Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050724\
Data File : VV035547.D
Acq On : 07 May 2024 12:19
Operator : SY/MD
Sample : VV0507WBL04
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 08 02:25:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 02:24:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	436448	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	458753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	230195	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	135320	20.060	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.240%			
7) Chloroethane-d5	1.529	69	116077	21.329	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.320%			
11) 1,1-Dichloroethene-d2	2.053	65	61530	20.603	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.400%			
21) 2-Butanone-d5	3.844	46	55223	28.846	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.700%			
24) Chloroform-d	4.246	84	282970	21.808	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.240%			
26) 1,2-Dichloroethane-d4	4.940	65	148820	23.200	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.800%			
32) Benzene-d6	4.957	84	537477	21.403	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.600%			
36) 1,2-Dichloropropane-d6	5.985	67	173520	22.390	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.560%			
41) Toluene-d8	7.243	98	459327	20.552	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.200%			
43) trans-1,3-Dichloroprop...	7.555	79	69765	21.049	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.200%			
47) 2-Hexanone-d5	8.034	63	63253	45.391	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.780%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	173661	23.255	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.000%			
66) 1,2-Dichlorobenzene-d4	11.558	152	192093	24.045	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.200%			
Target Compounds						Qvalue
8) Chloroethane	1.545	64	221	0.039	ug/L #	42
16) Methylene chloride	2.445	84	9306	0.925	ug/L	92
25) Chloroform	4.265	83	1382	0.094	ug/L #	30
35) Methylcyclohexane	5.985	83	40029	3.070	ug/L #	21
60) Isopropylbenzene	9.870	105	386	0.013	ug/L #	46
61) 1,2,3-Trichloropropane	10.214	75	159	0.029	ug/L #	37
62) 1,3,5-Trimethylbenzene	10.490	105	591	0.025	ug/L #	80
63) 1,2,4-Trimethylbenzene	10.860	105	611	0.025	ug/L #	54

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

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MSVOA_V
ClientSampleId :

Quant Time: May 08 02:25:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 02:24:43 2024
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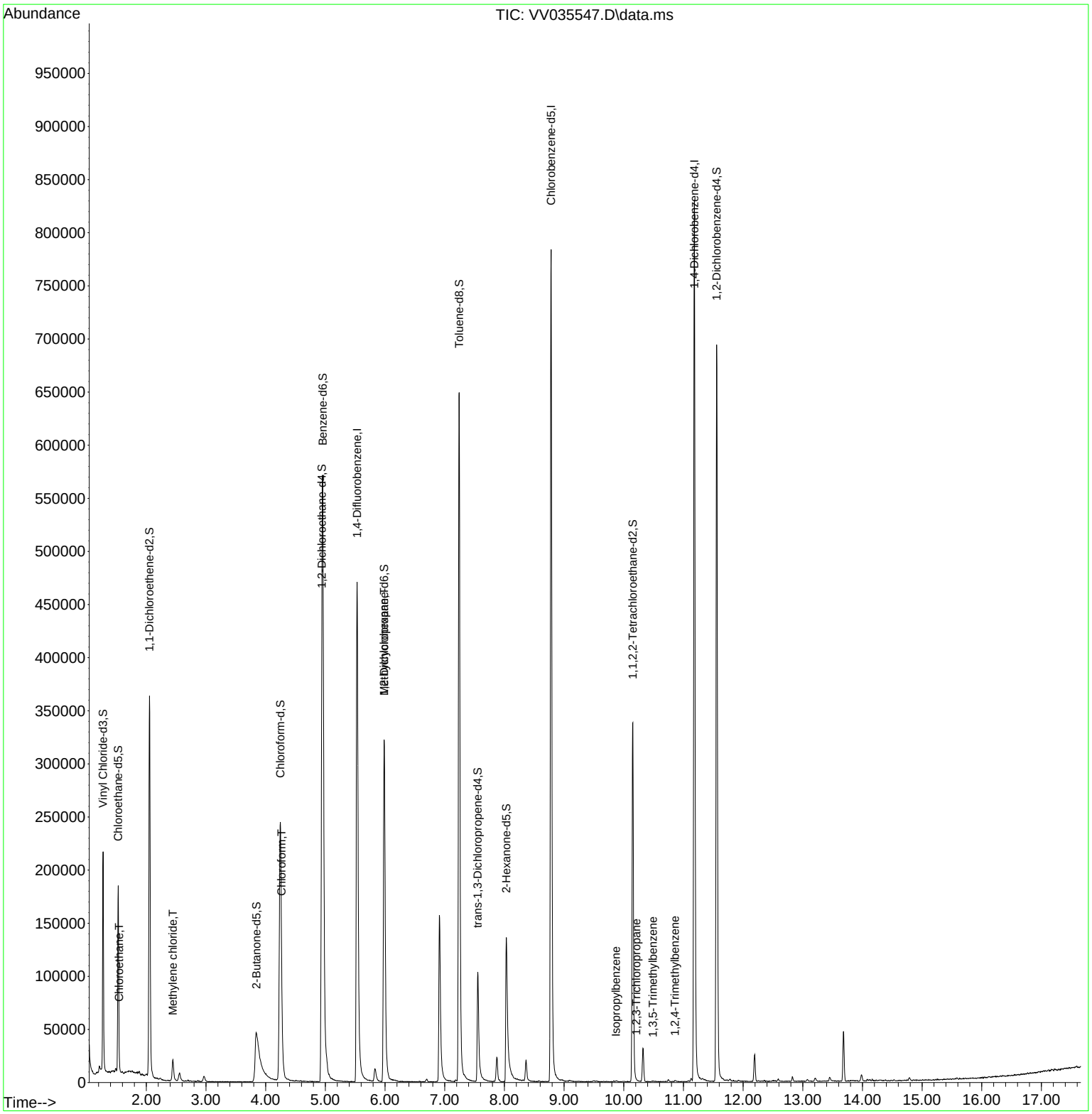
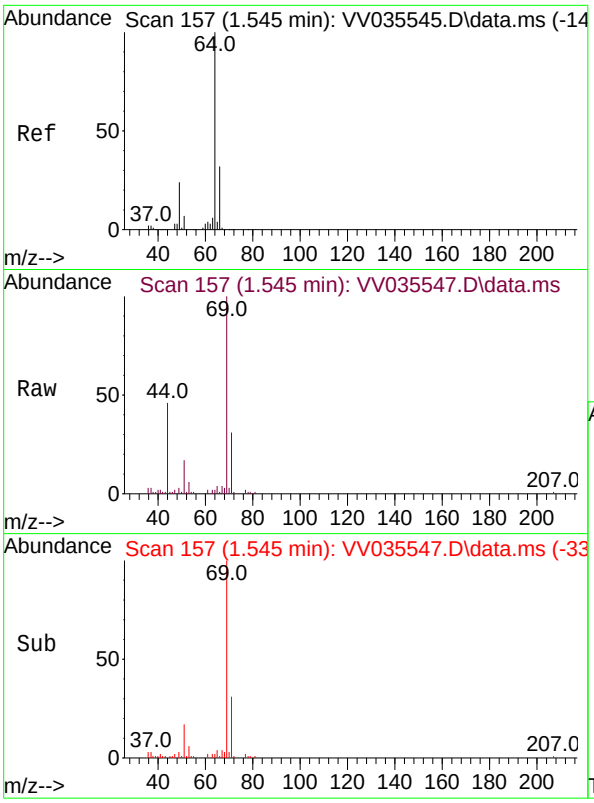


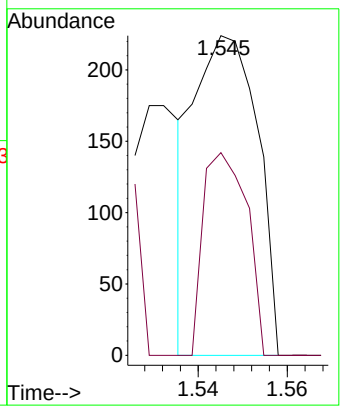


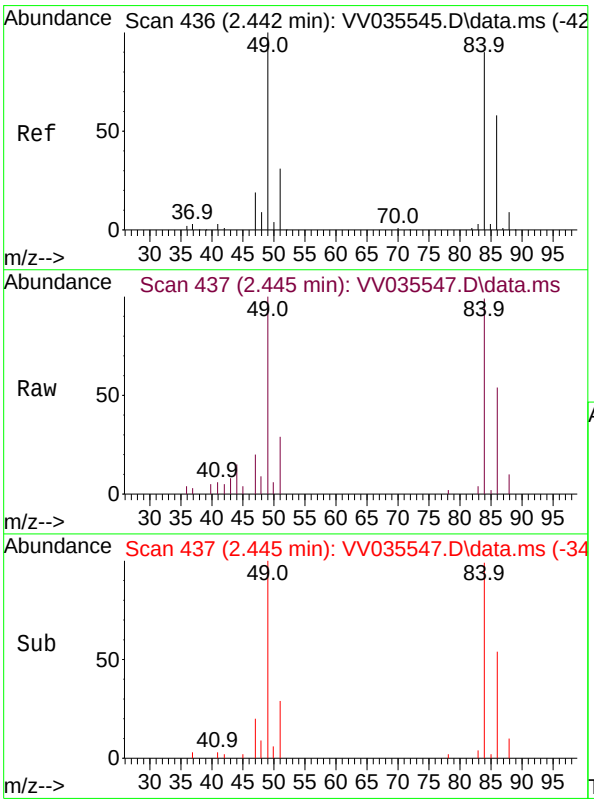
#8
Chloroethane
Concen: 0.039 ug/L
RT: 1.545 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV035547.D
Acq: 07 May 2024 12:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 221

Ion	Ratio	Lower	Upper
64	100		
66	63.4	22.0	40.8#

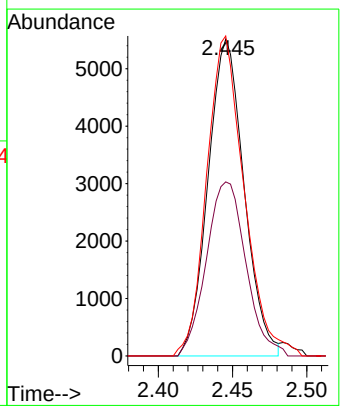


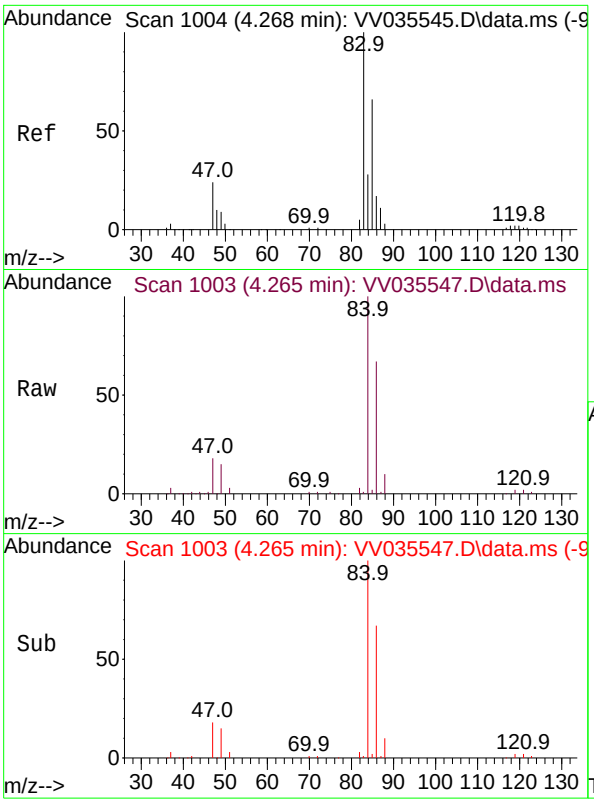


#16
Methylene chloride
Concen: 0.925 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035547.D
Acq: 07 May 2024 12:19

Tgt Ion: 84 Resp: 9306

Ion	Ratio	Lower	Upper
84	100		
86	55.0	43.8	81.3
49	101.0	75.3	139.9



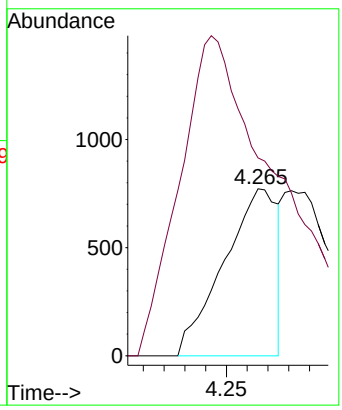


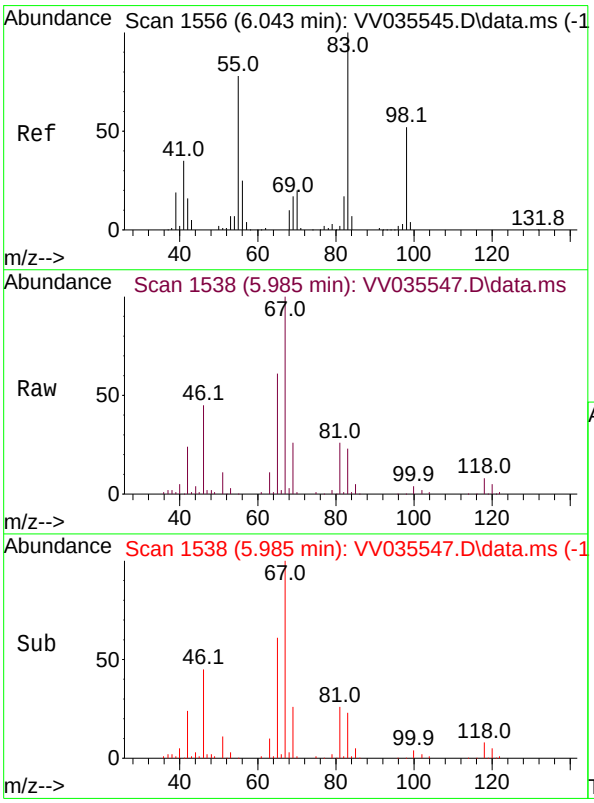
#25
Chloroform
Concen: 0.094 ug/L
RT: 4.265 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV035547.D
Acq: 07 May 2024 12:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 1382

Ion	Ratio	Lower	Upper
83	100		
85	118.5	44.7	82.9#

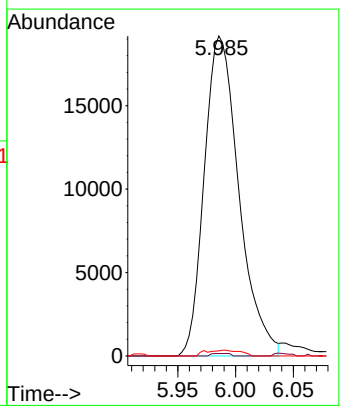


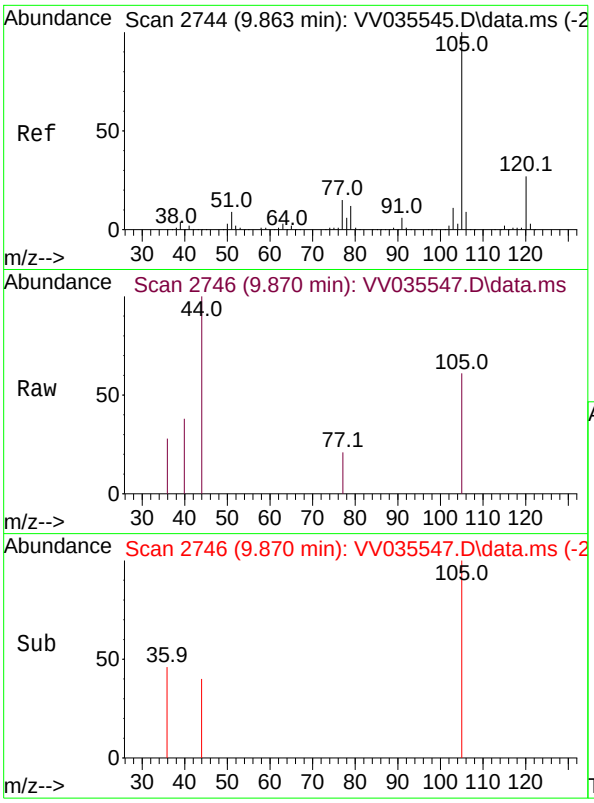


#35
Methylcyclohexane
Concen: 3.070 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV035547.D
Acq: 07 May 2024 12:19

Tgt Ion: 83 Resp: 40029

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.5	86.3#
98	1.4	38.6	58.0#



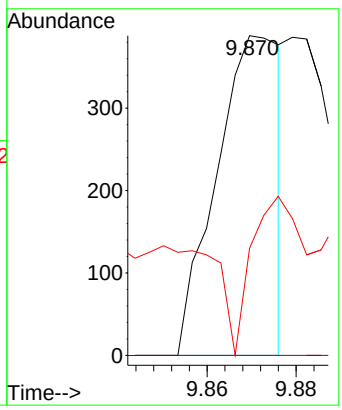


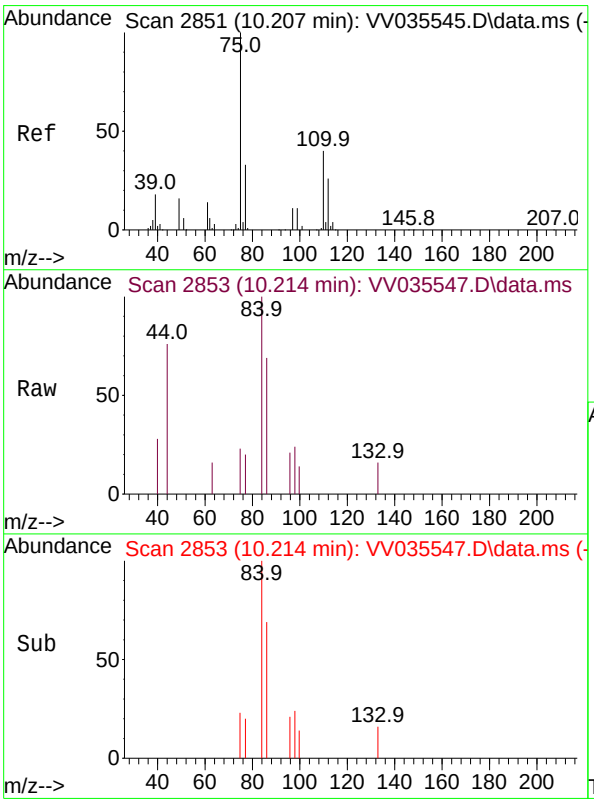
#60
Isopropylbenzene
Concen: 0.013 ug/L
RT: 9.870 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV035547.D
Acq: 07 May 2024 12:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 386

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.3	31.9#
77	39.1	12.2	18.2#

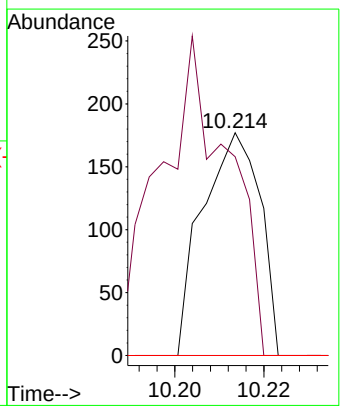


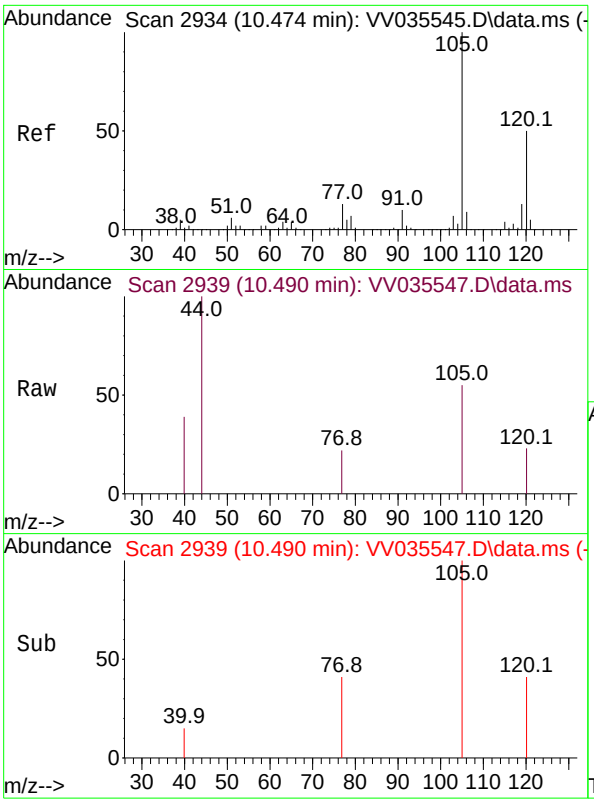


#61
1,2,3-Trichloropropane
Concen: 0.029 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.006 min
Lab File: VV035547.D
Acq: 07 May 2024 12:19

Tgt Ion: 75 Resp: 159

Ion	Ratio	Lower	Upper
75	100		
77	66.7	25.7	38.5#
110	0.0	31.8	47.8#



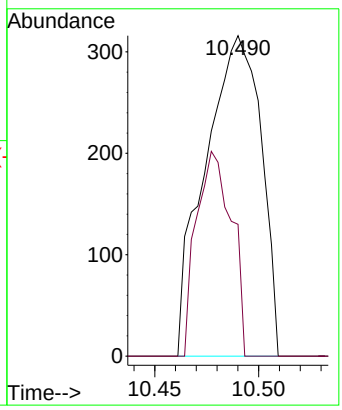


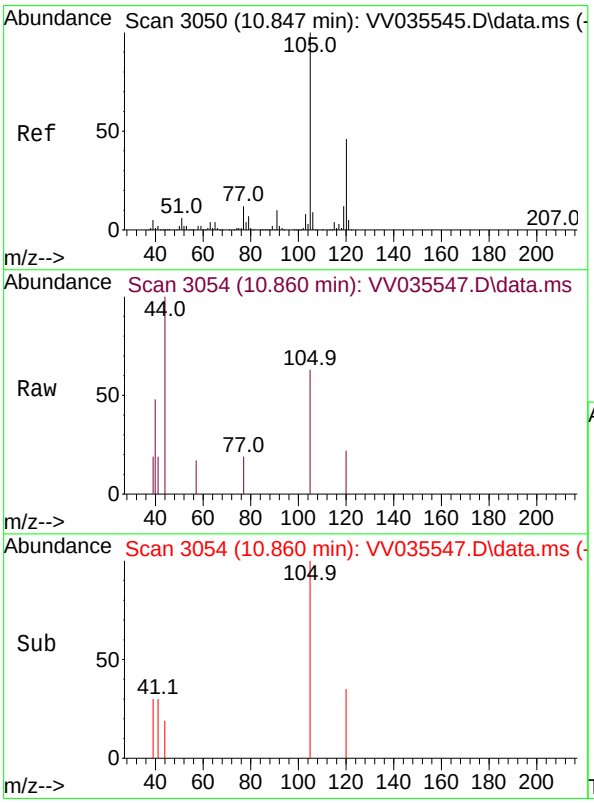
#62
1,3,5-Trimethylbenzene
Concen: 0.025 ug/L
RT: 10.490 min Scan# 2
Delta R.T. 0.016 min
Lab File: VV035547.D
Acq: 07 May 2024 12:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 591

Ion	Ratio	Lower	Upper
105	100		
120	35.9	39.4	59.0#





#63
1,2,4-Trimethylbenzene
Concen: 0.025 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.013 min
Lab File: VV035547.D
Acq: 07 May 2024 12:19

Tgt Ion:105 Resp: 611

Ion	Ratio	Lower	Upper
105	100		
120	15.7	36.6	55.0#