Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051560.D
Acq On : 27 Oct 2022 23:53
Operator : JC/MD
Sample : N5300-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Quant Time: Oct 28 00:14:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 00:08:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	264848	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	257063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	128017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76792	3.595	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.800%			
7) Chloroethane-d5	1.909	69	75834	4.131	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.600%			
11) 1,1-Dichloroethene-d2	2.565	65	28228	3.343	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.800%			
20) 2-Butanone-d5	4.623	46	231611	49.241	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.480%			
24) Chloroform-d	5.064	84	158555	3.981	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.600%			
26) 1,2-Dichloroethane-d4	5.700	65	83685	4.074	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.400%			
32) Benzene-d6	5.726	84	310890	4.396	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.690	67	105696	4.401	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.000%			
41) Toluene-d8	7.896	98	230426	3.642	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.800%			
43) trans-1,3-Dichloroprop...	8.179	79	29615	3.753	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.000%			
46) 2-Hexanone-d5	8.632	63	177216	66.639	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 133.280%#			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	87663	4.569	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	91285	4.103	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	7783	0.262	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	6054	0.294	ug/L #	87
15) Methyl Acetate	3.080	43	31804	3.708	ug/L #	50
16) Methylene chloride	3.044	84	13216	0.463	ug/L	91
19) 1,1-Dichloroethane	3.864	63	40733	0.971	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	199363	8.858	ug/L	95
27) 1,2-Dichloroethane	5.774	62	9309	0.355	ug/L #	74
29) 1,1,1-Trichloroethane	5.311	97	8878	0.288	ug/L	97
30) Cyclohexane	5.385	56	4626	0.177	ug/L	88
33) Benzene	5.771	78	805166	9.382	ug/L	100
35) Methylcyclohexane	6.764	83	3565	0.132	ug/L	94
37) 1,2-Dichloropropane	6.690	63	10437	0.444	ug/L #	88
42) Toluene	7.967	91	4142362	45.474	ug/L	100
51) Chlorobenzene	9.449	112	16347	0.300	ug/L	96
52) Ethylbenzene	9.568	91	378470	4.623	ug/L	96
53) m,p-Xylene	9.690	106	367636	11.580	ug/L	96
54) o-Xylene	10.099	106	124218	4.135	ug/L	99
55) Styrene	10.099	104	9198	0.178	ug/L #	1
60) Isopropylbenzene	10.481	105	26723	0.330	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051560.D
Acq On : 27 Oct 2022 23:53
Operator : JC/MD
Sample : N5300-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Quant Time: Oct 28 00:14:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 00:08:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	11.086	105	91862	4.271	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	344254	5.659	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	5622	0.142	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	17111	0.439	ug/L	97
71) Naphthalene	14.089	128	11793	0.323	ug/L	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051560.D
Acq On : 27 Oct 2022 23:53
Operator : JC/MD
Sample : N5300-12DL 100X
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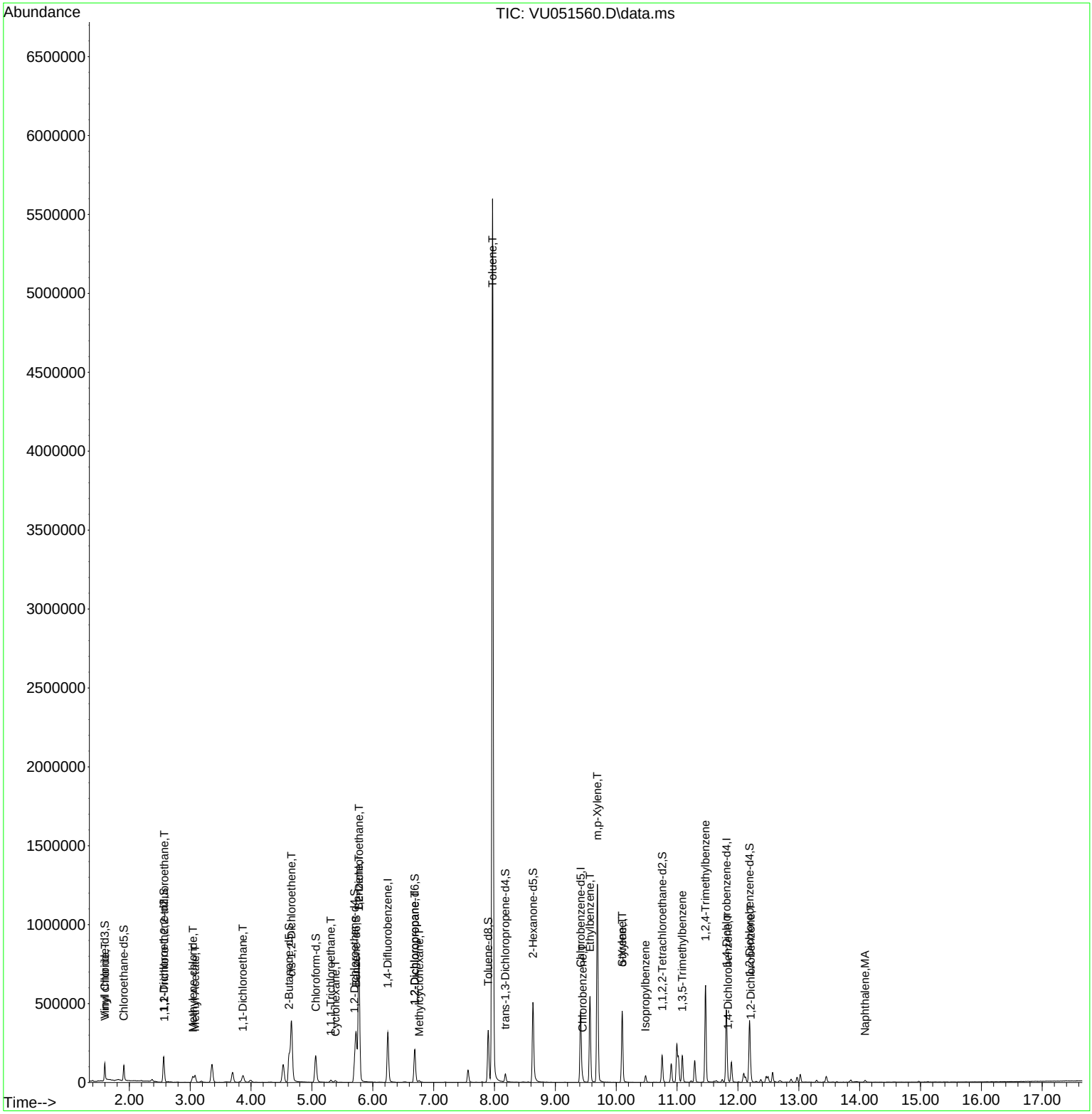
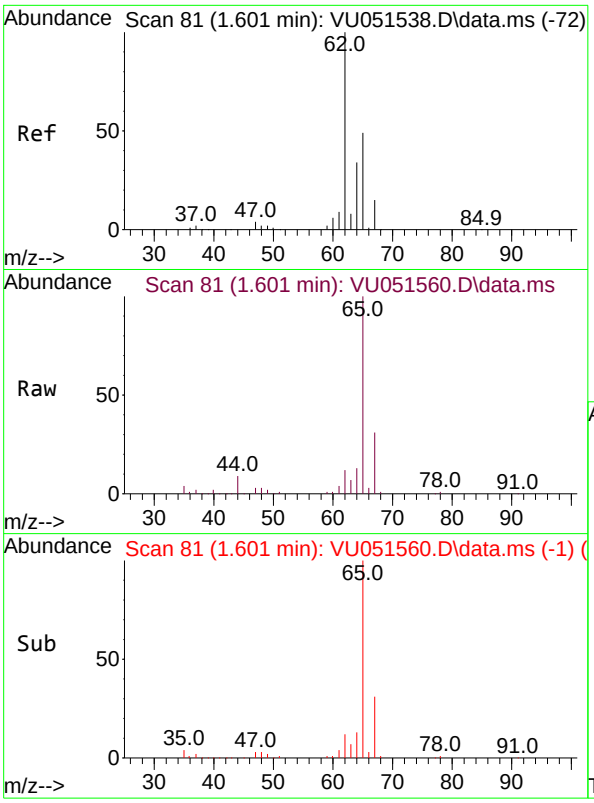
Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Quant Time: Oct 28 00:14:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 00:08:00 2022
Response via : Initial Calibration



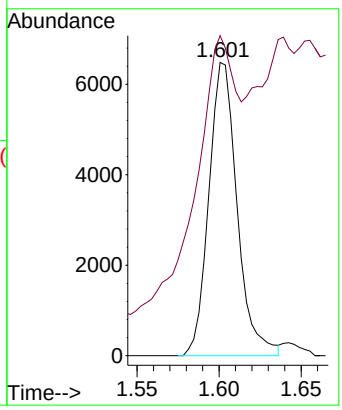


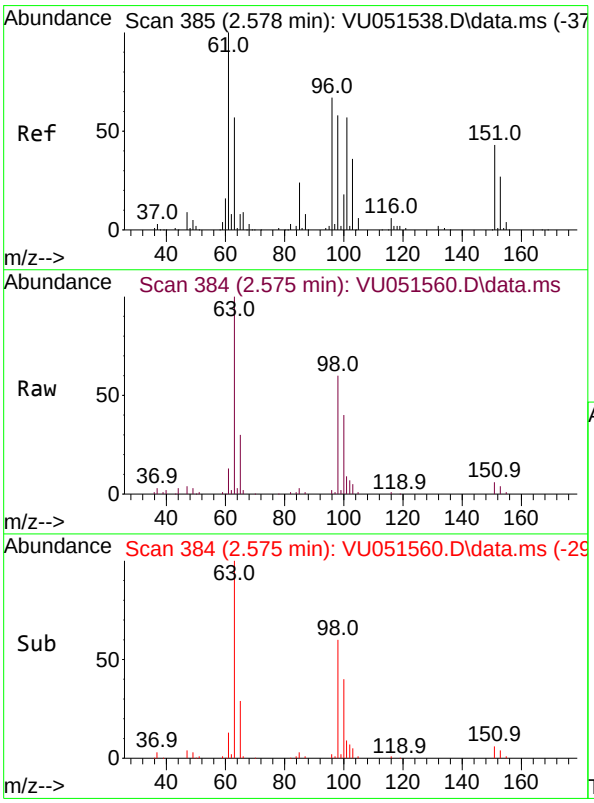
#5
Vinyl chloride
Concen: 0.262 ug/L
RT: 1.601 min Scan# 8
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion: 62 Resp: 7783

Ion	Ratio	Lower	Upper
62	100		
64	109.1	24.0	44.6#

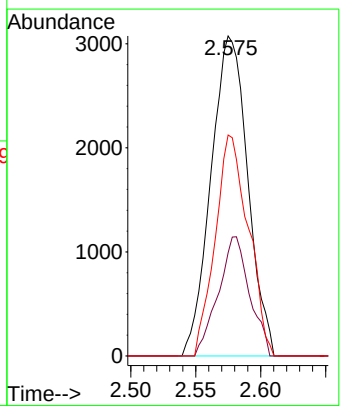


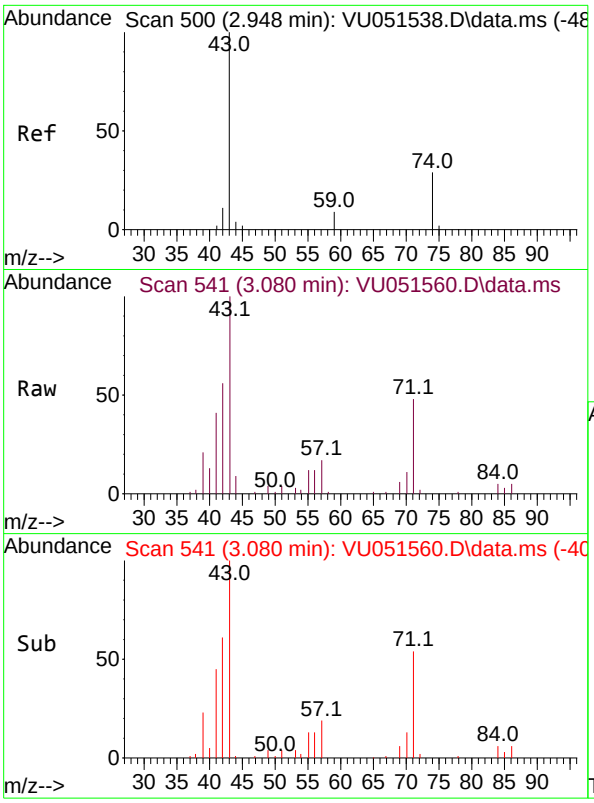


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.294 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion:101 Resp: 6054

Ion	Ratio	Lower	Upper
101	100		
85	31.7	34.6	51.8#
151	62.2	56.5	84.7



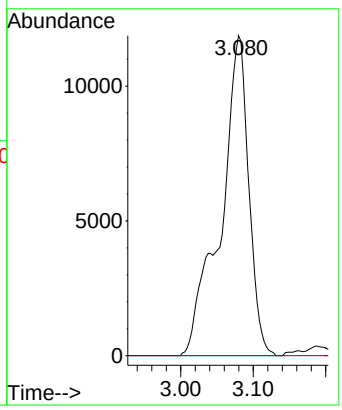


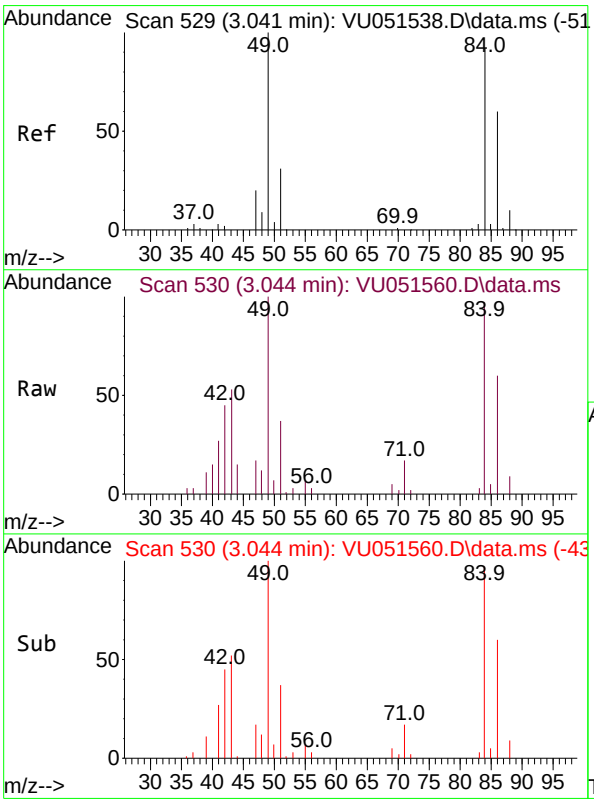
#15
Methyl Acetate
Concen: 3.708 ug/L
RT: 3.080 min Scan# 54
Delta R.T. 0.132 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion: 43 Resp: 31804

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.0	30.0#

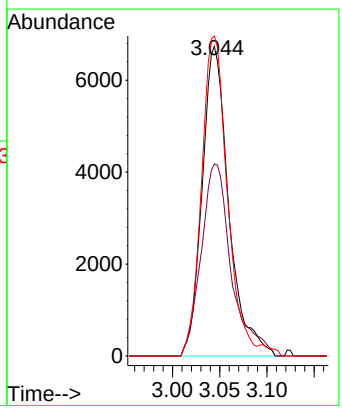


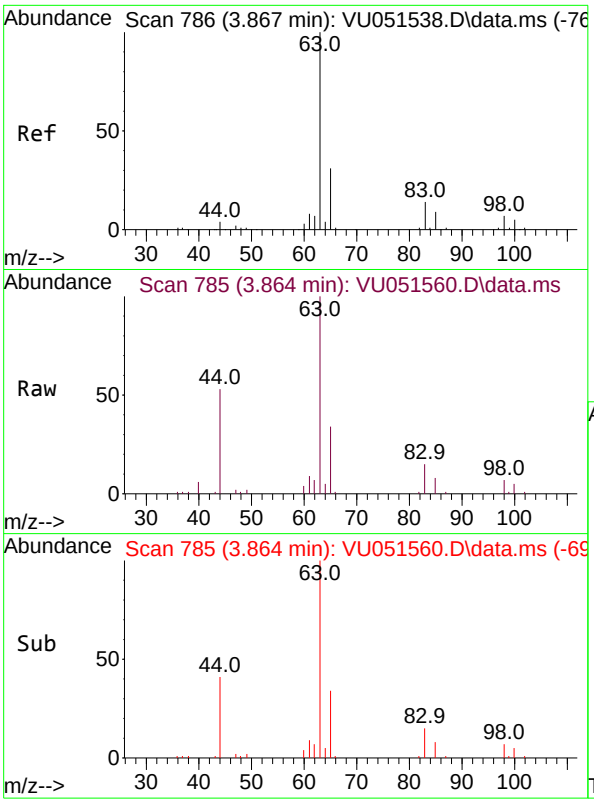


#16
Methylene chloride
Concen: 0.463 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion: 84 Resp: 13216

Ion	Ratio	Lower	Upper
84	100		
86	62.0	46.5	86.3
49	103.4	81.3	151.1



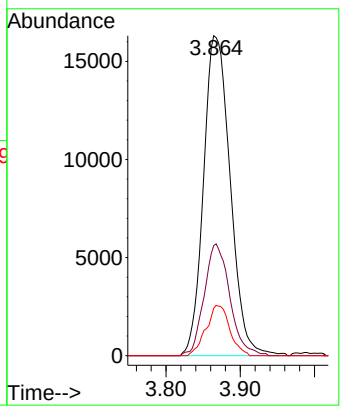


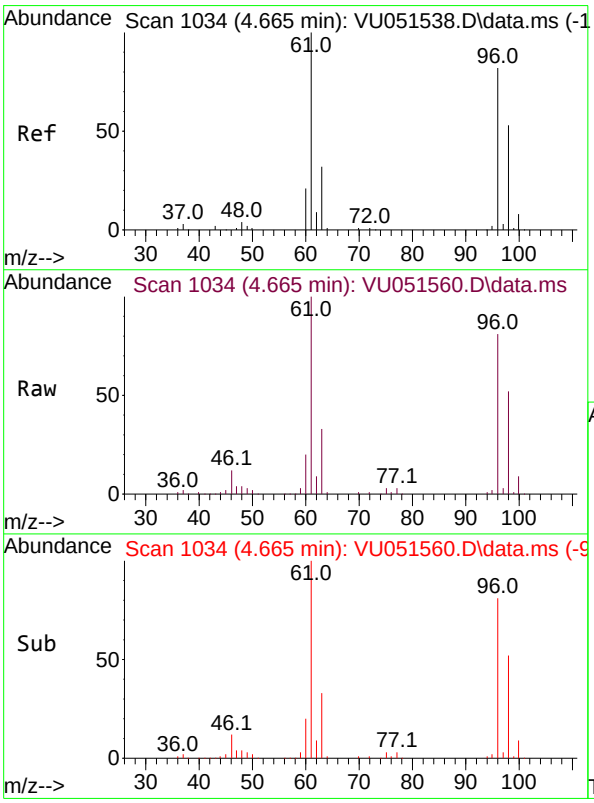
#19
1,1-Dichloroethane
Concen: 0.971 ug/L
RT: 3.864 min Scan# 7
Delta R.T. -0.003 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion: 63 Resp: 40733

Ion	Ratio	Lower	Upper
63	100		
65	34.4	22.0	41.0
83	14.9	9.0	16.6

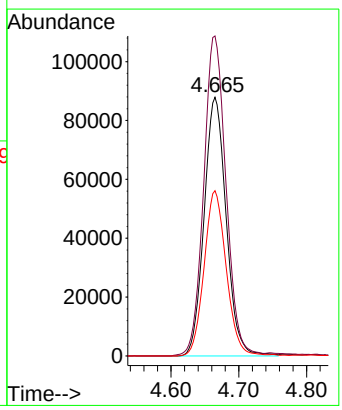


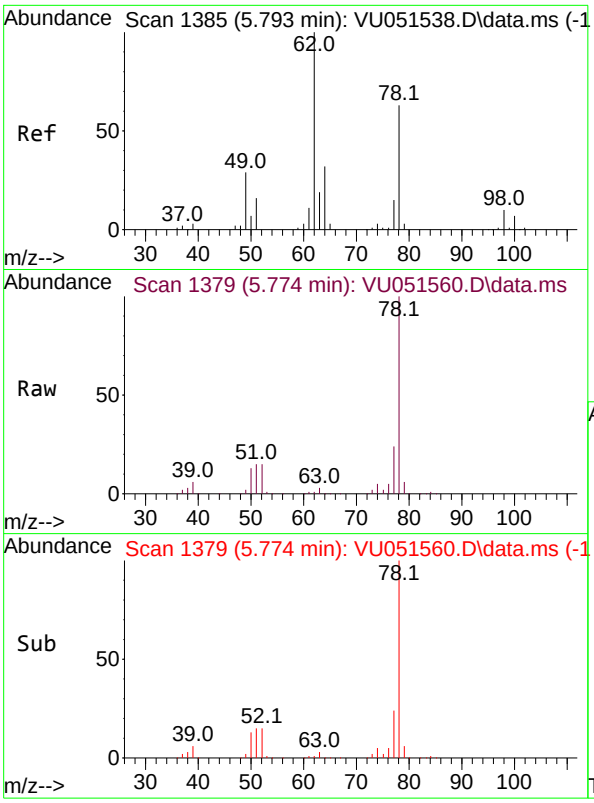


#22
cis-1,2-Dichloroethene
Concen: 8.858 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion: 96 Resp: 199363

Ion	Ratio	Lower	Upper
96	100		
61	123.7	90.6	168.2
98	63.9	47.5	88.3



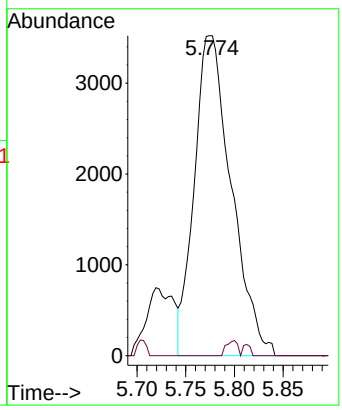


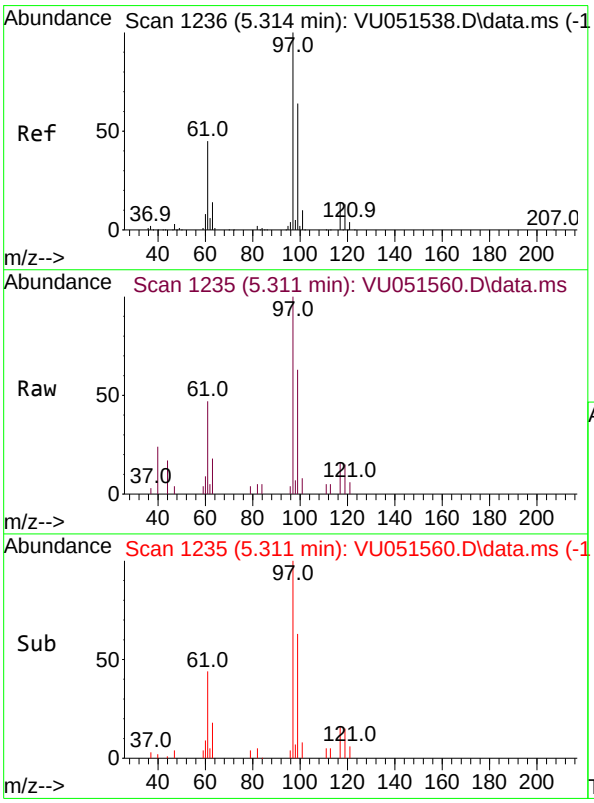
#27
1,2-Dichloroethane
Concen: 0.355 ug/L
RT: 5.774 min Scan# 1
Delta R.T. -0.019 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion: 62 Resp: 9309

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.7	11.5#

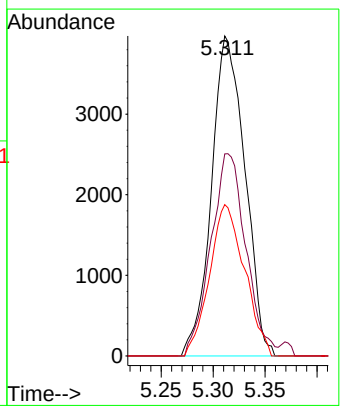


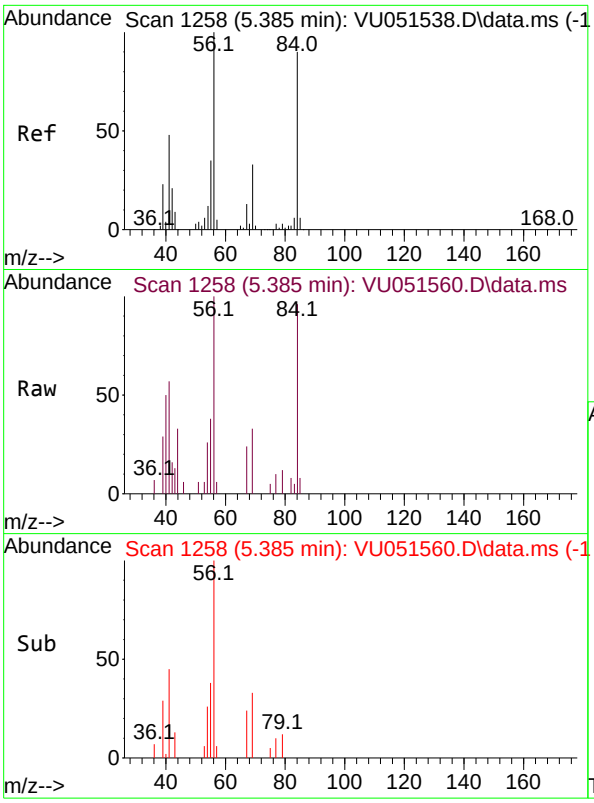


#29
1,1,1-Trichloroethane
Concen: 0.288 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion: 97 Resp: 8878

Ion	Ratio	Lower	Upper
97	100		
99	66.5	50.2	75.4
61	49.5	38.7	58.1



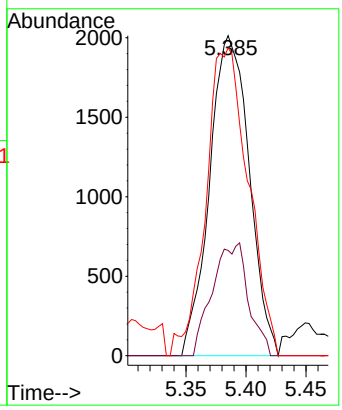


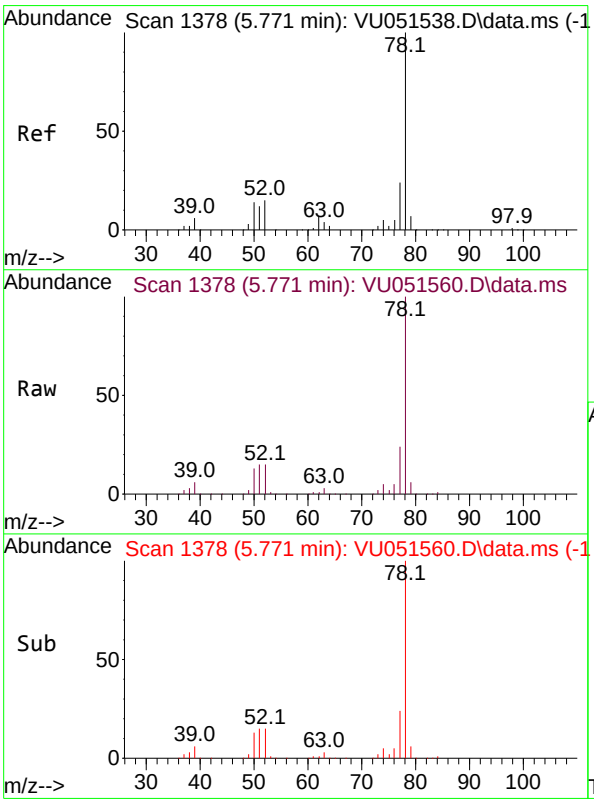
#30
Cyclohexane
Concen: 0.177 ug/L
RT: 5.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion: 56 Resp: 4626

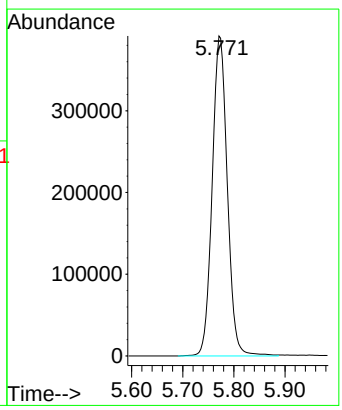
Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.1	37.7
84	102.9	70.9	106.3

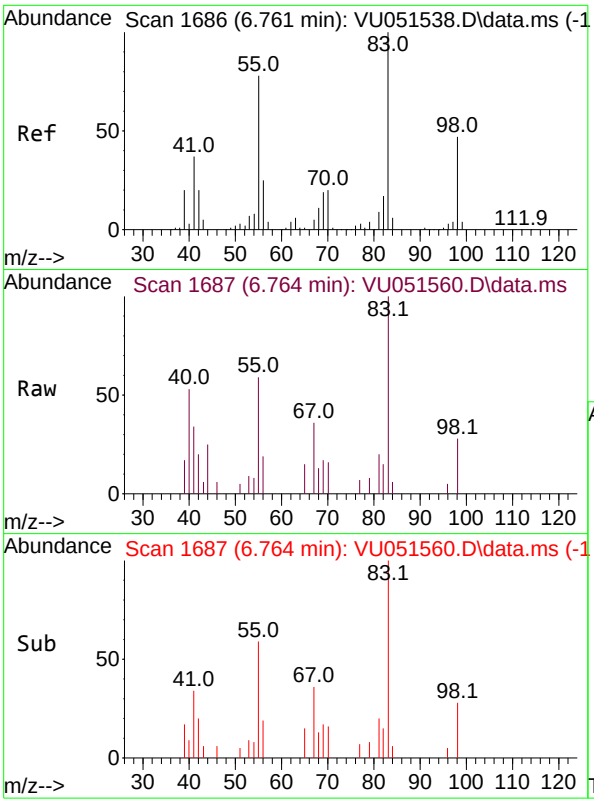




#33
Benzene
Concen: 9.382 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion: 78 Resp: 805166



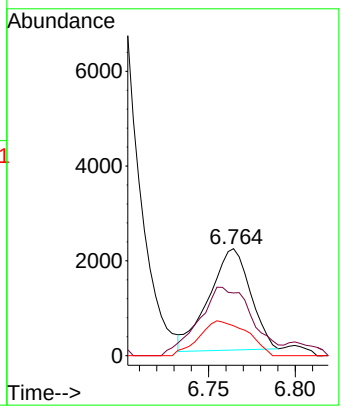


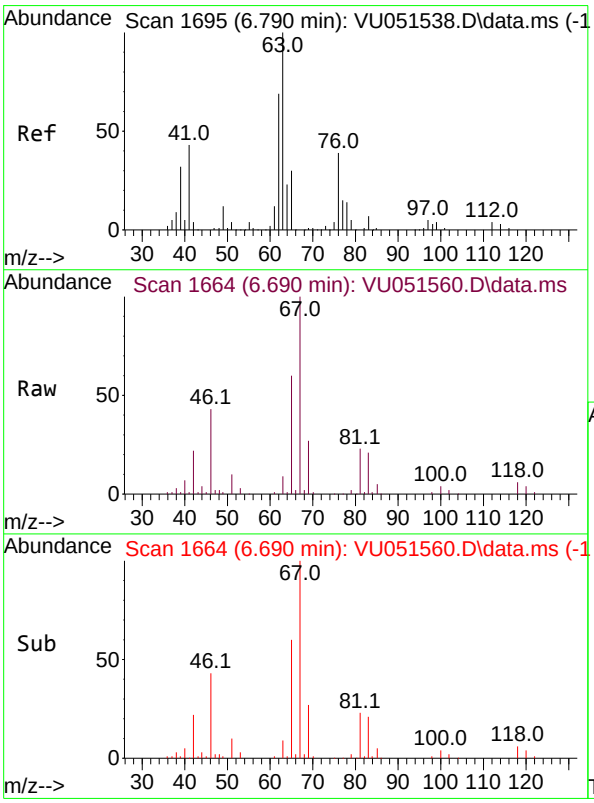
#35
Methylcyclohexane
Concen: 0.132 ug/L
RT: 6.764 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion: 83 Resp: 3565

Ion	Ratio	Lower	Upper
83	100		
55	87.1	65.8	98.6
98	39.9	35.9	53.9

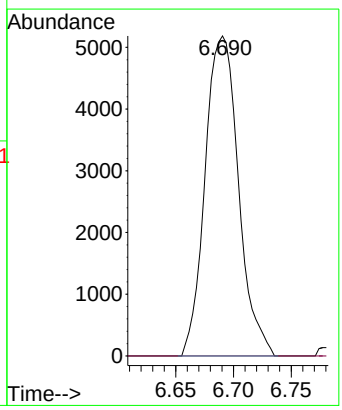


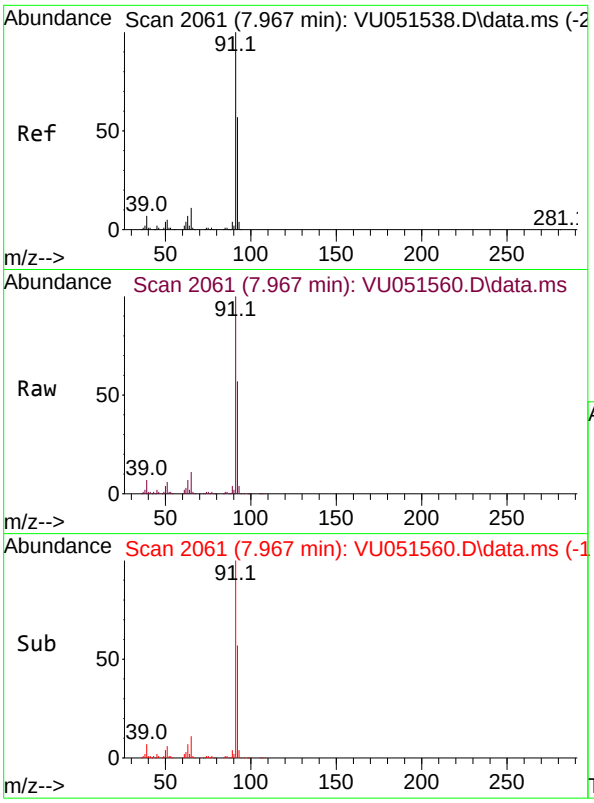


#37
1,2-Dichloropropane
Concen: 0.444 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion: 63 Resp: 10437

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.2	4.8#



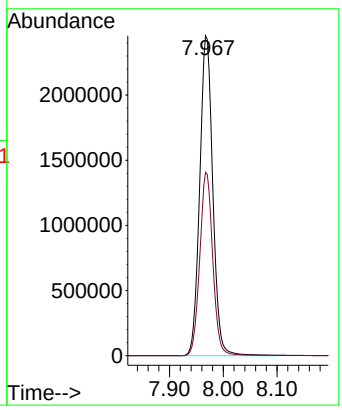


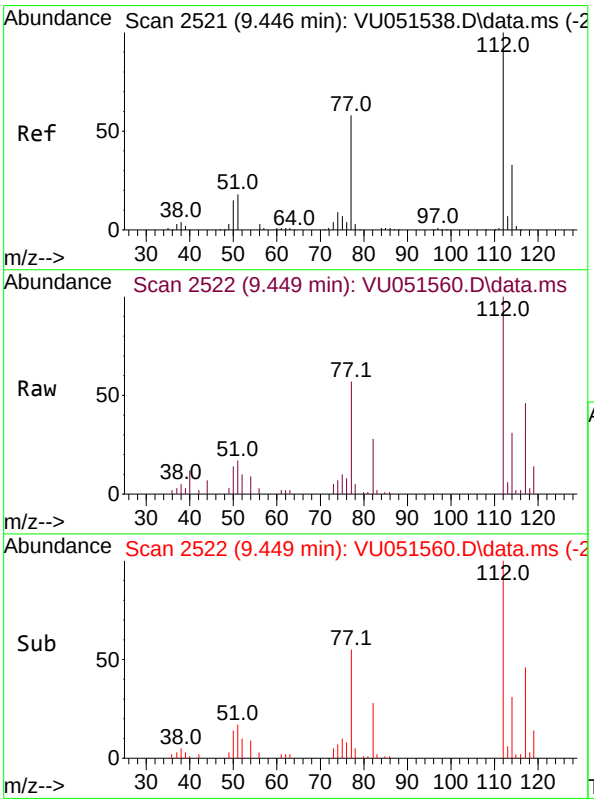
#42
Toluene
Concen: 45.474 ug/L
RT: 7.967 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion: 91 Resp: 4142362

Ion	Ratio	Lower	Upper
91	100		
92	57.3	39.9	74.1

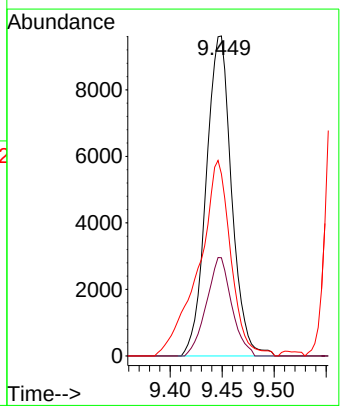


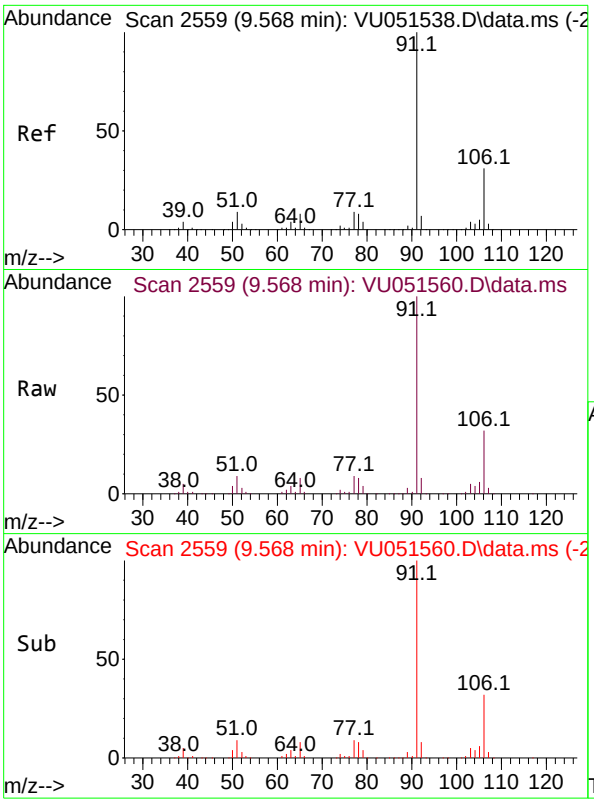


#51
Chlorobenzene
Concen: 0.300 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion:112 Resp: 16347

Ion	Ratio	Lower	Upper
112	100		
114	30.7	22.3	41.5
77	56.9	48.1	72.1



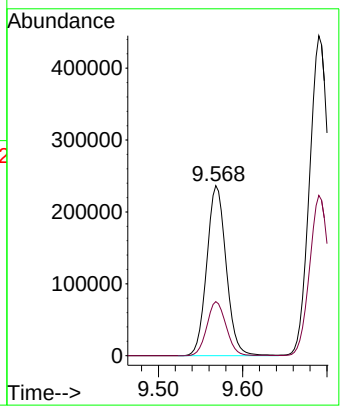


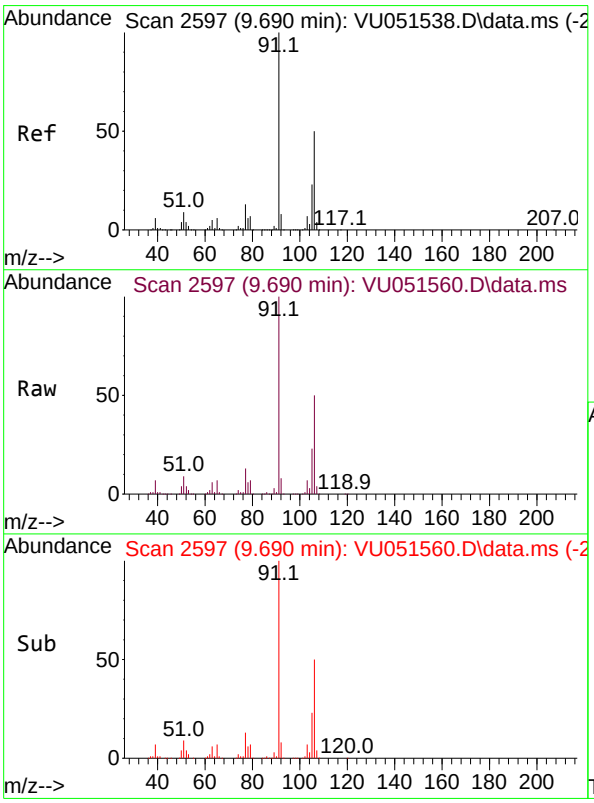
#52
Ethylbenzene
Concen: 4.623 ug/L
RT: 9.568 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion: 91 Resp: 378470

Ion	Ratio	Lower	Upper
91	100		
106	31.8	20.9	38.7

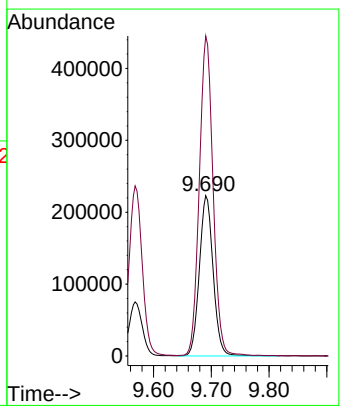


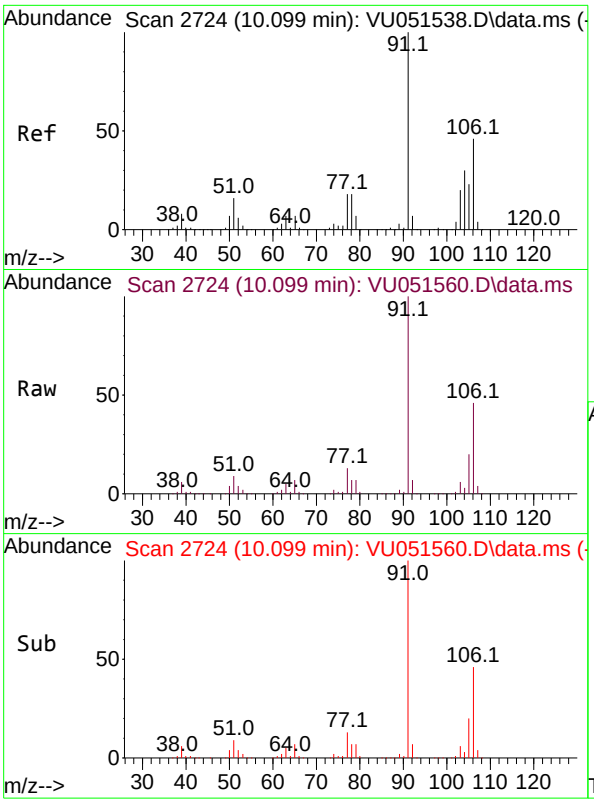


#53
m,p-Xylene
Concen: 11.580 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion:106 Resp: 367636

Ion	Ratio	Lower	Upper
106	100		
91	199.6	143.9	267.3



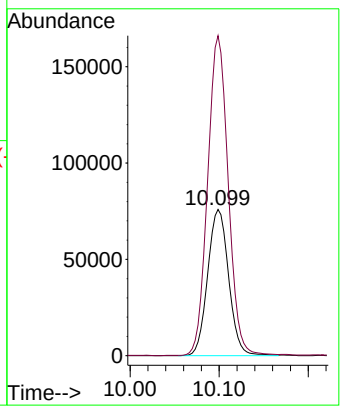


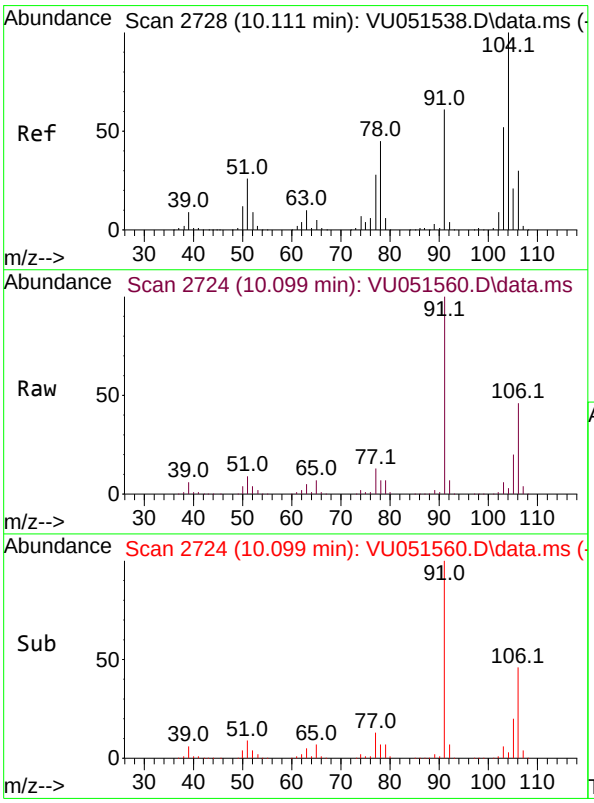
#54
o-Xylene
Concen: 4.135 ug/L
RT: 10.099 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion:106 Resp: 124218

Ion	Ratio	Lower	Upper
106	100		
91	218.9	154.4	286.8

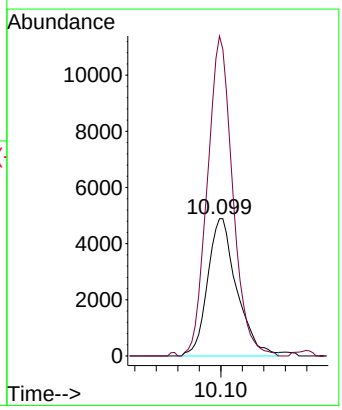


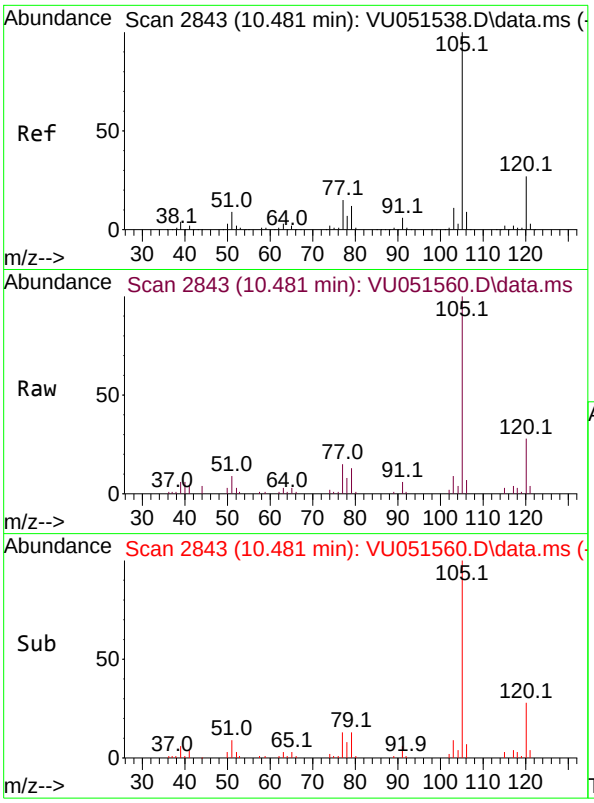


#55
Styrene
Concen: 0.178 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.013 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion:104 Resp: 9198

Ion	Ratio	Lower	Upper
104	100		
78	233.2	32.1	59.7#



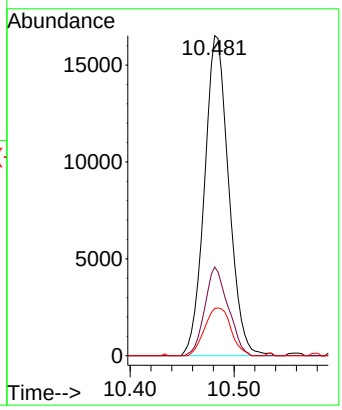


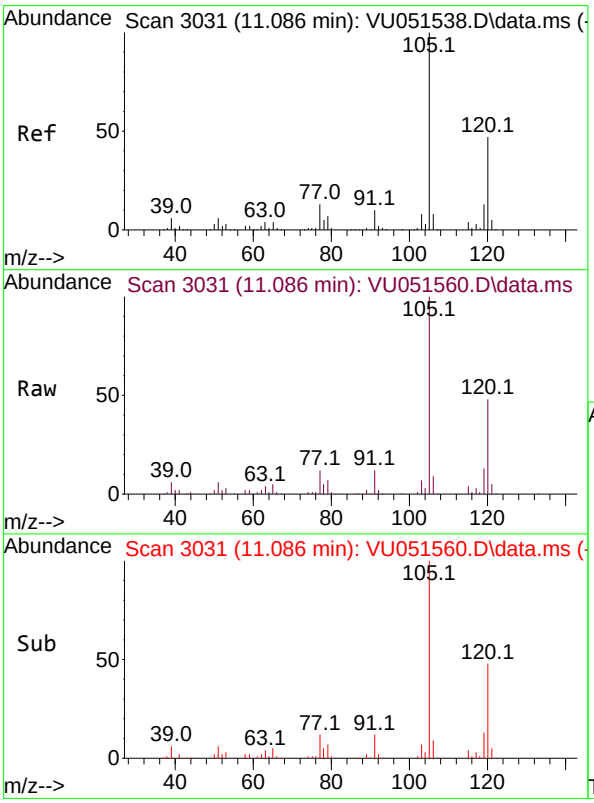
#60
Isopropylbenzene
Concen: 0.330 ug/L
RT: 10.481 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion:105 Resp: 26723

Ion	Ratio	Lower	Upper
105	100		
120	26.6	20.6	30.8
77	16.1	13.5	20.3

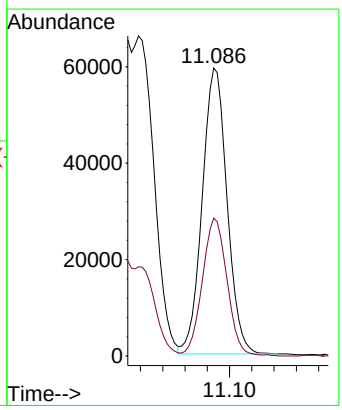


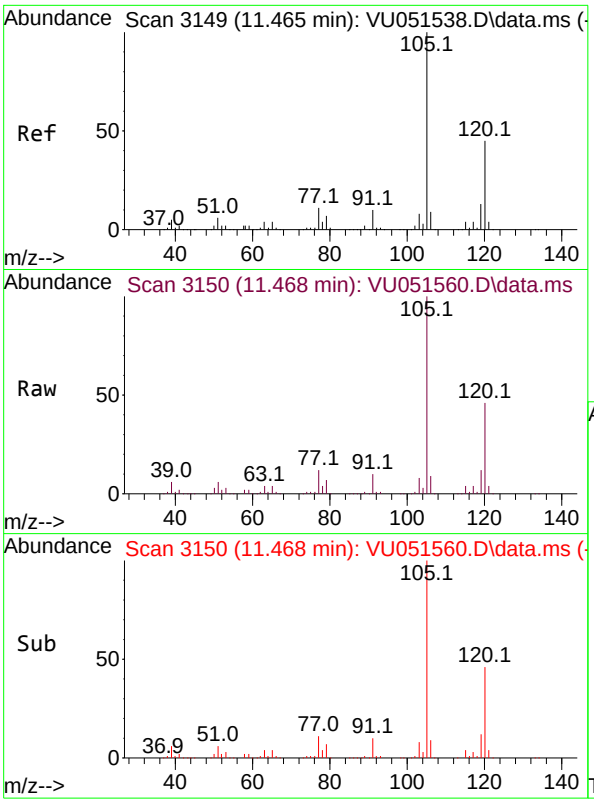


#62
1,3,5-Trimethylbenzene
Concen: 4.271 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion:105 Resp: 91862

Ion	Ratio	Lower	Upper
105	100		
120	47.9	37.7	56.5



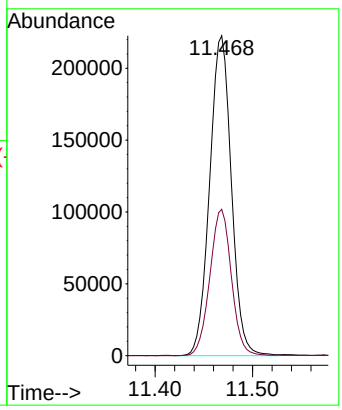


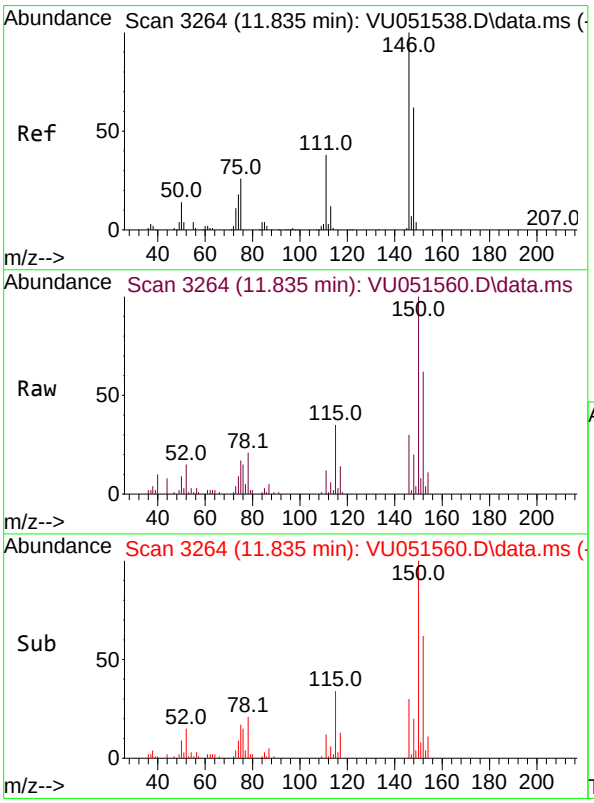
#63
1,2,4-Trimethylbenzene
Concen: 5.659 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion:105 Resp: 344254

Ion	Ratio	Lower	Upper
105	100		
120	45.6	35.6	53.4

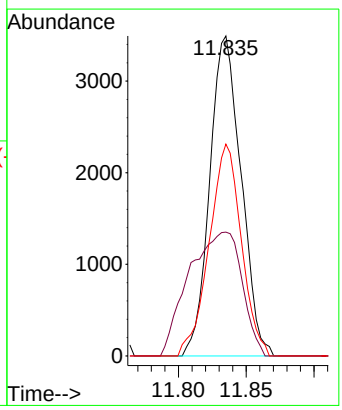


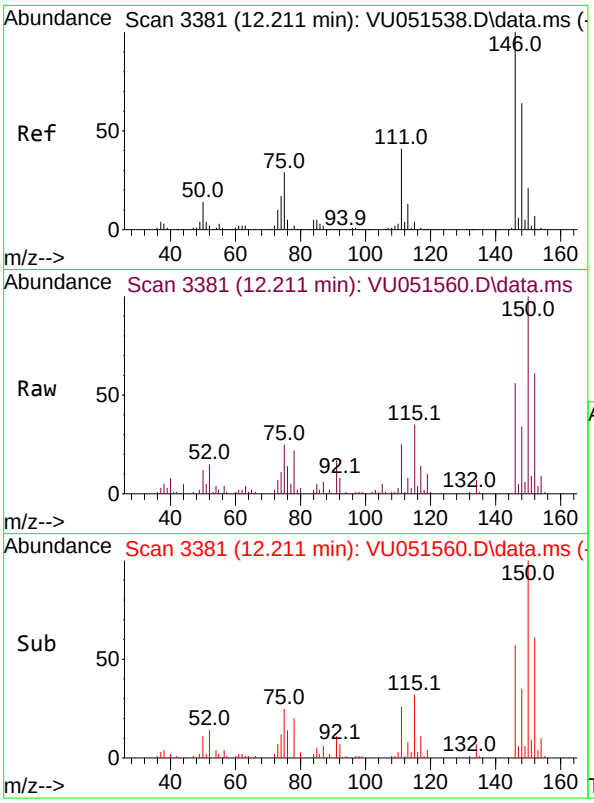


#65
1,4-Dichlorobenzene
Concen: 0.142 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion:146 Resp: 5622

Ion	Ratio	Lower	Upper
146	100		
111	38.7	29.1	54.1
148	66.2	44.2	82.0



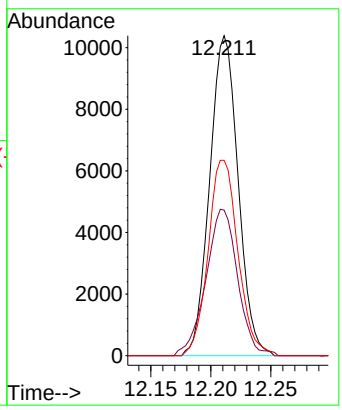


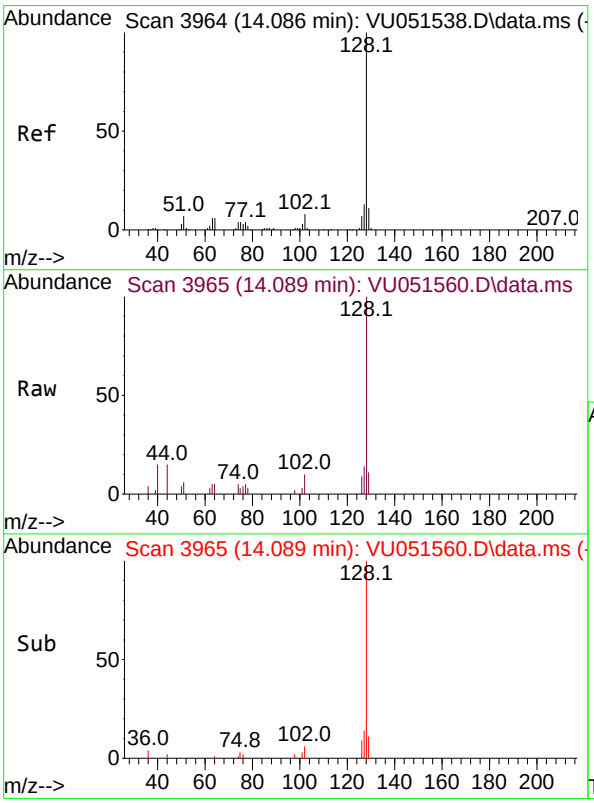
#67
1,2-Dichlorobenzene
Concen: 0.439 ug/L
RT: 12.211 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Tgt Ion:146 Resp: 17111

Ion	Ratio	Lower	Upper
146	100		
111	45.5	35.5	53.3
148	61.1	50.9	76.3





#71
Naphthalene
Concen: 0.323 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051560.D
Acq: 27 Oct 2022 23:53

Tgt Ion:128 Resp: 11793

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.5	12.7
127	13.6	11.1	16.7