Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
Data File : VU052987.D
Acq On : 06 Feb 2023 18:19
Operator : JC/MD
Sample : 01444-09 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0M13

Quant Time: Feb 07 01:09:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Feb 05 21:58:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.244	114	166936	5.000 ug/L	0.00
28) Chlorobenzene-d5	9.414	117	161534	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73164	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.597	65	48184	3.285 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.800%		
7) Chloroethane-d5	1.913	69	46733	3.911 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.200%		
11) 1,1-Dichloroethene-d2	2.559	65	26676	4.130 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.600%		
20) 2-Butanone-d5	4.646	46	123128	31.399 ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 62.800%		
24) Chloroform-d	5.057	84	112149	4.099 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.000%		
26) 1,2-Dichloroethane-d4	5.697	65	55719	3.966 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.400%		
32) Benzene-d6	5.723	84	224831	4.294 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%		
36) 1,2-Dichloropropane-d6	6.684	67	67920	3.893 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.800%		
41) Toluene-d8	7.893	98	181078	3.923 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%		
43) trans-1,3-Dichloroprop...	8.173	79	21741	3.351 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 67.000%		
46) 2-Hexanone-d5	8.645	63	92829	34.442 ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 68.880%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	54878	4.108 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.200%		
66) 1,2-Dichlorobenzene-d4	12.189	152	68404	5.136 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.800%		
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.575	96	3781	0.261 ug/L #	1
15) Methyl Acetate	3.186	43	1935	0.287 ug/L #	54
16) Methylene chloride	3.041	84	12583	0.653 ug/L	81
18) trans-1,2-Dichloroethene	3.347	96	4316	0.292 ug/L	76
22) cis-1,2-Dichloroethene	4.662	96	54035	3.409 ug/L	89
34) Trichloroethene	6.536	95	133633	8.836 ug/L	92
35) Methylcyclohexane	6.687	83	16762	0.671 ug/L #	16
37) 1,2-Dichloropropane	6.684	63	6664	0.388 ug/L #	90
48) 2-Hexanone	8.690	43	4840	0.674 ug/L #	90
61) 1,2,3-Trichloropropane	11.809	75	8119	0.955 ug/L #	65

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

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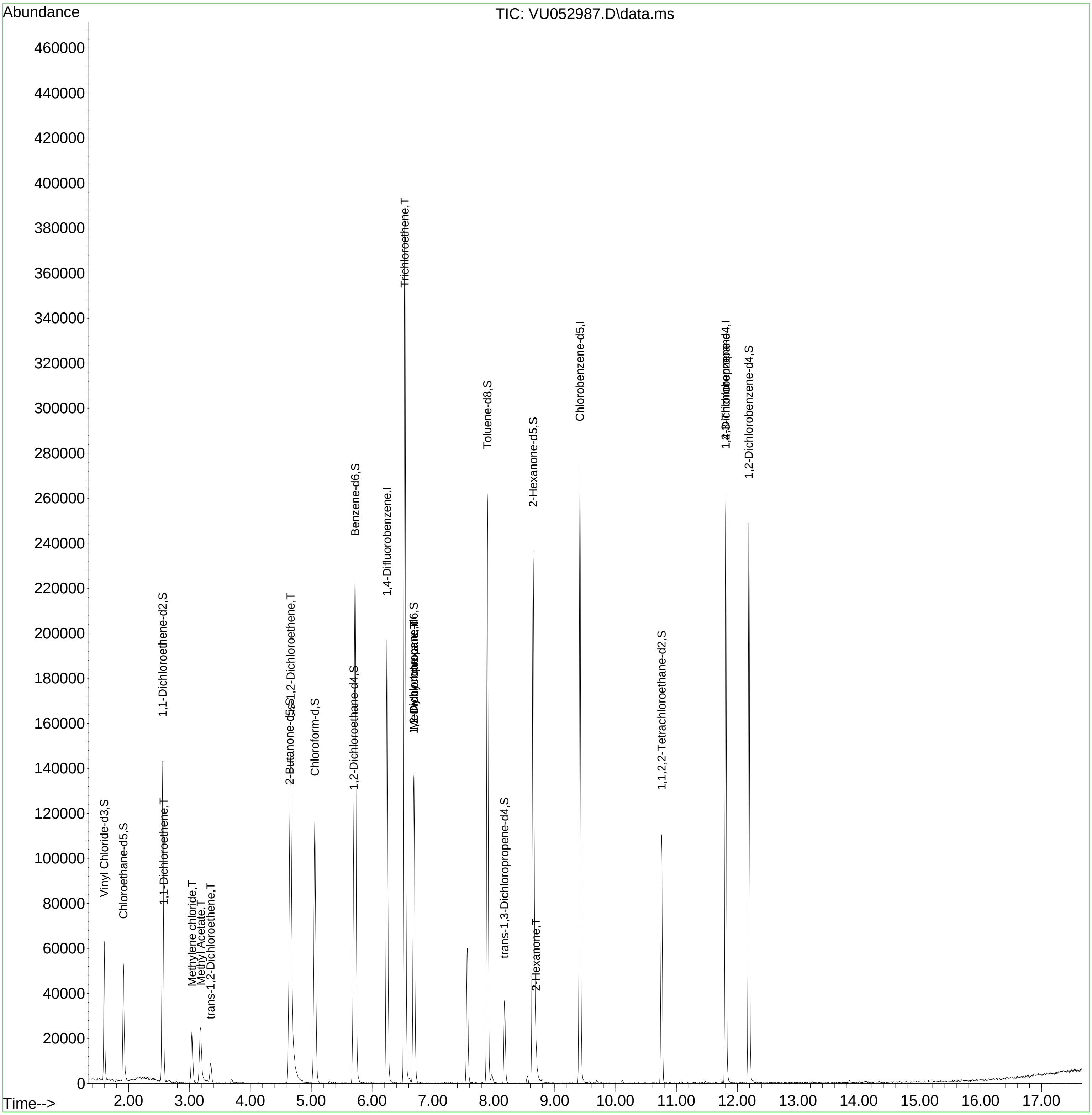
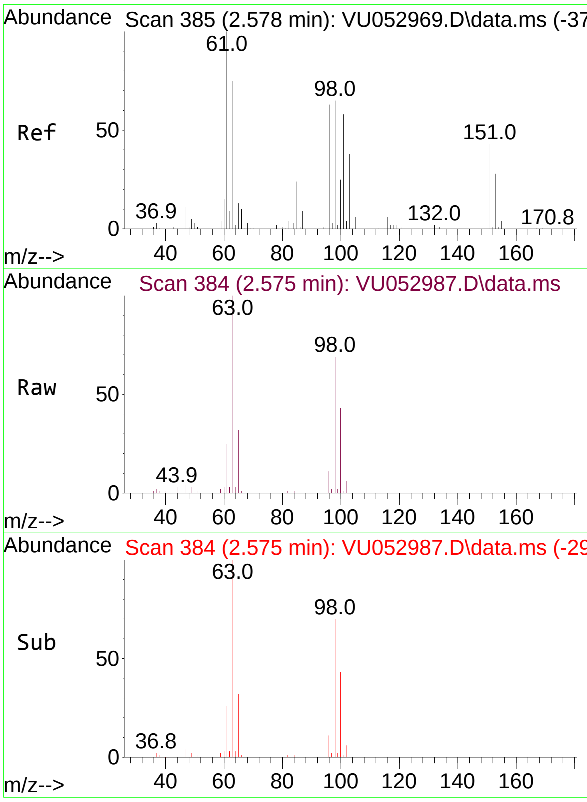
C0M13

Quant Time: Feb 07 01:09:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Feb 05 21:58:05 2023
Response via : Initial Calibration



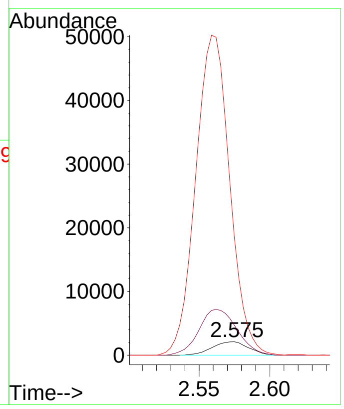


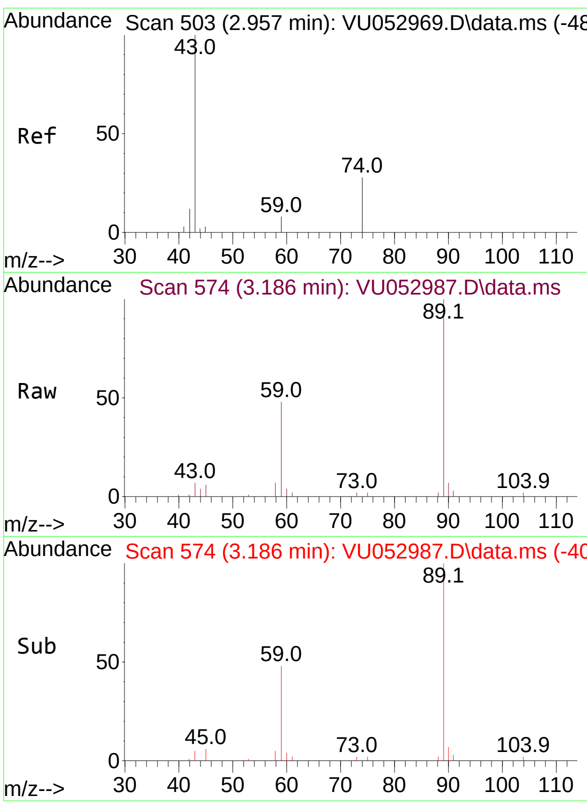
#12
1,1-Dichloroethene
Concen: 0.261 ug/L
RT: 2.575 min   Scan# 3
Delta R.T.   -0.003 min
Lab File: VU052987.D
Acq: 06 Feb 2023   18:19

Instrument :
MSVOA_U
ClientSampleId :
C0M13

Tgt Ion: 96 Resp: 3781

Ion	Ratio	Lower	Upper
96	100		
61	222.5	129.6	240.8
63	877.2	83.7	155.5#

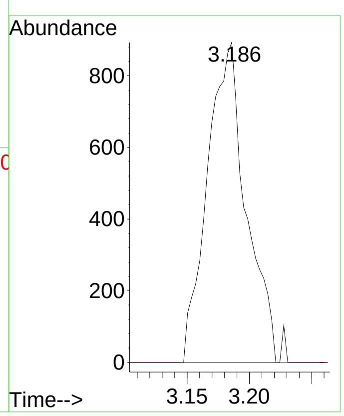


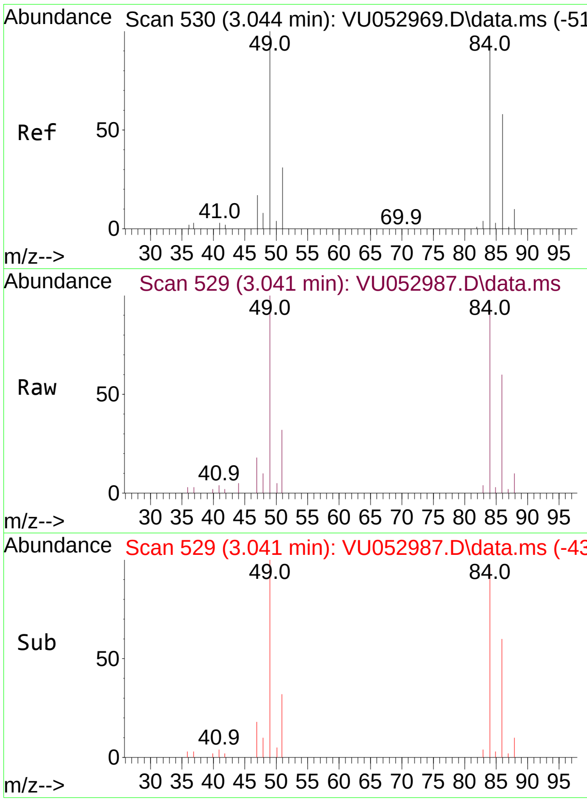


#15
Methyl Acetate
Concen: 0.287 ug/L
RT: 3.186 min   Scan# 574
Delta R.T.   0.232 min
Lab File: VU052987.D
Acq: 06 Feb 2023   18:19

Tgt Ion: 43 Resp: 1935

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.5	26.3#



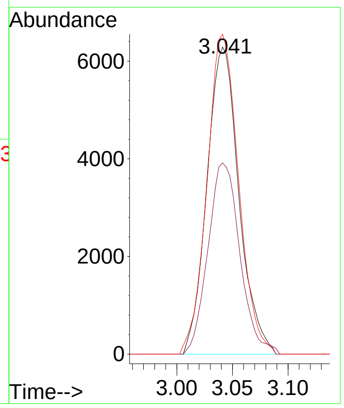


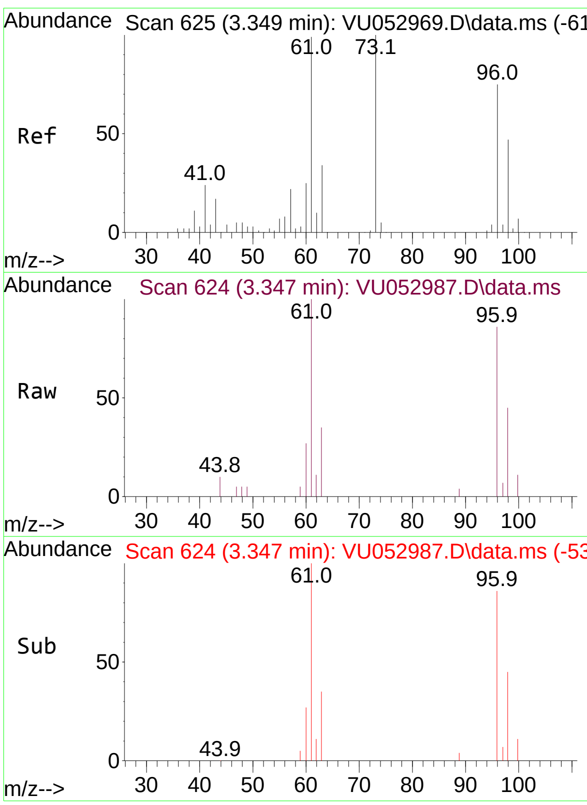
#16
Methylene chloride
Concen: 0.653 ug/L
RT: 3.041 min Scan# 5
Delta R.T. 0.000 min
Lab File: VU052987.D
Acq: 06 Feb 2023 18:19

Instrument :
MSVOA_U
ClientSampleId :
C0M13

Tgt Ion: 84 Resp: 12583

Ion	Ratio	Lower	Upper
84	100		
86	62.3	45.6	84.6
49	104.2	94.8	176.0

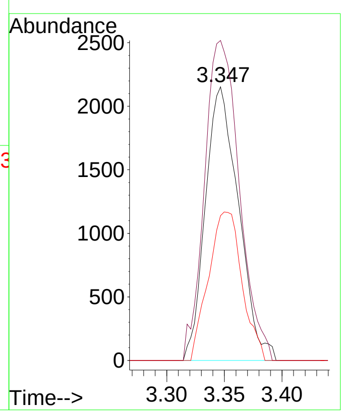


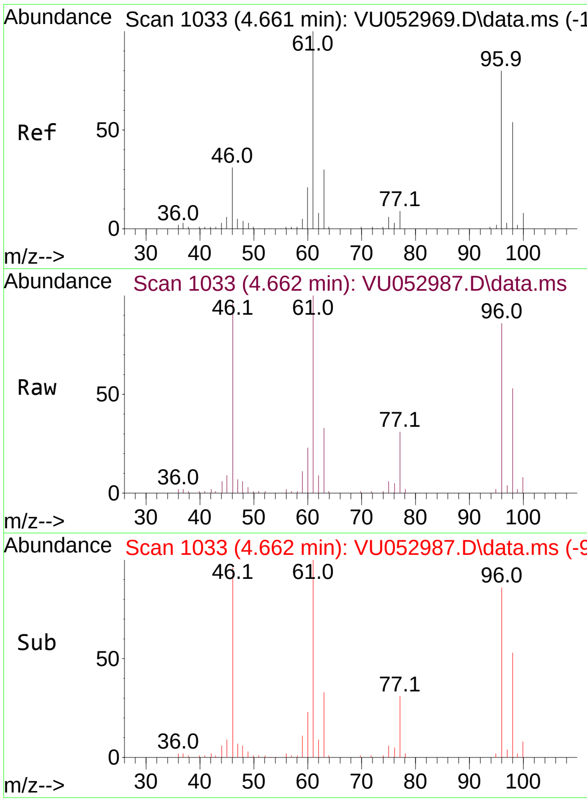


#18
trans-1,2-Dichloroethene
Concen: 0.292 ug/L
RT: 3.347 min Scan# 624
Delta R.T. -0.003 min
Lab File: VU052987.D
Acq: 06 Feb 2023 18:19

Tgt Ion: 96 Resp: 4316

Ion	Ratio	Lower	Upper
96	100		
61	117.0	108.4	201.4
98	52.9	43.8	81.4



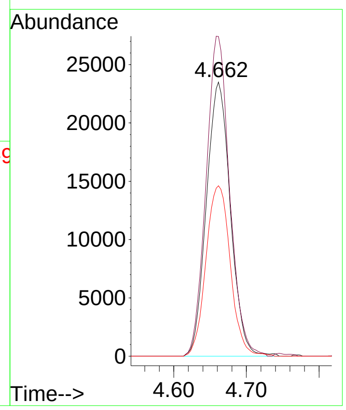


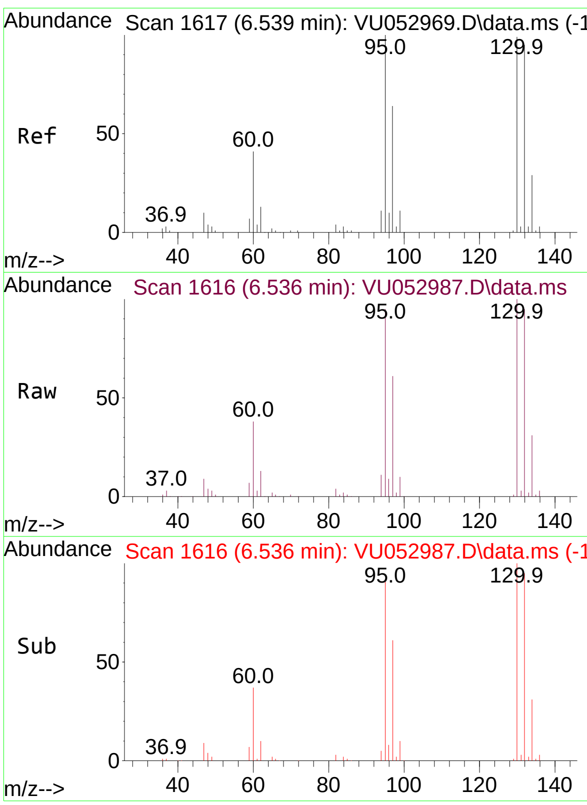
#22
cis-1,2-Dichloroethene
Concen: 3.409 ug/L
RT: 4.662 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052987.D
Acq: 06 Feb 2023 18:19

Instrument :
MSVOA_U
ClientSampleId :
C0M13

Tgt Ion: 96 Resp: 54035

Ion	Ratio	Lower	Upper
96	100		
61	116.6	94.6	175.8
98	62.2	43.3	80.3

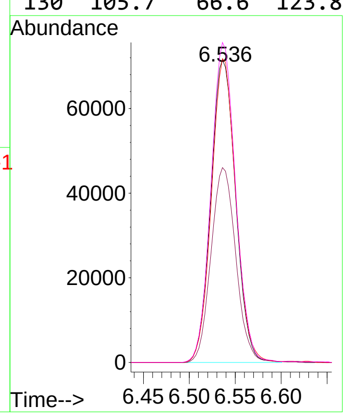


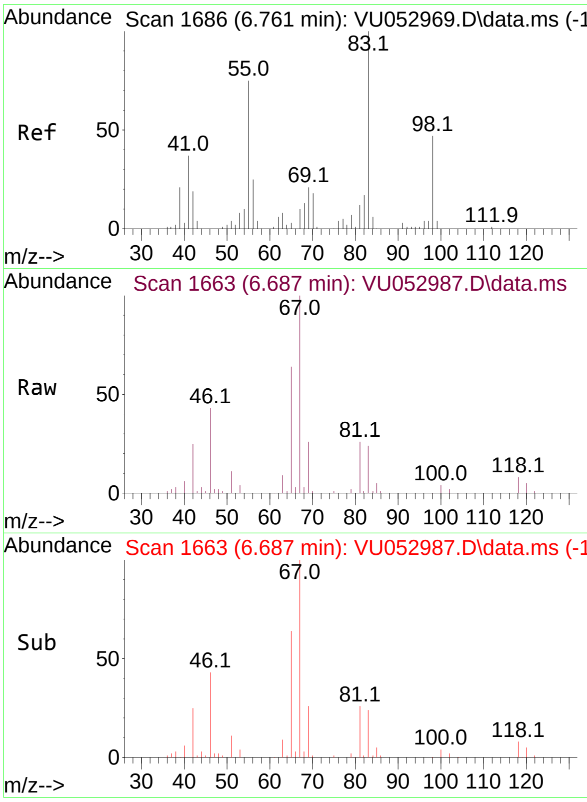


#34
Trichloroethene
Concen: 8.836 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU052987.D
Acq: 06 Feb 2023 18:19

Tgt Ion: 95 Resp: 133633

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.0	85.4
132	100.4	64.0	118.8
130	105.7	66.6	123.8



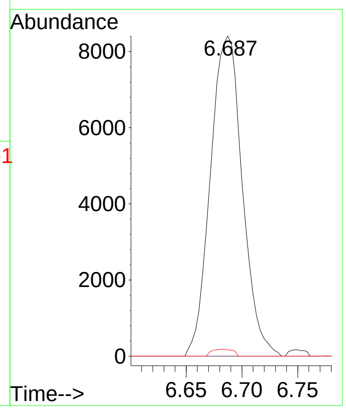


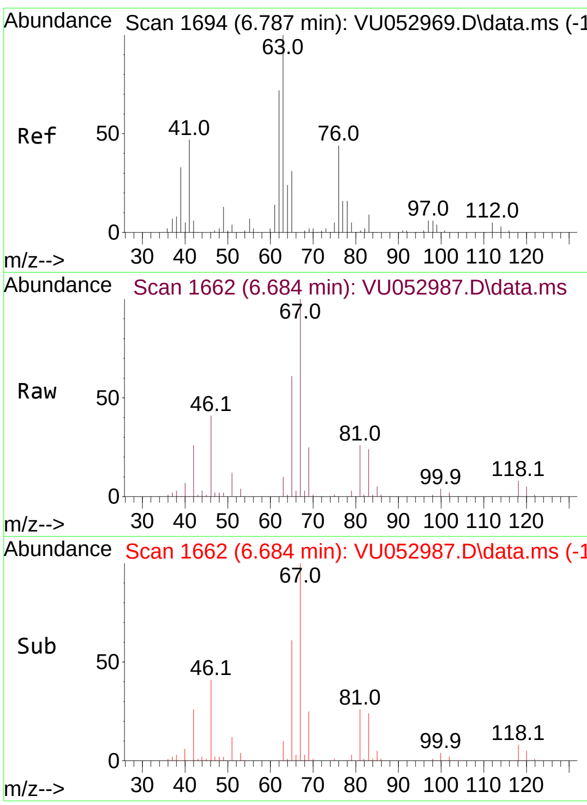
#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.687 min   Scan# 1
Delta R.T.   -0.071 min
Lab File: VU052987.D
Acq: 06 Feb 2023   18:19

Instrument :
MSVOA_U
ClientSampleId :
C0M13

Tgt Ion: 83 Resp: 16762

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.6	101.4#
98	1.4	37.1	55.7#

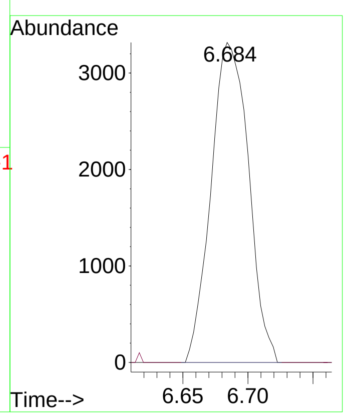


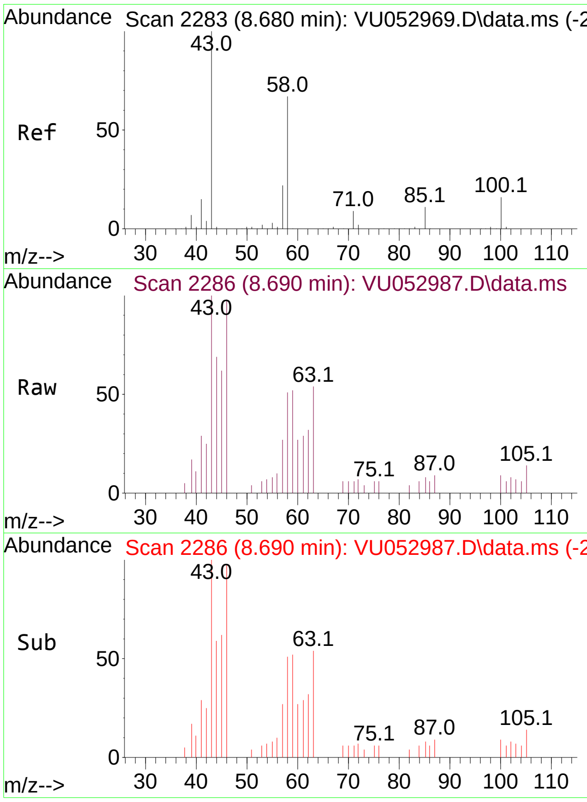


#37
1,2-Dichloropropane
Concen: 0.388 ug/L
RT: 6.684 min   Scan# 1662
Delta R.T.   -0.103 min
Lab File: VU052987.D
Acq: 06 Feb 2023   18:19

Tgt Ion: 63 Resp: 6664

Ion	Ratio	Lower	Upper
63	100		
112	0.3	2.9	4.3#



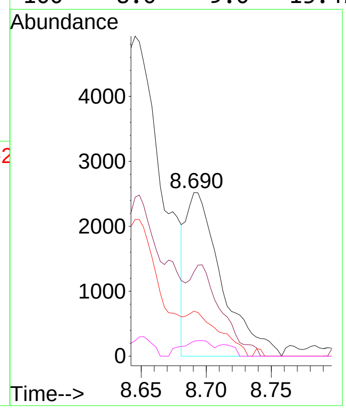


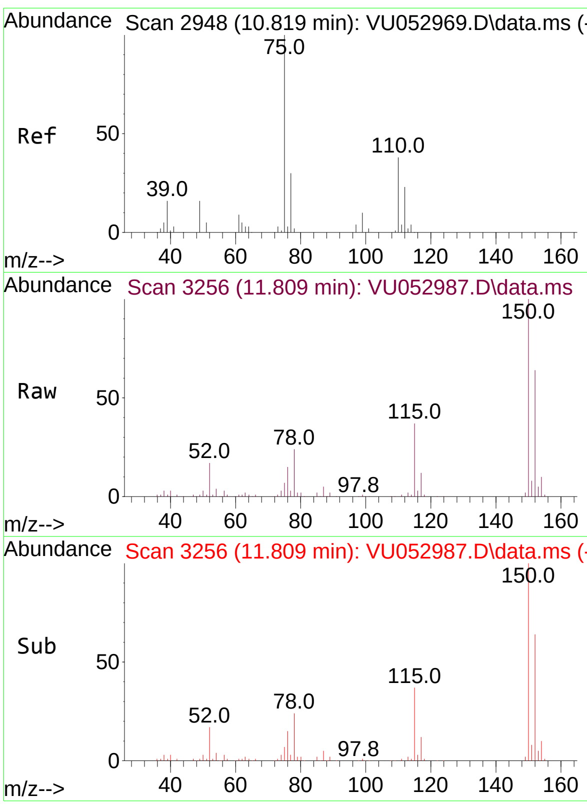
#48
2-Hexanone
Concen: 0.674 ug/L
RT: 8.690 min Scan# 2
Delta R.T. 0.010 min
Lab File: VU052987.D
Acq: 06 Feb 2023 18:19

Instrument :
MSVOA_U
ClientSampleId :
C0M13

Tgt Ion: 43 Resp: 4840

Ion	Ratio	Lower	Upper
43	100		
58	48.5	45.1	67.7
57	23.6	15.1	22.7#
100	8.0	9.0	13.4#





#61
1,2,3-Trichloropropane
Concen: 0.955 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052987.D
Acq: 06 Feb 2023 18:19

Tgt Ion: 75 Resp: 8119

Ion	Ratio	Lower	Upper
75	100		
110	0.0	27.2	40.8#
77	33.6	24.0	36.0