Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051202.D
Acq On : 07 Oct 2022 03:36
Operator : JC/MD
Sample : N4893-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J16

Quant Time: Oct 07 06:31:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 07 02:51:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	376784	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	382241	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	138387	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	162992	42.685	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.360%			
7) Chloroethane-d5	1.903	69	136073	38.362	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.720%			
11) 1,1-Dichloroethene-d2	2.562	63	187115	33.173	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.340%			
21) 2-Butanone-d5	4.620	46	189829	76.648	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.650%			
24) Chloroform-d	5.060	84	272536	44.300	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.600%			
26) 1,2-Dichloroethane-d4	5.700	65	172811	45.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.760%			
32) Benzene-d6	5.726	84	536298	47.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.820%			
36) 1,2-Dichloropropane-d6	6.690	67	186045	51.221	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.440%			
41) Toluene-d8	7.896	98	425012	41.096	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.200%			
43) trans-1,3-Dichloroprop...	8.179	79	65883	38.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.060%			
47) 2-Hexanone-d5	8.632	63	83566	56.979	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 56.980%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	266717	42.016	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.040%			
66) 1,2-Dichlorobenzene-d4	12.192	152	146853	49.674	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.340%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1593	0.554	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1447	0.539	ug/L #	1
13) Acetone	2.626	43	33367	16.872	ug/L	96
14) Carbon disulfide	2.790	76	8320	1.048	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	7768	0.894	ug/L	97
22) 2-Butanone	4.719	43	5971	2.185	ug/L	79
34) Trichloroethene	6.542	95	10302	3.413	ug/L	97
37) 1,2-Dichloropropane	6.690	63	19346	6.165	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3934	0.885	ug/L #	68
46) Tetrachloroethene	8.552	164	136600	59.719	ug/L	99
62) 1,3,5-Trimethylbenzene	11.468	105	12541	1.706	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	12541	1.702	ug/L	91
71) Naphthalene	14.089	128	17679	1.921	ug/L	98

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

Quantitation Report (Not Reviewed)

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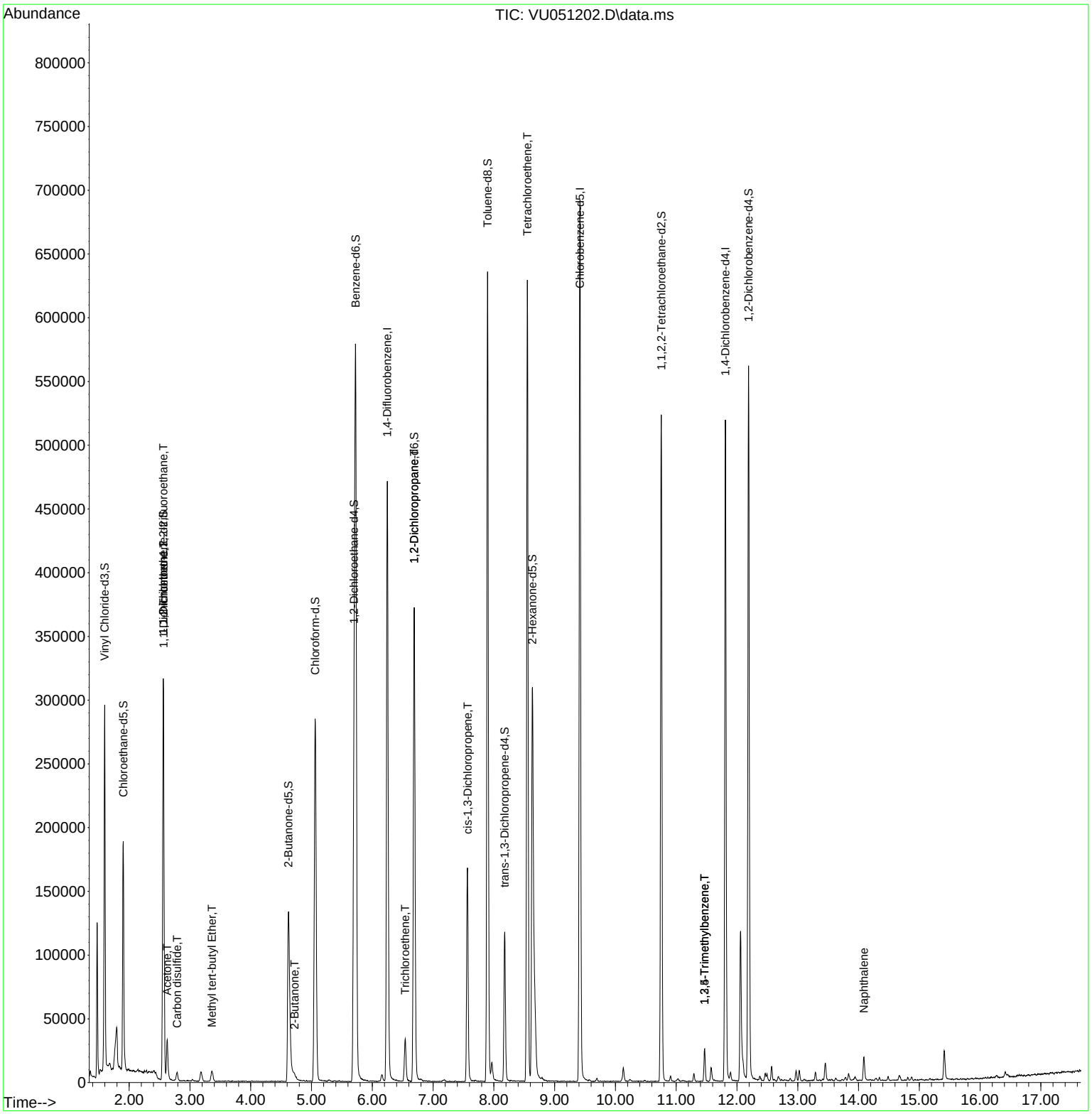
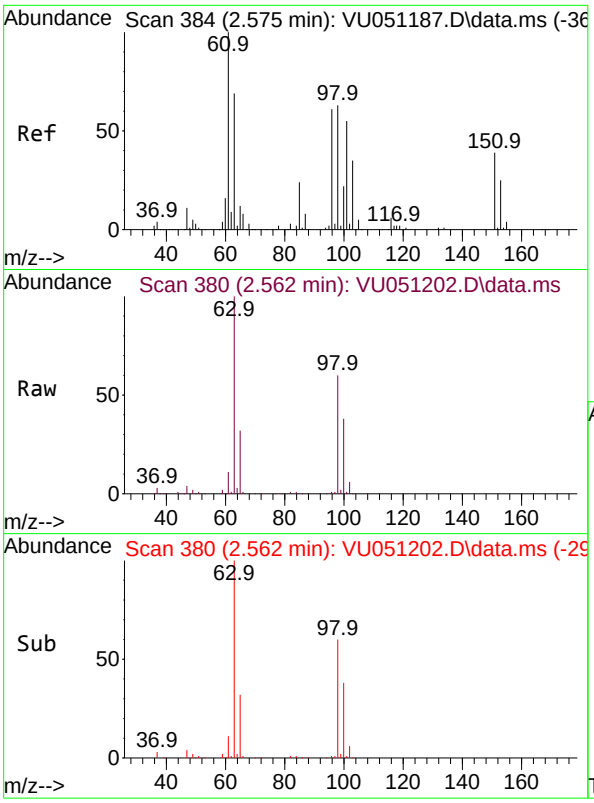
Quant Time: Oct 07 06:31:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 07 02:51:40 2022
Response via : Initial Calibration



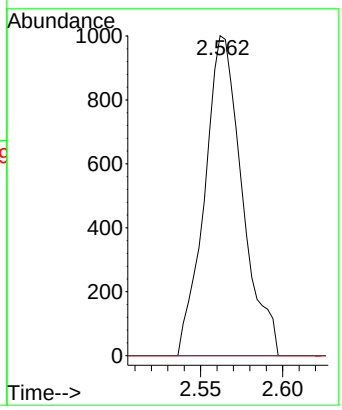


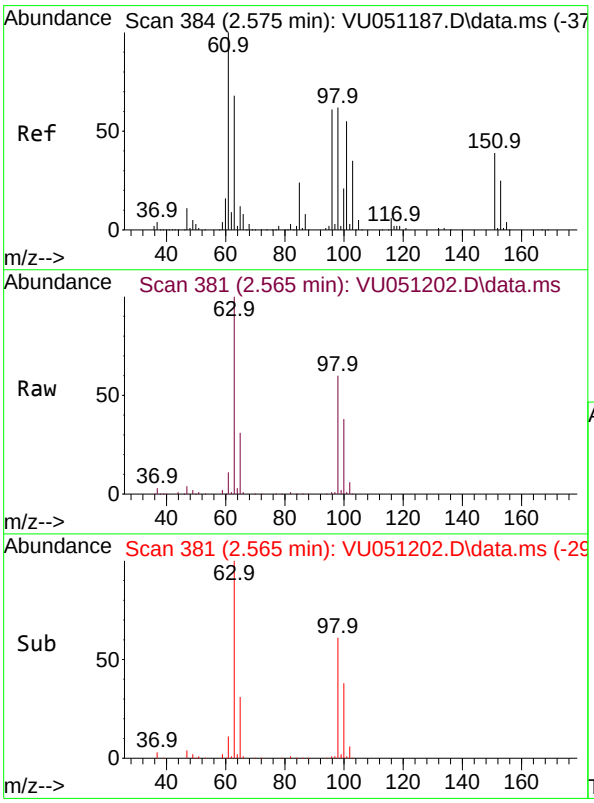
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.554 ug/L
RT: 2.562 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Instrument :
MSVOA_U
ClientSampleId :
F5J16

Tgt Ion:101 Resp: 1593

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	58.6	87.8#

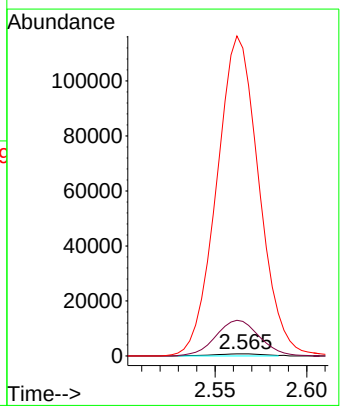


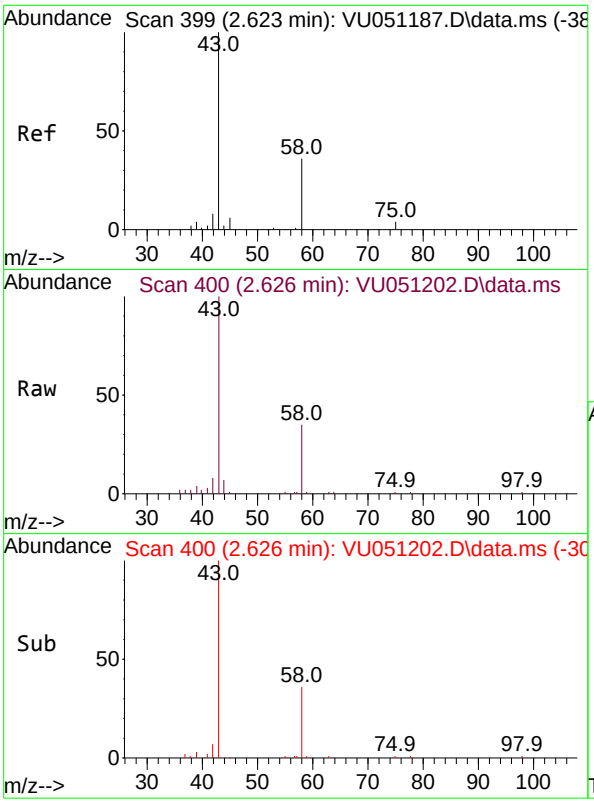


#12
1,1-Dichloroethene
Concen: 0.539 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Tgt Ion: 96 Resp: 1447

Ion	Ratio	Lower	Upper
96	100		
61	1592.9	113.0	209.9#
63	14203.0	91.7	170.3#



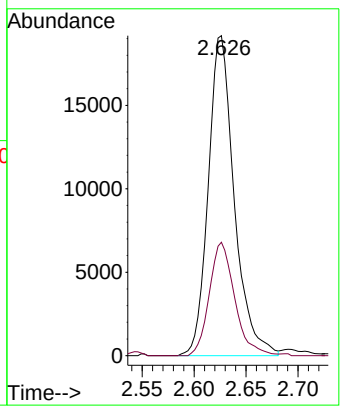


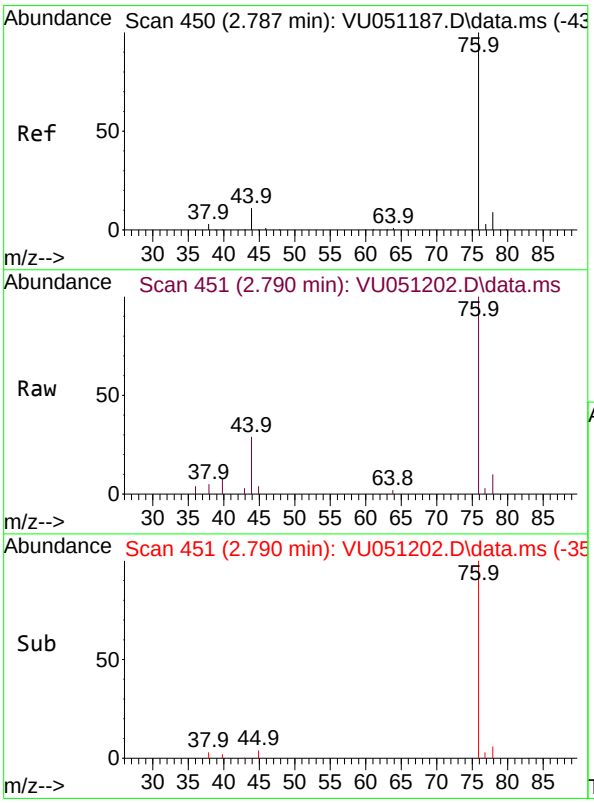
#13
Acetone
Concen: 16.872 ug/L
RT: 2.626 min Scan# 4(
Delta R.T. 0.003 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Instrument :
MSVOA_U
ClientSampleId :
F5J16

Tgt Ion: 43 Resp: 33367

Ion	Ratio	Lower	Upper
43	100		
58	34.6	0.0	73.6

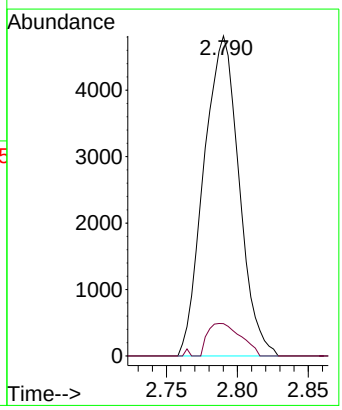


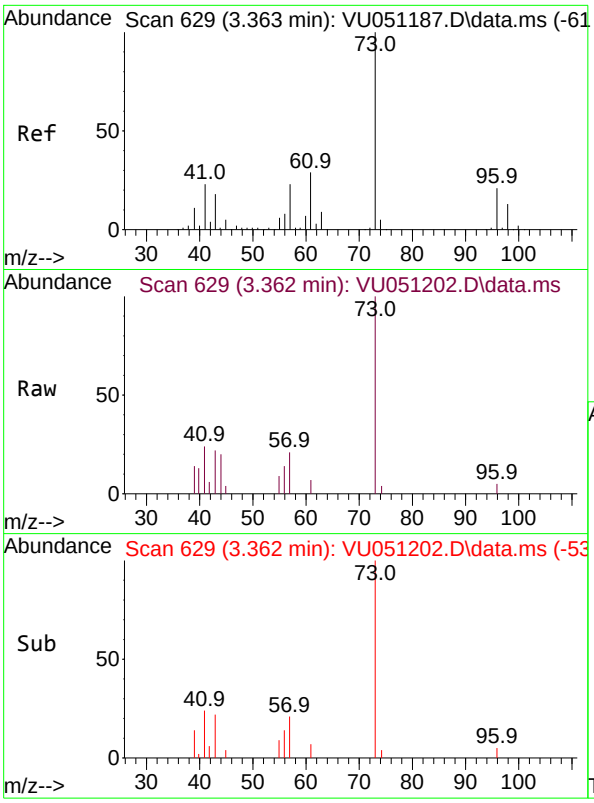


#14
Carbon disulfide
Concen: 1.048 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Tgt Ion: 76 Resp: 8320

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.4	11.0



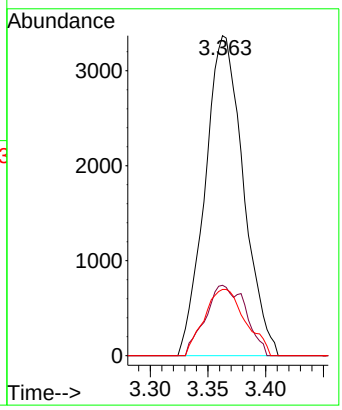


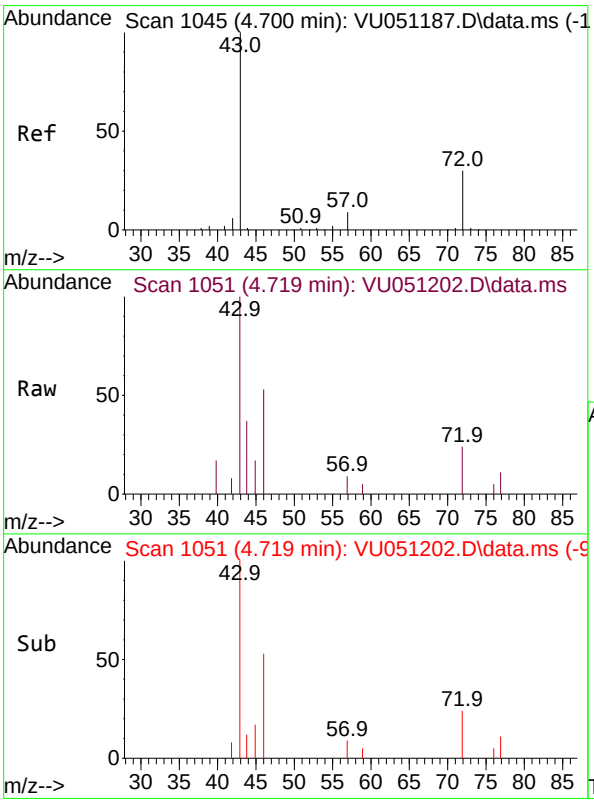
#18
Methyl tert-butyl Ether
Concen: 0.894 ug/L
RT: 3.362 min Scan# 6
Delta R.T. -0.000 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Instrument :
MSVOA_U
ClientSampleId :
F5J16

Tgt Ion: 73 Resp: 7768

Ion	Ratio	Lower	Upper
73	100		
43	15.8	14.7	22.1
57	22.2	17.5	26.3

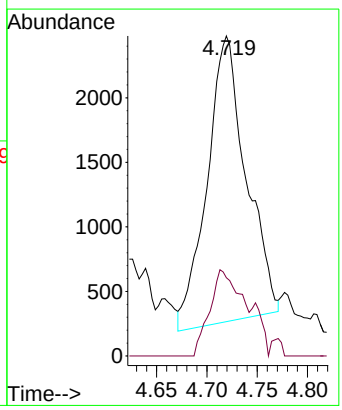


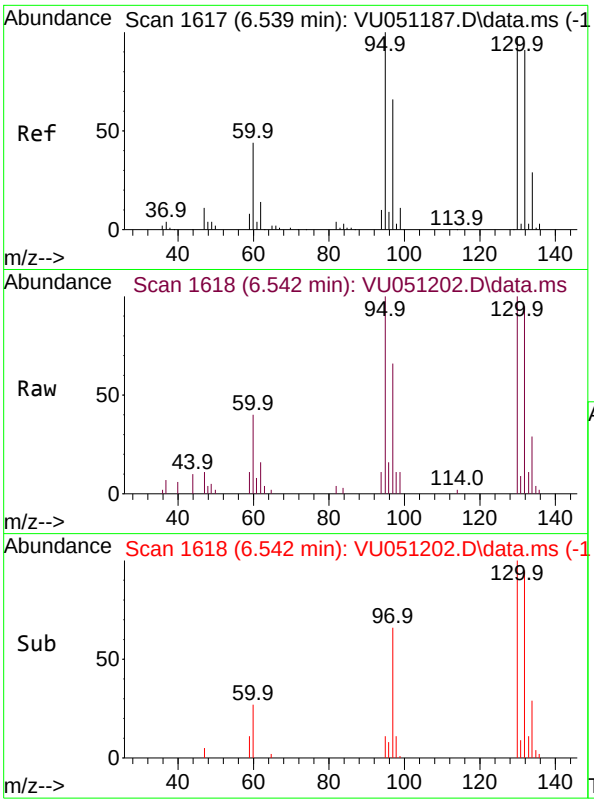


#22
2-Butanone
Concen: 2.185 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.019 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Tgt Ion: 43 Resp: 5971

Ion	Ratio	Lower	Upper
43	100		
72	20.1	15.8	47.4



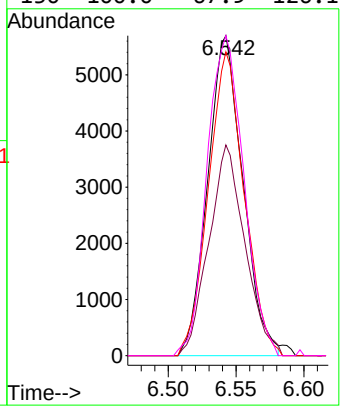


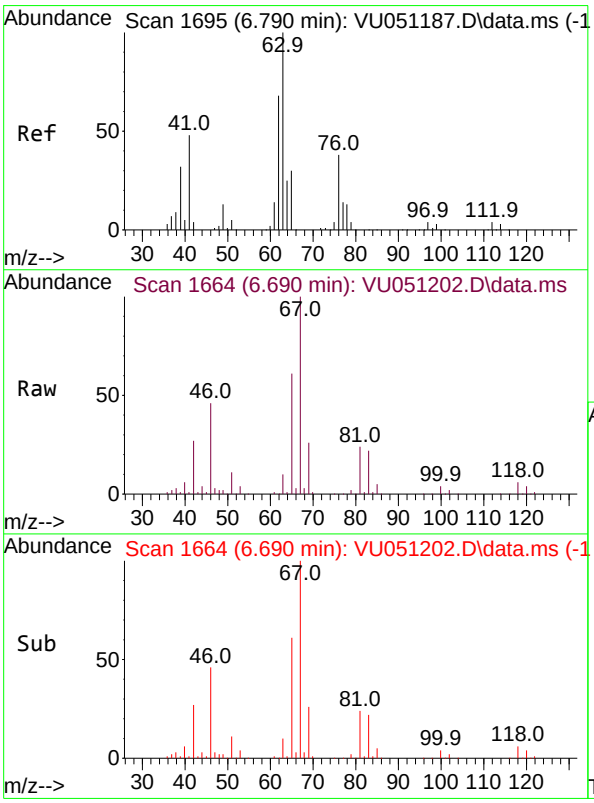
#34
Trichloroethene
Concen: 3.413 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Instrument :
MSVOA_U
ClientSampleId :
F5J16

Tgt Ion: 95 Resp: 10302

Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.9	85.3
132	95.0	64.0	119.0
130	100.0	67.9	126.1

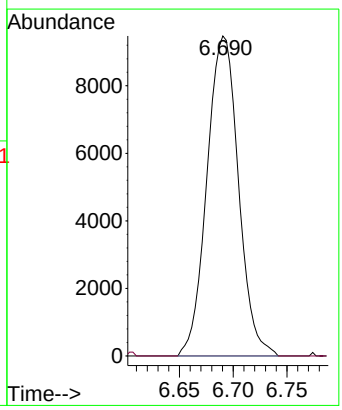


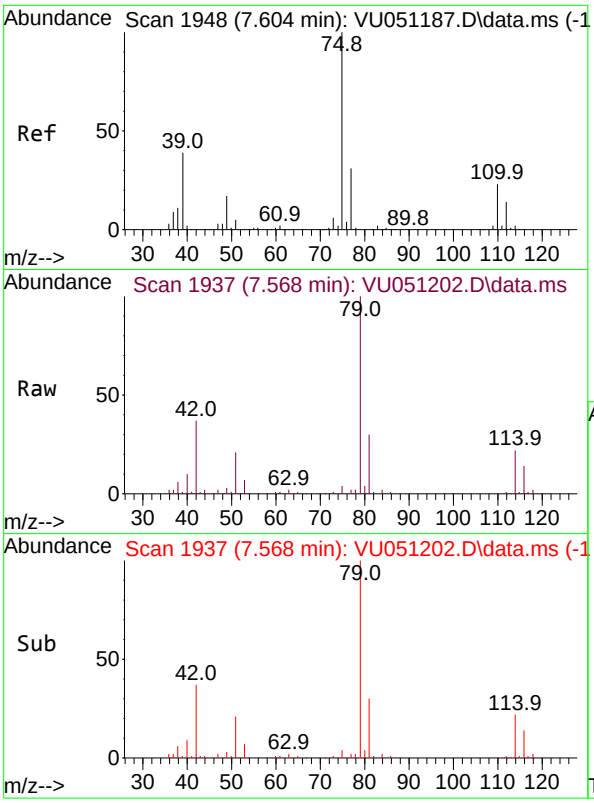


#37
1,2-Dichloropropane
Concen: 6.165 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Tgt Ion: 63 Resp: 19346

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#



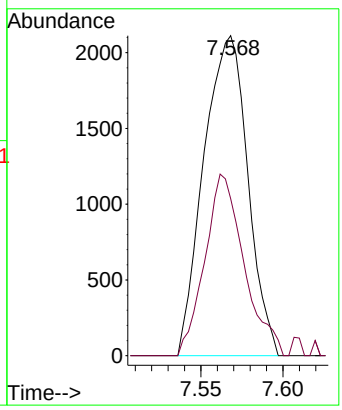


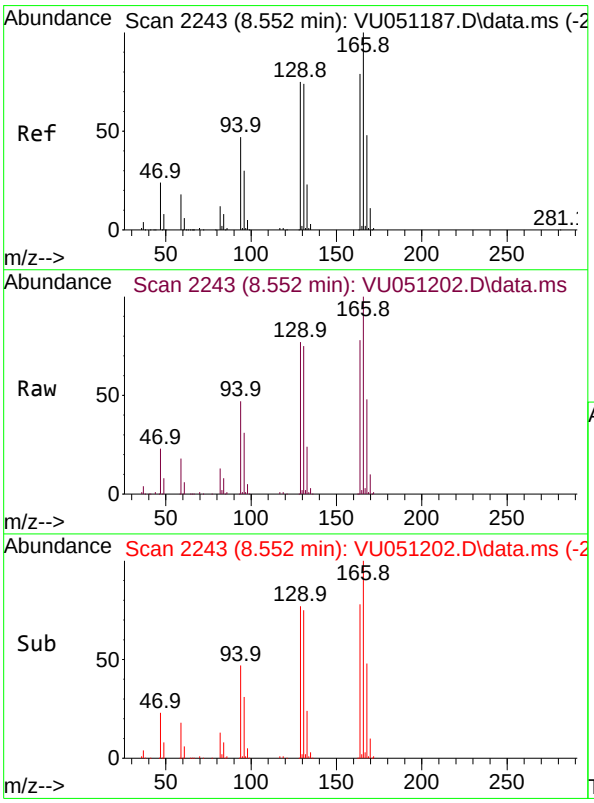
#39
cis-1,3-Dichloropropene
Concen: 0.885 ug/L
RT: 7.568 min Scan# 1
Delta R.T. -0.035 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Instrument :
MSVOA_U
ClientSampleId :
F5J16

Tgt Ion: 75 Resp: 3934

Ion	Ratio	Lower	Upper
75	100		
77	49.1	22.0	41.0#

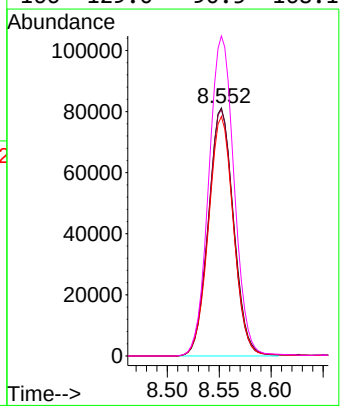


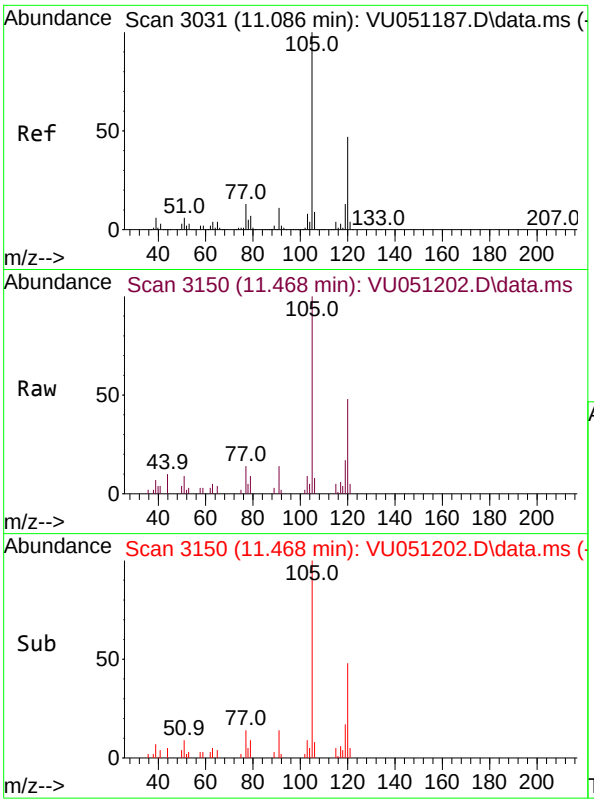


#46
Tetrachloroethene
Concen: 59.719 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Tgt Ion:164 Resp: 136600

Ion	Ratio	Lower	Upper
164	100		
129	99.4	68.1	126.5
131	96.6	67.8	126.0
166	129.0	90.5	168.1



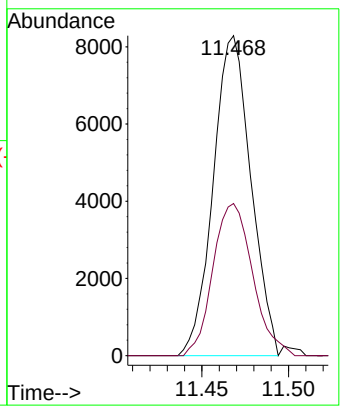


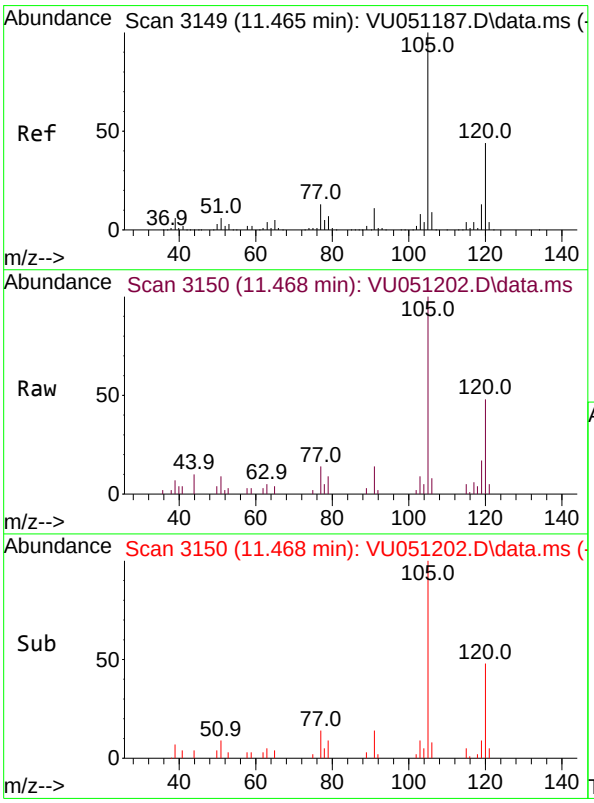
#62
1,3,5-Trimethylbenzene
Concen: 1.706 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.383 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Instrument :
MSVOA_U
ClientSampleId :
F5J16

Tgt Ion:105 Resp: 12541

Ion	Ratio	Lower	Upper
105	100		
120	50.1	37.8	56.8

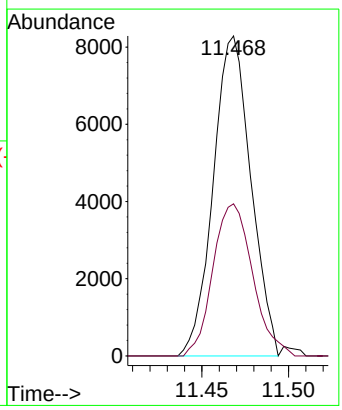


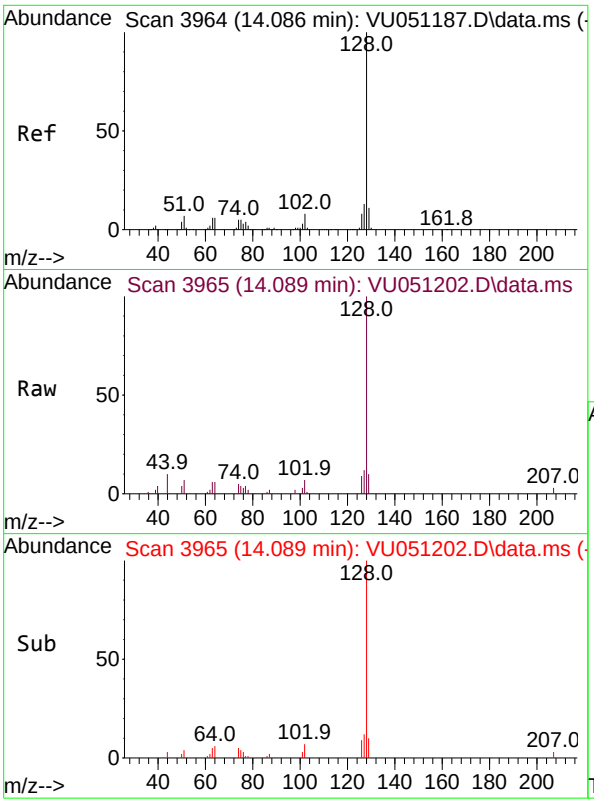


#63
1,2,4-Trimethylbenzene
Concen: 1.702 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Tgt Ion:105 Resp: 12541

Ion	Ratio	Lower	Upper
105	100		
120	50.1	35.5	53.3





#71
Naphthalene
Concen: 1.921 ug/L
RT: 14.089 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Instrument :
MSVOA_U
ClientSampleId :
F5J16

Tgt Ion:128 Resp: 17679

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	9.8	8.6	13.0