #	1
14) Carbon disulfide	2.240	76	2542	0.153	ug/L	96
19) 1,1-Dichloroethane	3.111	63	5431	0.565	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	15473	2.606	ug/L	100
30) Cyclohexane	4.580	56	2766	0.295	ug/L #	94
33) Benzene	5.011	78	282923	13.117	ug/L	100
34) Trichloroethene	5.844	95	2628	0.421	ug/L	97
35) Methylcyclohexane	6.047	83	4935	0.504	ug/L	88
42) Toluene	7.320	91	35848	1.555	ug/L	95
51) Chlorobenzene	8.815	112	25886	1.776	ug/L	98
52) Ethylbenzene	8.950	91	25917	0.977	ug/L	99
53) m,p-Xylene	9.075	106	10523	1.049	ug/L	95
54) o-Xylene	9.487	106	3591	0.371	ug/L	86
60) Isopropylbenzene	9.870	105	10917	0.391	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	3034	0.129	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	19798	0.864	ug/L	100

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Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Quant Time: Feb 09 23:15:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 22:58:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	11.583	146	4019	0.385	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
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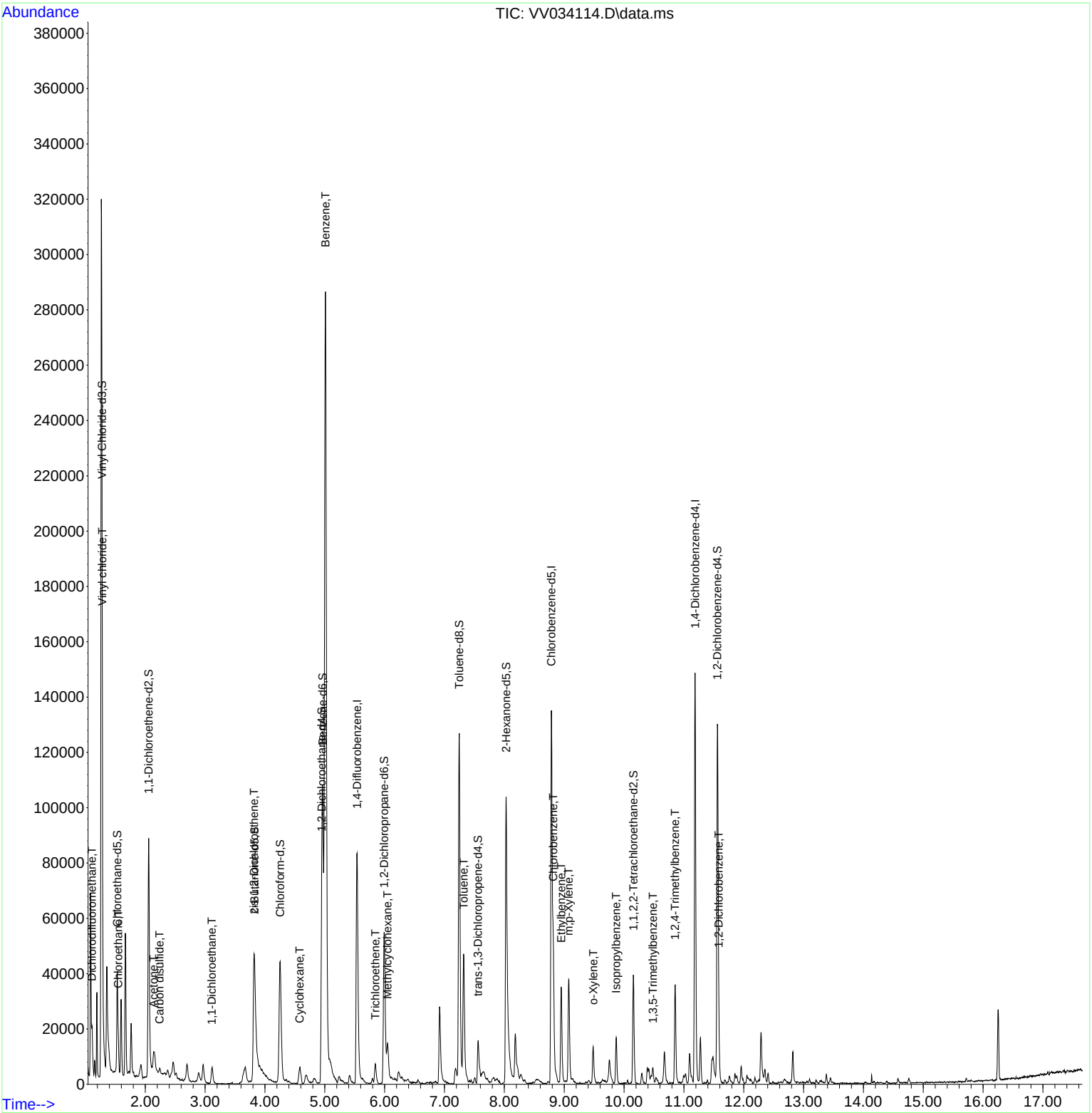
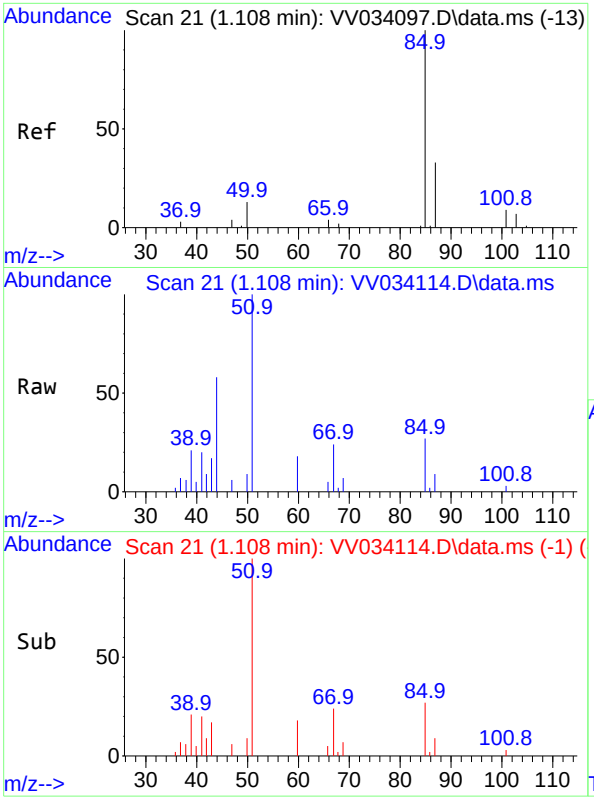


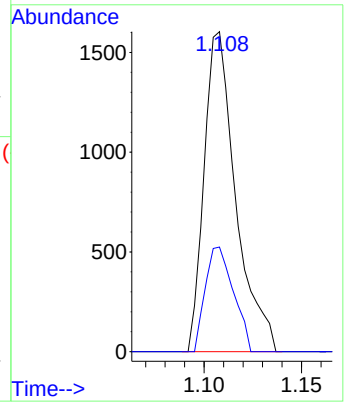


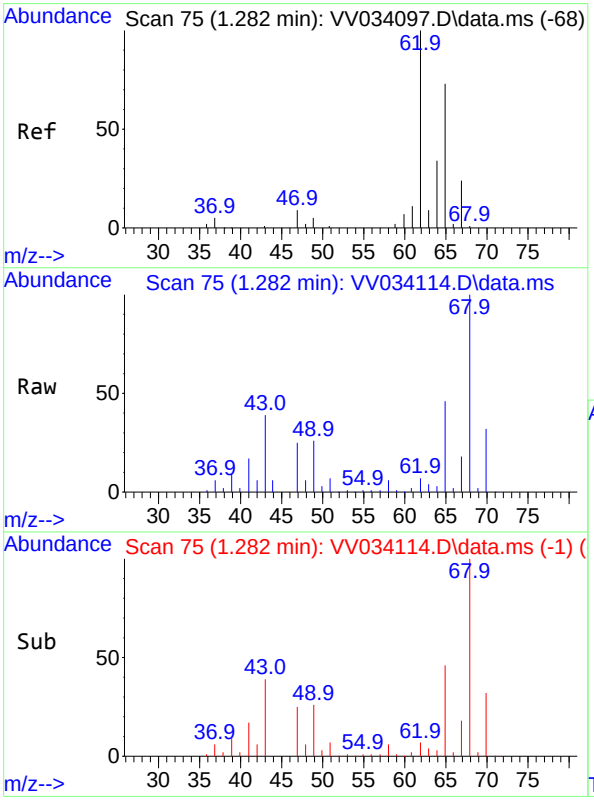
#2
Dichlorodifluoromethane
Concen: 0.269 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Tgt Ion: 85 Resp: 1813

Ion	Ratio	Lower	Upper
85	100		
87	29.1	26.2	39.4

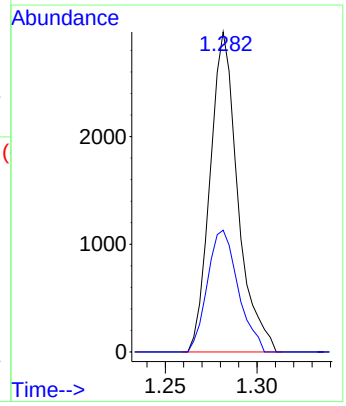


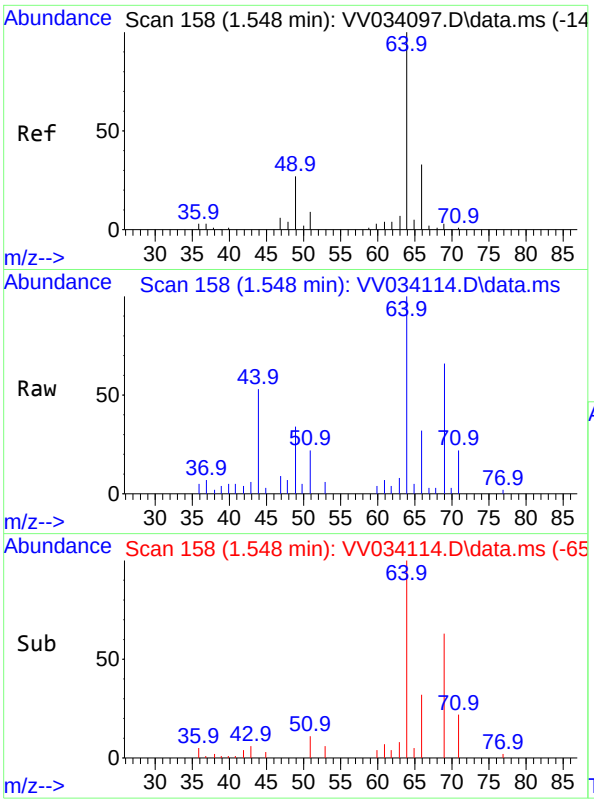


#5
Vinyl chloride
Concen: 0.444 ug/L
RT: 1.282 min Scan# 75
Delta R.T. -0.000 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Tgt Ion: 62 Resp: 3116

Ion	Ratio	Lower	Upper
62	100		
64	38.0	27.2	50.4



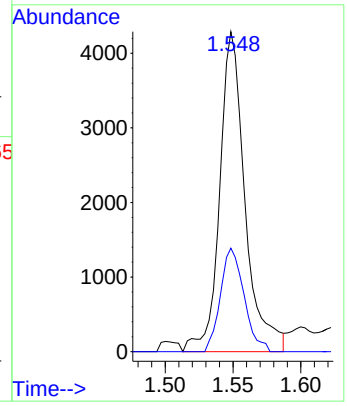


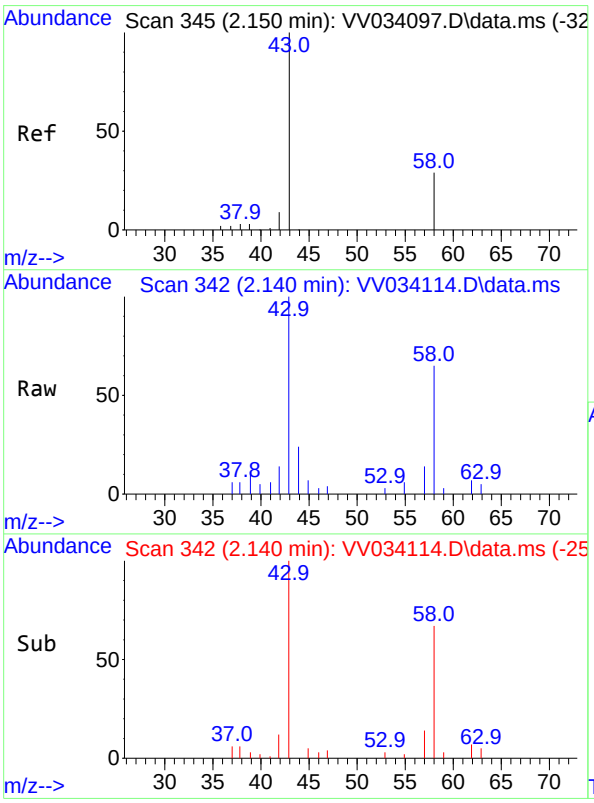
#8
Chloroethane
Concen: 1.164 ug/L
RT: 1.548 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Tgt Ion: 64 Resp: 5580

Ion	Ratio	Lower	Upper
64	100		
66	32.4	22.0	41.0

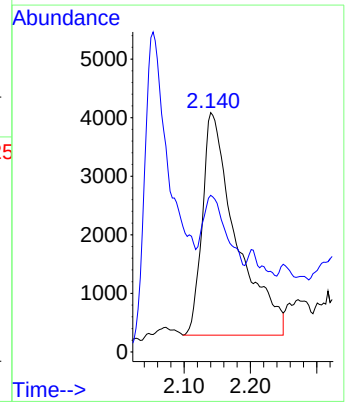


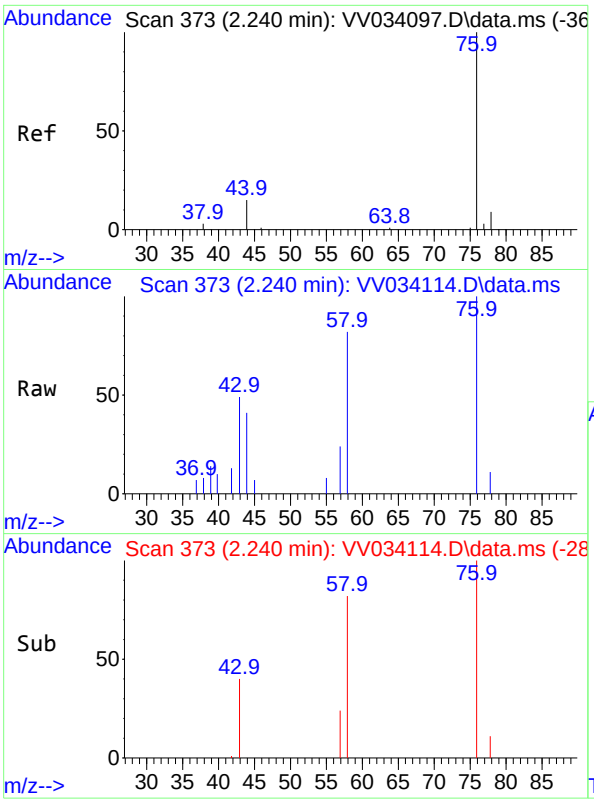


#13
Acetone
Concen: 18.527 ug/L
RT: 2.140 min Scan# 342
Delta R.T. -0.010 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Tgt Ion: 43 Resp: 13446

Ion	Ratio	Lower	Upper
43	100		
58	46.0	0.0	13.8#



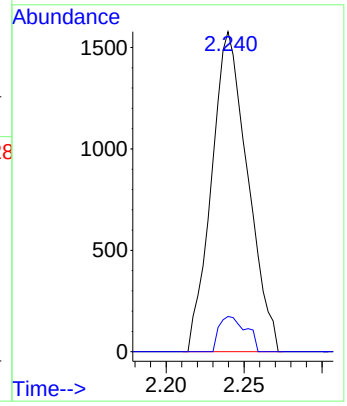


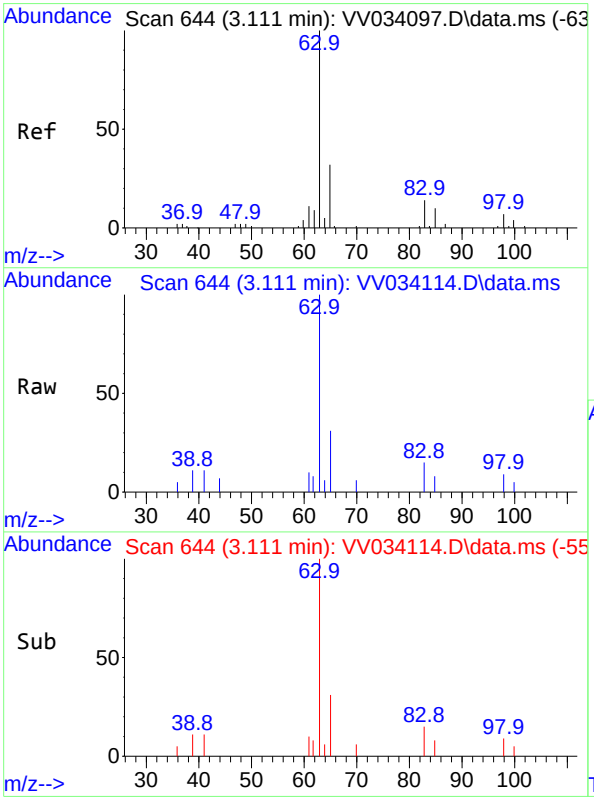
#14
Carbon disulfide
Concen: 0.153 ug/L
RT: 2.240 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Tgt Ion: 76 Resp: 2542

Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.5	11.3

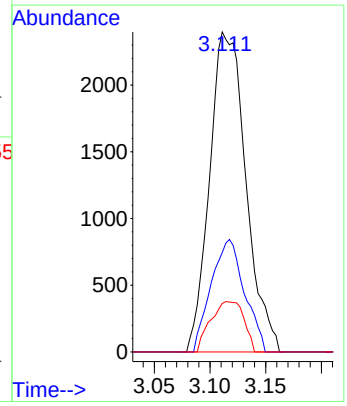


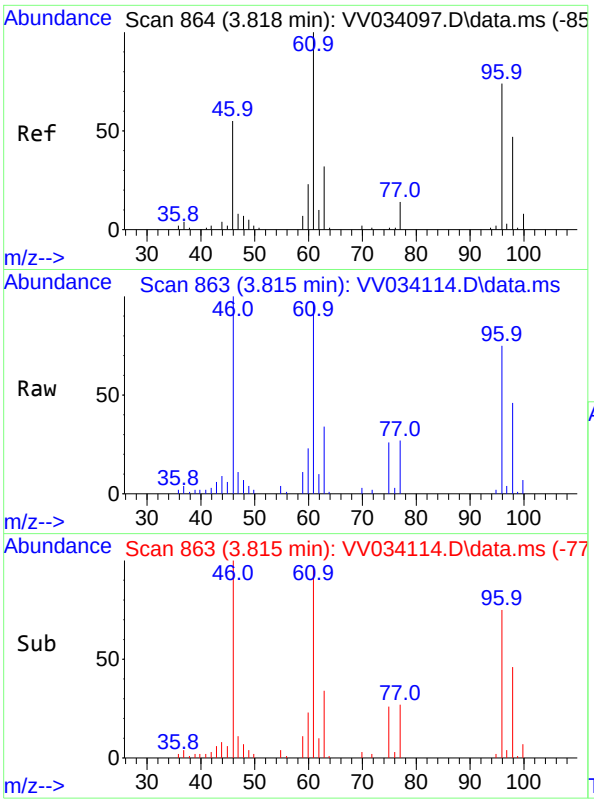


#19
1,1-Dichloroethane
Concen: 0.565 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Tgt Ion: 63 Resp: 5431

Ion	Ratio	Lower	Upper
63	100		
65	31.1	20.8	38.6
83	15.1	9.4	17.4



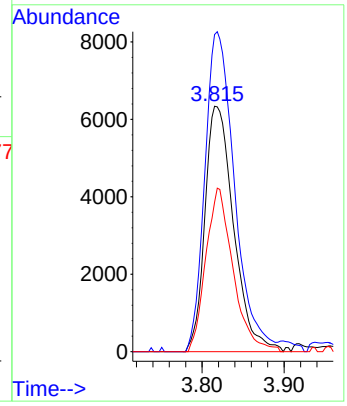


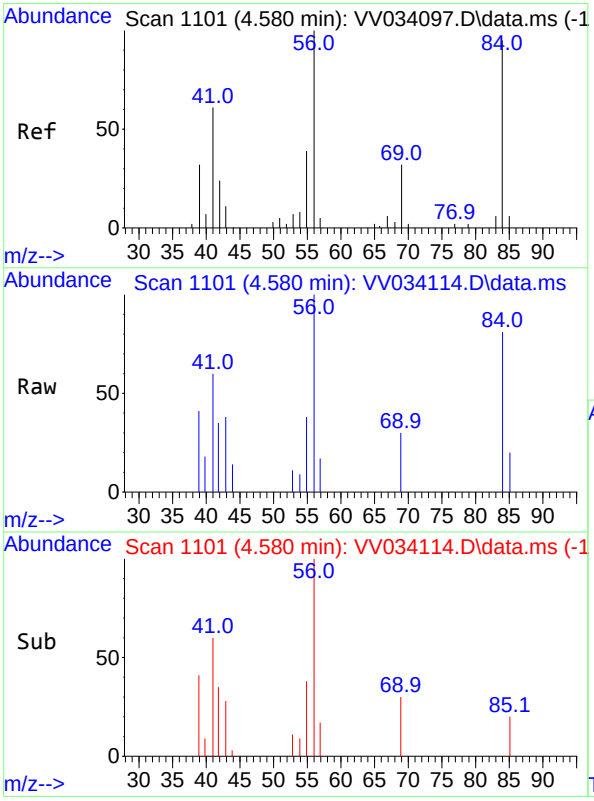
#22
cis-1,2-Dichloroethene
Concen: 2.606 ug/L
RT: 3.815 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Tgt Ion: 96 Resp: 15473

Ion	Ratio	Lower	Upper
96	100		
61	129.2	90.3	167.7
98	60.8	43.2	80.2

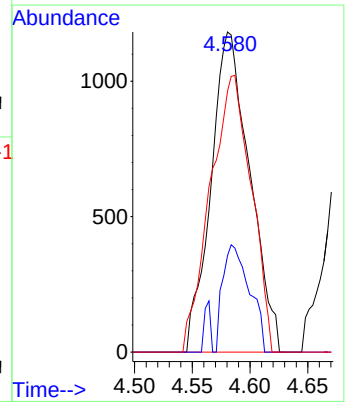


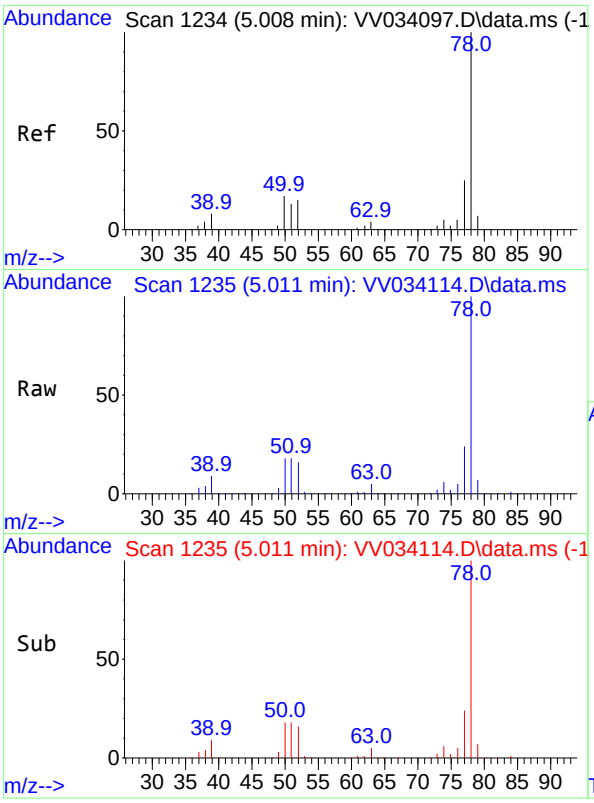


#30
Cyclohexane
Concen: 0.295 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Tgt Ion: 56 Resp: 2766

Ion	Ratio	Lower	Upper
56	100		
69	23.1	24.2	36.2#
84	91.3	70.0	105.0

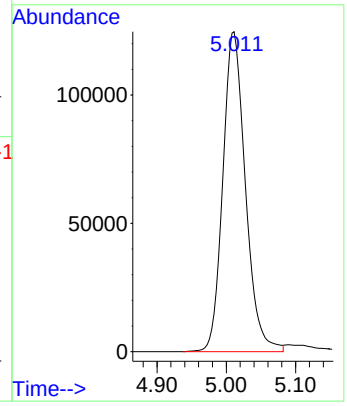


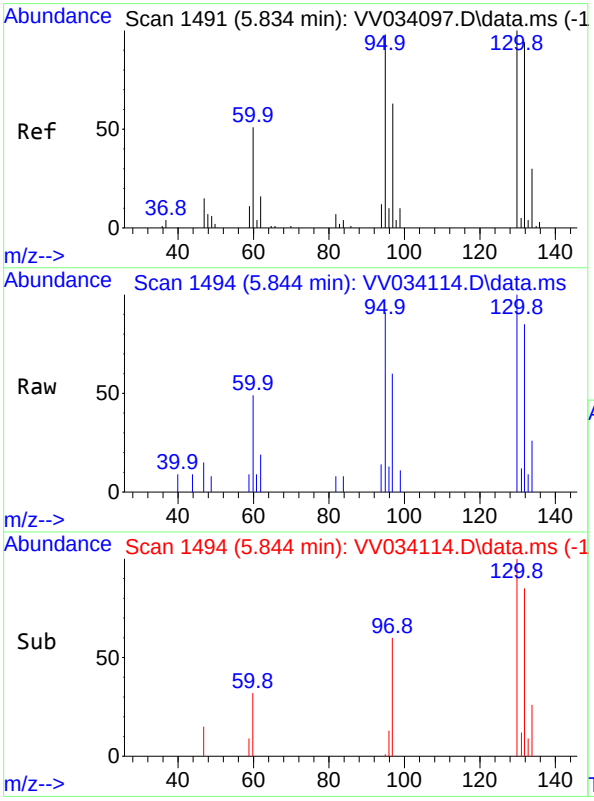


#33
Benzene
Concen: 13.117 ug/L
RT: 5.011 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Tgt Ion: 78 Resp: 282923

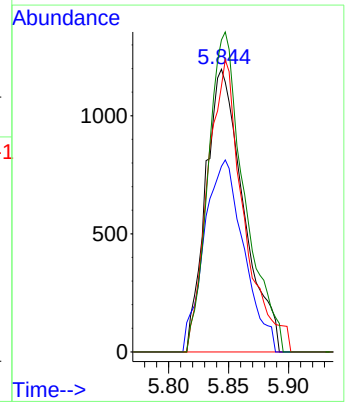


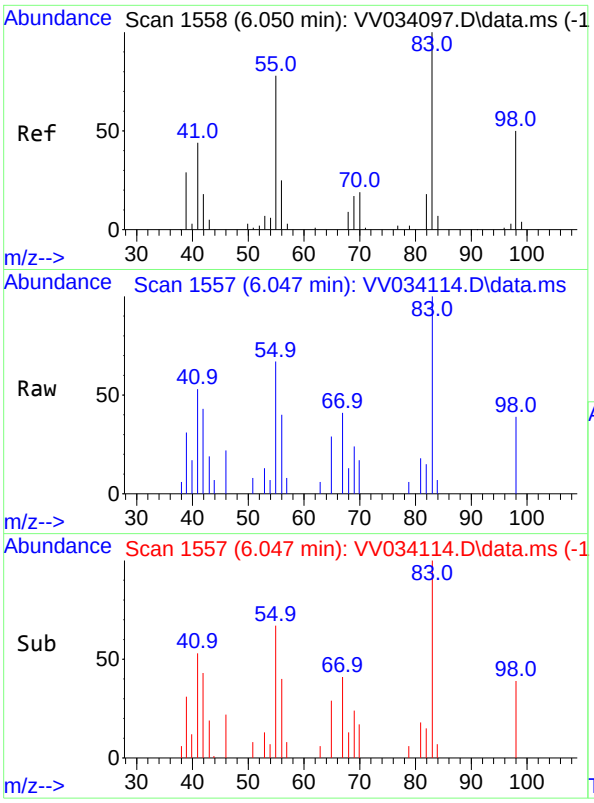


#34
Trichloroethene
Concen: 0.421 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.010 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Tgt Ion: 95 Resp: 2628

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.1	83.7
132	94.1	66.0	122.6
130	110.4	72.2	134.0



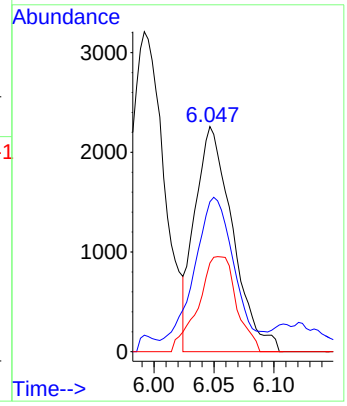


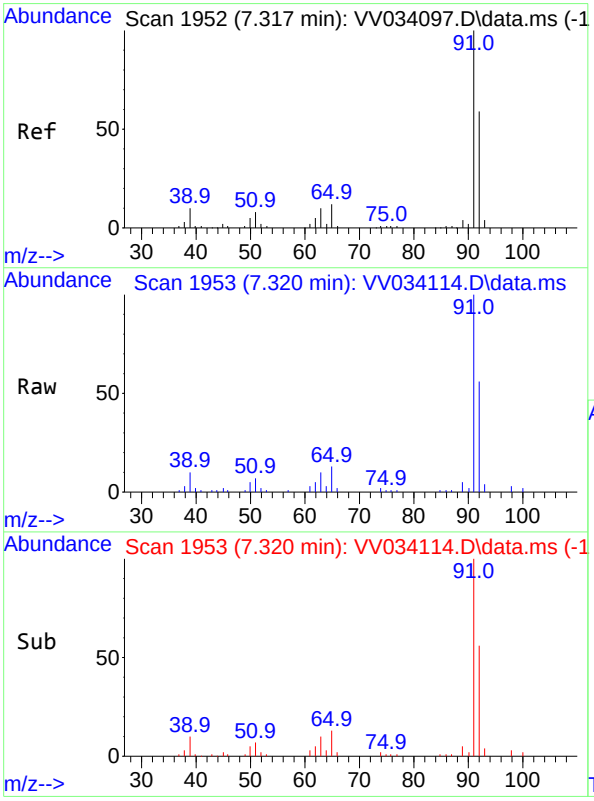
#35
Methylcyclohexane
Concen: 0.504 ug/L
RT: 6.047 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Tgt Ion: 83 Resp: 4935

Ion	Ratio	Lower	Upper
83	100		
55	67.5	63.5	95.3
98	42.5	39.0	58.4

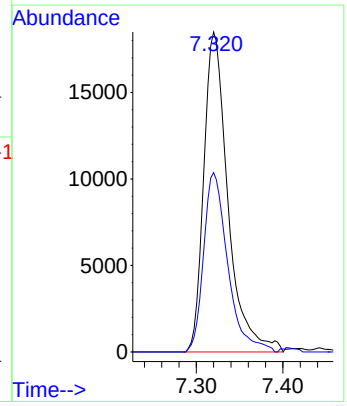


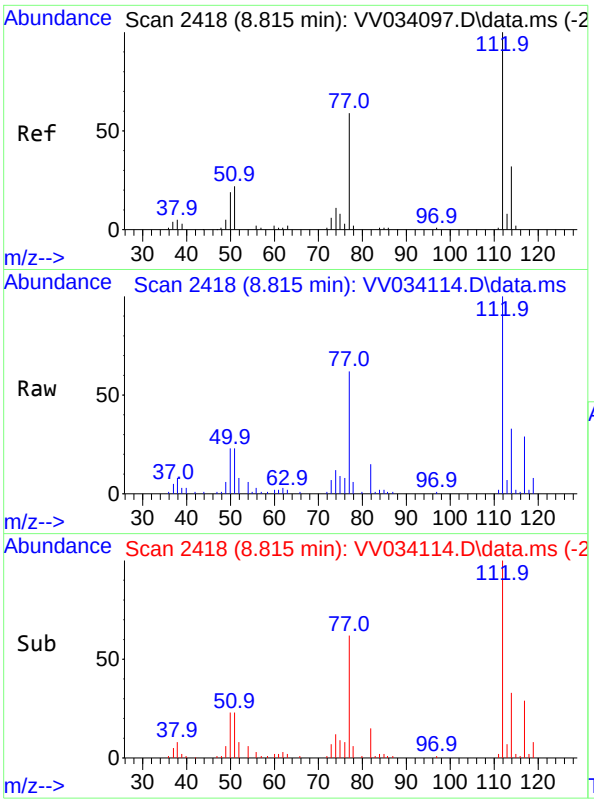


#42
Toluene
Concen: 1.555 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Tgt Ion: 91 Resp: 35848

Ion	Ratio	Lower	Upper
91	100		
92	56.0	42.1	78.3



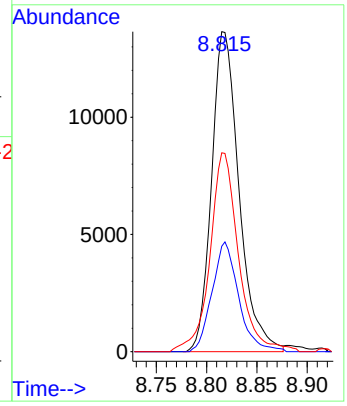


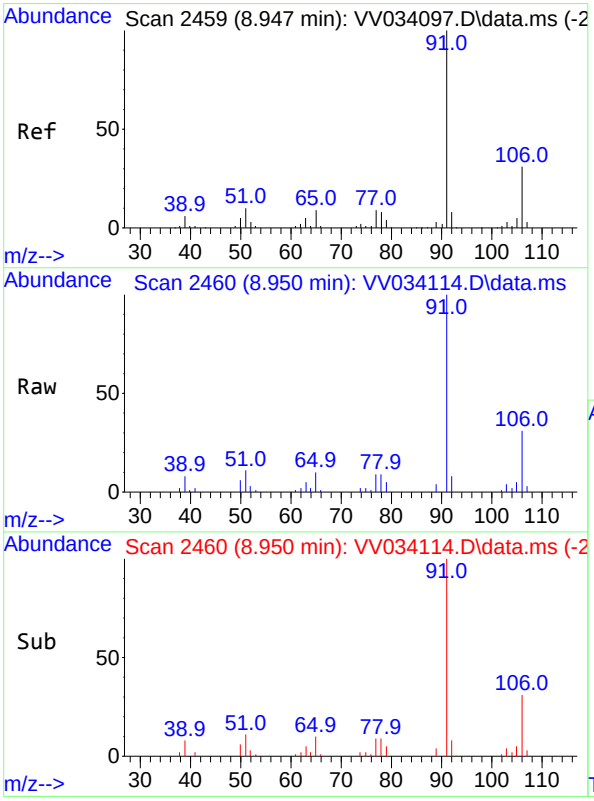
#51
Chlorobenzene
Concen: 1.776 ug/L
RT: 8.815 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Tgt Ion:112 Resp: 25886

Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.5	41.7
77	62.1	48.1	72.1

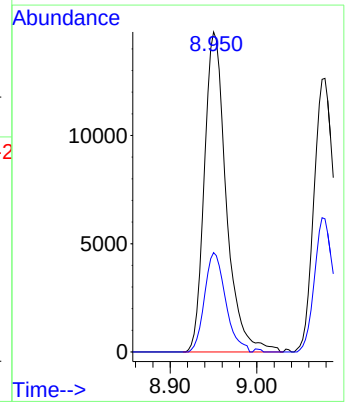


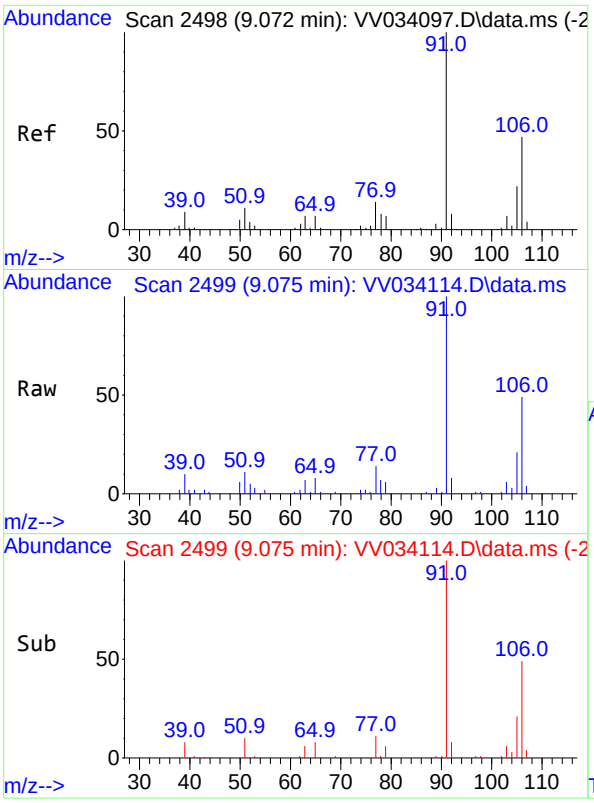


#52
Ethylbenzene
Concen: 0.977 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Tgt Ion: 91 Resp: 25917

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.4	39.8



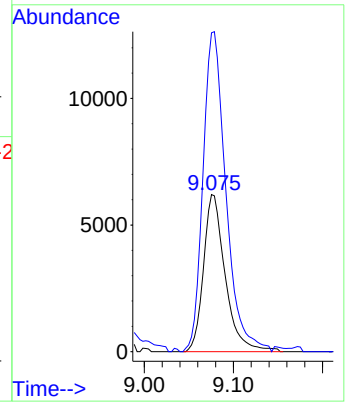


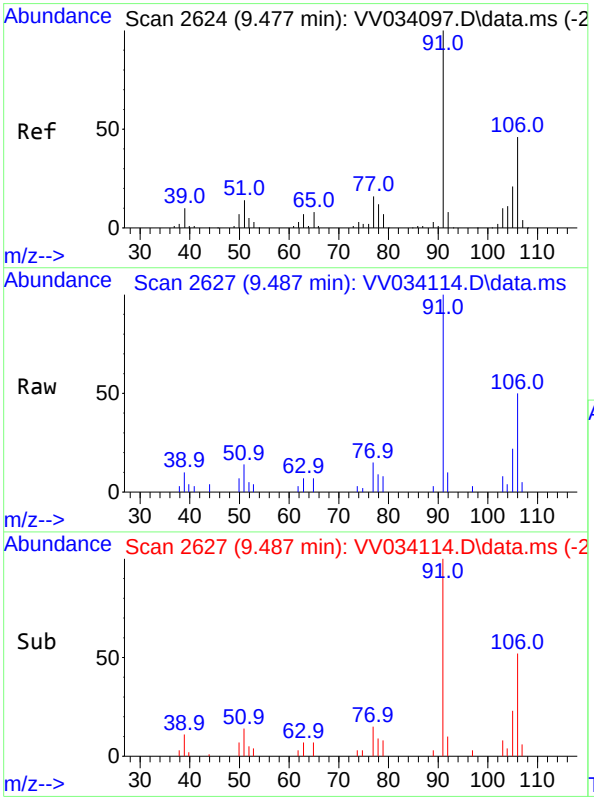
#53
m,p-Xylene
Concen: 1.049 ug/L
RT: 9.075 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Tgt Ion:106 Resp: 10523

Ion	Ratio	Lower	Upper
106	100		
91	203.0	147.5	273.9

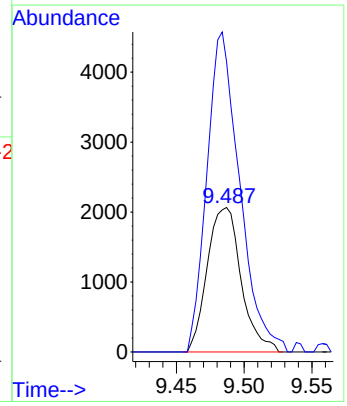


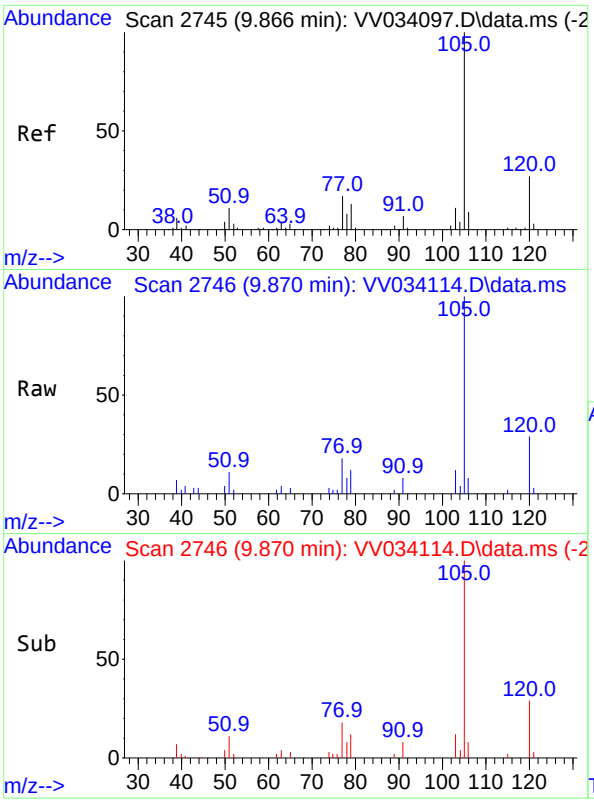


#54
o-Xylene
Concen: 0.371 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Tgt Ion:106 Resp: 3591

Ion	Ratio	Lower	Upper
106	100		
91	201.0	156.2	290.0



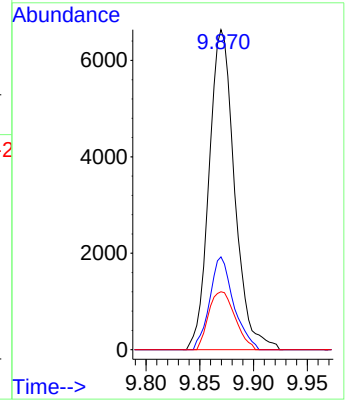


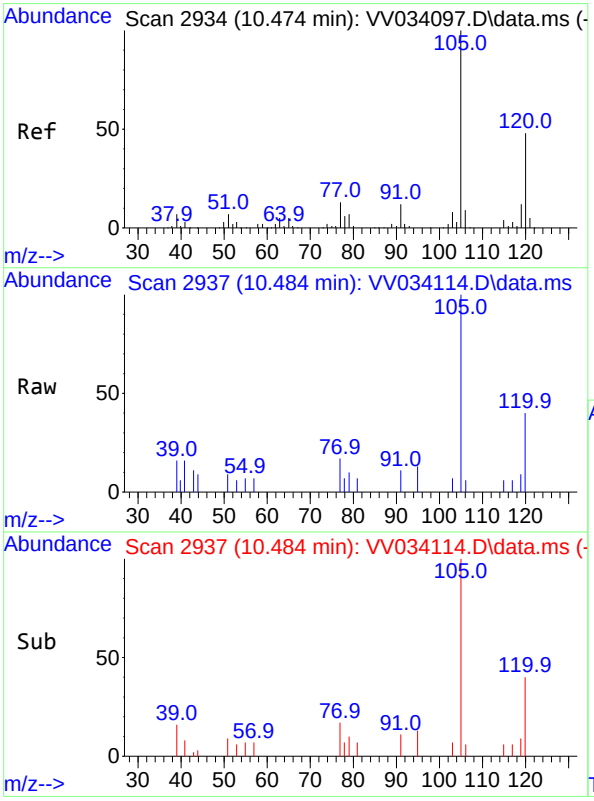
#60
Isopropylbenzene
Concen: 0.391 ug/L
RT: 9.870 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Tgt Ion:105 Resp: 10917

Ion	Ratio	Lower	Upper
105	100		
120	27.3	20.7	31.1
77	18.8	13.0	19.6

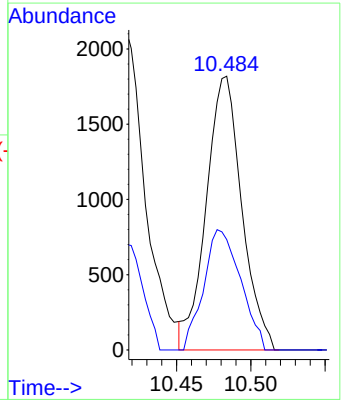


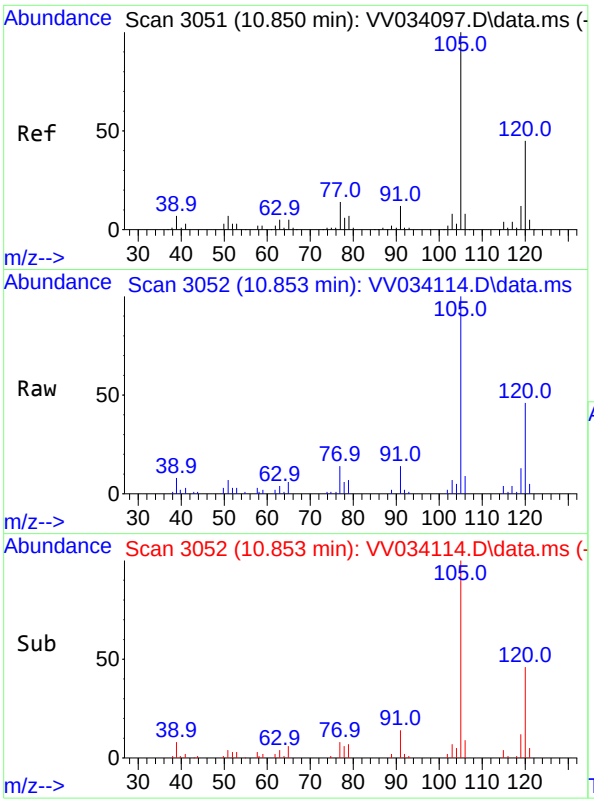


#62
1,3,5-Trimethylbenzene
Concen: 0.129 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.010 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Tgt Ion:105 Resp: 3034

Ion	Ratio	Lower	Upper
105	100		
120	45.5	38.2	57.4



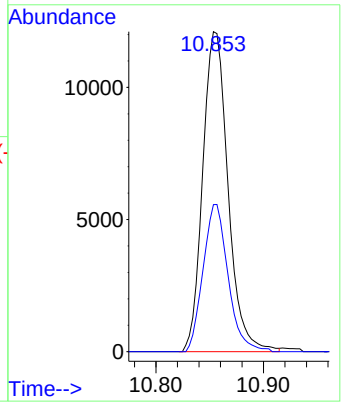


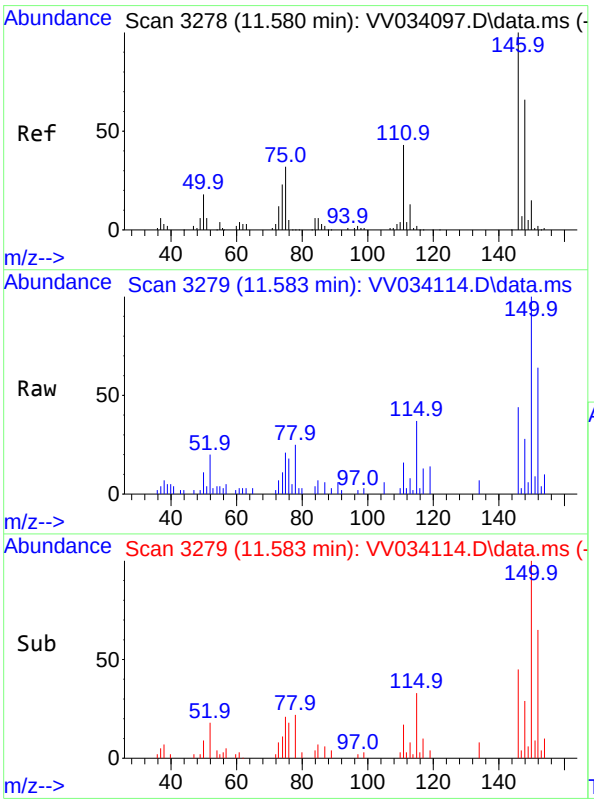
#63
1,2,4-Trimethylbenzene
Concen: 0.864 ug/L
RT: 10.853 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Tgt Ion:105 Resp: 19798

Ion	Ratio	Lower	Upper
105	100		
120	45.5	36.2	54.2





#67
1,2-Dichlorobenzene
Concen: 0.385 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VV034114.D
Acq: 09 Feb 2024 16:03

Tgt Ion:146 Resp: 4019

Ion	Ratio	Lower	Upper
146	100		
111	36.7	31.2	46.8
148	62.9	49.8	74.8