Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 24 05:00:48 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	6.250	114	76244	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	74675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	19510	3.249	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.000%			
7) Chloroethane-d5	1.909	69	16603	3.511	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.200%			
11) 1,1-Dichloroethene-d2	2.562	65	8721	3.444	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.800%			
20) 2-Butanone-d5	4.752	46	63713	36.575	ug/L	0.10
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.140%			
24) Chloroform-d	5.067	84	46325	4.210	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.200%			
26) 1,2-Dichloroethane-d4	5.710	65	27966	4.445	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
32) Benzene-d6	5.726	84	83656	4.019	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.400%			
36) 1,2-Dichloropropane-d6	6.694	67	27671	4.424	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	7.896	98	71753	3.798	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.000%			
43) trans-1,3-Dichloroprop...	8.182	79	11623	4.018	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.400%			
46) 2-Hexanone-d5	8.648	63	72418	42.636	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.280%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29341	4.570	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	33756	4.604	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
13) Acetone	2.806	43	13664	8.366	ug/L	45
15) Methyl Acetate	2.928	43	731	0.222	ug/L #	51
21) 2-Butanone	4.825	43	15608	6.299	ug/L #	72
33) Benzene	5.771	78	8135	0.274	ug/L	100
35) Methylcyclohexane	6.694	83	6956	0.631	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	3060	0.404	ug/L #	88
40) 4-Methyl-2-pentanone	7.813	43	27587	4.856	ug/L	97
42) Toluene	7.970	91	19766	0.649	ug/L	96
52) Ethylbenzene	9.571	91	9262	0.294	ug/L	99
53) m,p-Xylene	9.693	106	9362	0.775	ug/L	93
54) o-Xylene	10.099	106	2956	0.255	ug/L	90
60) Isopropylbenzene	10.999	105	10273	0.335	ug/L	94
62) 1,3,5-Trimethylbenzene	11.089	105	5907	0.231	ug/L	95
63) 1,2,4-Trimethylbenzene	11.468	105	34019	1.323	ug/L	100
71) Naphthalene	14.086	128	50022	2.355	ug/L	98

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

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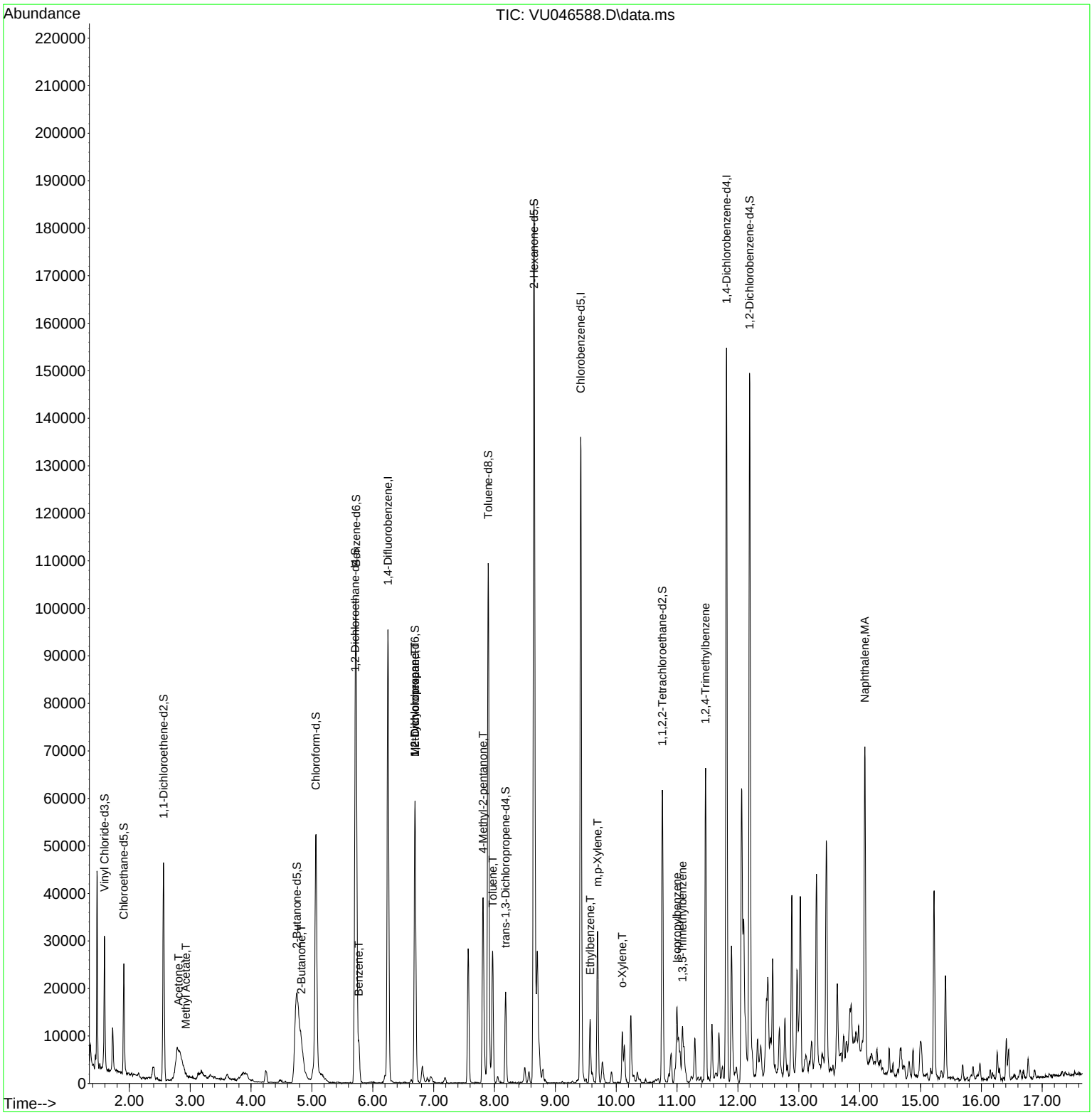
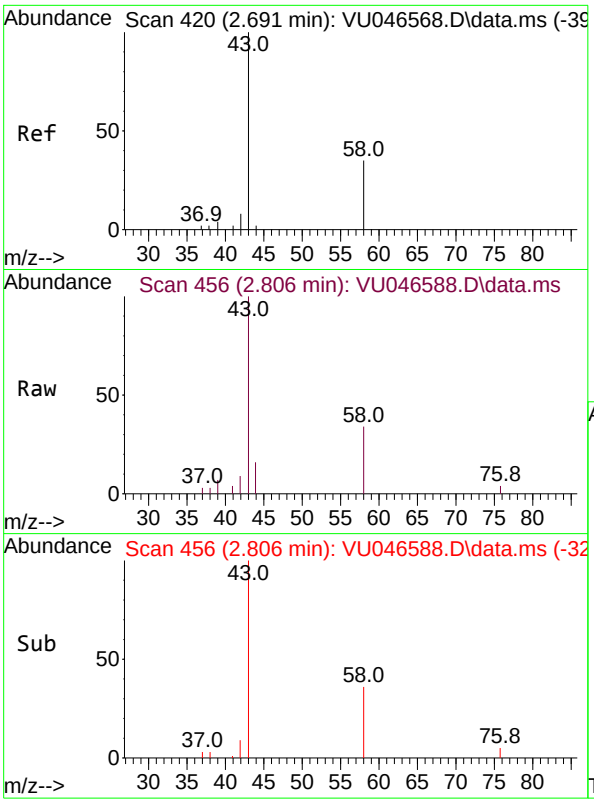
Quant Time: Dec 24 05:00:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 24 04:54:59 2021
Response via : Initial Calibration



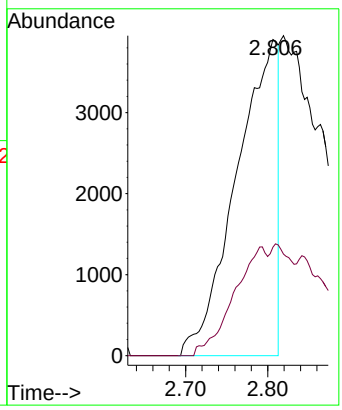


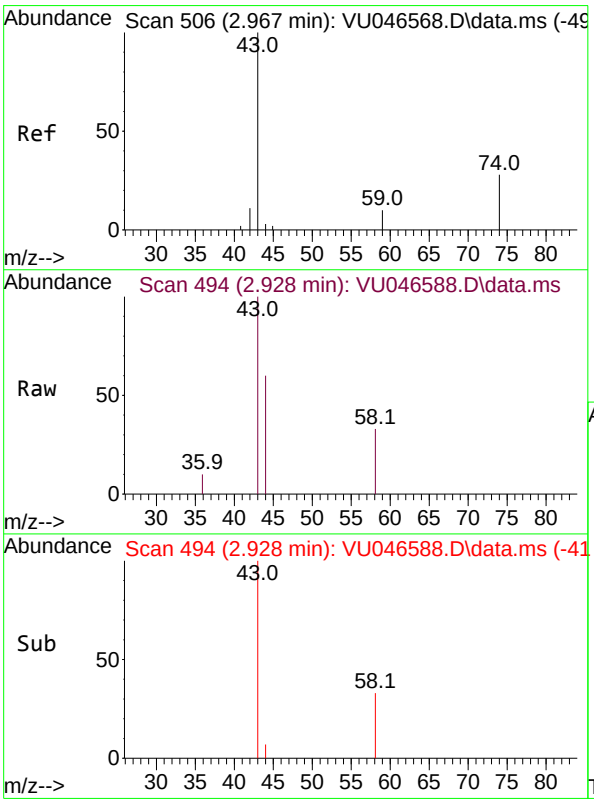
#13
Acetone
Concen: 8.366 ug/L
RT: 2.806 min Scan# 4
Delta R.T. 0.113 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 13664

Ion	Ratio	Lower	Upper
43	100		
58	3.4	0.0	71.6

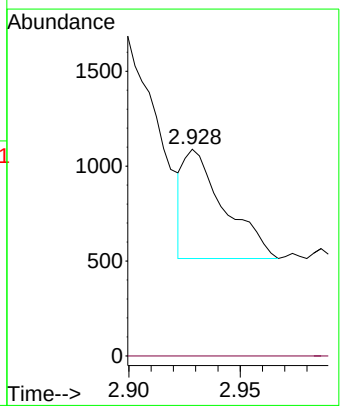


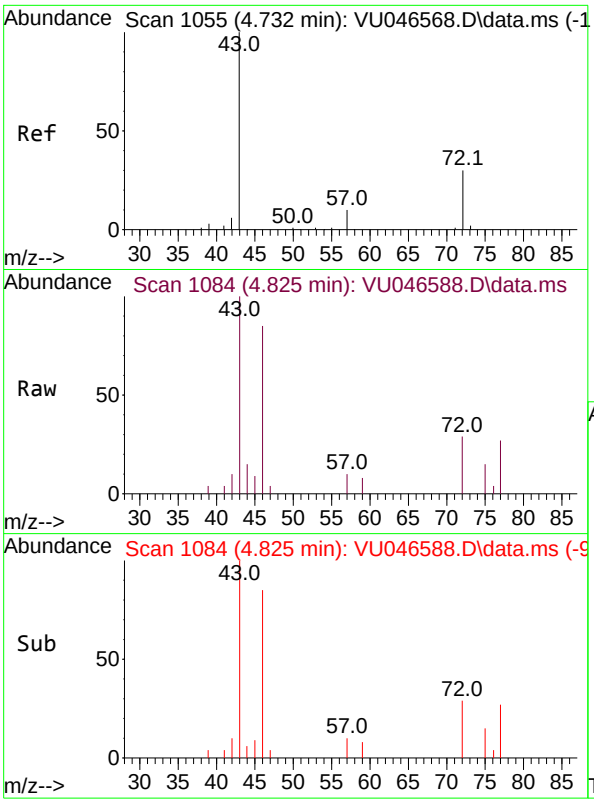


#15
Methyl Acetate
Concen: 0.222 ug/L
RT: 2.928 min Scan# 494
Delta R.T. -0.042 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Tgt Ion: 43 Resp: 731

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.1	28.7#



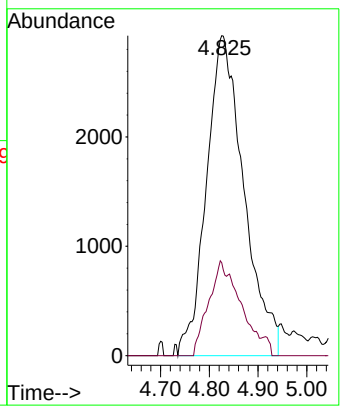


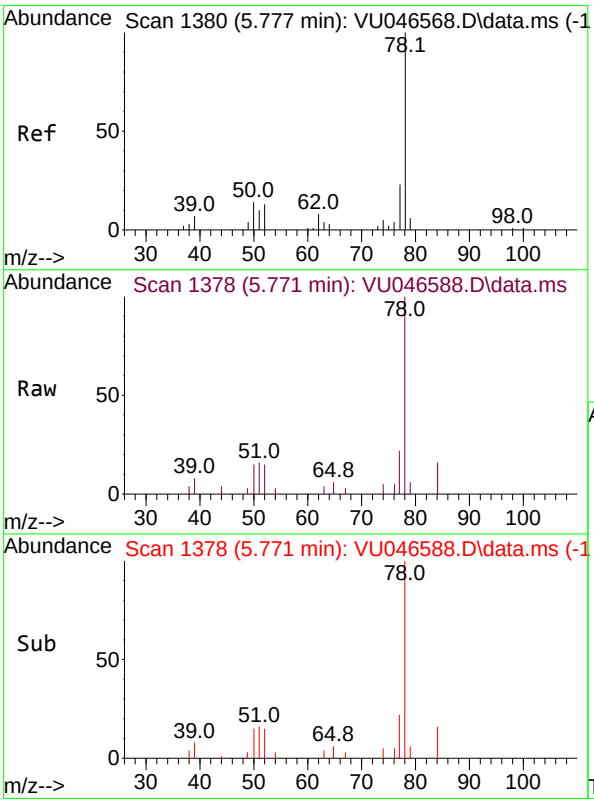
#21
2-Butanone
Concen: 6.299 ug/L
RT: 4.825 min Scan# 1
Delta R.T. 0.090 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 15608

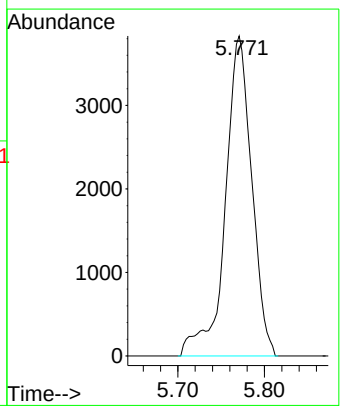
Ion	Ratio	Lower	Upper
43	100		
72	13.6	14.1	42.3#

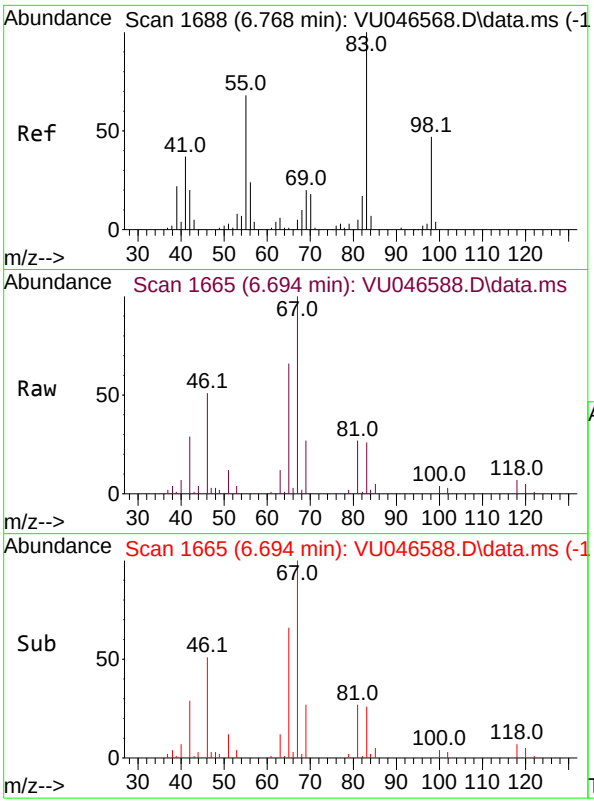




#33
Benzene
Concen: 0.274 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Tgt Ion: 78 Resp: 8135



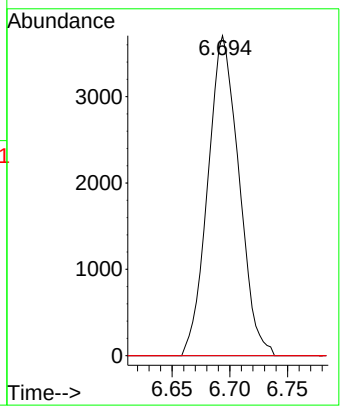


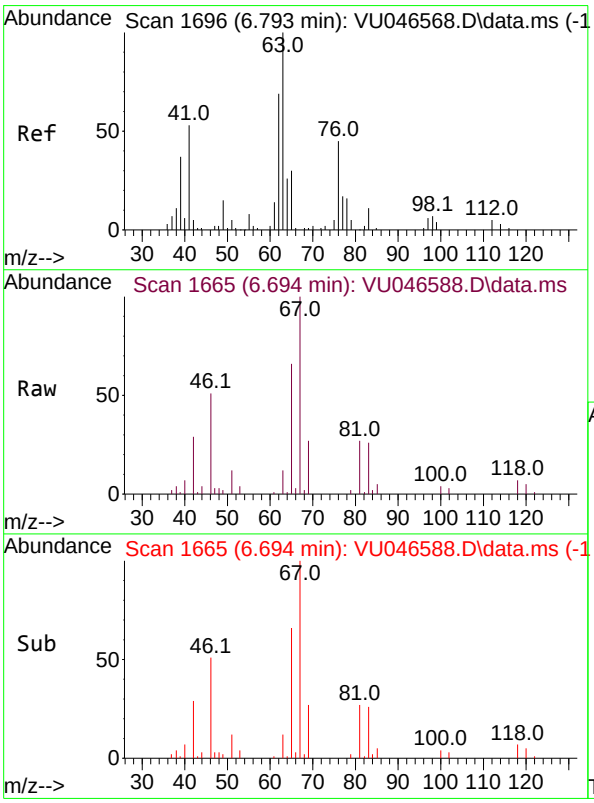
#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 6956

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.0	39.0	58.6#

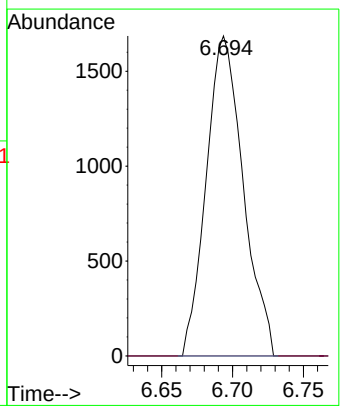


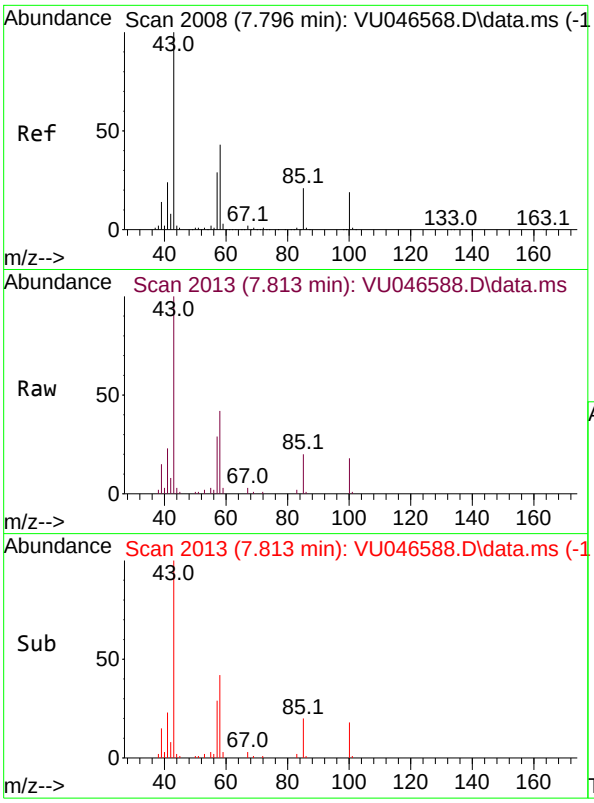


#37
1,2-Dichloropropane
Concen: 0.404 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Tgt Ion: 63 Resp: 3060

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



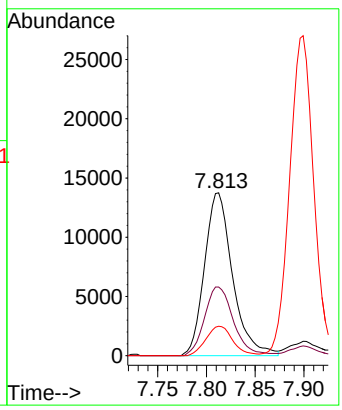


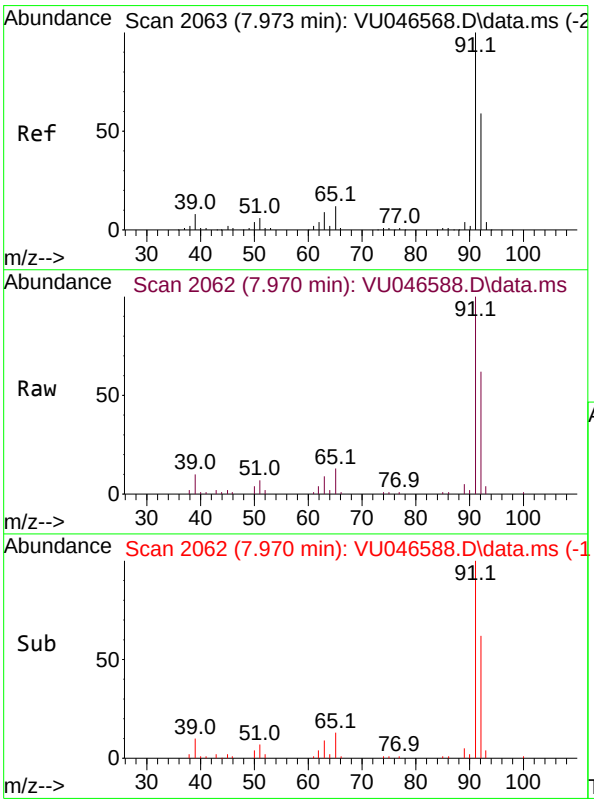
#40
4-Methyl-2-pentanone
Concen: 4.856 ug/L
RT: 7.813 min Scan# 2
Delta R.T. 0.016 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 27587

Ion	Ratio	Lower	Upper
43	100		
58	43.3	33.1	49.7
100	17.4	13.2	19.8

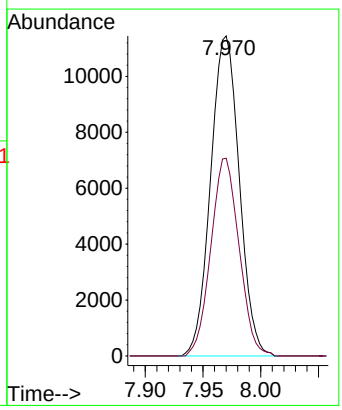


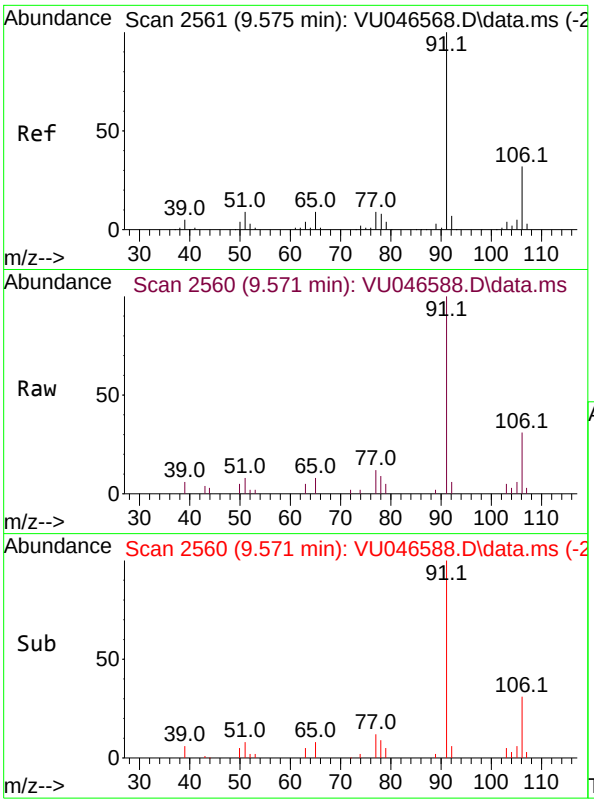


#42
Toluene
Concen: 0.649 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Tgt Ion: 91 Resp: 19766

Ion	Ratio	Lower	Upper
91	100		
92	61.8	41.3	76.7



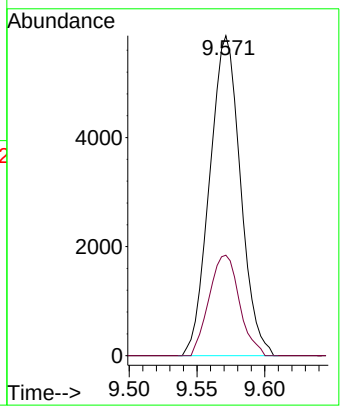


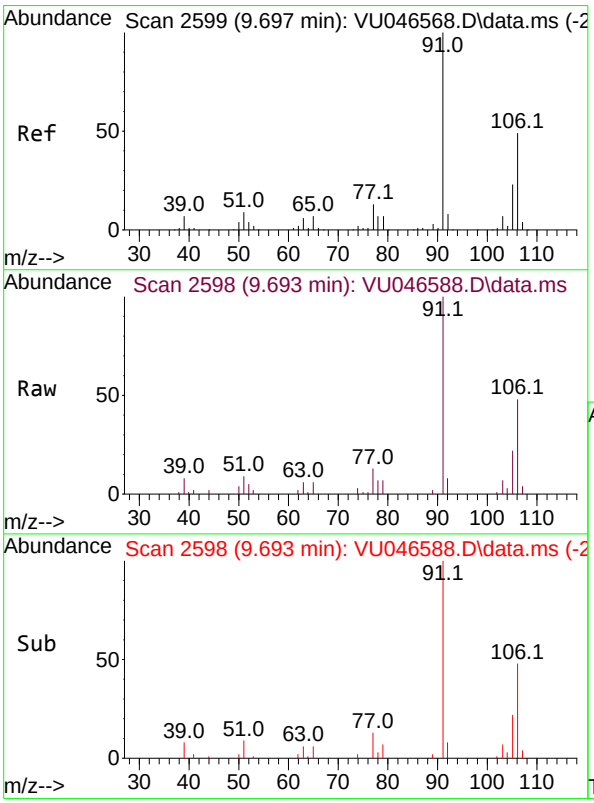
#52
Ethylbenzene
Concen: 0.294 ug/L
RT: 9.571 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 9262

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.5	39.9

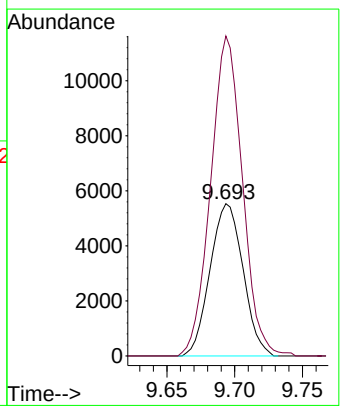


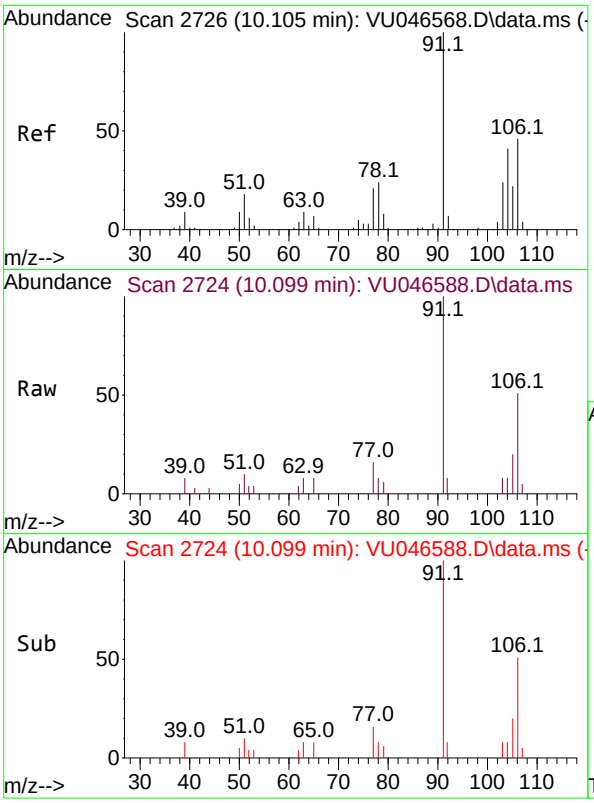


#53
m,p-Xylene
Concen: 0.775 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Tgt Ion:106 Resp: 9362

Ion	Ratio	Lower	Upper
106	100		
91	210.1	139.4	259.0



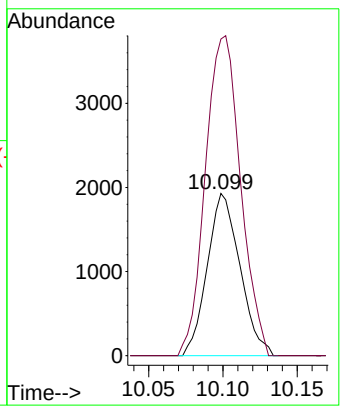


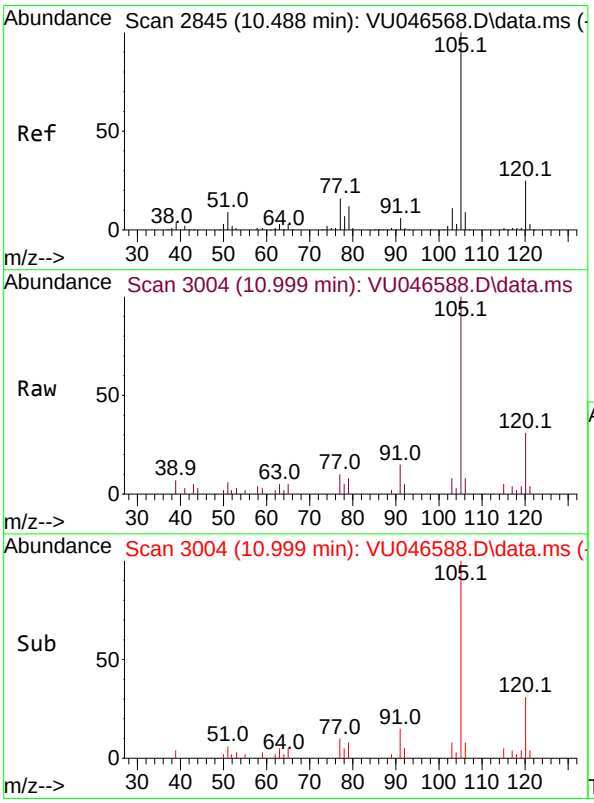
#54
o-Xylene
Concen: 0.255 ug/L
RT: 10.099 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2956

Ion	Ratio	Lower	Upper
106	100		
91	195.3	147.5	273.9

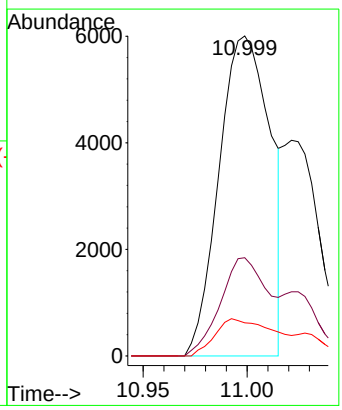


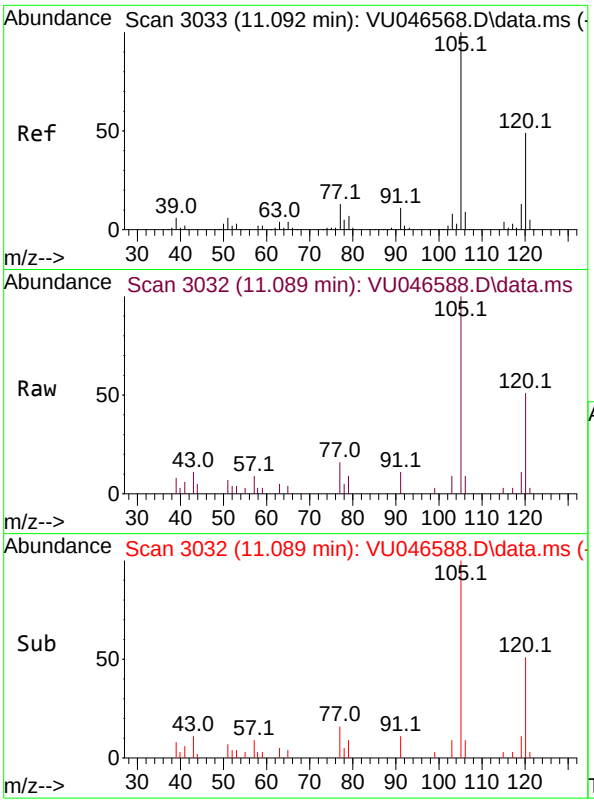


#60
Isopropylbenzene
Concen: 0.335 ug/L
RT: 10.999 min Scan# 3004
Delta R.T. 0.511 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Tgt Ion:105 Resp: 10273

Ion	Ratio	Lower	Upper
105	100		
120	28.8	20.7	31.1
77	13.4	12.6	19.0



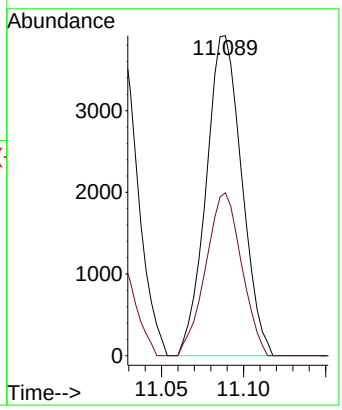


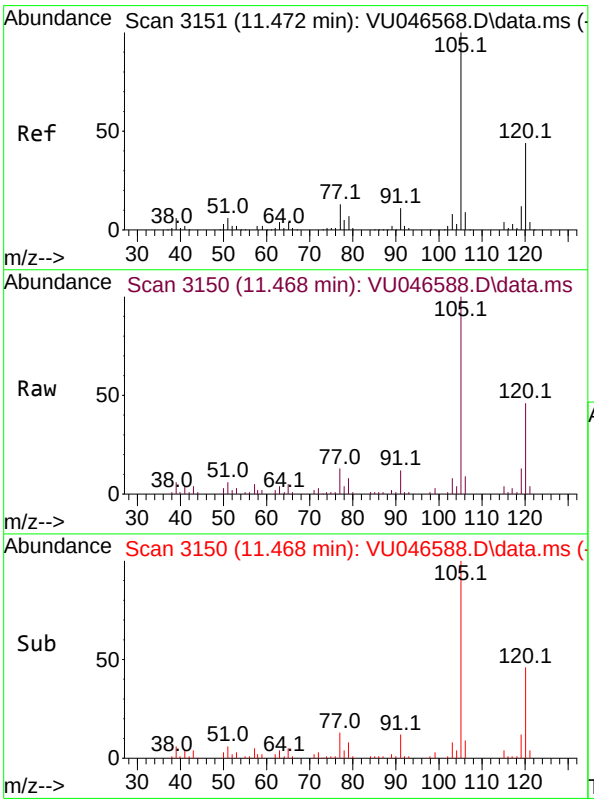
#62
1,3,5-Trimethylbenzene
Concen: 0.231 ug/L
RT: 11.089 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 5907

Ion	Ratio	Lower	Upper
105	100		
120	51.3	38.3	57.5

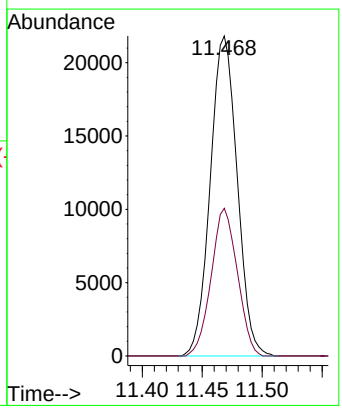


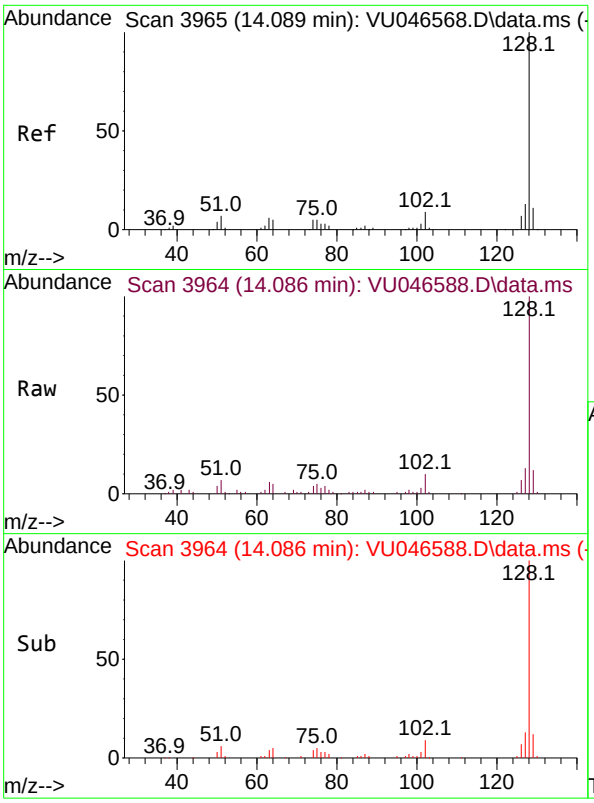


#63
1,2,4-Trimethylbenzene
Concen: 1.323 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Tgt Ion:105 Resp: 34019

Ion	Ratio	Lower	Upper
105	100		
120	44.9	35.8	53.8





#71
Naphthalene
Concen: 2.355 ug/L
RT: 14.086 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU046588.D
Acq: 24 Dec 2021 00:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 50022

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.4	12.6
127	12.5	10.2	15.2