Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046582.D
Acq On : 23 Dec 2021 21:49
Operator : SY/MD
Sample : M5170-04RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 24 04:58:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 24 04:54:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	77332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	76010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20835	3.420	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.400%			
7) Chloroethane-d5	1.919	69	19120	3.986	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.800%			
11) 1,1-Dichloroethene-d2	2.575	65	9276	3.611	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.200%			
20) 2-Butanone-d5	4.655	46	101259	57.310	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.620%			
24) Chloroform-d	5.067	84	48114	4.311	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.200%			
26) 1,2-Dichloroethane-d4	5.706	65	29888	4.684	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.732	84	86829	4.098	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.000%			
36) 1,2-Dichloropropane-d6	6.694	67	28220	4.432	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.600%			
41) Toluene-d8	7.899	98	71003	3.692	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.800%			
43) trans-1,3-Dichloroprop...	8.182	79	11903	4.042	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.800%			
46) 2-Hexanone-d5	8.636	63	93666	54.177	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.360%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31818	4.869	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	33826	4.772	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.400%			
Target Compounds						Qvalue
14) Carbon disulfide	2.800	76	6570	0.296	ug/L #	95
22) cis-1,2-Dichloroethene	4.671	96	1361	0.172	ug/L	86
33) Benzene	5.777	78	34189	1.132	ug/L	100
37) 1,2-Dichloropropane	6.690	63	3329	0.432	ug/L #	88
40) 4-Methyl-2-pentanone	7.796	43	8158	1.411	ug/L	97
42) Toluene	7.970	91	52861	1.705	ug/L	98
49) Dibromochloromethane	8.552	129	697	0.091	ug/L #	10
52) Ethylbenzene	9.571	91	16267	0.507	ug/L	95
53) m,p-Xylene	9.693	106	12997	1.057	ug/L	84
54) o-Xylene	10.102	106	4407	0.373	ug/L	77
60) Isopropylbenzene	10.484	105	1879	0.063	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.089	105	8339	0.338	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	43060	1.733	ug/L	100
71) Naphthalene	14.085	128	37546	1.828	ug/L	98

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

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Acq On : 23 Dec 2021 21:49
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Misc : 25.0mL/MSVOA_U/WATER
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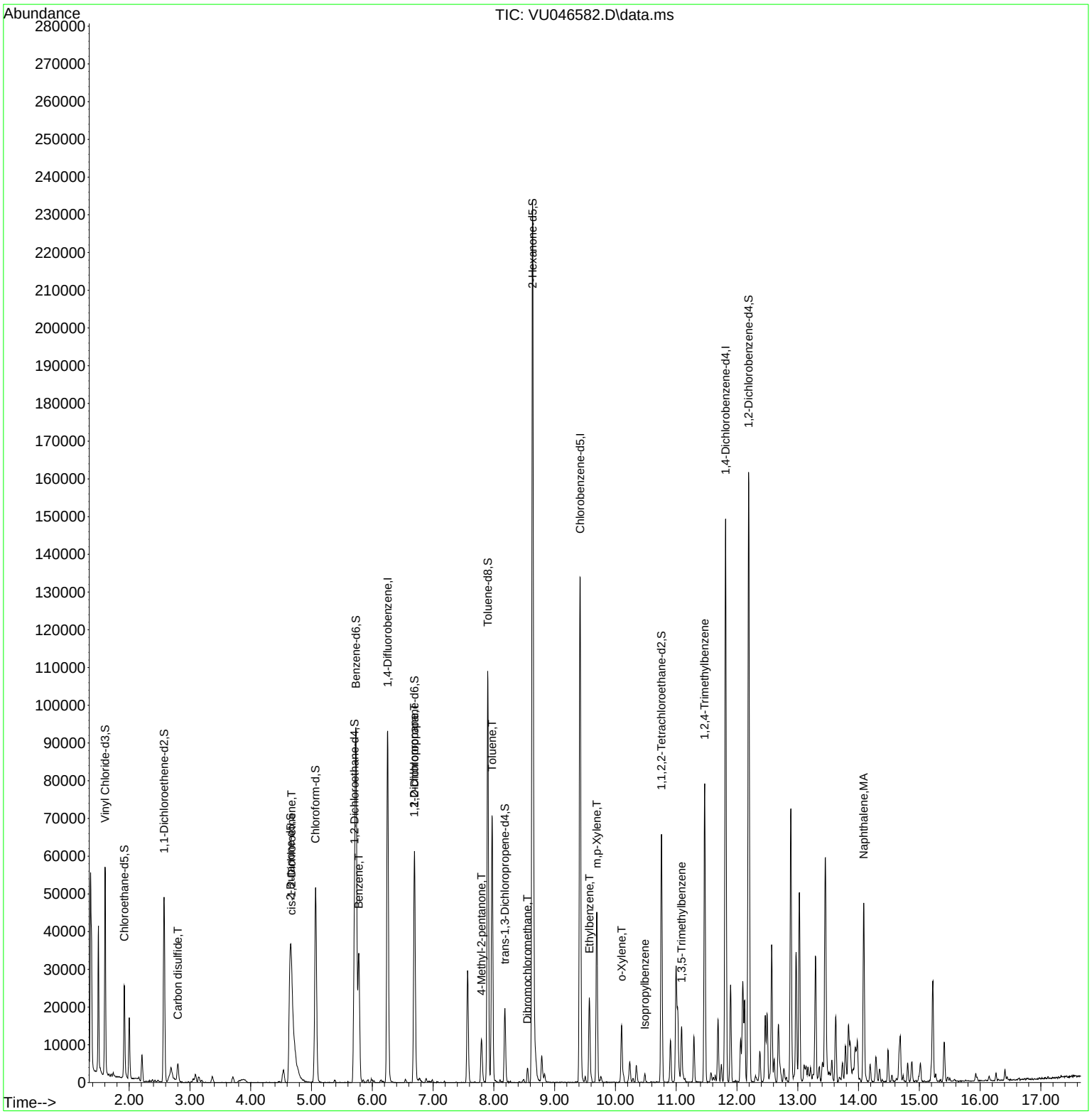
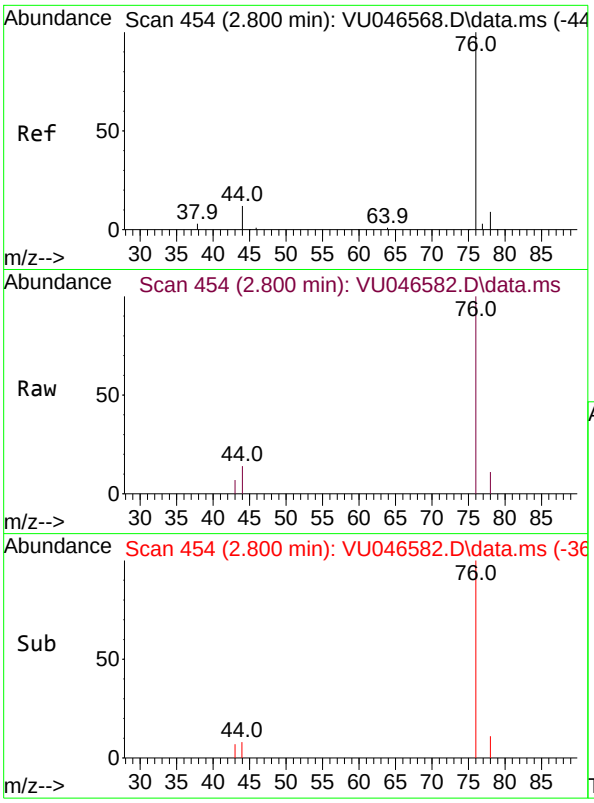
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 24 04:58:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 24 04:54:59 2021
Response via : Initial Calibration



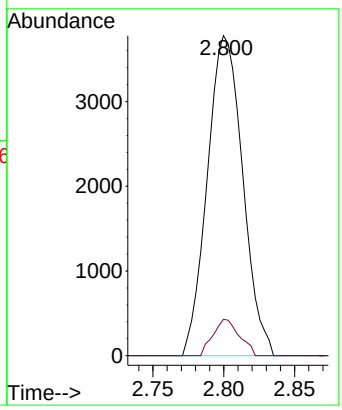


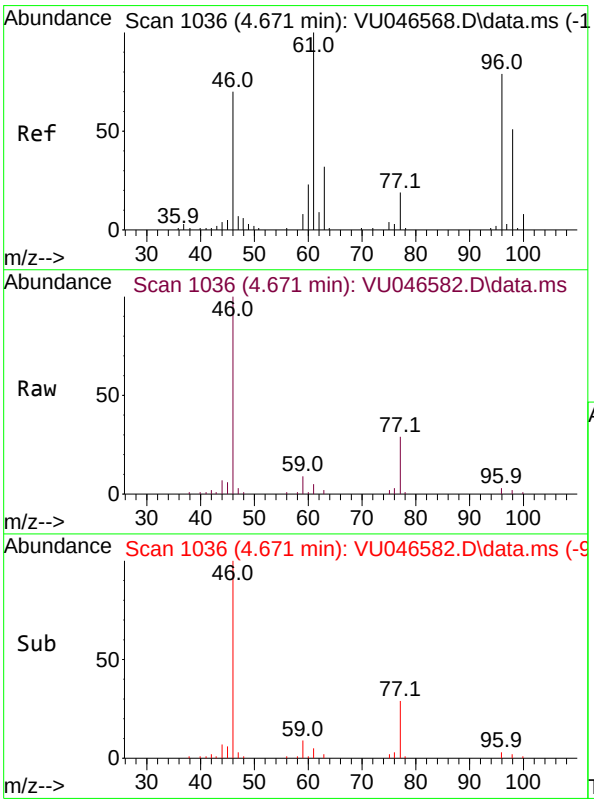
#14
Carbon disulfide
Concen: 0.296 ug/L
RT: 2.800 min Scan# 4
Delta R.T. -0.000 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 6570

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.5	11.3#

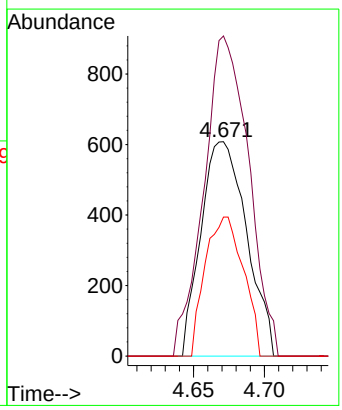


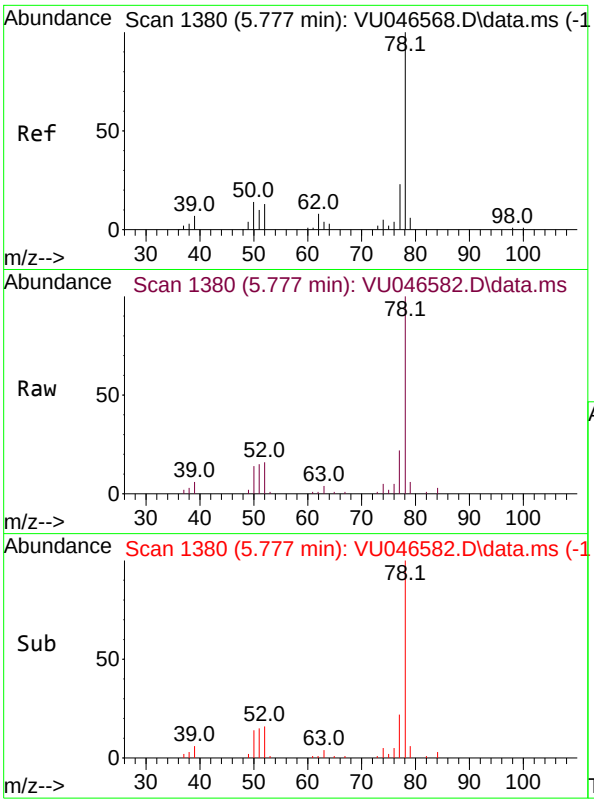


#22
cis-1,2-Dichloroethene
Concen: 0.172 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Tgt Ion: 96 Resp: 1361

Ion	Ratio	Lower	Upper
96	100		
61	149.3	88.5	164.3
98	64.8	44.4	82.5

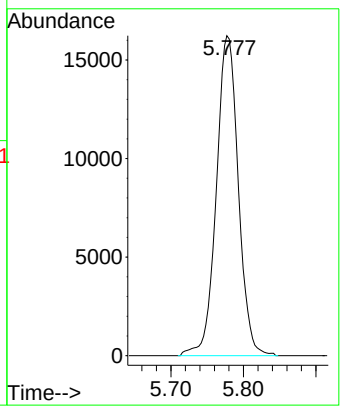


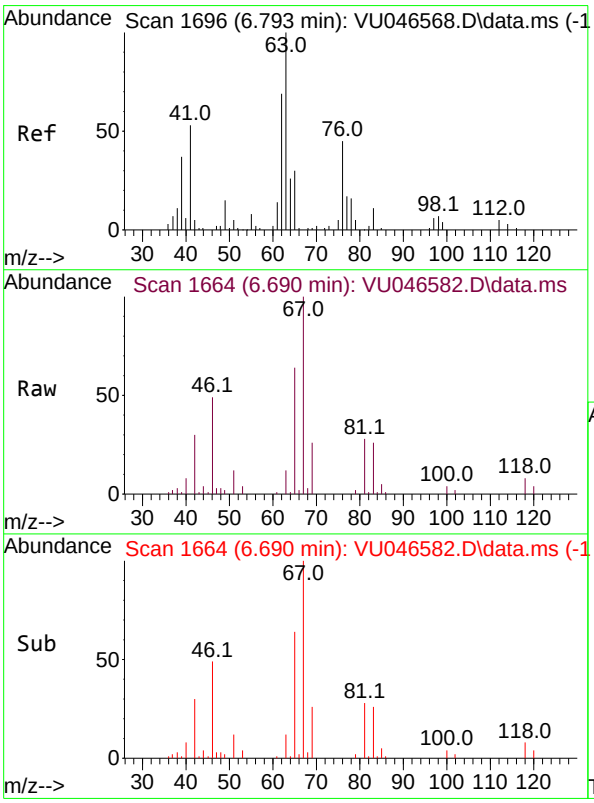


#33
Benzene
Concen: 1.132 ug/L
RT: 5.777 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 34189

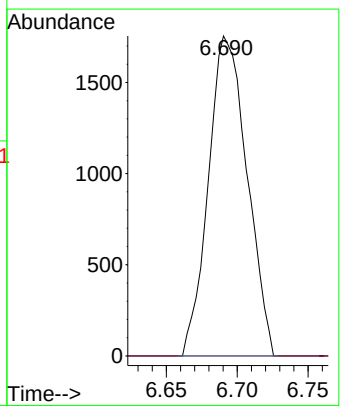


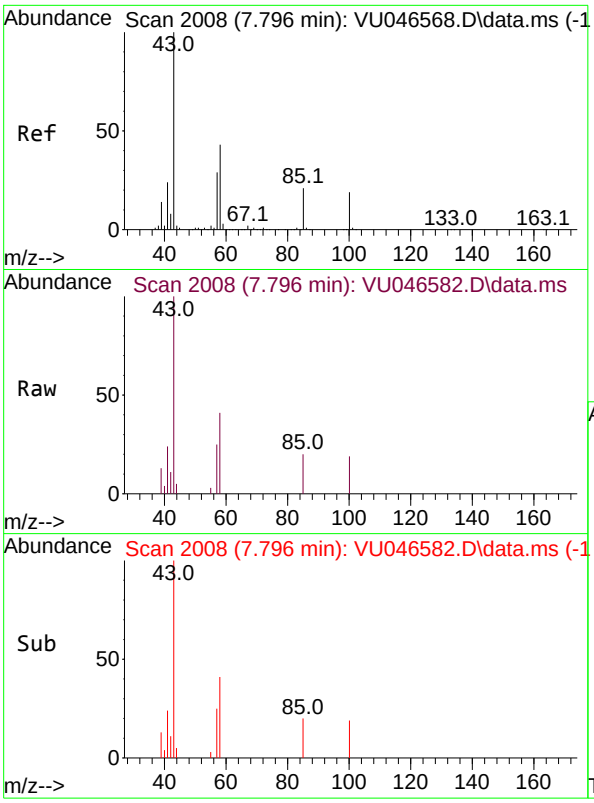


#37
1,2-Dichloropropane
Concen: 0.432 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.106 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Tgt Ion: 63 Resp: 3329

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



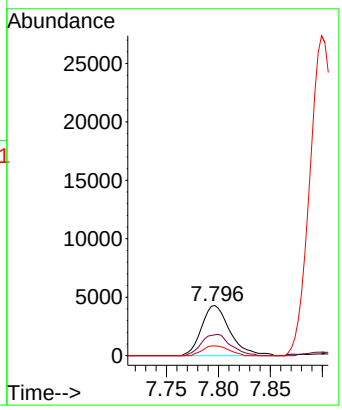


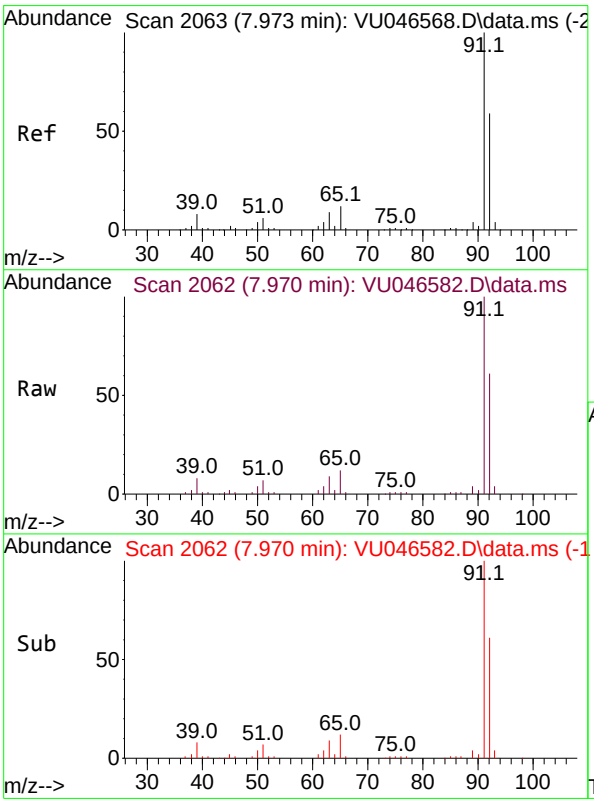
#40
4-Methyl-2-pentanone
Concen: 1.411 ug/L
RT: 7.796 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 8158

Ion	Ratio	Lower	Upper
43	100		
58	43.4	33.1	49.7
100	18.0	13.2	19.8

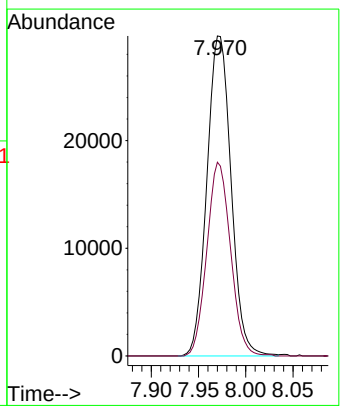


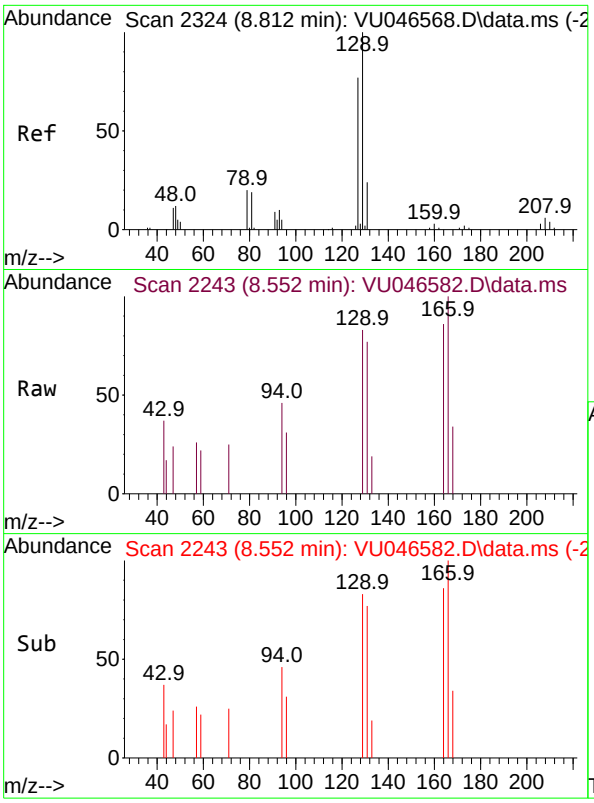


#42
Toluene
Concen: 1.705 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Tgt Ion: 91 Resp: 52861

Ion	Ratio	Lower	Upper
91	100		
92	60.5	41.3	76.7



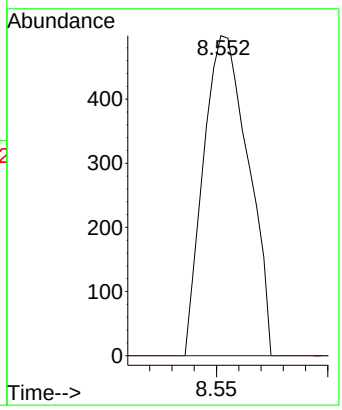


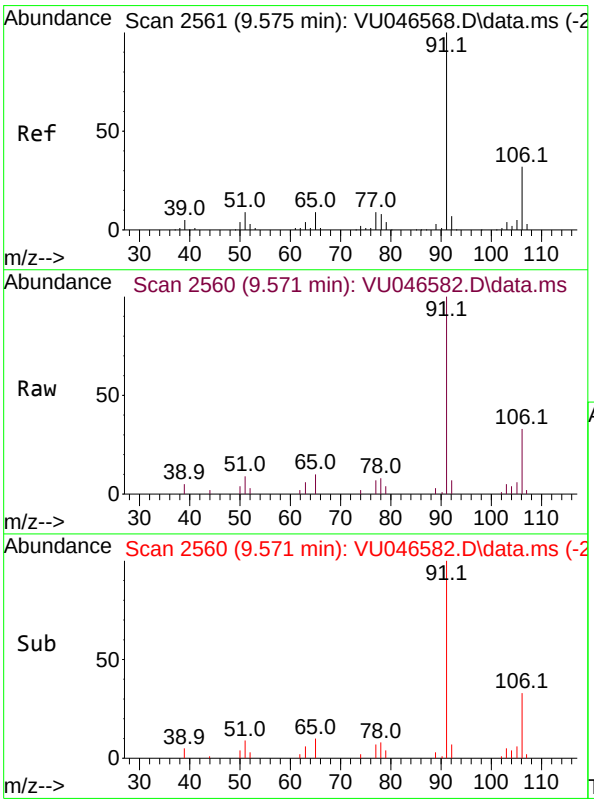
#49
Dibromochloromethane
Concen: 0.091 ug/L
RT: 8.552 min Scan# 2
Delta R.T. -0.260 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 697

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	102.8#

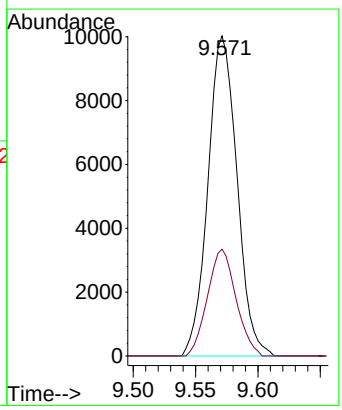


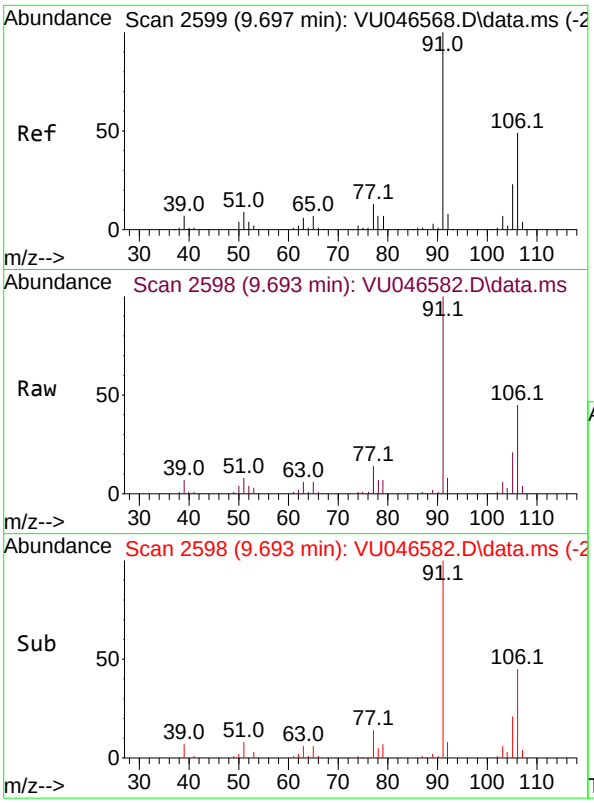


#52
Ethylbenzene
Concen: 0.507 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Tgt Ion: 91 Resp: 16267

Ion	Ratio	Lower	Upper
91	100		
106	33.4	21.5	39.9



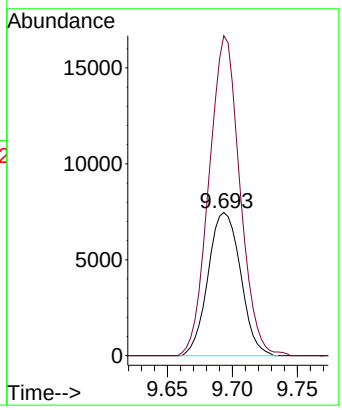


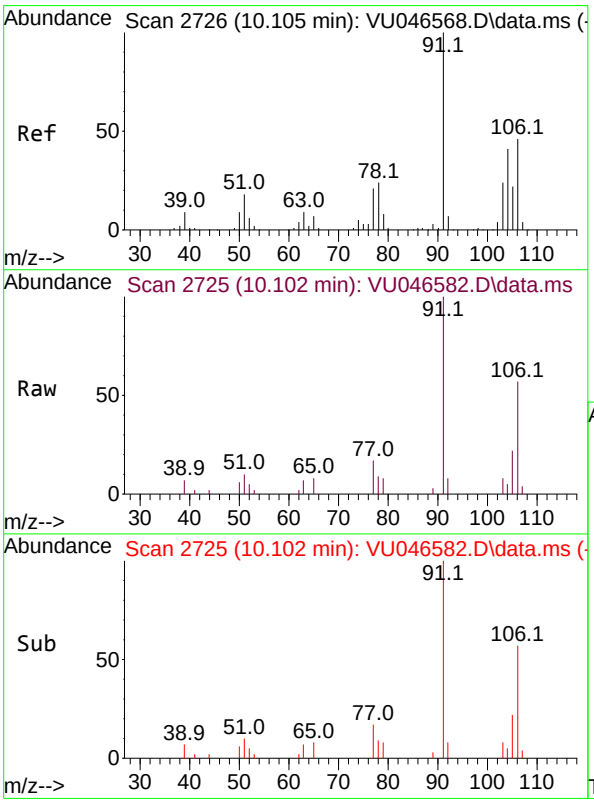
#53
m,p-Xylene
Concen: 1.057 ug/L
RT: 9.693 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 12997

Ion	Ratio	Lower	Upper
106	100		
91	223.5	139.4	259.0

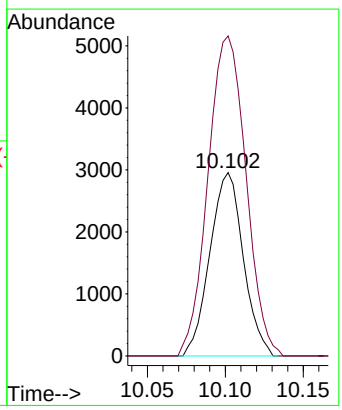


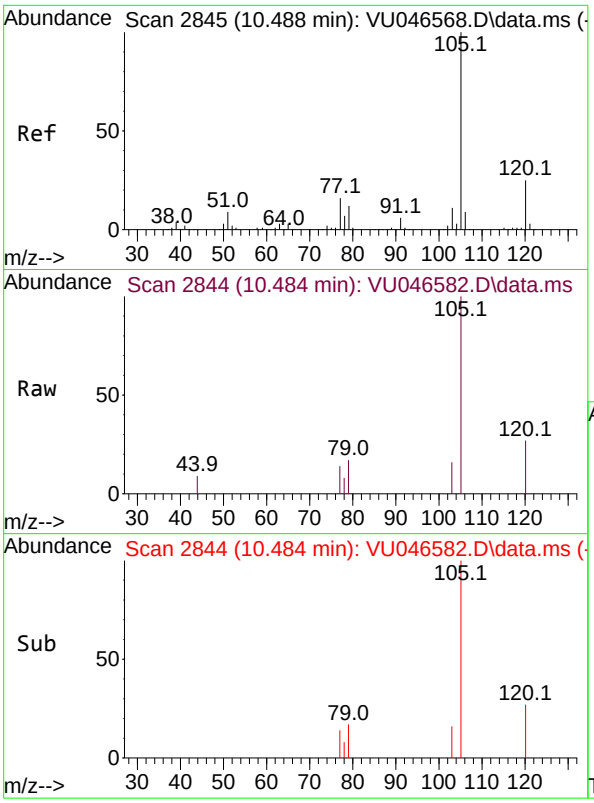


#54
o-Xylene
Concen: 0.373 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Tgt Ion:106 Resp: 4407

Ion	Ratio	Lower	Upper
106	100		
91	174.5	147.5	273.9



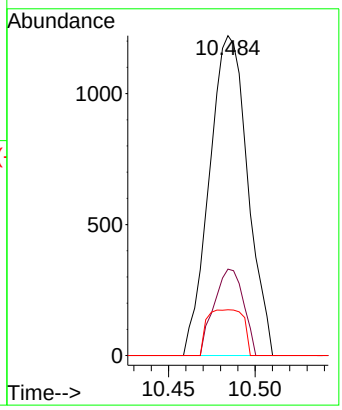


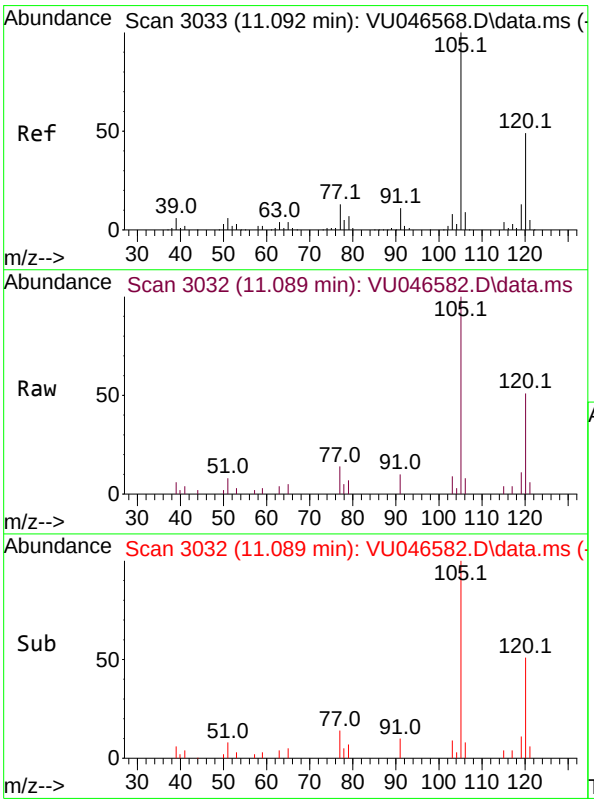
#60
Isopropylbenzene
Concen: 0.063 ug/L
RT: 10.484 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 1879

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.7	31.1#
77	13.5	12.6	19.0

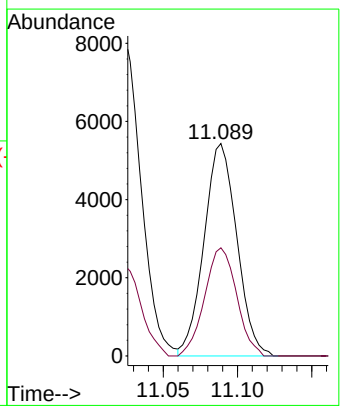


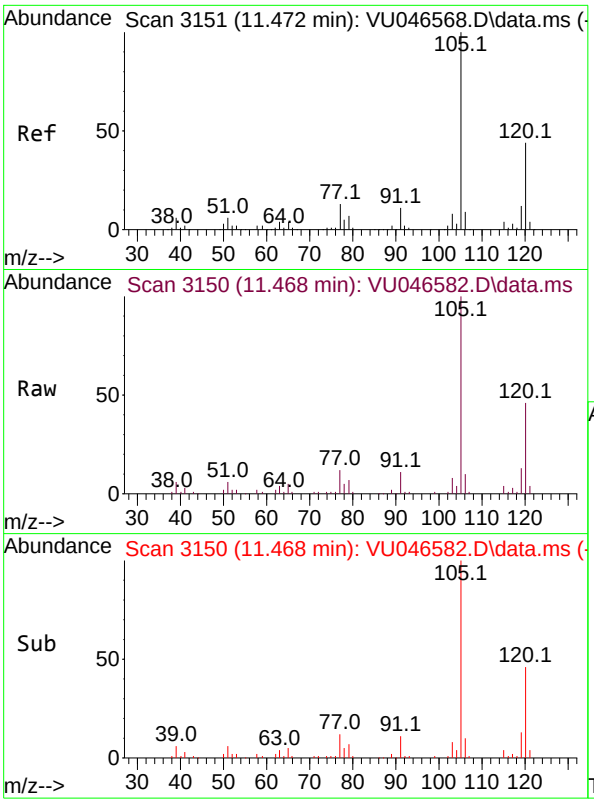


#62
1,3,5-Trimethylbenzene
Concen: 0.338 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Tgt Ion:105 Resp: 8339

Ion	Ratio	Lower	Upper
105	100		
120	49.6	38.3	57.5



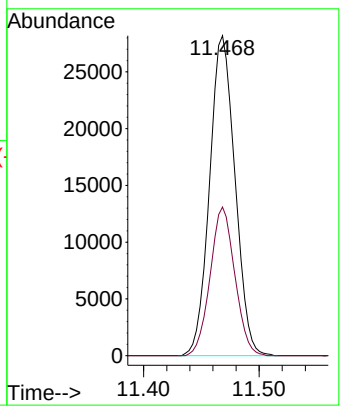


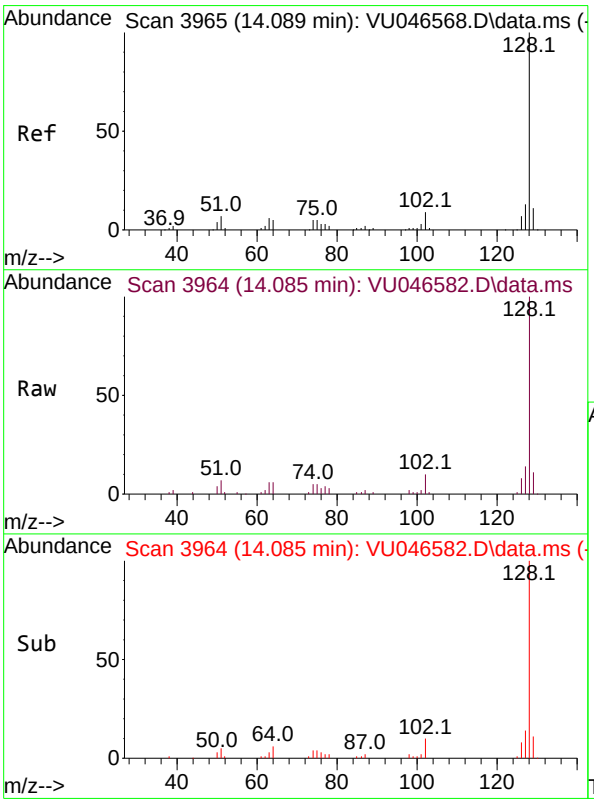
#63
1,2,4-Trimethylbenzene
Concen: 1.733 ug/L
RT: 11.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 43060

Ion	Ratio	Lower	Upper
105	100		
120	45.0	35.8	53.8





#71
Naphthalene
Concen: 1.828 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046582.D
Acq: 23 Dec 2021 21:49

Tgt Ion:128 Resp: 37546

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	13.4	10.2	15.2