Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083123\
Data File : VV031968.D
Acq On : 31 Aug 2023 17:51
Operator : SY/MD
Sample : 04235-10
Misc : 5.56g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 01 02:11:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 01 00:57:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	318417	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	311419	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	159927	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	59016	29.615	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.240%#		
7) Chloroethane-d5	1.529	69	41267	23.623	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	47.240%#		
11) 1,1-Dichloroethene-d2	2.044	65	29609	31.731	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.460%		
21) 2-Butanone-d5	3.812	46	150402	95.962	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.960%		
24) Chloroform-d	4.252	84	170607	39.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.340%		
26) 1,2-Dichloroethane-d4	4.947	65	117766	40.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.480%		
32) Benzene-d6	4.960	84	333149	39.205	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.400%		
36) 1,2-Dichloropropane-d6	5.992	67	122980	44.963	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.920%		
41) Toluene-d8	7.246	98	290178	37.061	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.120%#		
43) trans-1,3-Dichloroprop...	7.558	79	58906	41.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.100%		
47) 2-Hexanone-d5	8.040	63	26778	31.943	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	31.940%#		
56) 1,1,2,2-Tetrachloroeth...	10.165	84	176491	49.935	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.860%		
66) 1,2-Dichlorobenzene-d4	11.567	152	123889	42.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.980%		
Target Compounds						Qvalue
14) Carbon disulfide	2.224	76	4232	1.113	ug/L	96
29) Cyclohexane	4.574	56	2427	0.749	ug/L	93
33) Benzene	5.018	78	8607	1.029	ug/L	100
35) Methylcyclohexane	6.050	83	20010	5.879	ug/L	91
39) cis-1,3-Dichloropropene	6.918	75	3793	0.920	ug/L #	55
52) Ethylbenzene	8.960	91	6507	0.597	ug/L	98
53) m,p-Xylene	9.082	106	23003	5.682	ug/L	96
54) o-Xylene	9.490	106	4015	0.997	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.178	83	13611	4.013	ug/L #	52
60) Isopropylbenzene	9.873	105	42825	3.998	ug/L	99
63) 1,2,4-Trimethylbenzene	10.863	105	7265	0.801	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.059	75	1198	1.320	ug/L #	18
71) Naphthalene	13.445	128	57450	5.353	ug/L #	95

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

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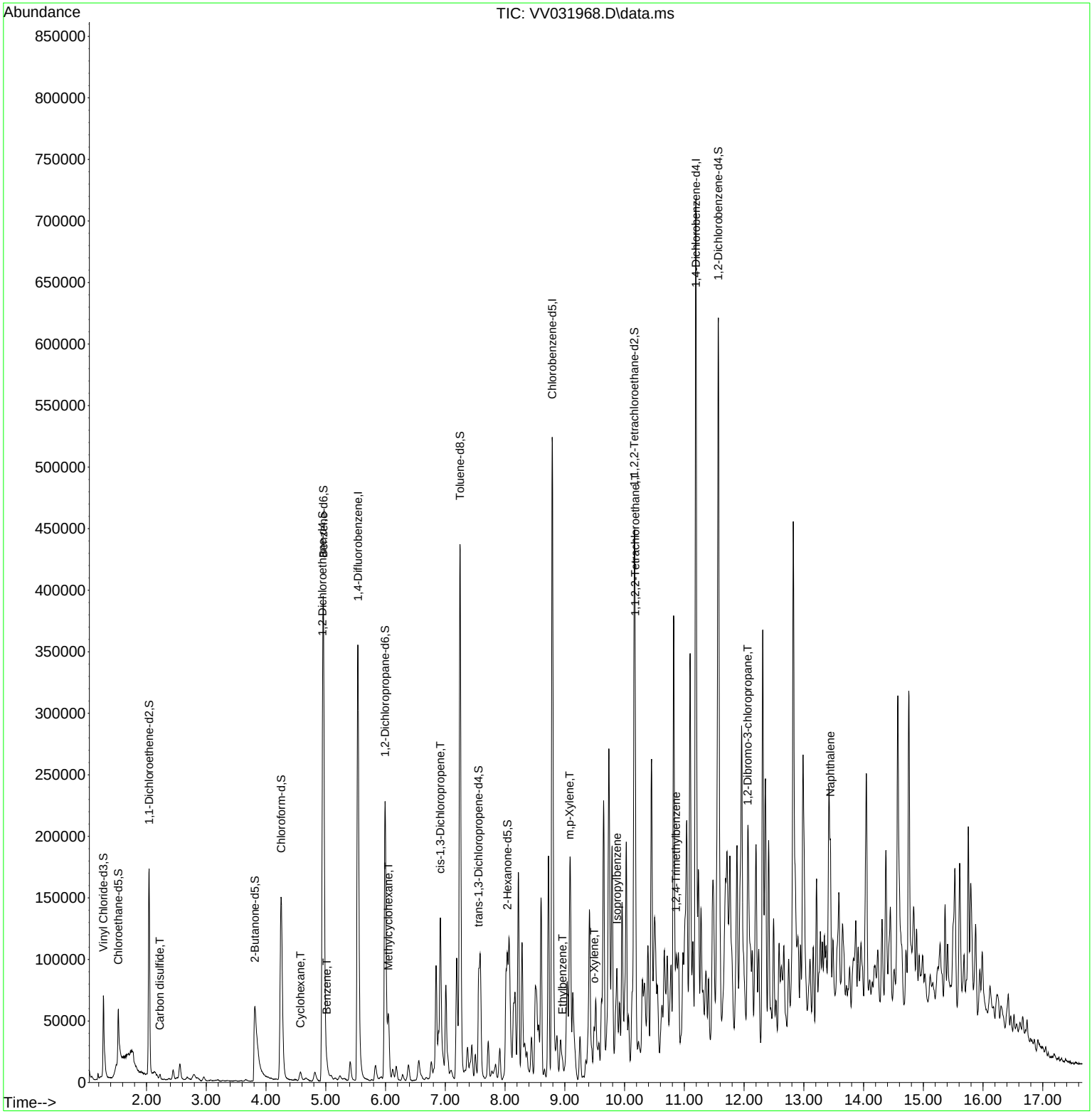
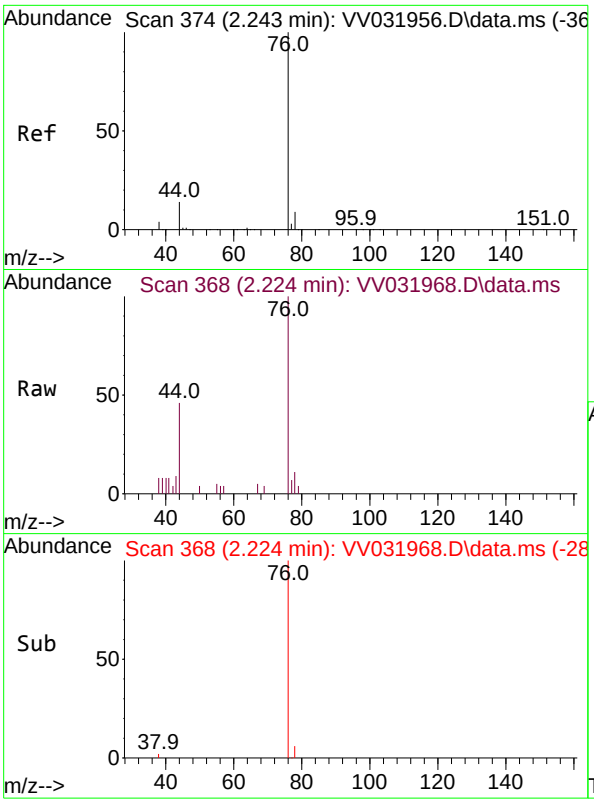
Quant Title : VOC Analysis
QLast Update : Fri Sep 01 00:57:38 2023
Response via : Initial Calibration



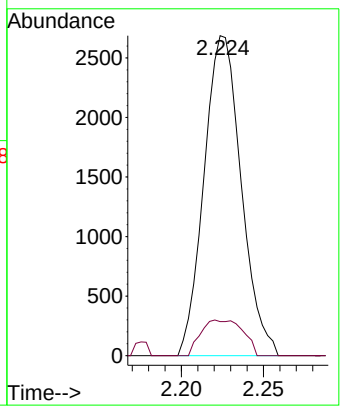


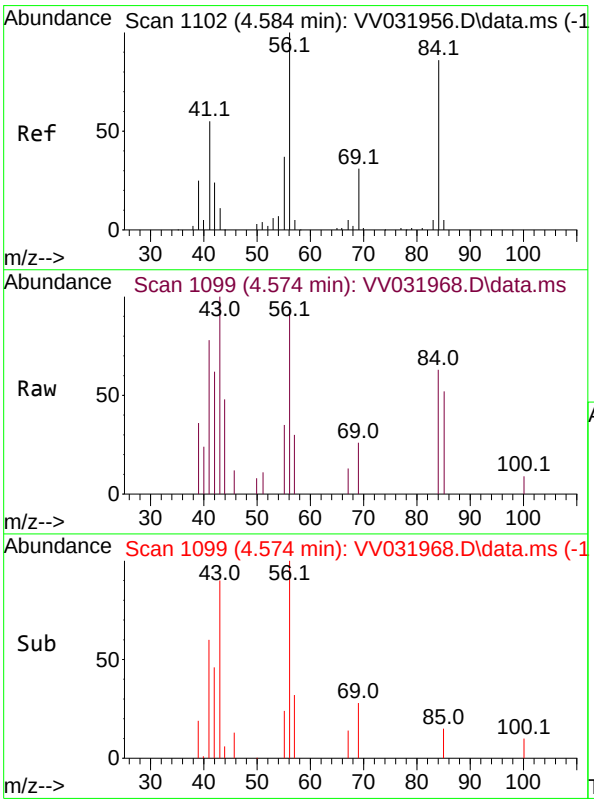
#14
Carbon disulfide
Concen: 1.113 ug/L
RT: 2.224 min Scan# 3
Delta R.T. -0.019 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 4232

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.4	11.0

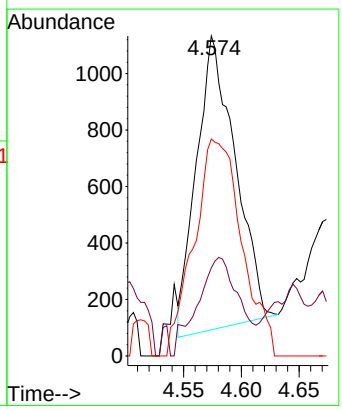


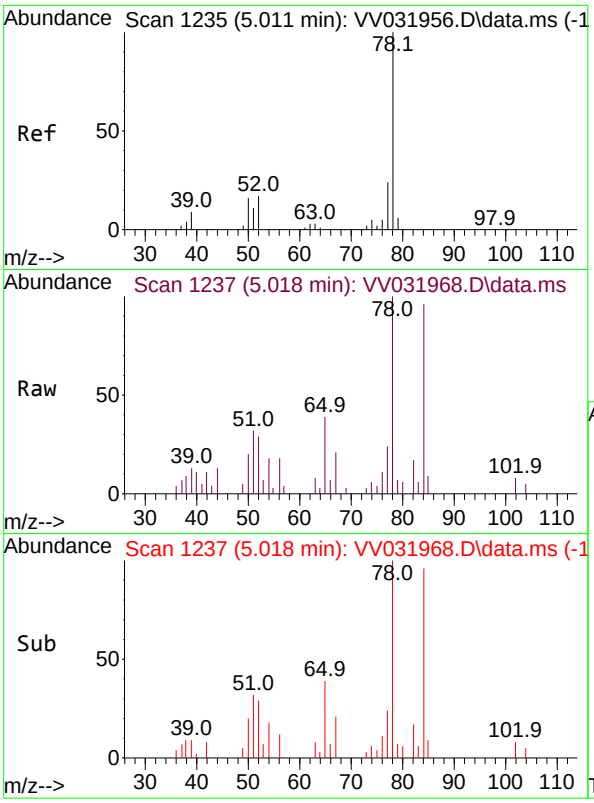


#29
Cyclohexane
Concen: 0.749 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.010 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Tgt Ion: 56 Resp: 2427

Ion	Ratio	Lower	Upper
56	100		
69	26.9	24.2	36.4
84	90.9	67.5	101.3

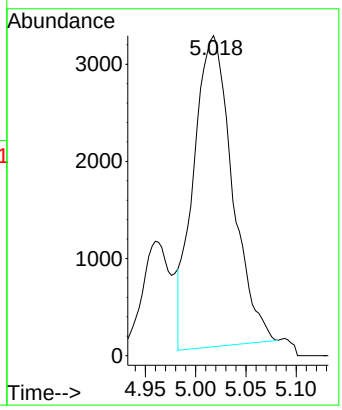


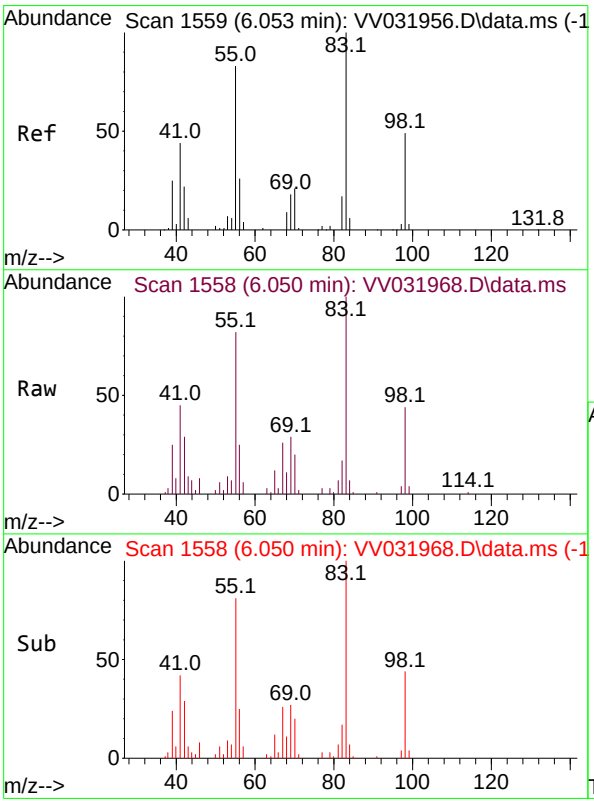


#33
Benzene
Concen: 1.029 ug/L
RT: 5.018 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 8607

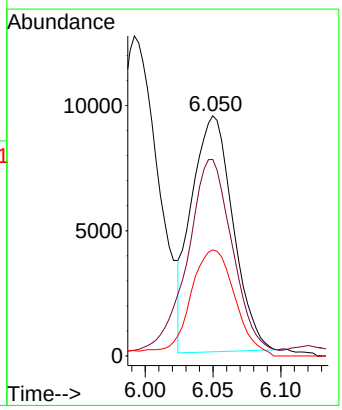


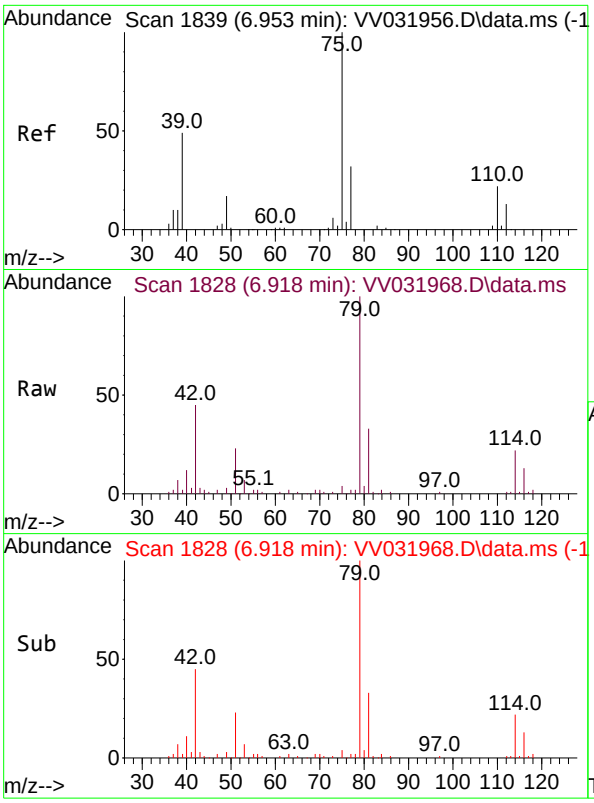


#35
Methylcyclohexane
Concen: 5.879 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Tgt Ion: 83 Resp: 20010

Ion	Ratio	Lower	Upper
83	100		
55	88.4	62.2	93.2
98	48.0	36.7	55.1



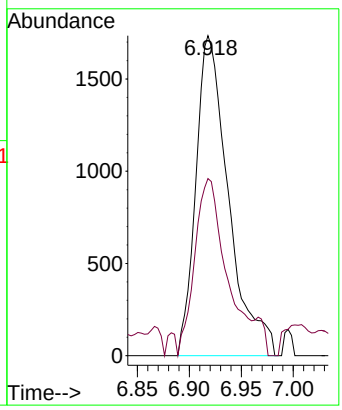


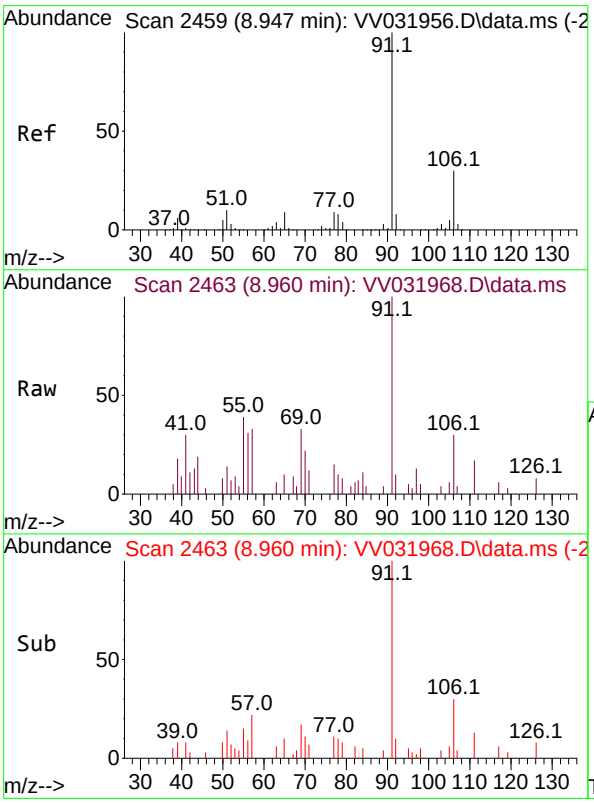
#39
cis-1,3-Dichloropropene
Concen: 0.920 ug/L
RT: 6.918 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 3793

Ion	Ratio	Lower	Upper
75	100		
77	55.3	21.4	39.8#

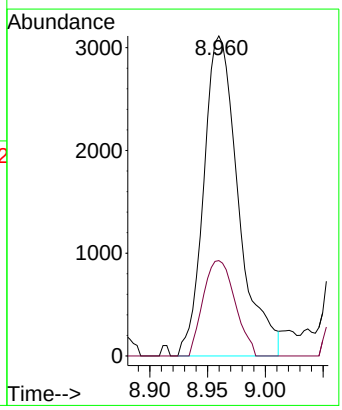


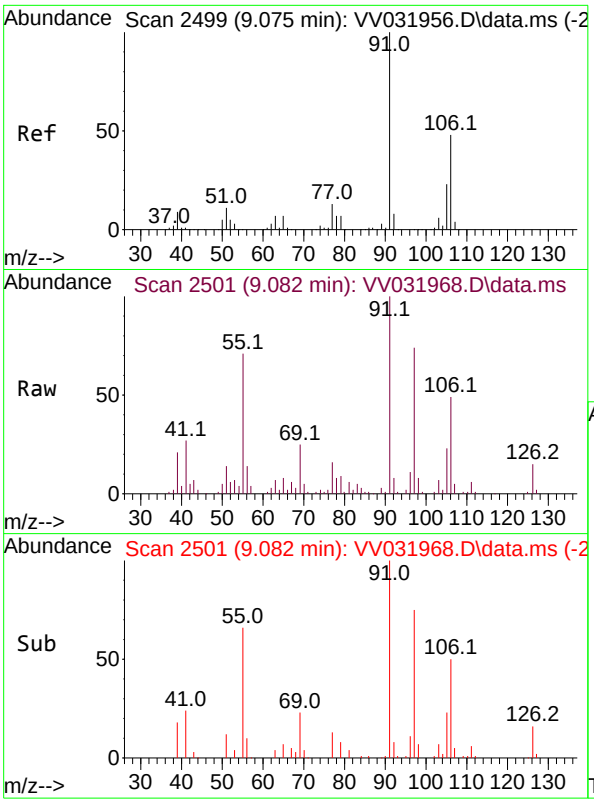


#52
Ethylbenzene
Concen: 0.597 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.013 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Tgt Ion: 91 Resp: 6507

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.5	39.9



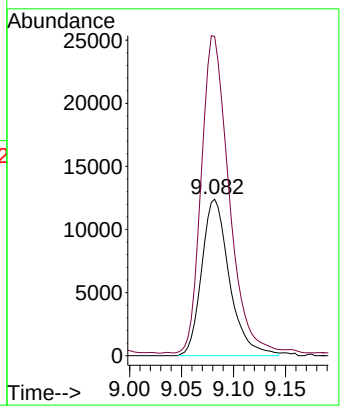


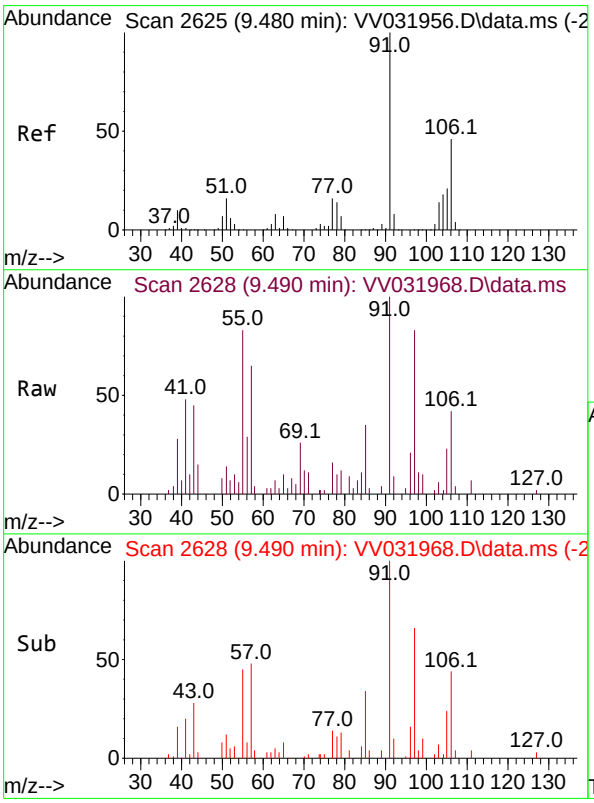
#53
m,p-Xylene
Concen: 5.682 ug/L
RT: 9.082 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 23003

Ion	Ratio	Lower	Upper
106	100		
91	204.0	147.0	273.0

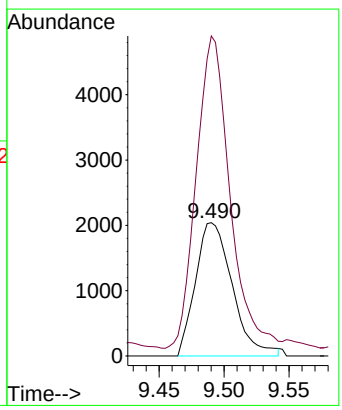


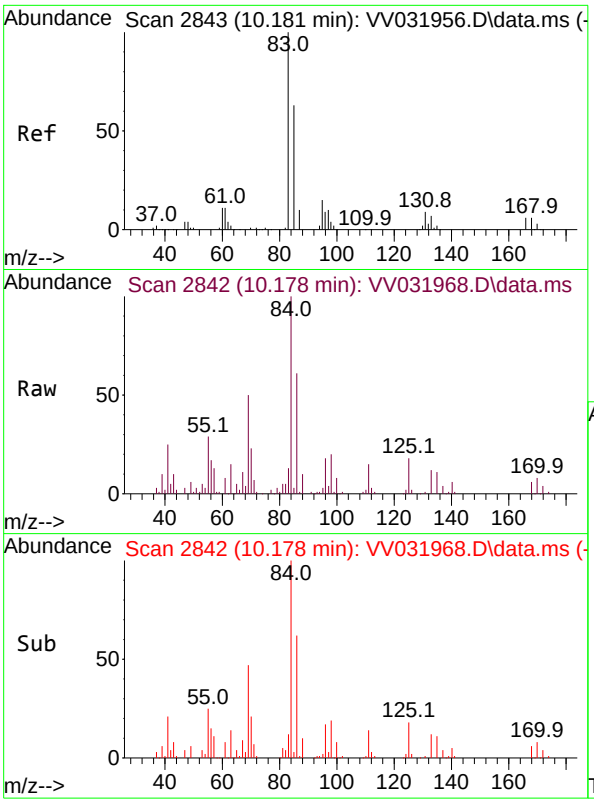


#54
o-Xylene
Concen: 0.997 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.010 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Tgt Ion:106 Resp: 4015

Ion	Ratio	Lower	Upper
106	100		
91	240.1	154.3	286.5



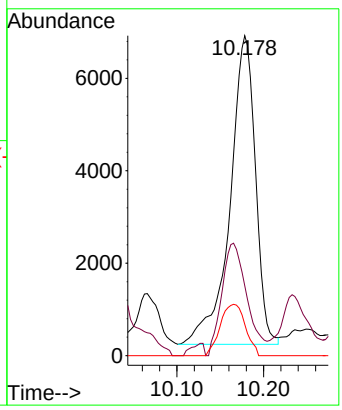


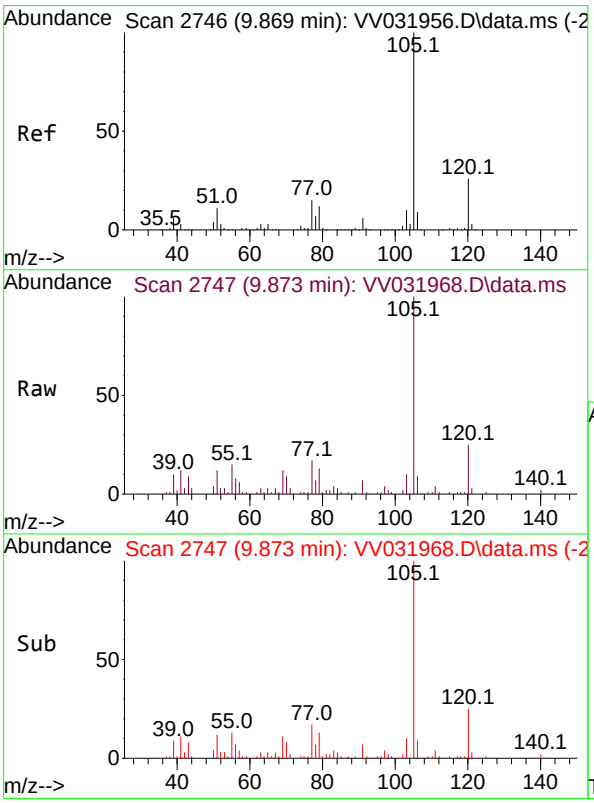
#57
1,1,2,2-Tetrachloroethane
Concen: 4.013 ug/L
RT: 10.178 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 13611

Ion	Ratio	Lower	Upper
83	100		
85	21.8	45.1	83.9#
131	9.8	7.4	11.2

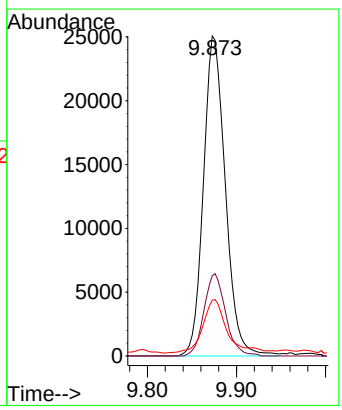


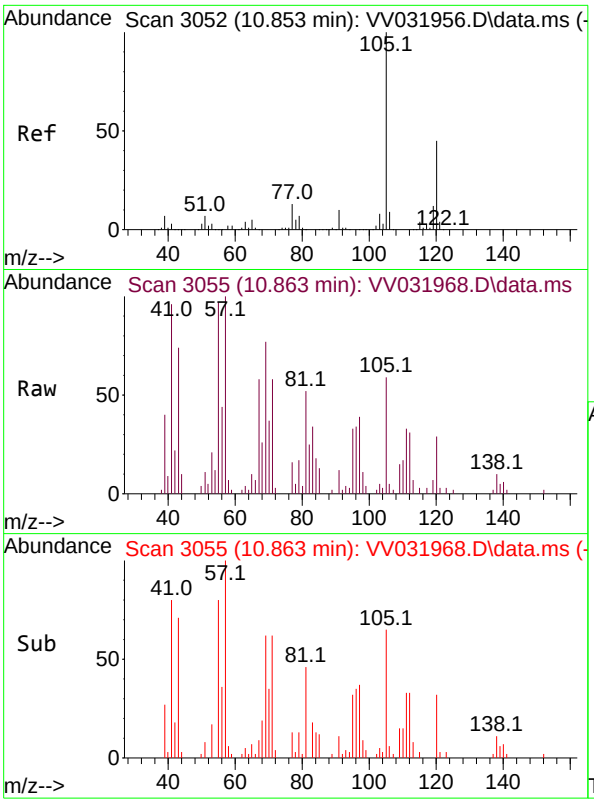


#60
Isopropylbenzene
Concen: 3.998 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.003 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Tgt Ion:105 Resp: 42825

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.6	31.0
77	16.7	12.8	19.2



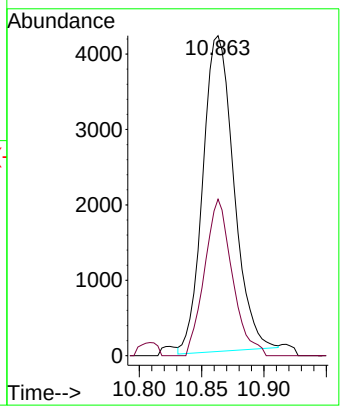


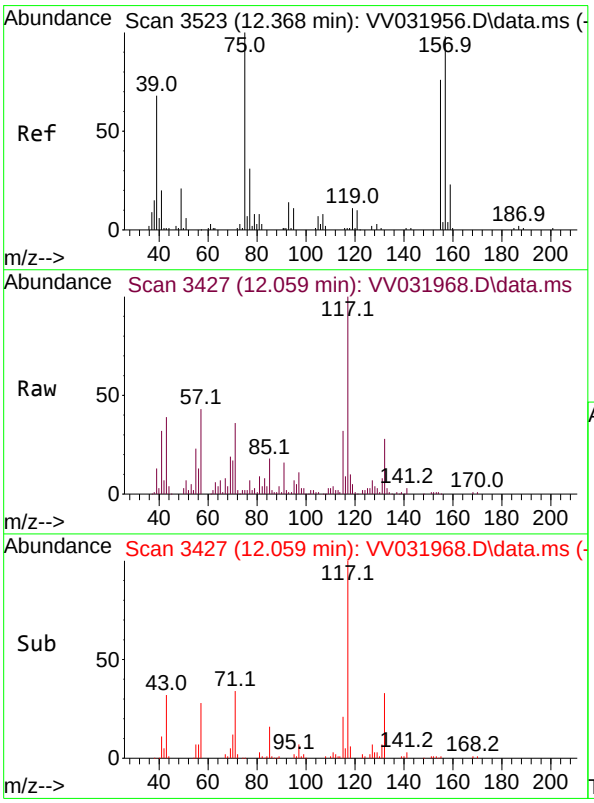
#63
1,2,4-Trimethylbenzene
Concen: 0.801 ug/L
RT: 10.863 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 7265

Ion	Ratio	Lower	Upper
105	100		
120	44.2	35.9	53.9

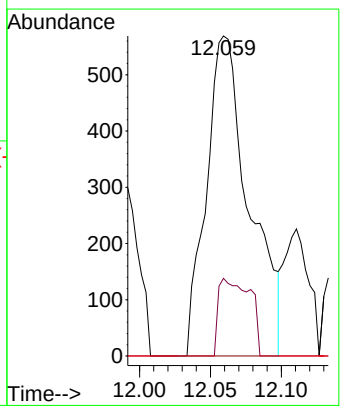


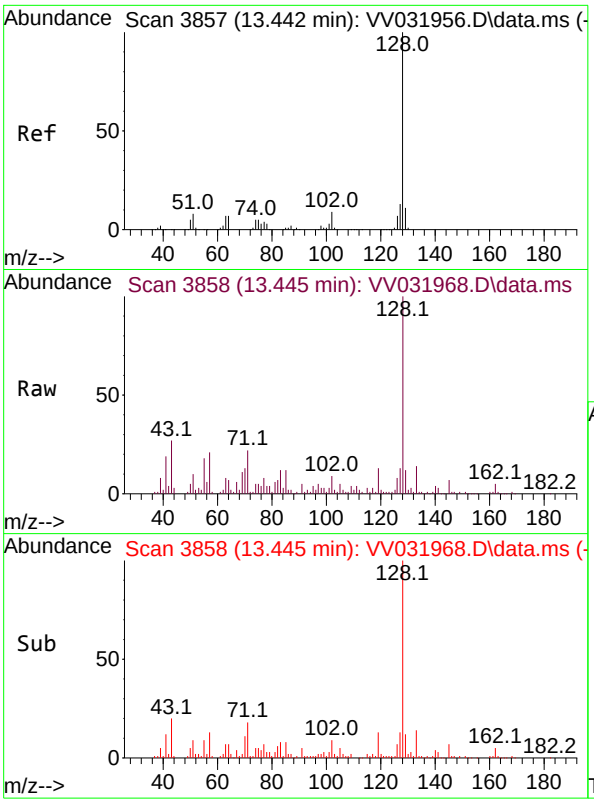


#68
1,2-Dibromo-3-chloropropane
Concen: 1.320 ug/L
RT: 12.059 min Scan# 3427
Delta R.T. -0.309 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Tgt Ion: 75 Resp: 1198

Ion	Ratio	Lower	Upper
75	100		
155	24.3	60.1	90.1#
157	0.0	77.3	115.9#





#71
Naphthalene
Concen: 5.353 ug/L
RT: 13.445 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV031968.D
Acq: 31 Aug 2023 17:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 57450

Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.4	15.6
129	13.7	8.7	13.1#