Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
Data File : VU052354.D
Acq On : 12 Dec 2022 15:47
Operator : JC/MD
Sample : N5930-10DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 13 01:04:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 13 01:01:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	254781	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	256493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109542	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86958	3.509	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.200%			
7) Chloroethane-d5	1.916	69	78107	4.058	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.200%			
11) 1,1-Dichloroethene-d2	2.568	65	35332	3.977	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.600%			
20) 2-Butanone-d5	4.639	46	247204	55.030	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.060%			
24) Chloroform-d	5.063	84	162898	4.474	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
26) 1,2-Dichloroethane-d4	5.700	65	85463	4.647	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	5.726	84	339790	4.462	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.687	67	111460	4.730	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.600%			
41) Toluene-d8	7.896	98	266844	3.873	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.400%			
43) trans-1,3-Dichloroprop...	8.176	79	34615	4.031	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.600%			
46) 2-Hexanone-d5	8.632	63	166982	45.882	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.760%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	97502	4.772	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.400%			
66) 1,2-Dichlorobenzene-d4	12.188	152	100932	4.813	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	67650	2.442	ug/L	97
8) Chloroethane	1.935	64	2304	0.134	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	996	0.053	ug/L #	20
12) 1,1-Dichloroethene	2.575	96	3751	0.203	ug/L #	1
16) Methylene chloride	3.047	84	38595	1.544	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	1918	0.097	ug/L	82
19) 1,1-Dichloroethane	3.870	63	155390	4.352	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	242946	11.684	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	56225	1.976	ug/L	98
31) Carbon tetrachloride	5.311	117	8162	0.338	ug/L	96
35) Methylcyclohexane	6.690	83	24959	0.833	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10809	0.500	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	12783	1.020	ug/L #	68

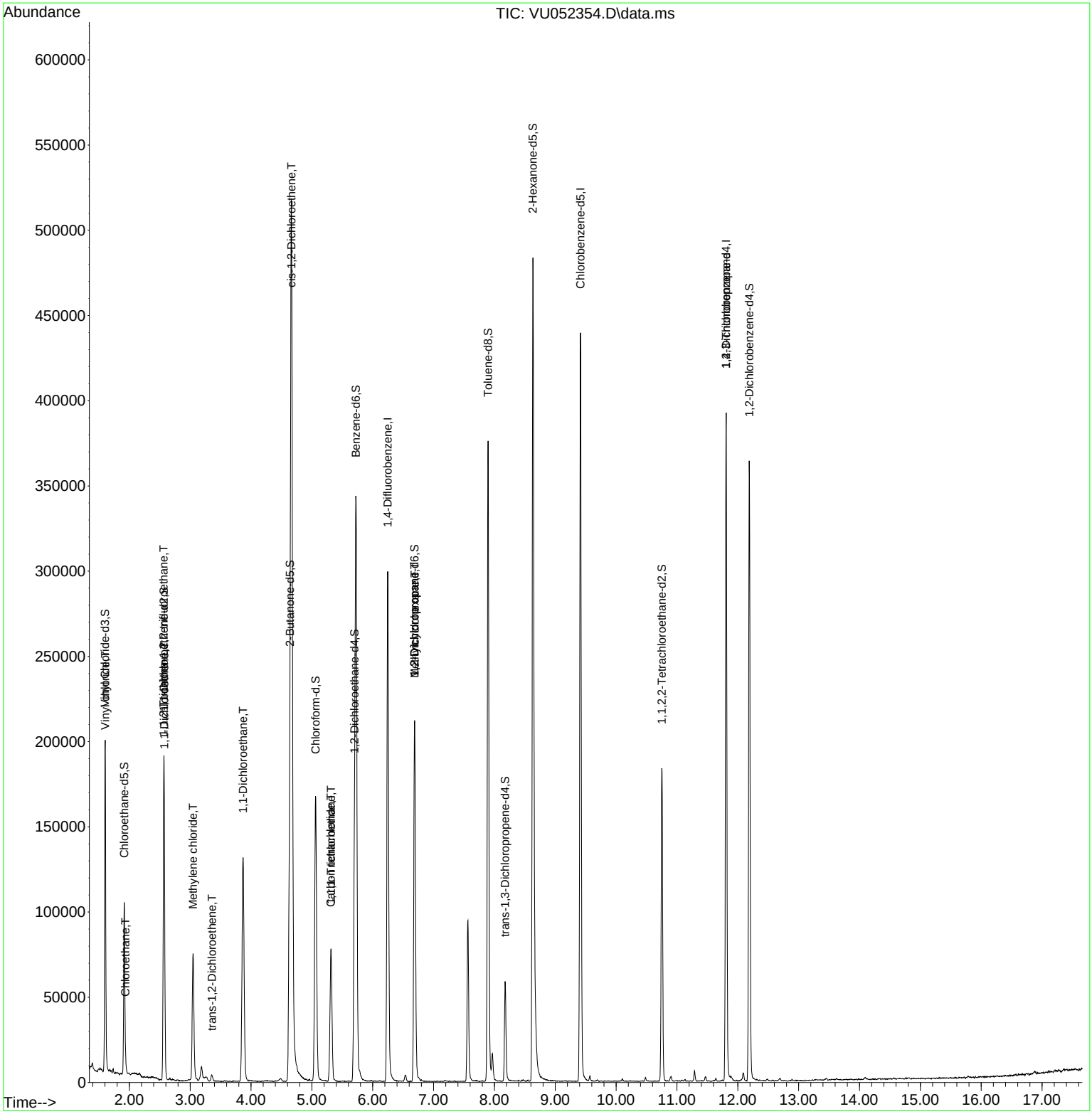
(#) = qualifier out of range (m) = manual integration (+) = signals summed

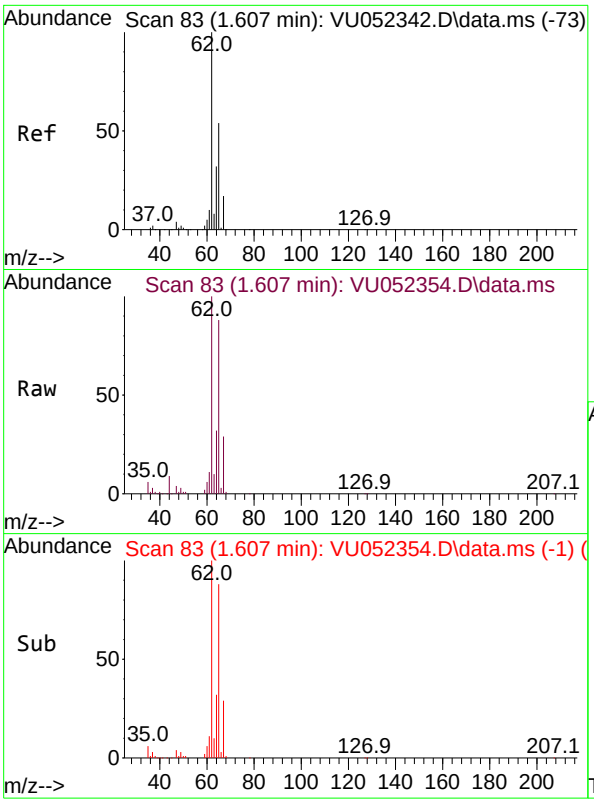
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
Data File : VU052354.D
Acq On : 12 Dec 2022 15:47
Operator : JC/MD
Sample : N5930-10DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 13 01:04:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 13 01:01:45 2022
Response via : Initial Calibration



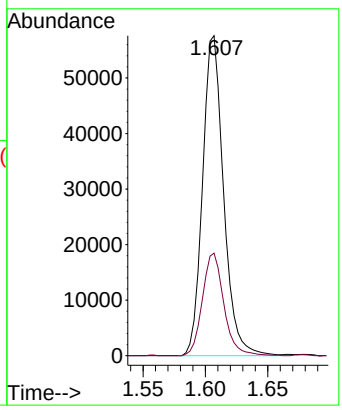


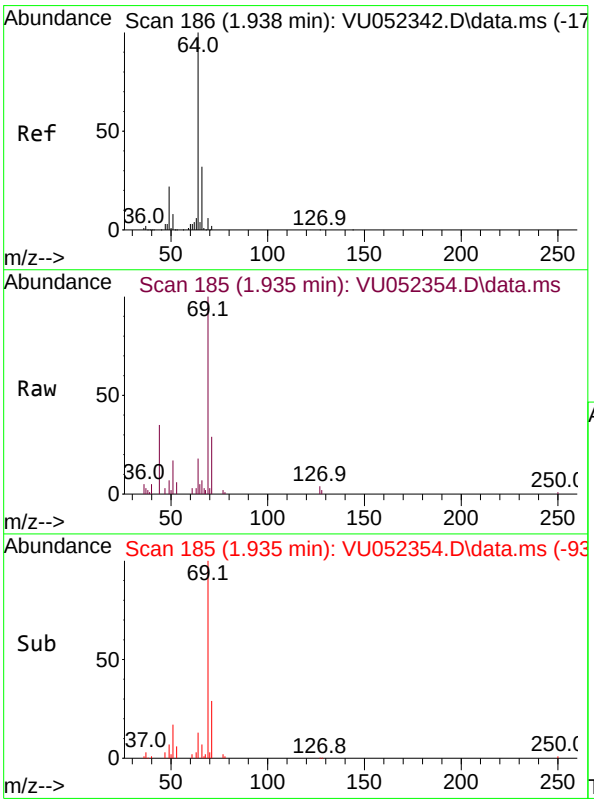
#5
Vinyl chloride
Concen: 2.442 ug/L
RT: 1.607 min Scan# 8
Delta R.T. -0.000 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 67650

Ion	Ratio	Lower	Upper
62	100		
64	32.1	23.5	43.7

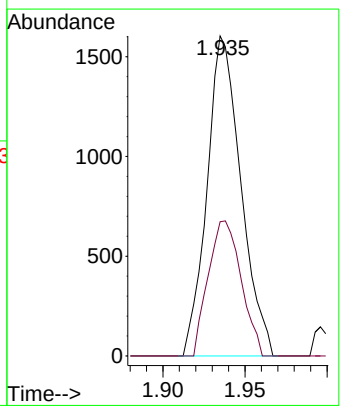


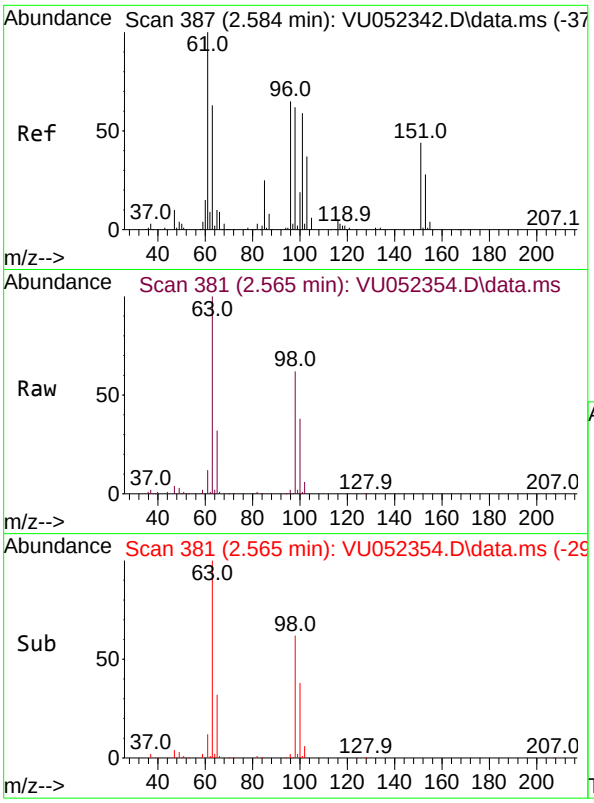


#8
Chloroethane
Concen: 0.134 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Tgt Ion: 64 Resp: 2304

Ion	Ratio	Lower	Upper
64	100		
66	42.0	21.1	39.1#



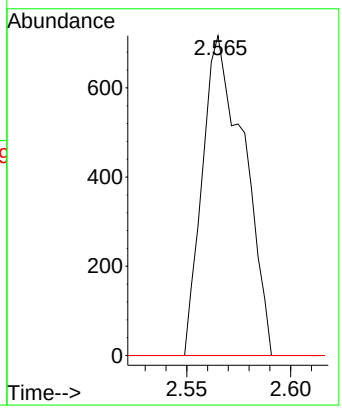


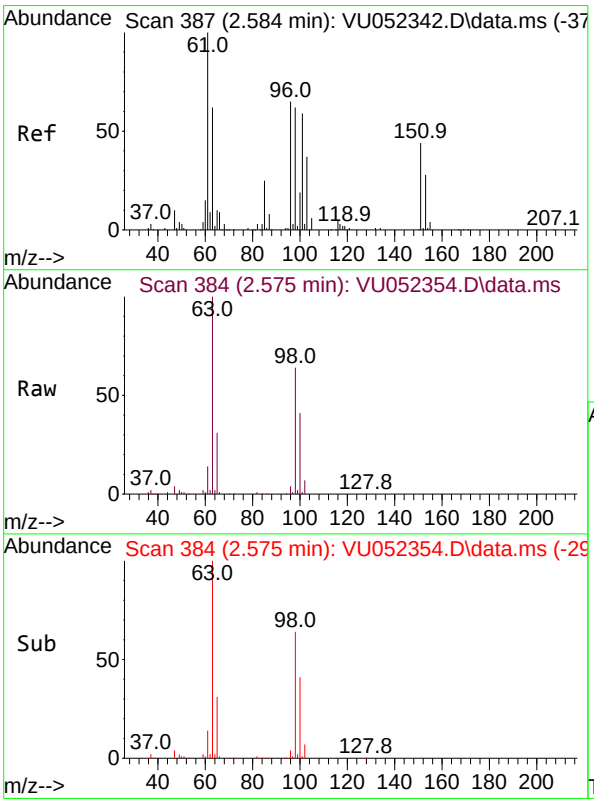
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 996

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	58.6	88.0#

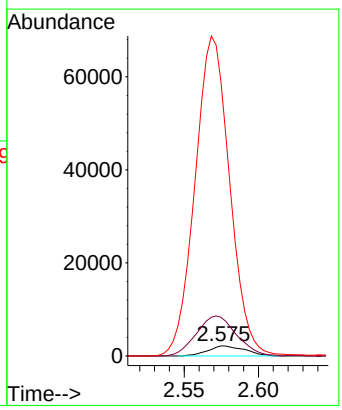


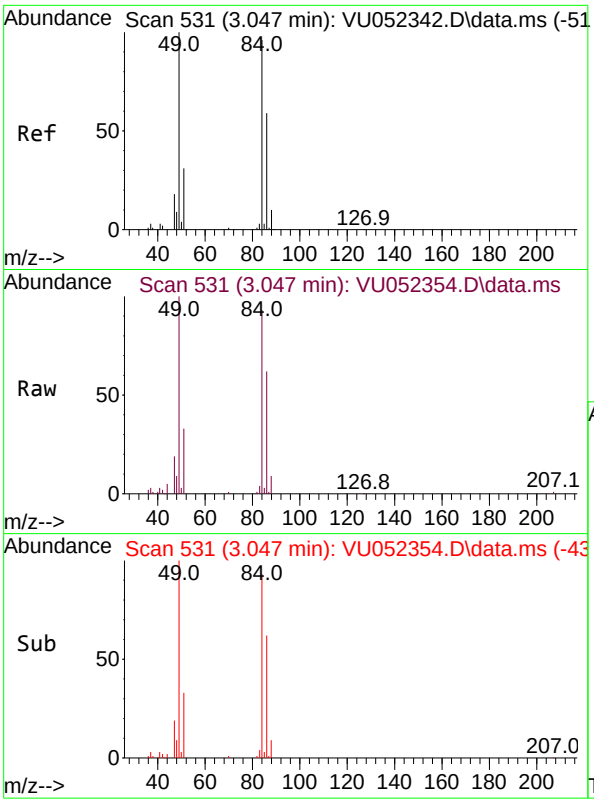


#12
1,1-Dichloroethene
Concen: 0.203 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Tgt Ion: 96 Resp: 3751

Ion	Ratio	Lower	Upper
96	100		
61	382.7	114.8	213.2#
63	2710.2	93.7	174.1#



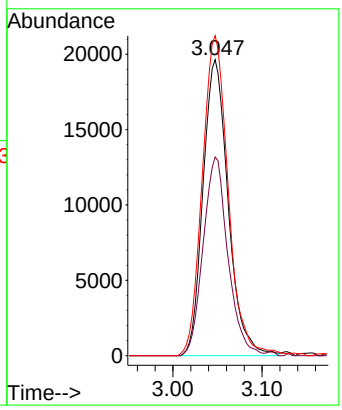


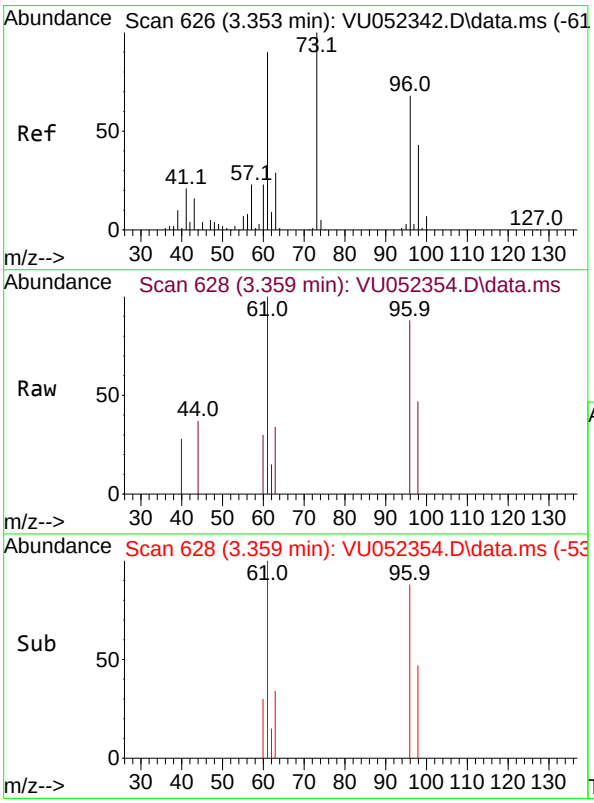
#16
Methylene chloride
Concen: 1.544 ug/L
RT: 3.047 min Scan# 5
Delta R.T. -0.000 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 38595

Ion	Ratio	Lower	Upper
84	100		
86	67.2	43.8	81.4
49	108.1	75.9	141.1

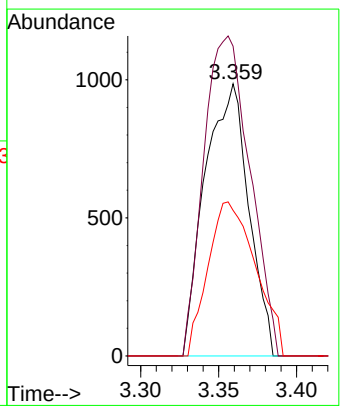


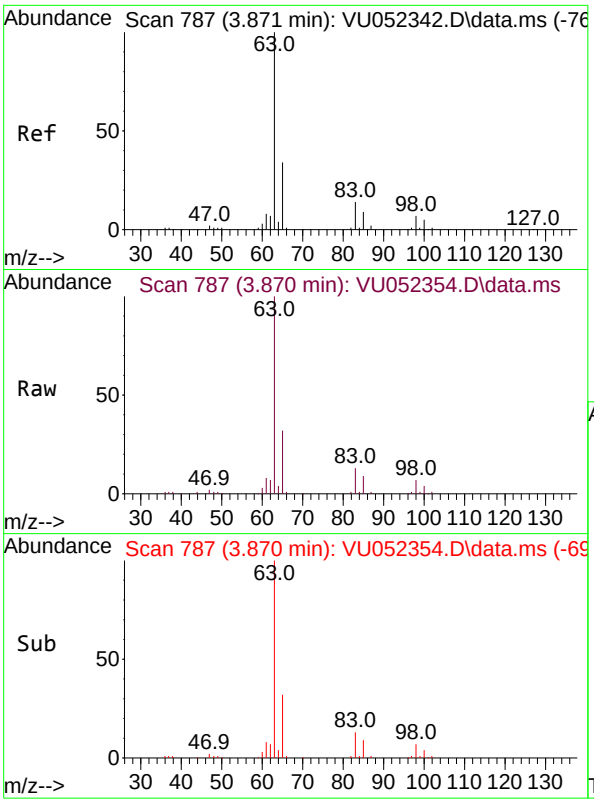


#18
trans-1,2-Dichloroethene
Concen: 0.097 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.006 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Tgt Ion: 96 Resp: 1918

Ion	Ratio	Lower	Upper
96	100		
61	113.8	97.9	181.7
98	53.4	43.8	81.3



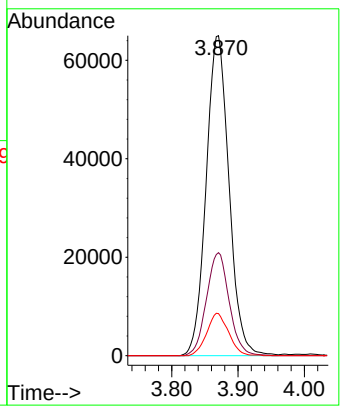


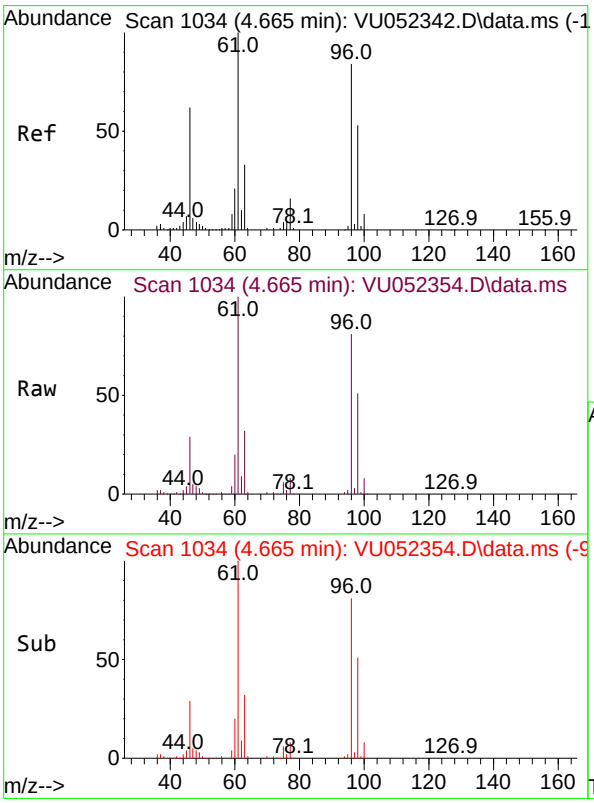
#19
1,1-Dichloroethane
Concen: 4.352 ug/L
RT: 3.870 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 155390

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.2	41.2
83	13.1	9.2	17.0

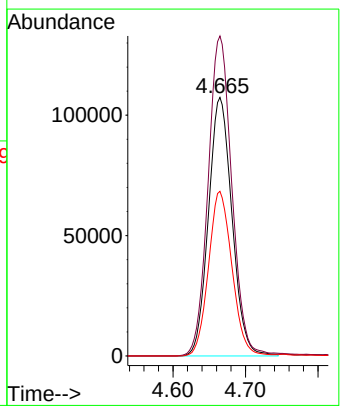


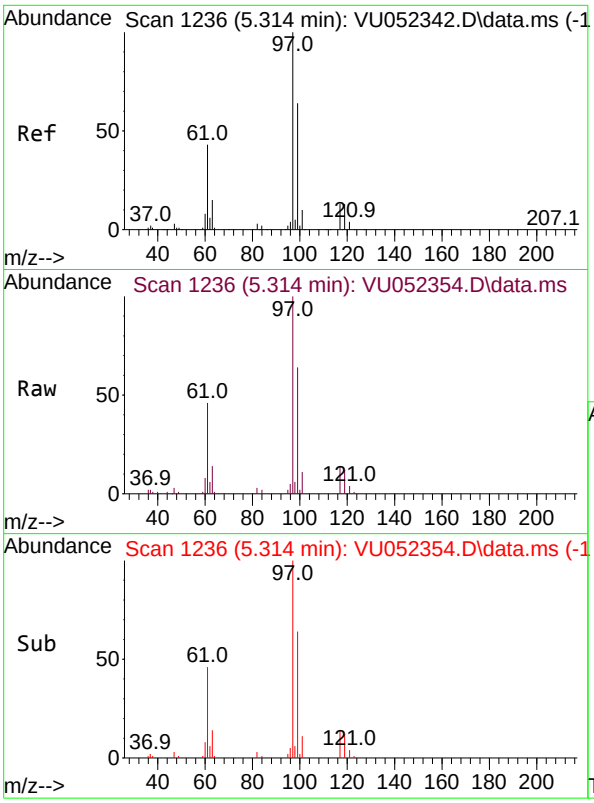


#22
cis-1,2-Dichloroethene
Concen: 11.684 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Tgt Ion: 96 Resp: 242946

Ion	Ratio	Lower	Upper
96	100		
61	123.8	85.1	158.1
98	63.7	42.8	79.6



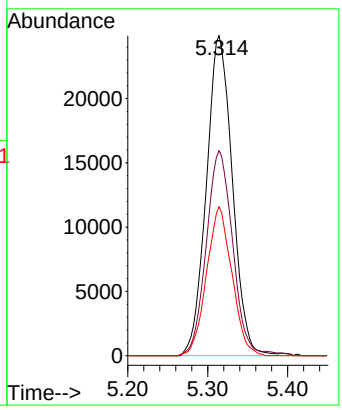


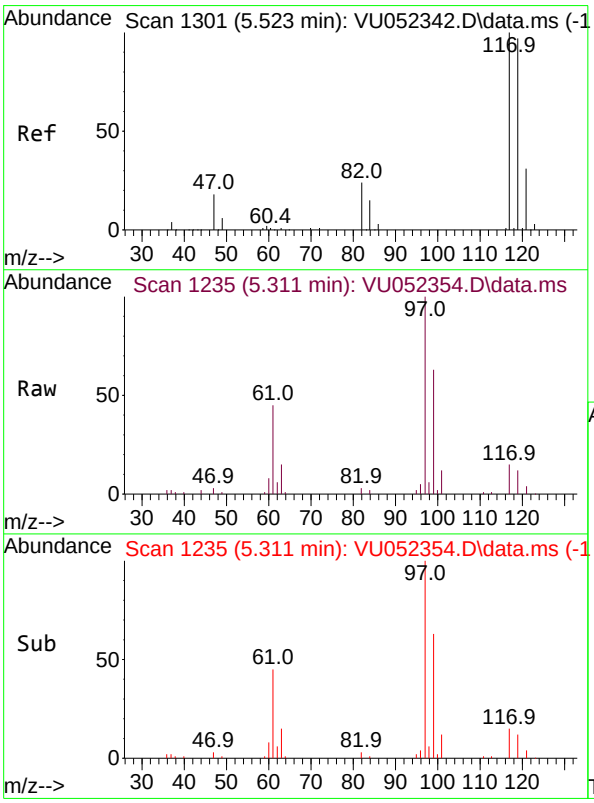
#29
1,1,1-Trichloroethane
Concen: 1.976 ug/L
RT: 5.314 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 56225

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.0	76.6
61	45.4	36.9	55.3

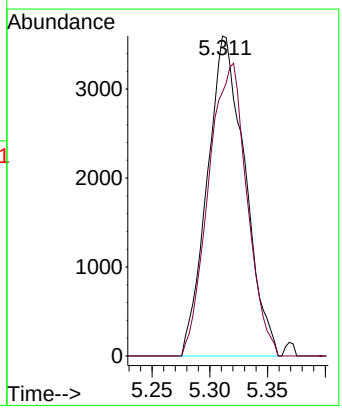


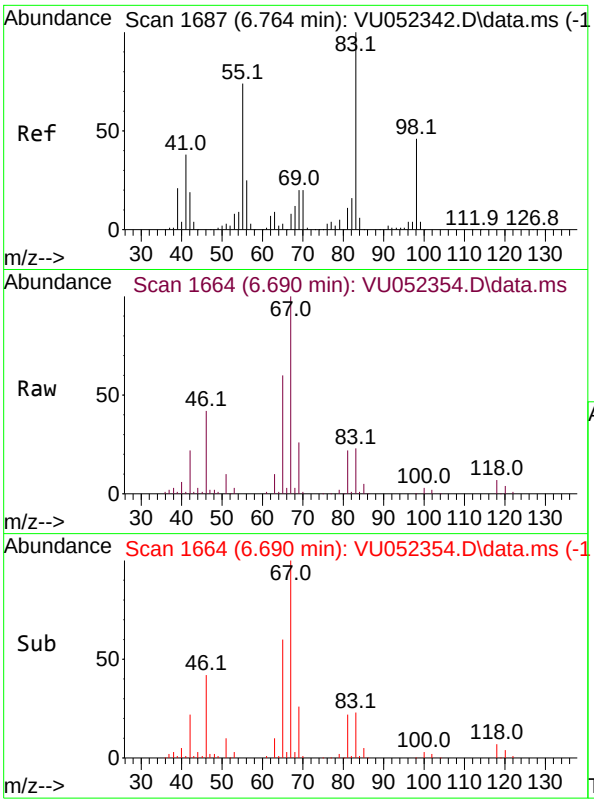


#31
Carbon tetrachloride
Concen: 0.338 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.212 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Tgt Ion:117 Resp: 8162

Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.2	115.8



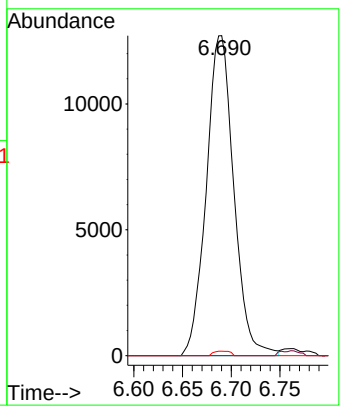


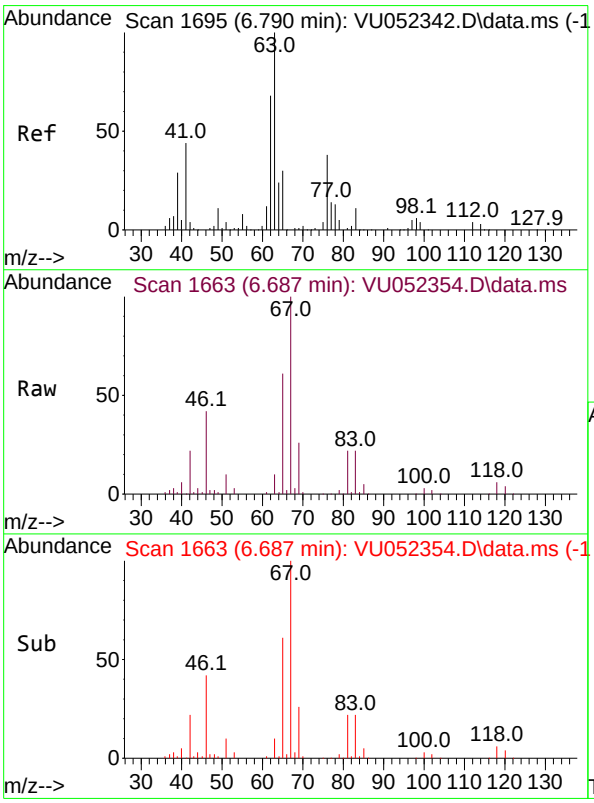
#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 24959

Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.8	91.2#
98	0.9	35.1	52.7#

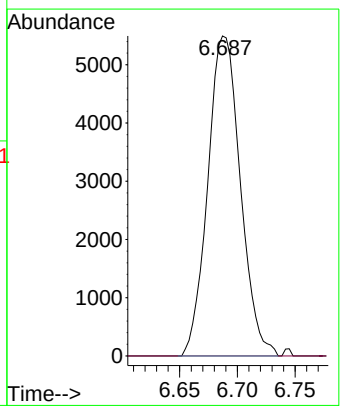


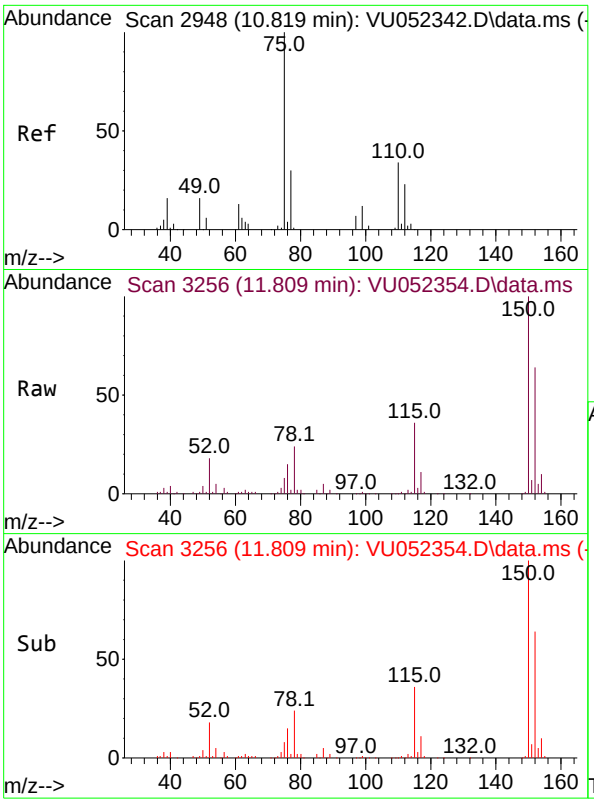


#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Tgt Ion: 63 Resp: 10809

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#61
1,2,3-Trichloropropane
Concen: 1.020 ug/L
RT: 11.809 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU052354.D
Acq: 12 Dec 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 12783

Ion	Ratio	Lower	Upper
75	100		
110	1.8	28.3	42.5#
77	30.7	26.2	39.2