Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Quant Time: Dec 14 04:37:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.564	114	123443	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.802	117	122350	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.191	152	70998	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	36764	4.646	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.000%			
7) Chloroethane-d5	1.552	69	29029	4.932	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.600%			
11) 1,1-Dichloroethene-d2	2.085	65	15594	4.951	ug/L	0.03
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.000%			
20) 2-Butanone-d5	3.934	46	36350	38.816	ug/L	0.14
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.640%			
24) Chloroform-d	4.269	84	76717	4.648	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
26) 1,2-Dichloroethane-d4	4.957	65	40923	5.706	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.200%			
32) Benzene-d6	4.960	84	152832	4.829	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	6.037	67	34985	4.856	ug/L	0.05
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.281	98	139147	4.512	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
43) trans-1,3-Dichloroprop...	7.590	79	14736	4.484	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.600%			
46) 2-Hexanone-d5	8.063	63	42183	45.976	ug/L	0.04
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.960%			
56) 1,1,2,2-Tetrachloroeth...	10.165	84	30128	6.184	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery = 123.600%#			
66) 1,2-Dichlorobenzene-d4	11.564	152	67395	5.389	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	2653	0.298	ug/L #	79
14) Carbon disulfide	2.262	76	19988	0.869	ug/L	96
18) trans-1,2-Dichloroethene	2.709	96	1011	0.118	ug/L	94
22) cis-1,2-Dichloroethene	3.844	96	11673	1.320	ug/L	81
33) Benzene	5.011	78	214779	6.552	ug/L	100
34) Trichloroethene	5.870	95	12963	1.356	ug/L	92
42) Toluene	7.352	91	300421	8.000	ug/L	99
51) Chlorobenzene	8.834	112	52322	2.034	ug/L	98
52) Ethylbenzene	8.966	91	23972	0.570	ug/L	99
53) m,p-Xylene	9.088	106	13976	0.807	ug/L	99
54) o-Xylene	9.493	106	5303	0.323	ug/L	95
60) Isopropylbenzene	9.876	105	14925	0.317	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	17815	0.463	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	83340	2.190	ug/L	100
64) 1,3-Dichlorobenzene	11.130	146	2020	0.084	ug/L #	50
65) 1,4-Dichlorobenzene	11.214	146	10735	0.451	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	27684	1.345	ug/L	95

Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
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Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Quant Time: Dec 14 04:37:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
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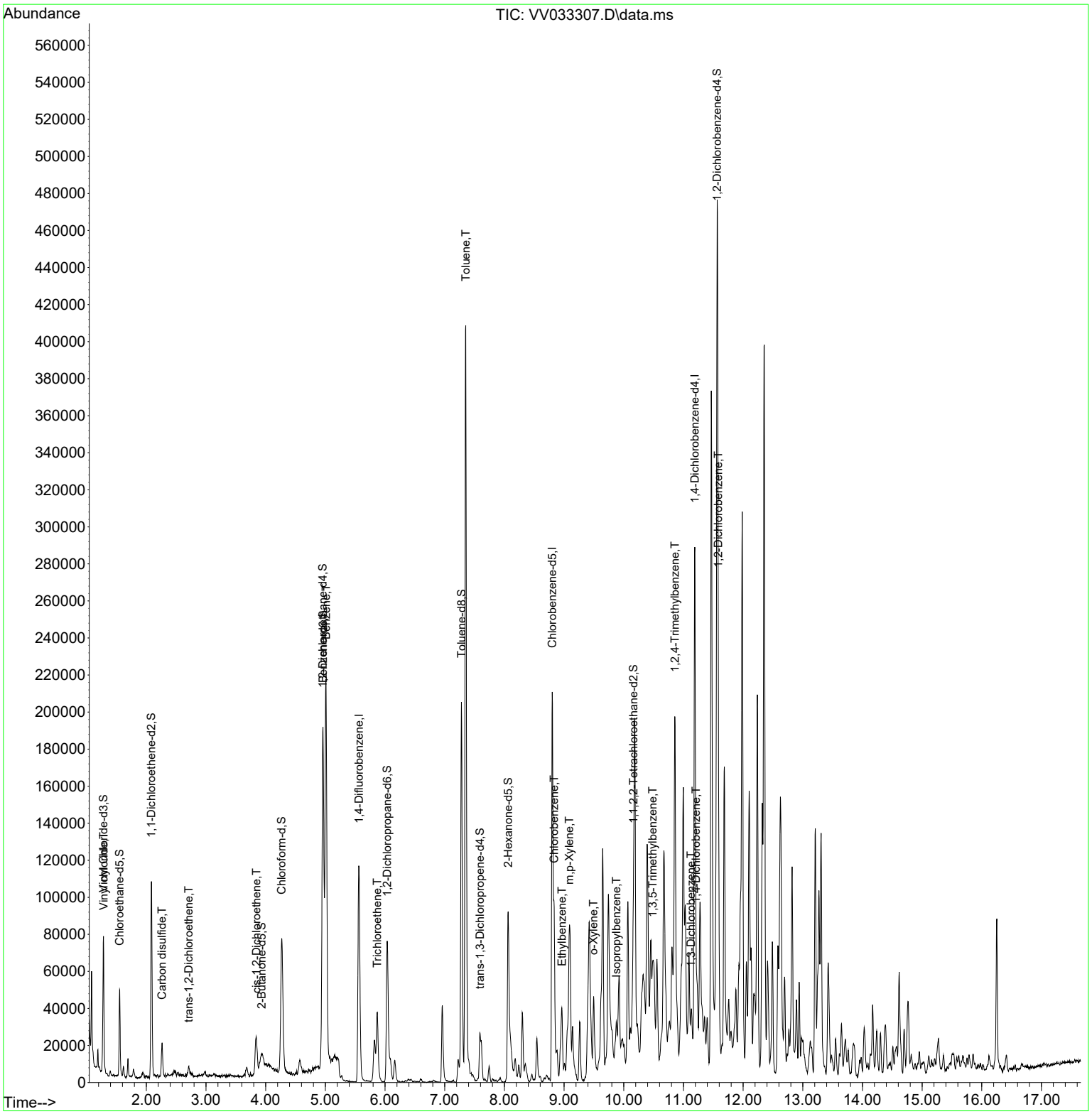
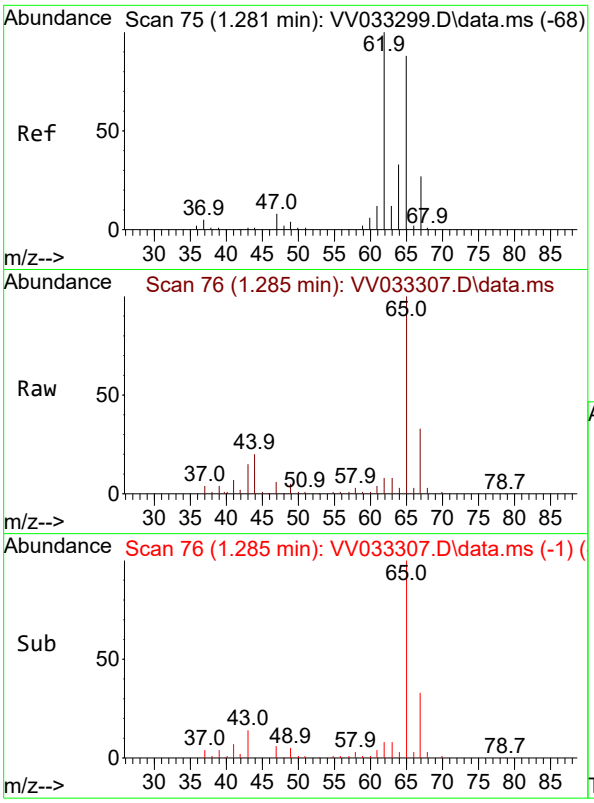


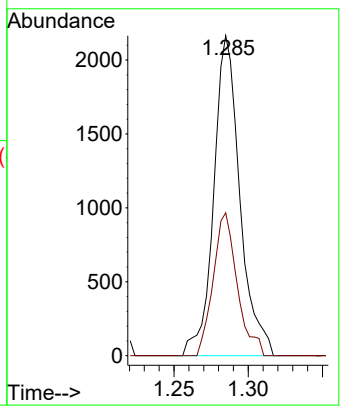


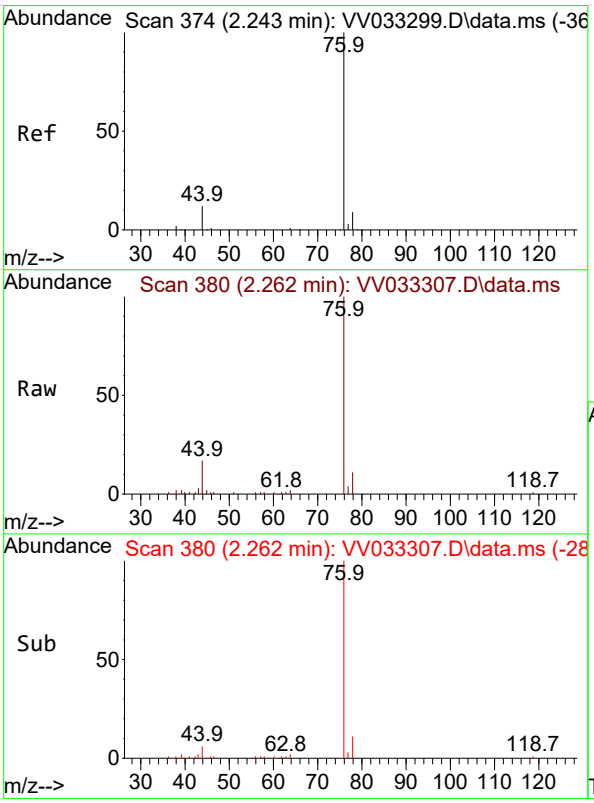
#5
Vinyl chloride
Concen: 0.298 ug/L
RT: 1.285 min Scan# 7
Delta R.T. 0.003 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Tgt Ion: 62 Resp: 2653

Ion	Ratio	Lower	Upper
62	100		
64	44.7	23.0	42.8#

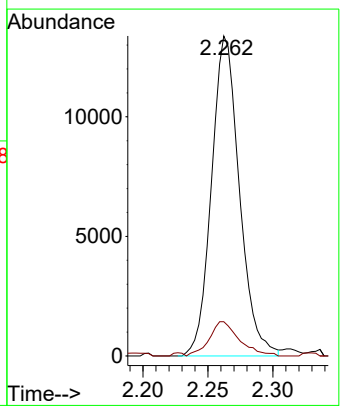


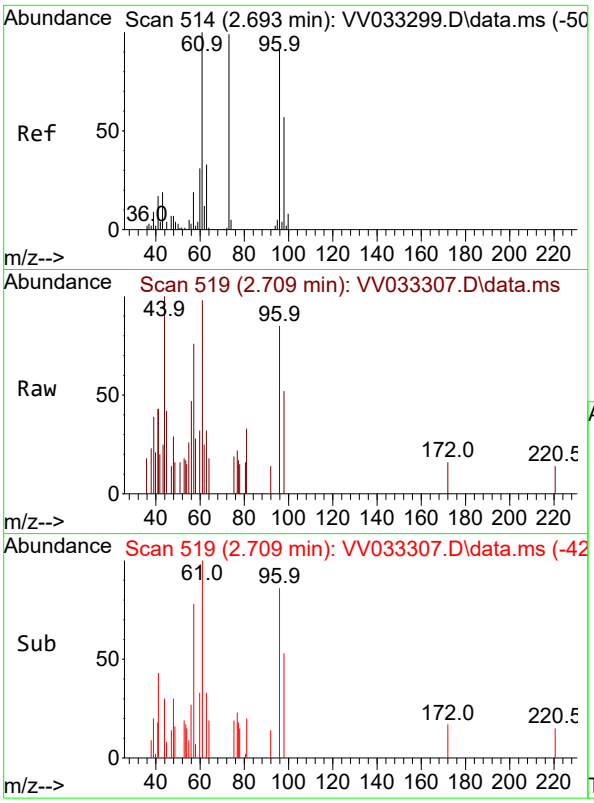


#14
Carbon disulfide
Concen: 0.869 ug/L
RT: 2.262 min Scan# 380
Delta R.T. 0.019 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Tgt Ion: 76 Resp: 19988

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.4	11.0



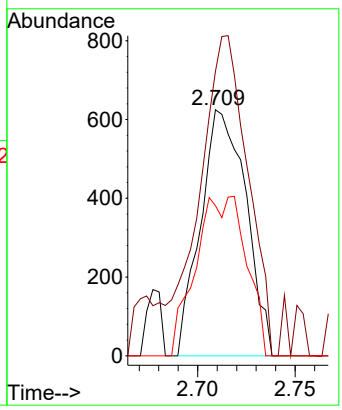


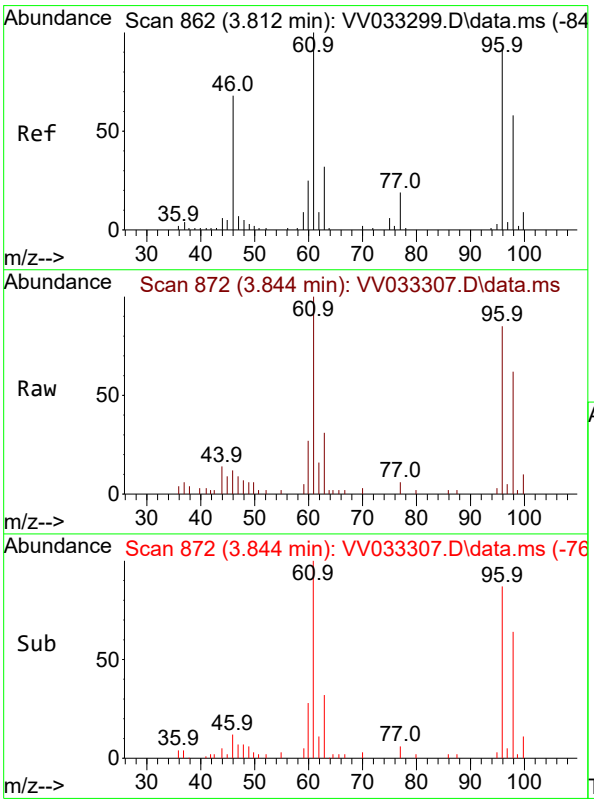
#18
trans-1,2-Dichloroethene
Concen: 0.118 ug/L
RT: 2.709 min Scan# 5
Delta R.T. 0.016 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Tgt Ion: 96 Resp: 1011

Ion	Ratio	Lower	Upper
96	100		
61	115.7	84.6	157.2
98	61.0	46.7	86.7

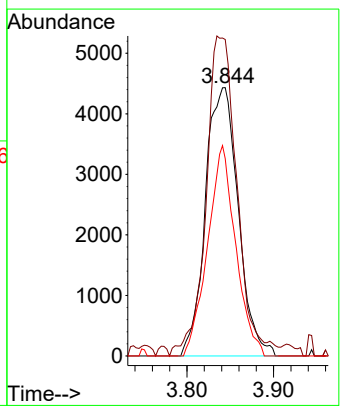


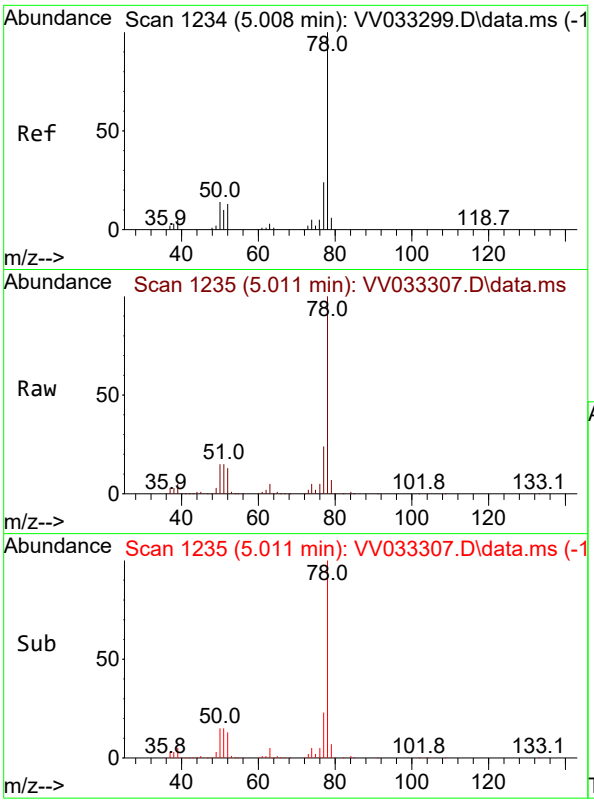


#22
cis-1,2-Dichloroethene
Concen: 1.320 ug/L
RT: 3.844 min Scan# 872
Delta R.T. 0.032 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Tgt Ion: 96 Resp: 11673

Ion	Ratio	Lower	Upper
96	100		
61	118.0	69.9	129.9
98	75.9	42.4	78.8

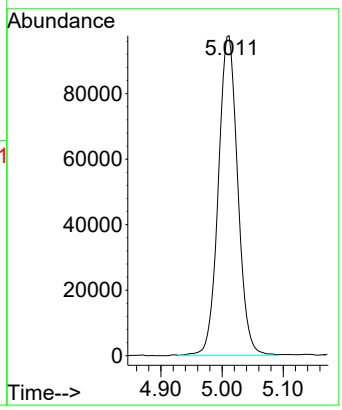


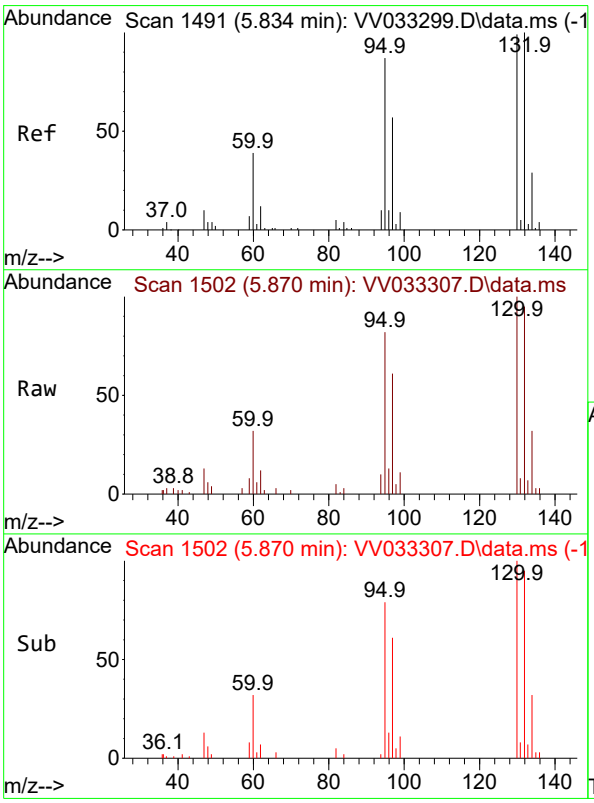


#33
Benzene
Concen: 6.552 ug/L
RT: 5.011 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Tgt Ion: 78 Resp: 214779

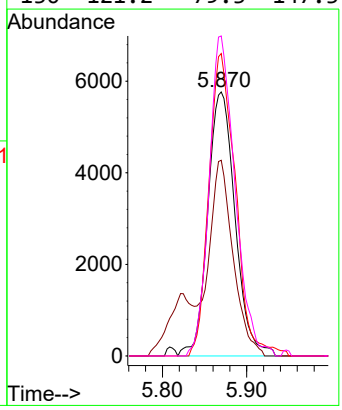


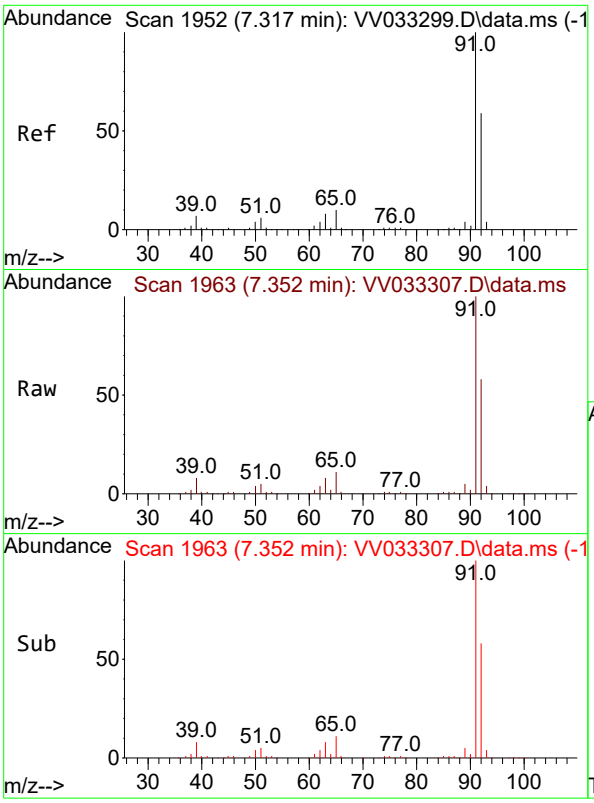


#34
Trichloroethene
Concen: 1.356 ug/L
RT: 5.870 min Scan# 1502
Delta R.T. 0.035 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Tgt Ion: 95 Resp: 12963

Ion	Ratio	Lower	Upper
95	100		
97	74.1	46.5	86.5
132	114.6	75.1	139.5
130	121.2	79.3	147.3



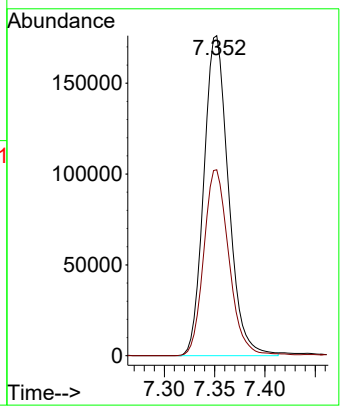


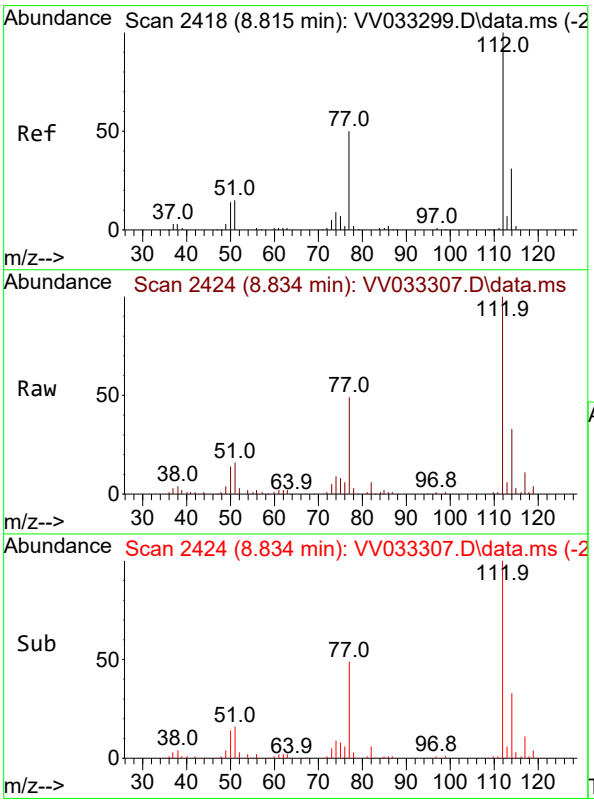
#42
Toluene
Concen: 8.000 ug/L
RT: 7.352 min Scan# 1
Delta R.T. 0.035 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Tgt Ion: 91 Resp: 300421

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.2	74.6

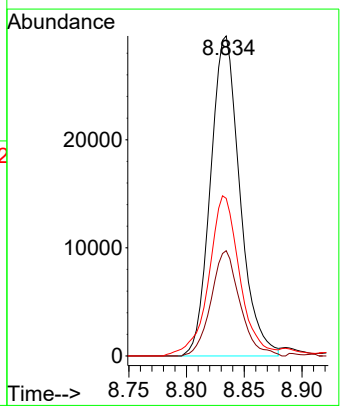


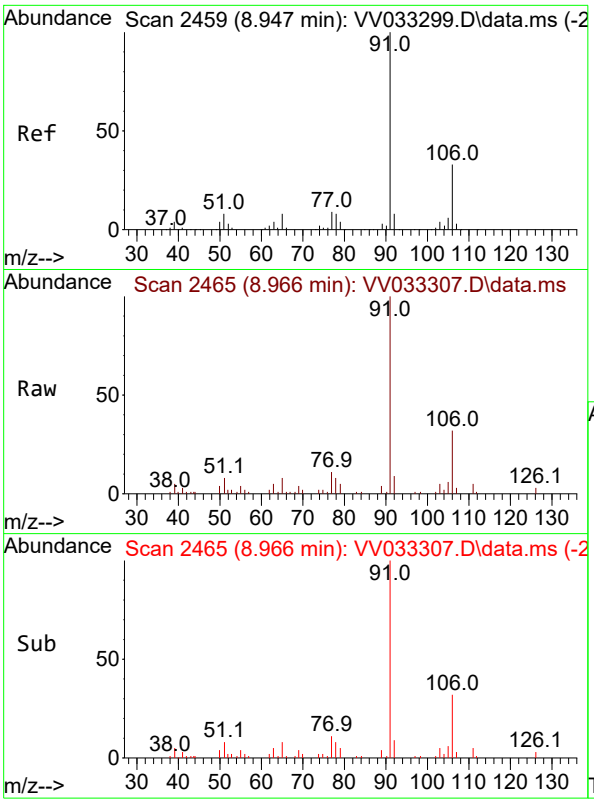


#51
Chlorobenzene
Concen: 2.034 ug/L
RT: 8.834 min Scan# 2424
Delta R.T. 0.019 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Tgt Ion:112 Resp: 52322

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.8	42.4
77	49.2	41.3	61.9



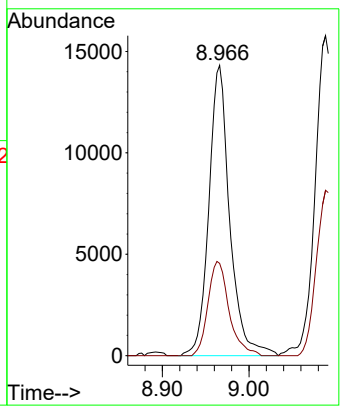


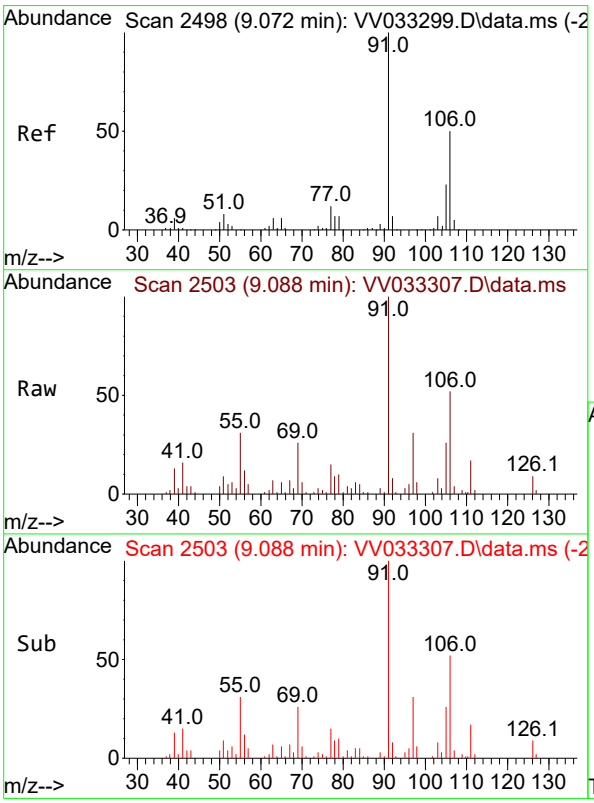
#52
Ethylbenzene
Concen: 0.570 ug/L
RT: 8.966 min Scan# 24
Delta R.T. 0.019 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Tgt Ion: 91 Resp: 23972

Ion	Ratio	Lower	Upper
91	100		
106	31.8	22.7	42.3

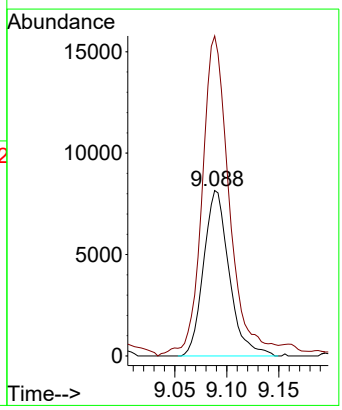


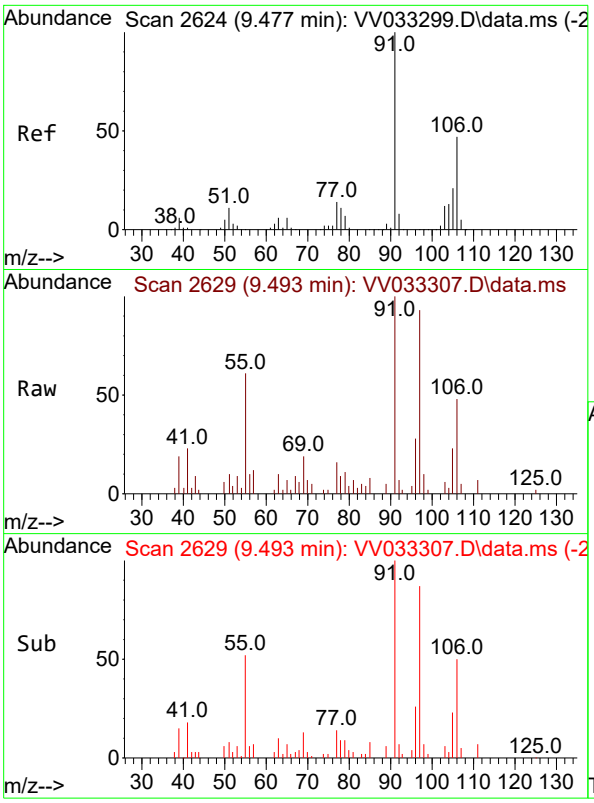


#53
m,p-Xylene
Concen: 0.807 ug/L
RT: 9.088 min Scan# 2503
Delta R.T. 0.016 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Tgt Ion:106 Resp: 13976

Ion	Ratio	Lower	Upper
106	100		
91	193.5	136.8	254.0



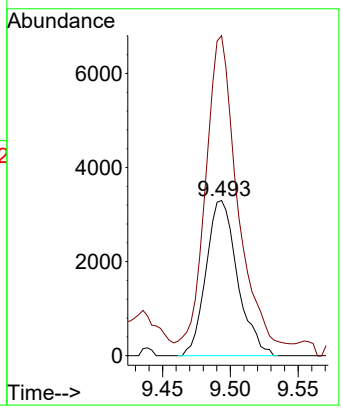


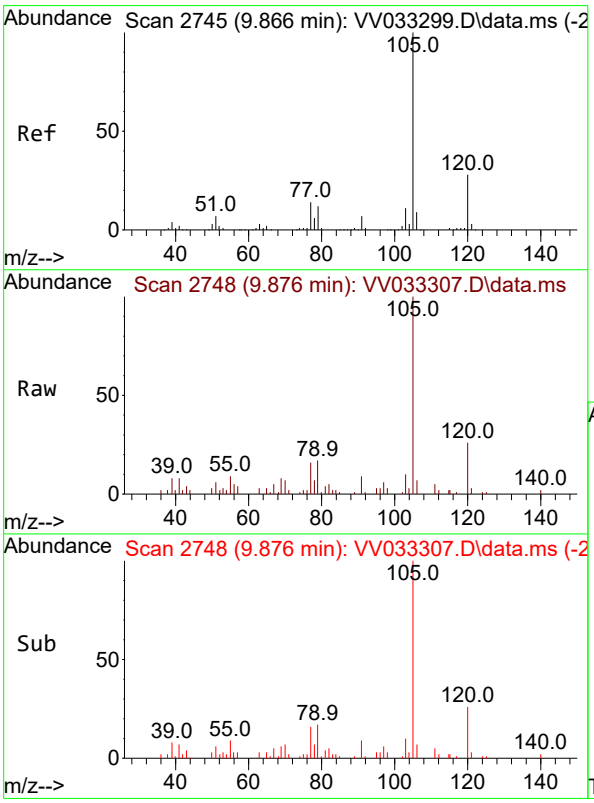
#54
o-Xylene
Concen: 0.323 ug/L
RT: 9.493 min Scan# 2
Delta R.T. 0.016 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Tgt Ion:106 Resp: 5303

Ion	Ratio	Lower	Upper
106	100		
91	206.2	149.9	278.5

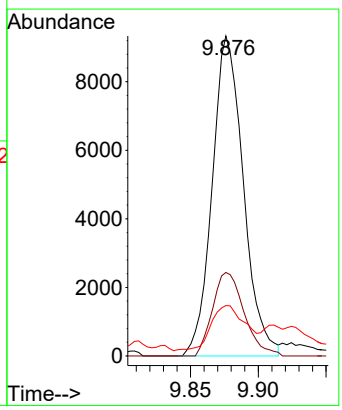


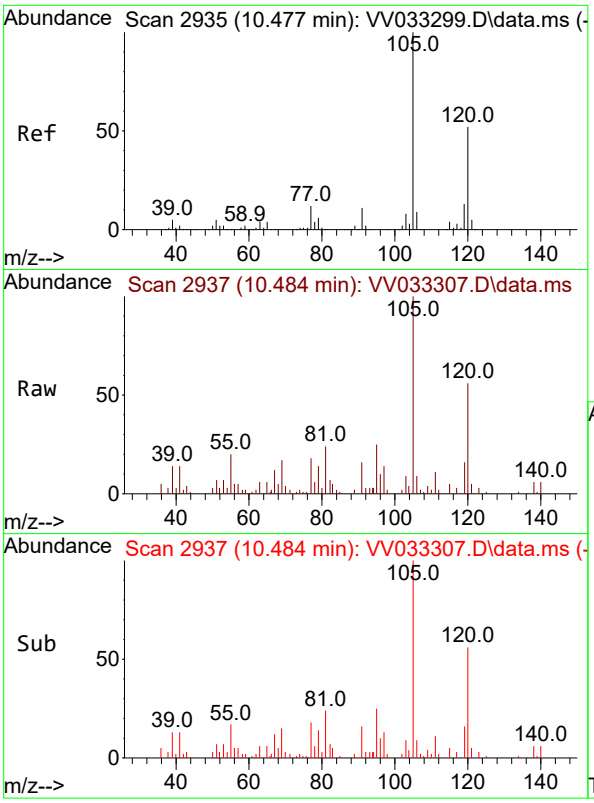


#60
Isopropylbenzene
Concen: 0.317 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. 0.010 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Tgt Ion:105 Resp: 14925

Ion	Ratio	Lower	Upper
105	100		
120	26.4	22.2	33.4
77	14.8	11.6	17.4



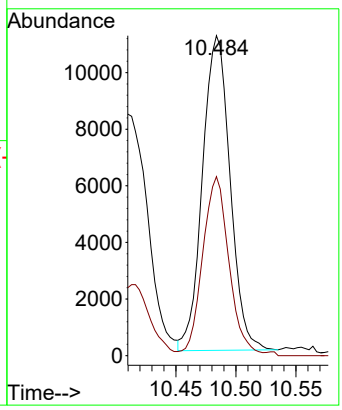


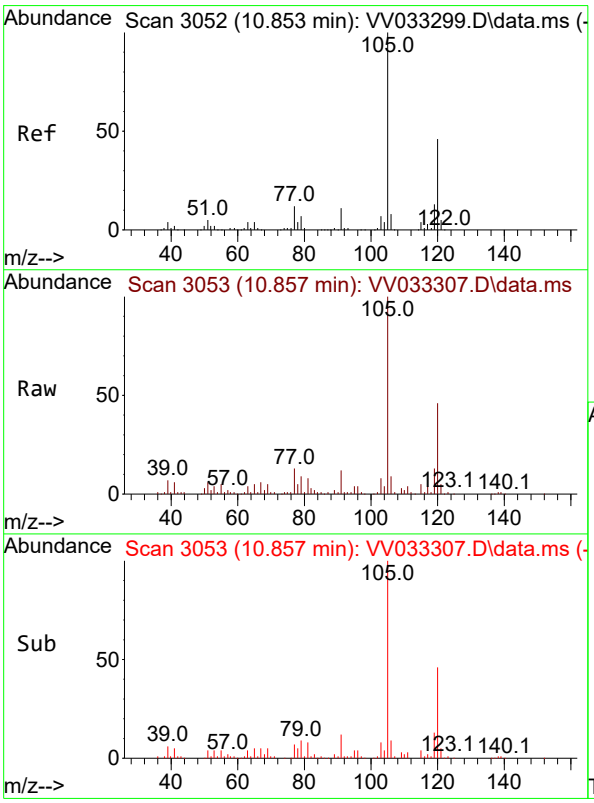
#62
1,3,5-Trimethylbenzene
Concen: 0.463 ug/L
RT: 10.484 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Tgt Ion:105 Resp: 17815

Ion	Ratio	Lower	Upper
105	100		
120	51.7	41.7	62.5

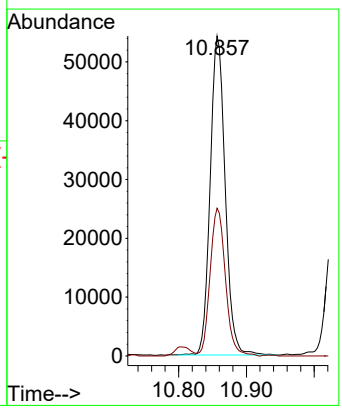


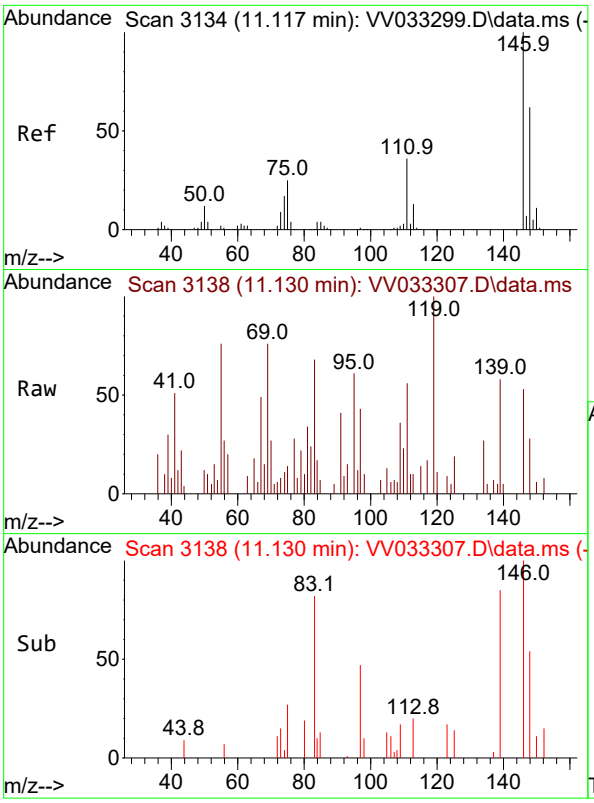


#63
1,2,4-Trimethylbenzene
Concen: 2.190 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Tgt Ion:105 Resp: 83340

Ion	Ratio	Lower	Upper
105	100		
120	47.3	38.1	57.1



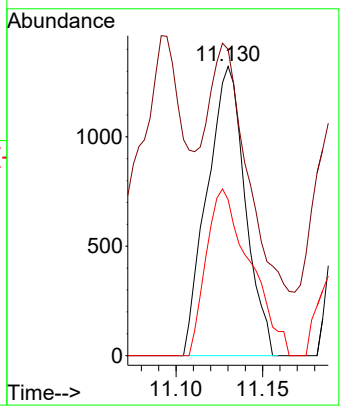


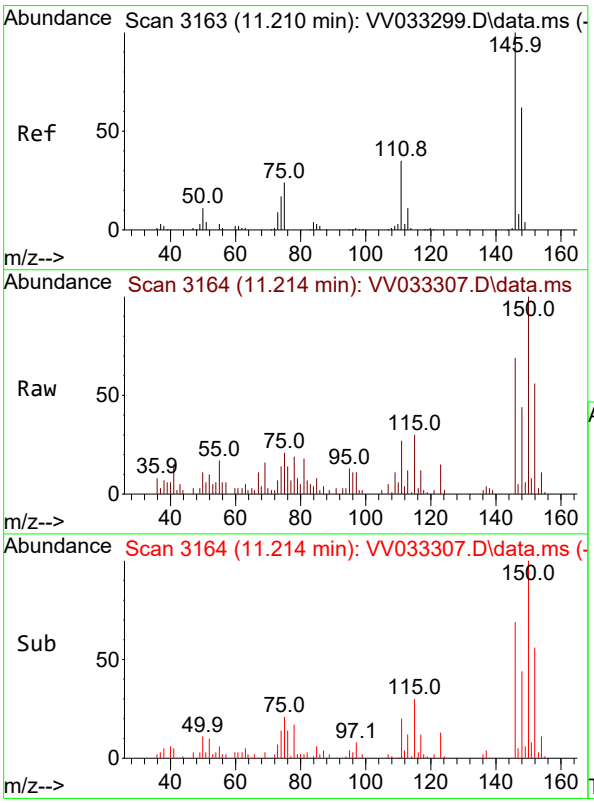
#64
1,3-Dichlorobenzene
Concen: 0.084 ug/L
RT: 11.130 min Scan# 3
Delta R.T. 0.013 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Tgt Ion:146 Resp: 2020

Ion	Ratio	Lower	Upper
146	100		
111	105.9	26.0	48.2#
148	53.9	44.5	82.7

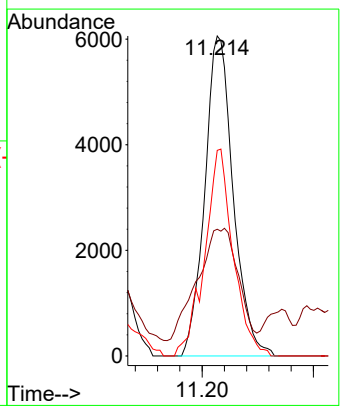


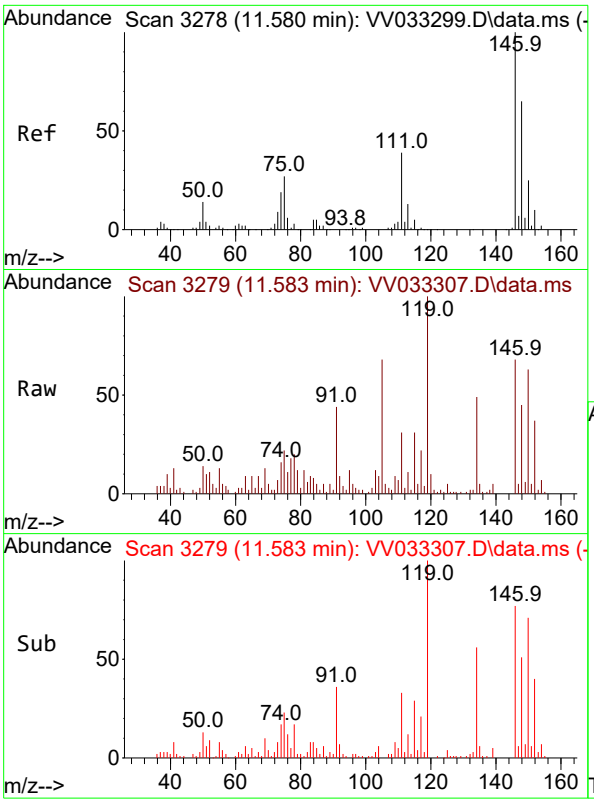


#65
1,4-Dichlorobenzene
Concen: 0.451 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Tgt Ion:146 Resp: 10735

Ion	Ratio	Lower	Upper
146	100		
111	39.6	25.6	47.4
148	64.2	44.7	82.9





#67
1,2-Dichlorobenzene
Concen: 1.345 ug/L
RT: 11.583 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV033307.D
Acq: 14 Dec 2023 03:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Tgt Ion:146 Resp: 27684

Ion	Ratio	Lower	Upper
146	100		
111	46.3	31.0	46.4
148	66.3	52.6	79.0