Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071322\
Data File : VV026764.D
Acq On : 13 Jul 2022 20:03
Operator : SY/MD
Sample : N3658-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 13 23:06:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 13 23:00:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	222943	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	225110	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	82501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	90396	4.445	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.800%			
7) Chloroethane-d5	1.558	69	83032	4.725	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.400%			
11) 1,1-Dichloroethene-d2	2.098	63	134118	3.435	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.600%			
20) 2-Butanone-d5	3.902	46	171644	54.072	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.140%			
24) Chloroform-d	4.346	84	187756	5.279	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.600%			
26) 1,2-Dichloroethane-d4	5.030	65	86506	5.568	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.400%			
32) Benzene-d6	5.043	84	331716	4.849	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
36) 1,2-Dichloropropane-d6	6.066	67	110998	5.412	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.200%			
41) Toluene-d8	7.313	98	260873	4.296	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%			
43) trans-1,3-Dichloroprop...	7.625	79	22258	3.317	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 66.400%			
46) 2-Hexanone-d5	8.091	63	130422	44.893	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.780%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	75986	4.756	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	79106	5.503	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.000%			
Target Compounds						Qvalue
3) Chloromethane	1.236	50	1408	0.052	ug/L	99
6) Bromomethane	1.513	94	1435	0.087	ug/L	77
8) Chloroethane	1.471	64	31434	1.927	ug/L #	50
14) Carbon disulfide	2.281	76	22826	0.396	ug/L	98
16) Methylene chloride	2.497	84	7097	0.305	ug/L	98
17) Methyl tert-butyl Ether	2.777	73	2084	0.062	ug/L #	71
21) 2-Butanone	4.088	43	48550	15.587	ug/L #	47
25) Chloroform	4.371	83	119235	3.470	ug/L	98
33) Benzene	5.098	78	5180	0.069	ug/L	100
35) Methylcyclohexane	6.069	83	26375	0.934	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	11456	0.637	ug/L #	86
53) m,p-Xylene	9.152	106	1158	0.040	ug/L	97
61) 1,2,3-Trichloropropane	11.246	75	10014	1.316	ug/L #	64

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

Quantitation Report (Not Reviewed)

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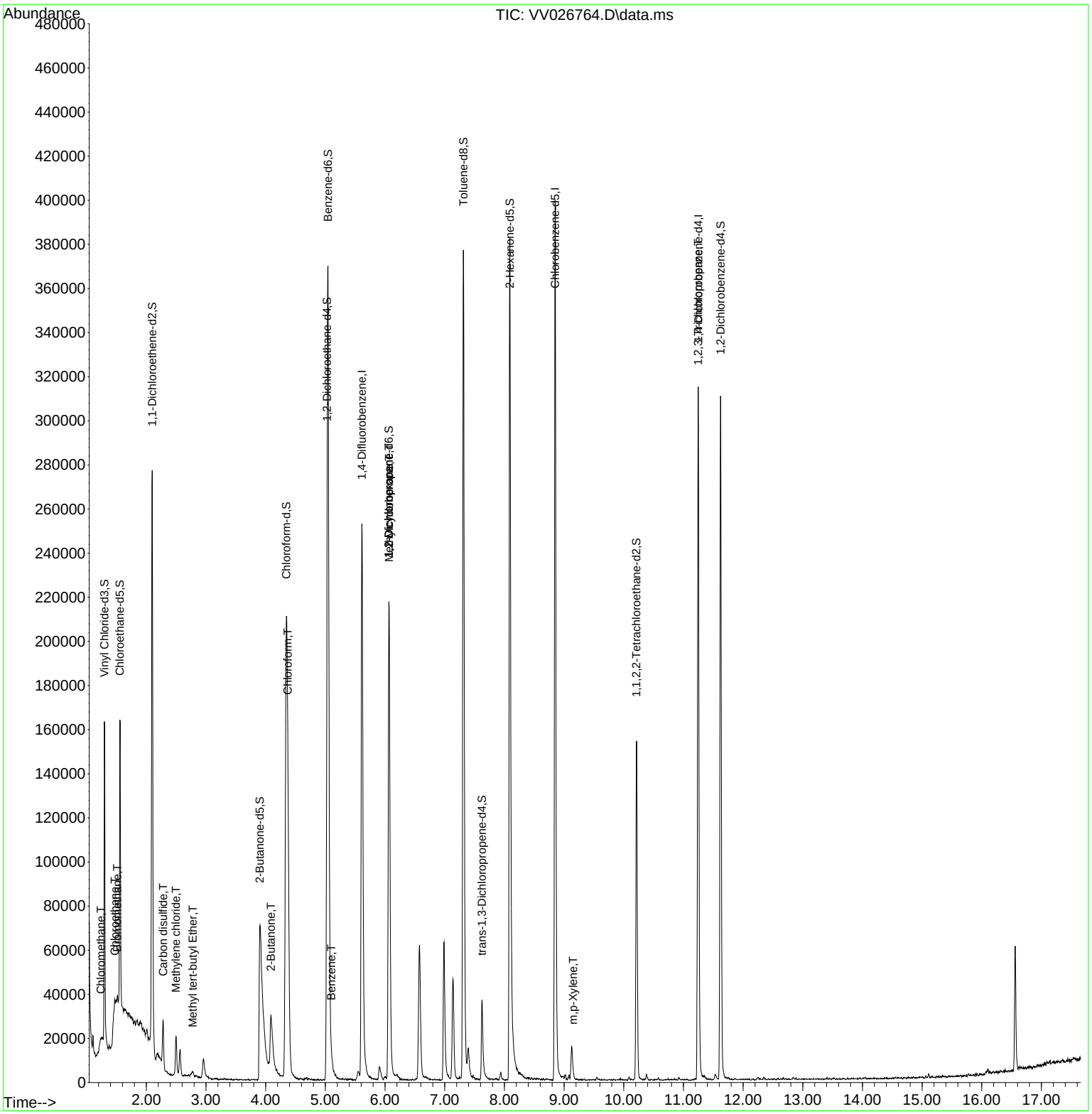
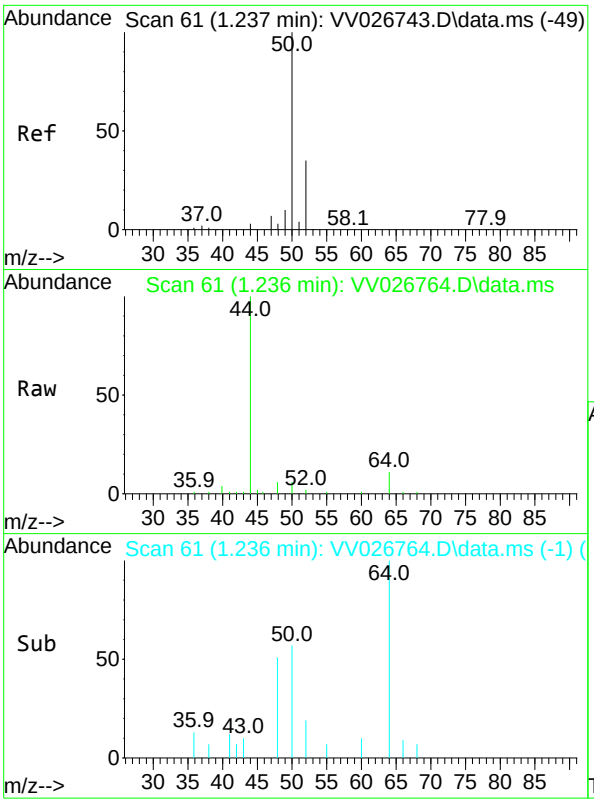
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 13 23:06:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 13 23:00:17 2022
Response via : Initial Calibration



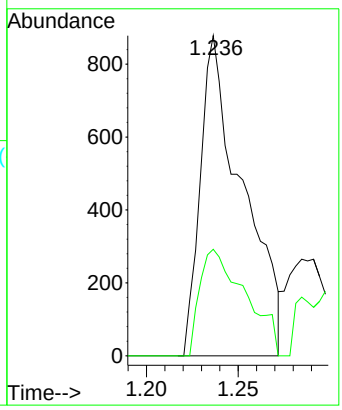


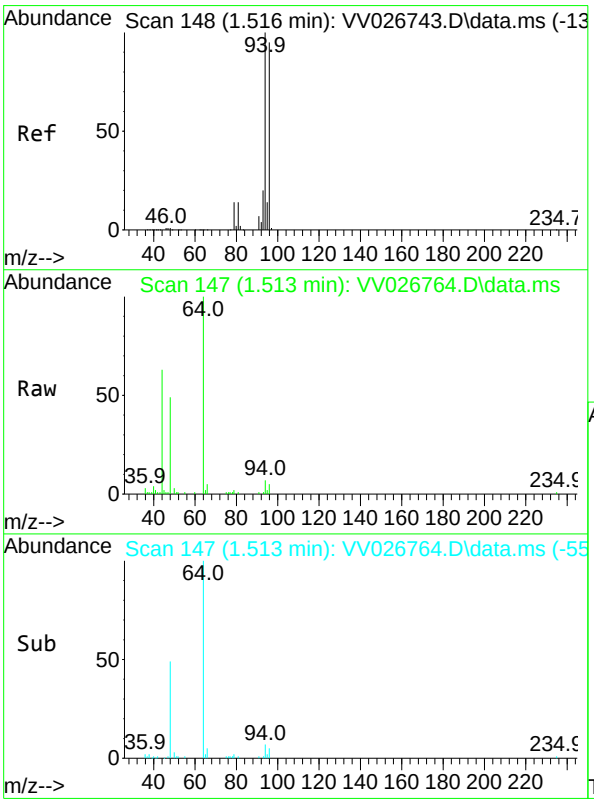
#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1408

Ion	Ratio	Lower	Upper
50	100		
52	33.3	22.8	42.4

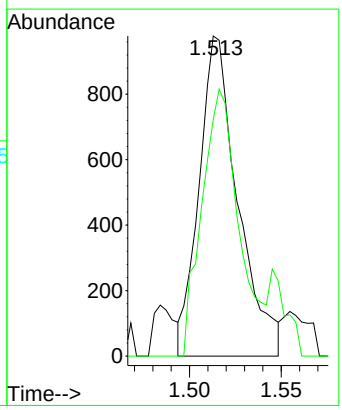


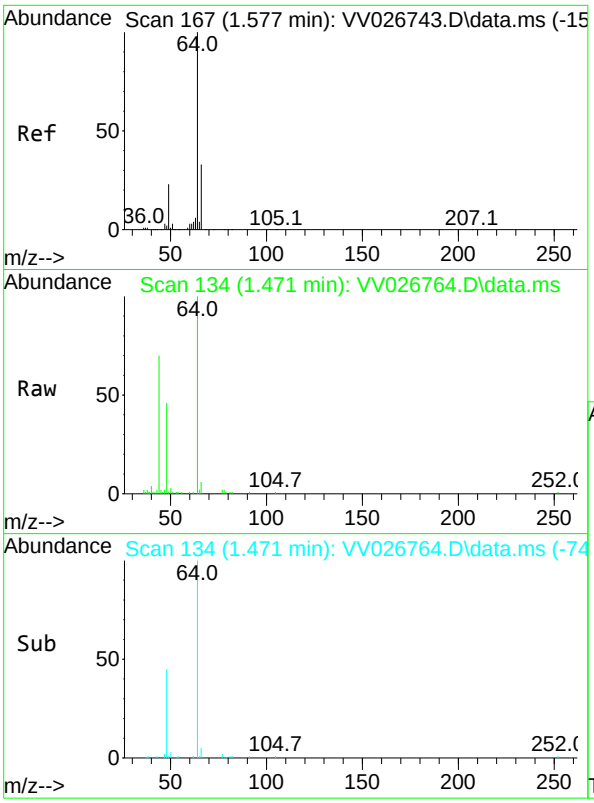


#6
Bromomethane
Concen: 0.087 ug/L
RT: 1.513 min Scan# 147
Delta R.T. -0.003 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Tgt Ion: 94 Resp: 1435

Ion	Ratio	Lower	Upper
94	100		
96	73.9	67.1	124.7



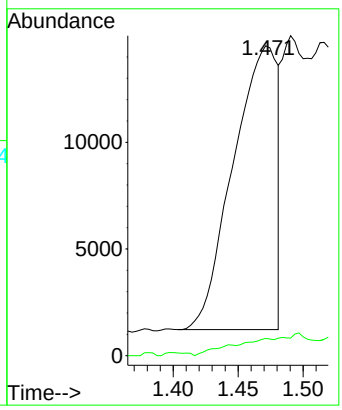


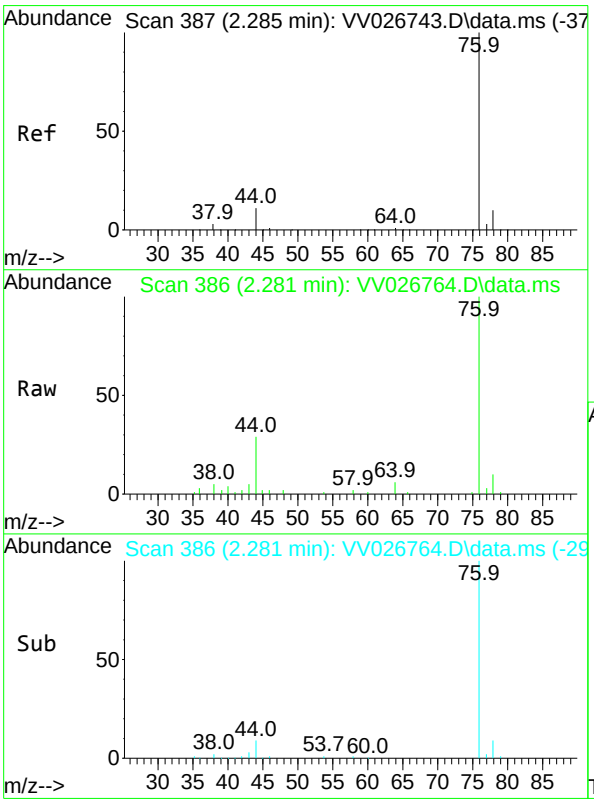
#8
Chloroethane
Concen: 1.927 ug/L
RT: 1.471 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 31434

Ion	Ratio	Lower	Upper
64	100		
66	5.6	23.9	44.5#

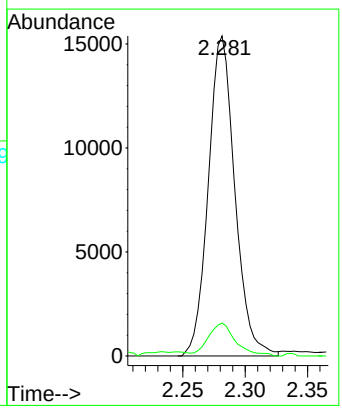


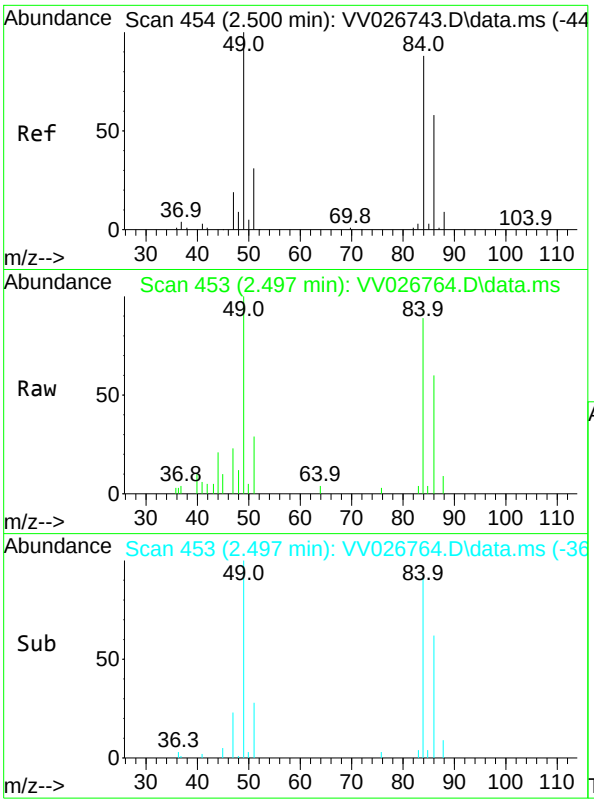


#14
Carbon disulfide
Concen: 0.396 ug/L
RT: 2.281 min Scan# 386
Delta R.T. -0.003 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Tgt Ion: 76 Resp: 22826

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.7	11.5



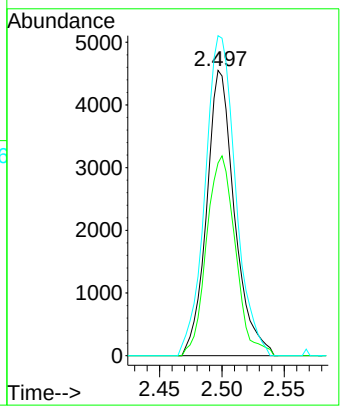


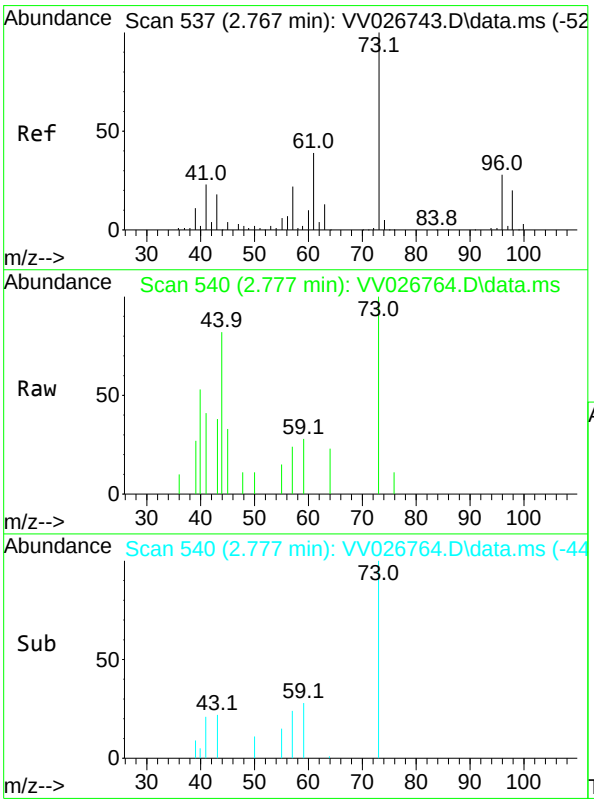
#16
Methylene chloride
Concen: 0.305 ug/L
RT: 2.497 min Scan# 4
Delta R.T. -0.003 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 7097

Ion	Ratio	Lower	Upper
84	100		
86	67.5	44.8	83.2
49	112.2	78.7	146.1

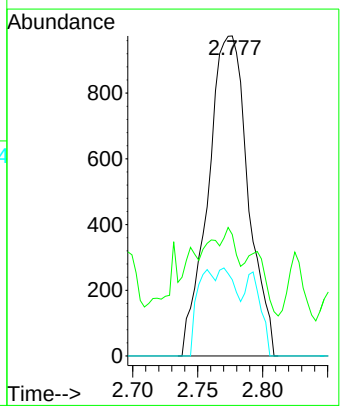


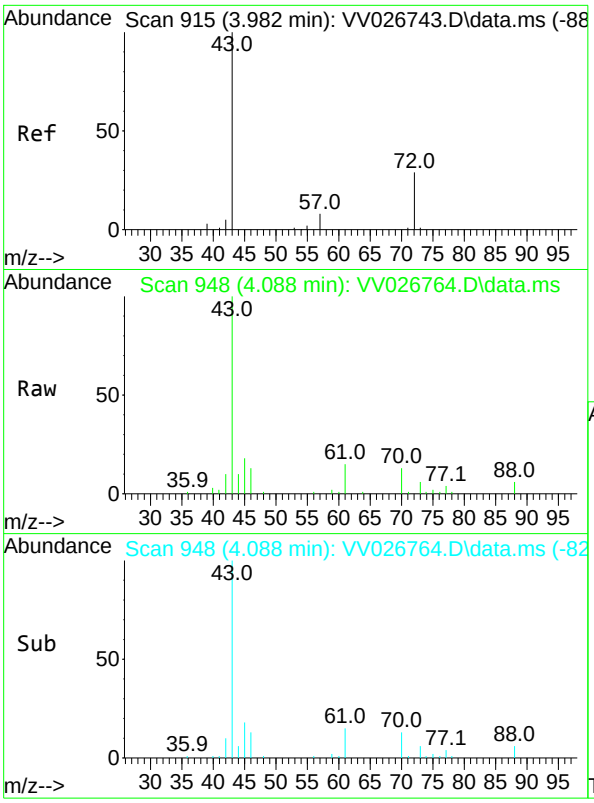


#17
Methyl tert-butyl Ether
Concen: 0.062 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Tgt Ion: 73 Resp: 2084

Ion	Ratio	Lower	Upper
73	100		
43	0.0	14.0	21.0#
57	12.7	17.6	26.4#



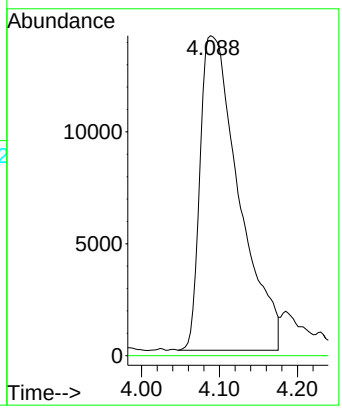


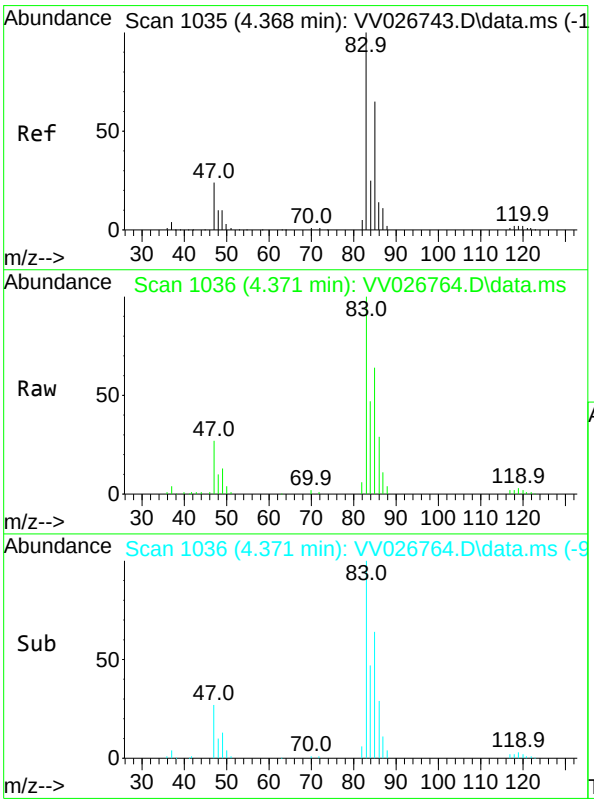
#21
2-Butanone
Concen: 15.587 ug/L
RT: 4.088 min Scan# 94
Delta R.T. 0.106 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 48550

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.9	41.7#

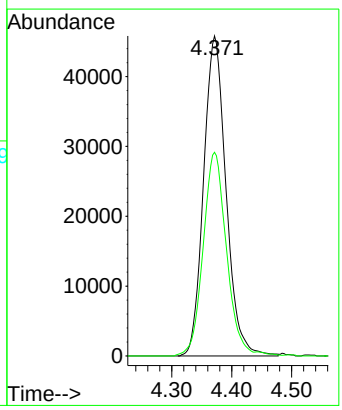


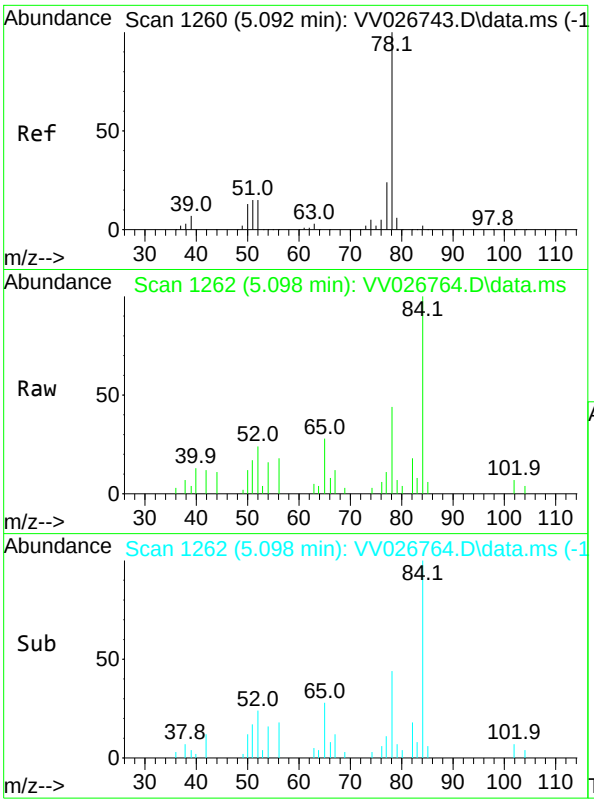


#25
Chloroform
Concen: 3.470 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Tgt Ion: 83 Resp: 119235

Ion	Ratio	Lower	Upper
83	100		
85	63.7	45.7	84.9

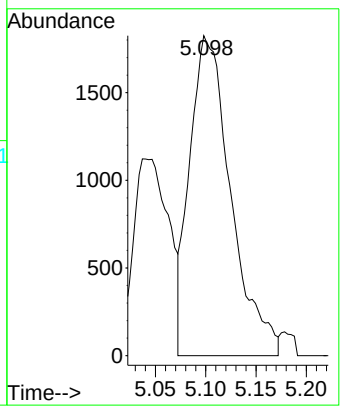


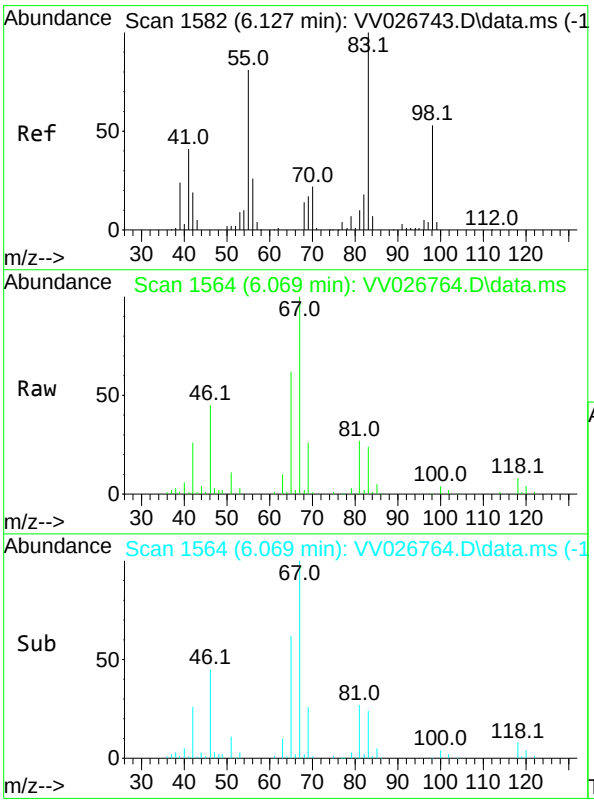


#33
Benzene
Concen: 0.069 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 5180

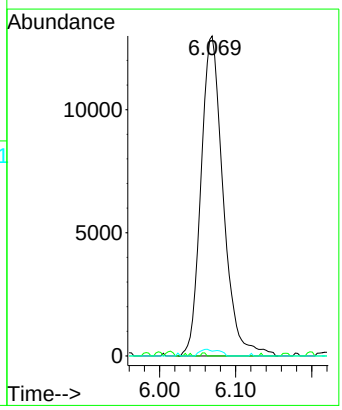


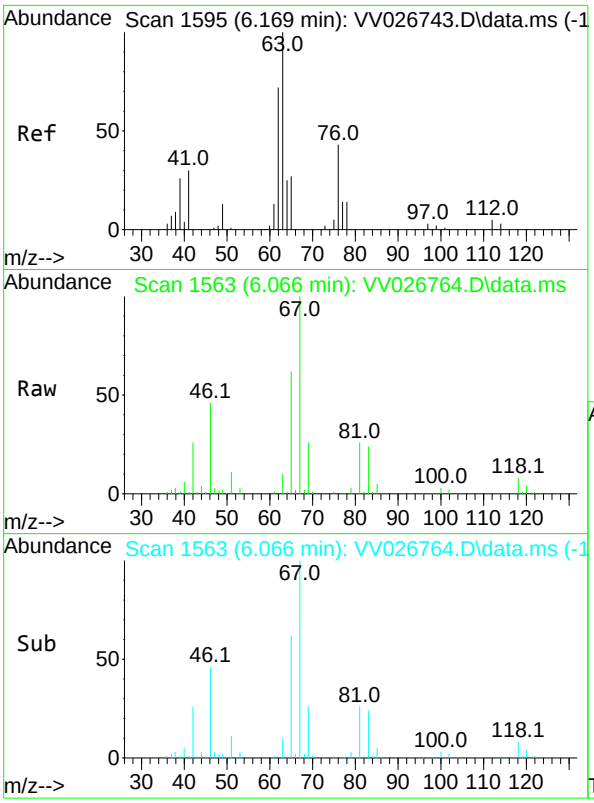


#35
Methylcyclohexane
Concen: 0.934 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Tgt Ion: 83 Resp: 26375

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.5	89.3#
98	1.1	38.3	57.5#



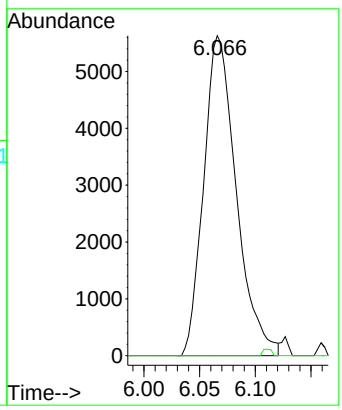


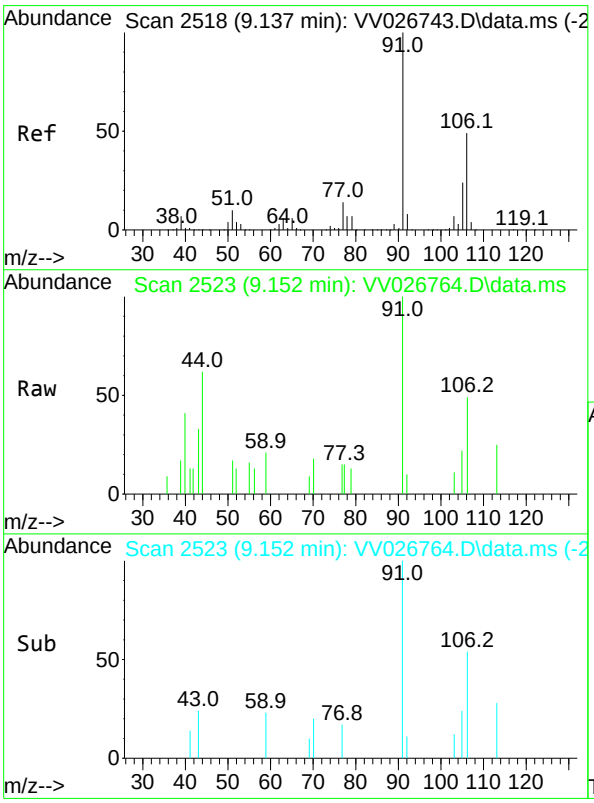
#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 11456

Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.2	6.2#

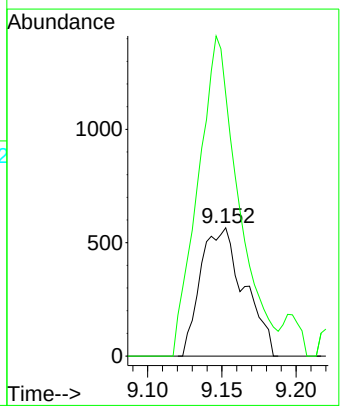


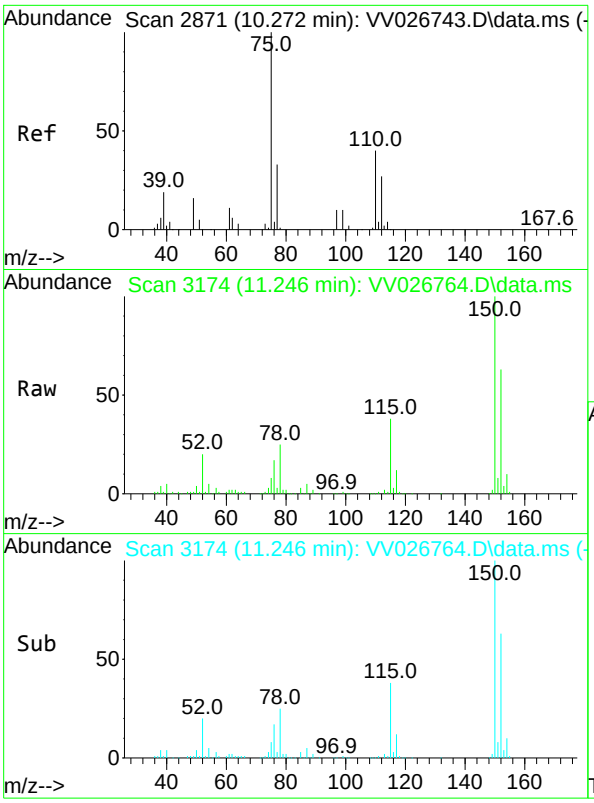


#53
m,p-Xylene
Concen: 0.040 ug/L
RT: 9.152 min Scan# 2523
Delta R.T. 0.016 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Tgt Ion:106 Resp: 1158

Ion	Ratio	Lower	Upper
106	100		
91	204.2	139.3	258.7





#61
1,2,3-Trichloropropane
Concen: 1.316 ug/L
RT: 11.246 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV026764.D
Acq: 13 Jul 2022 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 10014

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.0
110	1.7	31.8	47.6#