Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052720.D
Acq On : 17 Jan 2023 14:46
Operator : JC/MD
Sample : 01138-13 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 18 01:18:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 18 01:16:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	121957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	121388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	54584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49558	4.625	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.600%			
7) Chloroethane-d5	1.912	69	44326	5.078	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.600%			
11) 1,1-Dichloroethene-d2	2.565	65	24115	5.111	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.200%			
20) 2-Butanone-d5	4.636	46	131412	45.871	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.740%			
24) Chloroform-d	5.060	84	106352	5.321	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.400%			
26) 1,2-Dichloroethane-d4	5.697	65	54998	5.358	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.200%			
32) Benzene-d6	5.722	84	210650	5.354	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.000%			
36) 1,2-Dichloropropane-d6	6.684	67	67581	5.155	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.000%			
41) Toluene-d8	7.893	98	171617	4.947	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
43) trans-1,3-Dichloroprop...	8.176	79	23624	4.845	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.000%			
46) 2-Hexanone-d5	8.632	63	97607	48.192	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.380%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	48428	4.824	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.400%			
66) 1,2-Dichlorobenzene-d4	12.188	152	59995	6.038	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.800%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	8429	0.554	ug/L #	79
14) Carbon disulfide	2.793	76	9142	0.250	ug/L	97
16) Methylene chloride	3.044	84	5734	0.408	ug/L	75
19) 1,1-Dichloroethane	3.870	63	11266	0.503	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	12828	1.108	ug/L	95
35) Methylcyclohexane	6.684	83	16257	0.866	ug/L #	15
45) 1,1,2-Trichloroethane	8.272	97	1437	0.177	ug/L #	12
48) 2-Hexanone	8.632	43	15012	2.780	ug/L #	80
61) 1,2,3-Trichloropropane	11.806	75	6102	0.962	ug/L #	63

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

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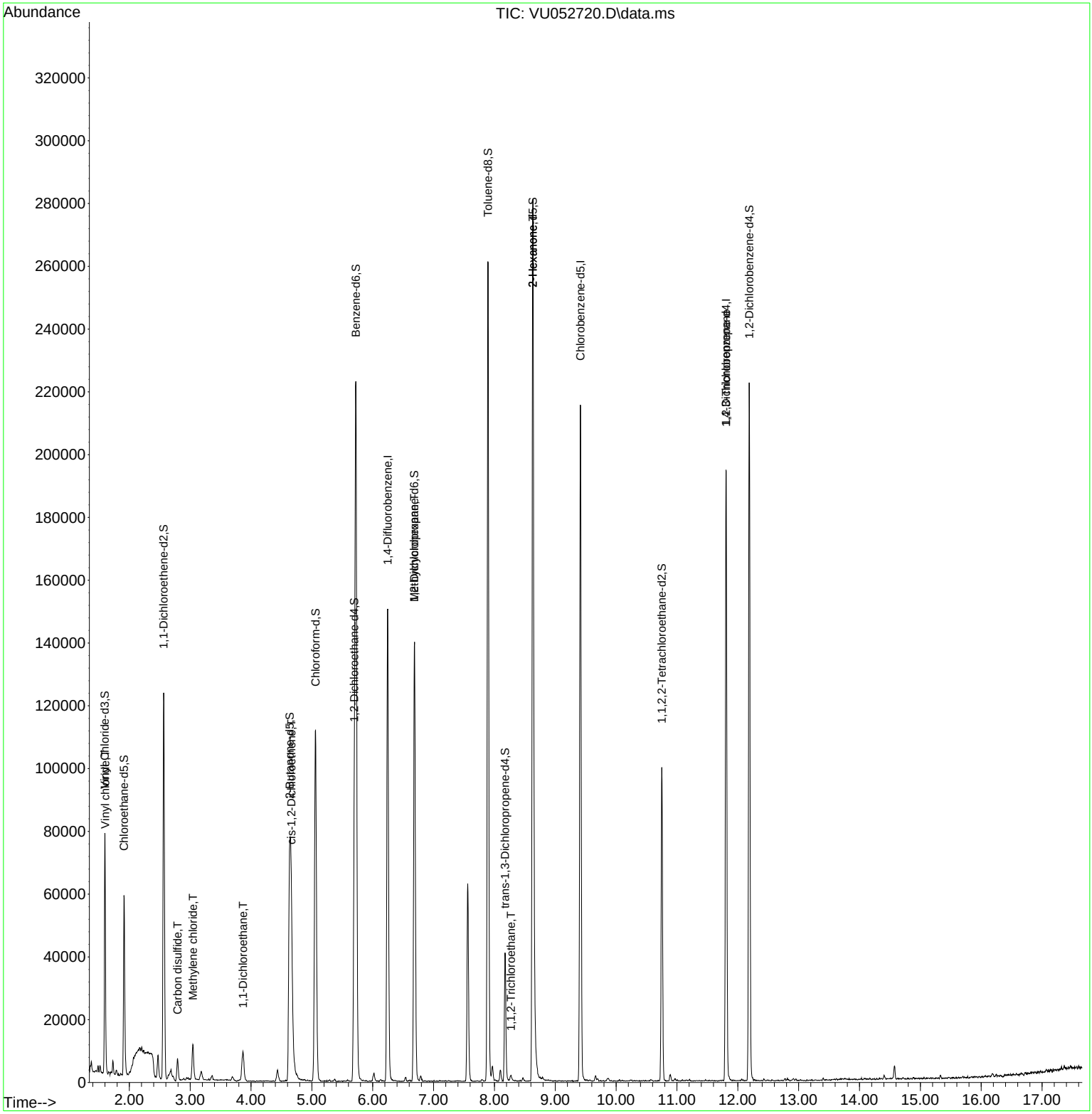
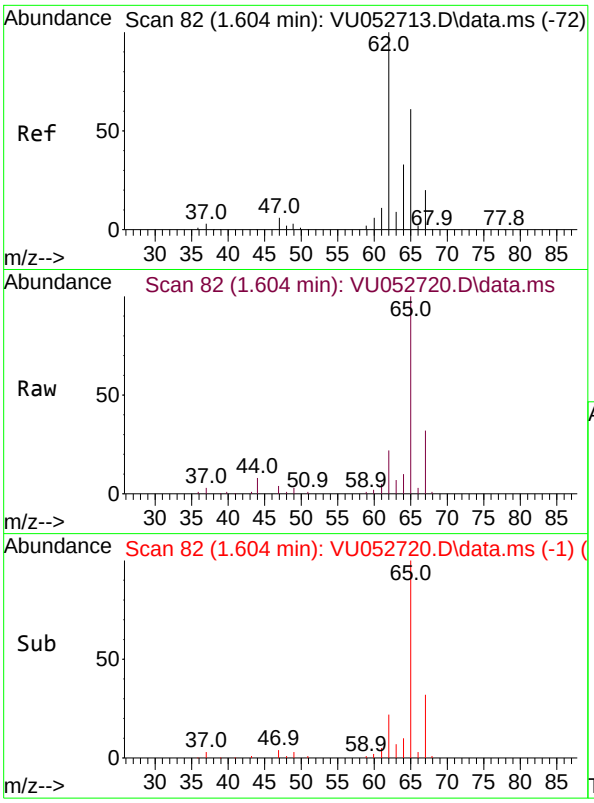
Quant Time: Jan 18 01:18:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 18 01:16:13 2023
Response via : Initial Calibration



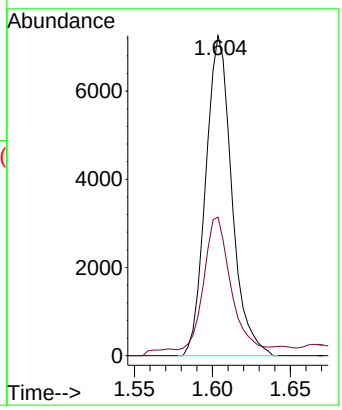


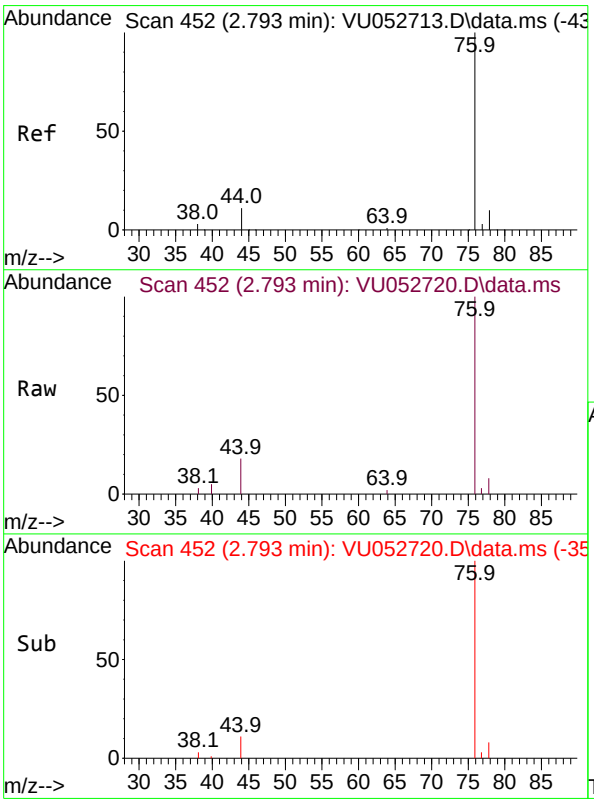
#5
Vinyl chloride
Concen: 0.554 ug/L
RT: 1.604 min Scan# 8
Delta R.T. -0.000 min
Lab File: VU052720.D
Acq: 17 Jan 2023 14:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 8429

Ion	Ratio	Lower	Upper
62	100		
64	43.3	22.3	41.3#

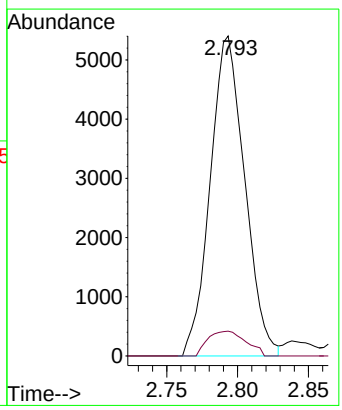


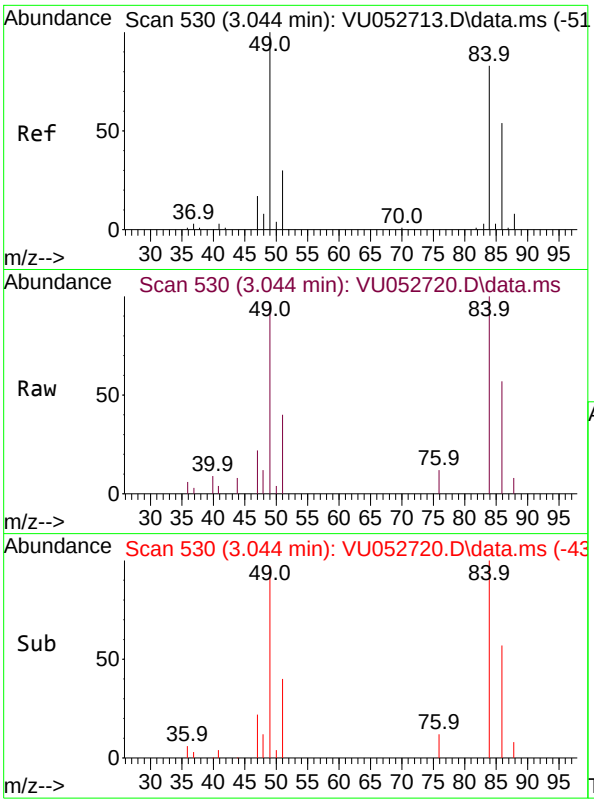


#14
Carbon disulfide
Concen: 0.250 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU052720.D
Acq: 17 Jan 2023 14:46

Tgt Ion: 76 Resp: 9142

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.0	10.6



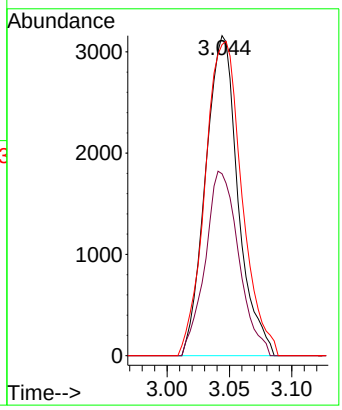


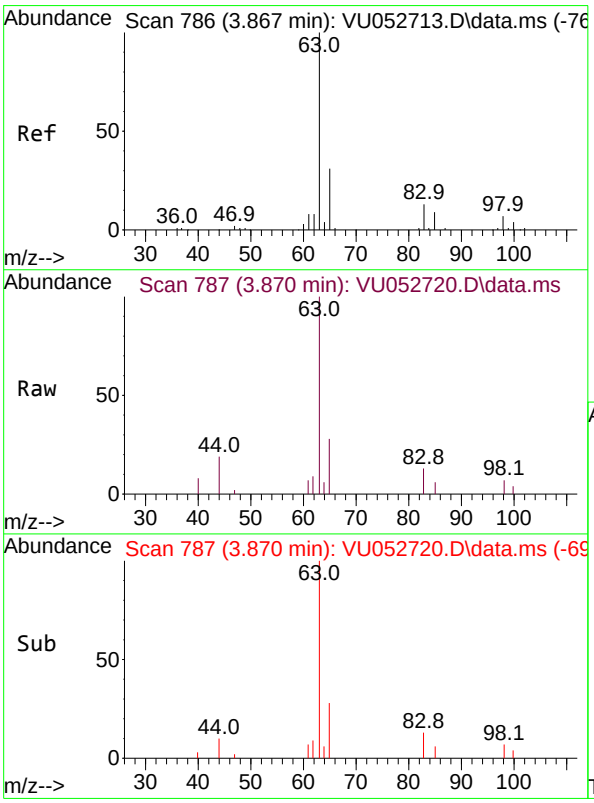
#16
Methylene chloride
Concen: 0.408 ug/L
RT: 3.044 min Scan# 5
Delta R.T. -0.000 min
Lab File: VU052720.D
Acq: 17 Jan 2023 14:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 5734

Ion	Ratio	Lower	Upper
84	100		
86	56.8	45.6	84.6
49	97.2	94.8	176.0

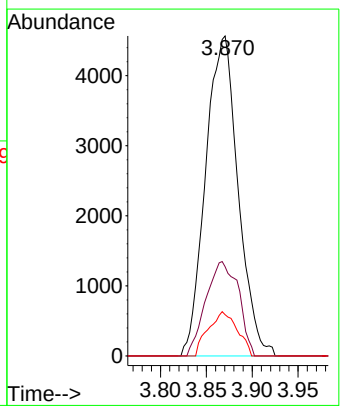


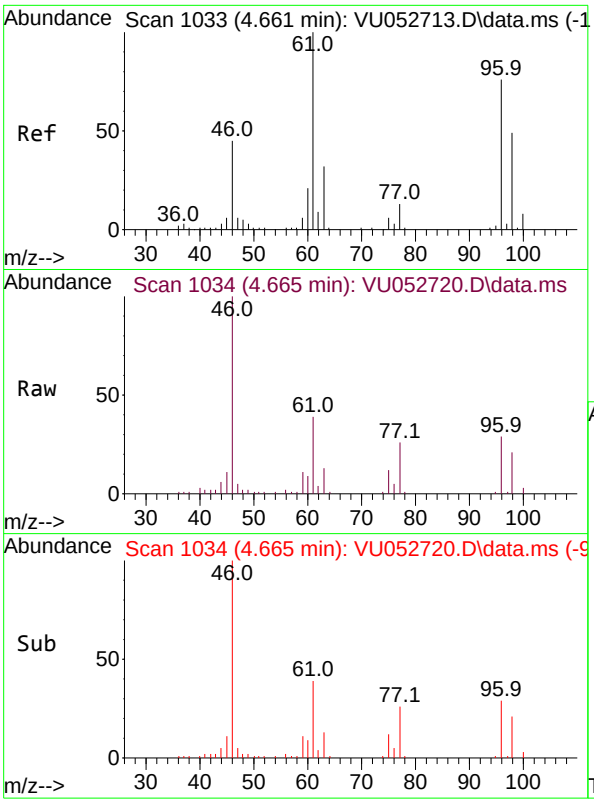


#19
1,1-Dichloroethane
Concen: 0.503 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU052720.D
Acq: 17 Jan 2023 14:46

Tgt Ion: 63 Resp: 11266

Ion	Ratio	Lower	Upper
63	100		
65	27.9	22.0	41.0
83	12.9	8.9	16.5



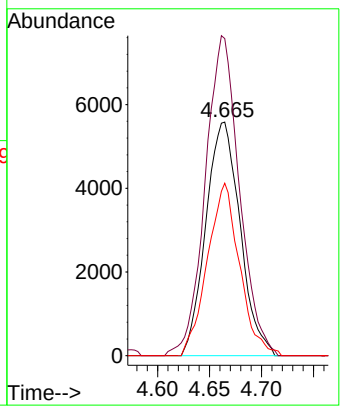


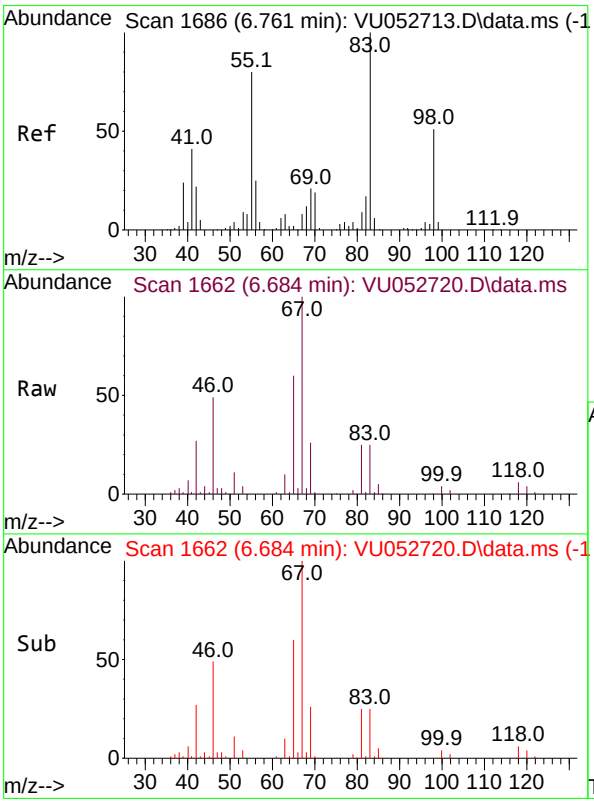
#22
cis-1,2-Dichloroethene
Concen: 1.108 ug/L
RT: 4.665 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052720.D
Acq: 17 Jan 2023 14:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 12828

Ion	Ratio	Lower	Upper
96	100		
61	135.8	94.6	175.8
98	73.8	43.3	80.3

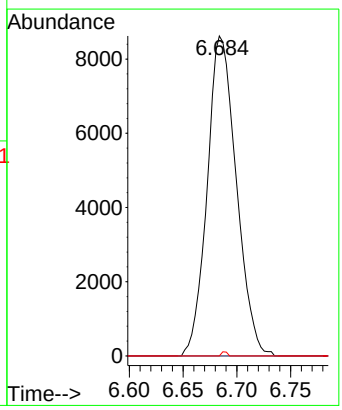


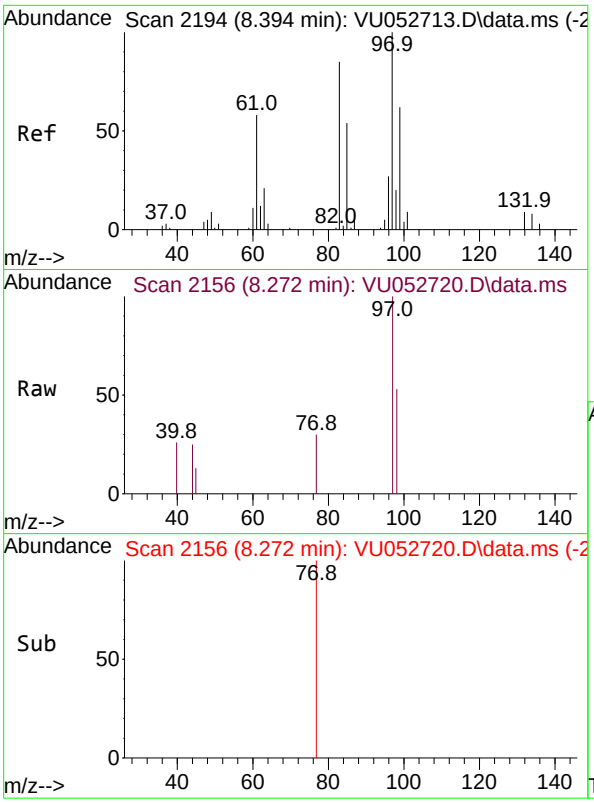


#35
Methylcyclohexane
Concen: 0.866 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU052720.D
Acq: 17 Jan 2023 14:46

Tgt Ion: 83 Resp: 16257

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.6	101.4#
98	0.3	37.1	55.7#



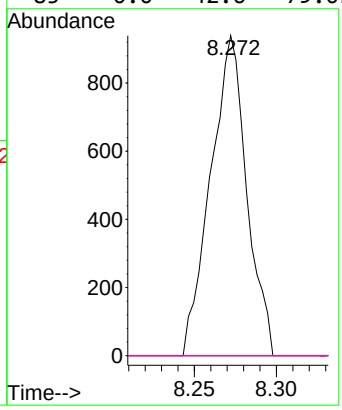


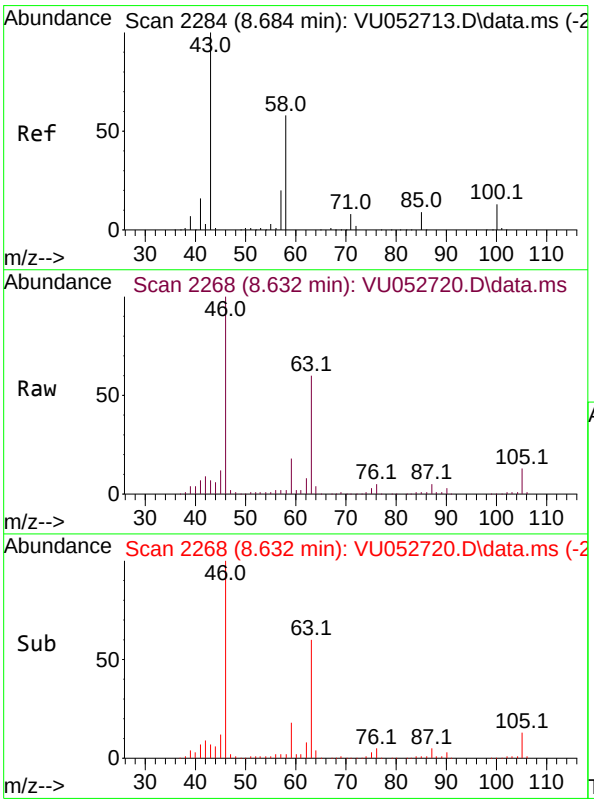
#45
1,1,2-Trichloroethane
Concen: 0.177 ug/L
RT: 8.272 min Scan# 2
Delta R.T. -0.122 min
Lab File: VU052720.D
Acq: 17 Jan 2023 14:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1437

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.8	83.2#
83	0.0	65.3	121.3#
85	0.0	42.6	79.0#

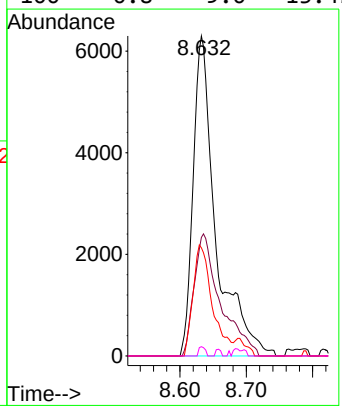


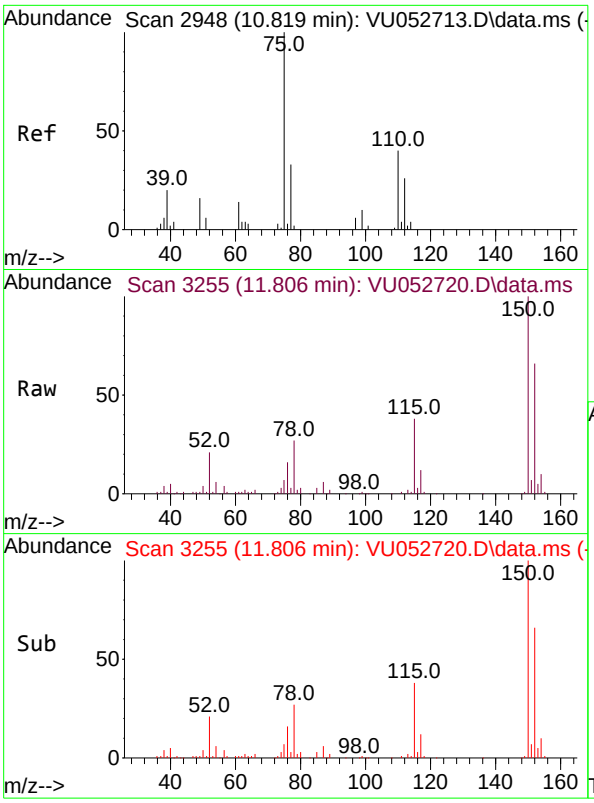


#48
2-Hexanone
Concen: 2.780 ug/L
RT: 8.632 min Scan# 2268
Delta R.T. -0.052 min
Lab File: VU052720.D
Acq: 17 Jan 2023 14:46

Tgt Ion: 43 Resp: 15012

Ion	Ratio	Lower	Upper
43	100		
58	44.0	45.1	67.7#
57	29.6	15.1	22.7#
100	0.8	9.0	13.4#





#61
1,2,3-Trichloropropane
Concen: 0.962 ug/L
RT: 11.806 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU052720.D
Acq: 17 Jan 2023 14:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6102

Ion	Ratio	Lower	Upper
75	100		
110	0.0	27.2	40.8#
77	36.3	24.0	36.0#