Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

Quant Time: Dec 23 06:44:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 23 06:08:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	221674	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	199464	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	103956	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	76563	3.409	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.200%			
7) Chloroethane-d5	1.916	69	73197	3.779	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.600%			
11) 1,1-Dichloroethene-d2	2.568	65	34381	3.558	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.200%			
20) 2-Butanone-d5	4.636	46	376883	54.117	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.240%			
24) Chloroform-d	5.060	84	148561	3.921	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.400%			
26) 1,2-Dichloroethane-d4	5.700	65	91711	4.173	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.400%			
32) Benzene-d6	5.726	84	319564	4.673	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
36) 1,2-Dichloropropane-d6	6.687	67	112008	4.758	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.200%			
41) Toluene-d8	7.893	98	286879	4.997	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
43) trans-1,3-Dichloroprop...	8.176	79	40381	5.009	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.200%			
46) 2-Hexanone-d5	8.629	63	286508	64.965	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 129.920%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100958	5.051	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.000%			
66) 1,2-Dichlorobenzene-d4	12.188	152	104014	4.915	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.200%			
Target Compounds						Qvalue
14) Carbon disulfide	2.797	76	6468	0.121	ug/L #	91
16) Methylene chloride	3.044	84	10795	0.460	ug/L	92
18) trans-1,2-Dichloroethene	3.353	96	31978	1.869	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	50498	2.689	ug/L	96
30) Cyclohexane	5.382	56	217435	8.015	ug/L	88
34) Trichloroethene	6.546	95	7691	0.458	ug/L	87
35) Methylcyclohexane	6.761	83	529216	20.895	ug/L	96
42) Toluene	7.967	91	15202	0.221	ug/L	92
47) Tetrachloroethene	8.552	164	2811	0.240	ug/L	93
52) Ethylbenzene	9.565	91	230287	3.230	ug/L	99
53) m,p-Xylene	9.690	106	52074	1.981	ug/L	100
54) o-Xylene	10.095	106	8272	0.328	ug/L	96
60) Isopropylbenzene	10.481	105	60964	0.905	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	34197	0.615	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	30407	0.544	ug/L	98

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

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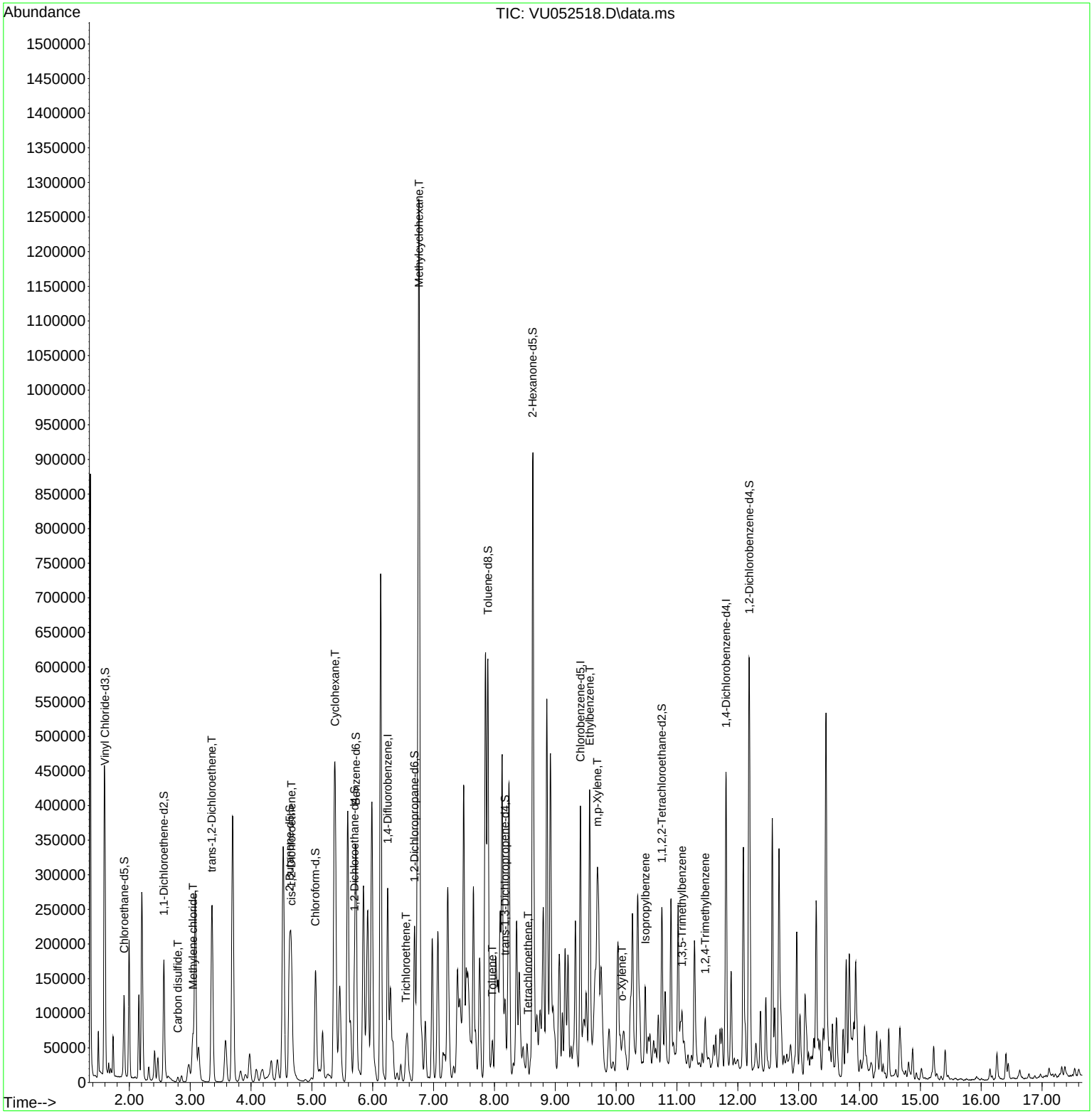
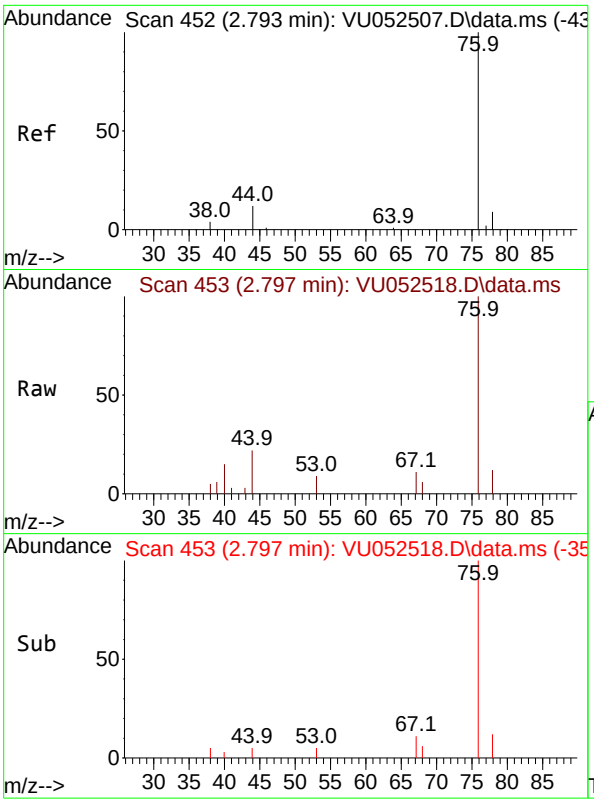
Quant Time: Dec 23 06:44:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 23 06:08:56 2022
Response via : Initial Calibration



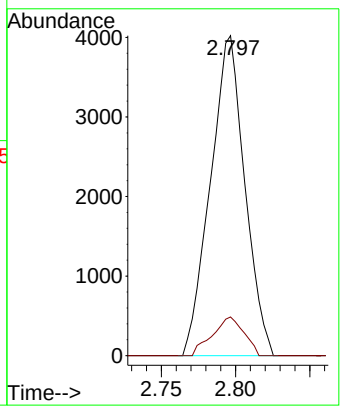


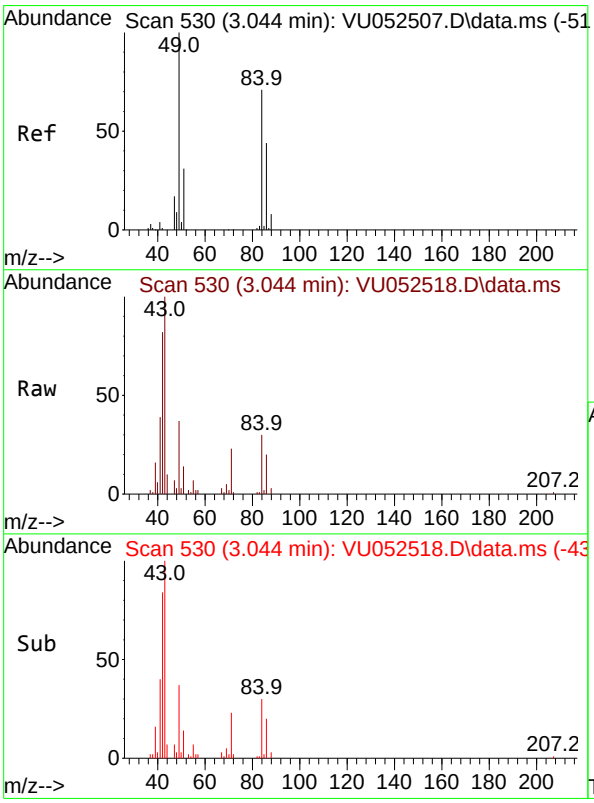
#14
Carbon disulfide
Concen: 0.121 ug/L
RT: 2.797 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

Tgt Ion: 76 Resp: 6468

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.1	10.7#

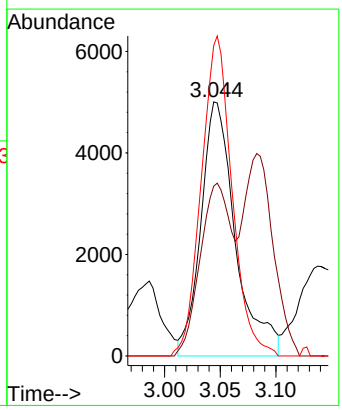


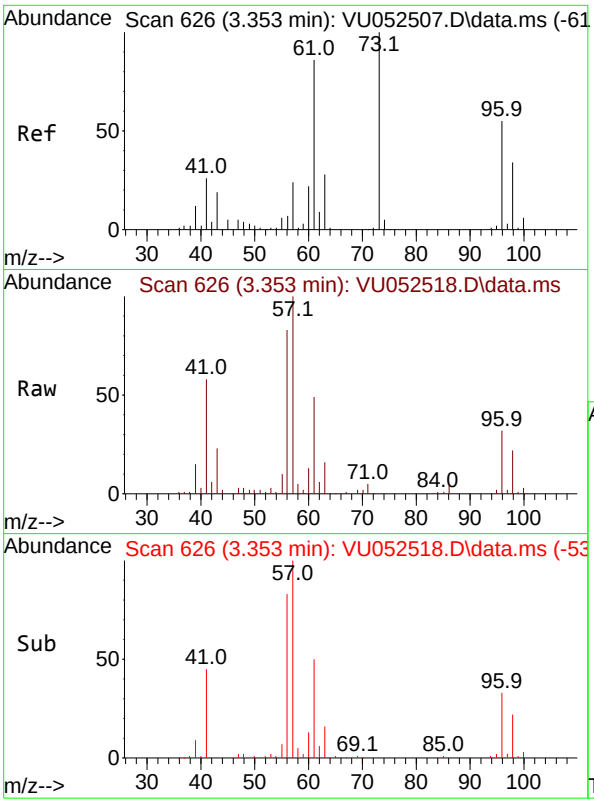


#16
Methylene chloride
Concen: 0.460 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Tgt Ion: 84 Resp: 10795

Ion	Ratio	Lower	Upper
84	100		
86	66.8	44.7	83.1
49	122.2	93.3	173.3



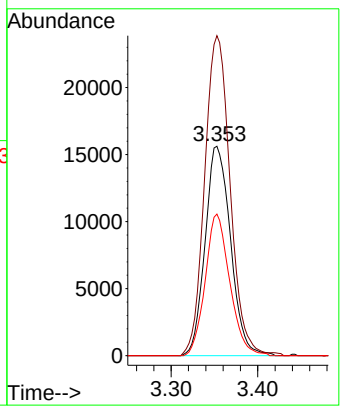


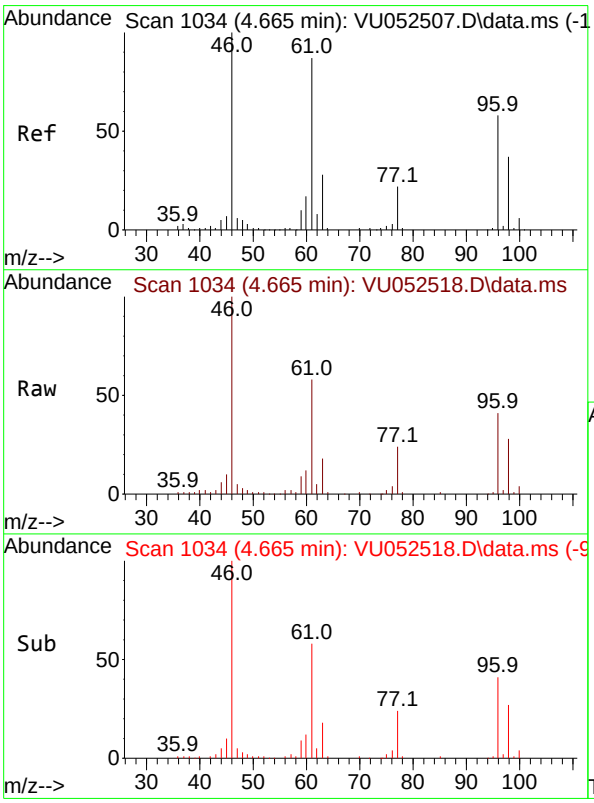
#18
trans-1,2-Dichloroethene
Concen: 1.869 ug/L
RT: 3.353 min Scan# 6
Delta R.T. 0.000 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

Tgt Ion: 96 Resp: 31978

Ion	Ratio	Lower	Upper
96	100		
61	152.7	108.3	201.1
98	67.6	44.0	81.6

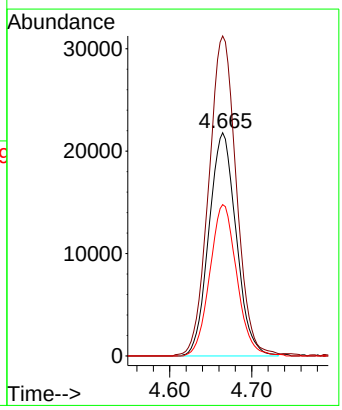


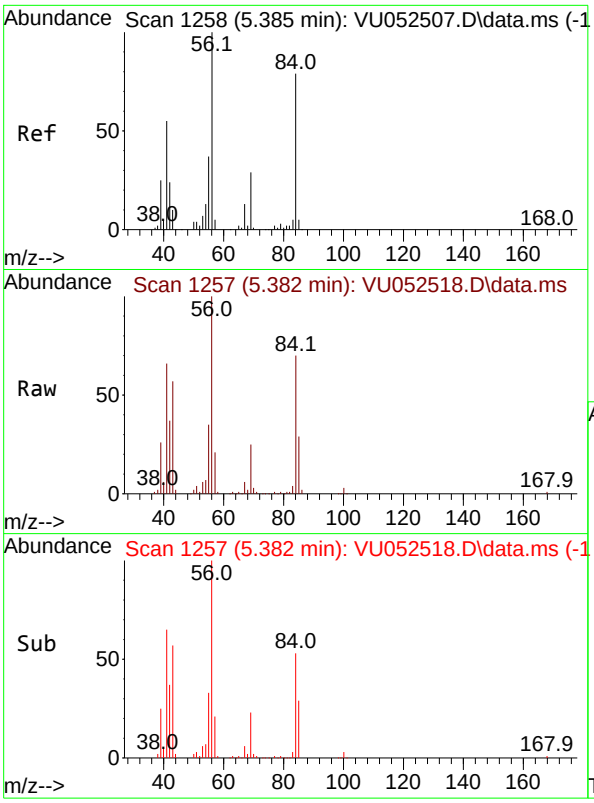


#22
cis-1,2-Dichloroethene
Concen: 2.689 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Tgt Ion: 96 Resp: 50498

Ion	Ratio	Lower	Upper
96	100		
61	143.3	96.9	180.1
98	67.8	44.7	83.1



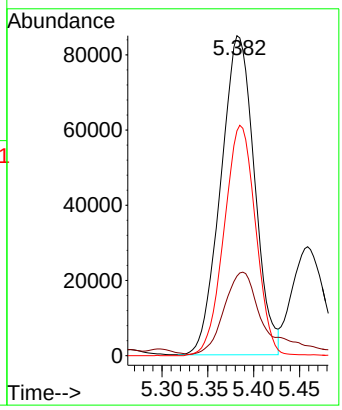


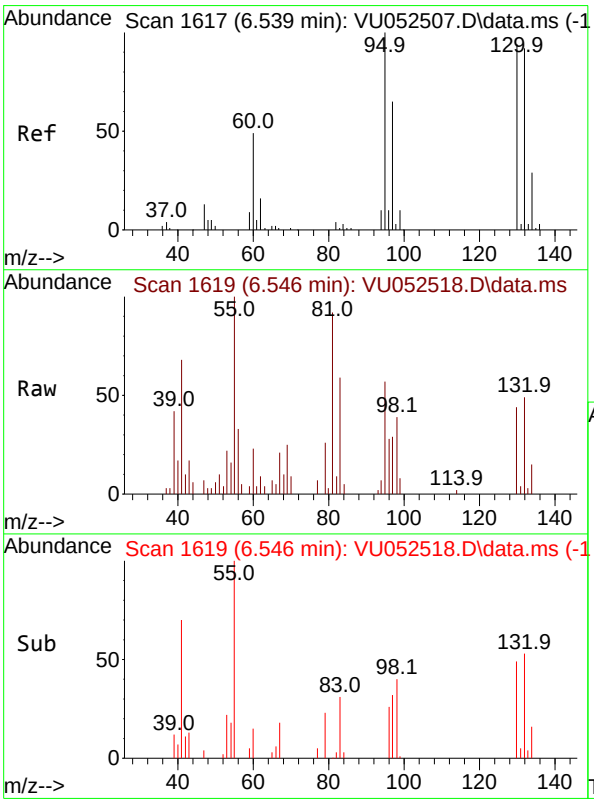
#30
Cyclohexane
Concen: 8.015 ug/L
RT: 5.382 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

Tgt Ion: 56 Resp: 217435

Ion	Ratio	Lower	Upper
56	100		
69	32.5	23.0	34.6
84	67.7	64.4	96.6

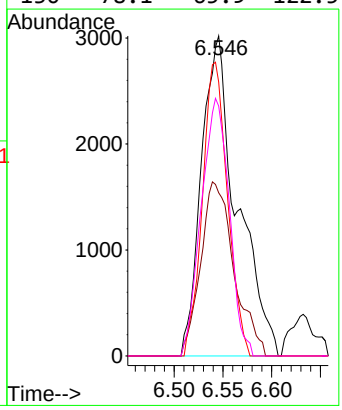


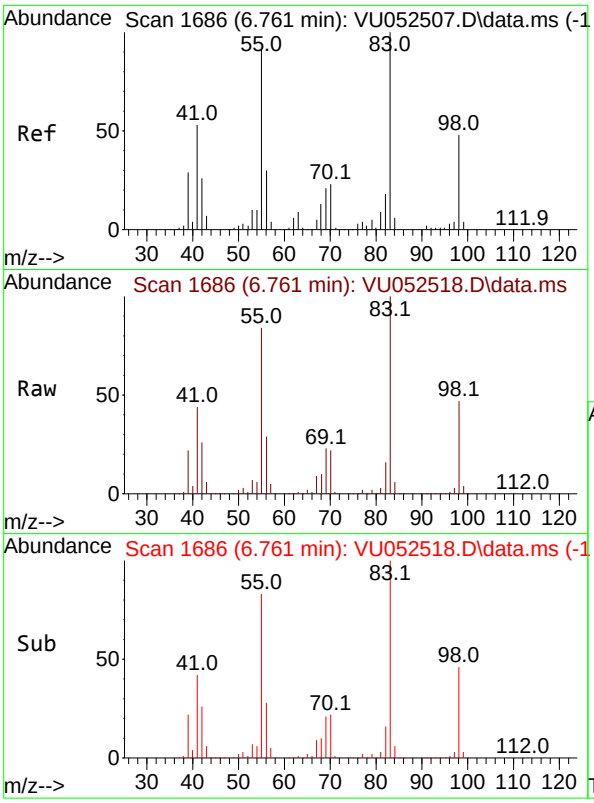


#34
Trichloroethene
Concen: 0.458 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Tgt Ion: 95 Resp: 7691

Ion	Ratio	Lower	Upper
95	100		
97	51.0	46.3	86.1
132	85.6	63.9	118.7
130	78.1	65.9	122.5



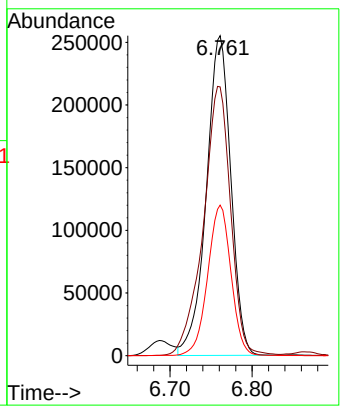


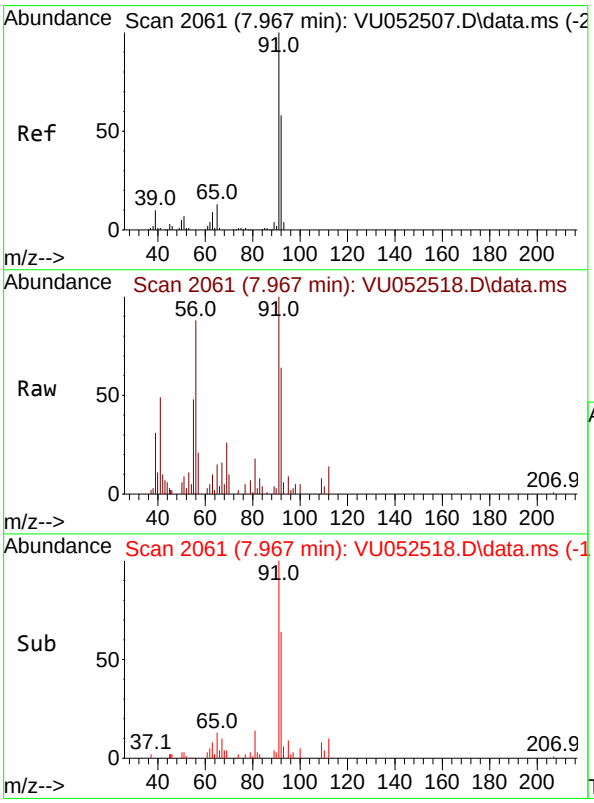
#35
Methylcyclohexane
Concen: 20.895 ug/L
RT: 6.761 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

Tgt Ion: 83 Resp: 529216

Ion	Ratio	Lower	Upper
83	100		
55	93.7	71.4	107.0
98	44.7	36.5	54.7

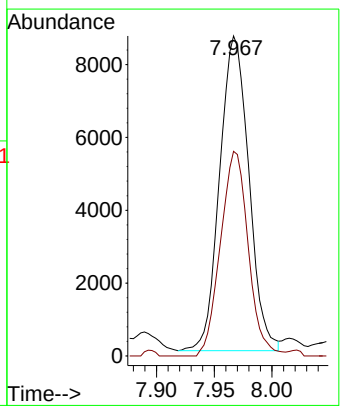


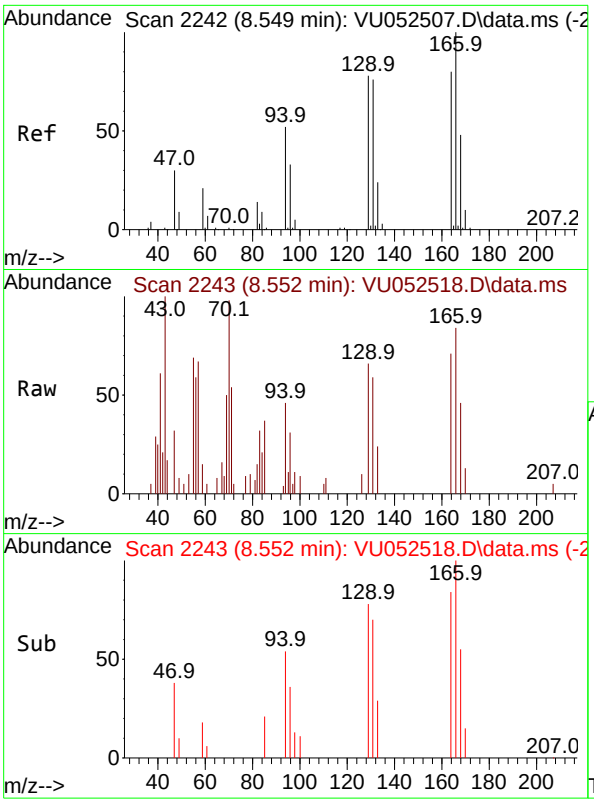


#42
Toluene
Concen: 0.221 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Tgt Ion: 91 Resp: 15202

Ion	Ratio	Lower	Upper
91	100		
92	63.9	40.6	75.4



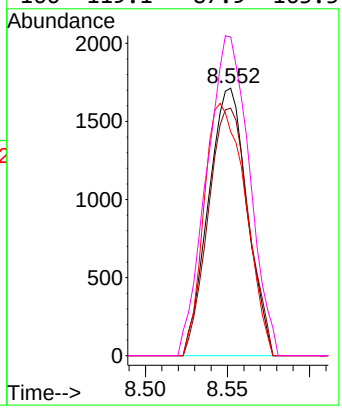


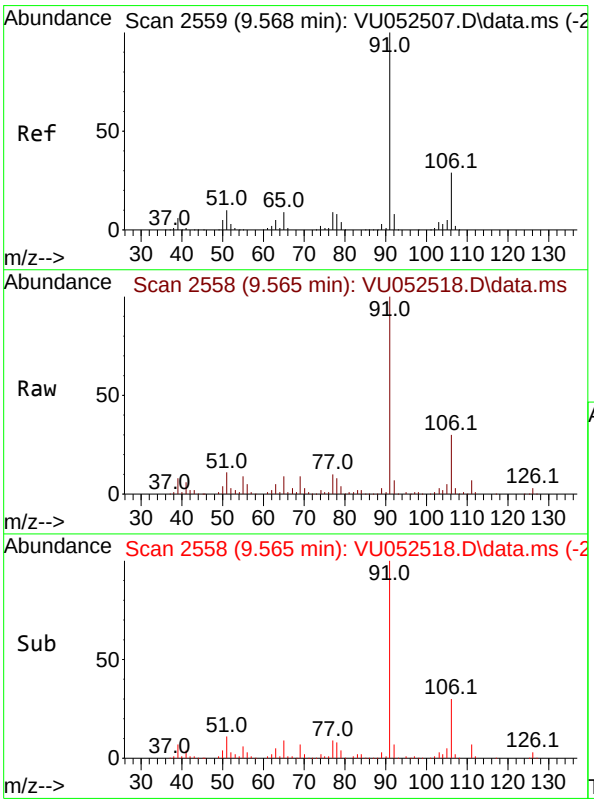
#47
Tetrachloroethene
Concen: 0.240 ug/L
RT: 8.552 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

Tgt Ion:164 Resp: 2811

Ion	Ratio	Lower	Upper
164	100		
129	92.5	68.1	126.5
131	83.7	66.5	123.5
166	119.1	87.9	163.3

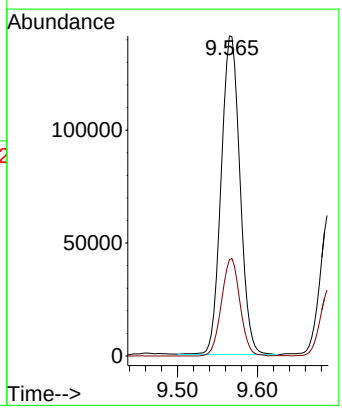


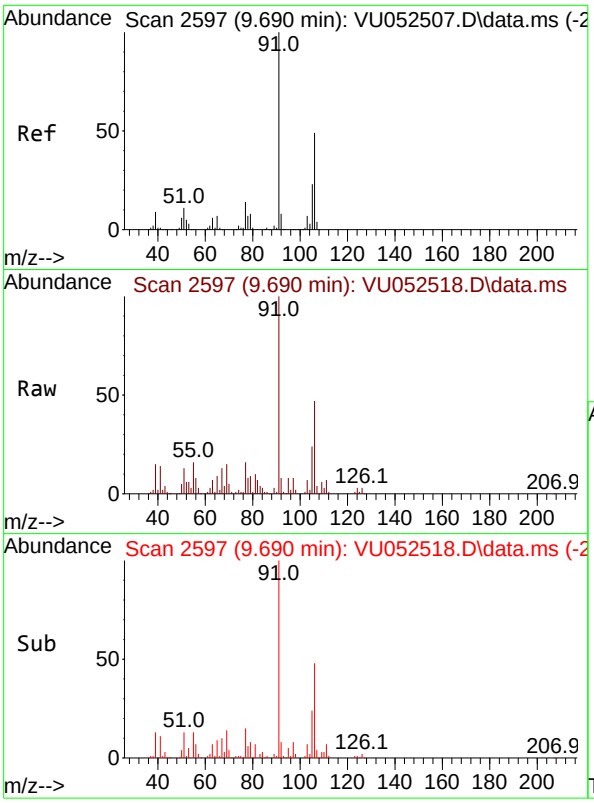


#52
Ethylbenzene
Concen: 3.230 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Tgt Ion: 91 Resp: 230287

Ion	Ratio	Lower	Upper
91	100		
106	30.1	20.9	38.7



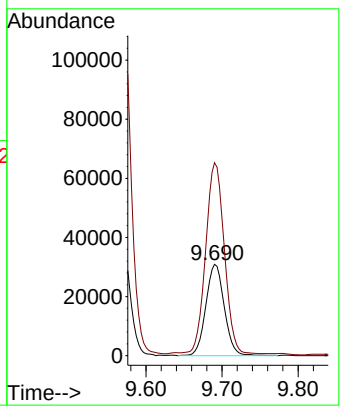


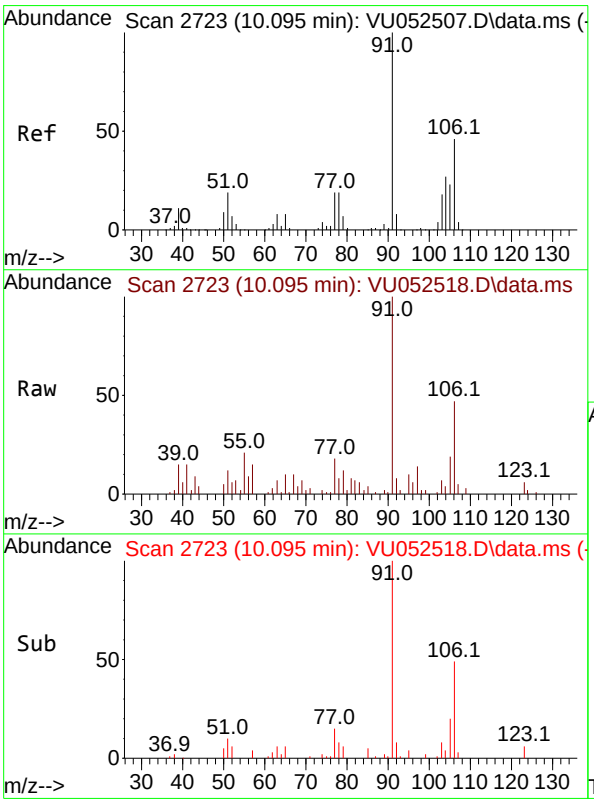
#53
m,p-Xylene
Concen: 1.981 ug/L
RT: 9.690 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

Tgt Ion:106 Resp: 52074

Ion	Ratio	Lower	Upper
106	100		
91	211.4	148.2	275.2

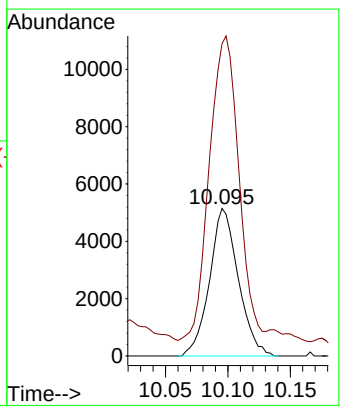


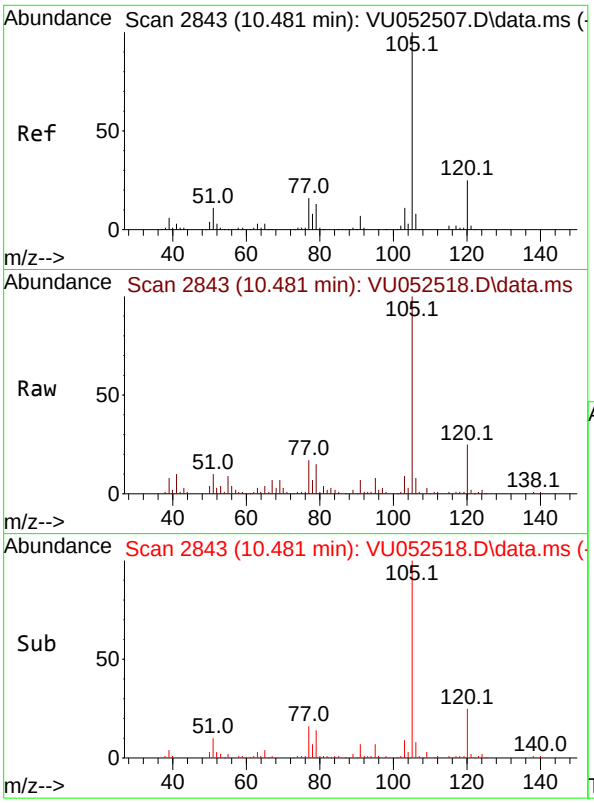


#54
o-Xylene
Concen: 0.328 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Tgt Ion:106 Resp: 8272

Ion	Ratio	Lower	Upper
106	100		
91	211.8	153.2	284.4



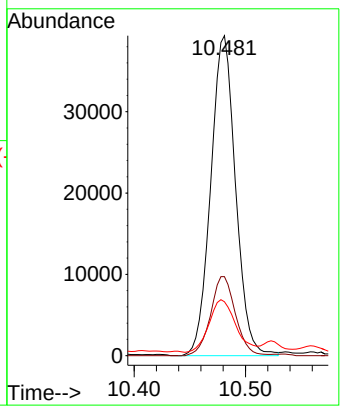


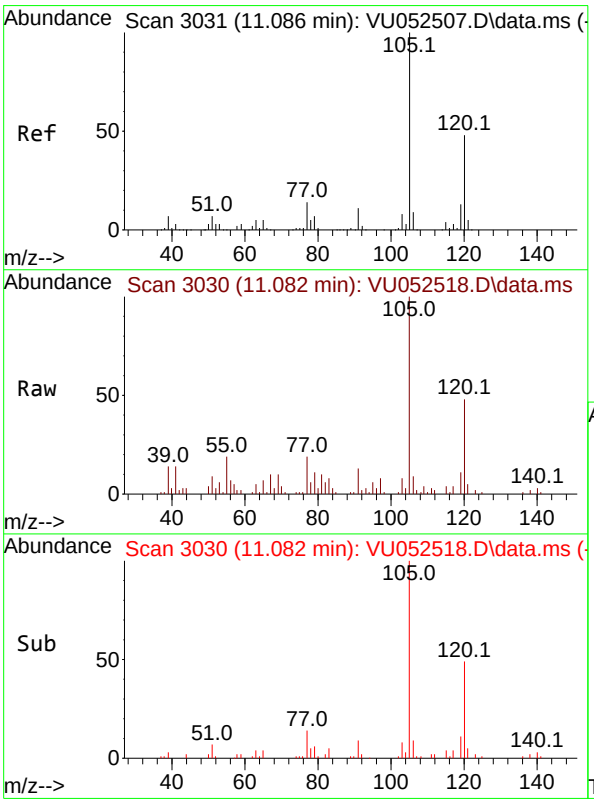
#60
Isopropylbenzene
Concen: 0.905 ug/L
RT: 10.481 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

Tgt Ion:105 Resp: 60964

Ion	Ratio	Lower	Upper
105	100		
120	24.7	20.6	31.0
77	17.7	13.8	20.8

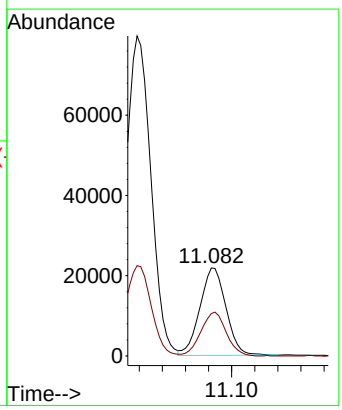


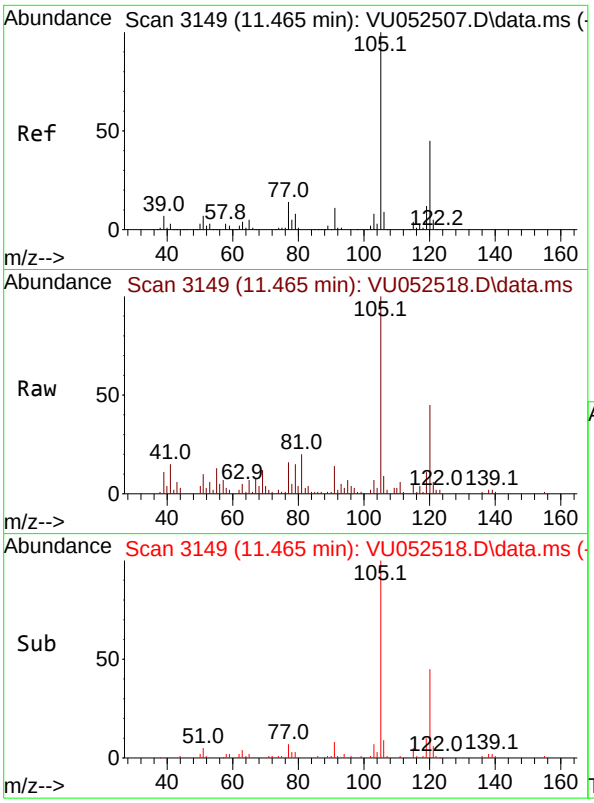


#62
1,3,5-Trimethylbenzene
Concen: 0.615 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Tgt Ion:105 Resp: 34197

Ion	Ratio	Lower	Upper
105	100		
120	48.9	38.6	57.8





#63
1,2,4-Trimethylbenzene
Concen: 0.544 ug/L
RT: 11.465 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052518.D
Acq: 23 Dec 2022 02:00

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

Tgt Ion:105 Resp: 30407

Ion	Ratio	Lower	Upper
105	100		
120	43.3	35.6	53.4