Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033288.D
Acq On : 13 Dec 2023 19:58
Operator : SY/MD
Sample : 05731-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Quant Time: Dec 13 23:35:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	124669	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	125173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	63893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41448	5.186	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.800%			
7) Chloroethane-d5	1.535	69	31396	5.282	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.600%			
11) 1,1-Dichloroethene-d2	2.060	65	16069	5.052	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.000%			
20) 2-Butanone-d5	3.805	46	52708	55.730	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.460%			
24) Chloroform-d	4.249	84	90239	5.413	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.200%			
26) 1,2-Dichloroethane-d4	4.944	65	42006	5.799	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.000%			
32) Benzene-d6	4.960	84	172220	5.319	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.400%			
36) 1,2-Dichloropropane-d6	5.992	67	42197	5.725	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.600%			
41) Toluene-d8	7.246	98	159372	5.051	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.000%			
43) trans-1,3-Dichloroprop...	7.554	79	17810	5.297	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.000%			
46) 2-Hexanone-d5	8.030	63	57425	61.178	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.360%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28447	5.707	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.200%			
66) 1,2-Dichlorobenzene-d4	11.561	152	66820	5.938	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.800%			
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1102	0.124	ug/L	96
13) Acetone	2.137	43	2919	4.361	ug/L	66
14) Carbon disulfide	2.243	76	2570	0.111	ug/L	100
22) cis-1,2-Dichloroethene	3.821	96	2448	0.274	ug/L	96
30) Cyclohexane	4.580	56	2455	0.222	ug/L #	16
33) Benzene	5.021	78	11740	0.350	ug/L	100
34) Trichloroethene	5.834	95	63570	6.501	ug/L	98
35) Methylcyclohexane	6.047	83	3761	0.260	ug/L	91
39) cis-1,3-Dichloropropene	6.915	75	1133	0.103	ug/L	90
42) Toluene	7.320	91	29355	0.764	ug/L	97
44) trans-1,3-Dichloropropene	7.561	75	765	0.084	ug/L	95
47) Tetrachloroethene	7.911	164	3167	0.342	ug/L	96
49) Dibromochloromethane	7.908	129	2800	0.384	ug/L #	11
52) Ethylbenzene	8.953	91	9048	0.210	ug/L	97
53) m,p-Xylene	9.079	106	4427	0.250	ug/L	88
54) o-Xylene	9.480	106	1867	0.111	ug/L	95
61) 1,2,3-Trichloropropane	11.185	75	5174	1.528	ug/L #	56
63) 1,2,4-Trimethylbenzene	10.860	105	3714	0.108	ug/L	89

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033288.D
Acq On : 13 Dec 2023 19:58
Operator : SY/MD
Sample : 05731-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Quant Time: Dec 13 23:35:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 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\
Data File : VV033288.D
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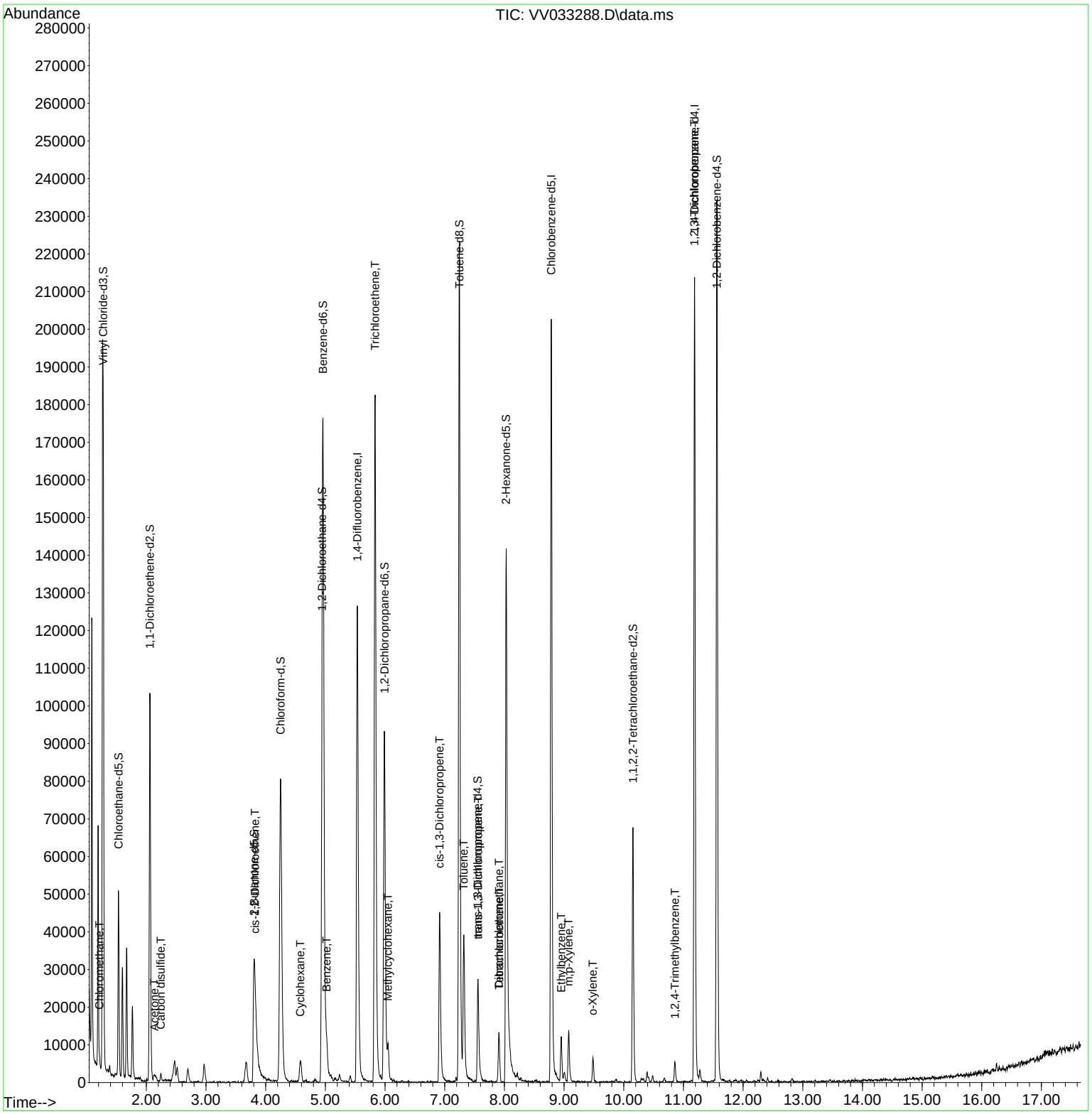
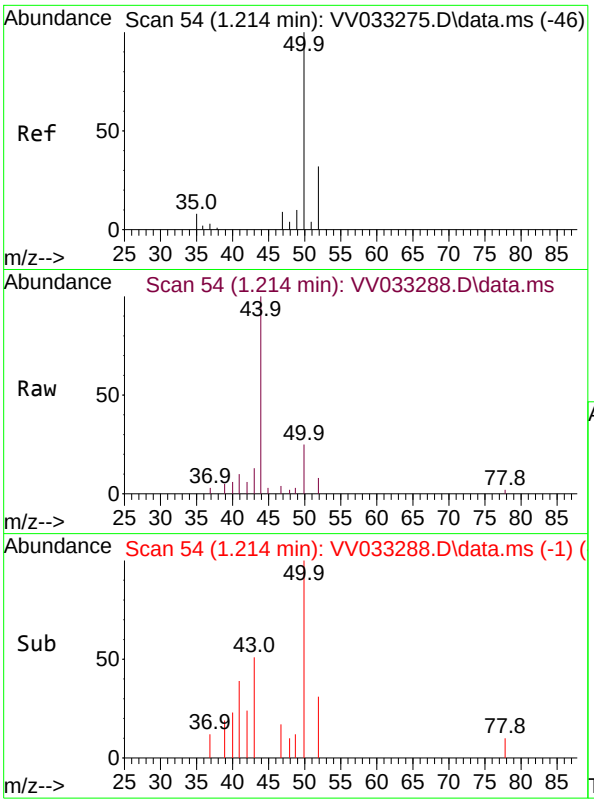
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration



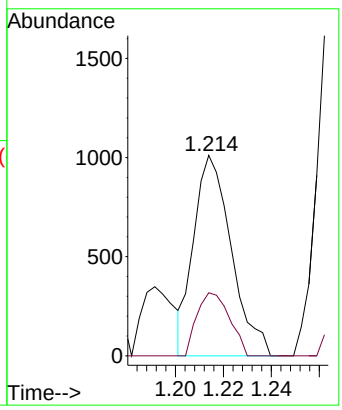


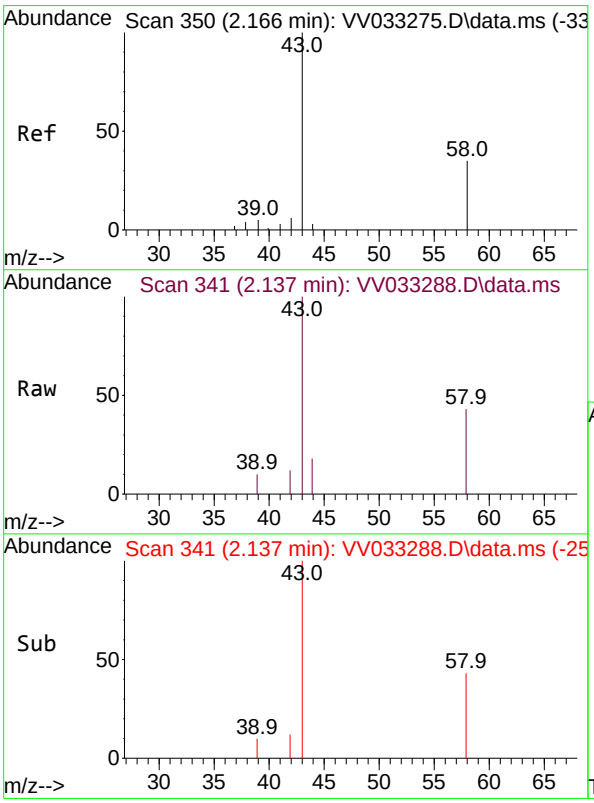
#3
Chloromethane
Concen: 0.124 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion: 50 Resp: 1102

Ion	Ratio	Lower	Upper
50	100		
52	31.5	23.8	44.2

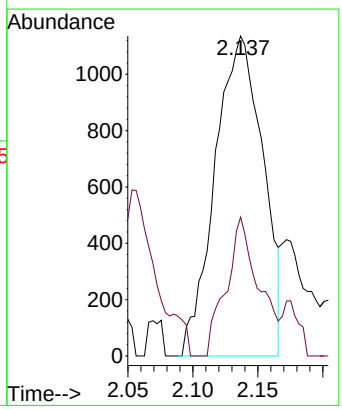


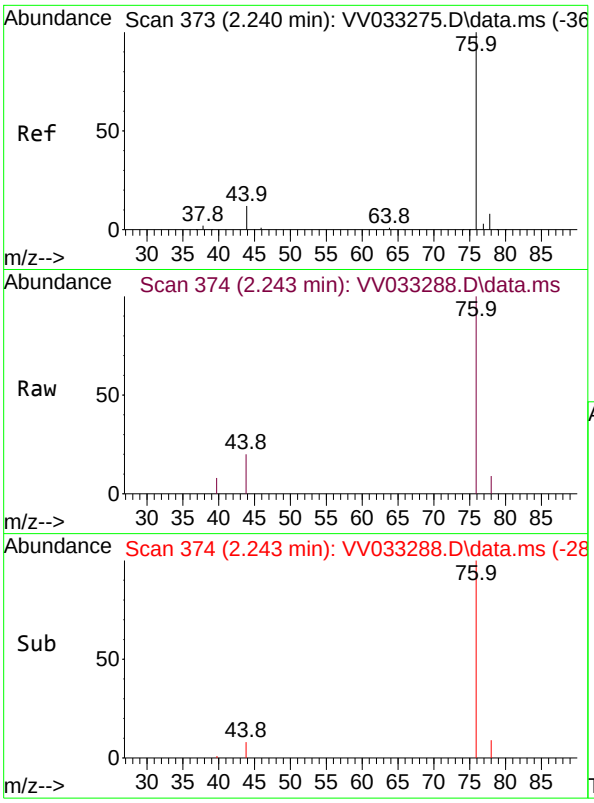


#13
Acetone
Concen: 4.361 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.029 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Tgt Ion: 43 Resp: 2919

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	30.2



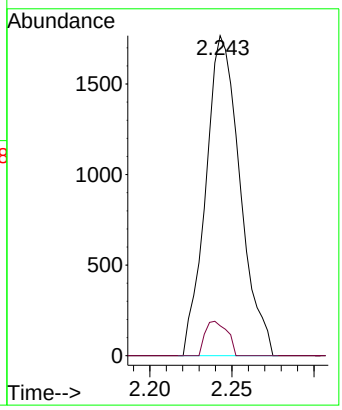


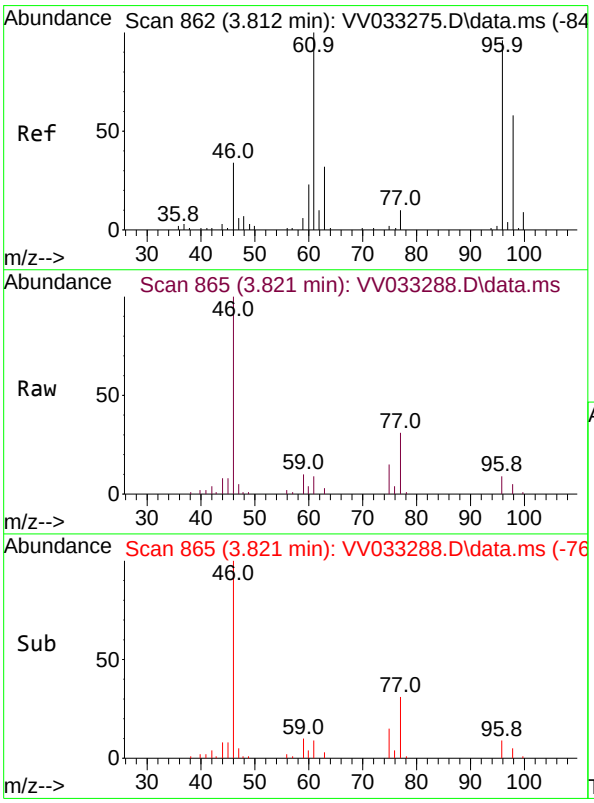
#14
Carbon disulfide
Concen: 0.111 ug/L
RT: 2.243 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion: 76 Resp: 2570

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

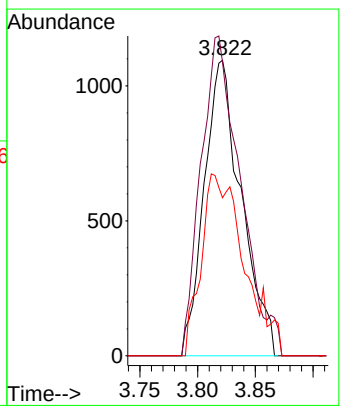


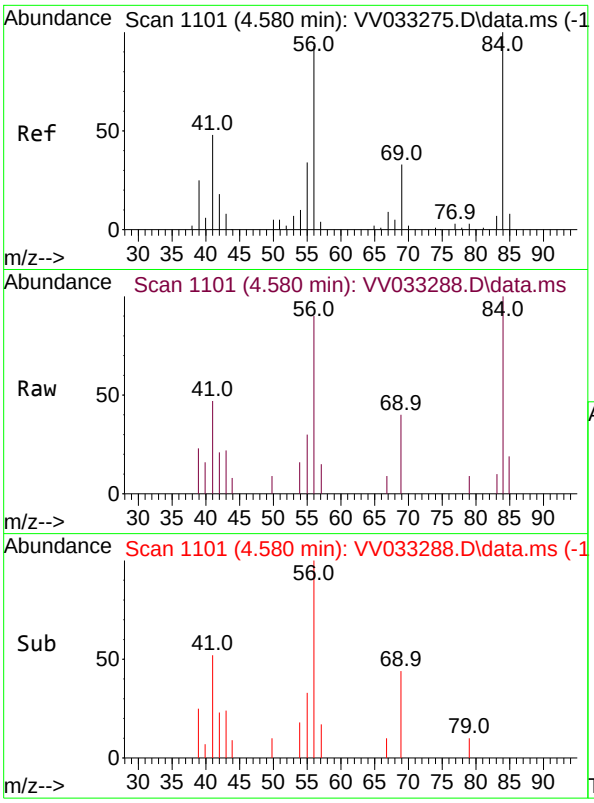


#22
cis-1,2-Dichloroethene
Concen: 0.274 ug/L
RT: 3.821 min Scan# 865
Delta R.T. 0.010 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Tgt Ion: 96 Resp: 2448

Ion	Ratio	Lower	Upper
96	100		
61	99.4	69.9	129.9
98	53.5	42.4	78.8



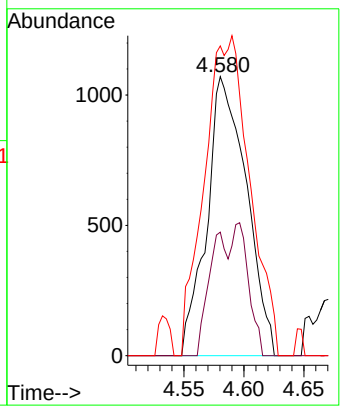


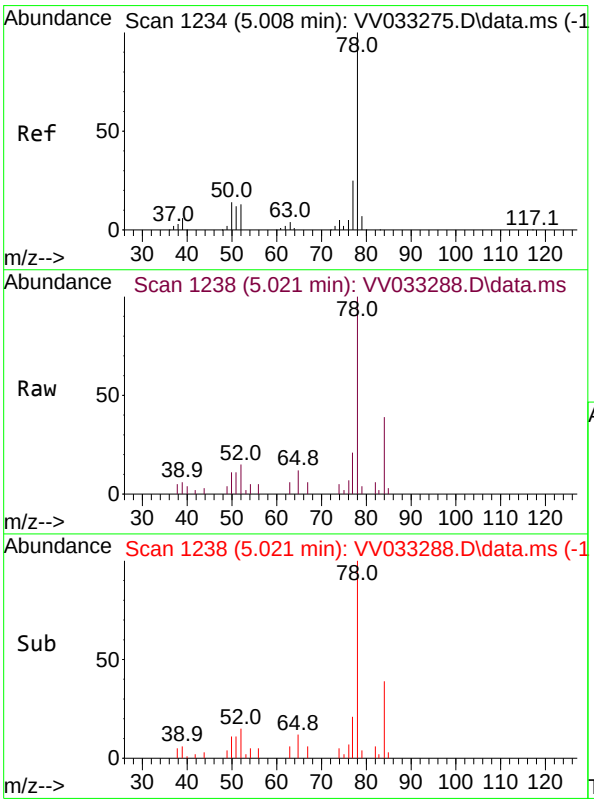
#30
Cyclohexane
Concen: 0.222 ug/L
RT: 4.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion: 56 Resp: 2455

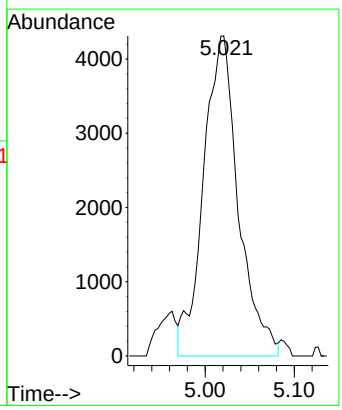
Ion	Ratio	Lower	Upper
56	100		
69	21.3	28.8	43.2#
84	0.0	86.2	129.4#

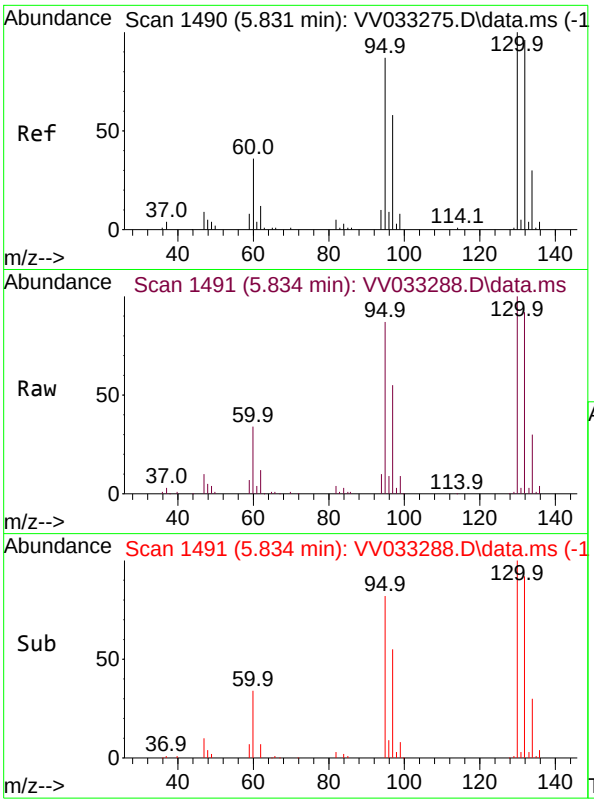




#33
Benzene
Concen: 0.350 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.013 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Tgt Ion: 78 Resp: 11740



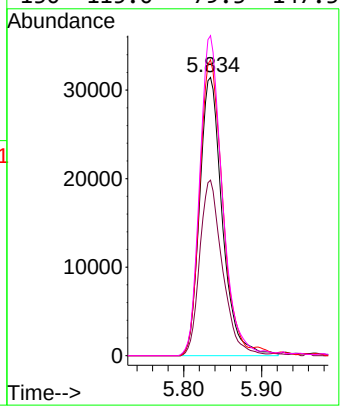


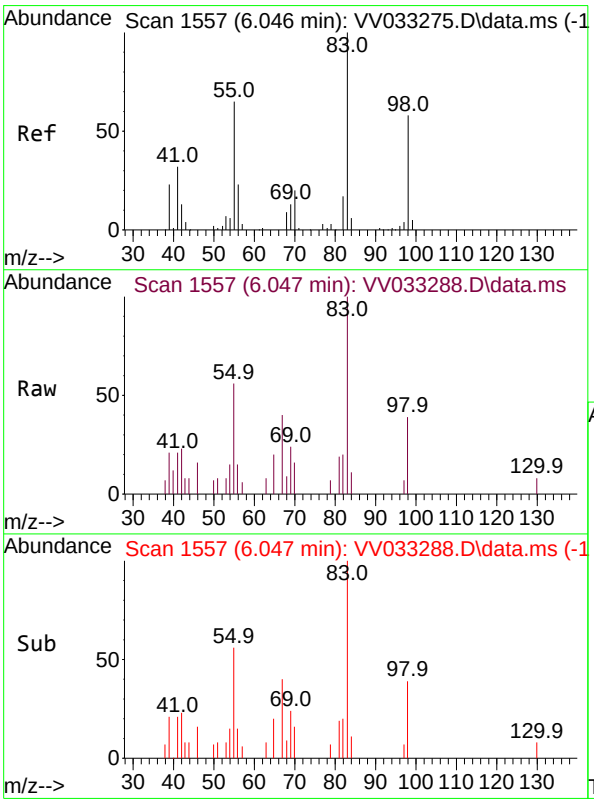
#34
Trichloroethene
Concen: 6.501 ug/L
RT: 5.834 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion: 95 Resp: 63570

Ion	Ratio	Lower	Upper
95	100		
97	63.1	46.5	86.5
132	106.3	75.1	139.5
130	115.0	79.3	147.3

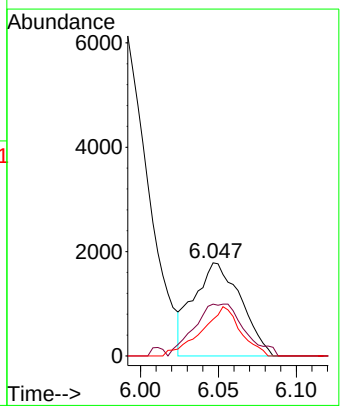


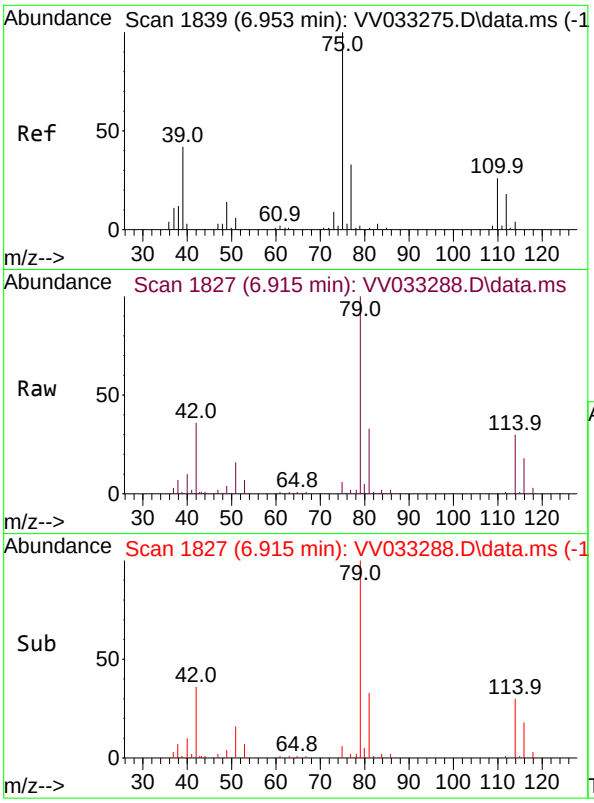


#35
Methylcyclohexane
Concen: 0.260 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Tgt Ion: 83 Resp: 3761

Ion	Ratio	Lower	Upper
83	100		
55	58.7	50.7	76.1
98	43.6	42.4	63.6



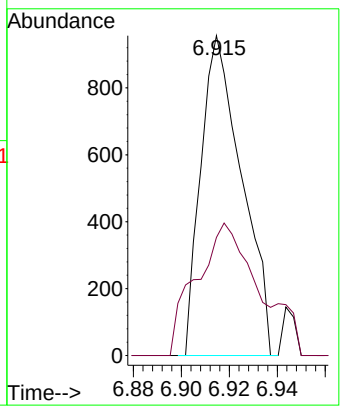


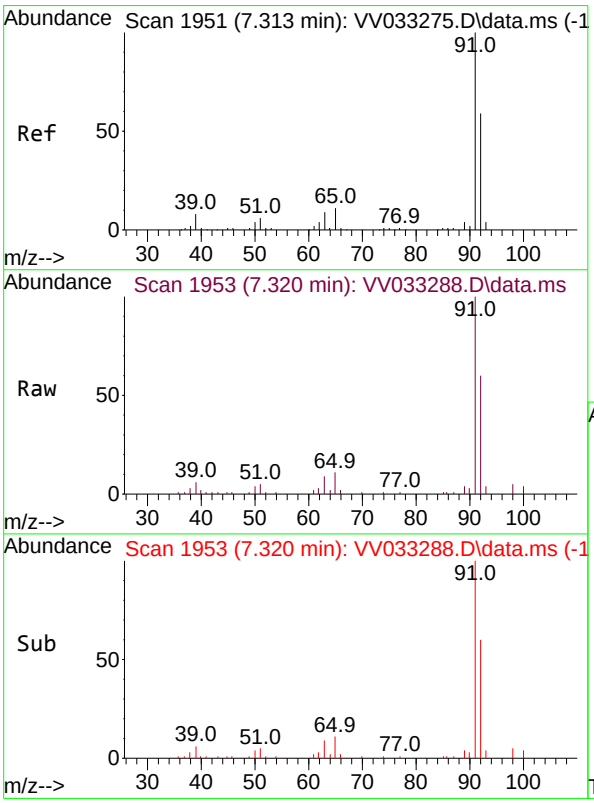
#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 6.915 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion: 75 Resp: 1133

Ion	Ratio	Lower	Upper
75	100		
77	36.9	22.1	41.1

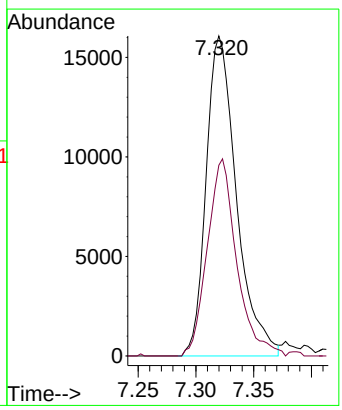


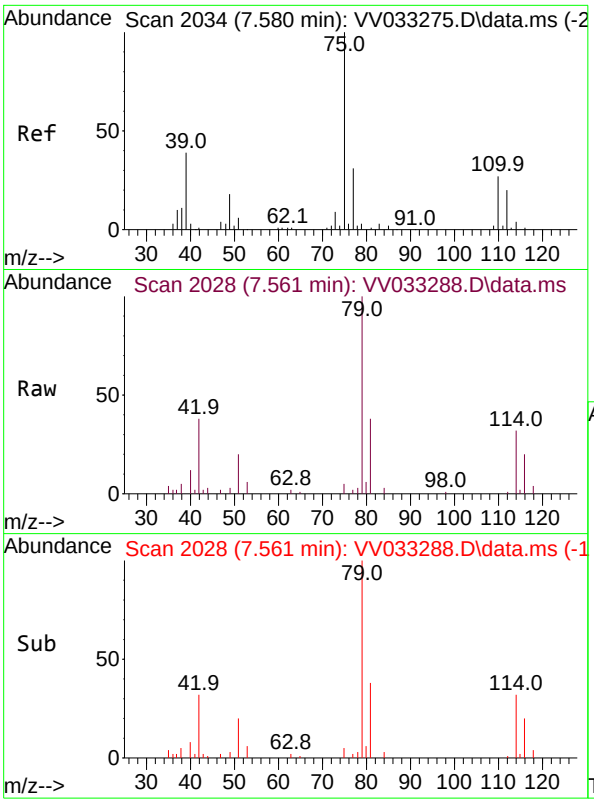


#42
Toluene
Concen: 0.764 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Tgt Ion: 91 Resp: 29355

Ion	Ratio	Lower	Upper
91	100		
92	59.6	40.2	74.6



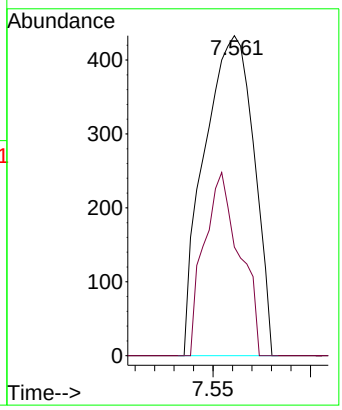


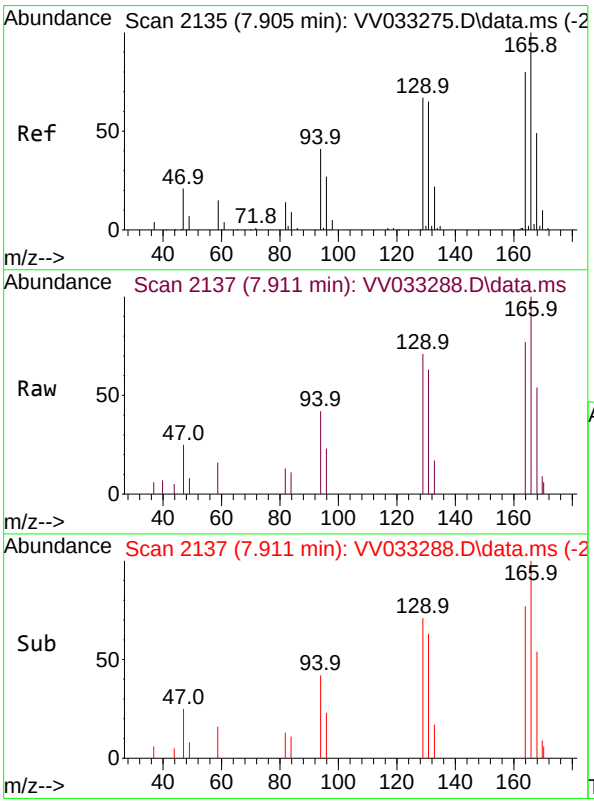
#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.561 min Scan# 2
Delta R.T. -0.019 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion: 75 Resp: 765

Ion	Ratio	Lower	Upper
75	100		
77	33.9	21.7	40.3

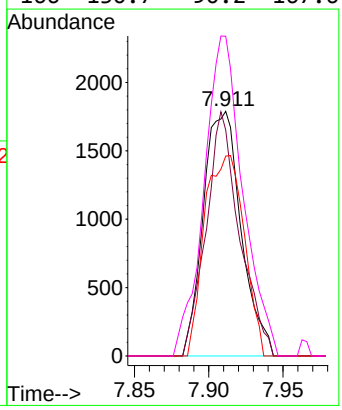


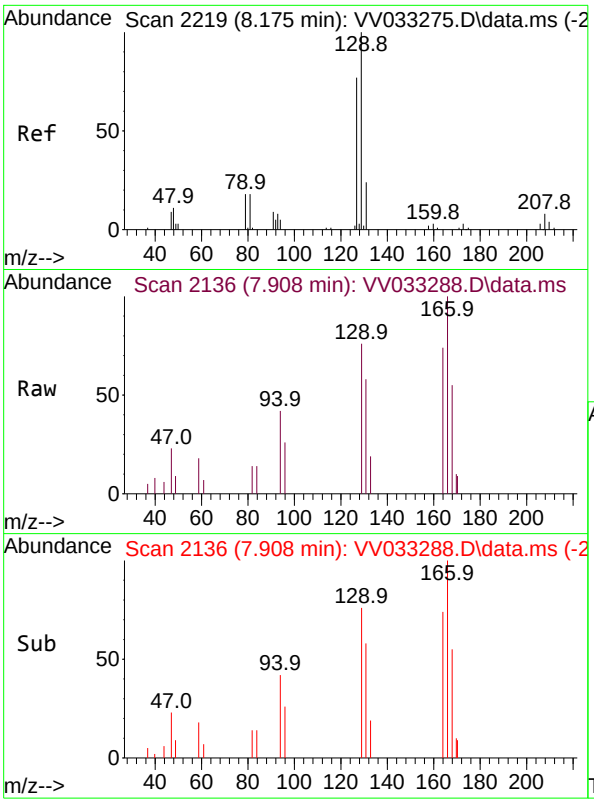


#47
Tetrachloroethene
Concen: 0.342 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Tgt Ion:164 Resp: 3167

Ion	Ratio	Lower	Upper
164	100		
129	92.3	62.6	116.3
131	81.7	62.6	116.3
166	130.7	90.2	167.6



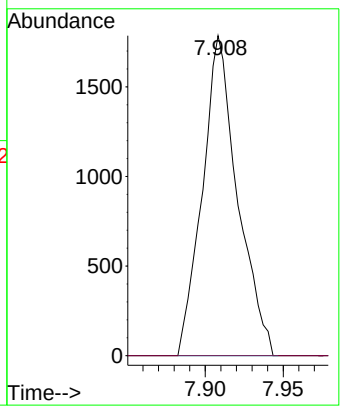


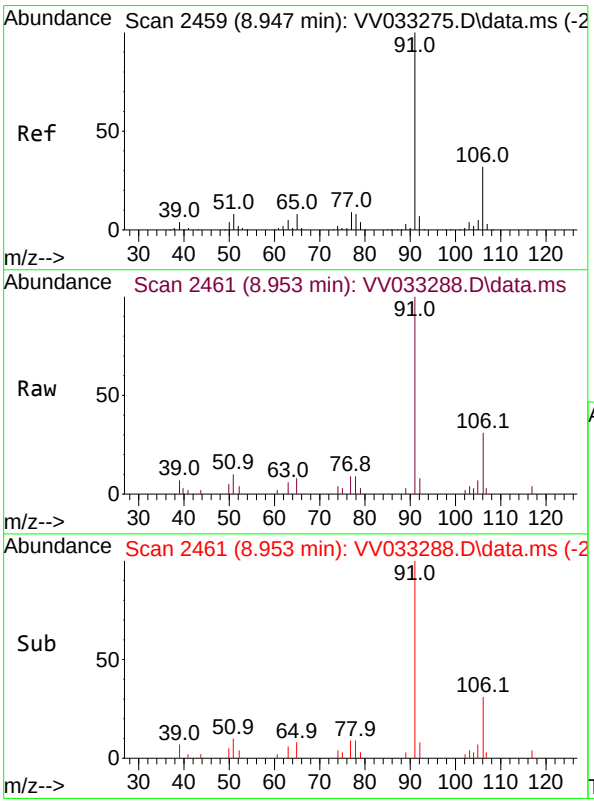
#49
Dibromochloromethane
Concen: 0.384 ug/L
RT: 7.908 min Scan# 21
Delta R.T. -0.267 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion:129 Resp: 2800

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.2	98.8#

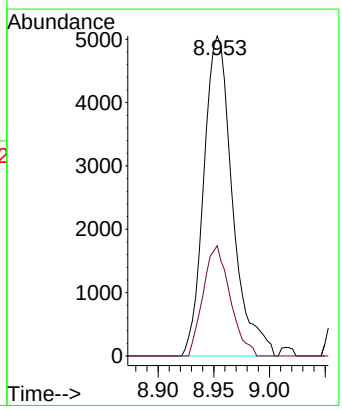


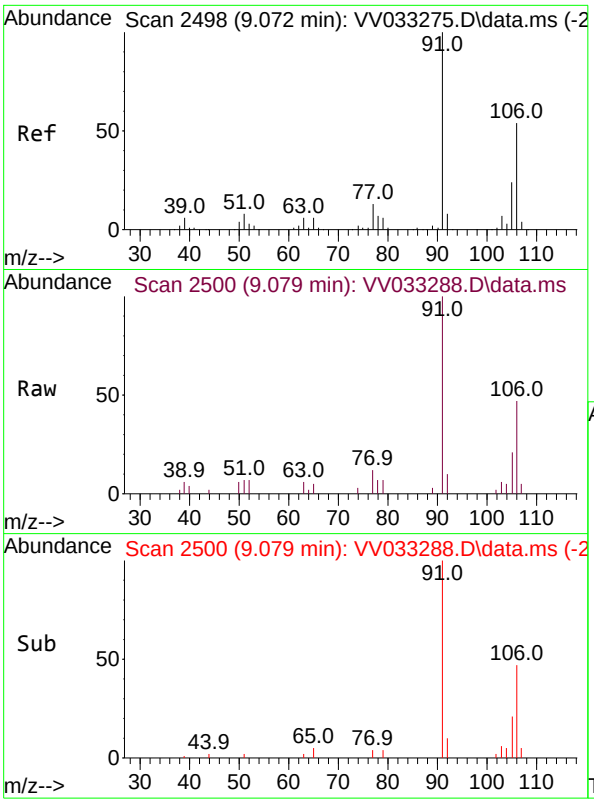


#52
Ethylbenzene
Concen: 0.210 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.006 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Tgt Ion: 91 Resp: 9048

Ion	Ratio	Lower	Upper
91	100		
106	34.4	22.7	42.3



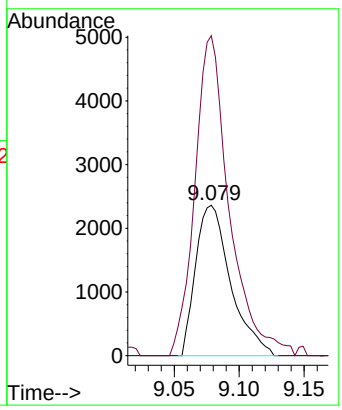


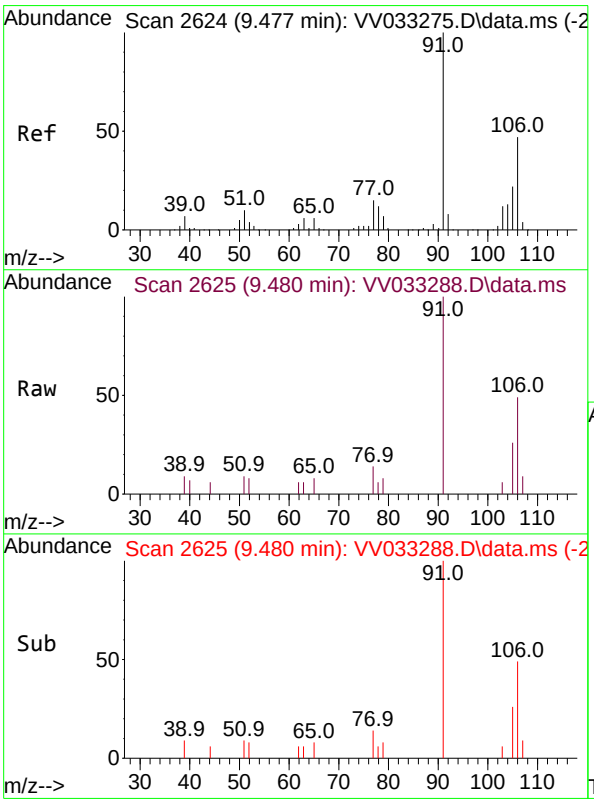
#53
m,p-Xylene
Concen: 0.250 ug/L
RT: 9.079 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion:106 Resp: 4427

Ion	Ratio	Lower	Upper
106	100		
91	212.7	136.8	254.0

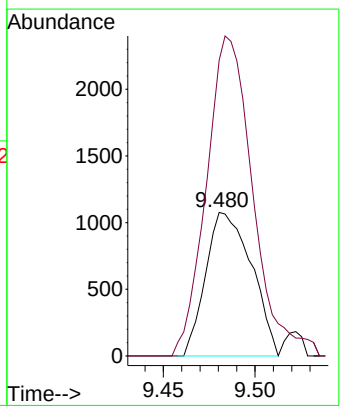


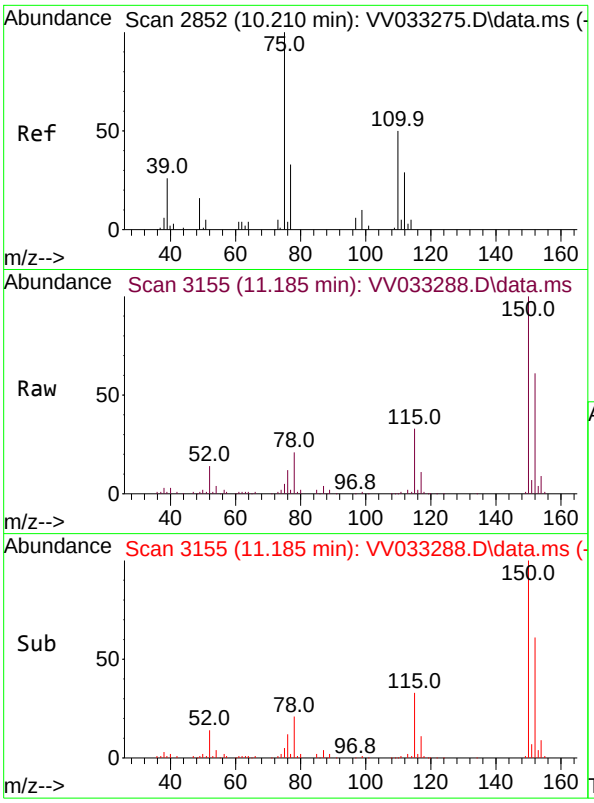


#54
o-Xylene
Concen: 0.111 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Tgt Ion:106 Resp: 1867

Ion	Ratio	Lower	Upper
106	100		
91	205.9	149.9	278.5



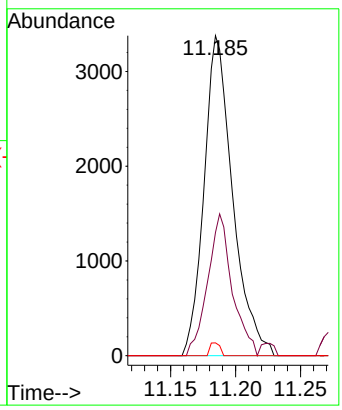


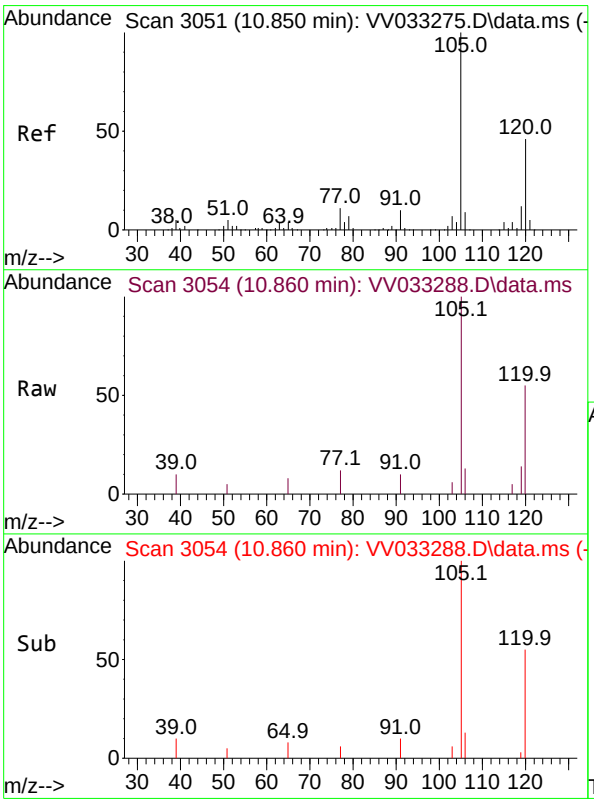
#61
1,2,3-Trichloropropane
Concen: 1.528 ug/L
RT: 11.185 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion: 75 Resp: 5174

Ion	Ratio	Lower	Upper
75	100		
77	38.0	27.4	41.2
110	1.4	39.4	59.2#





#63
1,2,4-Trimethylbenzene
Concen: 0.108 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Tgt Ion:105 Resp: 3714

Ion	Ratio	Lower	Upper
105	100		
120	54.8	38.1	57.1