Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
Data File : VU055126.D
Acq On : 06 Sep 2023 04:38
Operator : MD/SY
Sample : 04267-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 06 05:28:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188562	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	196816	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33713	3.815	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.200%			
7) Chloroethane-d5	1.907	69	42807	4.185	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.600%			
11) 1,1-Dichloroethene-d2	2.560	65	21435	4.257	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.200%			
20) 2-Butanone-d5	4.624	46	134519	52.452	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.900%			
24) Chloroform-d	5.062	84	106676	4.549	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
26) 1,2-Dichloroethane-d4	5.701	65	56493	4.815	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	5.727	84	212920	4.383	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.600%			
36) 1,2-Dichloropropane-d6	6.689	67	70501	4.563	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.200%			
41) Toluene-d8	7.898	98	184295	4.118	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.400%			
43) trans-1,3-Dichloroprop...	8.180	79	16416	3.858	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.200%			
46) 2-Hexanone-d5	8.634	63	81927	47.423	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.840%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51904	4.776	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.600%			
66) 1,2-Dichlorobenzene-d4	12.193	152	67735	4.689	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	1609	0.147	ug/L #	80
3) Chloromethane	1.515	50	2383	0.214	ug/L	100
5) Vinyl chloride	1.599	62	1340	0.114	ug/L #	33
12) 1,1-Dichloroethene	2.576	96	7168	0.822	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	4070	0.178	ug/L #	87
19) 1,1-Dichloroethane	3.866	63	6322	0.331	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	113775	10.509	ug/L	99
25) Chloroform	5.084	83	31720	1.593	ug/L	98
34) Trichloroethene	6.541	95	140905	12.104	ug/L	98
35) Methylcyclohexane	6.689	83	16062	0.983	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	8318	0.729	ug/L #	88
47) Tetrachloroethene	8.553	164	2000	0.249	ug/L	88
48) 2-Hexanone	8.688	43	15882	3.117	ug/L #	92
49) Dibromochloromethane	8.557	129	2217	0.264	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	13875	2.113	ug/L #	71

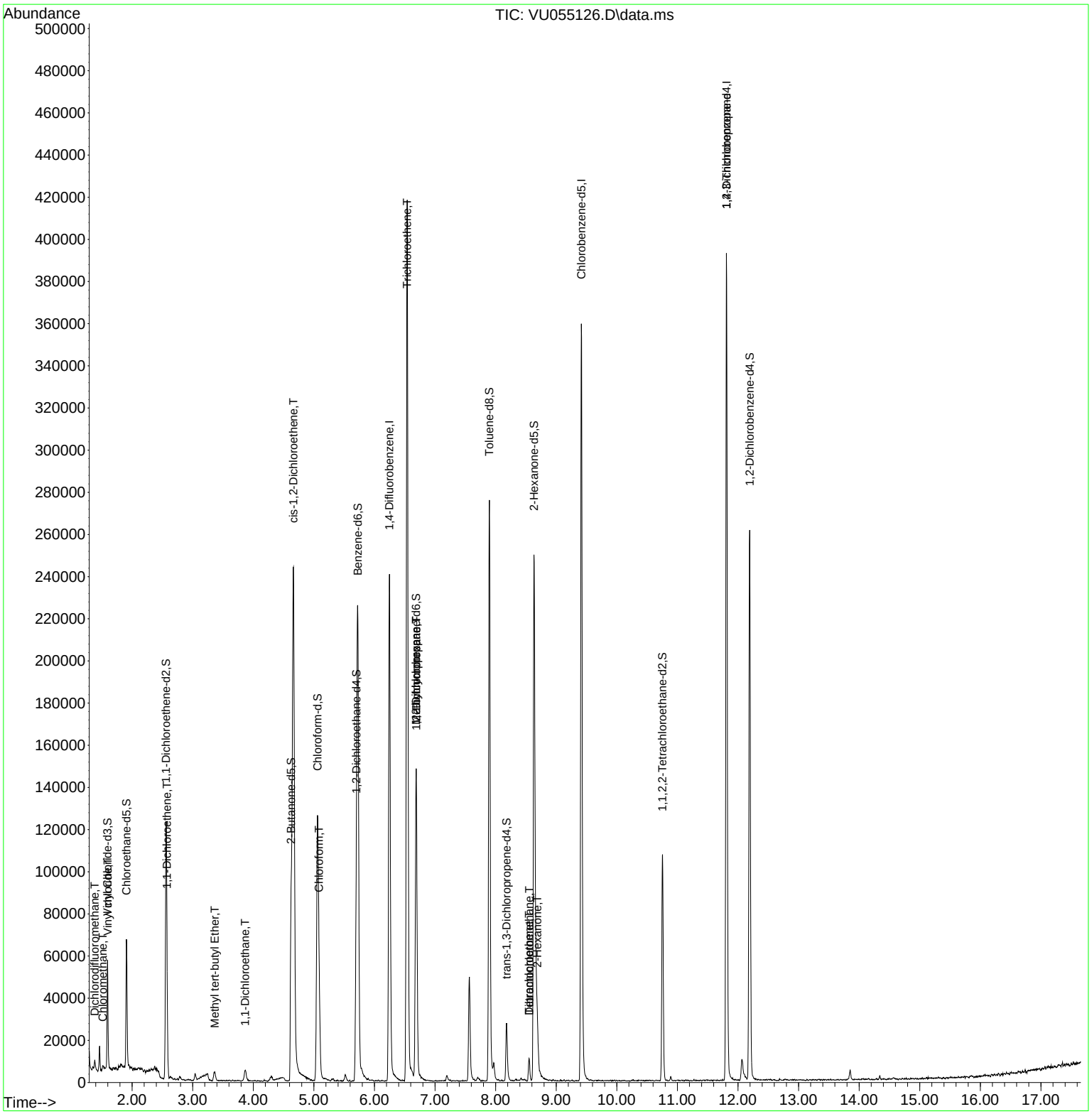
(#) = qualifier out of range (m) = manual integration (+) = signals summed

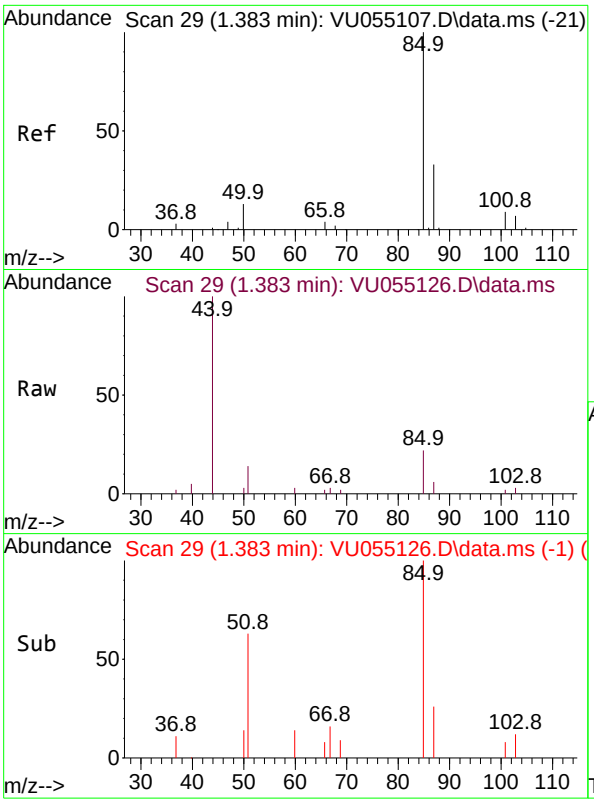
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
Data File : VU055126.D
Acq On : 06 Sep 2023 04:38
Operator : MD/SY
Sample : 04267-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 06 05:28:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration



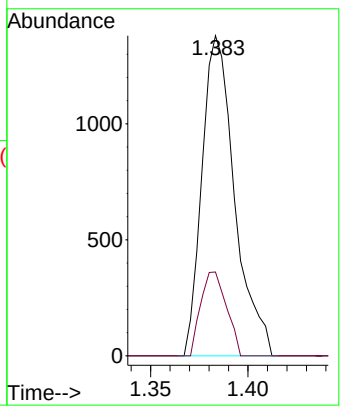


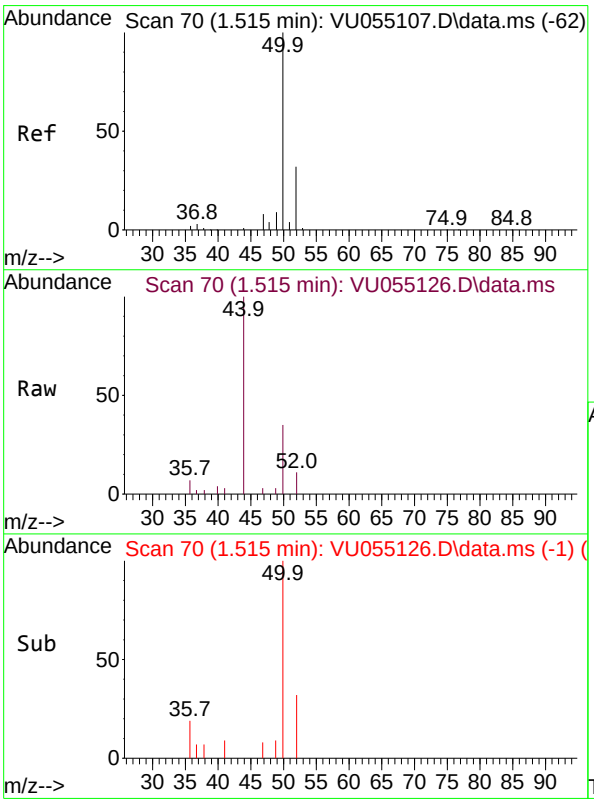
#2
Dichlorodifluoromethane
Concen: 0.147 ug/L
RT: 1.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 1609

Ion	Ratio	Lower	Upper
85	100		
87	20.6	25.1	37.7#

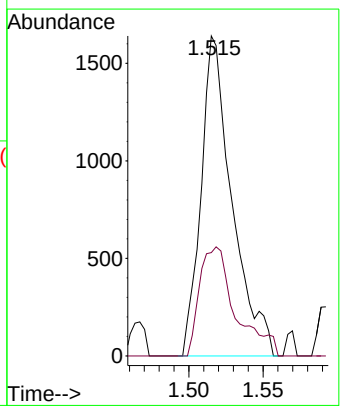


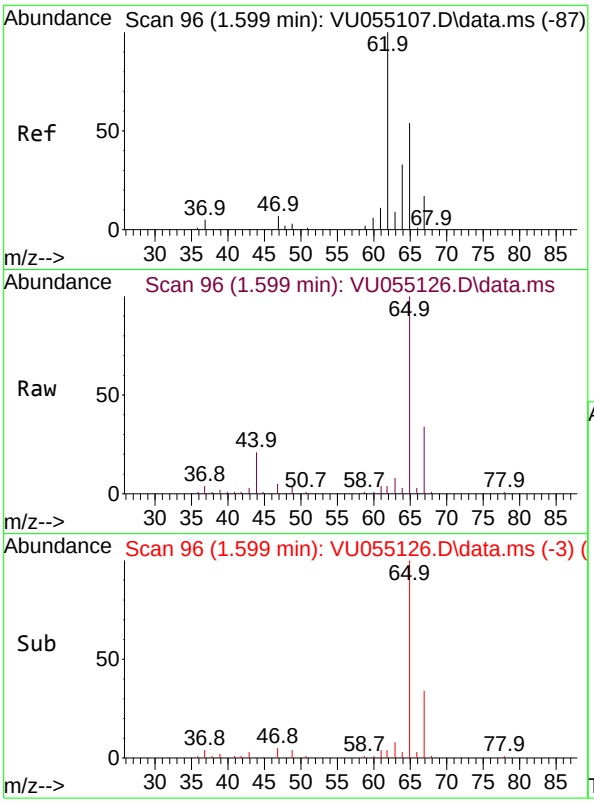


#3
Chloromethane
Concen: 0.214 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Tgt Ion: 50 Resp: 2383

Ion	Ratio	Lower	Upper
50	100		
52	32.3	22.5	41.7



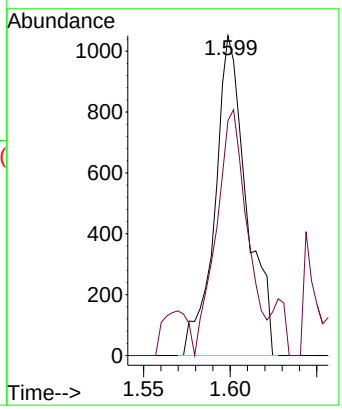


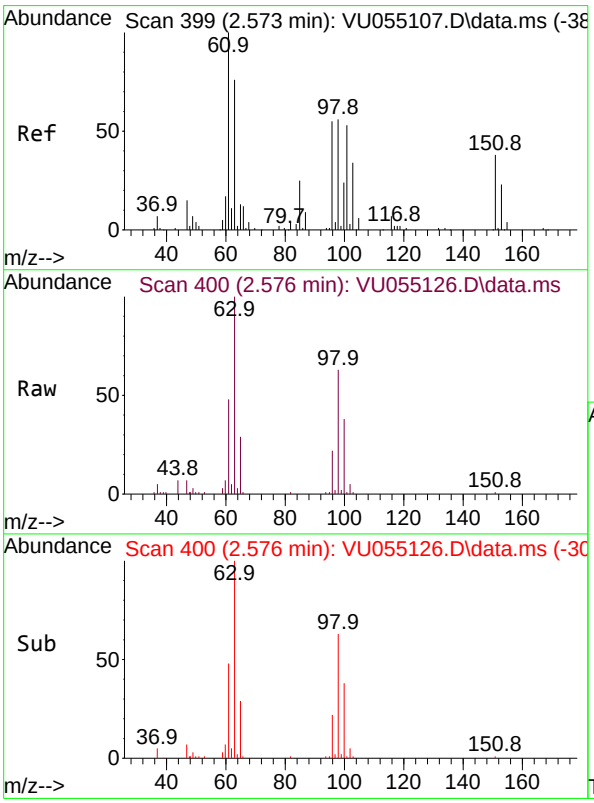
#5
Vinyl chloride
Concen: 0.114 ug/L
RT: 1.599 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1340

Ion	Ratio	Lower	Upper
62	100		
64	73.5	24.2	45.0#

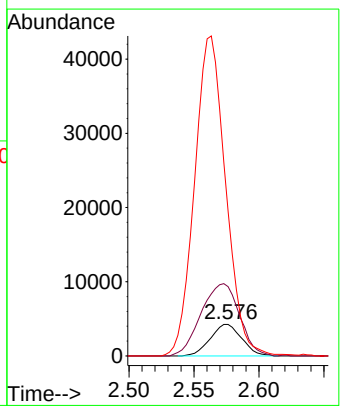


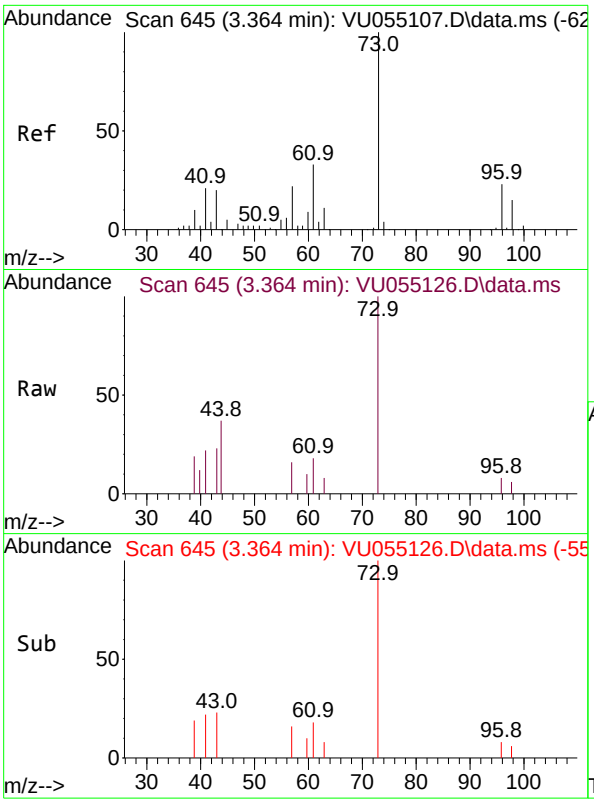


#12
1,1-Dichloroethene
Concen: 0.822 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Tgt Ion: 96 Resp: 7168

Ion	Ratio	Lower	Upper
96	100		
61	219.3	120.8	224.4
63	457.2	94.5	175.5#



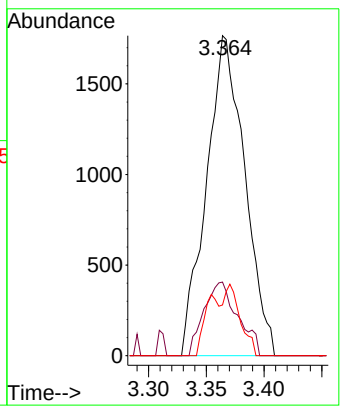


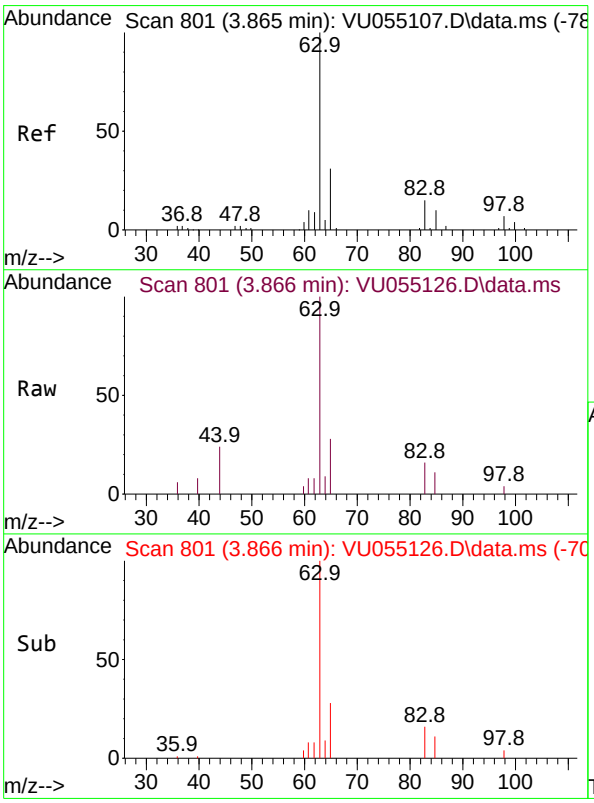
#17
Methyl tert-butyl Ether
Concen: 0.178 ug/L
RT: 3.364 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 4070

Ion	Ratio	Lower	Upper
73	100		
43	20.4	16.2	24.2
57	10.2	17.4	26.2#

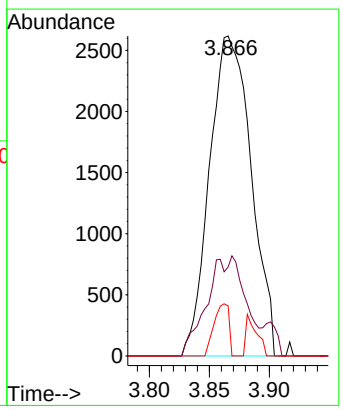


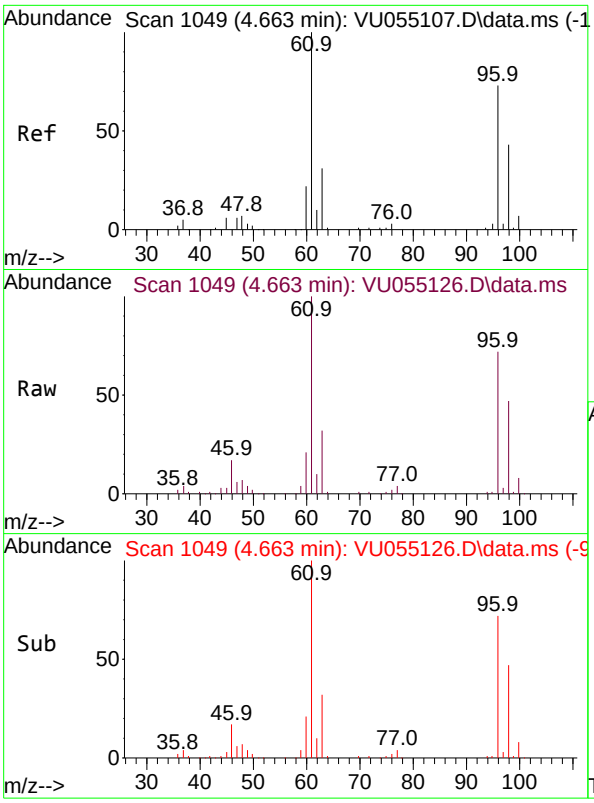


#19
1,1-Dichloroethane
Concen: 0.331 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Tgt Ion: 63 Resp: 6322

Ion	Ratio	Lower	Upper
63	100		
65	27.8	22.2	41.2
83	15.7	10.6	19.8



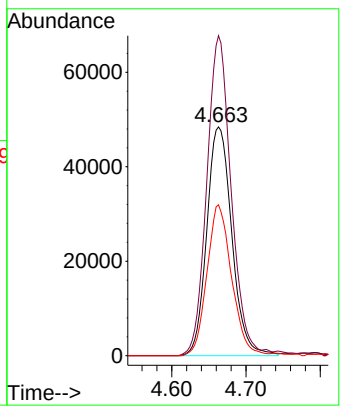


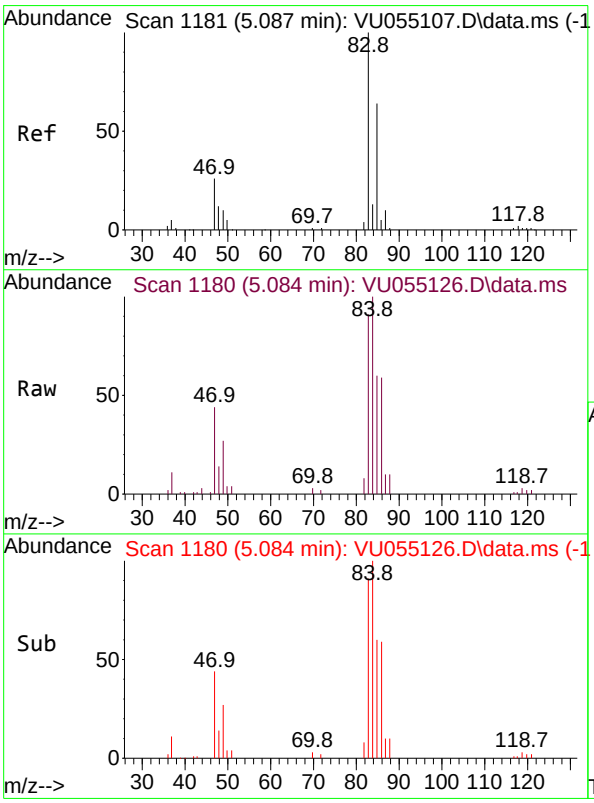
#22
cis-1,2-Dichloroethene
Concen: 10.509 ug/L
RT: 4.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 113775

Ion	Ratio	Lower	Upper
96	100		
61	139.9	97.2	180.4
98	65.9	46.1	85.7

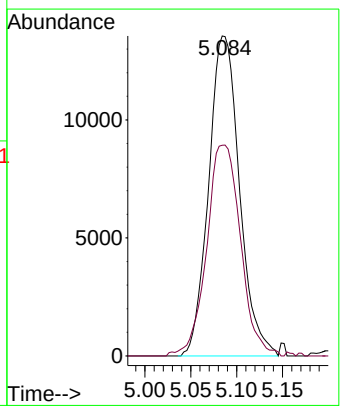


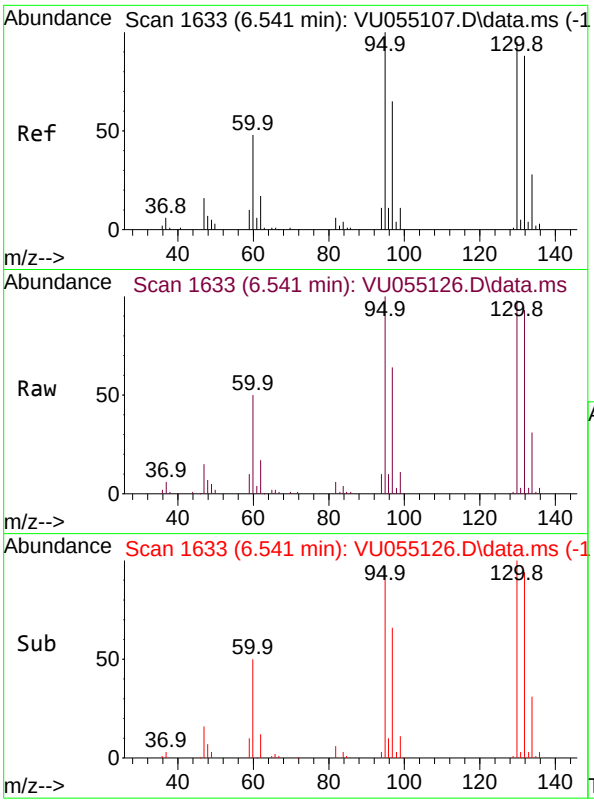


#25
Chloroform
Concen: 1.593 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Tgt Ion: 83 Resp: 31720

Ion	Ratio	Lower	Upper
83	100		
85	65.8	47.2	87.6



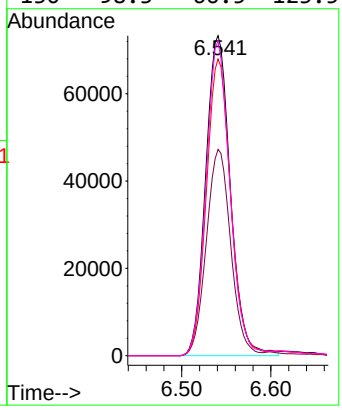


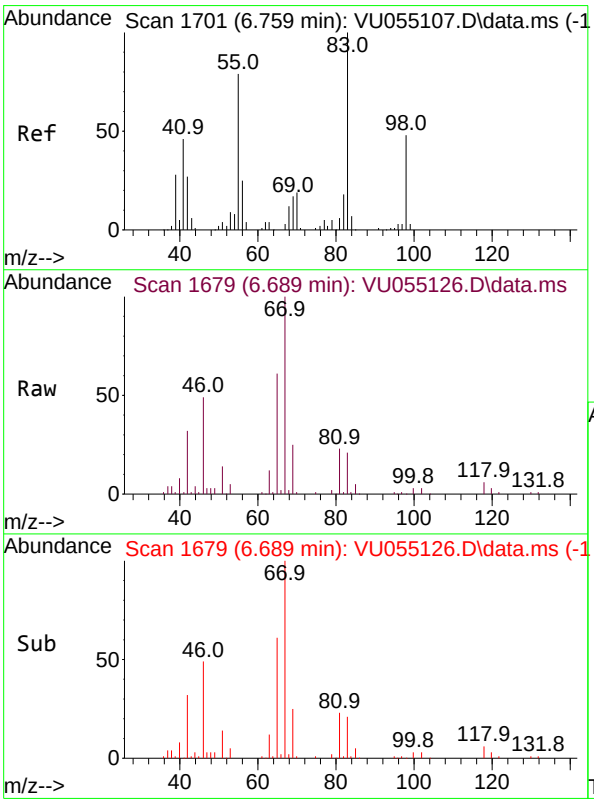
#34
Trichloroethene
Concen: 12.104 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 140905

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.7	83.1
132	92.7	66.6	123.6
130	98.3	66.5	123.5

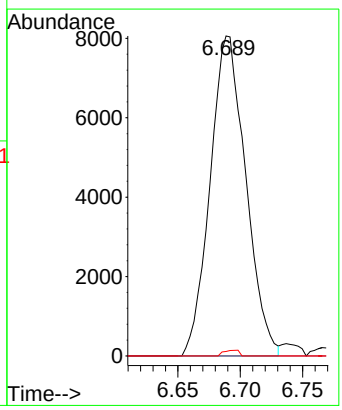


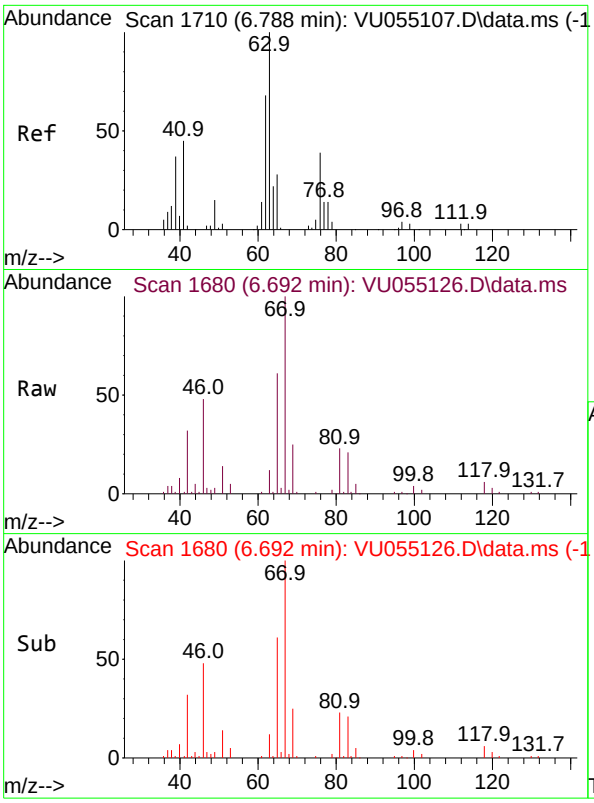


#35
Methylcyclohexane
Concen: 0.983 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Tgt Ion: 83 Resp: 16062

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	0.0	35.3	52.9#



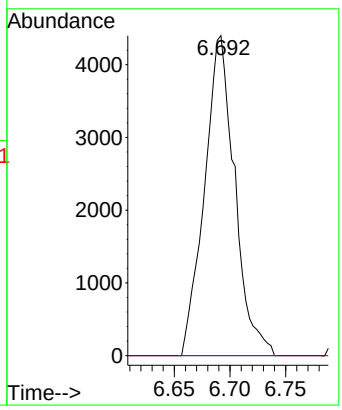


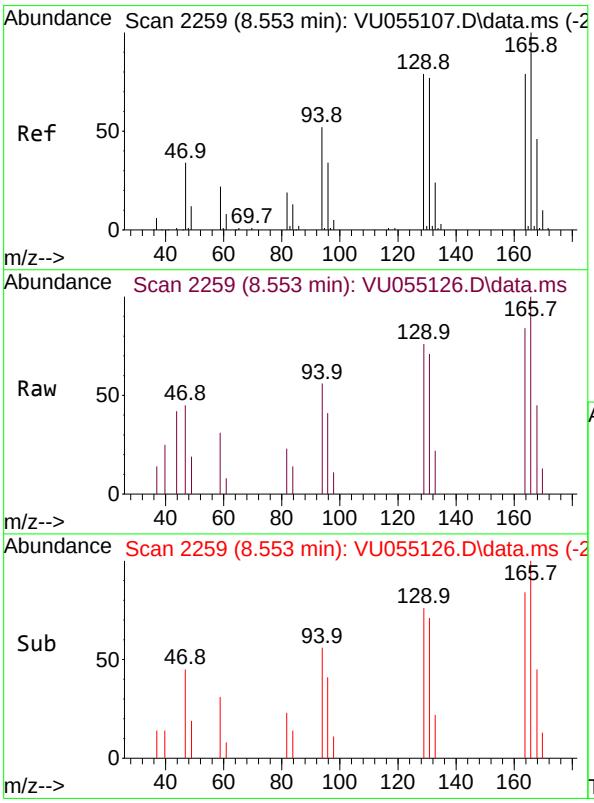
#37
1,2-Dichloropropane
Concen: 0.729 ug/L
RT: 6.692 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8318

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

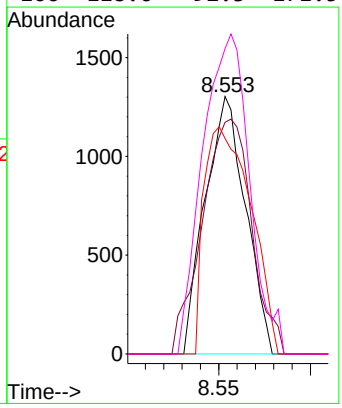


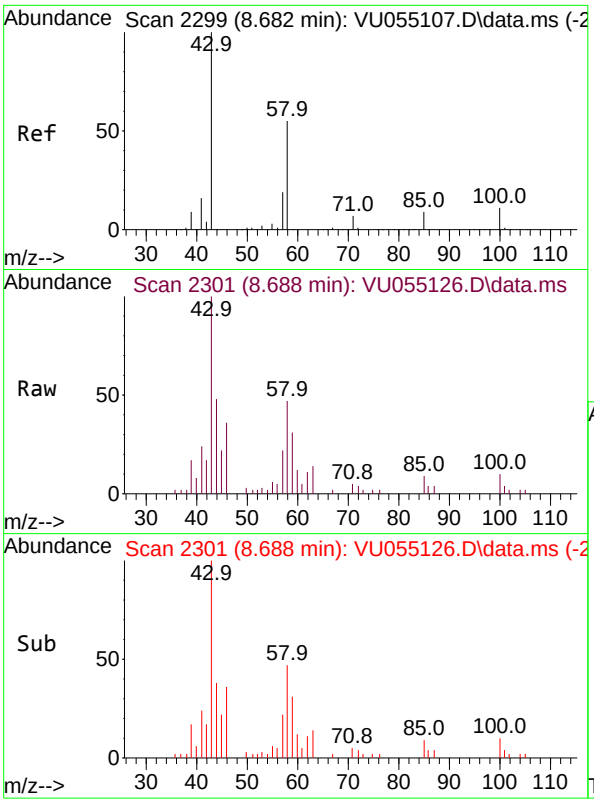


#47
Tetrachloroethene
Concen: 0.249 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Tgt Ion:164 Resp: 2000

Ion	Ratio	Lower	Upper
164	100		
129	90.0	69.2	128.6
131	83.7	68.8	127.8
166	118.6	92.3	171.5



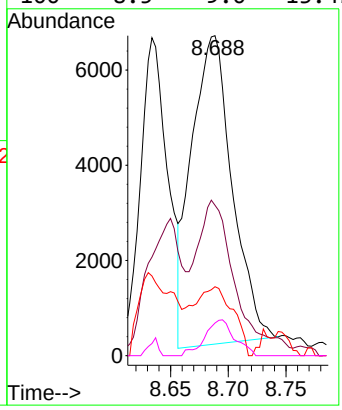


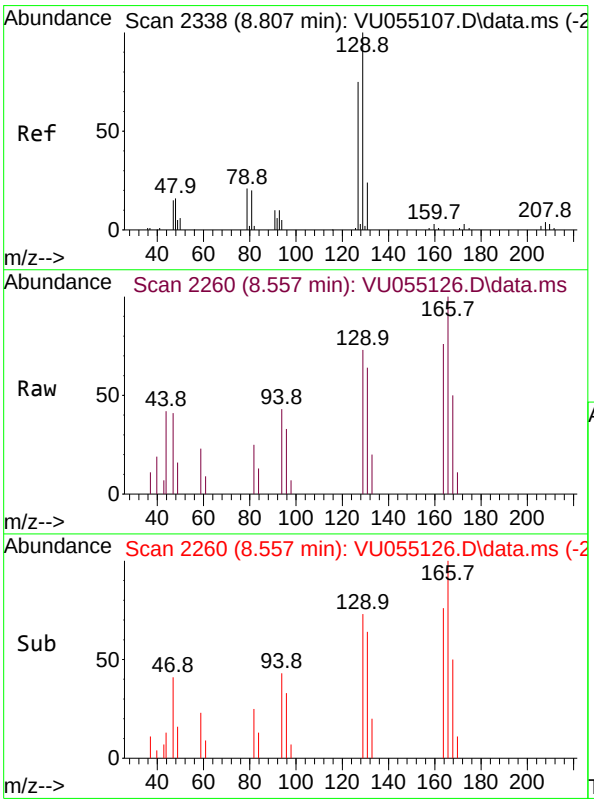
#48
2-Hexanone
Concen: 3.117 ug/L
RT: 8.688 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 15882

Ion	Ratio	Lower	Upper
43	100		
58	47.4	44.0	66.0
57	18.7	16.2	24.2
100	8.5	9.0	13.4#

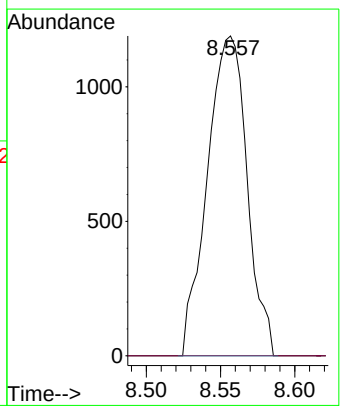


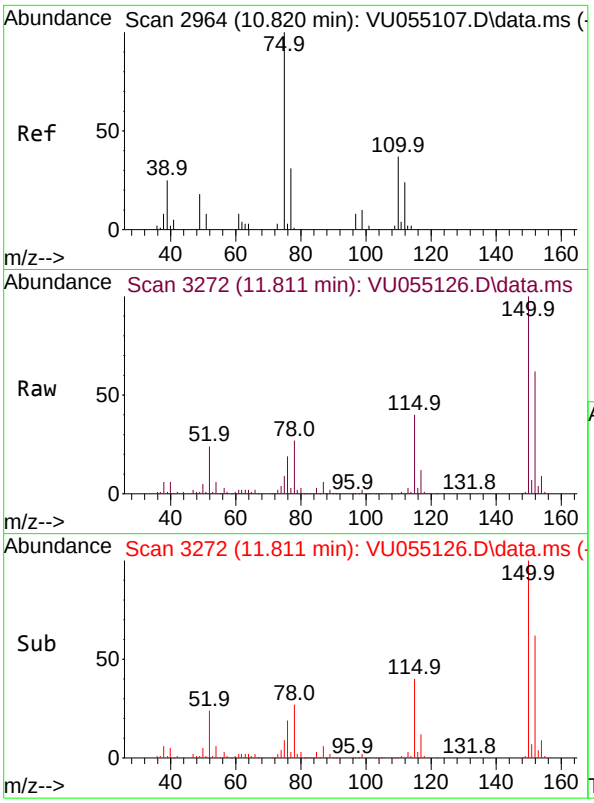


#49
Dibromochloromethane
Concen: 0.264 ug/L
RT: 8.557 min Scan# 2260
Delta R.T. -0.251 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Tgt Ion:129 Resp: 2217

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.9	103.7#





#61
1,2,3-Trichloropropane
Concen: 2.113 ug/L
RT: 11.811 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 13875

Ion	Ratio	Lower	Upper
75	100		
110	2.8	28.2	42.2#
77	32.4	26.2	39.4