Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045170.D
Acq On : 06 Oct 2021 01:29
Operator : SY/MD
Sample : M3996-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A32

Quant Time: Oct 06 04:40:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282542	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	265511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	120272	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102532	33.150	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.300%		
7) Chloroethane-d5	1.912	69	94114	38.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.800%		
11) 1,1-Dichloroethene-d2	2.572	63	151834	29.231	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.460%#		
21) 2-Butanone-d5	4.633	46	226105	92.467	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.470%		
24) Chloroform-d	5.070	84	202585	41.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.940%		
26) 1,2-Dichloroethane-d4	5.707	65	145355	43.928	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.860%		
32) Benzene-d6	5.732	84	416525	45.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.420%		
36) 1,2-Dichloropropane-d6	6.694	67	135854	45.223	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.440%		
41) Toluene-d8	7.903	98	361011	45.406	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.820%		
43) trans-1,3-Dichloroprop...	8.182	79	59097	44.224	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.440%		
47) 2-Hexanone-d5	8.639	63	155829	93.603	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.600%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	205289	43.885	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.760%		
66) 1,2-Dichlorobenzene-d4	12.195	152	127467	48.699	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.400%		
Target Compounds						Qvalue
8) Chloroethane	1.607	64	1547	0.746	ug/L	87
18) Methyl tert-butyl Ether	3.372	73	6271	0.825	ug/L #	85
34) Trichloroethene	6.546	95	5216	2.205	ug/L	94
35) Methylcyclohexane	6.694	83	31609	7.982	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	15470	5.770	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3803	0.991	ug/L #	67
42) Toluene	7.973	91	5329	0.533	ug/L	96
44) trans-1,3-Dichloropropene	8.186	75	2652	0.727	ug/L	92
45) 1,1,2-Trichloroethane	8.555	97	3133	1.289	ug/L #	1
46) Tetrachloroethene	8.559	164	332245	196.520	ug/L	99
49) Dibromochloromethane	8.555	129	325371	135.395	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	16168	4.860	ug/L #	68

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

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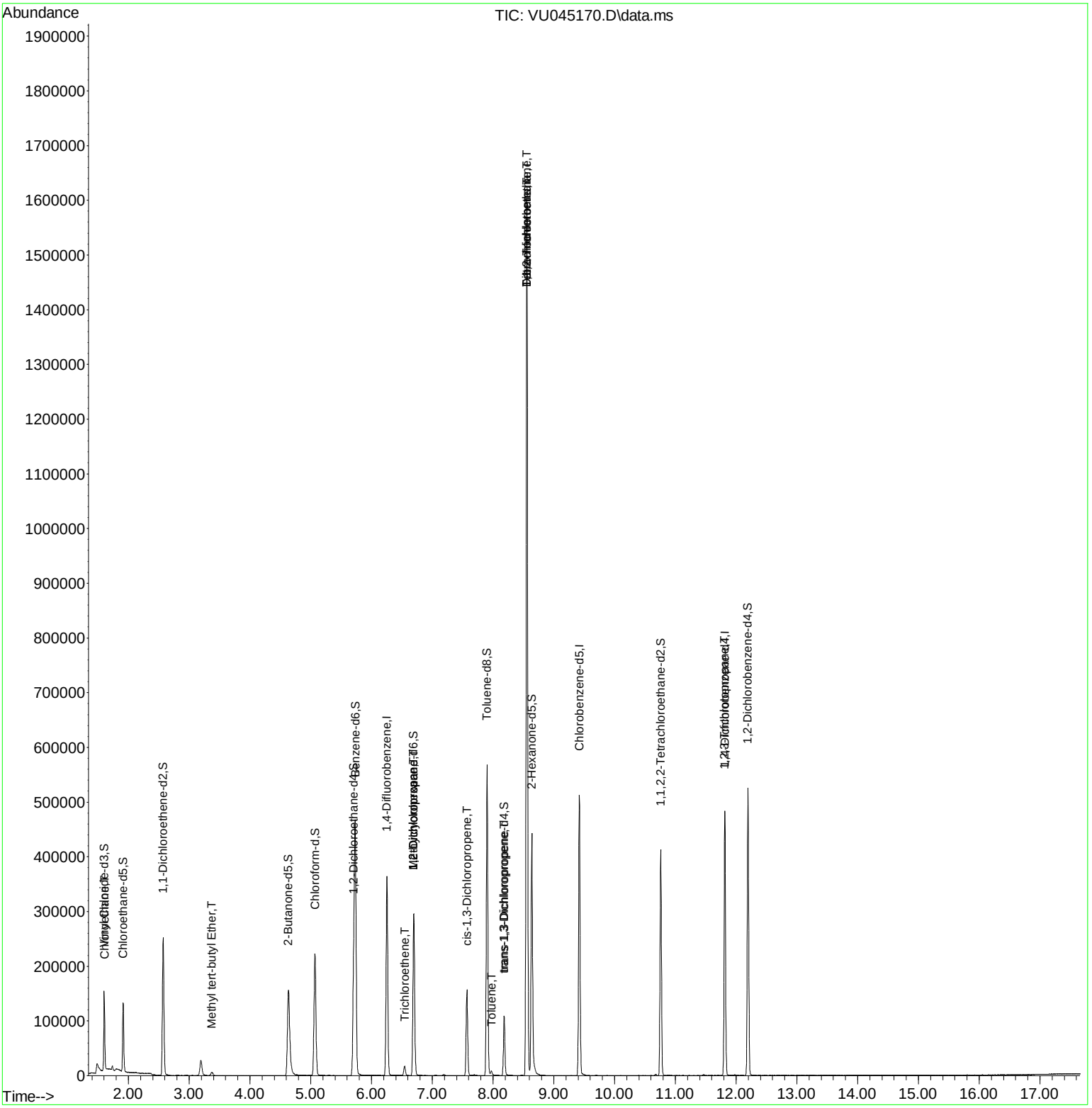

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MSVOA_U
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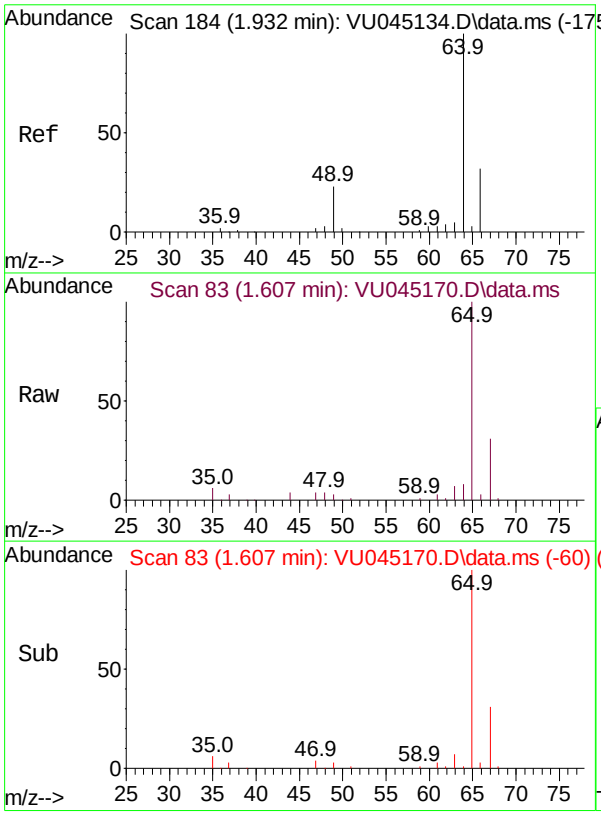
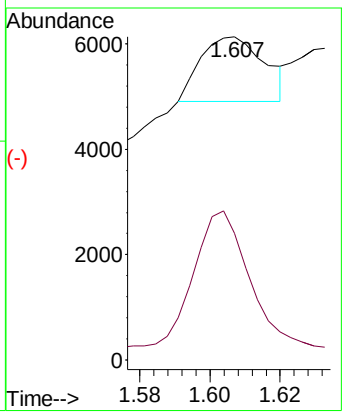
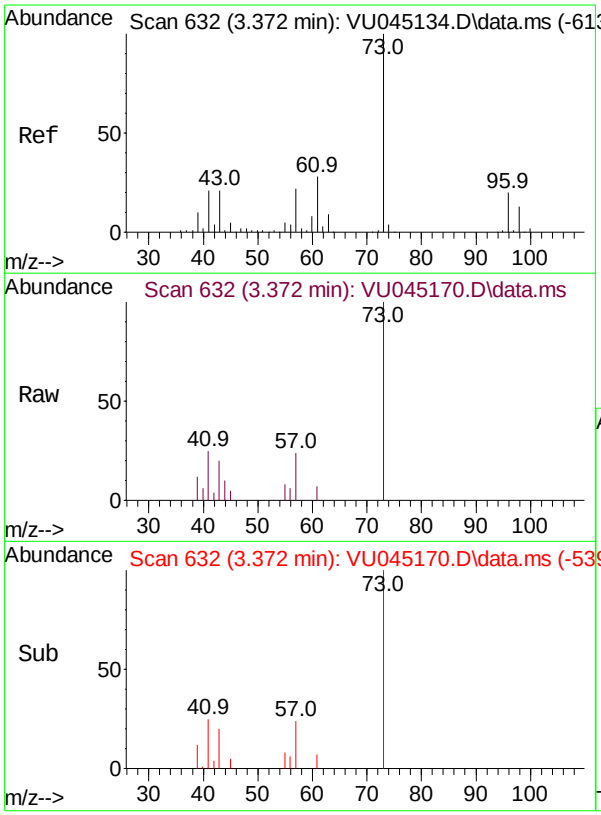


#8
Chloroethane
Concen: 0.746 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.325 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 64 Resp: 1547

Ion	Ratio	Lower	Upper
64	100		
66	39.2	22.3	41.3

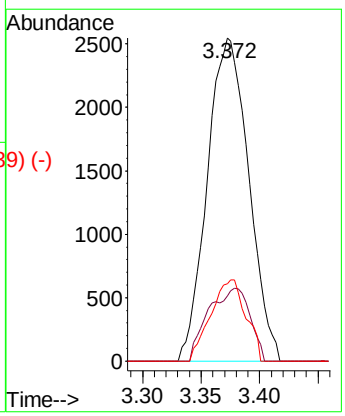




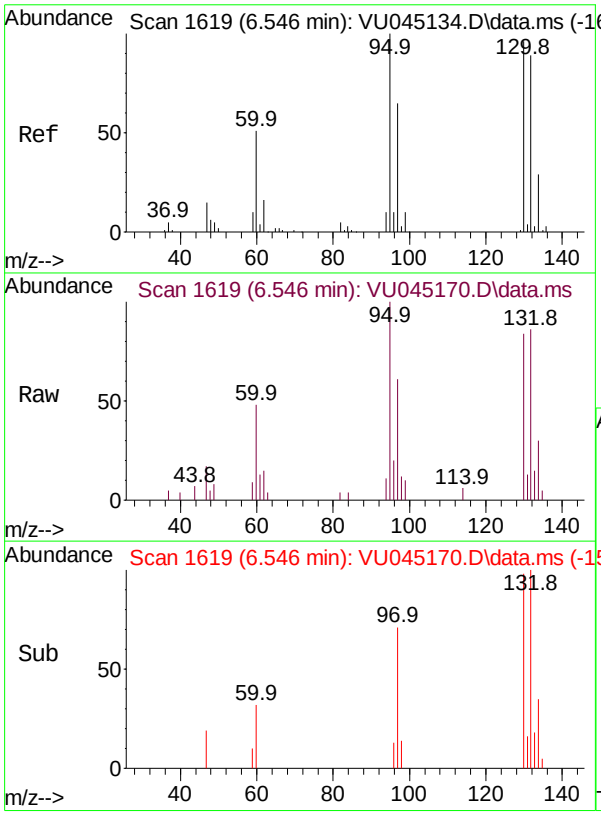
#18
Methyl tert-butyl Ether
Concen: 0.825 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 73 Resp: 6271

Ion	Ratio	Lower	Upper
73	100		
43	8.5	17.3	25.9#
57	21.4	18.7	28.1



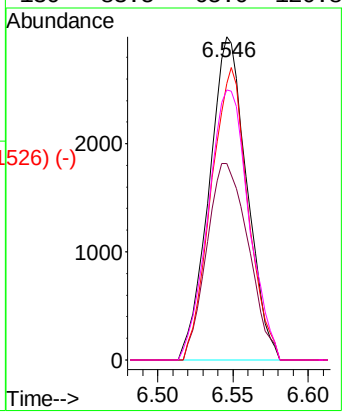
Instrument :
MSVOA_U
ClientSampleId :
F4A32

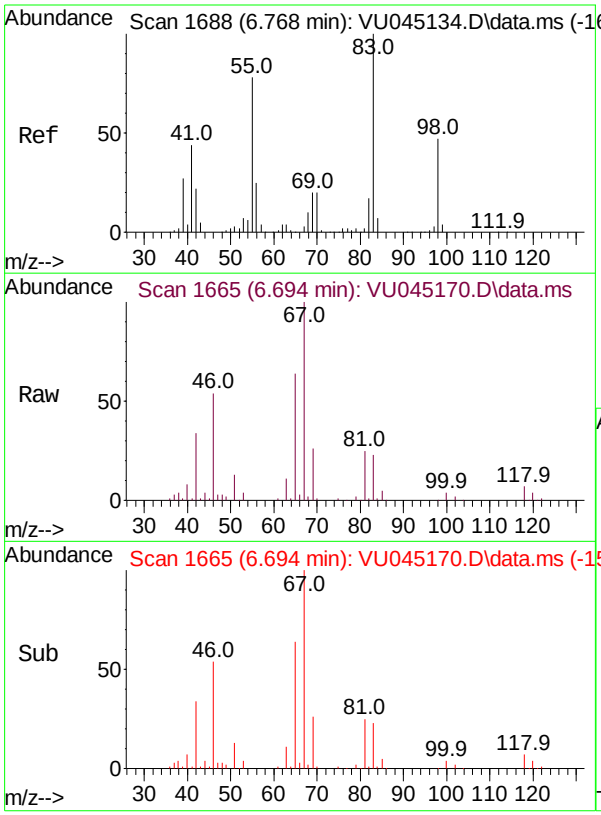


#34
Trichloroethene
Concen: 2.205 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 95 Resp: 5216

Ion	Ratio	Lower	Upper
95	100		
97	60.7	44.4	82.4
132	85.6	62.9	116.9
130	83.5	65.0	120.8

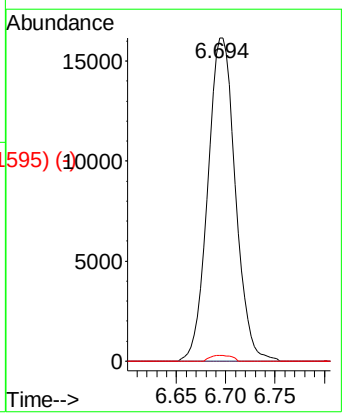


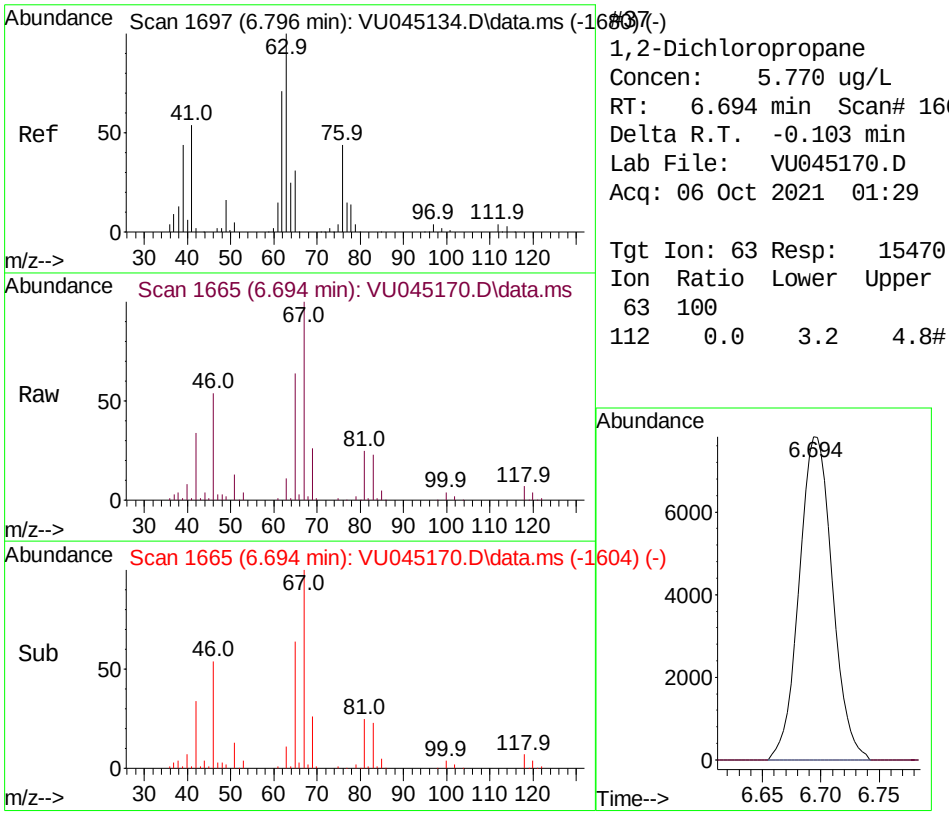


#35
Methylcyclohexane
Concen: 7.982 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 83 Resp: 31609

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.8	98.6#
98	1.4	37.1	55.7#



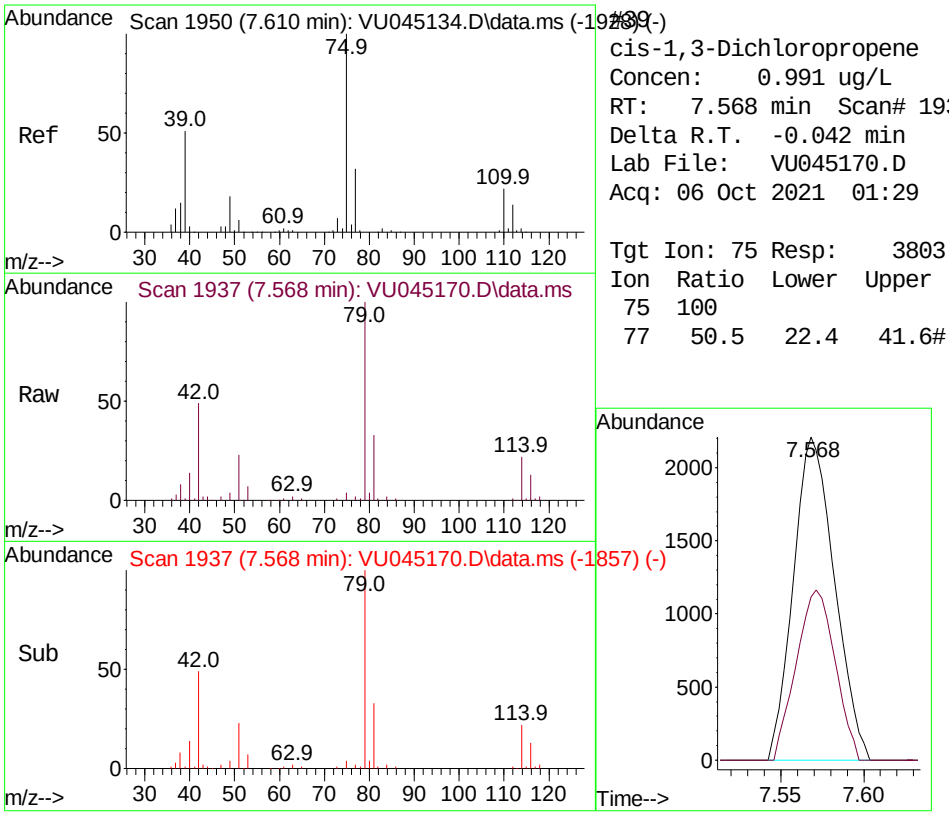


#37
1,2-Dichloropropane
Concen: 5.770 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 63 Resp: 15470

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

Instrument :
MSVOA_U
ClientSampleId :
F4A32

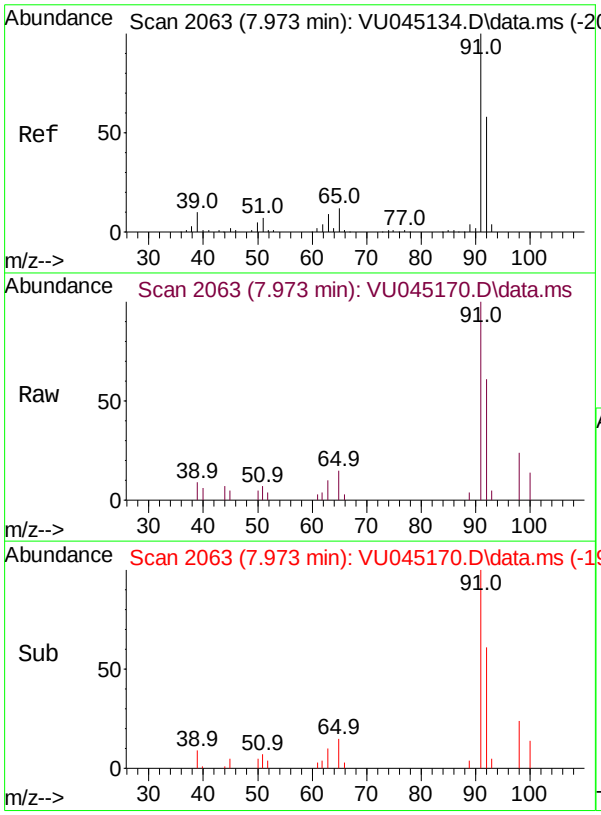


#39
cis-1,3-Dichloropropene
Concen: 0.991 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 75 Resp: 3803

Ion	Ratio	Lower	Upper
75	100		
77	50.5	22.4	41.6#

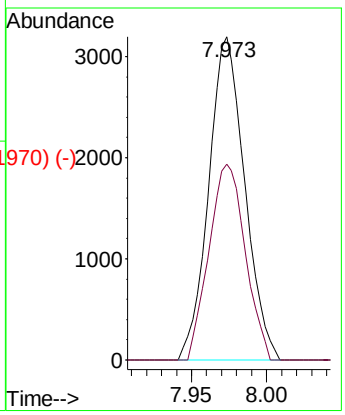
Instrument :
MSVOA_U
ClientSampleId :
F4A32

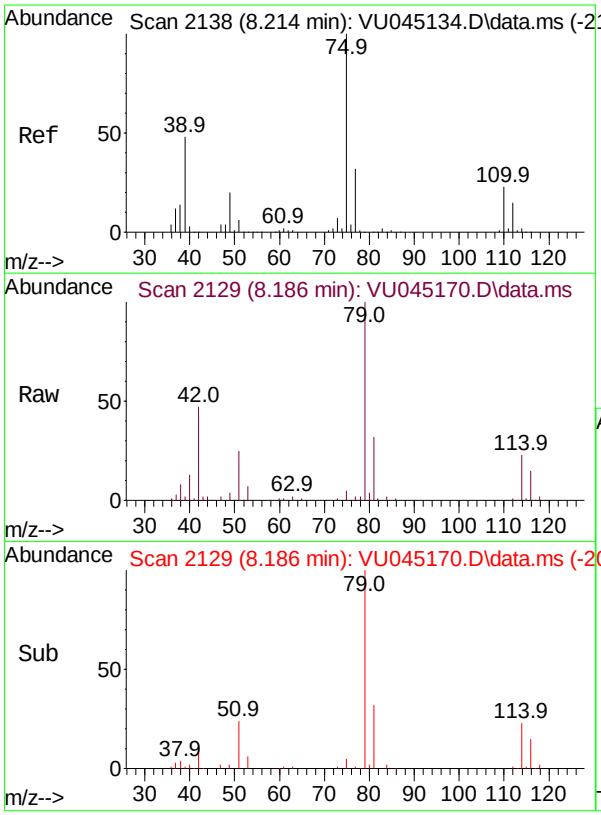


#42
Toluene
Concen: 0.533 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 91 Resp: 5329

Ion	Ratio	Lower	Upper
91	100		
92	60.6	40.5	75.1

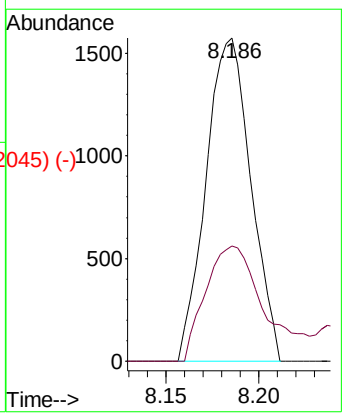


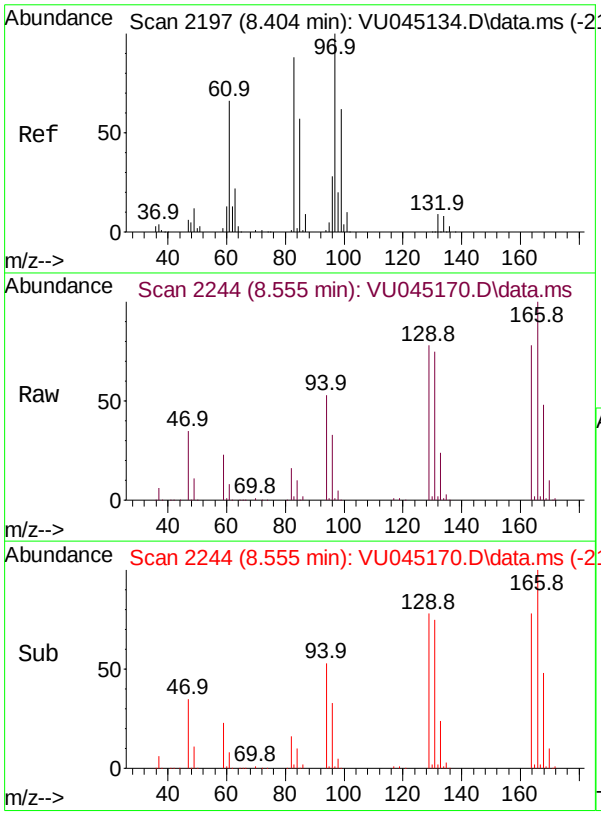


#44
trans-1,3-Dichloropropene
Concen: 0.727 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 75 Resp: 2652

Ion	Ratio	Lower	Upper
75	100		
77	35.6	21.7	40.3

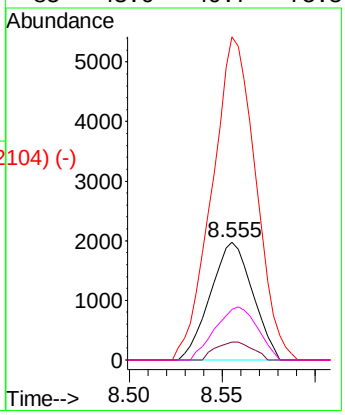




#45
1,1,2-Trichloroethane
Concen: 1.289 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.151 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 97 Resp: 3133

Ion	Ratio	Lower	Upper
97	100		
99	14.9	43.7	81.1#
83	274.3	61.9	115.1#
85	43.0	40.7	75.5



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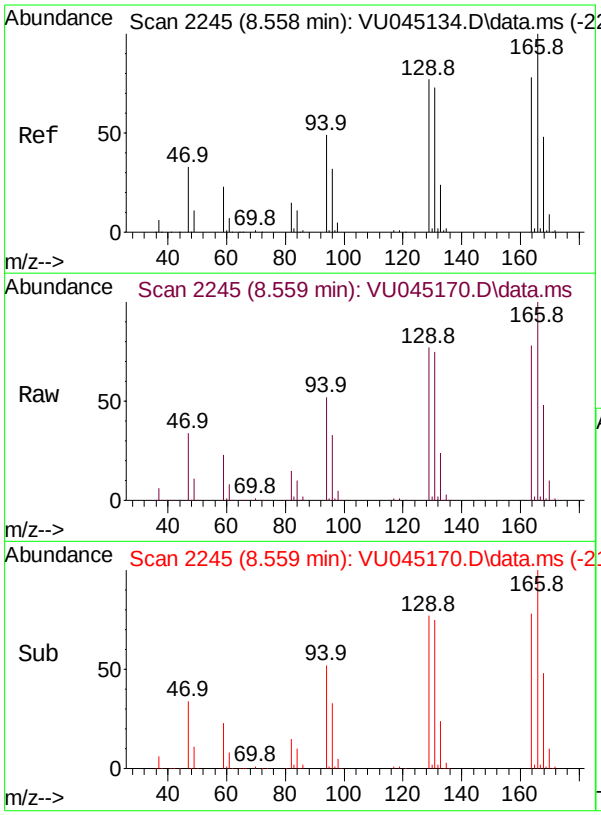
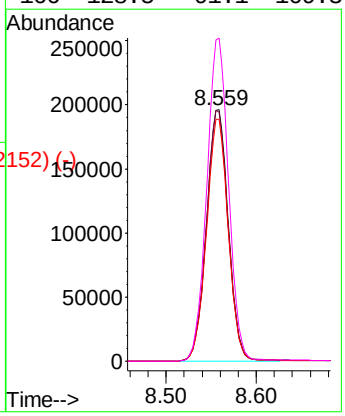
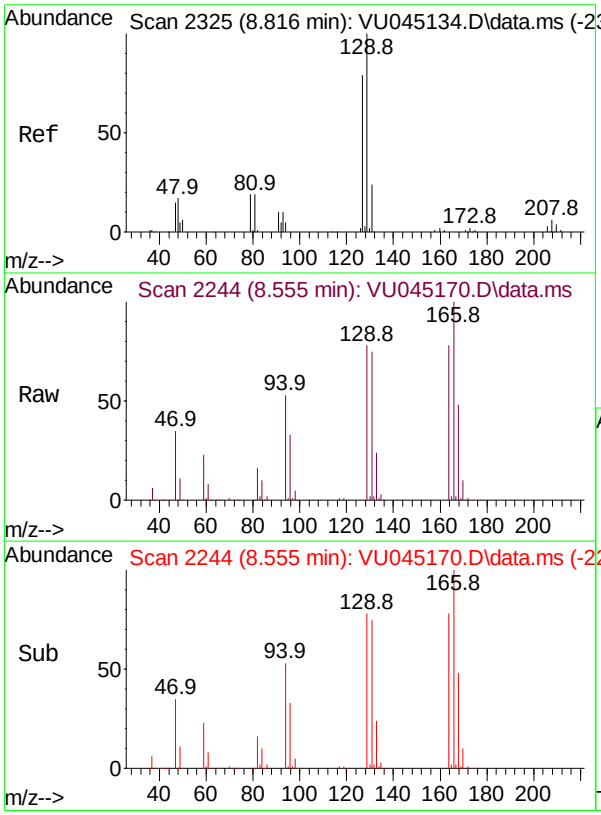


#46
Tetrachloroethene
Concen: 196.520 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion:164 Resp: 332245

Ion	Ratio	Lower	Upper
164	100		
129	99.1	69.8	129.6
131	96.1	66.4	123.2
166	128.5	91.1	169.3

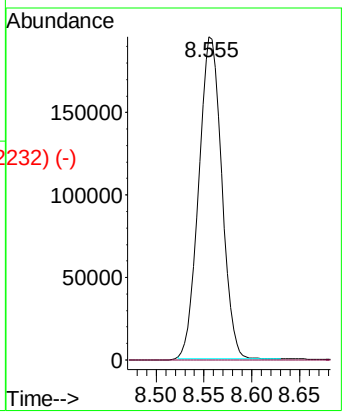




#99
Dibromochloromethane
Concen: 135.395 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.260 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion:129 Resp: 325371

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.8#



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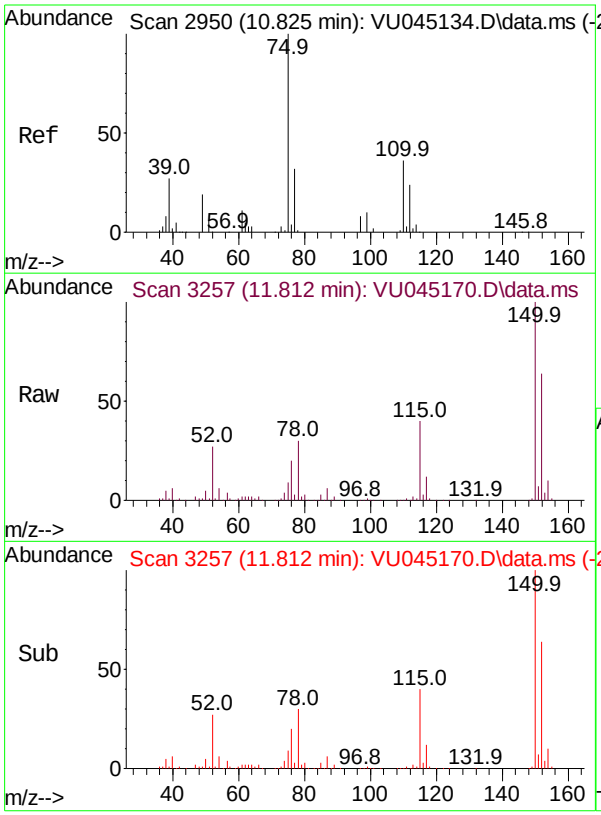

#160
1,2,3-Trichloropropane
Concen: 4.860 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 75 Resp: 16168

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.5	38.3
110	2.1	29.0	43.4#