Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052573.D
Acq On : 27 Dec 2022 18:35
Operator : JC/MD
Sample : N6170-10DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Quant Time: Dec 28 01:24:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 28 01:18:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	201569	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	186245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	96200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	56349	2.759	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 55.200%			
7) Chloroethane-d5	1.916	69	58735	3.335	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 66.800%			
11) 1,1-Dichloroethene-d2	2.568	65	27462	3.125	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.600%			
20) 2-Butanone-d5	4.642	46	301715	47.644	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.280%			
24) Chloroform-d	5.060	84	133219	3.867	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.400%			
26) 1,2-Dichloroethane-d4	5.700	65	77742	3.890	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.800%			
32) Benzene-d6	5.726	84	268115	4.199	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
36) 1,2-Dichloropropane-d6	6.687	67	96177	4.376	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.600%			
41) Toluene-d8	7.893	98	235690	4.397	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.000%			
43) trans-1,3-Dichloroprop...	8.176	79	34679	4.607	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.200%			
46) 2-Hexanone-d5	8.629	63	224151	54.433	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.860%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	83959	4.499	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.000%			
66) 1,2-Dichlorobenzene-d4	12.188	152	91386	4.666	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.400%			
Target Compounds						Qvalue
15) Methyl Acetate	3.083	43	168912	16.424	ug/L #	55
16) Methylene chloride	3.044	84	29945	1.404	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	5388	0.316	ug/L	87
30) Cyclohexane	5.385	56	137691	5.436	ug/L	88
35) Methylcyclohexane	6.761	83	288736	12.209	ug/L	95
37) 1,2-Dichloropropane	6.755	63	3531	0.189	ug/L #	34
45) 1,1,2-Trichloroethane	8.365	97	39141	2.952	ug/L #	18
48) 2-Hexanone	8.632	43	51623	5.006	ug/L #	49
52) Ethylbenzene	9.565	91	31790	0.478	ug/L	98
53) m,p-Xylene	9.687	106	105927	4.316	ug/L	96
60) Isopropylbenzene	10.481	105	24765	0.397	ug/L	96
62) 1,3,5-Trimethylbenzene	11.082	105	71170	1.384	ug/L	98
63) 1,2,4-Trimethylbenzene	11.462	105	231739	4.477	ug/L	100
71) Naphthalene	14.082	128	35574	0.917	ug/L #	97

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

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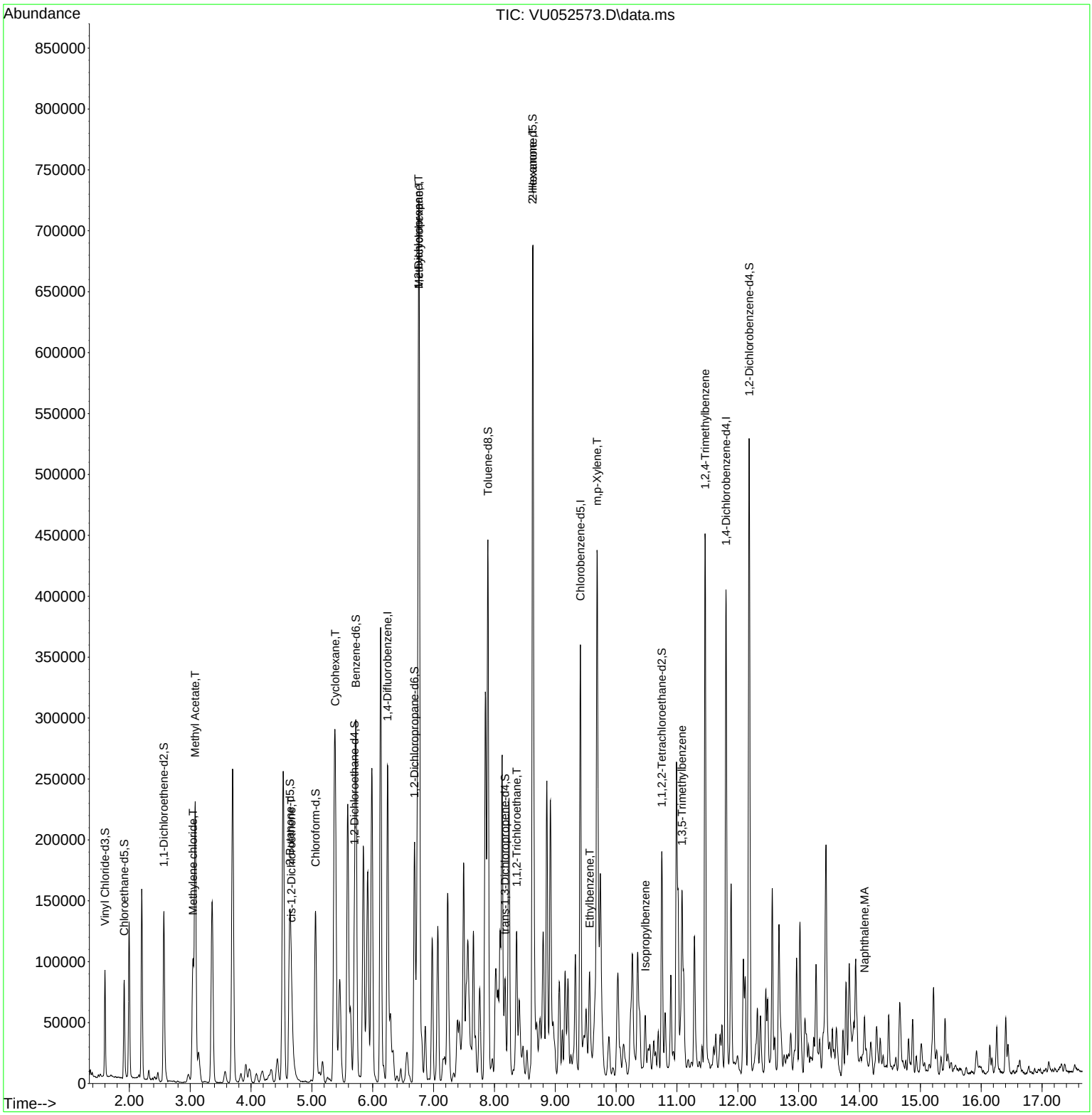
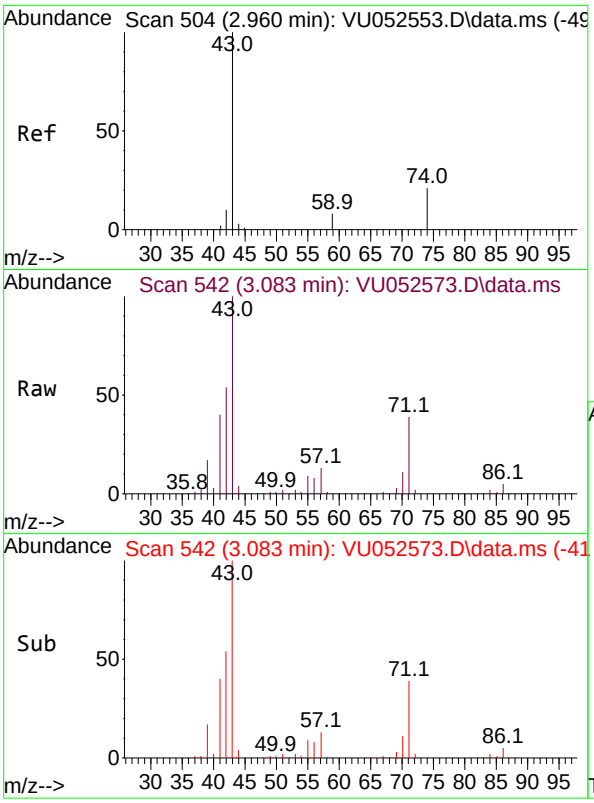
GBQB7DL

Quant Time: Dec 28 01:24:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 28 01:18:16 2022
Response via : Initial Calibration



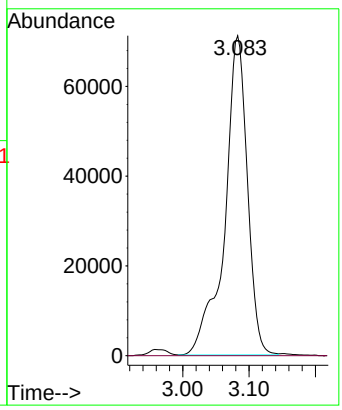


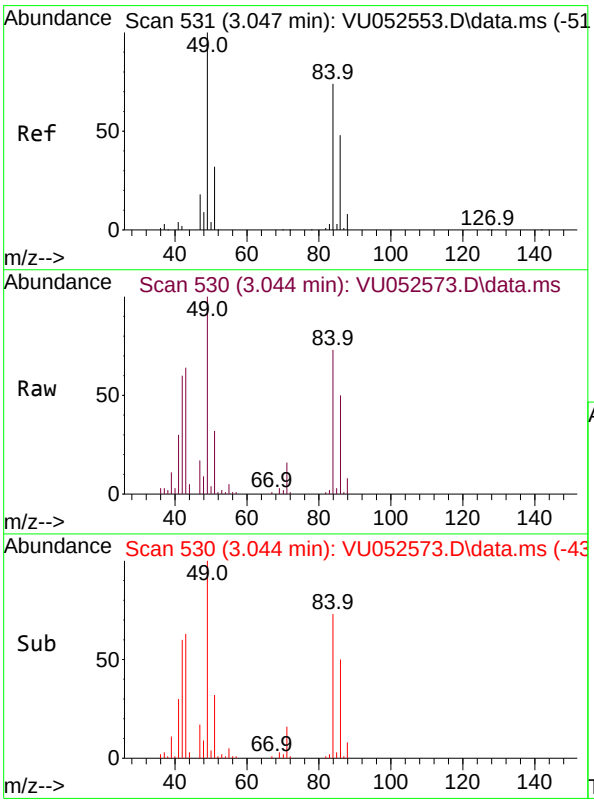
#15
Methyl Acetate
Concen: 16.424 ug/L
RT: 3.083 min Scan# 54
Delta R.T. 0.122 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Tgt Ion: 43 Resp: 168912

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.9	25.3#

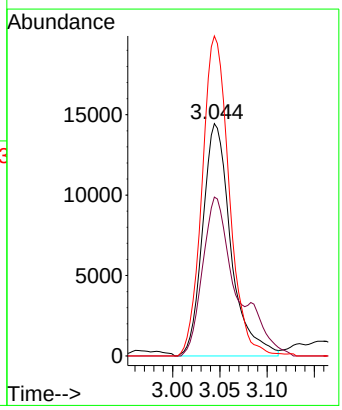


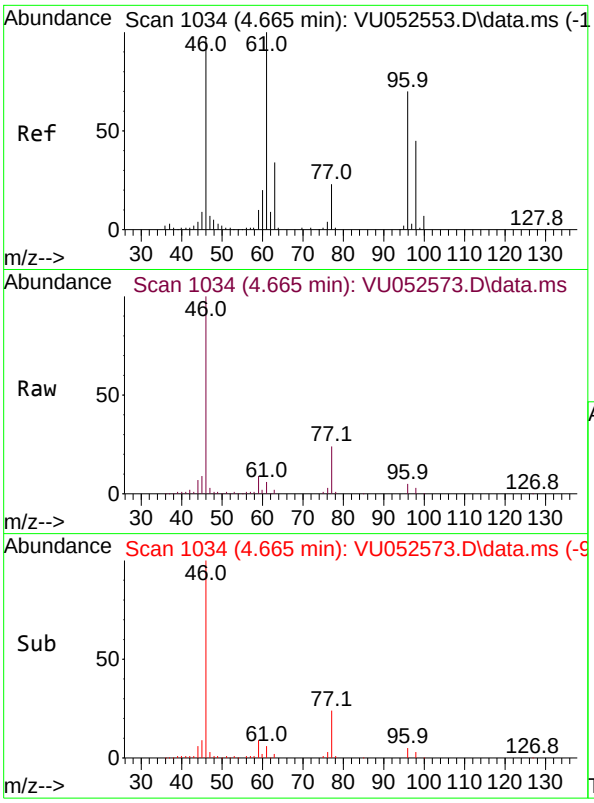


#16
Methylene chloride
Concen: 1.404 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion: 84 Resp: 29945

Ion	Ratio	Lower	Upper
84	100		
86	68.4	44.7	83.1
49	137.8	93.3	173.3



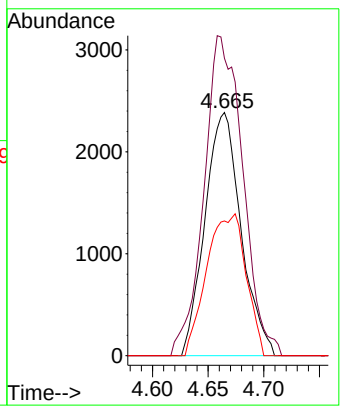


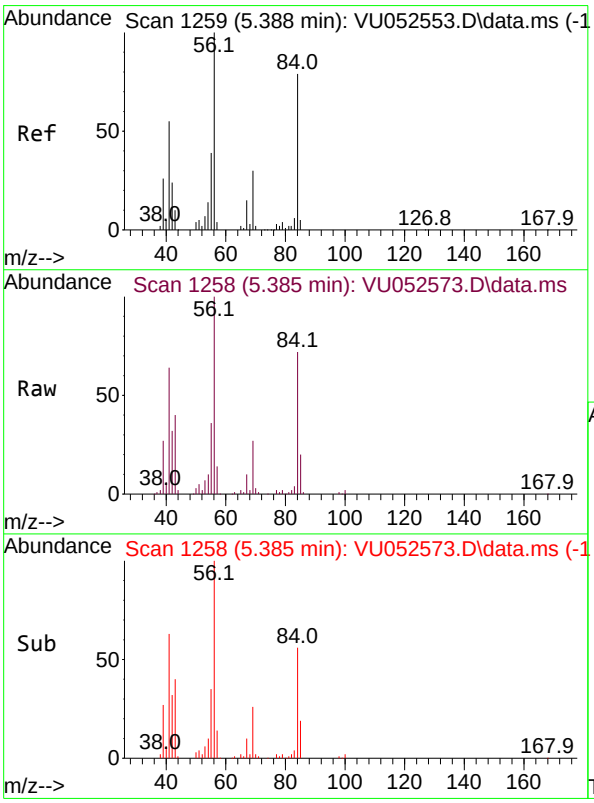
#22
cis-1,2-Dichloroethene
Concen: 0.316 ug/L
RT: 4.665 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Tgt Ion: 96 Resp: 5388

Ion	Ratio	Lower	Upper
96	100		
61	122.3	96.9	180.1
98	55.4	44.7	83.1

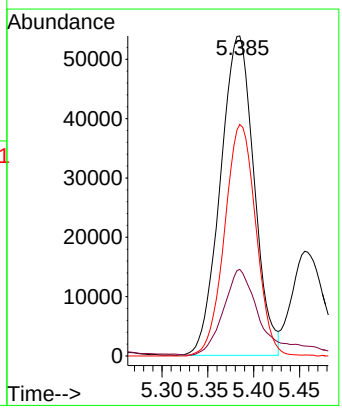


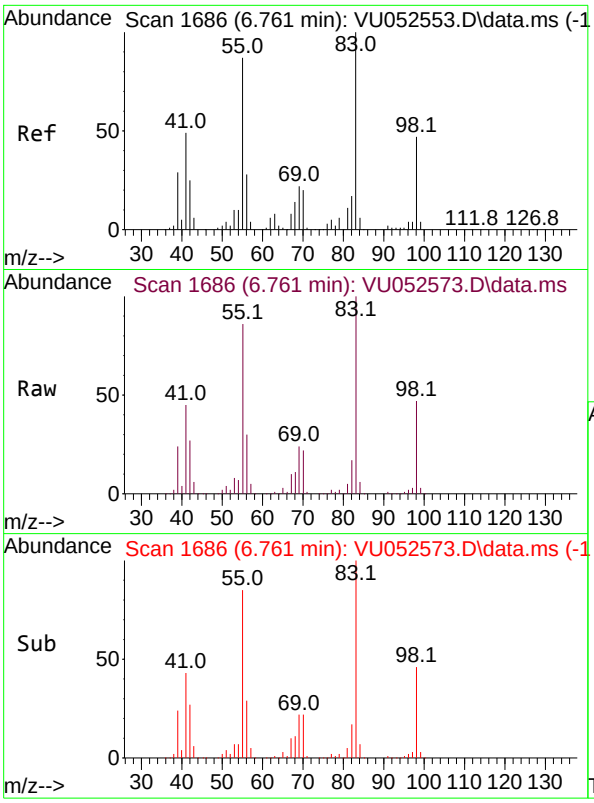


#30
Cyclohexane
Concen: 5.436 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion: 56 Resp: 137691

Ion	Ratio	Lower	Upper
56	100		
69	31.4	23.0	34.6
84	67.3	64.4	96.6



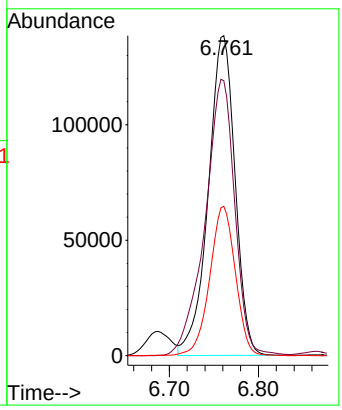


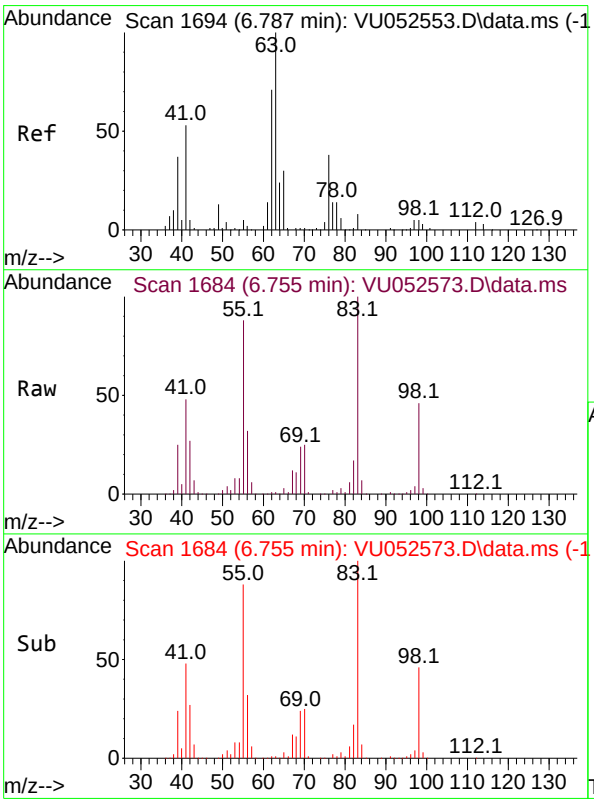
#35
Methylcyclohexane
Concen: 12.209 ug/L
RT: 6.761 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Tgt Ion: 83 Resp: 288736

Ion	Ratio	Lower	Upper
83	100		
55	96.3	71.4	107.0
98	45.0	36.5	54.7

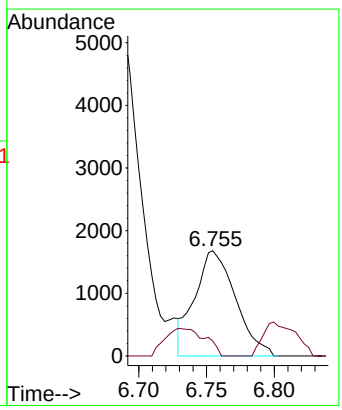


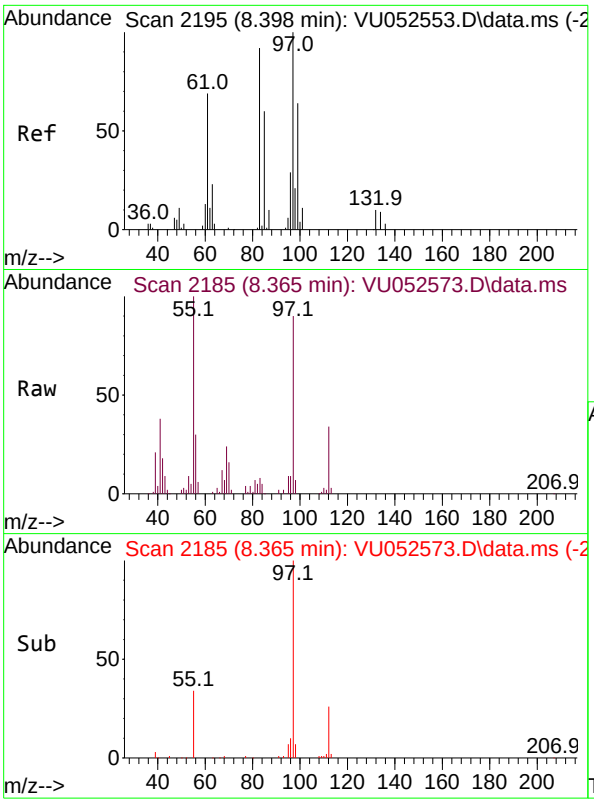


#37
1,2-Dichloropropane
Concen: 0.189 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.032 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion: 63 Resp: 3531

Ion	Ratio	Lower	Upper
63	100		
112	25.6	3.0	4.6#



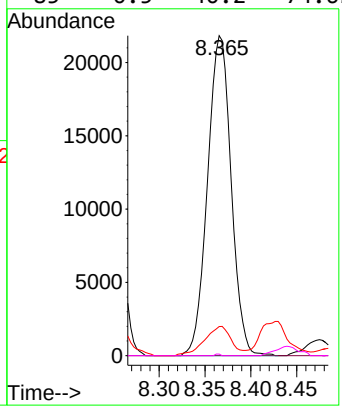


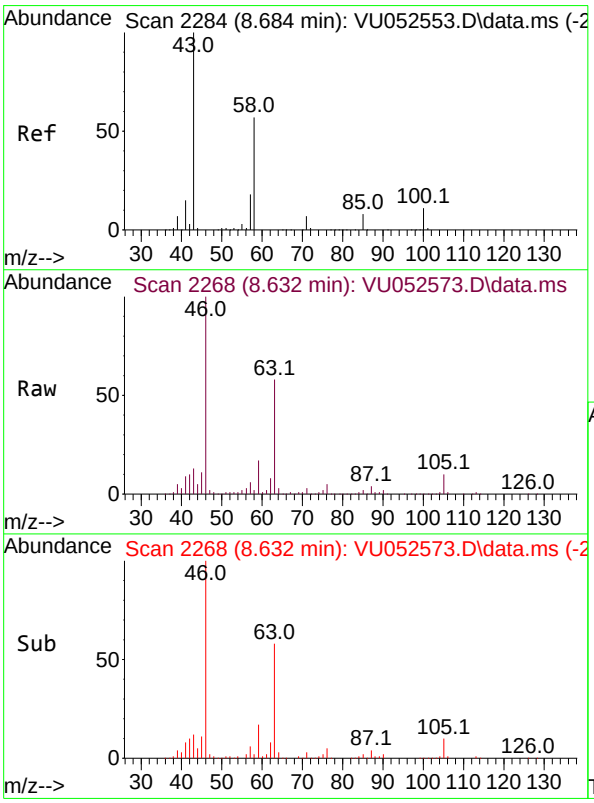
#45
1,1,2-Trichloroethane
Concen: 2.952 ug/L
RT: 8.365 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Tgt Ion: 97 Resp: 39141

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.0	78.0#
83	9.1	63.2	117.4#
85	0.5	40.2	74.6#

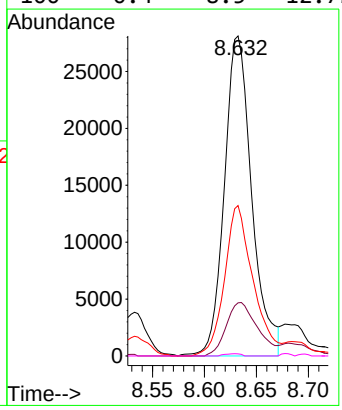


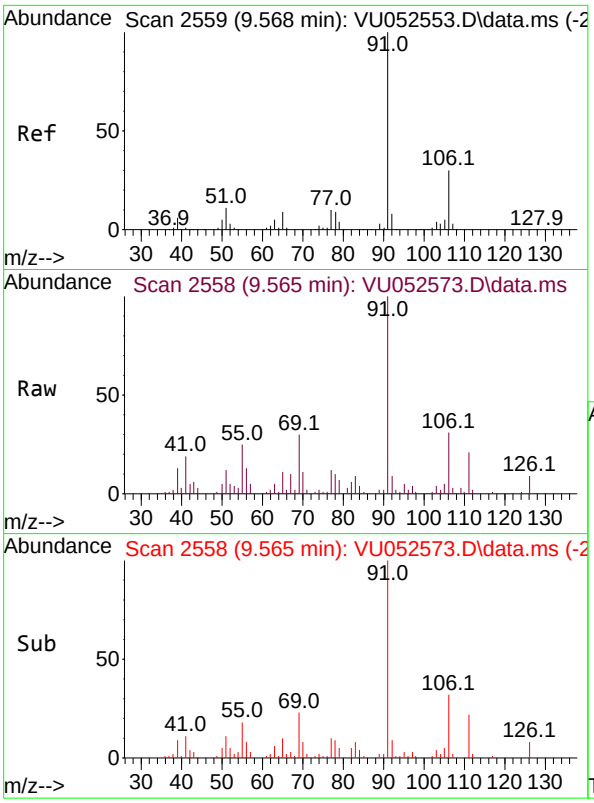


#48
2-Hexanone
Concen: 5.006 ug/L
RT: 8.632 min Scan# 2268
Delta R.T. -0.051 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion: 43 Resp: 51623

Ion	Ratio	Lower	Upper
43	100		
58	19.2	44.1	66.1#
57	49.0	14.6	21.8#
100	0.4	8.5	12.7#



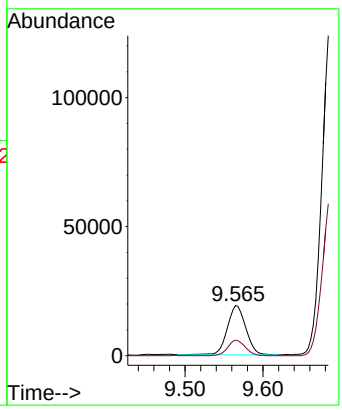


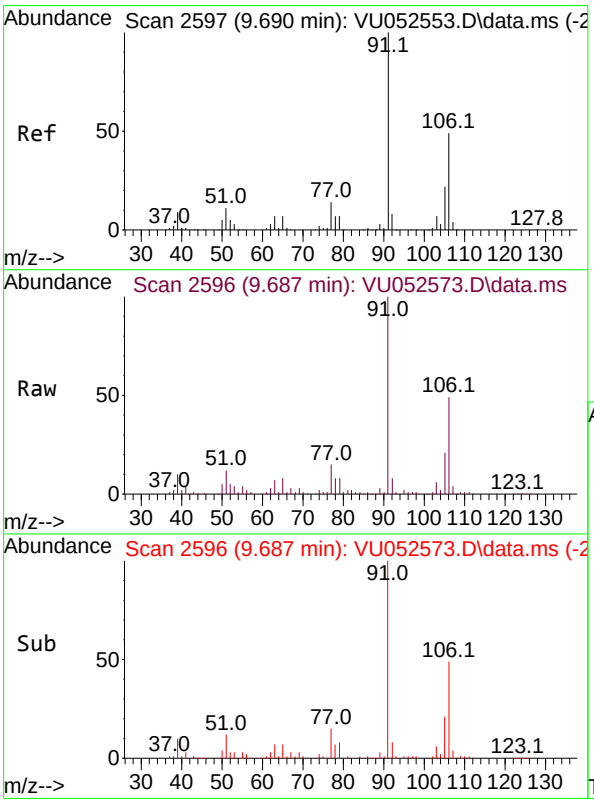
#52
Ethylbenzene
Concen: 0.478 ug/L
RT: 9.565 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Tgt Ion: 91 Resp: 31790

Ion	Ratio	Lower	Upper
91	100		
106	30.8	20.9	38.7

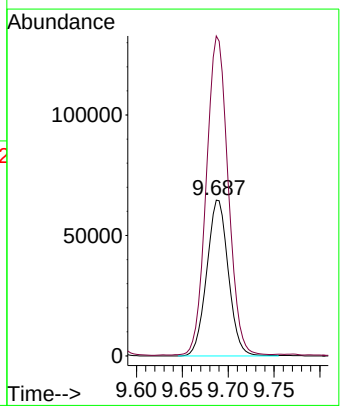


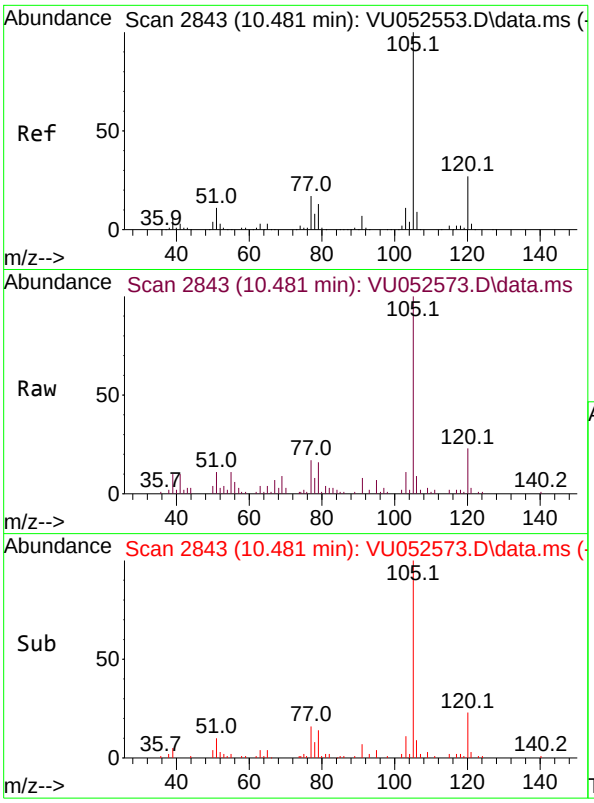


#53
m,p-Xylene
Concen: 4.316 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion:106 Resp: 105927

Ion	Ratio	Lower	Upper
106	100		
91	205.4	148.2	275.2



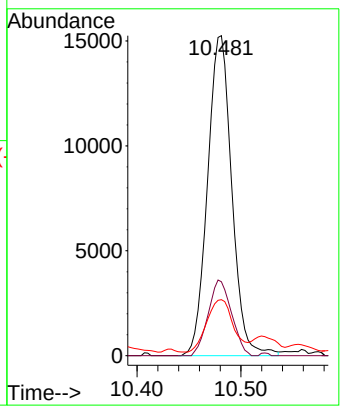


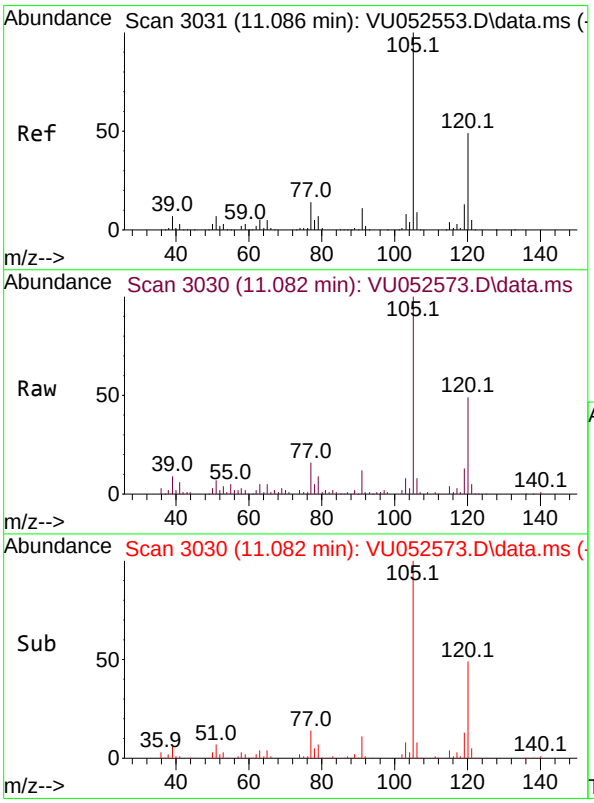
#60
Isopropylbenzene
Concen: 0.397 ug/L
RT: 10.481 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Tgt Ion:105 Resp: 24765

Ion	Ratio	Lower	Upper
105	100		
120	22.7	20.6	31.0
77	17.8	13.8	20.8

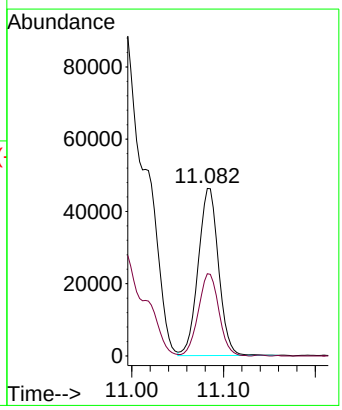


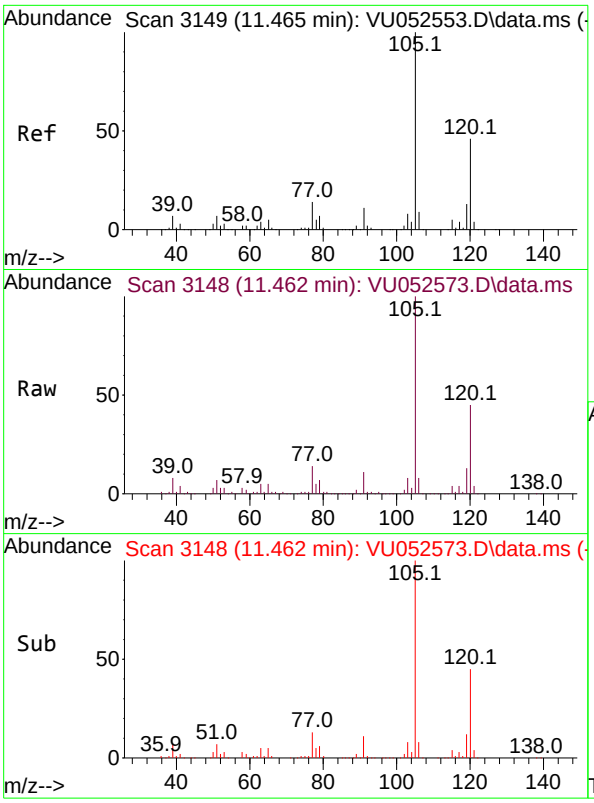


#62
1,3,5-Trimethylbenzene
Concen: 1.384 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion:105 Resp: 71170

Ion	Ratio	Lower	Upper
105	100		
120	49.8	38.6	57.8



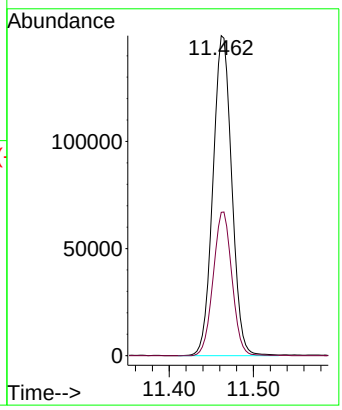


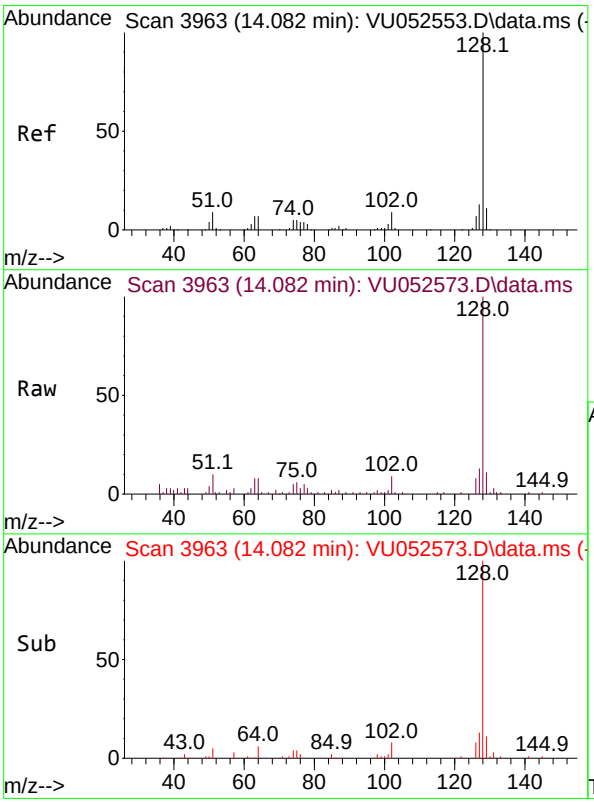
#63
1,2,4-Trimethylbenzene
Concen: 4.477 ug/L
RT: 11.462 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

Tgt Ion:105 Resp: 231739

Ion	Ratio	Lower	Upper
105	100		
120	44.7	35.6	53.4





#71
Naphthalene
Concen: 0.917 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion:128 Resp: 35574

Ion	Ratio	Lower	Upper
128	100		
129	8.1	8.7	13.1#
127	13.3	10.6	16.0