Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
Data File : VU047170.D
Acq On : 16 Feb 2022 18:51
Operator : SY/MD
Sample : N1558-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 17 04:07:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 16 13:52:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	179227	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	181568	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	69493	4.591	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.800%			
7) Chloroethane-d5	1.919	69	56059	4.673	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.400%			
11) 1,1-Dichloroethene-d2	2.575	65	27745	4.432	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.600%			
20) 2-Butanone-d5	4.642	46	193303	53.428	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.860%			
24) Chloroform-d	5.070	84	118232	4.702	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
26) 1,2-Dichloroethane-d4	5.707	65	66078	4.726	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
32) Benzene-d6	5.732	84	248908	4.906	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
36) 1,2-Dichloropropane-d6	6.694	67	79281	4.911	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.200%			
41) Toluene-d8	7.899	98	236020	4.756	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.200%			
43) trans-1,3-Dichloroprop...	8.182	79	32744	4.475	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.400%			
46) 2-Hexanone-d5	8.636	63	172132	44.674	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.340%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	66286	4.518	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.400%			
66) 1,2-Dichlorobenzene-d4	12.195	152	91650	5.021	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	25311	1.524	ug/L	99
8) Chloroethane	1.942	64	827	0.086	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	806	0.066	ug/L #	21
22) cis-1,2-Dichloroethene	4.675	96	2627	0.189	ug/L	87
30) Cyclohexane	5.395	56	28866	1.345	ug/L	98
33) Benzene	5.781	78	9681	0.188	ug/L	100
35) Methylcyclohexane	6.694	83	18182	0.783	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	8395	0.629	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2129	0.103	ug/L #	59
52) Ethylbenzene	9.575	91	10795	0.172	ug/L	99
53) m,p-Xylene	9.694	106	17447	0.706	ug/L	97
54) o-Xylene	10.102	106	12776	0.531	ug/L	99
60) Isopropylbenzene	10.099	105	5331	0.089	ug/L #	24
61) 1,2,3-Trichloropropane	11.812	75	11447	1.178	ug/L #	67

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

Quantitation Report (Not Reviewed)

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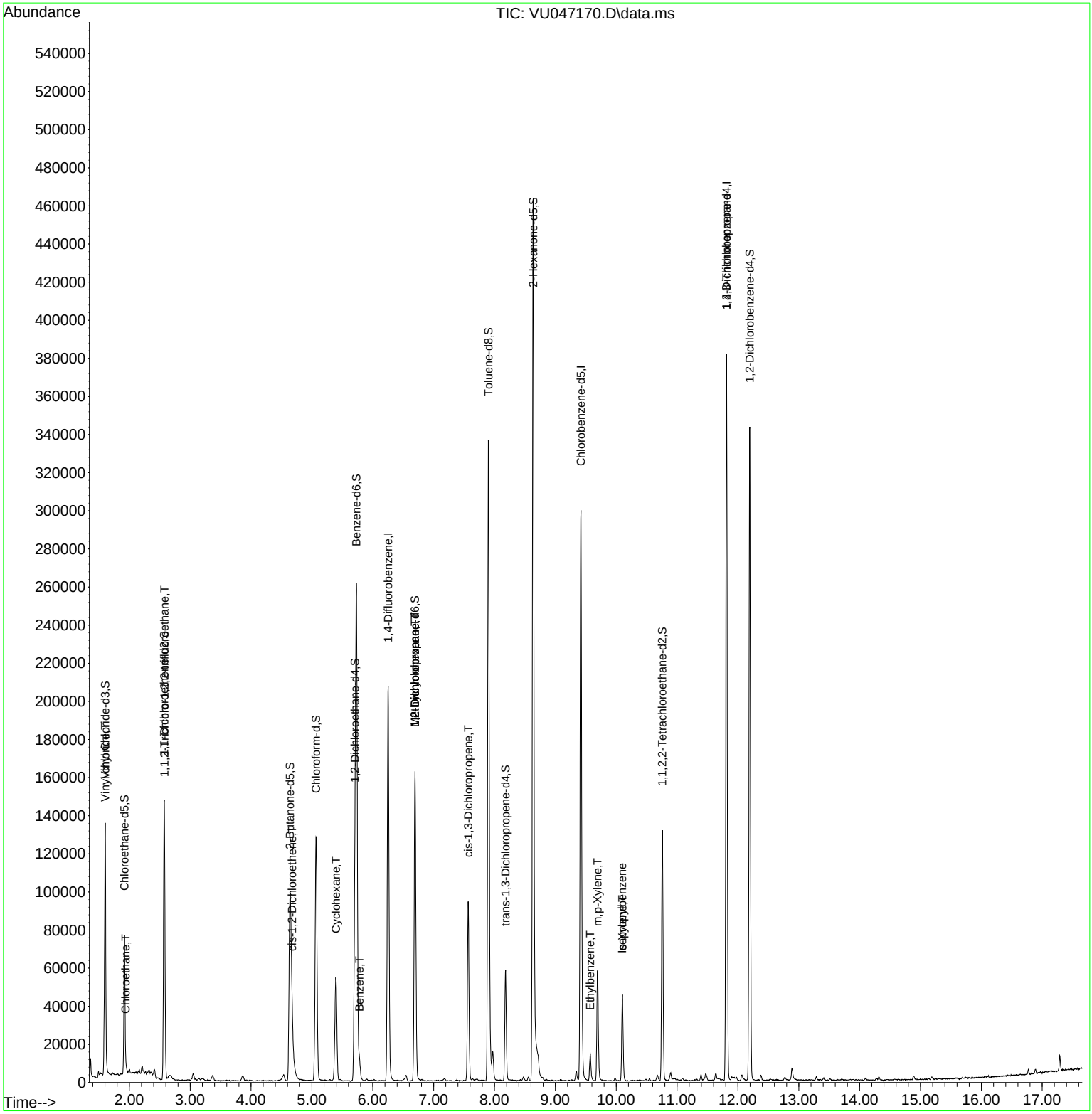
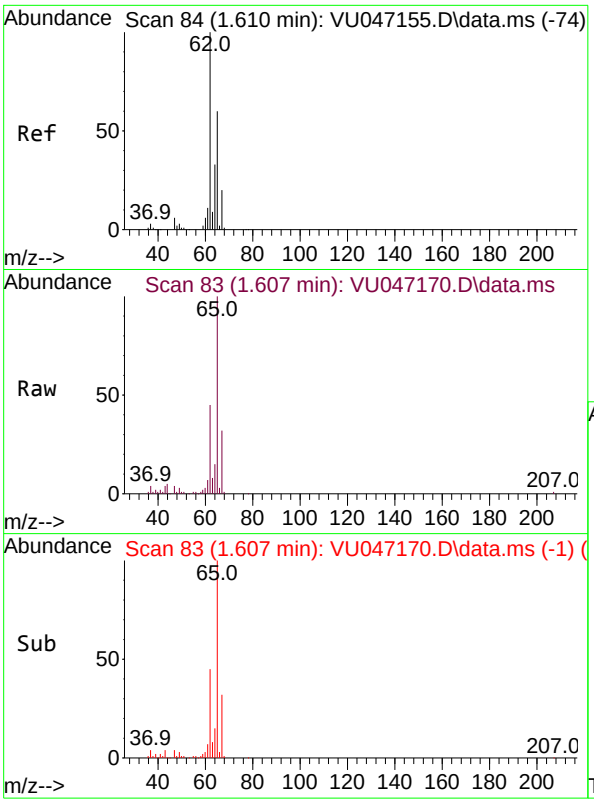
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 16 13:52:04 2022
Response via : Initial Calibration



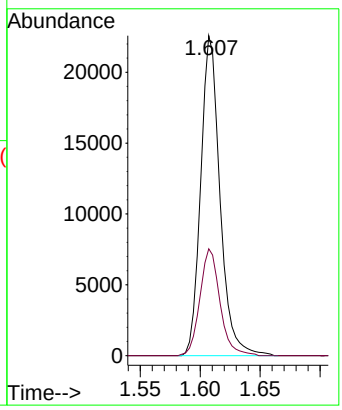


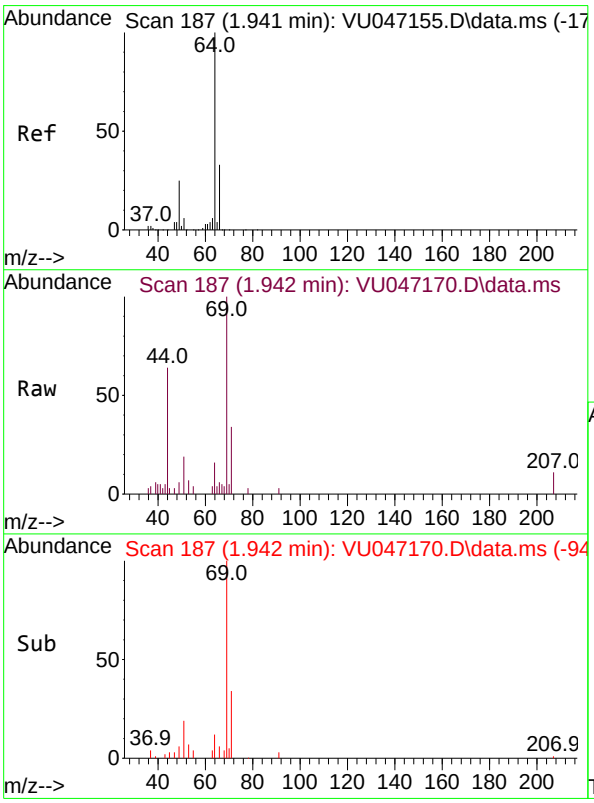
#5
Vinyl chloride
Concen: 1.524 ug/L
RT: 1.607 min Scan# 8
Delta R.T. -0.003 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 25311

Ion	Ratio	Lower	Upper
62	100		
64	33.4	22.9	42.5

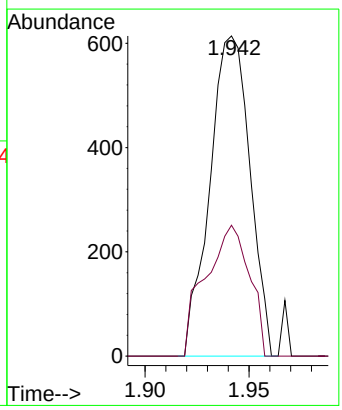


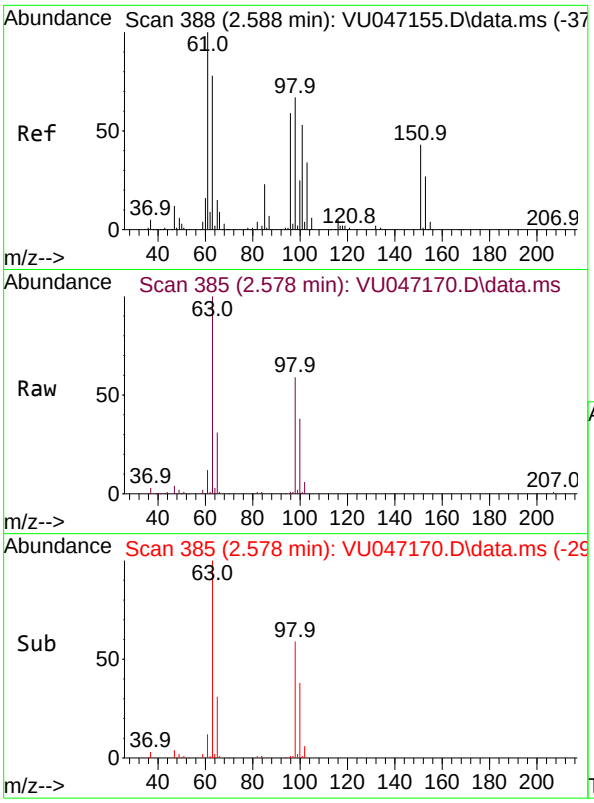


#8
Chloroethane
Concen: 0.086 ug/L
RT: 1.942 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Tgt Ion: 64 Resp: 827

Ion	Ratio	Lower	Upper
64	100		
66	40.9	22.1	41.1



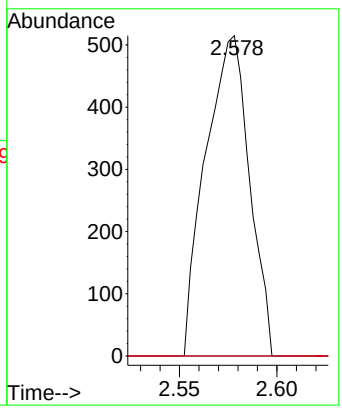


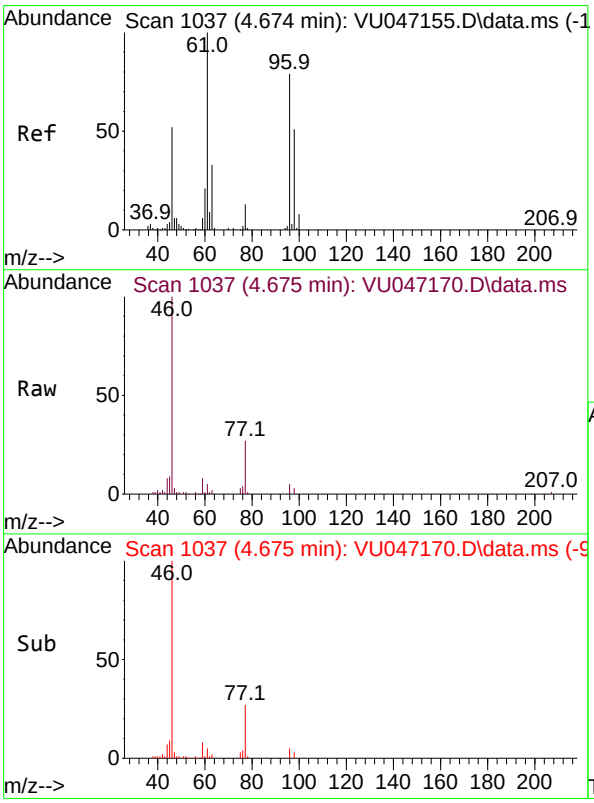
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.578 min Scan# 3
Delta R.T. -0.009 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 806

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	56.1	84.1#

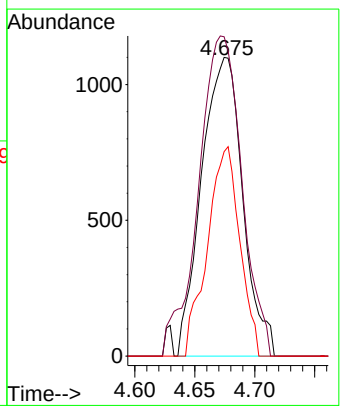


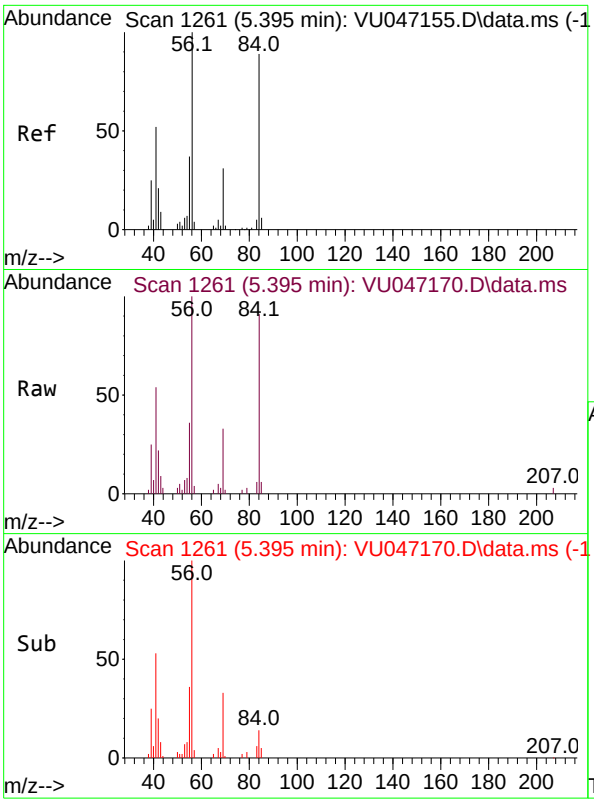


#22
cis-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Tgt Ion: 96 Resp: 2627

Ion	Ratio	Lower	Upper
96	100		
61	106.9	88.5	164.3
98	68.5	44.4	82.5



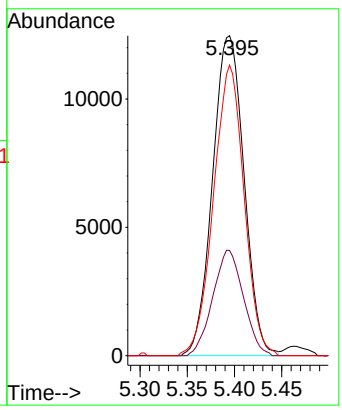


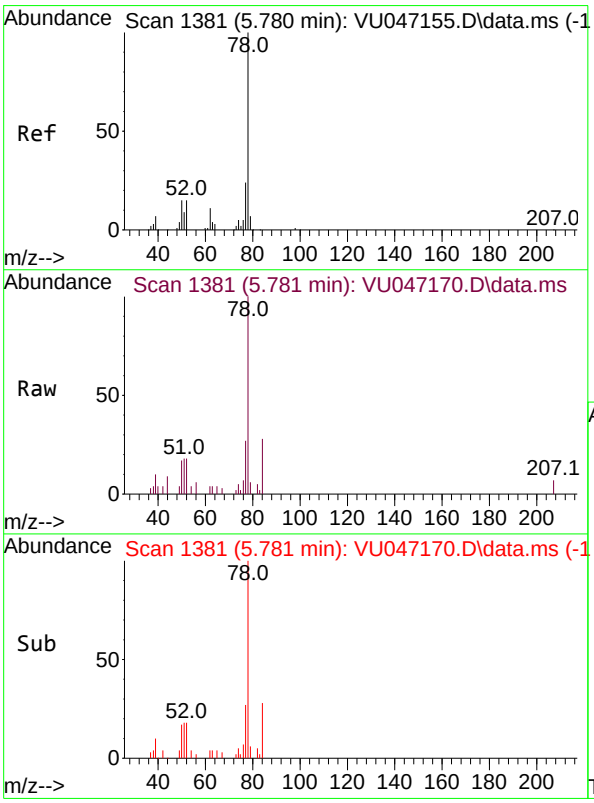
#30
Cyclohexane
Concen: 1.345 ug/L
RT: 5.395 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 28866

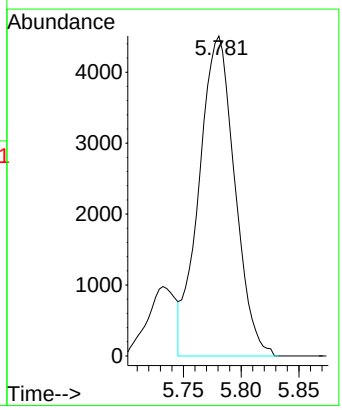
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.7	37.1
84	88.2	71.8	107.6

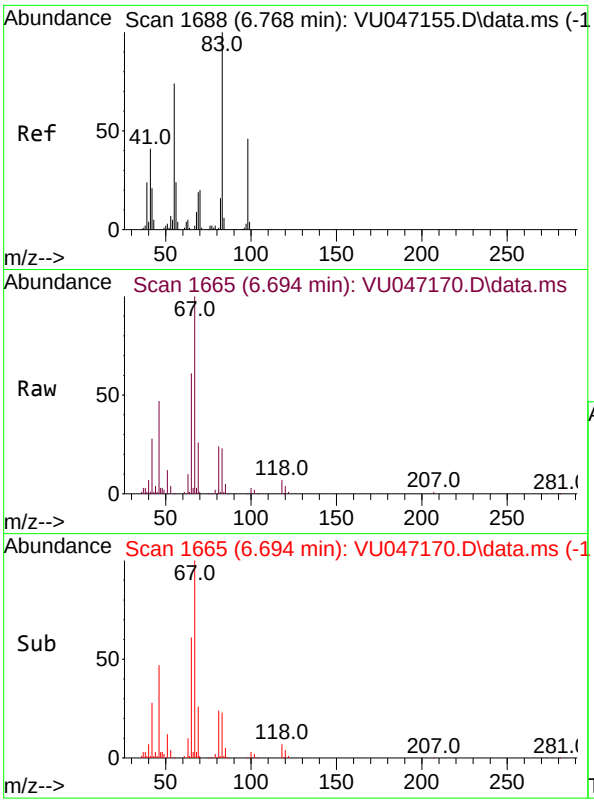




#33
Benzene
Concen: 0.188 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Tgt Ion: 78 Resp: 9681



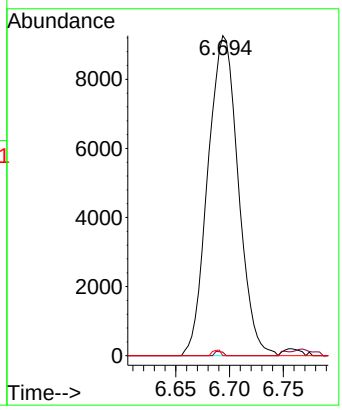


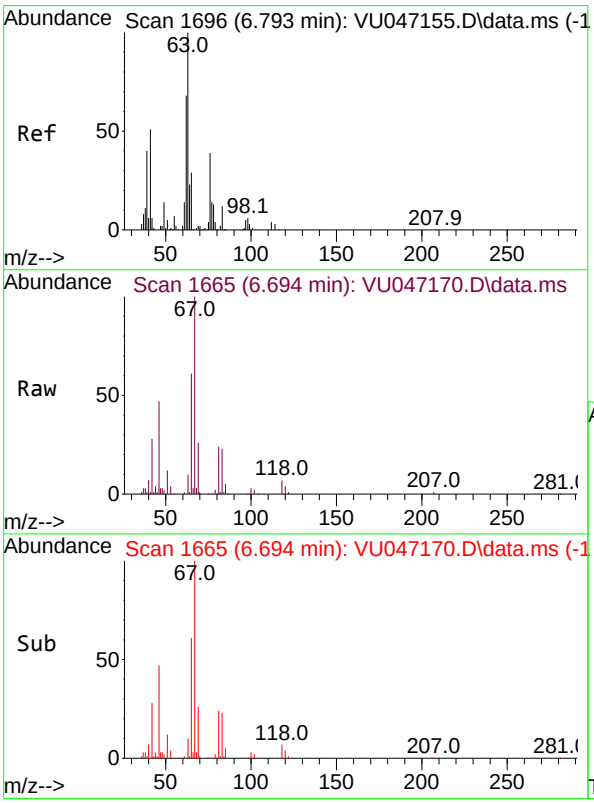
#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 18182

Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.9	92.9#
98	0.5	39.0	58.6#

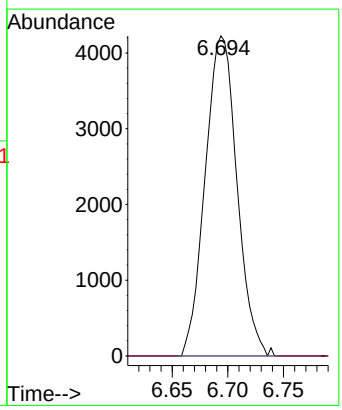


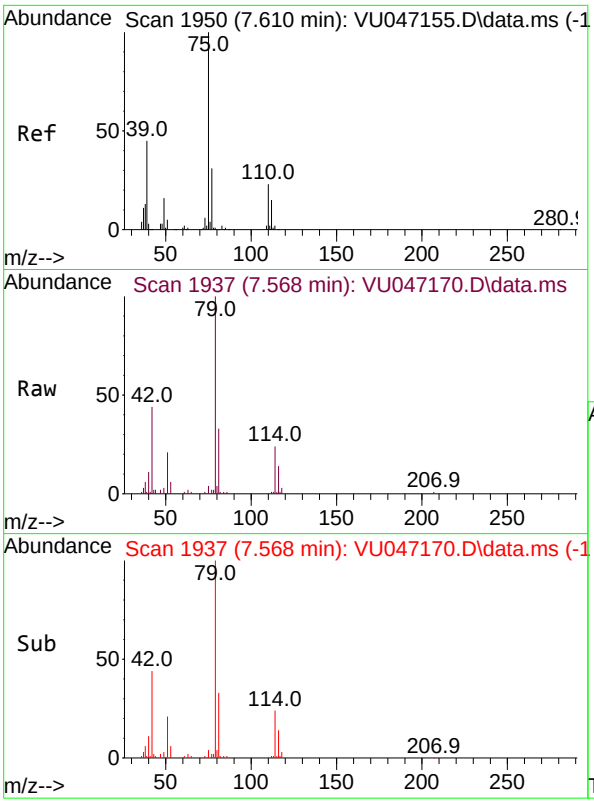


#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.099 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Tgt Ion: 63 Resp: 8395

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



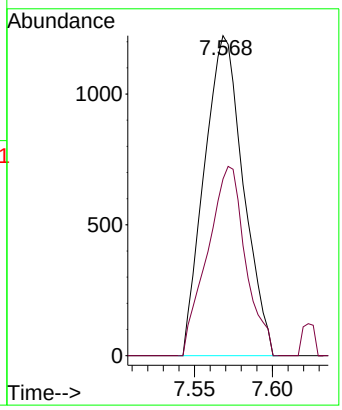


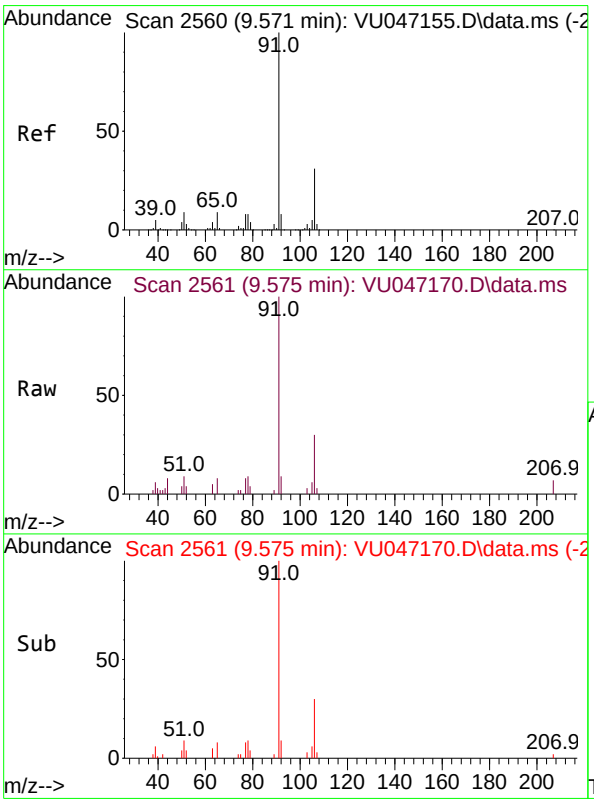
#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.568 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2129

Ion	Ratio	Lower	Upper
75	100		
77	55.2	22.5	41.9#

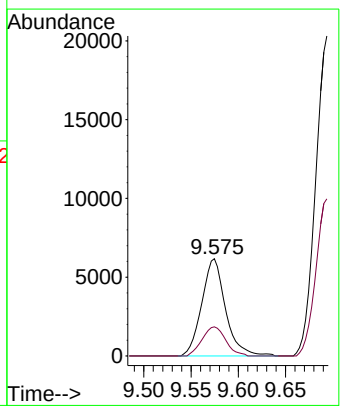


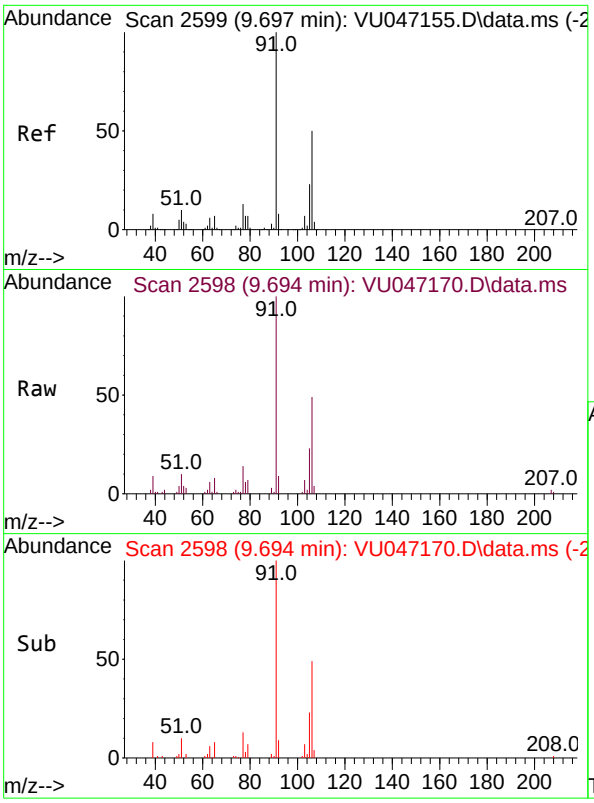


#52
Ethylbenzene
Concen: 0.172 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Tgt Ion: 91 Resp: 10795

Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.5	39.9



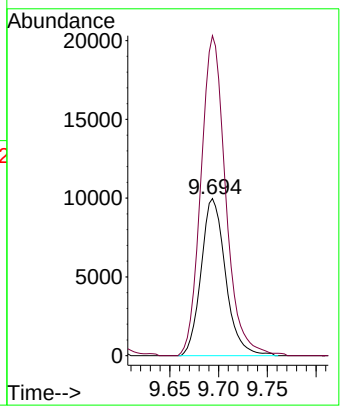


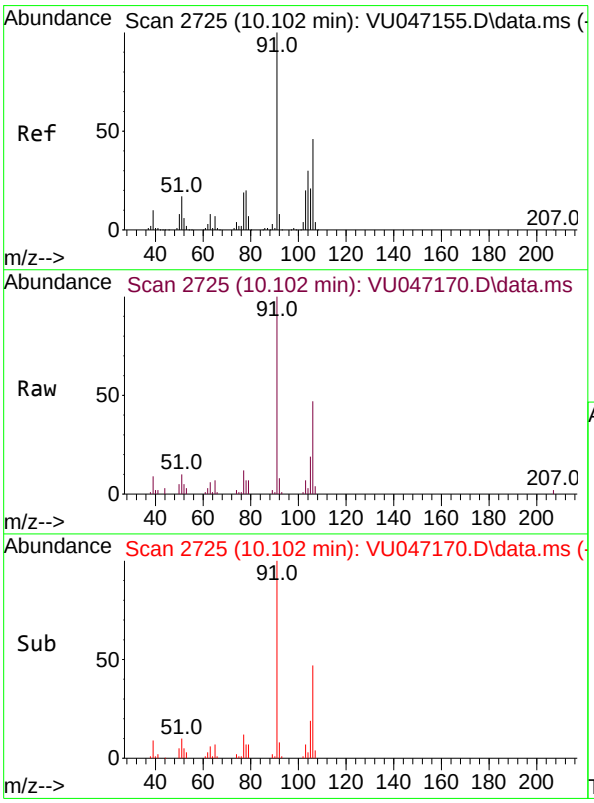
#53
m,p-Xylene
Concen: 0.706 ug/L
RT: 9.694 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 17447

Ion	Ratio	Lower	Upper
106	100		
91	203.7	139.4	259.0

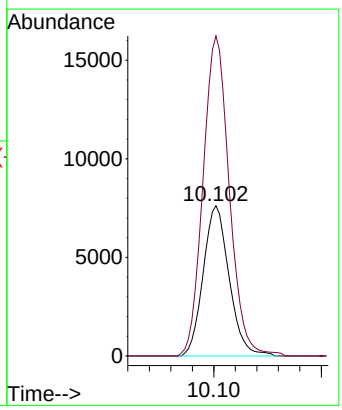


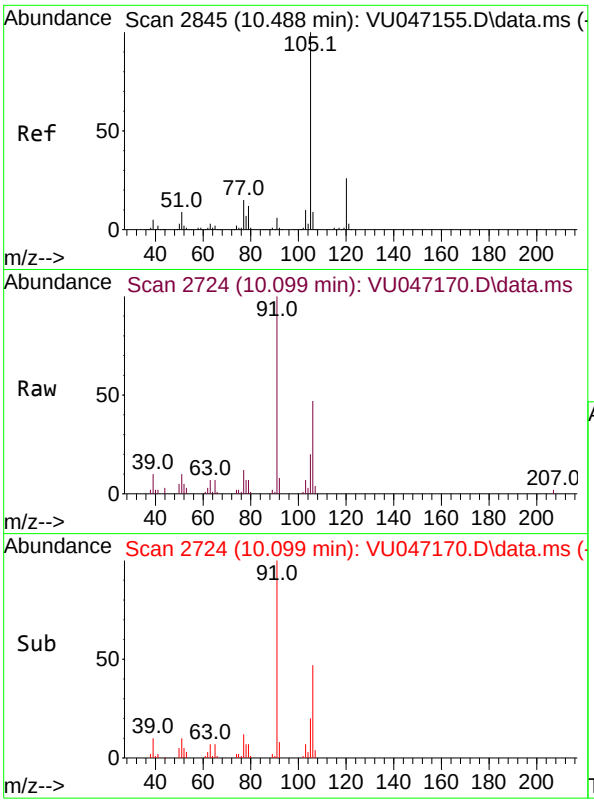


#54
o-Xylene
Concen: 0.531 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Tgt Ion:106 Resp: 12776

Ion	Ratio	Lower	Upper
106	100		
91	212.9	147.5	273.9



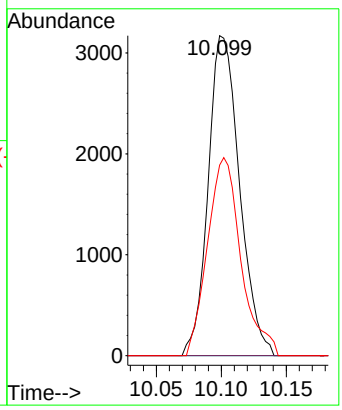


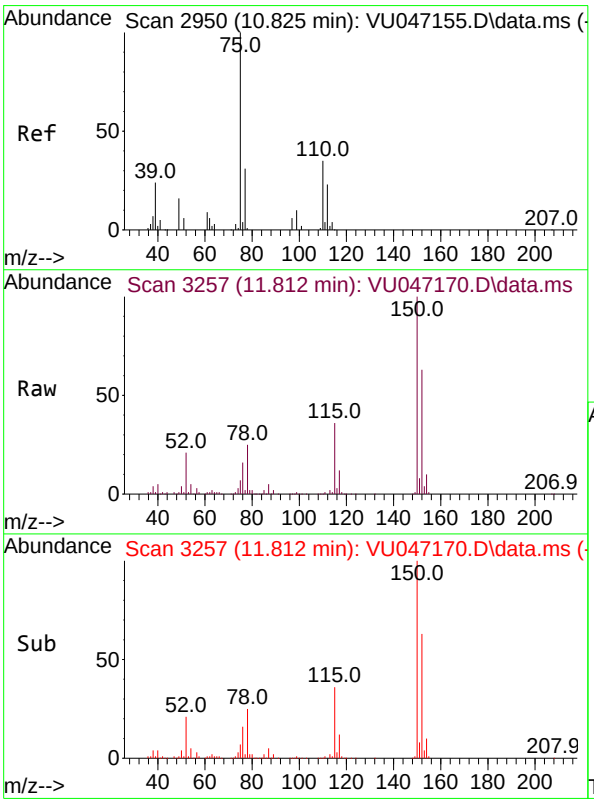
#60
Isopropylbenzene
Concen: 0.089 ug/L
RT: 10.099 min Scan# 2
Delta R.T. -0.389 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 5331

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.7	31.1#
77	65.8	12.6	19.0#





#61
1,2,3-Trichloropropane
Concen: 1.178 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Tgt Ion: 75 Resp: 11447

Ion	Ratio	Lower	Upper
75	100		
110	1.8	29.9	44.9#
77	33.0	25.5	38.3