Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052556.D
Acq On : 27 Dec 2022 11:59
Operator : JC/MD
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

Quant Time: Dec 28 01:19:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 28 01:18:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	159041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	152539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	67738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	56037	3.478	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.600%			
7) Chloroethane-d5	1.916	69	55215	3.974	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.400%			
11) 1,1-Dichloroethene-d2	2.568	65	25395	3.663	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.200%			
20) 2-Butanone-d5	4.629	46	287509	57.542	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.080%			
24) Chloroform-d	5.060	84	118447	4.357	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
26) 1,2-Dichloroethane-d4	5.697	65	74040	4.695	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%			
32) Benzene-d6	5.722	84	234512	4.484	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
36) 1,2-Dichloropropane-d6	6.687	67	83957	4.664	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.200%			
41) Toluene-d8	7.896	98	177413	4.041	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.800%			
43) trans-1,3-Dichloroprop...	8.176	79	29478	4.782	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.600%			
46) 2-Hexanone-d5	8.629	63	198751	58.930	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.860%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	78970	5.167	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.400%			
66) 1,2-Dichlorobenzene-d4	12.188	152	68782	4.988	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	5708	0.308	ug/L	84
13) Acetone	2.649	43	19688	5.345	ug/L	95
14) Carbon disulfide	2.797	76	16794	0.438	ug/L	98
16) Methylene chloride	3.044	84	8258	0.491	ug/L	93
18) trans-1,2-Dichloroethene	3.353	96	10502	0.856	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	83332	6.186	ug/L	96
33) Benzene	5.777	78	10944	0.199	ug/L	100
47) Tetrachloroethene	8.549	164	1289	0.144	ug/L	86
53) m,p-Xylene	9.690	106	2873	0.143	ug/L	82
54) o-Xylene	10.095	106	3429	0.178	ug/L	90

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

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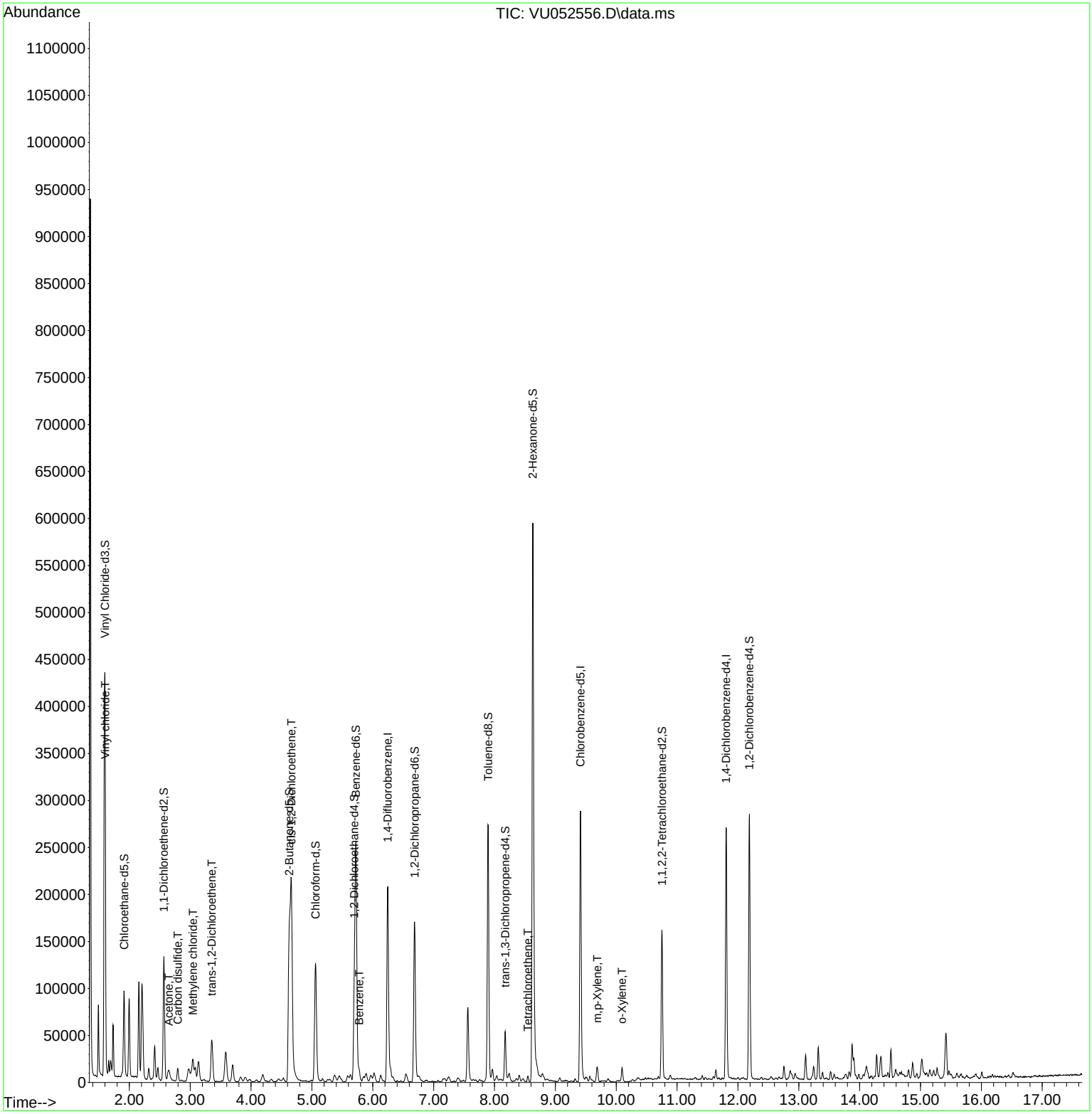
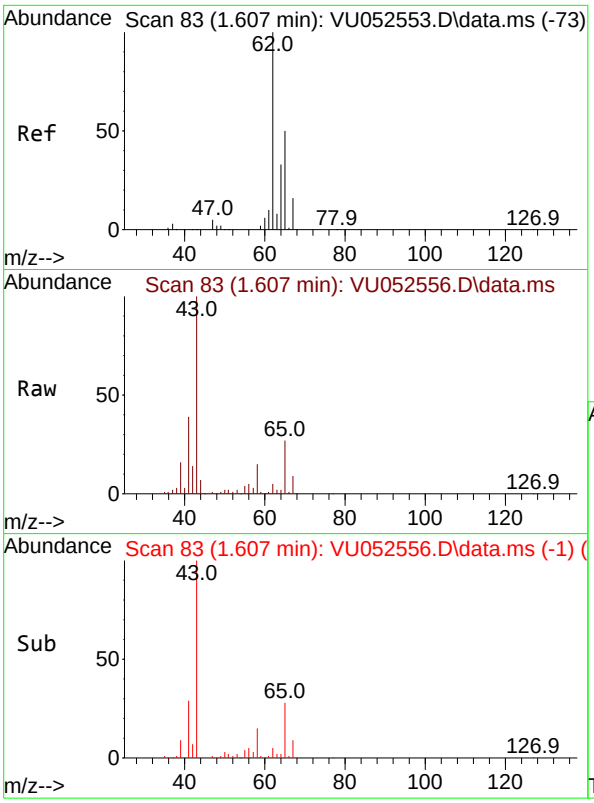
Sample : N6170-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

Quant Time: Dec 28 01:19:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 28 01:18:16 2022
Response via : Initial Calibration



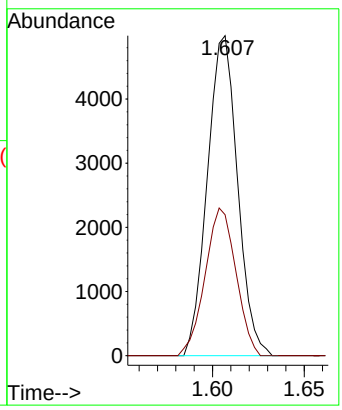


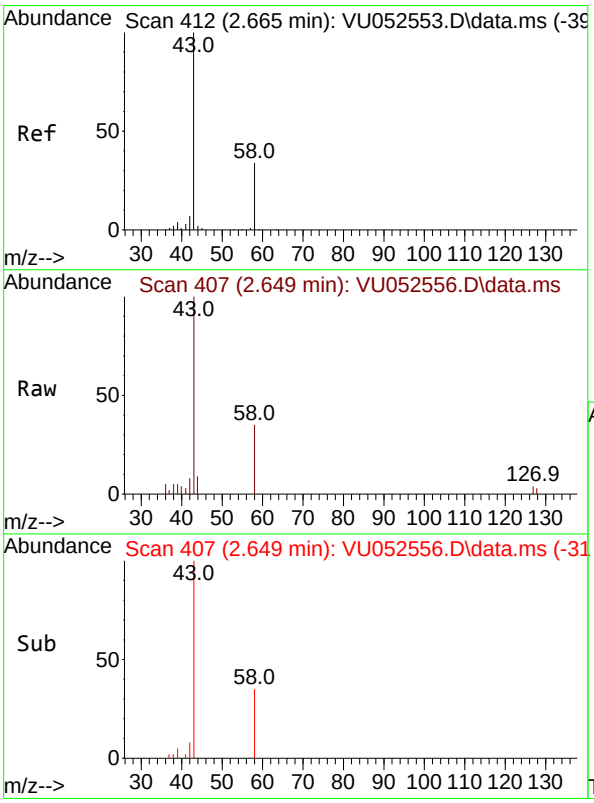
#5
Vinyl chloride
Concen: 0.308 ug/L
RT: 1.607 min Scan# 8
Delta R.T. -0.000 min
Lab File: VU052556.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

Tgt Ion: 62 Resp: 5708

Ion	Ratio	Lower	Upper
62	100		
64	44.0	24.4	45.4

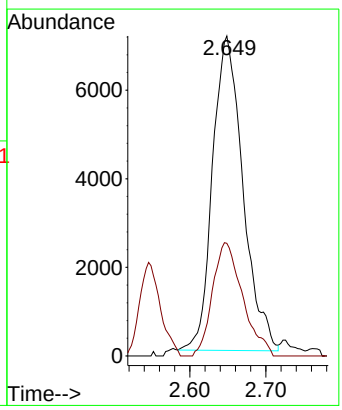


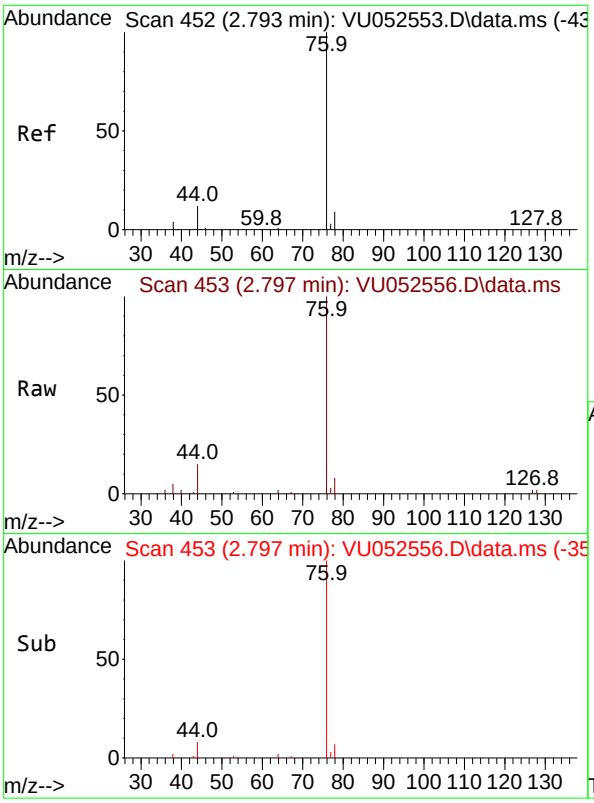


#13
Acetone
Concen: 5.345 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.016 min
Lab File: VU052556.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 43 Resp: 19688

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	65.4



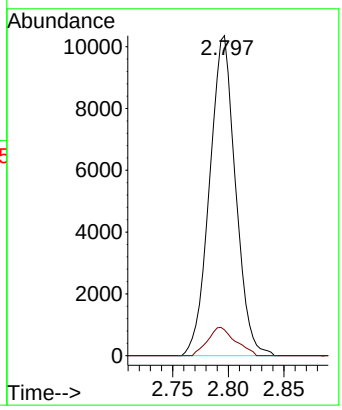


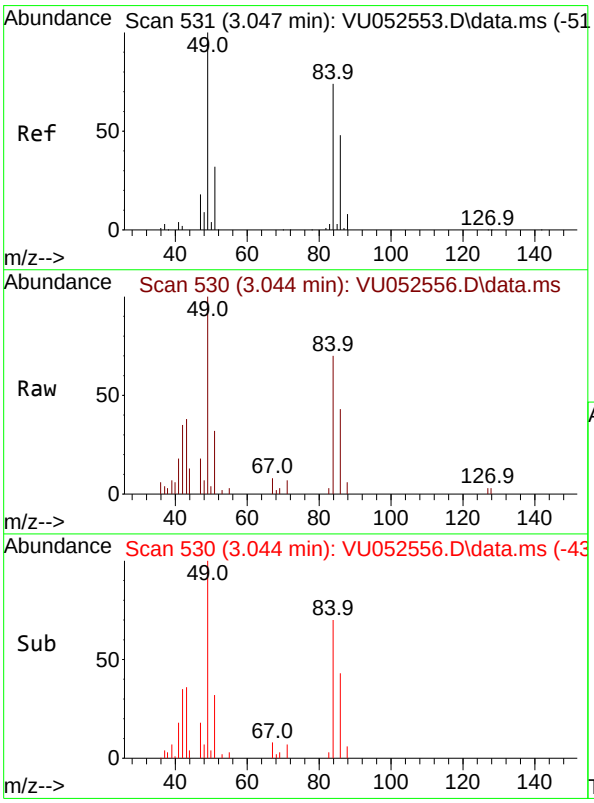
#14
Carbon disulfide
Concen: 0.438 ug/L
RT: 2.797 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU052556.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

Tgt Ion: 76 Resp: 16794

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.1	10.7

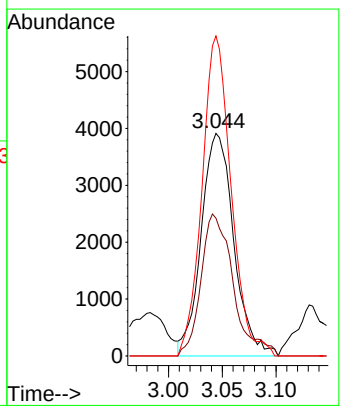


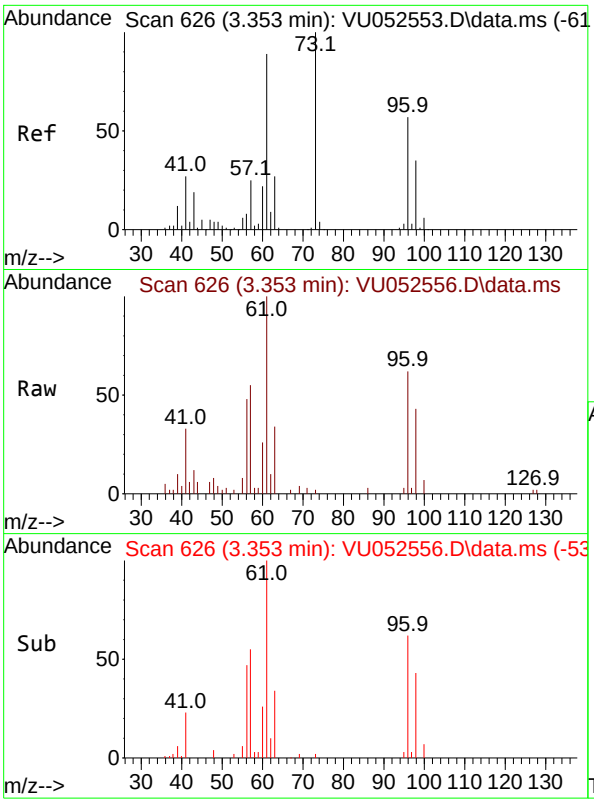


#16
Methylene chloride
Concen: 0.491 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052556.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 84 Resp: 8258

Ion	Ratio	Lower	Upper
84	100		
86	61.9	44.7	83.1
49	143.7	93.3	173.3



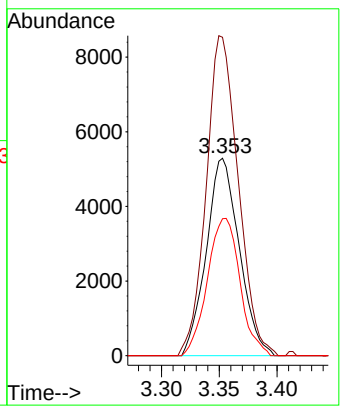


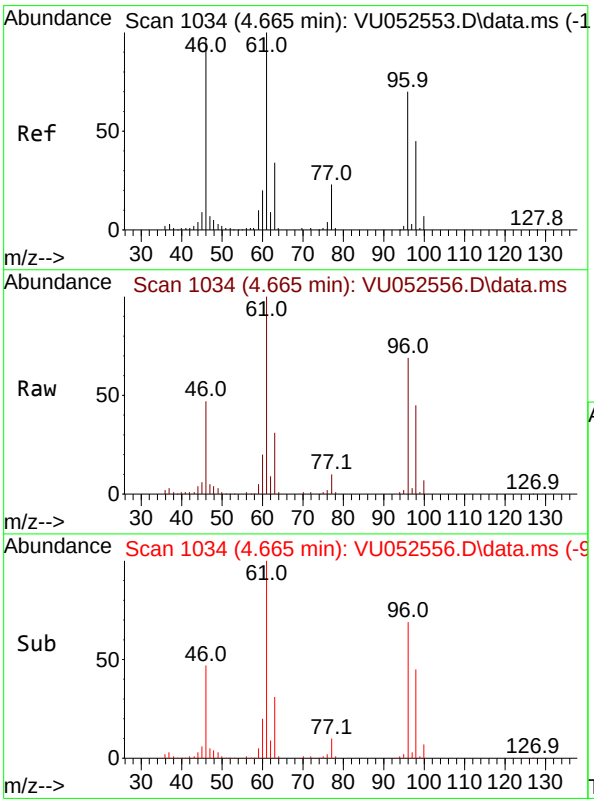
#18
trans-1,2-Dichloroethene
Concen: 0.856 ug/L
RT: 3.353 min Scan# 6
Delta R.T. 0.000 min
Lab File: VU052556.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

Tgt Ion: 96 Resp: 10502

Ion	Ratio	Lower	Upper
96	100		
61	161.3	108.3	201.1
98	69.4	44.0	81.6

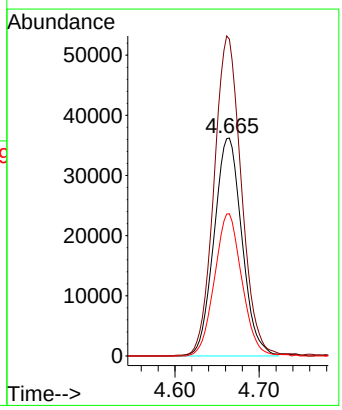


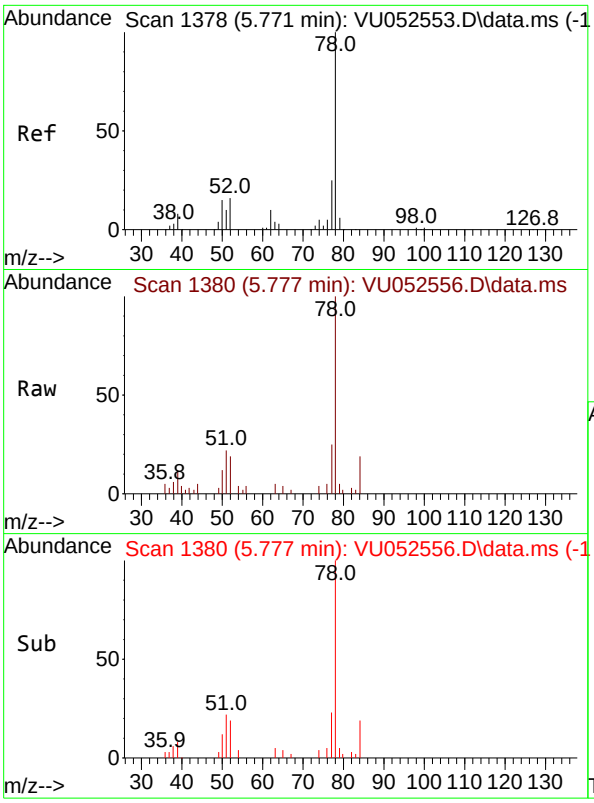


#22
cis-1,2-Dichloroethene
Concen: 6.186 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052556.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 96 Resp: 83332

Ion	Ratio	Lower	Upper
96	100		
61	145.4	96.9	180.1
98	65.3	44.7	83.1

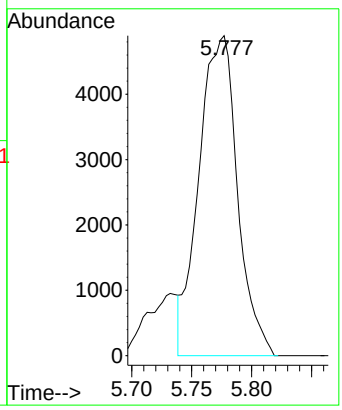


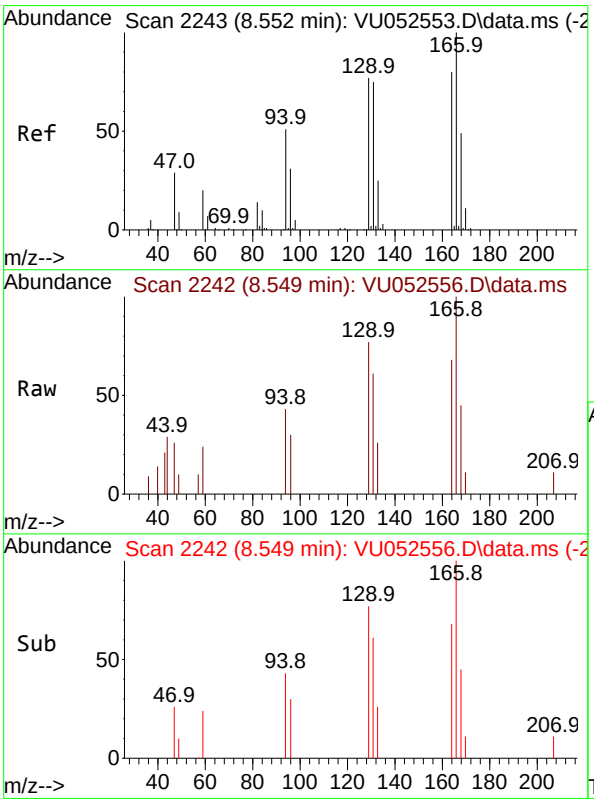


#33
Benzene
Concen: 0.199 ug/L
RT: 5.777 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU052556.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

Tgt Ion: 78 Resp: 10944

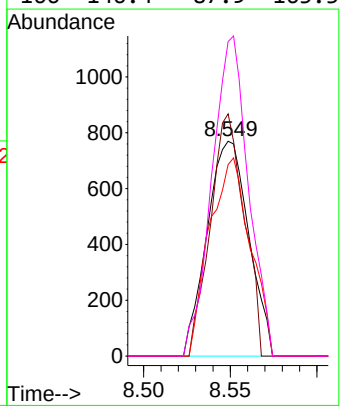


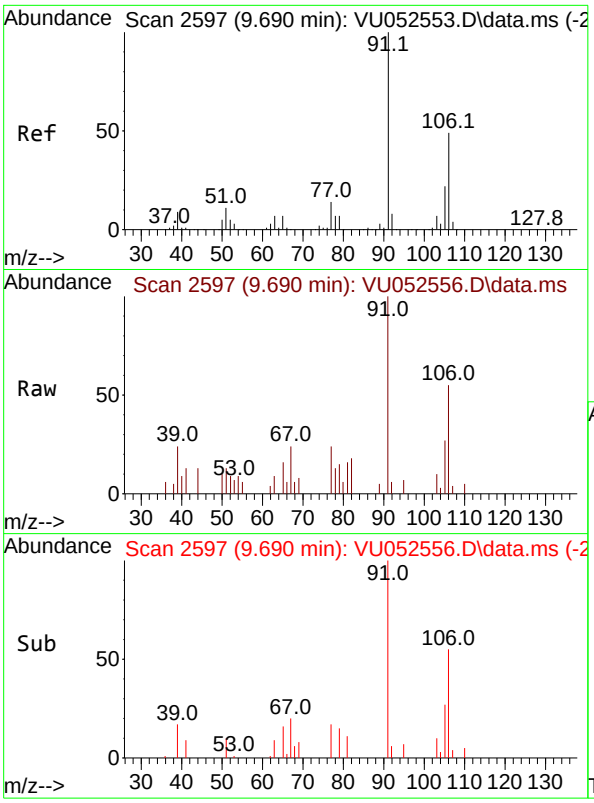


#47
Tetrachloroethene
Concen: 0.144 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052556.D
Acq: 27 Dec 2022 11:59

Tgt Ion:164 Resp: 1289

Ion	Ratio	Lower	Upper
164	100		
129	112.7	68.1	126.5
131	89.1	66.5	123.5
166	146.4	87.9	163.3



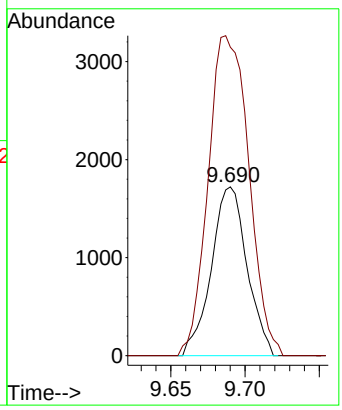


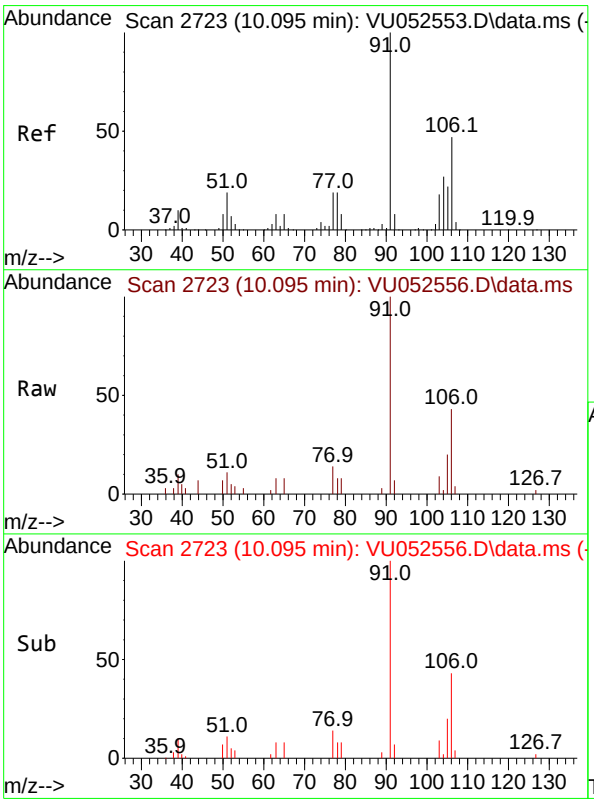
#53
m,p-Xylene
Concen: 0.143 ug/L
RT: 9.690 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU052556.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_U
ClientSampleId :
GBQB5

Tgt Ion:106 Resp: 2873

Ion	Ratio	Lower	Upper
106	100		
91	182.7	148.2	275.2





#54
o-Xylene
Concen: 0.178 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052556.D
Acq: 27 Dec 2022 11:59

Tgt Ion:106 Resp: 3429

Ion	Ratio	Lower	Upper
106	100		
91	234.5	153.2	284.4