Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
Data File : VU050134.D
Acq On : 08 Aug 2022 14:32
Operator : SY/MD
Sample : N4022-15RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Quant Time: Aug 09 00:40:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 09 00:39:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	69815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	69452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19272	3.317	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.400%			
7) Chloroethane-d5	1.912	69	18208	3.884	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.600%			
11) 1,1-Dichloroethene-d2	2.565	65	8341	3.673	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.400%			
20) 2-Butanone-d5	4.623	46	79347	56.003	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.000%			
24) Chloroform-d	5.067	84	45016	4.165	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.400%			
26) 1,2-Dichloroethane-d4	5.703	65	25684	4.629	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
32) Benzene-d6	5.729	84	83750	3.864	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.200%			
36) 1,2-Dichloropropane-d6	6.694	67	30917	4.332	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.600%			
41) Toluene-d8	7.899	98	65815	3.438	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.800%#			
43) trans-1,3-Dichloroprop...	8.182	79	10485	4.100	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.000%			
46) 2-Hexanone-d5	8.636	63	49595	54.683	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.360%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32116	5.124	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.400%			
66) 1,2-Dichlorobenzene-d4	12.195	152	25034	4.367	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	2798	0.373	ug/L #	79
8) Chloroethane	1.932	64	419	0.095	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	201	0.044	ug/L #	22
14) Carbon disulfide	2.793	76	3792	0.220	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	496	0.092	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	3318	0.553	ug/L	84
25) Chloroform	5.089	83	97	0.009	ug/L #	50
33) Benzene	5.777	78	7314	0.301	ug/L	100
35) Methylcyclohexane	6.694	83	6841	0.900	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	3033	0.468	ug/L #	89
42) Toluene	7.970	91	22597	0.926	ug/L	100
52) Ethylbenzene	9.571	91	41852	1.757	ug/L	98
53) m,p-Xylene	9.693	106	66969	7.636	ug/L	98
54) o-Xylene	10.102	106	17801	2.033	ug/L	98
55) Styrene	10.105	104	1502	0.103	ug/L #	1
60) Isopropylbenzene	10.102	105	8241	0.422	ug/L #	23
62) 1,3,5-Trimethylbenzene	11.089	105	1019	0.185	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	3883	0.258	ug/L	98
71) Naphthalene	14.095	128	1501	0.138	ug/L #	69

Quantitation Report (Not Reviewed)

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Quant Time: Aug 09 00:40:32 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 09 00:39:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
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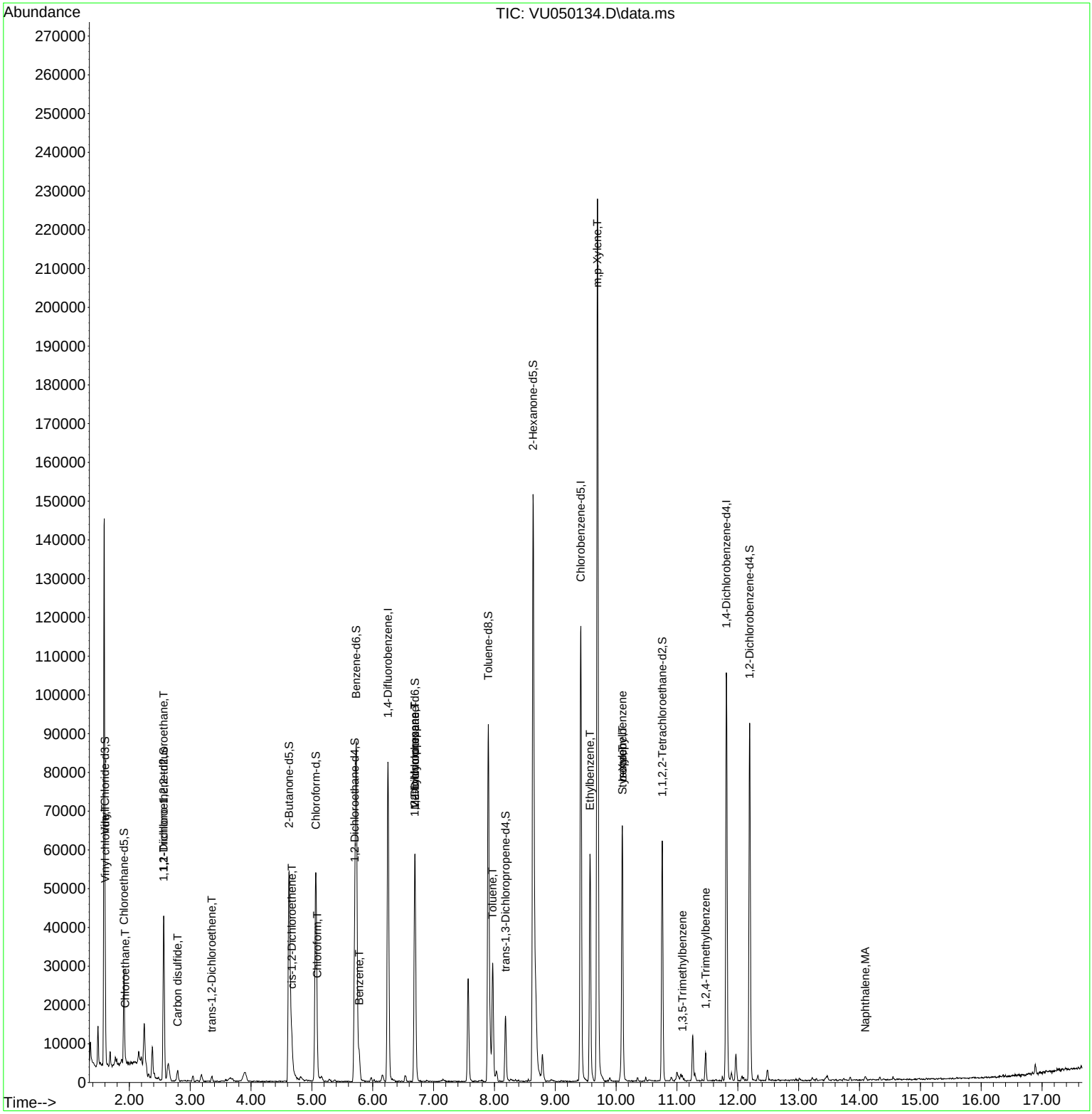
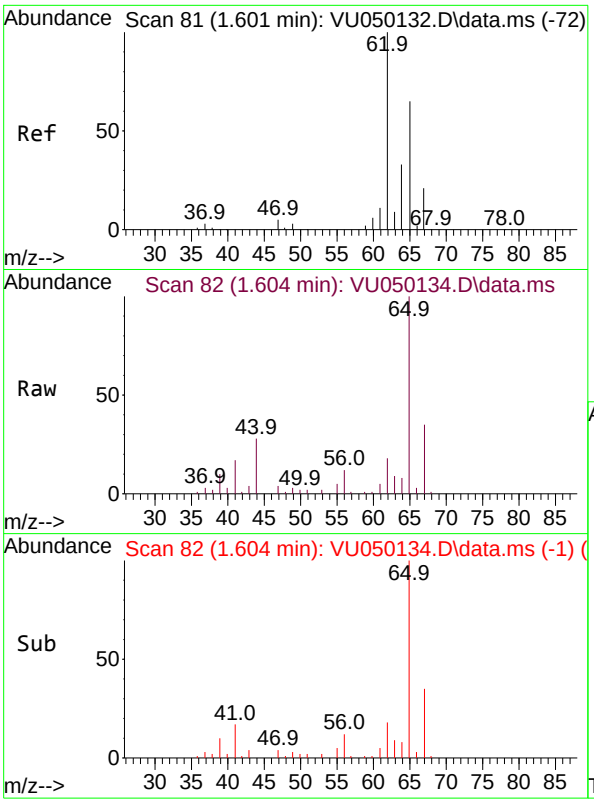


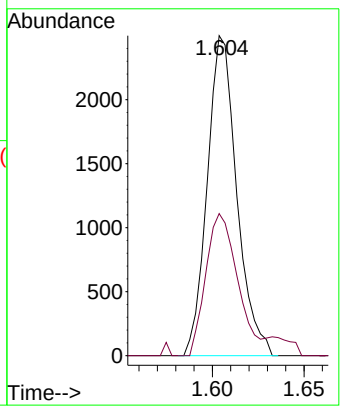


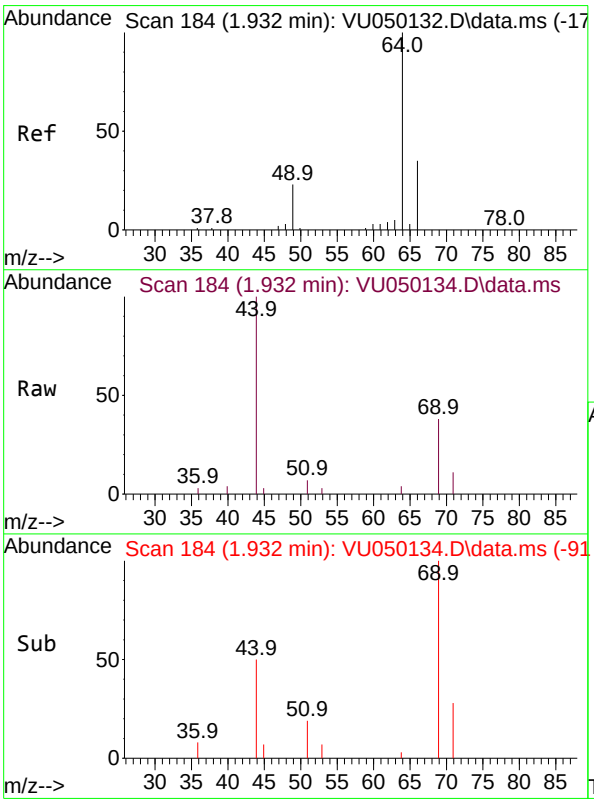
#5
Vinyl chloride
Concen: 0.373 ug/L
RT: 1.604 min Scan# 8
Delta R.T. 0.003 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Tgt Ion: 62 Resp: 2798

Ion	Ratio	Lower	Upper
62	100		
64	44.4	22.8	42.4#

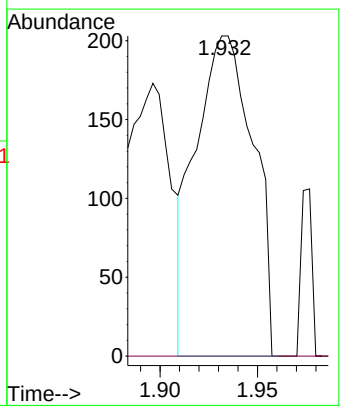


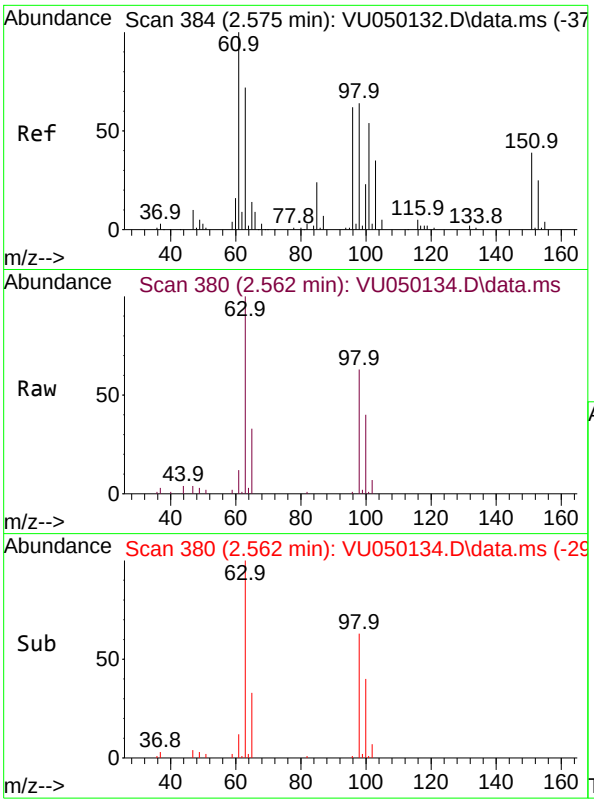


#8
Chloroethane
Concen: 0.095 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion: 64 Resp: 419

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.8	42.4#



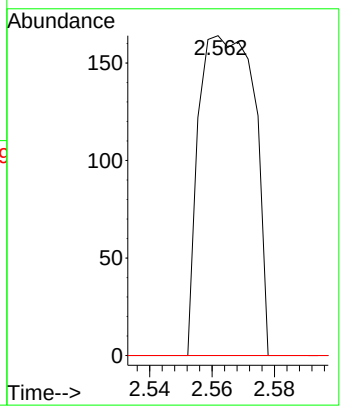


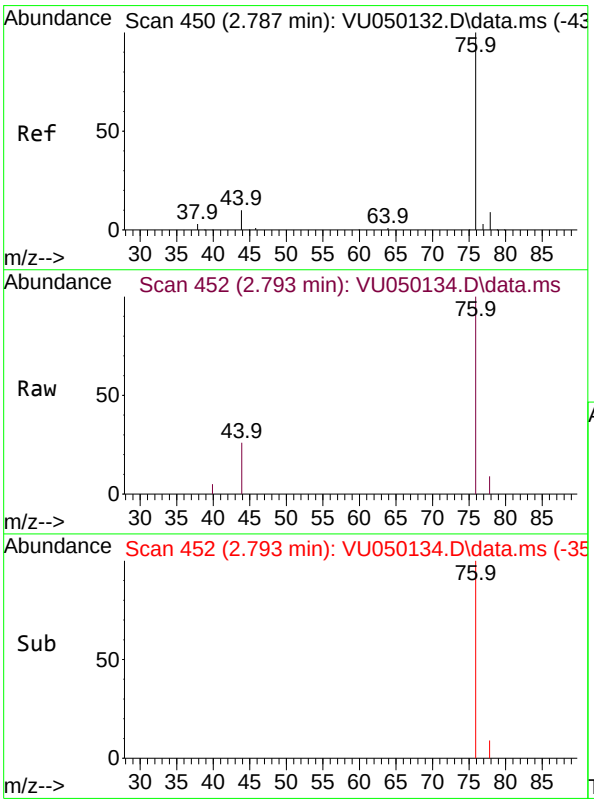
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.044 ug/L
RT: 2.562 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Tgt Ion:101 Resp: 201

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	55.2	82.8#

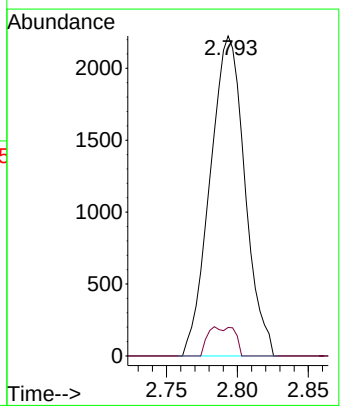


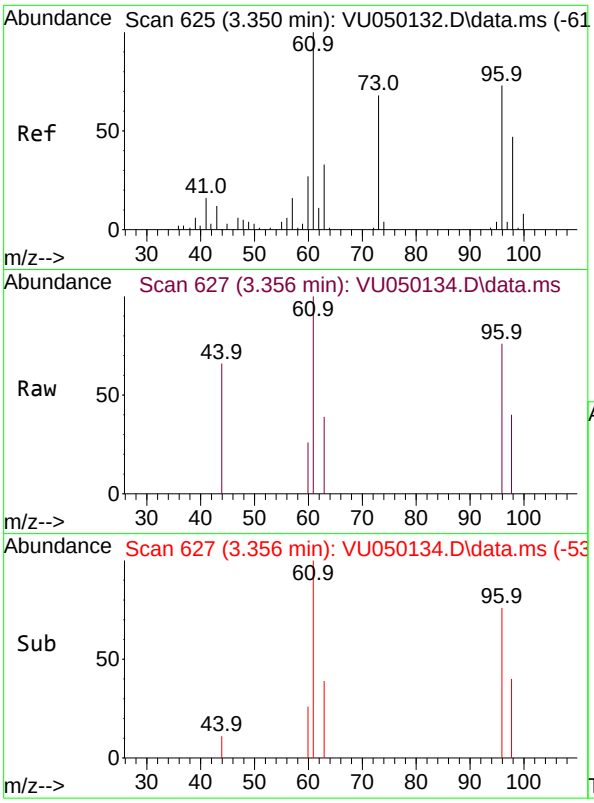


#14
Carbon disulfide
Concen: 0.220 ug/L
RT: 2.793 min Scan# 452
Delta R.T. 0.006 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion: 76 Resp: 3792

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0



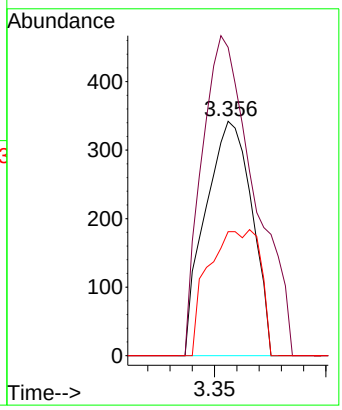


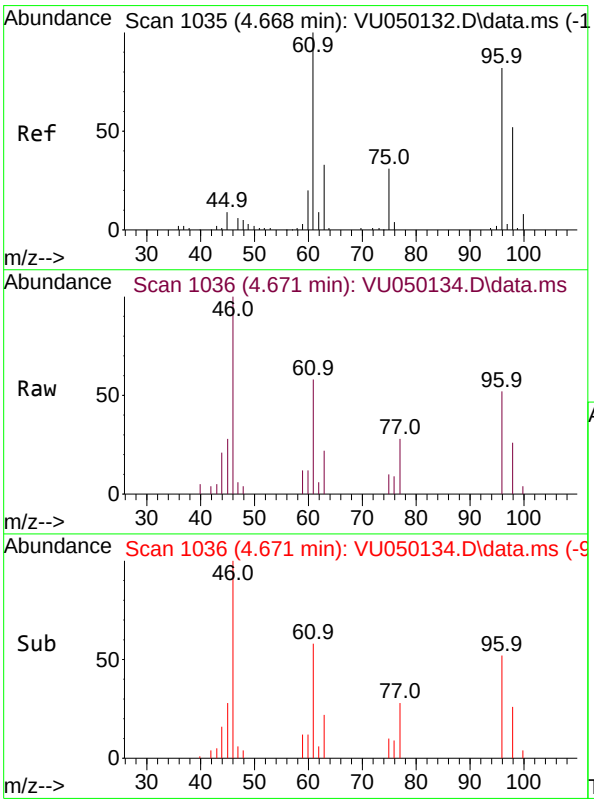
#18
trans-1,2-Dichloroethene
Concen: 0.092 ug/L
RT: 3.356 min Scan# 6
Delta R.T. 0.006 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Tgt Ion: 96 Resp: 496

Ion	Ratio	Lower	Upper
96	100		
61	131.6	92.3	171.5
98	52.9	43.2	80.2

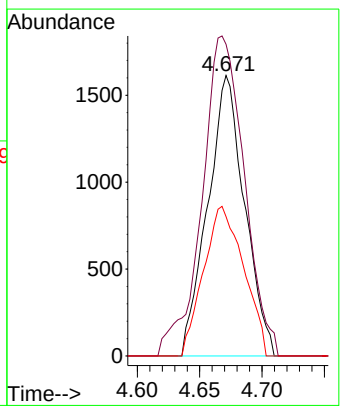


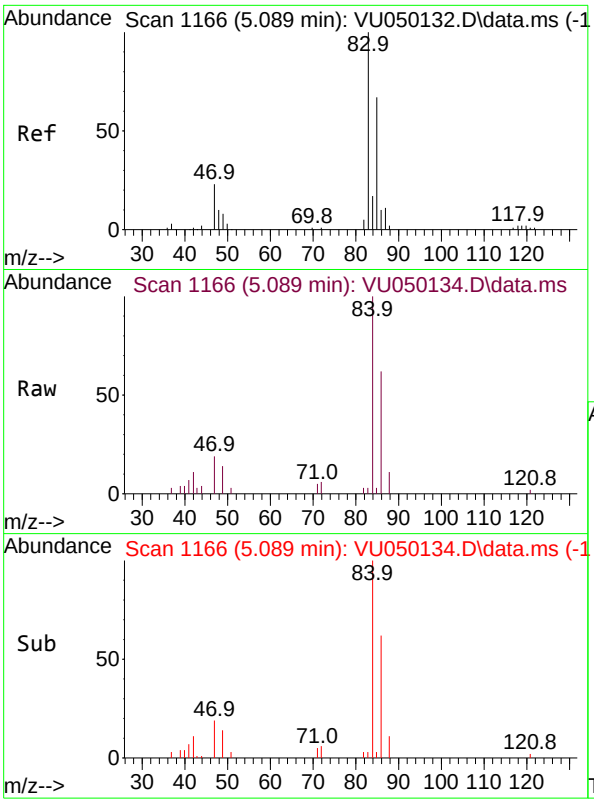


#22
cis-1,2-Dichloroethene
Concen: 0.553 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion: 96 Resp: 3318

Ion	Ratio	Lower	Upper
96	100		
61	111.1	89.0	165.4
98	49.7	45.2	84.0



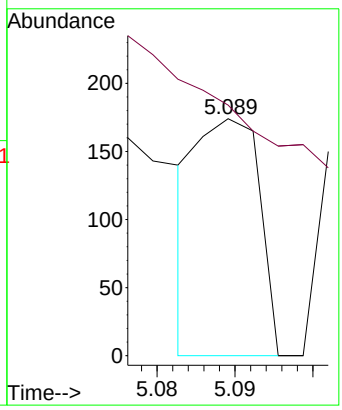


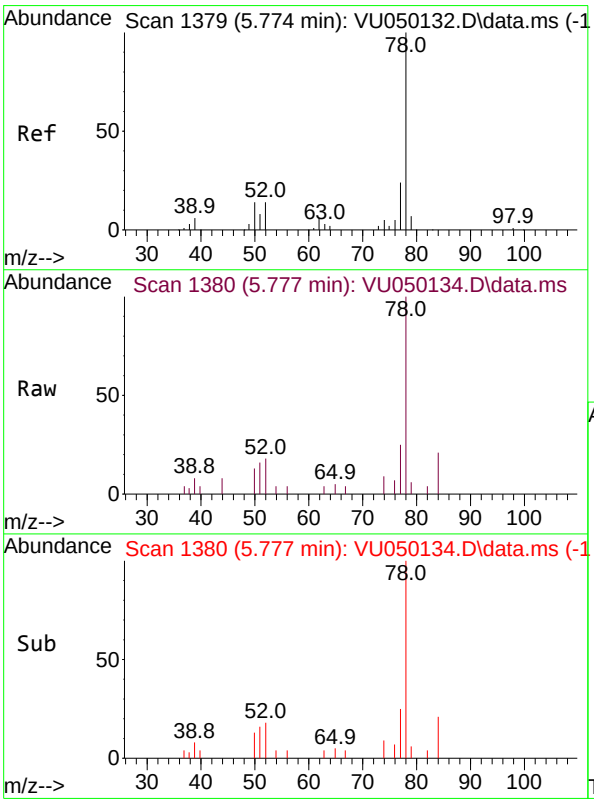
#25
Chloroform
Concen: 0.009 ug/L
RT: 5.089 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Tgt Ion: 83 Resp: 97

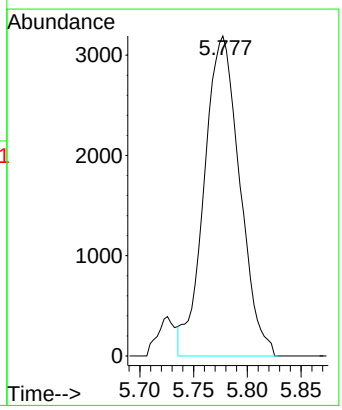
Ion	Ratio	Lower	Upper
83	100		
85	105.7	46.1	85.5#

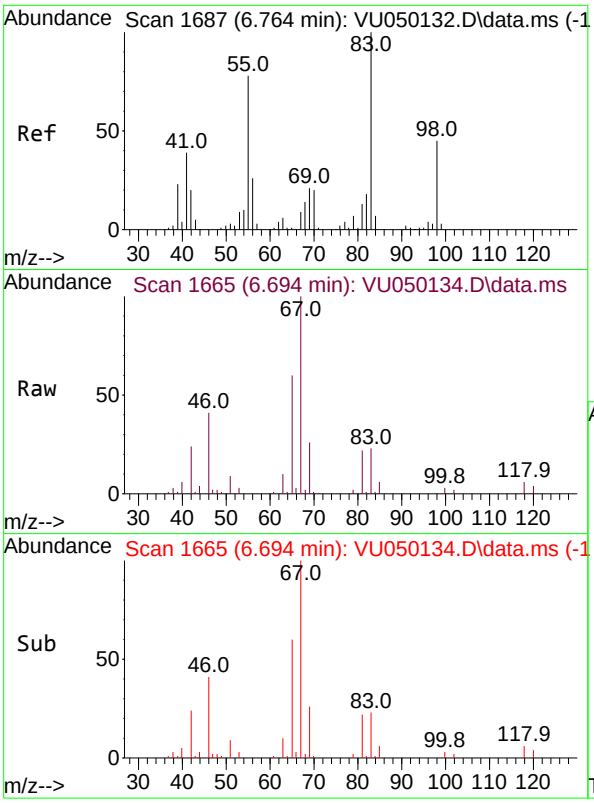




#33
Benzene
Concen: 0.301 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion: 78 Resp: 7314



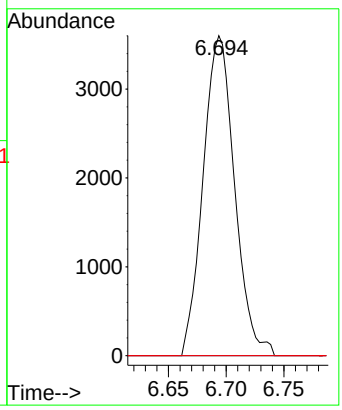


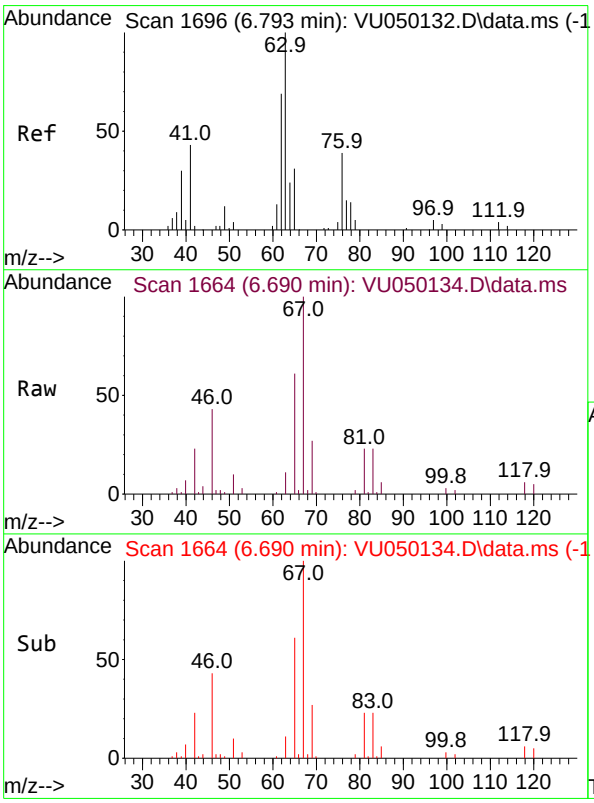
#35
Methylcyclohexane
Concen: 0.900 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Tgt Ion: 83 Resp: 6841

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.8	36.2	54.2#

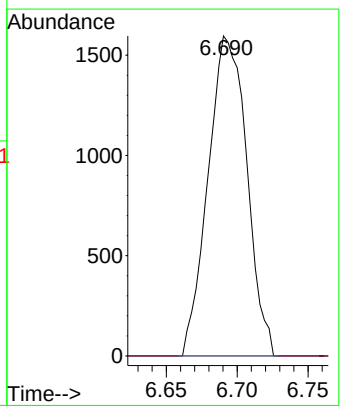


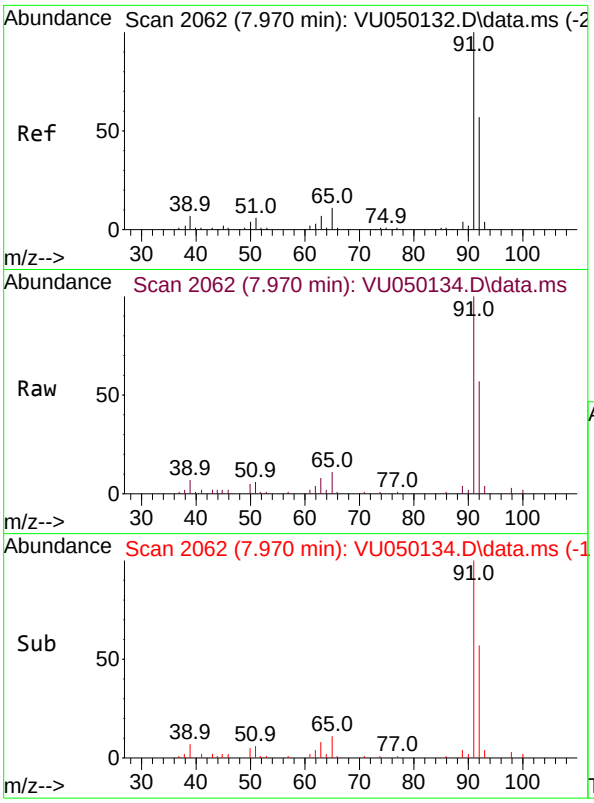


#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion: 63 Resp: 3033

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



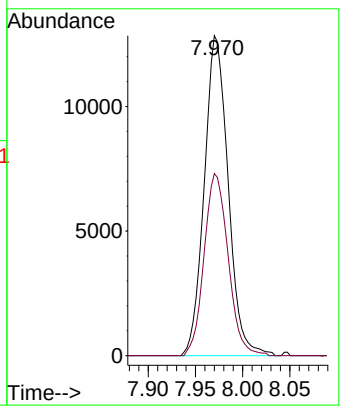


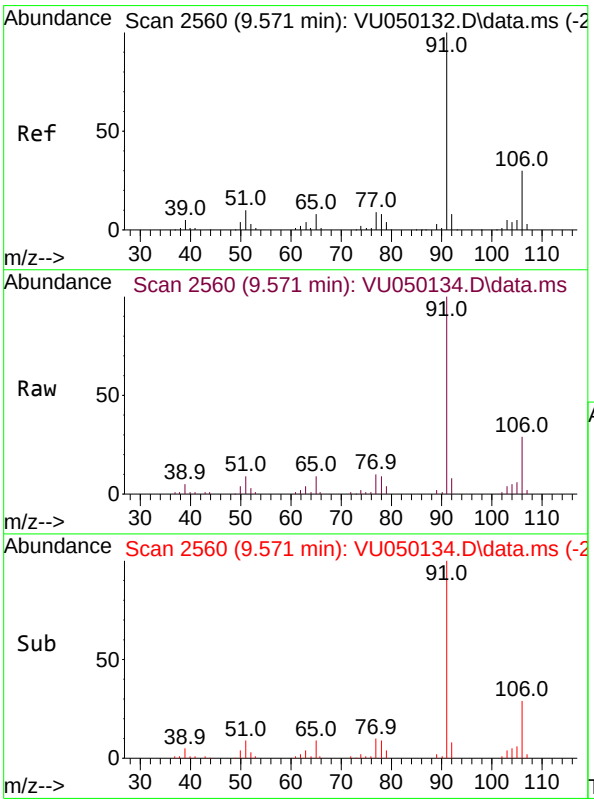
#42
Toluene
Concen: 0.926 ug/L
RT: 7.970 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Tgt Ion: 91 Resp: 22597

Ion	Ratio	Lower	Upper
91	100		
92	56.9	39.8	74.0

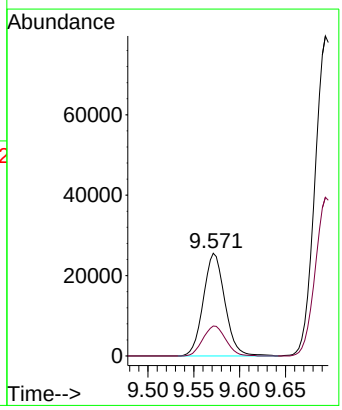


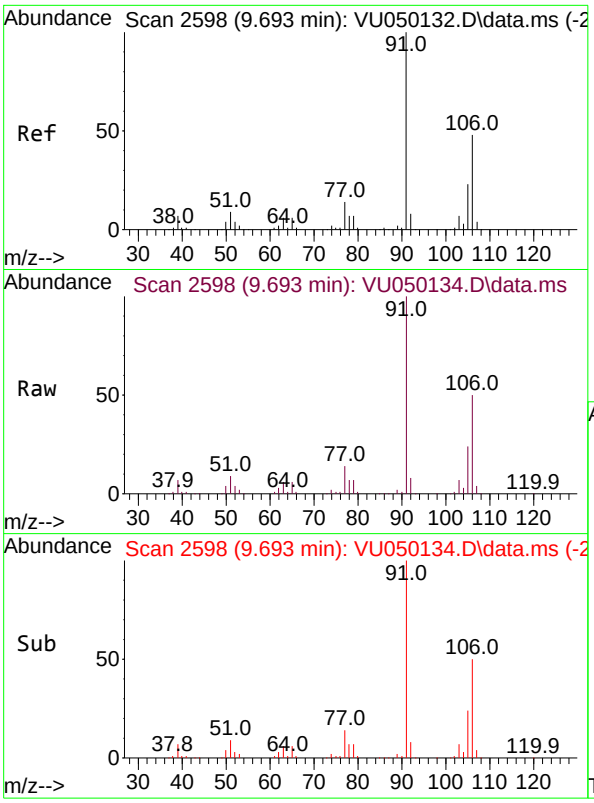


#52
Ethylbenzene
Concen: 1.757 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion: 91 Resp: 41852

Ion	Ratio	Lower	Upper
91	100		
106	29.1	21.3	39.5



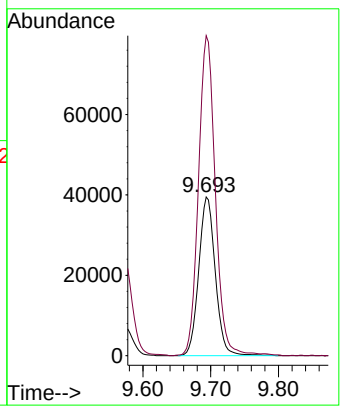


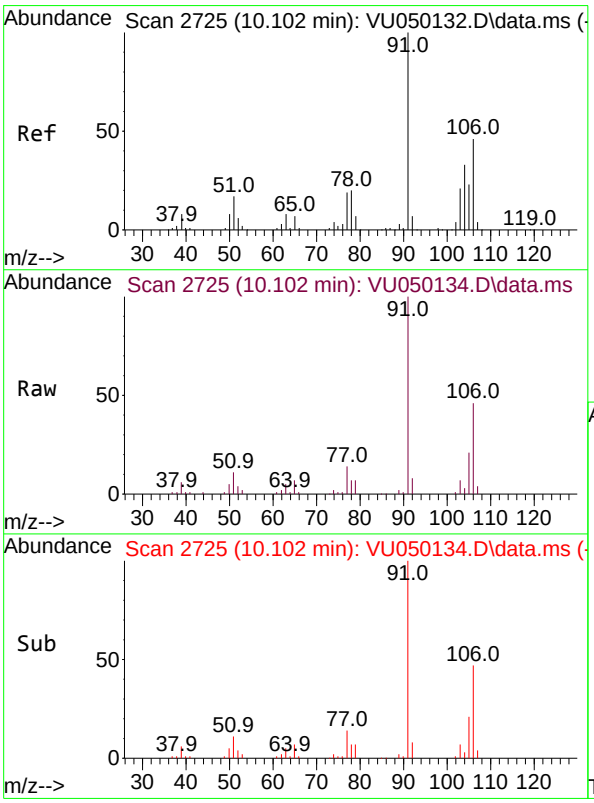
#53
m,p-Xylene
Concen: 7.636 ug/L
RT: 9.693 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Tgt Ion:106 Resp: 66969

Ion	Ratio	Lower	Upper
106	100		
91	201.5	143.1	265.9

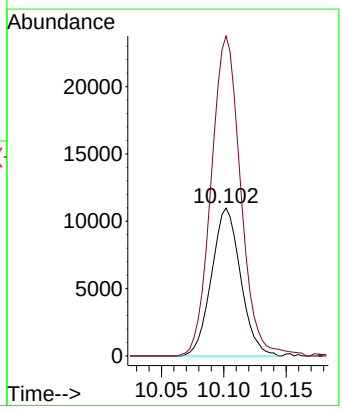


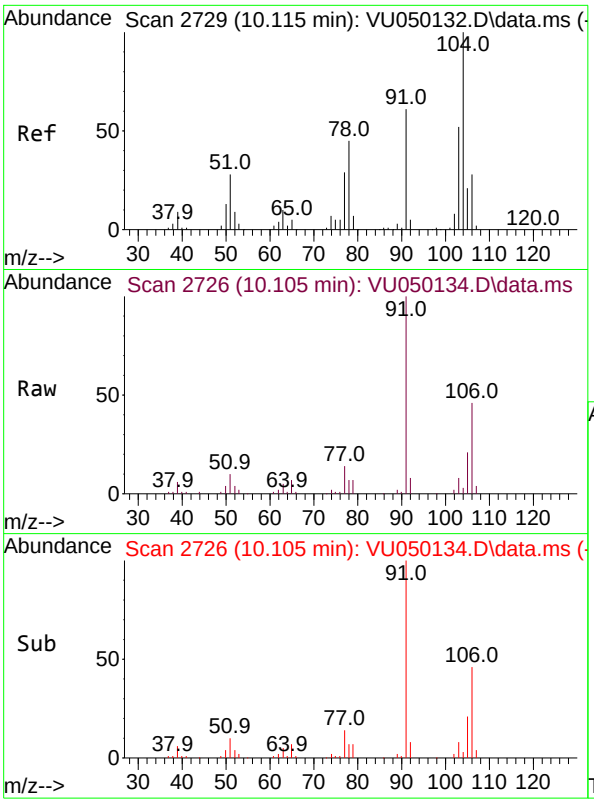


#54
o-Xylene
Concen: 2.033 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion:106 Resp: 17801

Ion	Ratio	Lower	Upper
106	100		
91	216.4	149.4	277.4



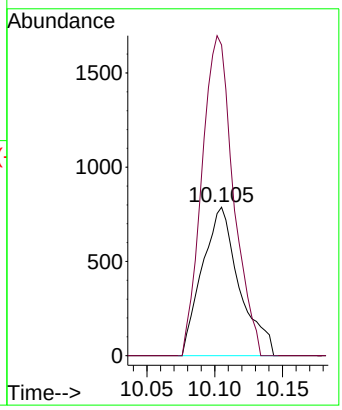


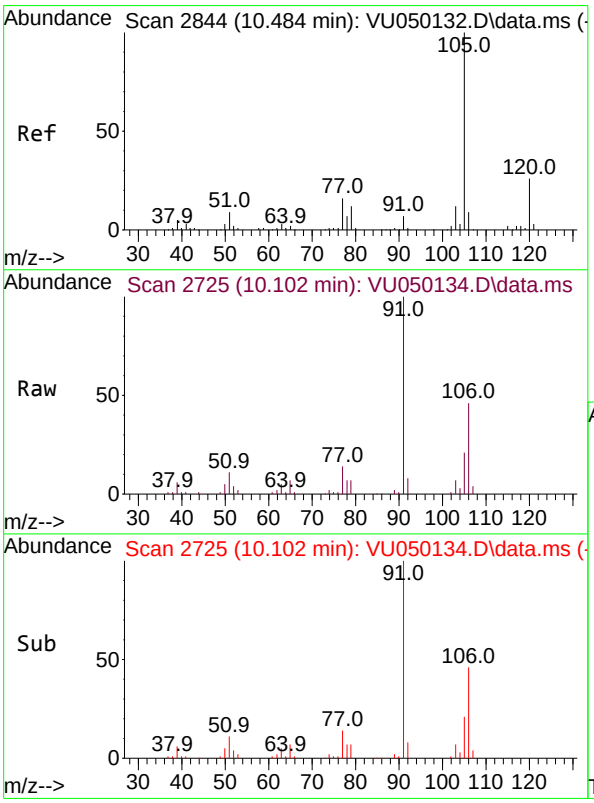
#55
Styrene
Concen: 0.103 ug/L
RT: 10.105 min Scan# 2
Delta R.T. -0.010 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Tgt Ion:104 Resp: 1502

Ion	Ratio	Lower	Upper
104	100		
78	209.3	31.9	59.3#

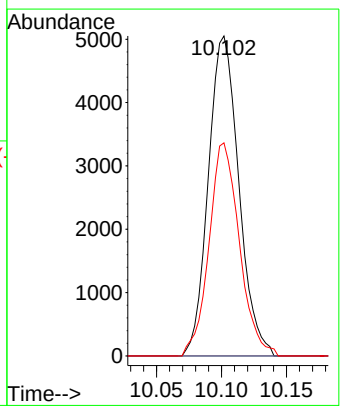


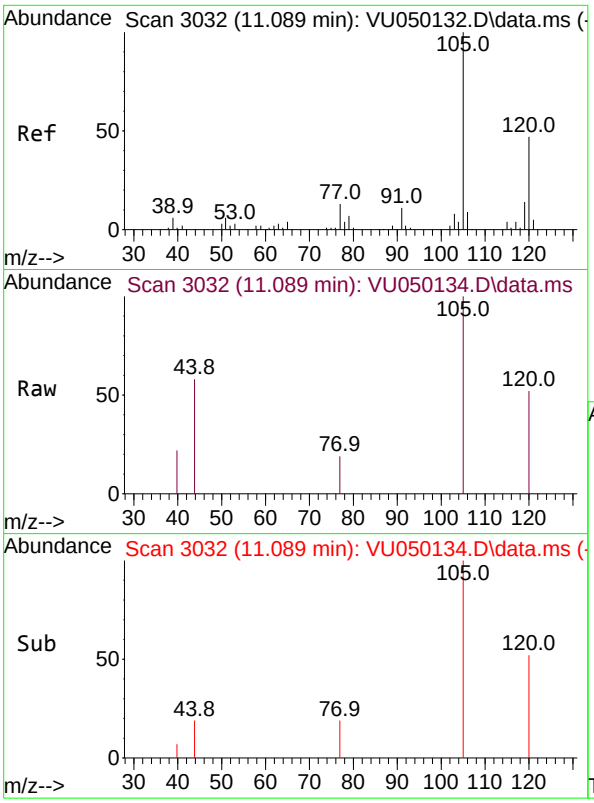


#60
Isopropylbenzene
Concen: 0.422 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.383 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion:105 Resp: 8241

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.8	31.2#
77	66.4	12.6	19.0#



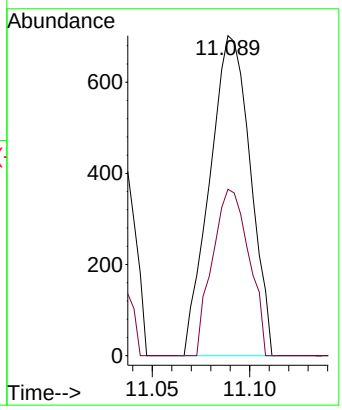


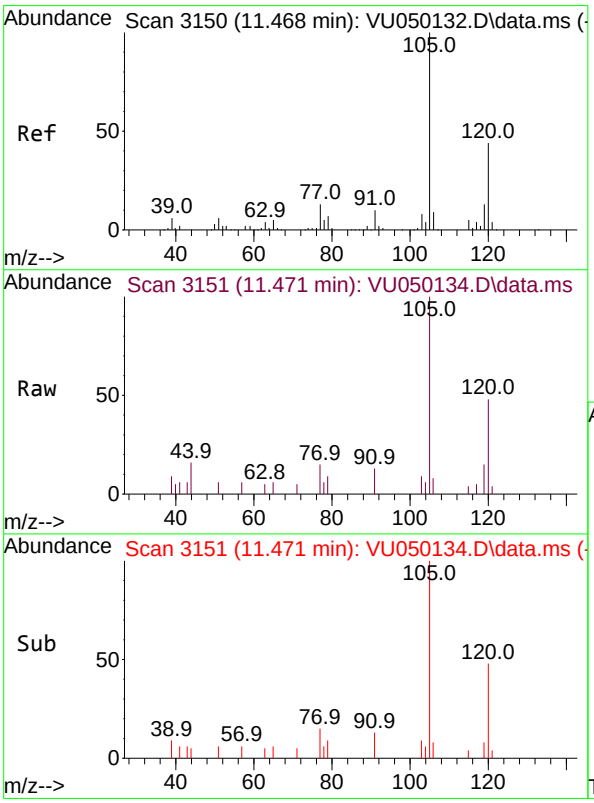
#62
1,3,5-Trimethylbenzene
Concen: 0.185 ug/L
RT: 11.089 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Tgt Ion:105 Resp: 1019

Ion	Ratio	Lower	Upper
105	100		
120	46.6	38.9	58.3

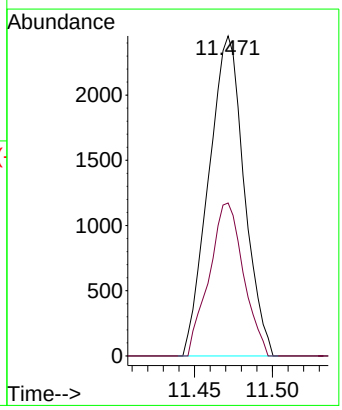


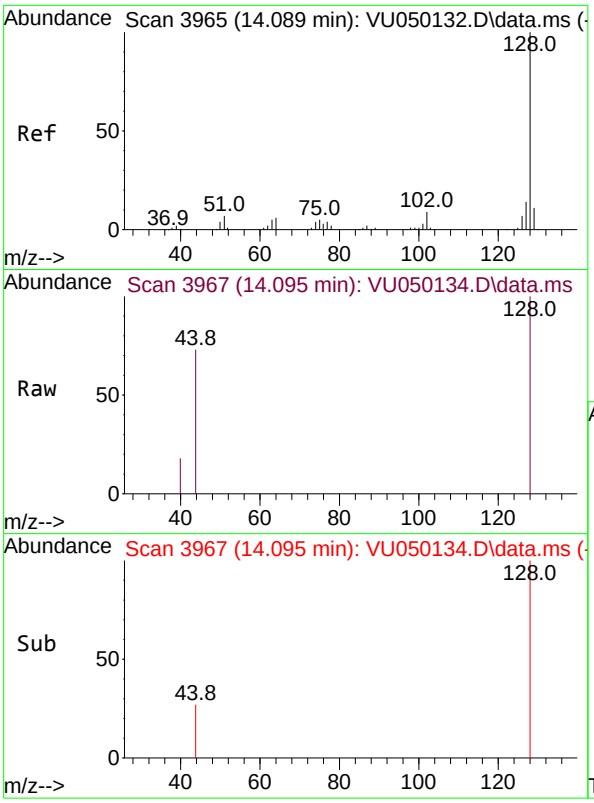


#63
1,2,4-Trimethylbenzene
Concen: 0.258 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Tgt Ion:105 Resp: 3883

Ion	Ratio	Lower	Upper
105	100		
120	46.1	35.9	53.9





#71
Naphthalene
Concen: 0.138 ug/L
RT: 14.095 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU050134.D
Acq: 08 Aug 2022 14:32

Instrument :
MSVOA_U
ClientSampleId :
F5D42

Tgt Ion:128 Resp: 1501

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	10.6	16.0#