Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026634.D
Acq On : 01 Jul 2022 17:29
Operator : SY/MD
Sample : N3506-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AM7

Quant Time: Jul 04 02:06:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jul 04 02:01:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192007	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	185733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	51409	3.329	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.600%			
7) Chloroethane-d5	1.584	69	48195	3.885	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.800%			
11) 1,1-Dichloroethene-d2	2.121	63	73523	2.680	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.600%#			
20) 2-Butanone-d5	3.921	46	97726	63.657	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.320%			
24) Chloroform-d	4.365	84	120800	4.786	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	5.047	65	48236	4.961	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.063	84	201370	3.775	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.400%			
36) 1,2-Dichloropropane-d6	6.079	67	65568	4.469	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.400%			
41) Toluene-d8	7.320	98	158380	3.301	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.000%#			
43) trans-1,3-Dichloroprop...	7.632	79	16110	4.248	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.000%			
46) 2-Hexanone-d5	8.095	63	69054	47.809	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.620%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47554	4.955	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	58751	4.583	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.600%			
Target Compounds						Qvalue
3) Chloromethane	1.259	50	637	0.040	ug/L #	73
6) Bromomethane	1.542	94	431	0.047	ug/L	99
8) Chloroethane	1.603	64	1700	0.147	ug/L #	59
14) Carbon disulfide	2.307	76	19642	0.574	ug/L	100
16) Methylene chloride	2.523	84	6128	0.445	ug/L	93
17) Methyl tert-butyl Ether	2.790	73	1139	0.054	ug/L #	79
21) 2-Butanone	4.111	43	26862	18.334	ug/L #	48
25) Chloroform	4.391	83	133257	5.243	ug/L	99
35) Methylcyclohexane	6.079	83	16412	0.778	ug/L #	21
37) 1,2-Dichloropropane	6.079	63	7463	0.571	ug/L #	84
40) 4-Methyl-2-pentanone	7.143	43	6986	1.582	ug/L #	42
53) m,p-Xylene	9.156	106	691	0.031	ug/L	70
61) 1,2,3-Trichloropropane	11.249	75	8886	1.772	ug/L #	62

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

Quantitation Report (Not Reviewed)

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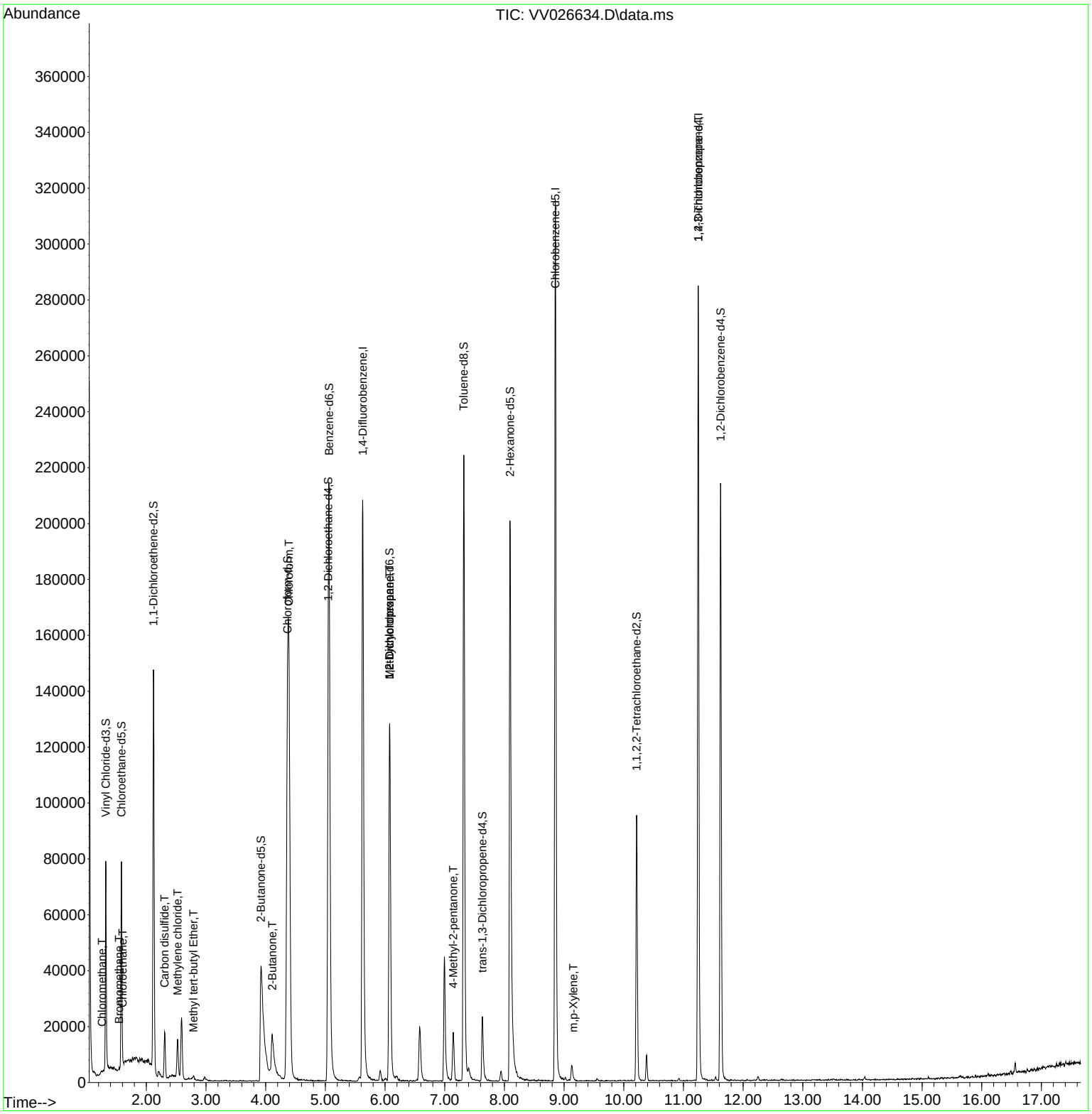
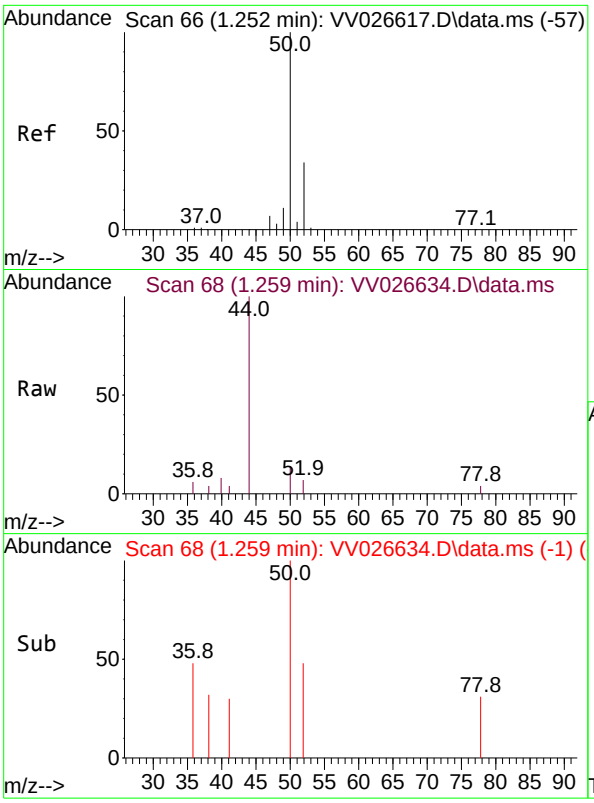
MSVOA_V
ClientSampleId :
C0AM7

Quant Time: Jul 04 02:06:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jul 04 02:01:03 2022
Response via : Initial Calibration



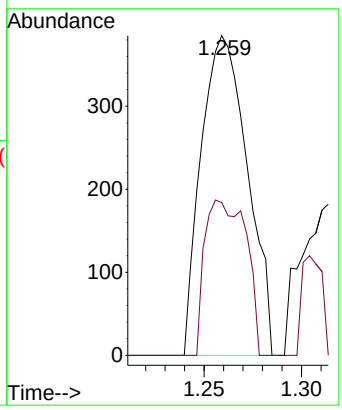


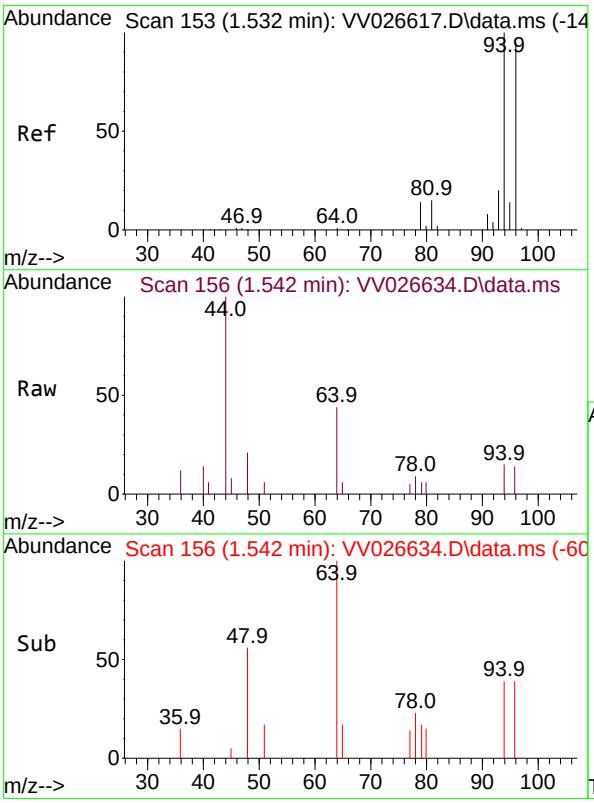
#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.259 min Scan# 6
Delta R.T. 0.007 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0AM7

Tgt Ion: 50 Resp: 637

Ion	Ratio	Lower	Upper
50	100		
52	47.8	23.0	42.6#

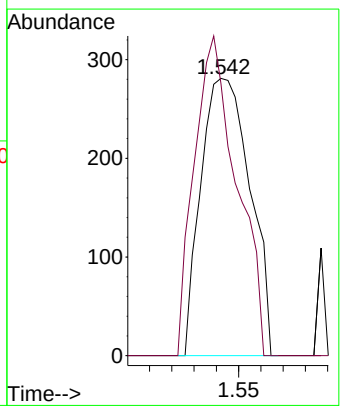


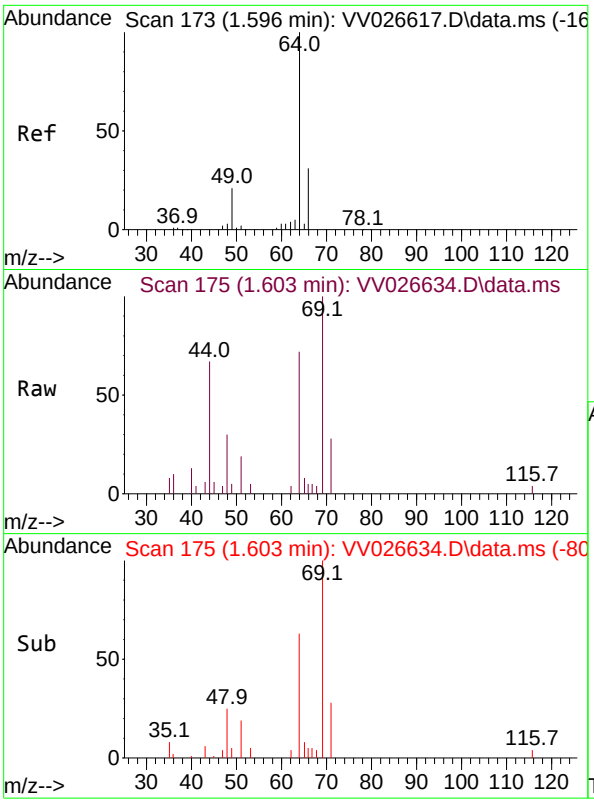


#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.010 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Tgt Ion: 94 Resp: 431

Ion	Ratio	Lower	Upper
94	100		
96	98.2	68.0	126.2



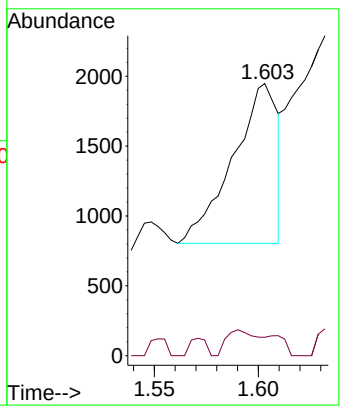


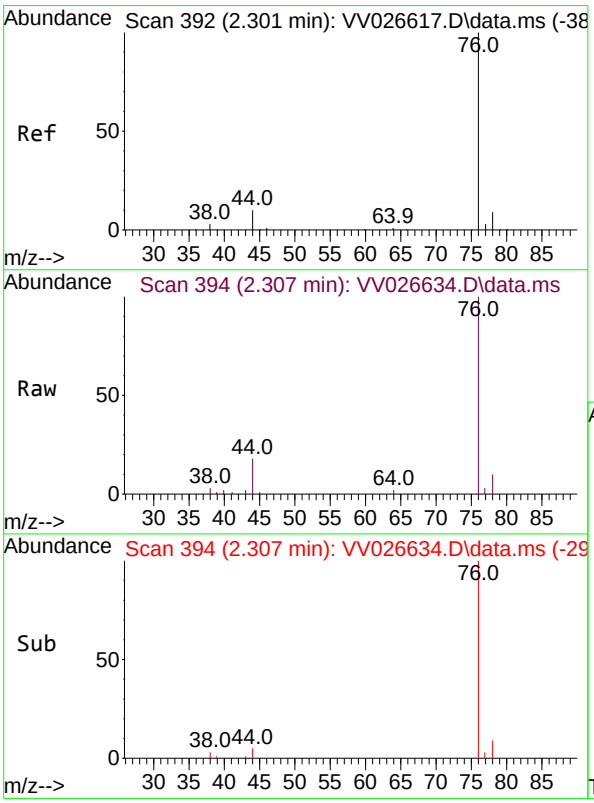
#8
Chloroethane
Concen: 0.147 ug/L
RT: 1.603 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0AM7

Tgt Ion: 64 Resp: 1700

Ion	Ratio	Lower	Upper
64	100		
66	6.7	20.0	37.2#

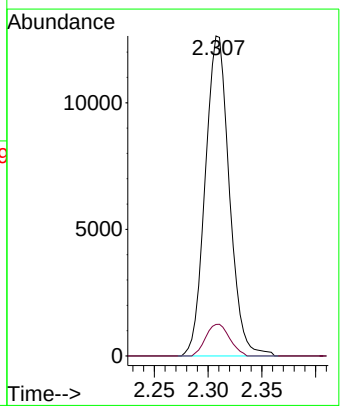


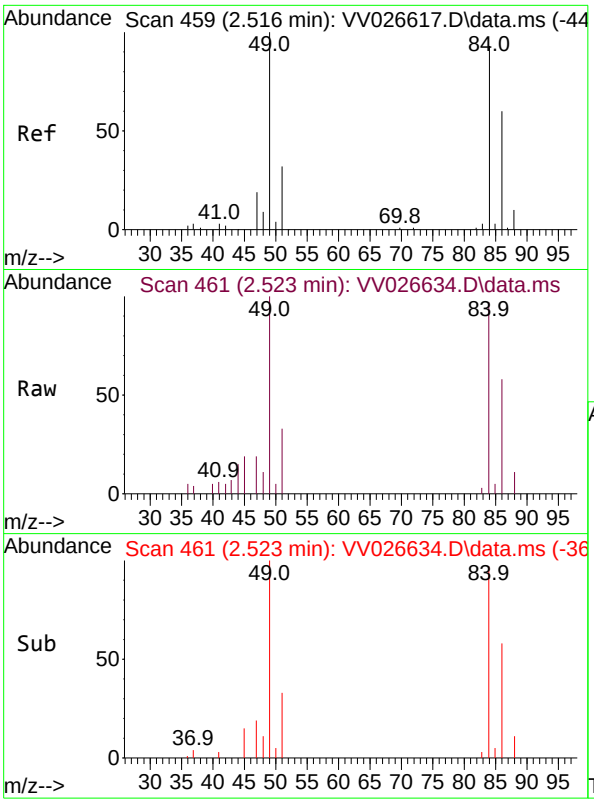


#14
Carbon disulfide
Concen: 0.574 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.007 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Tgt Ion: 76 Resp: 19642

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.8	11.6



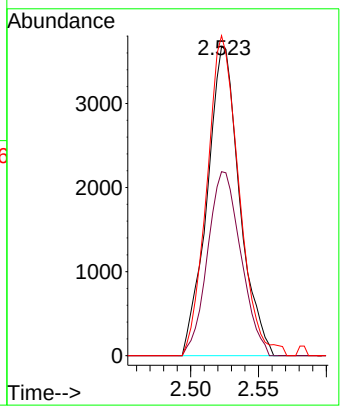


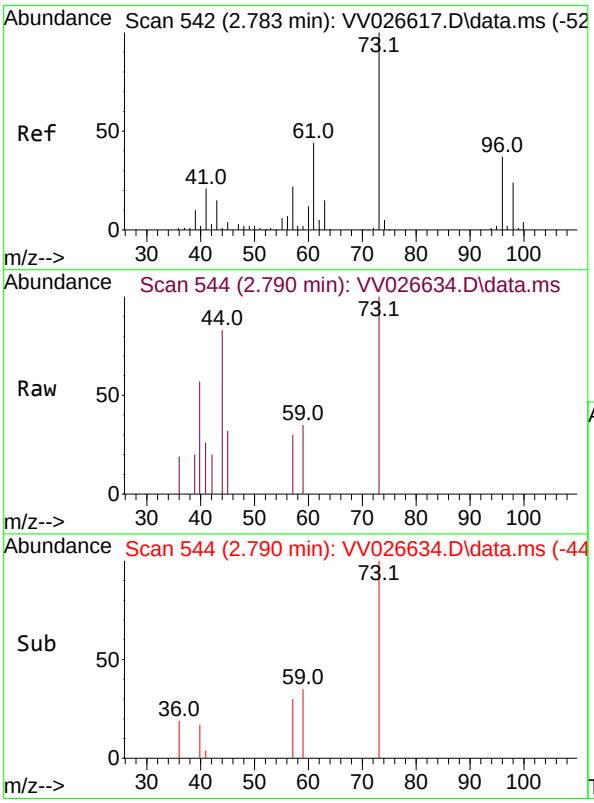
#16
Methylene chloride
Concen: 0.445 ug/L
RT: 2.523 min Scan# 4
Delta R.T. 0.007 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0AM7

Tgt Ion: 84 Resp: 6128

Ion	Ratio	Lower	Upper
84	100		
86	59.5	46.0	85.4
49	103.5	77.7	144.3

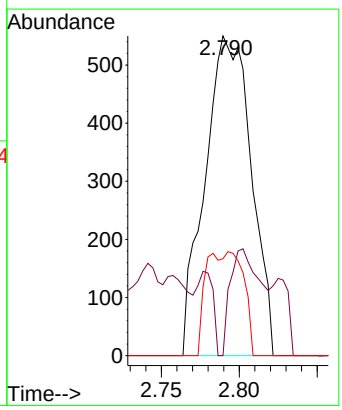


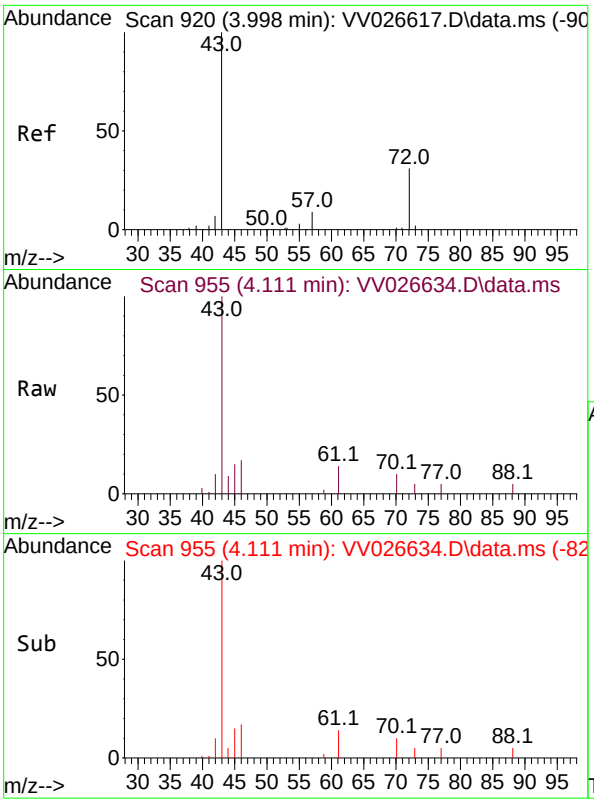


#17
Methyl tert-butyl Ether
Concen: 0.054 ug/L
RT: 2.790 min Scan# 544
Delta R.T. 0.007 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Tgt Ion: 73 Resp: 1139

Ion	Ratio	Lower	Upper
73	100		
43	8.9	13.3	19.9#
57	10.6	17.2	25.8#



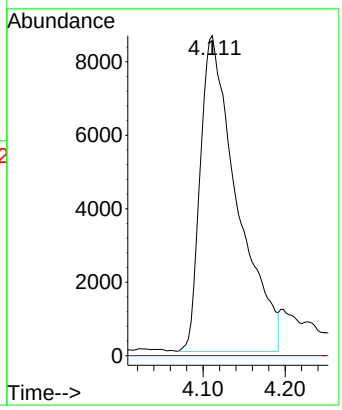


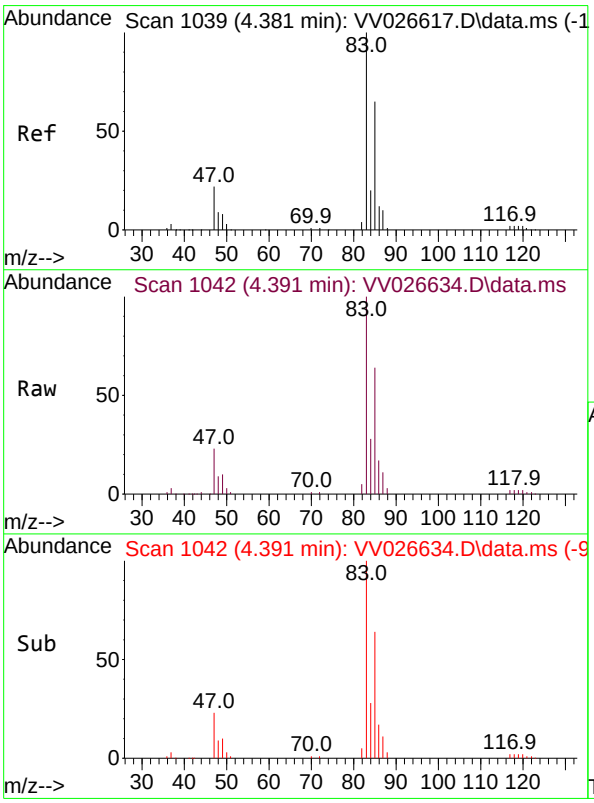
#21
2-Butanone
Concen: 18.334 ug/L
RT: 4.111 min Scan# 9
Delta R.T. 0.113 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0AM7

Tgt Ion: 43 Resp: 26862

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.5	40.5#

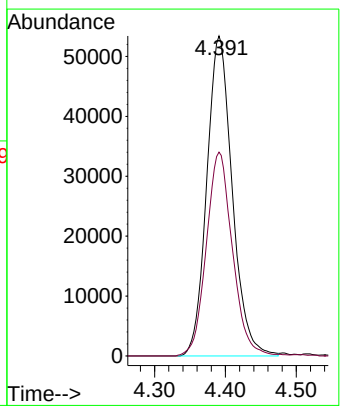


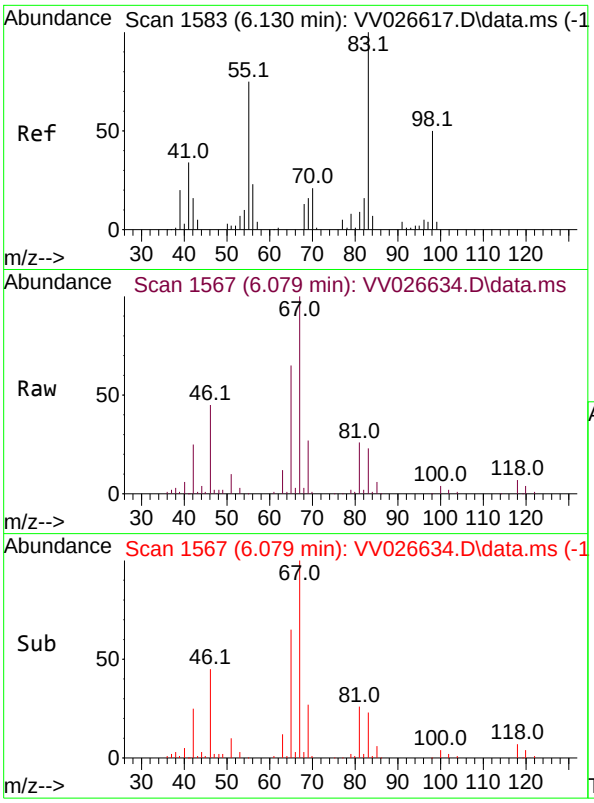


#25
Chloroform
Concen: 5.243 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.010 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Tgt Ion: 83 Resp: 133257

Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.0	81.8



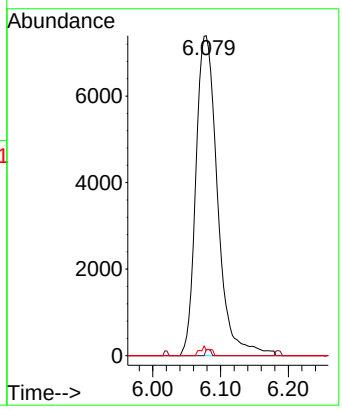


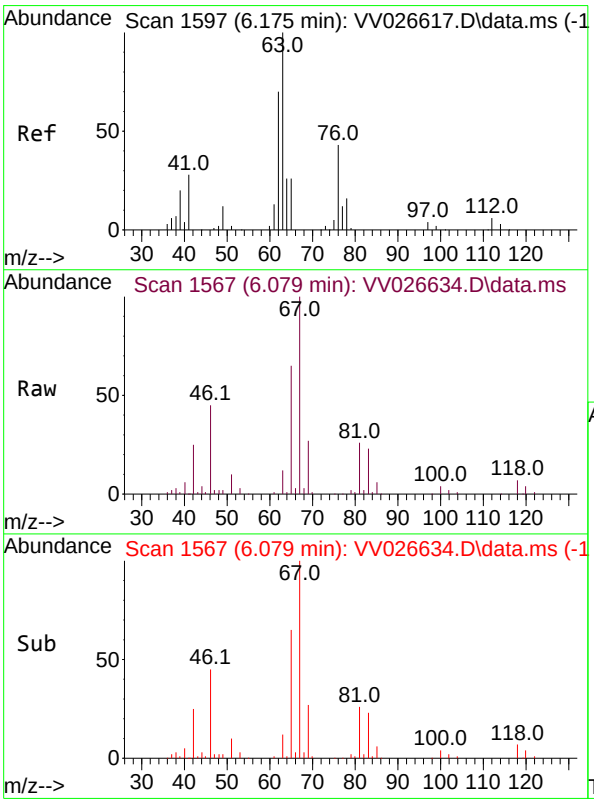
#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.079 min Scan# 1
Delta R.T. -0.051 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0AM7

Tgt Ion: 83 Resp: 16412

Ion	Ratio	Lower	Upper
83	100		
55	0.5	57.0	85.4#
98	1.3	39.8	59.8#

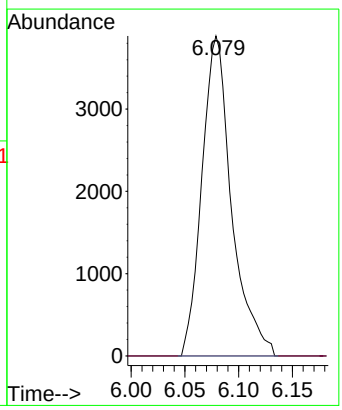


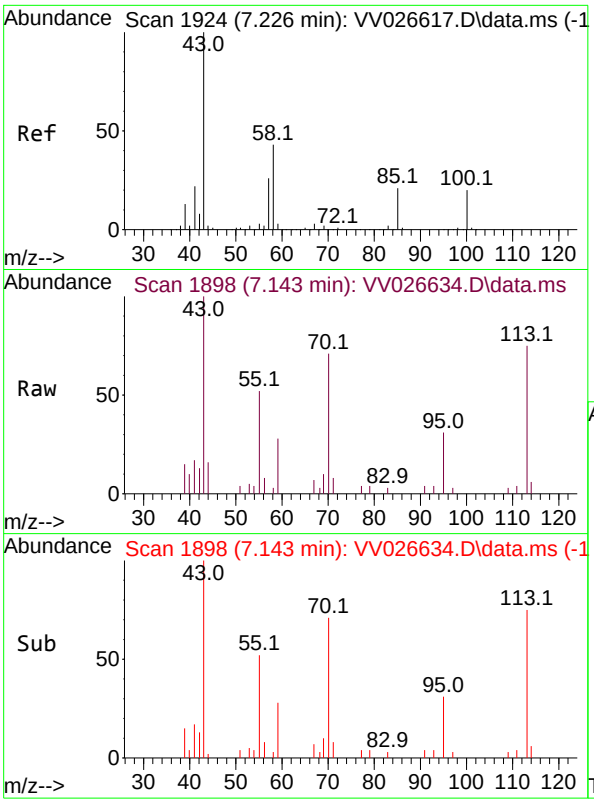


#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.096 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Tgt Ion: 63 Resp: 7463

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#



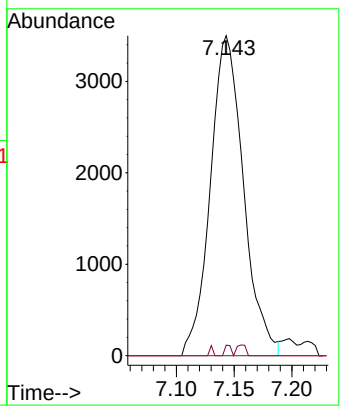


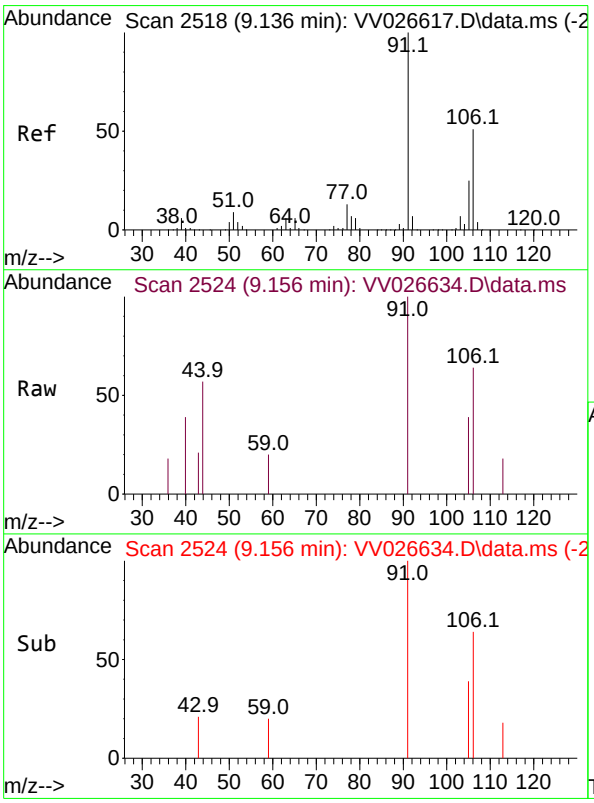
#40
4-Methyl-2-pentanone
Concen: 1.582 ug/L
RT: 7.143 min Scan# 1
Delta R.T. -0.083 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0AM7

Tgt Ion: 43 Resp: 6986

Ion	Ratio	Lower	Upper
43	100		
58	0.6	33.3	49.9#
100	0.0	14.3	21.5#

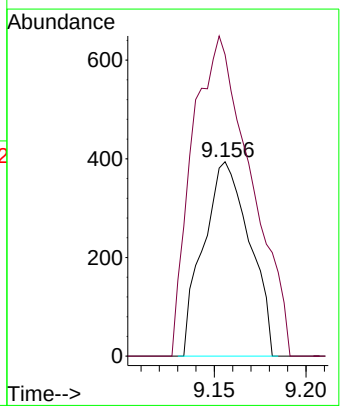


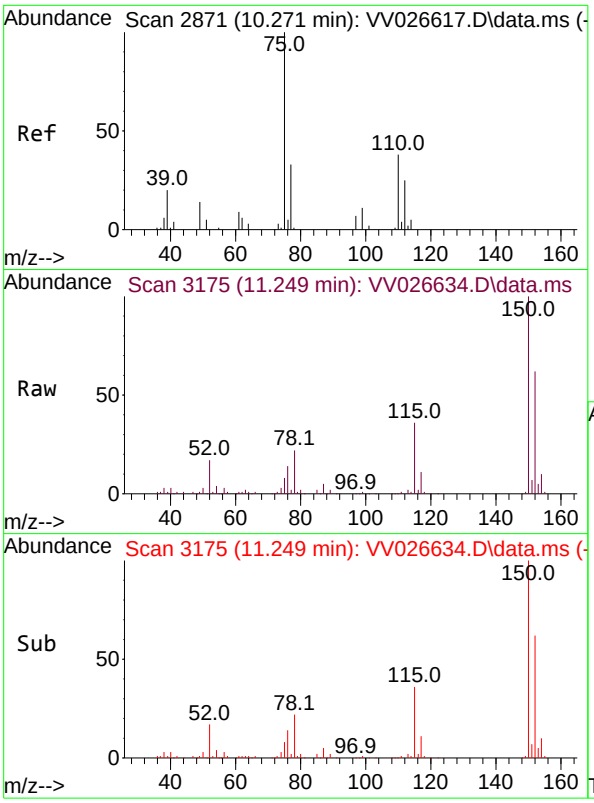


#53
m,p-Xylene
Concen: 0.031 ug/L
RT: 9.156 min Scan# 2524
Delta R.T. 0.019 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Tgt Ion:106 Resp: 691

Ion	Ratio	Lower	Upper
106	100		
91	155.1	139.9	259.9





#61
1,2,3-Trichloropropane
Concen: 1.772 ug/L
RT: 11.249 min Scan# 3
Delta R.T. 0.978 min
Lab File: VV026634.D
Acq: 01 Jul 2022 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0AM7

Tgt Ion: 75 Resp: 8886

Ion	Ratio	Lower	Upper
75	100		
77	28.3	25.8	38.6
110	1.6	32.5	48.7#