Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045254.D
Acq On : 08 Oct 2021 16:17
Operator : SY/MD
Sample : M4070-06DL 50X
Misc : 5.41g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 09 05:32:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	276359	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	268134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	120258	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90146	29.797	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.600%#		
7) Chloroethane-d5	1.890	69	88379	36.865	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.740%		
11) 1,1-Dichloroethene-d2	2.559	63	130096	25.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.220%#		
21) 2-Butanone-d5	4.629	46	209994	87.800	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.800%		
24) Chloroform-d	5.067	84	192461	40.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.560%		
26) 1,2-Dichloroethane-d4	5.707	65	141154	43.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.220%		
32) Benzene-d6	5.729	84	401051	43.104	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.200%		
36) 1,2-Dichloropropane-d6	6.694	67	134301	44.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.540%		
41) Toluene-d8	7.903	98	347075	43.226	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.460%		
43) trans-1,3-Dichloroprop...	8.182	79	57613	42.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.380%		
47) 2-Hexanone-d5	8.636	63	144093	85.707	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.710%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211661	44.804	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.600%		
66) 1,2-Dichlorobenzene-d4	12.198	152	128848	49.232	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.460%		
Target Compounds						Qvalue
8) Chloroethane	1.861	64	3421	1.687	ug/L #	51
16) Methylene chloride	3.047	84	2991	1.103	ug/L	95
25) Chloroform	5.092	83	4486	0.962	ug/L	86
37) 1,2-Dichloropropane	6.694	63	15183	5.607	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3557	0.918	ug/L #	69
42) Toluene	7.973	91	35119	3.476	ug/L	98
44) trans-1,3-Dichloropropene	8.186	75	2533	0.688	ug/L #	81
48) 2-Hexanone	8.639	43	17477	4.357	ug/L #	71
52) Ethylbenzene	9.575	91	172560	16.166	ug/L	100
53) m,p-Xylene	9.697	106	223040	55.157	ug/L	97
54) o-xylene	10.105	106	68171	17.156	ug/L	98
55) Styrene	10.102	104	3522	0.515	ug/L #	1
61) Isopropylbenzene	10.488	105	4487	0.510	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	2579	0.351	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	7476	0.993	ug/L	98

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

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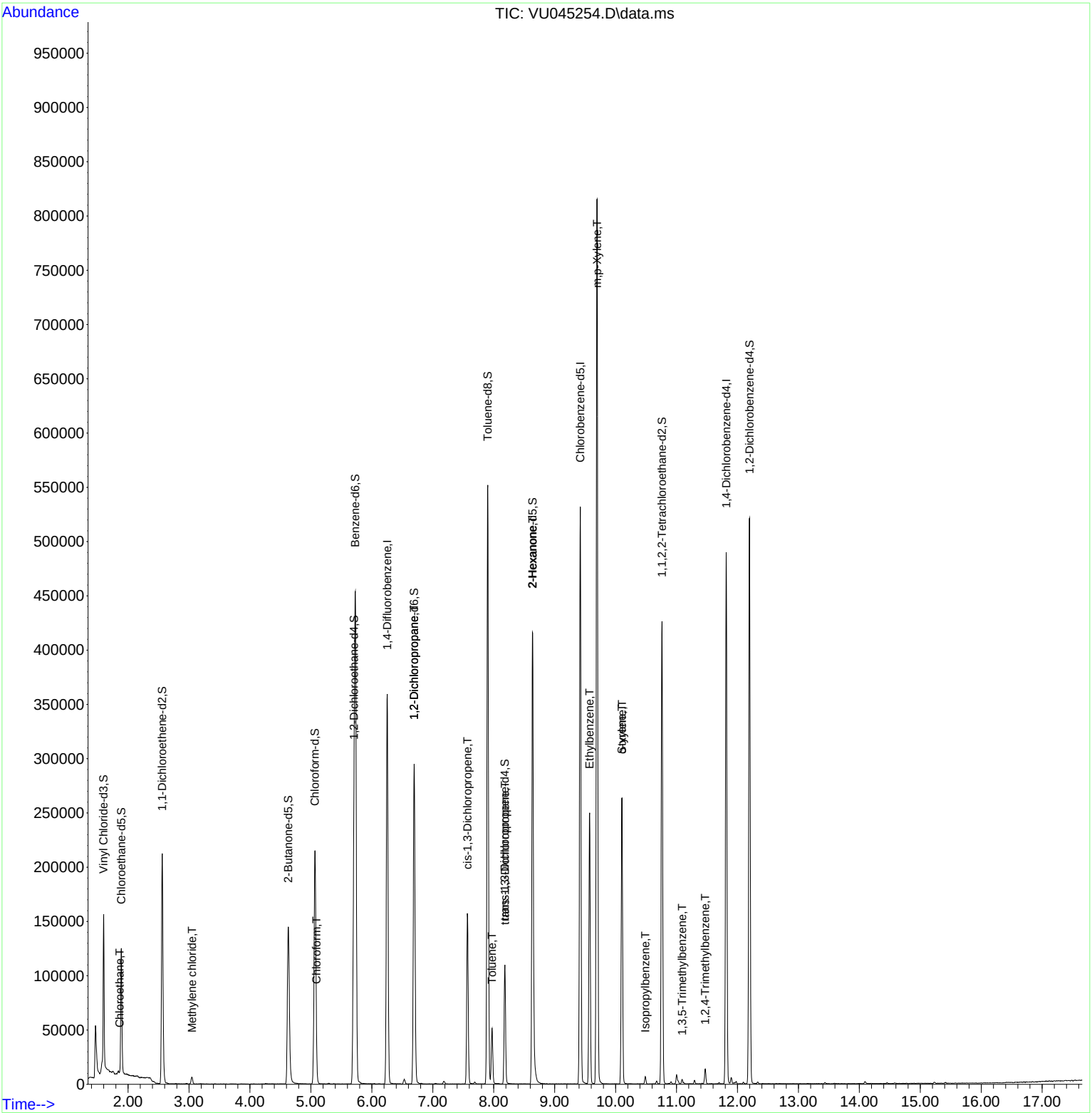
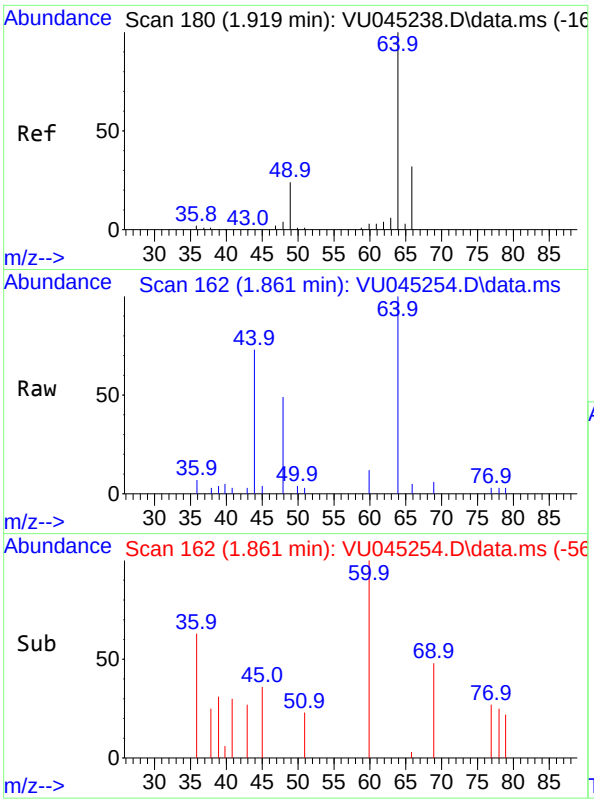
ClientSampleId :

Quant Time: Oct 09 05:32:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

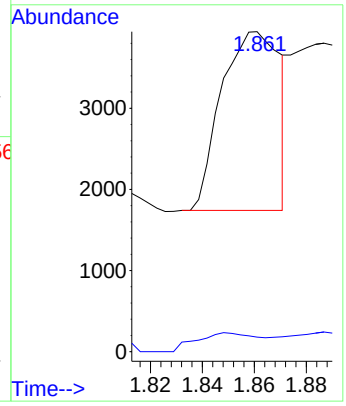




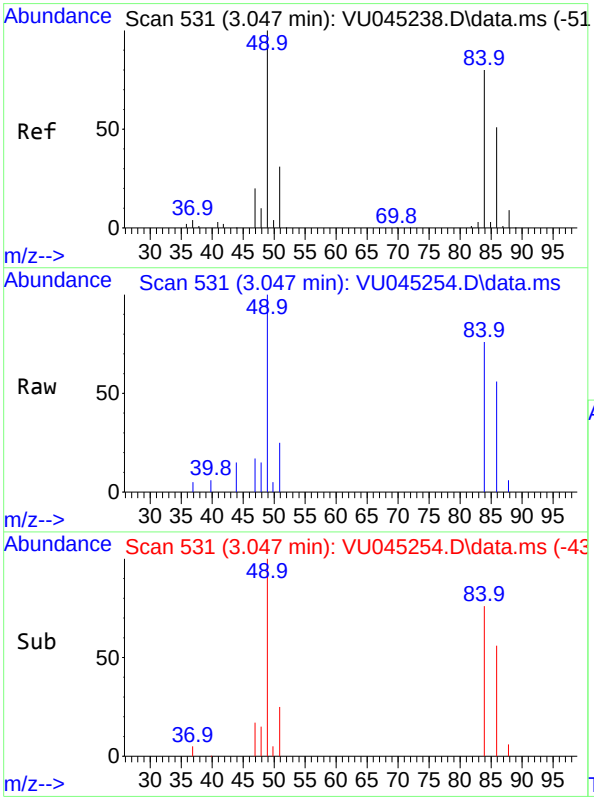
#8
Chloroethane
Concen: 1.687 ug/L
RT: 1.861 min Scan# 162
Delta R.T. -0.058 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion: 64 Resp: 3421

Ion	Ratio	Lower	Upper
64	100		
66	4.5	22.3	41.3#



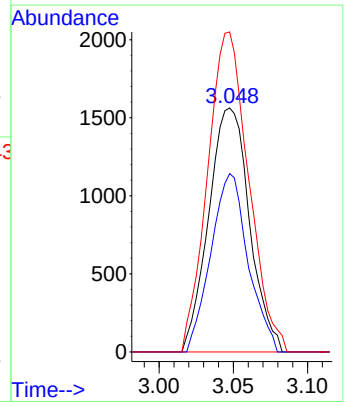
Instrument :
MSVOA_U
ClientSampleId :

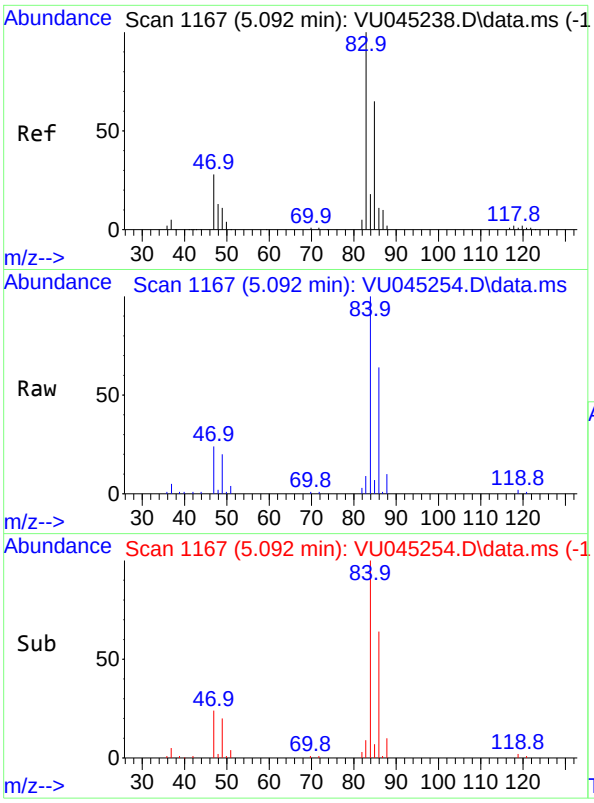


#16
Methylene chloride
Concen: 1.103 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion: 84 Resp: 2991

Ion	Ratio	Lower	Upper
84	100		
86	73.1	44.7	83.1
49	131.2	92.9	172.5

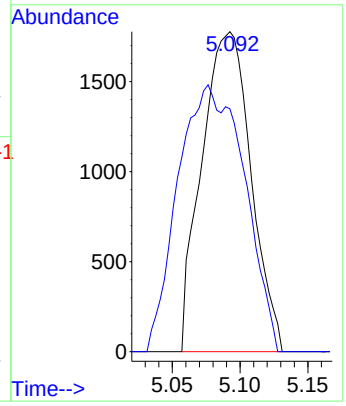




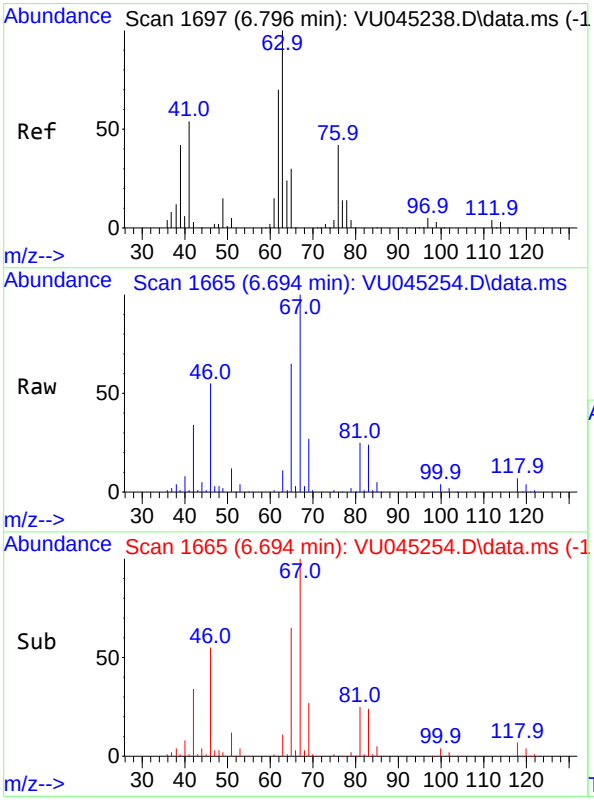
#25
Chloroform
Concen: 0.962 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion: 83 Resp: 4486

Ion	Ratio	Lower	Upper
83	100		
85	75.9	45.6	84.6



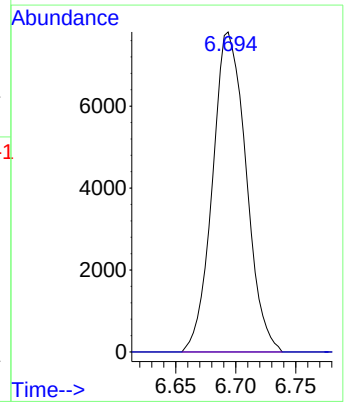
Instrument :
MSVOA_U
ClientSampleId :



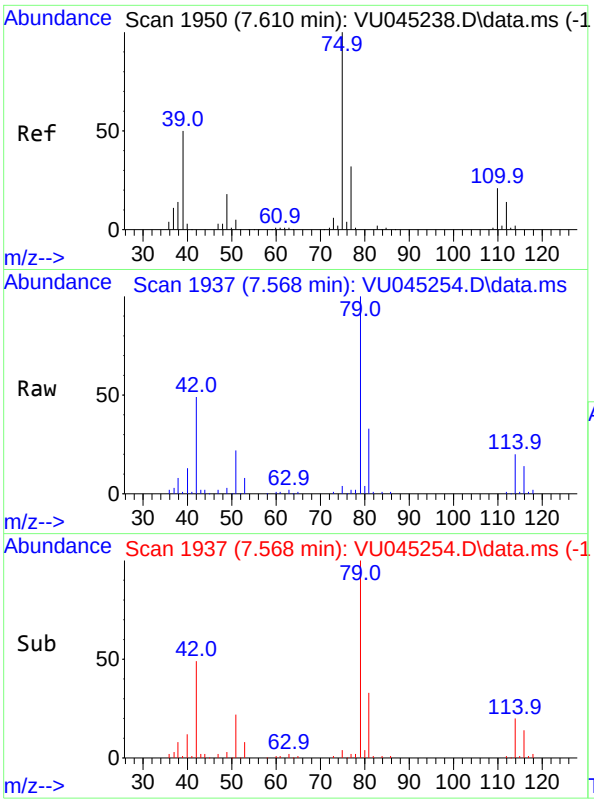
#37
1,2-Dichloropropane
Concen: 5.607 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion: 63 Resp: 15183

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



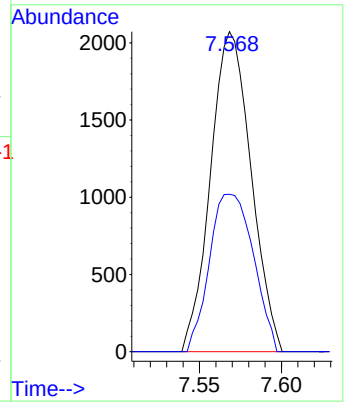
Instrument :
MSVOA_U
ClientSampleId :

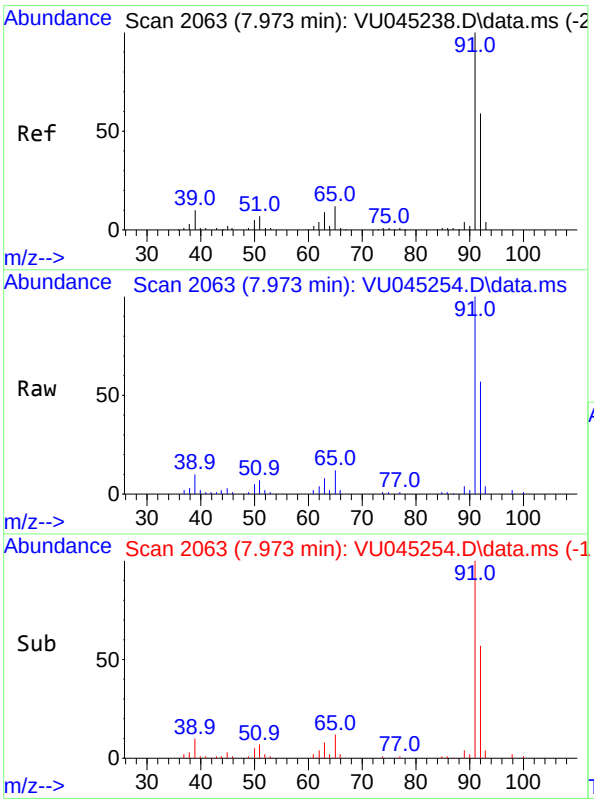


#39
cis-1,3-Dichloropropene
Concen: 0.918 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion: 75 Resp: 3557

Ion	Ratio	Lower	Upper
75	100		
77	49.2	22.4	41.6#

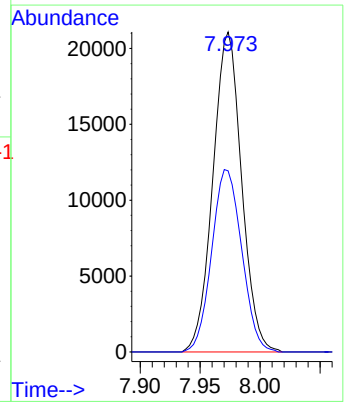




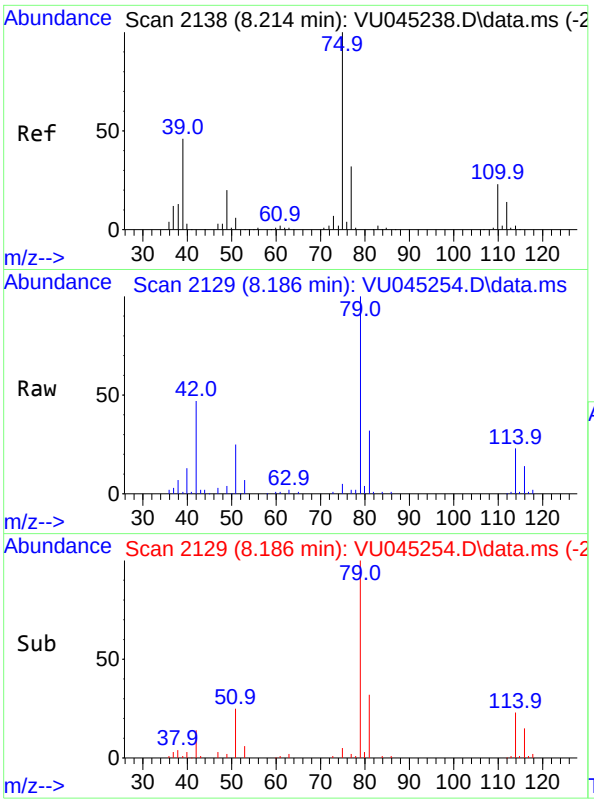
#42
Toluene
Concen: 3.476 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion: 91 Resp: 35119

Ion	Ratio	Lower	Upper
91	100		
92	56.6	40.5	75.1



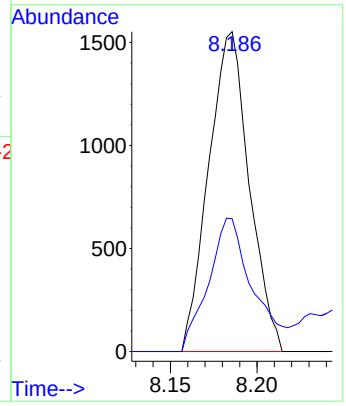
Instrument :
MSVOA_U
ClientSampleId :

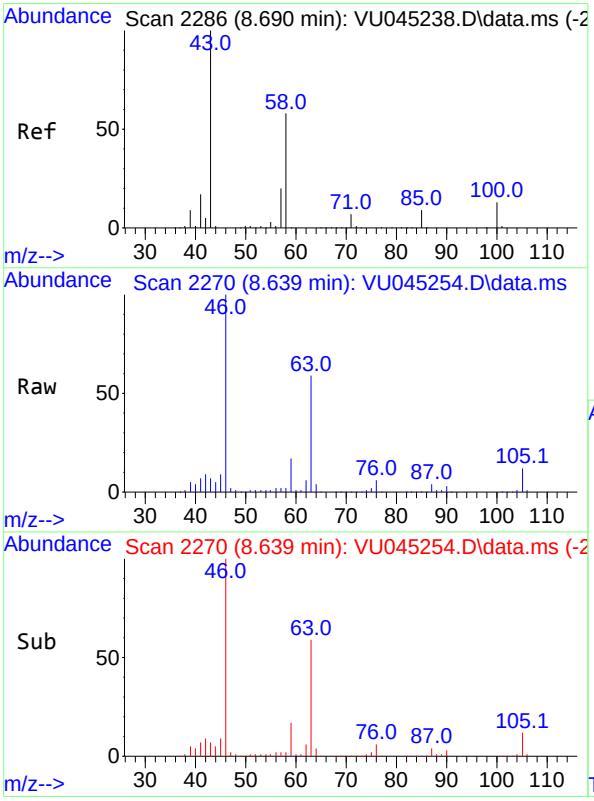


#44
trans-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion: 75 Resp: 2533

Ion	Ratio	Lower	Upper
75	100		
77	41.6	21.7	40.3#

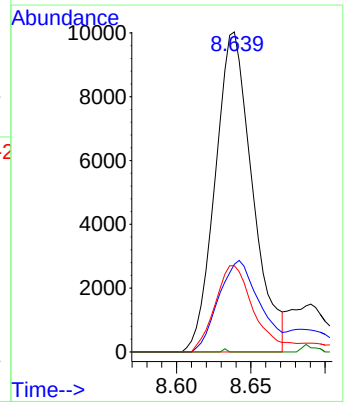


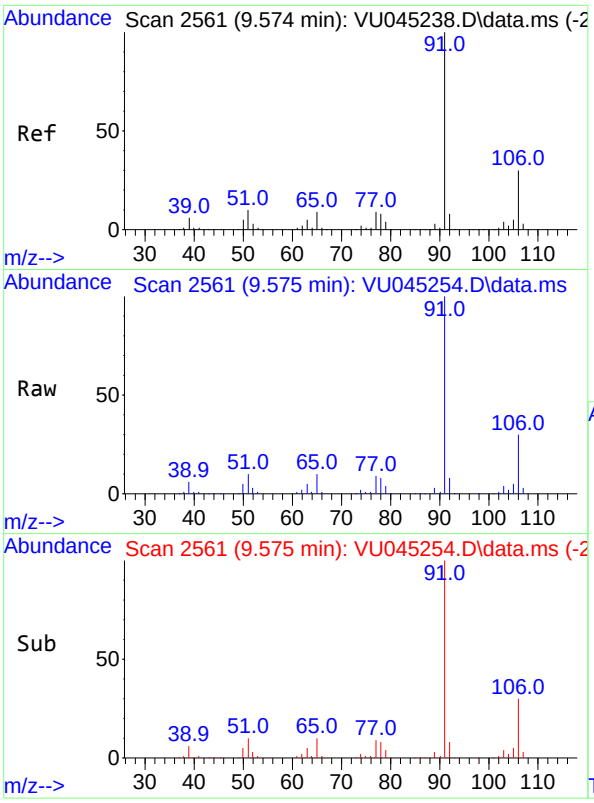


#48
2-Hexanone
Concen: 4.357 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion: 43 Resp: 17477

Ion	Ratio	Lower	Upper
43	100		
58	31.7	44.9	67.3#
57	27.4	15.5	23.3#
100	0.7	9.4	14.0#

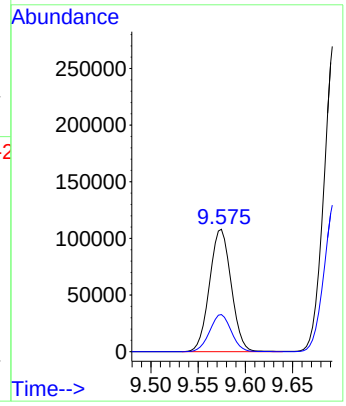




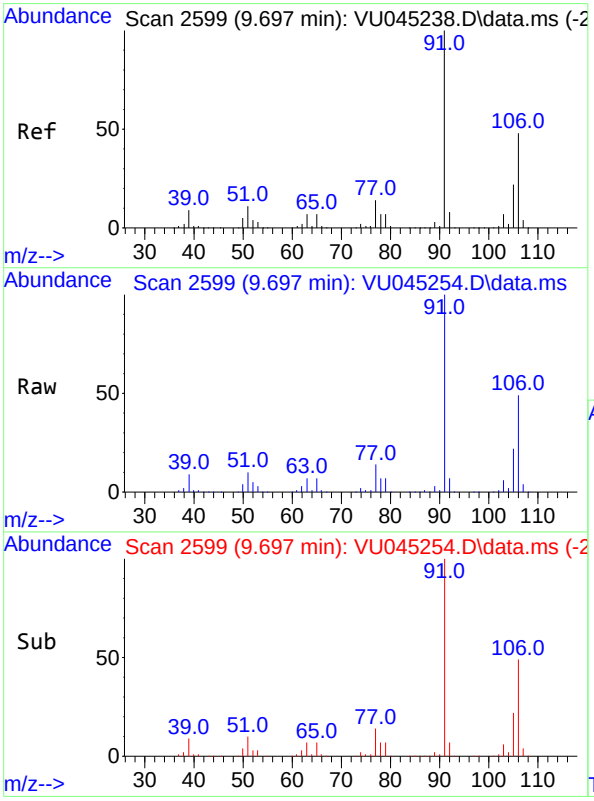
#52
Ethylbenzene
Concen: 16.166 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion: 91 Resp: 172560

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.2	39.4



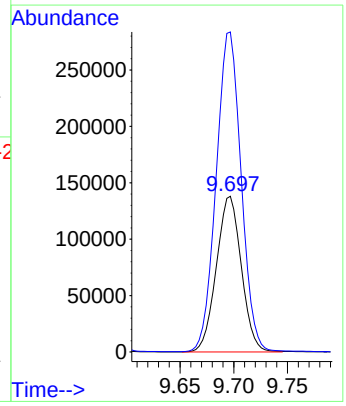
Instrument :
MSVOA_U
ClientSampleId :



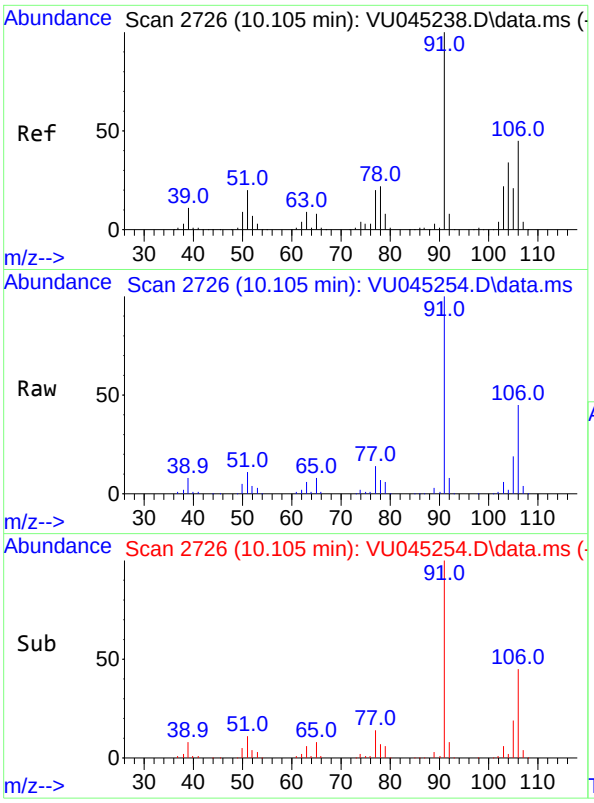
#53
m,p-Xylene
Concen: 55.157 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion:106 Resp: 223040

Ion	Ratio	Lower	Upper
106	100		
91	205.5	146.7	272.4



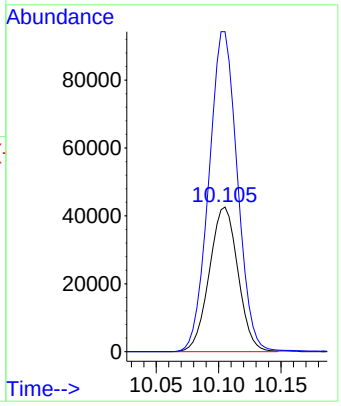
Instrument :
MSVOA_U
ClientSampleId :

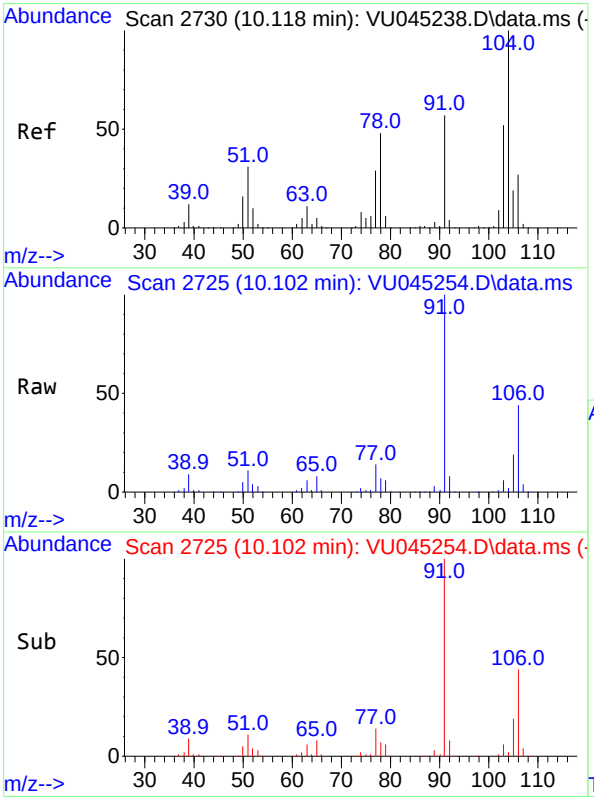


#54
o-xylene
Concen: 17.156 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion:106 Resp: 68171

Ion	Ratio	Lower	Upper
106	100		
91	221.2	152.9	283.9

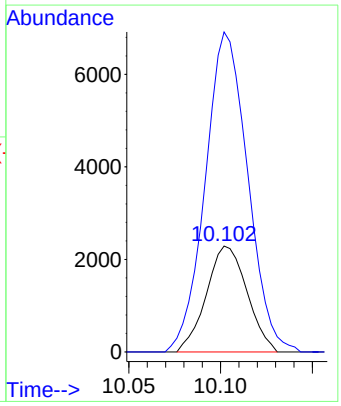


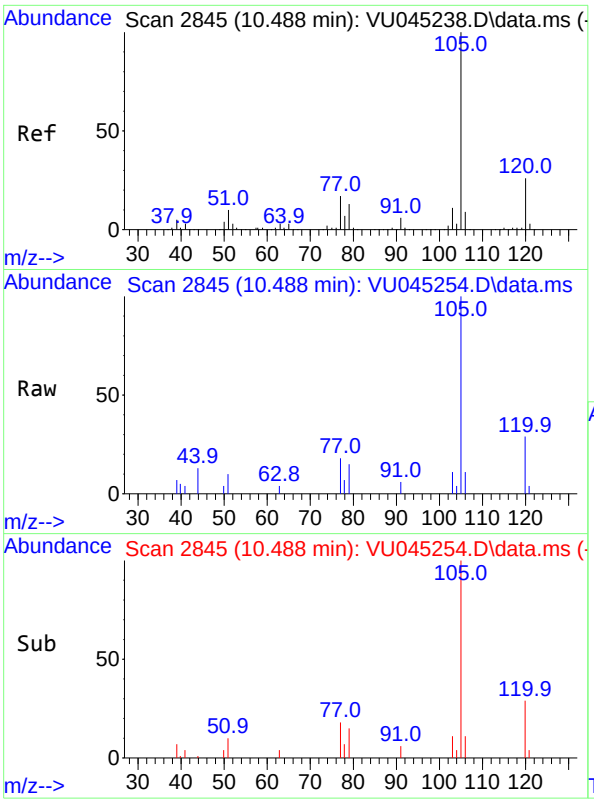


#55
Styrene
Concen: 0.515 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.016 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion:104 Resp: 3522

Ion	Ratio	Lower	Upper
104	100		
78	302.1	33.3	61.9#

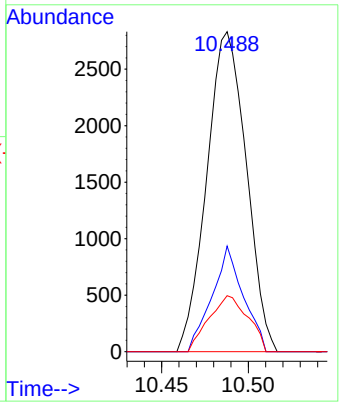




#61
Isopropylbenzene
Concen: 0.510 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion:105 Resp: 4487

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.5	30.7
77	17.3	13.5	20.3



Instrument :
MSVOA_U
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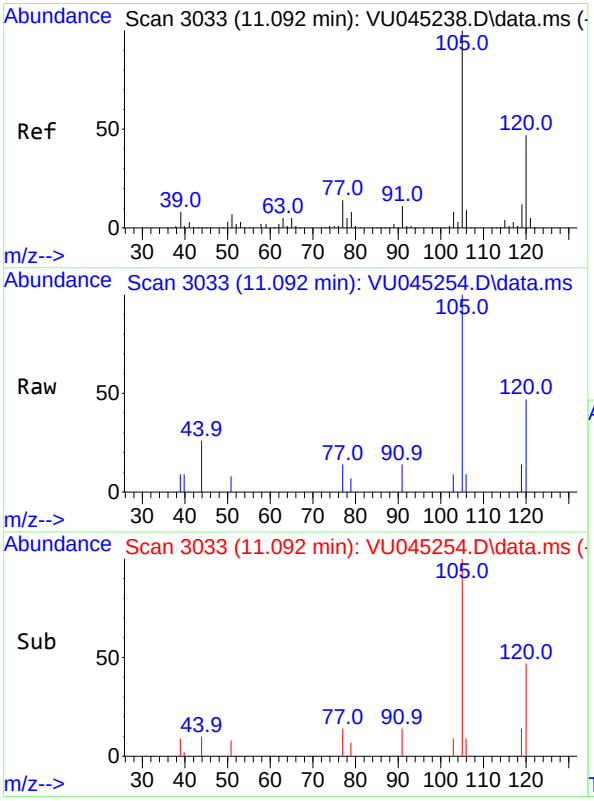
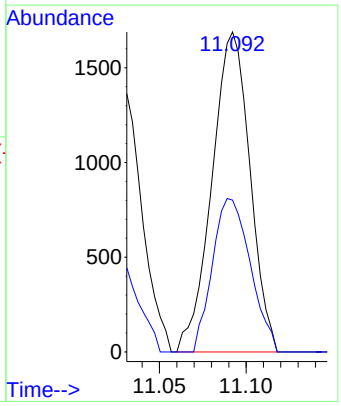
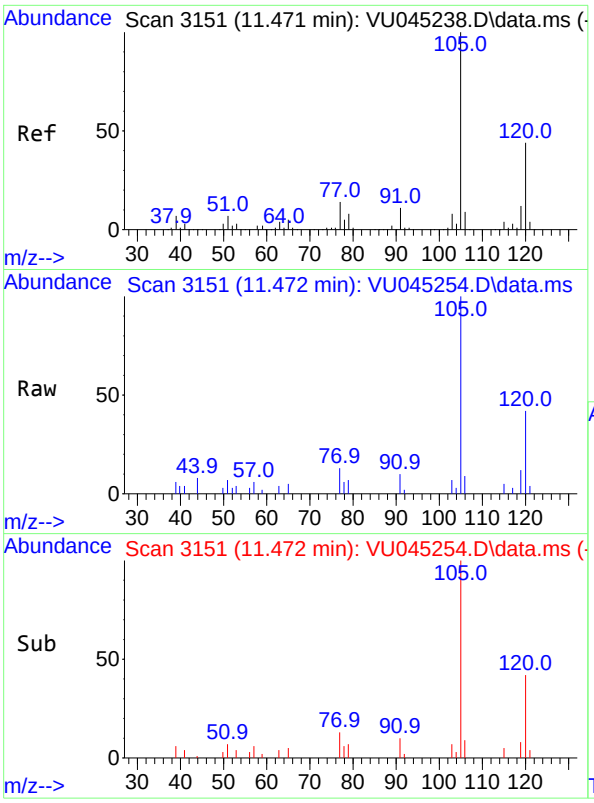


#62
1,3,5-Trimethylbenzene
Concen: 0.351 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion:105 Resp: 2579

Ion	Ratio	Lower	Upper
105	100		
120	47.7	38.8	58.2

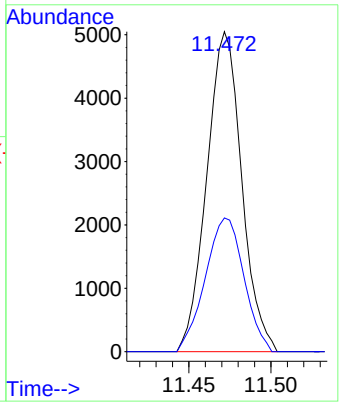




#63
1,2,4-Trimethylbenzene
Concen: 0.993 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045254.D
Acq: 08 Oct 2021 16:17

Tgt Ion:105 Resp: 7476

Ion	Ratio	Lower	Upper
105	100		
120	46.2	35.7	53.5



Instrument :
MSVOA_U
ClientSampleId :