Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046057.D
Acq On : 02 Dec 2021 17:04
Operator : SY/MD
Sample : M4868-08
Misc : 7.19g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 03 05:12:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	279124	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	279919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	138003	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69938	30.417	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 60.840%			
7) Chloroethane-d5	1.915	69	48098	27.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 54.500%#			
11) 1,1-Dichloroethene-d2	2.546	63	94274	22.840	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 45.680%#			
21) 2-Butanone-d5	4.652	46	126304	69.101	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 69.100%			
24) Chloroform-d	5.063	84	122270	31.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 63.680%#			
26) 1,2-Dichloroethane-d4	5.703	65	93267	36.194	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.380%			
32) Benzene-d6	5.726	84	292667	36.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.960%			
36) 1,2-Dichloropropane-d6	6.690	67	95883	38.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 77.120%			
41) Toluene-d8	7.899	98	271066	37.108	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.220%#			
43) trans-1,3-Dichloroprop...	8.182	79	45777	38.138	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.280%			
47) 2-Hexanone-d5	8.671	63	90150	76.468	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.470%			
56) 1,1,2,2-Tetrachloroeth...	10.770	84	131854	34.967	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 69.940%			
66) 1,2-Dichlorobenzene-d4	12.198	152	104948	39.488	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.980%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	868	0.427	ug/L #	21
12) 1,1-Dichloroethene	2.549	96	806	0.418	ug/L #	1
25) Chloroform	5.086	83	17740	4.299	ug/L	98
27) 1,2-Dichloroethane	5.732	62	1510	0.493	ug/L #	73
37) 1,2-Dichloropropane	6.690	63	10248	4.618	ug/L #	86
52) Ethylbenzene	9.578	91	786984	80.439	ug/L	99
53) m,p-Xylene	9.700	106	1056977	277.024	ug/L	99
54) o-xylene	10.108	106	259784	70.169	ug/L	98
55) Styrene	10.108	104	13382	2.117	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.812	83	7623	1.997	ug/L #	46
61) Isopropylbenzene	10.491	105	40663	4.529	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	244490	32.668	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	762553	101.840	ug/L	99
71) Naphthalene	14.089	128	70835	7.381	ug/L	98

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

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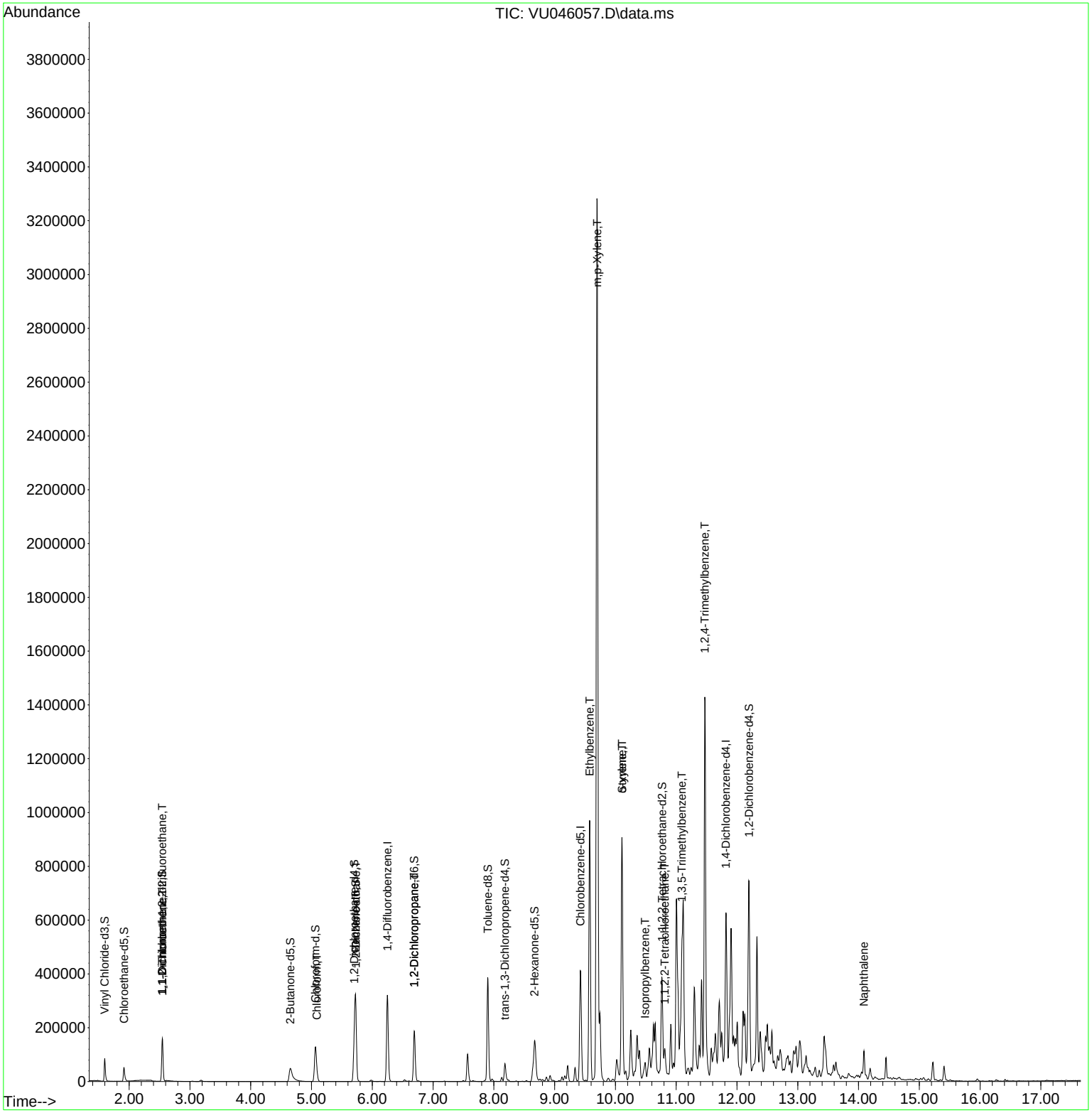
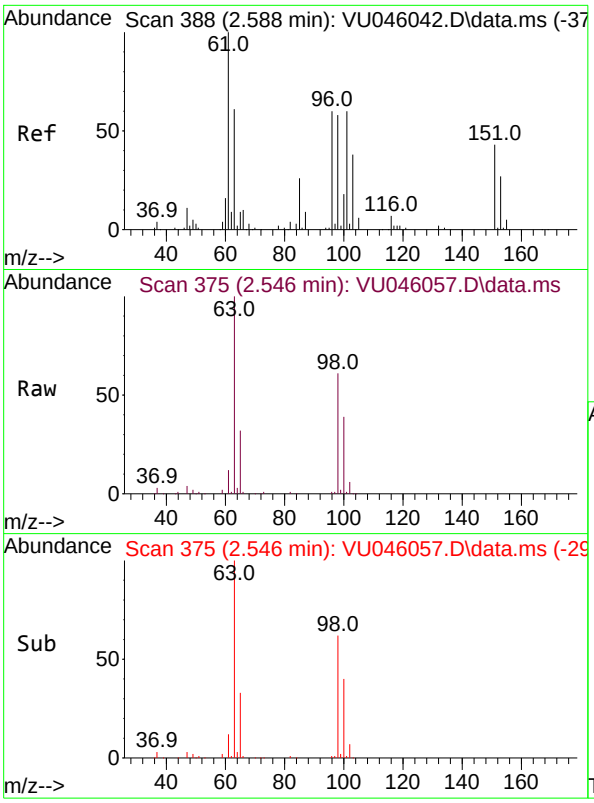
Acq On : 02 Dec 2021 17:04
Operator : SY/MD
Sample : M4868-08
Misc : 7.19g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 03 05:12:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration



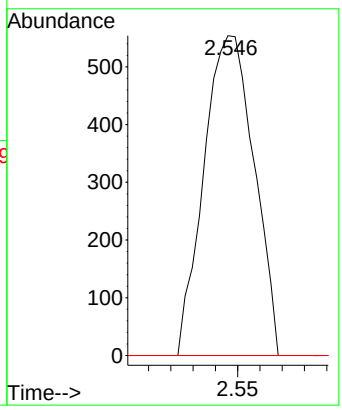


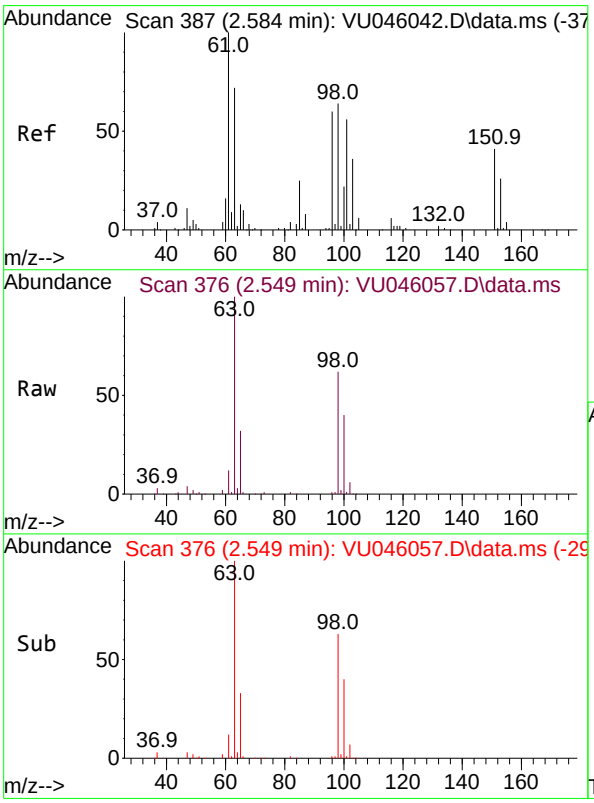
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.427 ug/L
RT: 2.546 min Scan# 3
Delta R.T. -0.042 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 868

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#

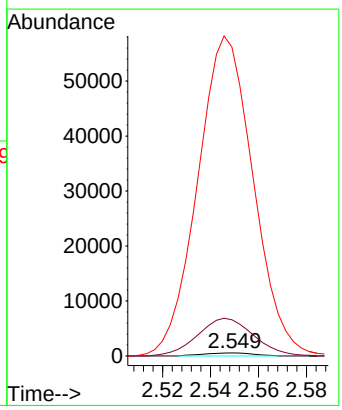


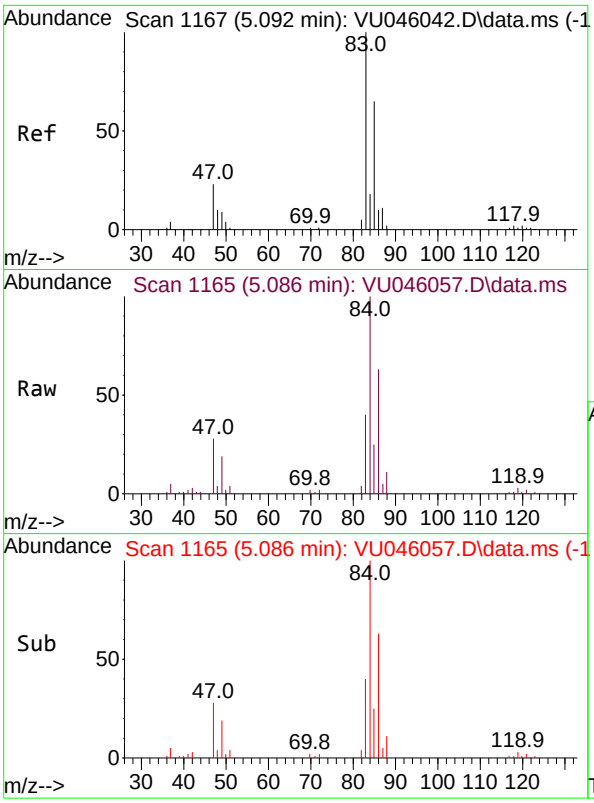


#12
1,1-Dichloroethene
Concen: 0.418 ug/L
RT: 2.549 min Scan# 376
Delta R.T. -0.036 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Tgt Ion: 96 Resp: 806

Ion	Ratio	Lower	Upper
96	100		
61	1186.5	118.6	220.2#
63	10123.2	93.0	172.8#



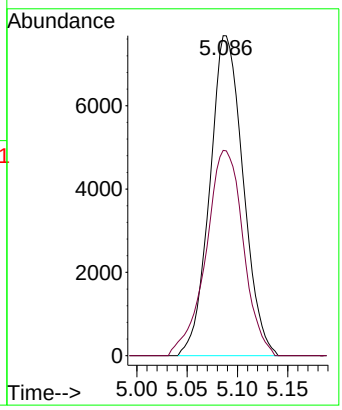


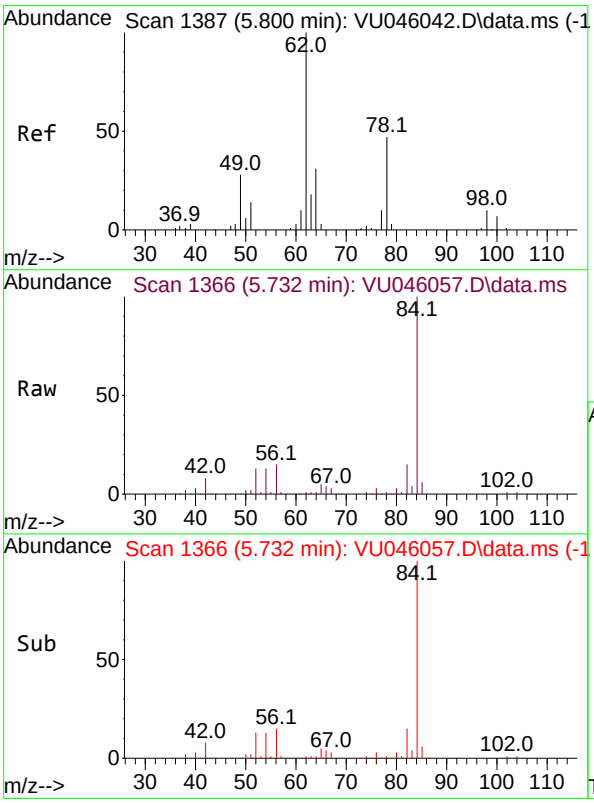
#25
Chloroform
Concen: 4.299 ug/L
RT: 5.086 min Scan# 1
Delta R.T. -0.007 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 17740

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.8	85.2

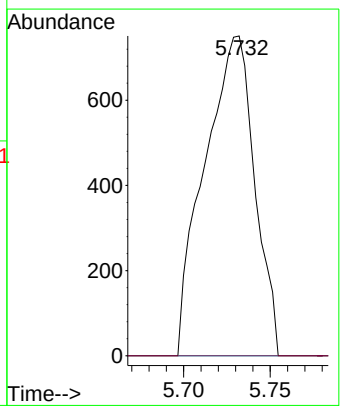


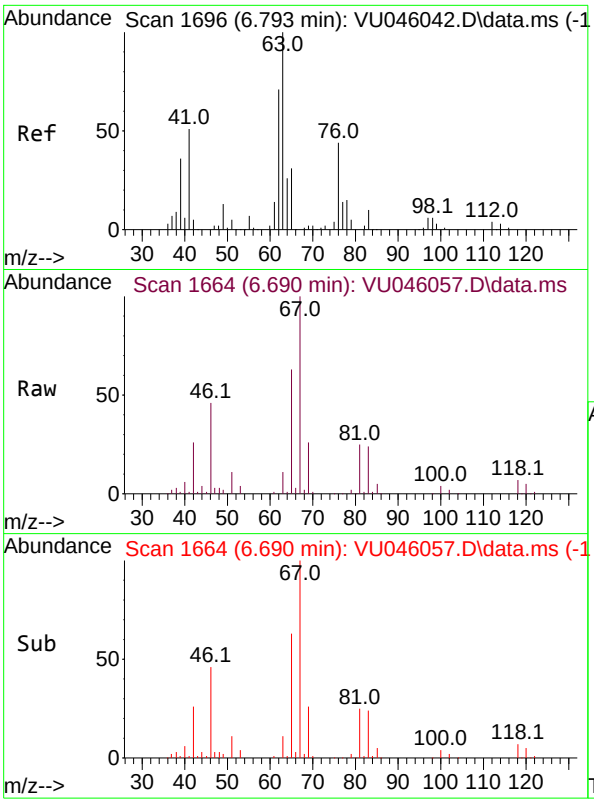


#27
1,2-Dichloroethane
Concen: 0.493 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.068 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Tgt Ion: 62 Resp: 1510

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#



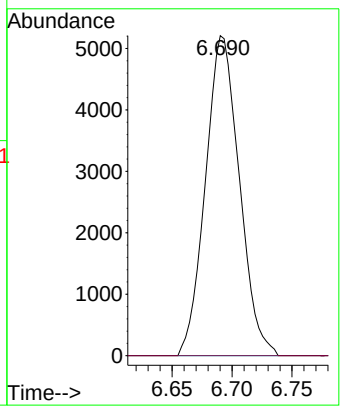


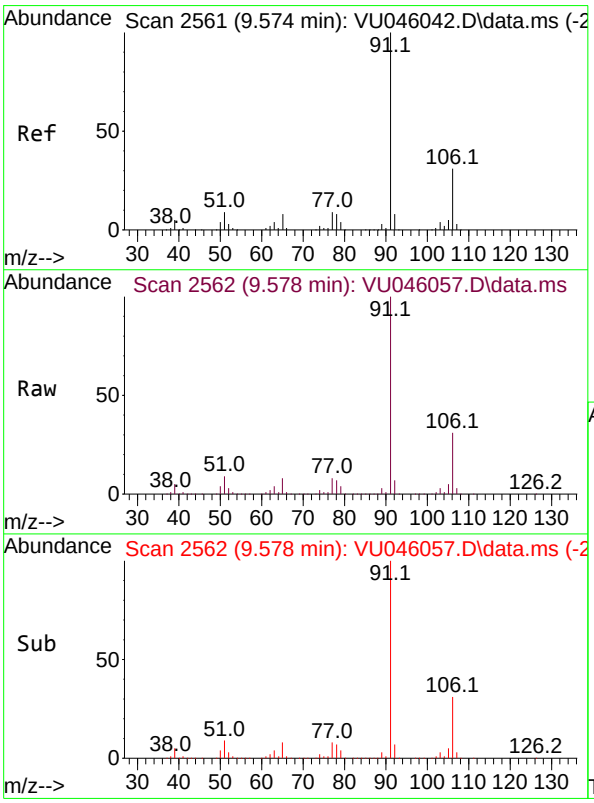
#37
1,2-Dichloropropane
Concen: 4.618 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 10248

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

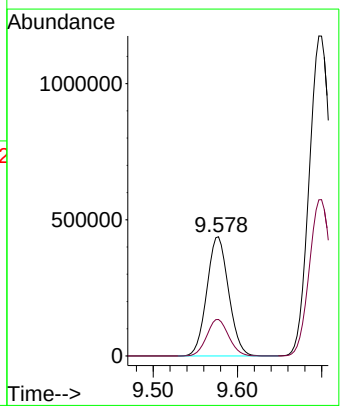


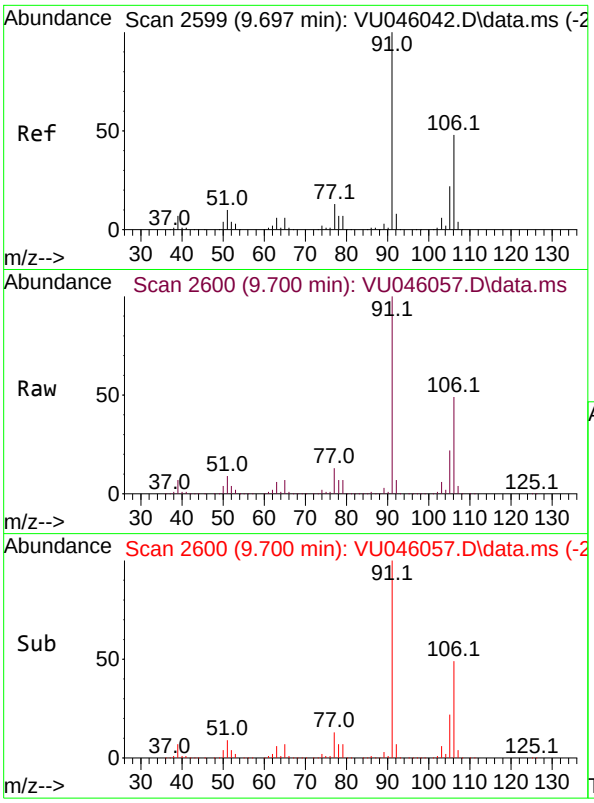


#52
Ethylbenzene
Concen: 80.439 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Tgt Ion: 91 Resp: 786984

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.1	39.3



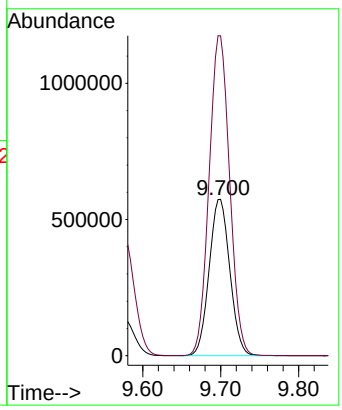


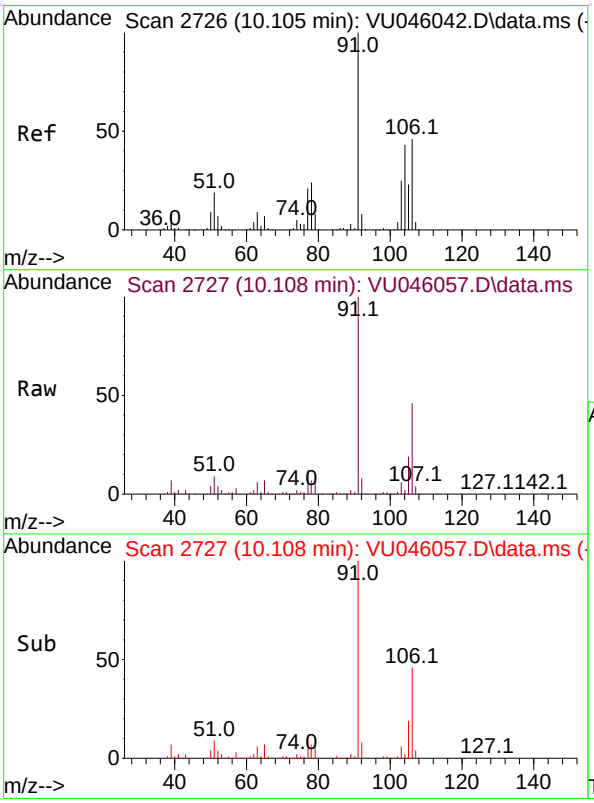
#53
m,p-Xylene
Concen: 277.024 ug/L
RT: 9.700 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 1056977

Ion	Ratio	Lower	Upper
106	100		
91	204.6	144.3	268.1

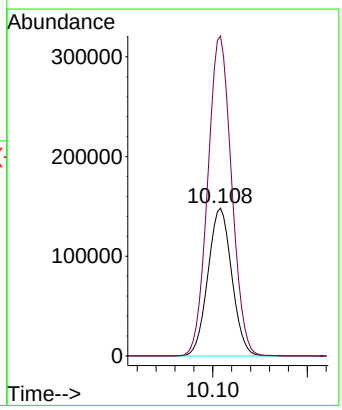


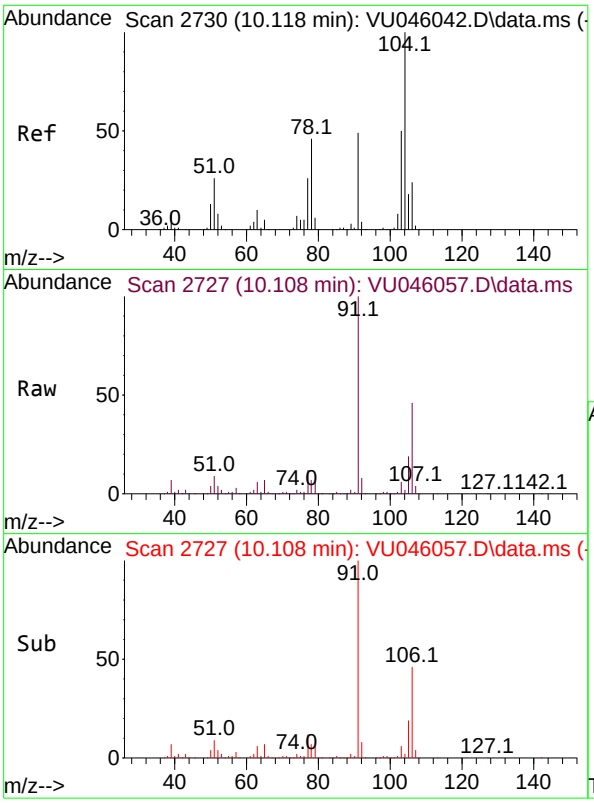


#54
o-xylene
Concen: 70.169 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Tgt Ion:106 Resp: 259784

Ion	Ratio	Lower	Upper
106	100		
91	216.5	154.2	286.4



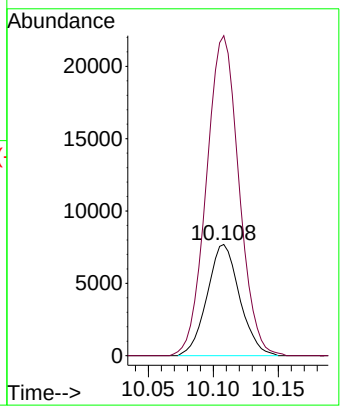


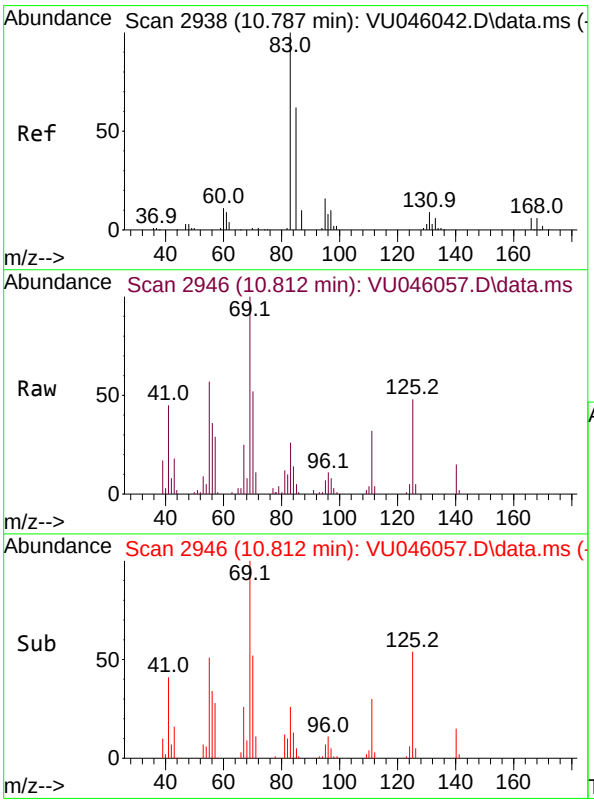
#55
Styrene
Concen: 2.117 ug/L
RT: 10.108 min Scan# 2
Delta R.T. -0.010 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 13382

Ion	Ratio	Lower	Upper
104	100		
78	287.6	32.6	60.5#

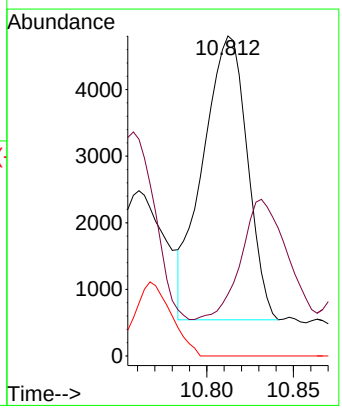


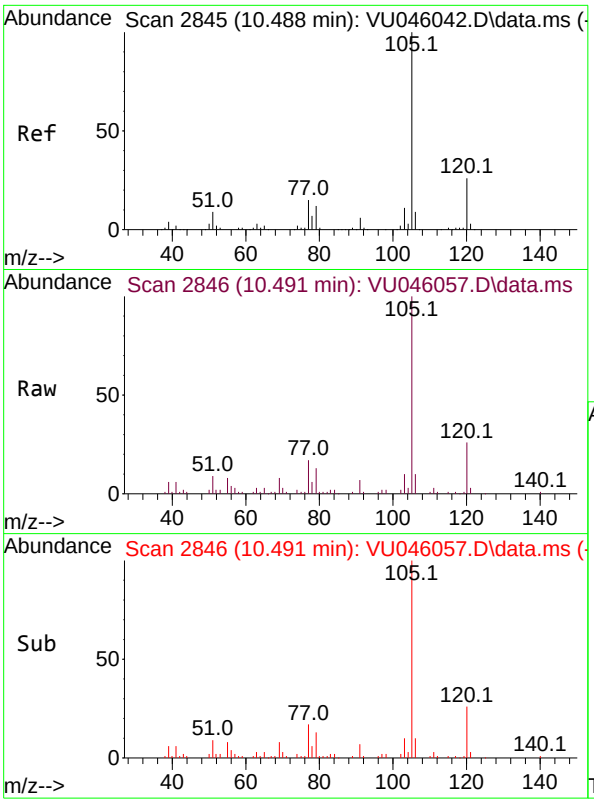


#57
1,1,2,2-Tetrachloroethane
Concen: 1.997 ug/L
RT: 10.812 min Scan# 2946
Delta R.T. 0.026 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Tgt Ion: 83 Resp: 7623

Ion	Ratio	Lower	Upper
83	100		
85	19.3	45.6	84.6#
131	0.0	7.8	11.6#



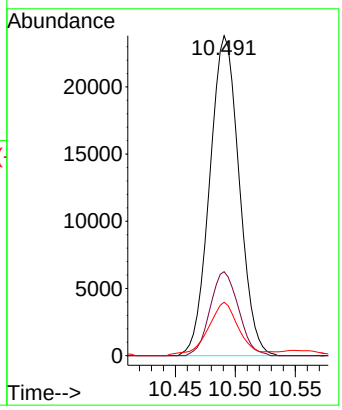


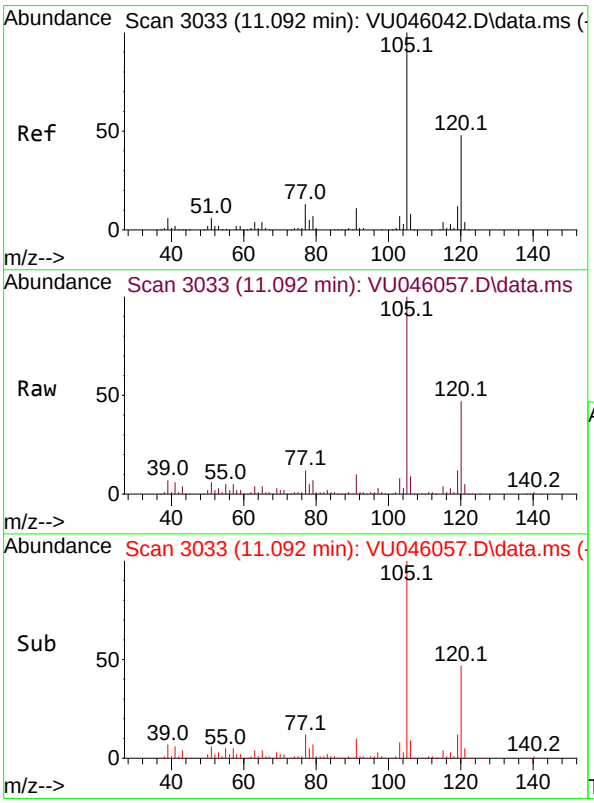
#61
Isopropylbenzene
Concen: 4.529 ug/L
RT: 10.491 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 40663

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.7	31.1
77	17.3	12.2	18.4

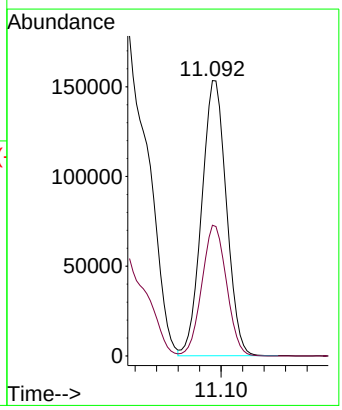


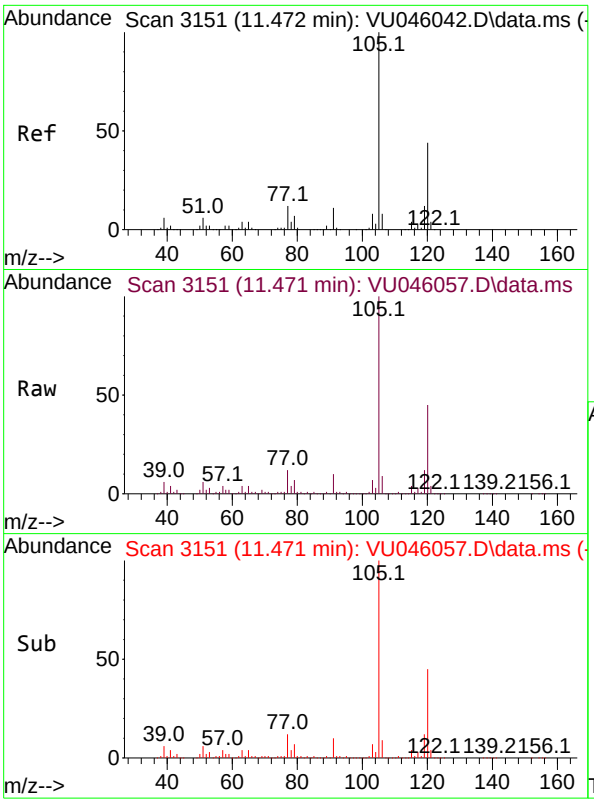


#62
1,3,5-Trimethylbenzene
Concen: 32.668 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Tgt Ion:105 Resp: 244490

Ion	Ratio	Lower	Upper
105	100		
120	47.4	37.8	56.6



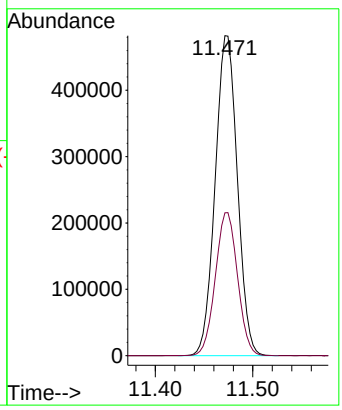


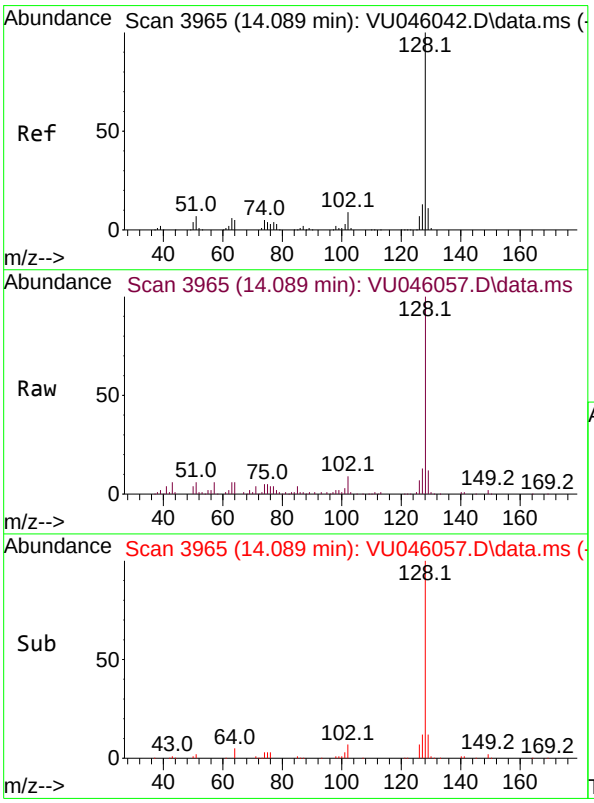
#63
1,2,4-Trimethylbenzene
Concen: 101.840 ug/L
RT: 11.471 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 762553

Ion	Ratio	Lower	Upper
105	100		
120	44.8	35.2	52.8





#71
Naphthalene
Concen: 7.381 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046057.D
Acq: 02 Dec 2021 17:04

Tgt Ion:128 Resp: 70835

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	12.1	8.6	13.0