Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051543.D
Acq On : 27 Oct 2022 16:42
Operator : JC/MD
Sample : N5270-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Quant Time: Oct 28 00:10:35 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	304467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	294502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	134590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87130	3.548	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.000%			
7) Chloroethane-d5	1.909	69	84830	4.020	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.400%			
11) 1,1-Dichloroethene-d2	2.565	65	32665	3.365	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.200%			
20) 2-Butanone-d5	4.617	46	251946	46.594	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.180%			
24) Chloroform-d	5.060	84	174580	3.813	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.200%			
26) 1,2-Dichloroethane-d4	5.700	65	92770	3.929	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.600%			
32) Benzene-d6	5.726	84	352728	4.354	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	6.687	67	115171	4.186	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.800%			
41) Toluene-d8	7.896	98	269850	3.723	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.400%			
43) trans-1,3-Dichloroprop...	8.179	79	34119	3.774	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.400%			
46) 2-Hexanone-d5	8.629	63	185312	60.825	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.640%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	96491	4.390	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	104048	4.448	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
8) Chloroethane	1.929	64	3730	0.171	ug/L #	60
15) Methyl Acetate	3.076	43	13714	1.391	ug/L #	50
17) Methyl tert-butyl Ether	3.359	73	20978	0.412	ug/L #	1
27) 1,2-Dichloroethane	5.771	62	11651	0.386	ug/L #	74
30) Cyclohexane	5.388	56	6208	0.207	ug/L	97
33) Benzene	5.771	78	1551403	15.779	ug/L	100
35) Methylcyclohexane	6.761	83	7285	0.235	ug/L	98
37) 1,2-Dichloropropane	6.687	63	12008	0.446	ug/L #	93
51) Chlorobenzene	9.446	112	219417	3.519	ug/L	97
52) Ethylbenzene	9.571	91	9643	0.103	ug/L	92
53) m,p-Xylene	9.694	106	15459	0.425	ug/L	97
54) o-Xylene	10.102	106	5508	0.160	ug/L	90
60) Isopropylbenzene	10.481	105	594455	6.973	ug/L	98
61) 1,2,3-Trichloropropane	10.485	75	7306	0.430	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.292	105	28117	1.243	ug/L #	75
63) 1,2,4-Trimethylbenzene	11.292	105	28117	0.440	ug/L #	79
65) 1,4-Dichlorobenzene	11.835	146	21413	0.515	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	29129	0.711	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051543.D
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Operator : JC/MD
Sample : N5270-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Quant Time: Oct 28 00:10:35 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)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051543.D
Acq On : 27 Oct 2022 16:42
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Quant Time: Oct 28 00:10:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
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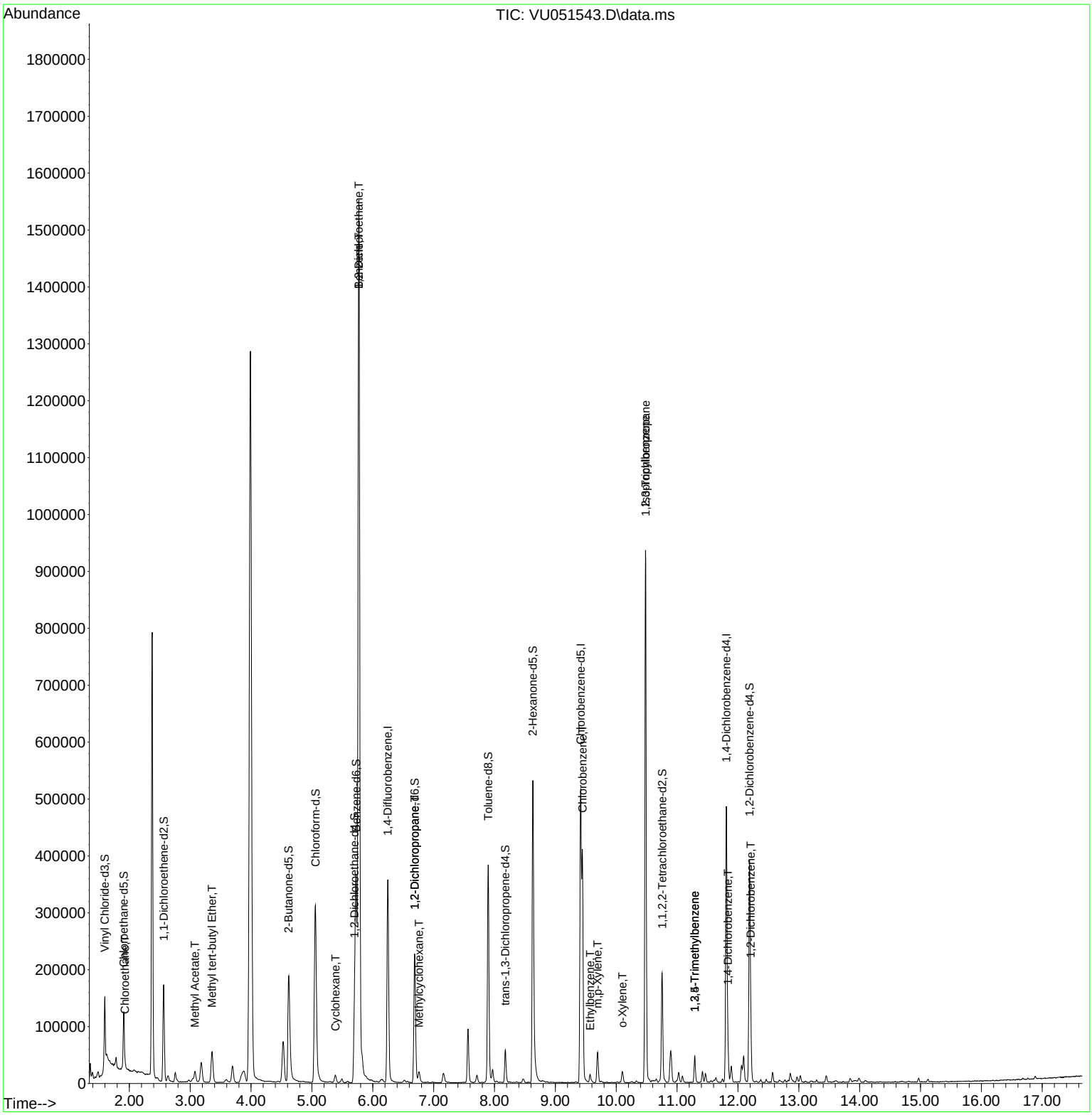
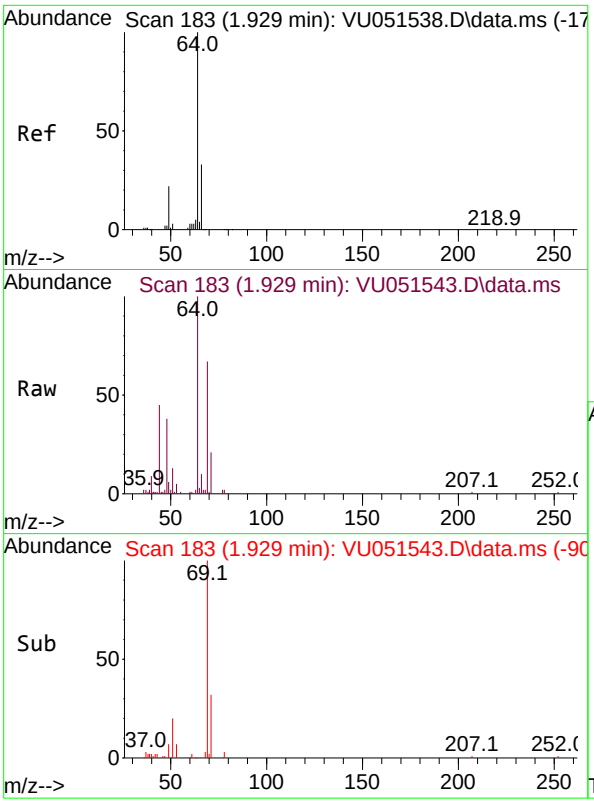


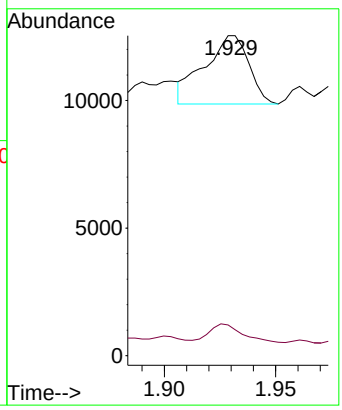


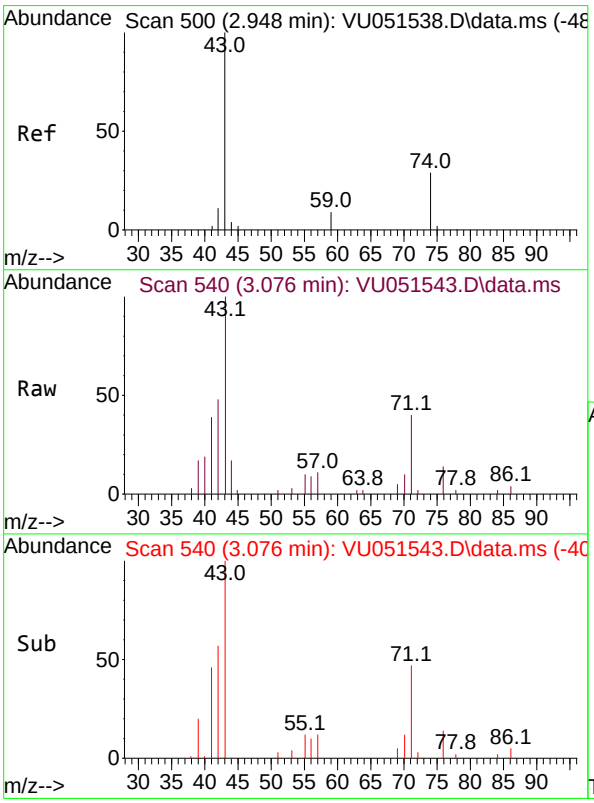
#8
Chloroethane
Concen: 0.171 ug/L
RT: 1.929 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Tgt Ion: 64 Resp: 3730

Ion	Ratio	Lower	Upper
64	100		
66	9.6	22.3	41.3#

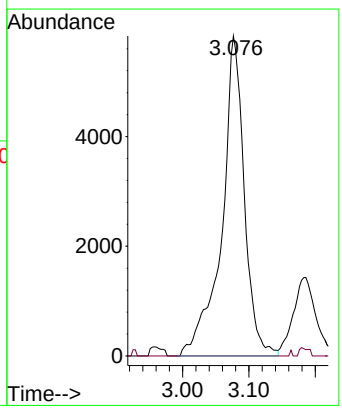


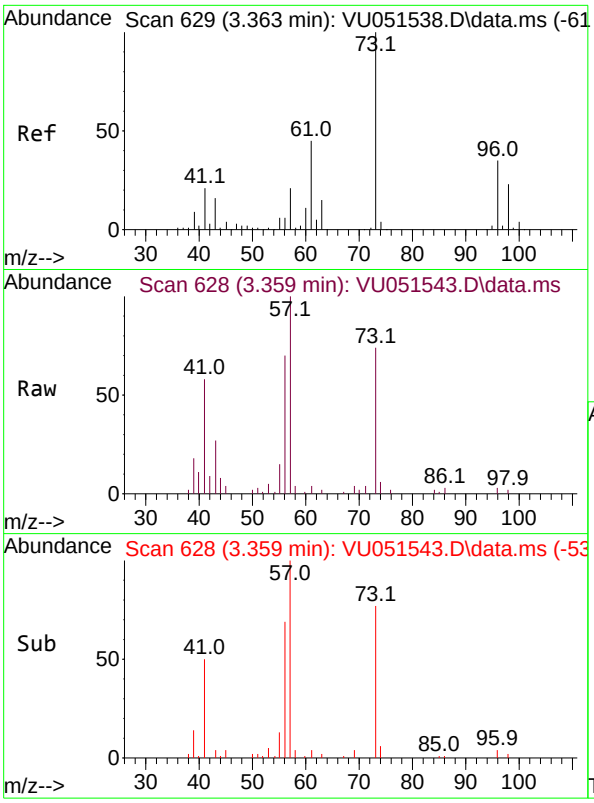


#15
Methyl Acetate
Concen: 1.391 ug/L
RT: 3.076 min Scan# 540
Delta R.T. 0.129 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion: 43 Resp: 13714

Ion	Ratio	Lower	Upper
43	100		
74	0.1	20.0	30.0#



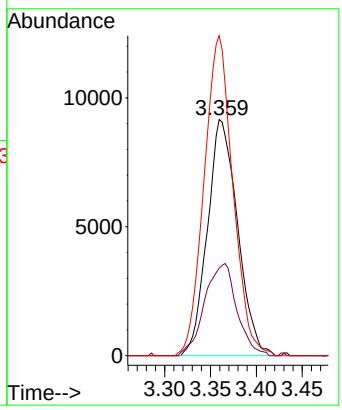


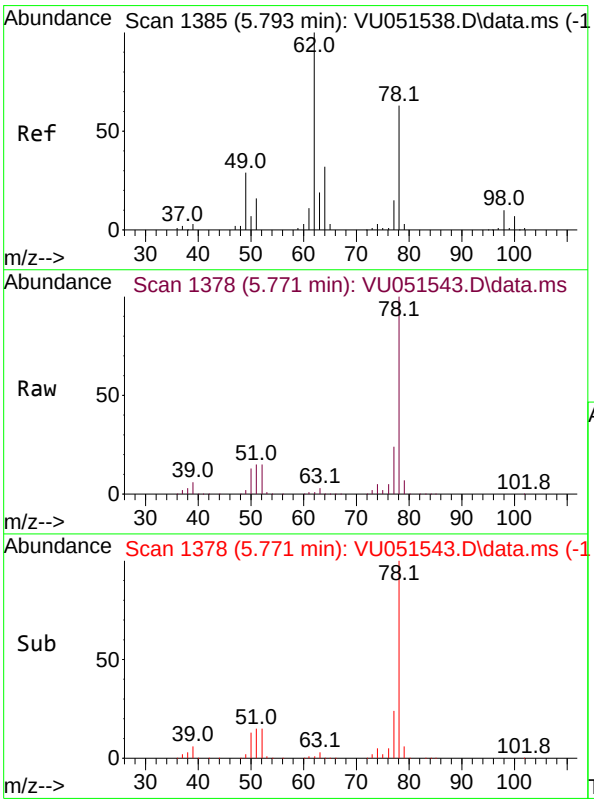
#17
Methyl tert-butyl Ether
Concen: 0.412 ug/L
RT: 3.359 min Scan# 6
Delta R.T. -0.003 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Tgt Ion: 73 Resp: 20978

Ion	Ratio	Lower	Upper
73	100		
43	41.6	15.4	23.0#
57	129.2	18.9	28.3#

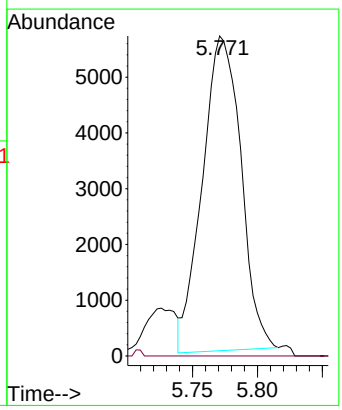


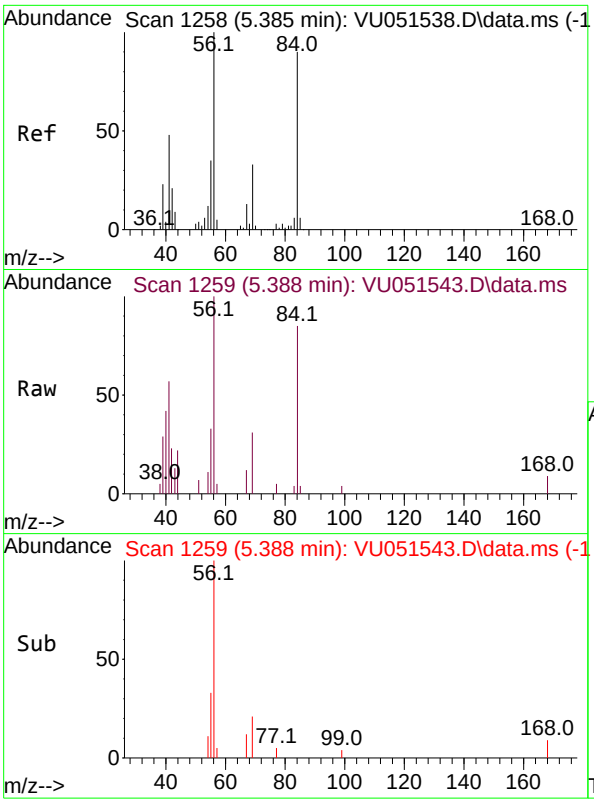


#27
1,2-Dichloroethane
Concen: 0.386 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.022 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion: 62 Resp: 11651

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.7	11.5#



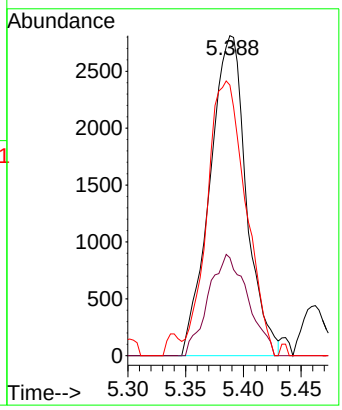


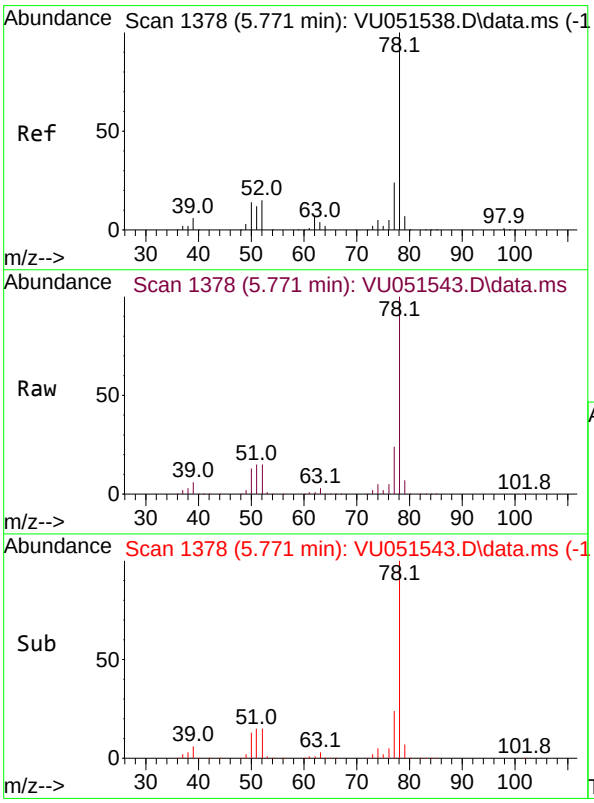
#30
Cyclohexane
Concen: 0.207 ug/L
RT: 5.388 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Tgt Ion: 56 Resp: 6208

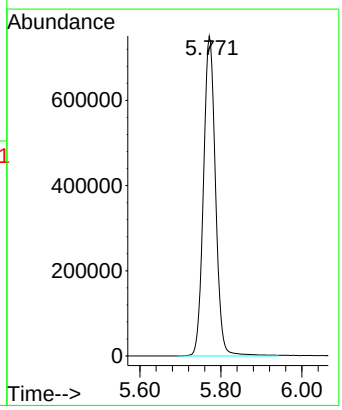
Ion	Ratio	Lower	Upper
56	100		
69	34.2	25.1	37.7
84	90.6	70.9	106.3

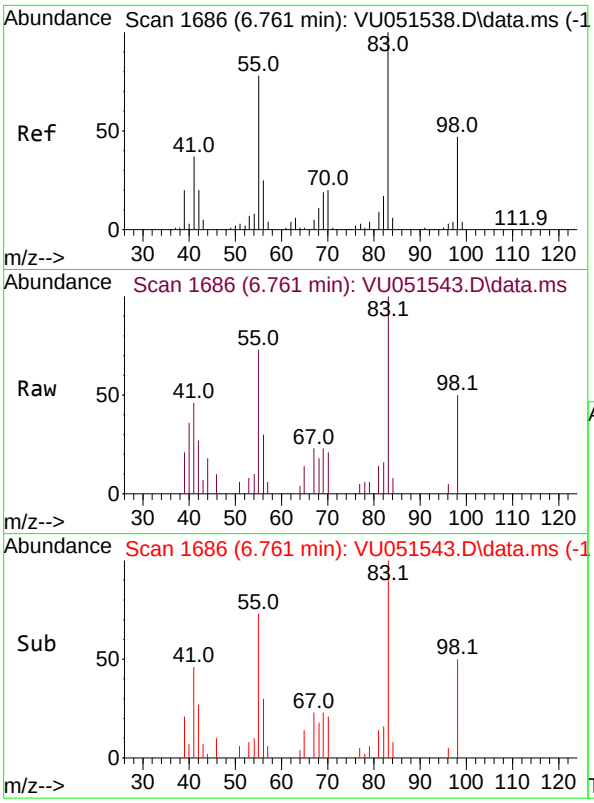




#33
Benzene
Concen: 15.779 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion: 78 Resp: 1551403



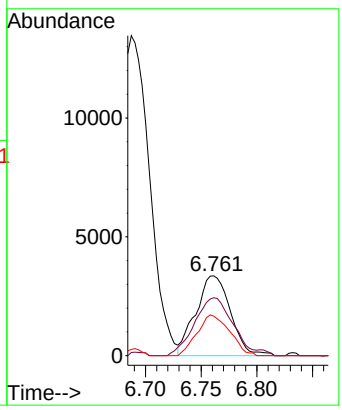


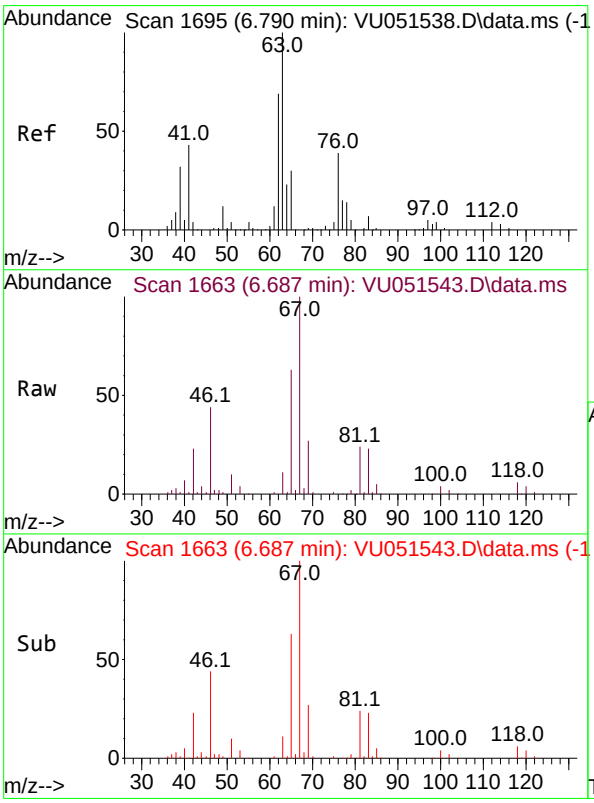
#35
Methylcyclohexane
Concen: 0.235 ug/L
RT: 6.761 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Tgt Ion: 83 Resp: 7285

Ion	Ratio	Lower	Upper
83	100		
55	81.2	65.8	98.6
98	48.0	35.9	53.9

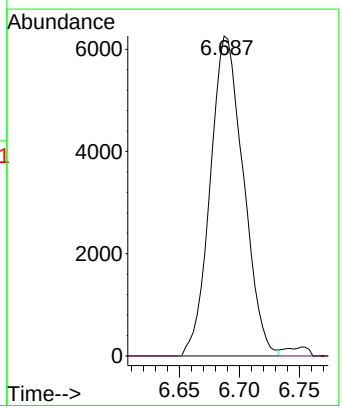


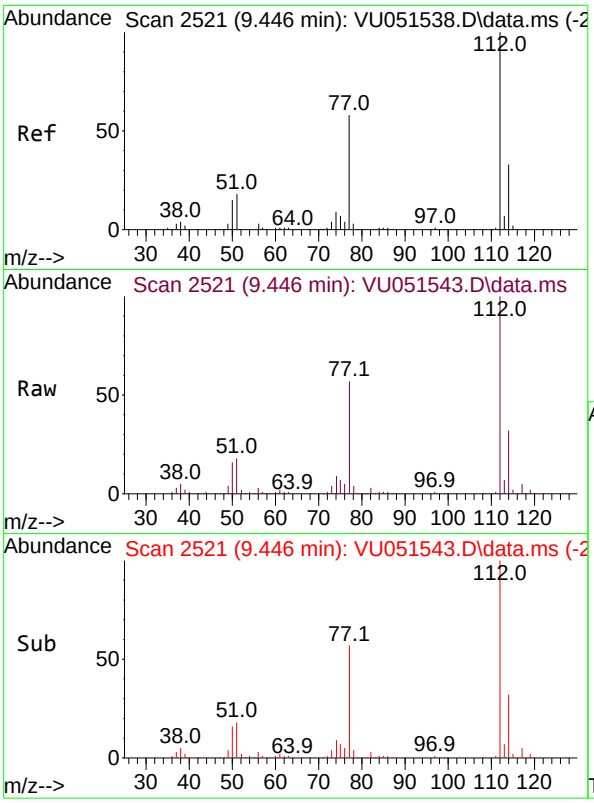


#37
1,2-Dichloropropane
Concen: 0.446 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion: 63 Resp: 12008

Ion	Ratio	Lower	Upper
63	100		
112	1.8	3.2	4.8#



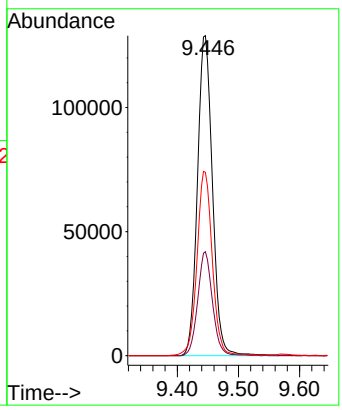


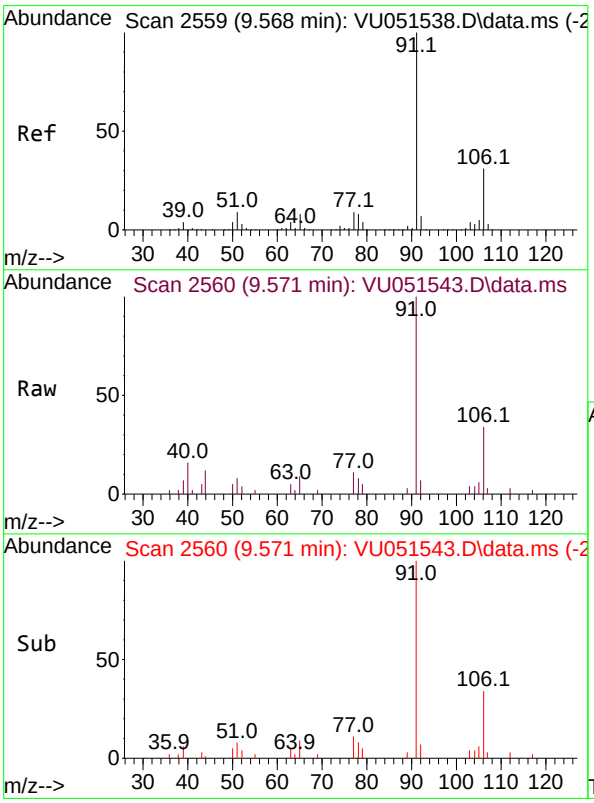
#51
Chlorobenzene
Concen: 3.519 ug/L
RT: 9.446 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Tgt Ion:112 Resp: 219417

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.3	41.5
77	57.3	48.1	72.1

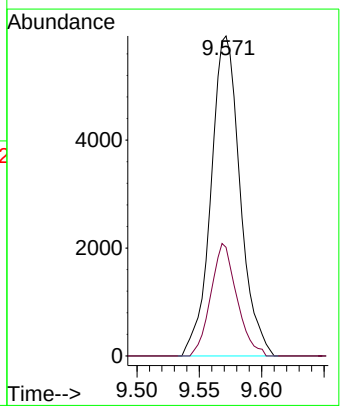


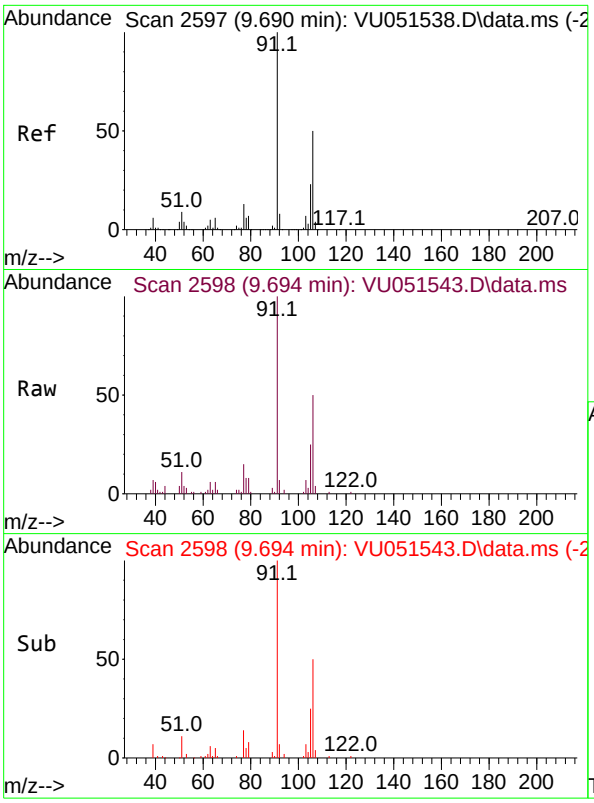


#52
Ethylbenzene
Concen: 0.103 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion: 91 Resp: 9643

Ion	Ratio	Lower	Upper
91	100		
106	33.9	20.9	38.7



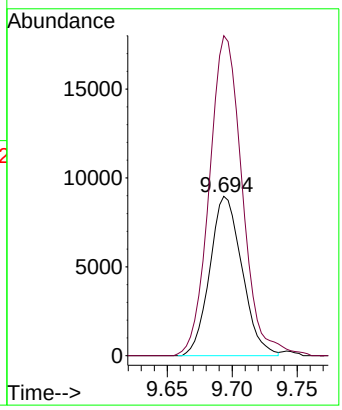


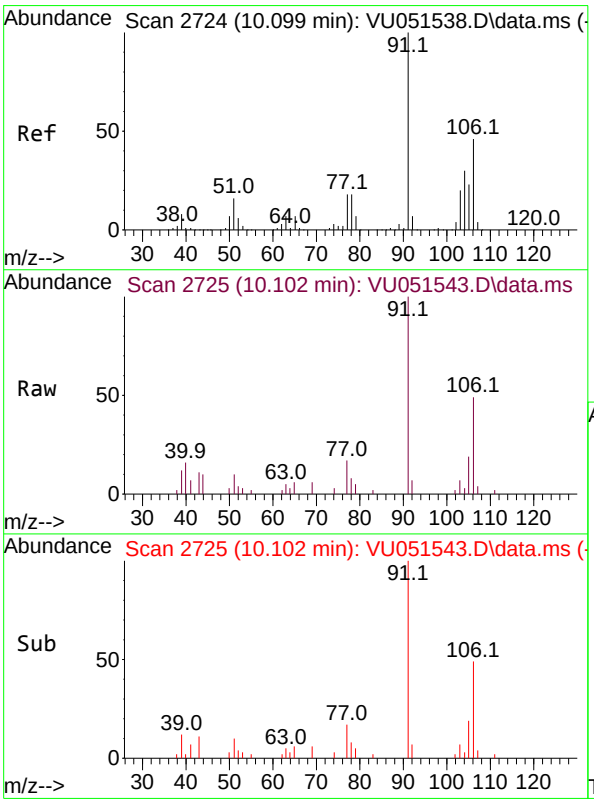
#53
m,p-Xylene
Concen: 0.425 ug/L
RT: 9.694 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Tgt Ion:106 Resp: 15459

Ion	Ratio	Lower	Upper
106	100		
91	200.8	143.9	267.3

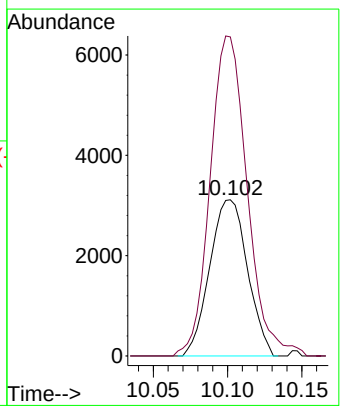


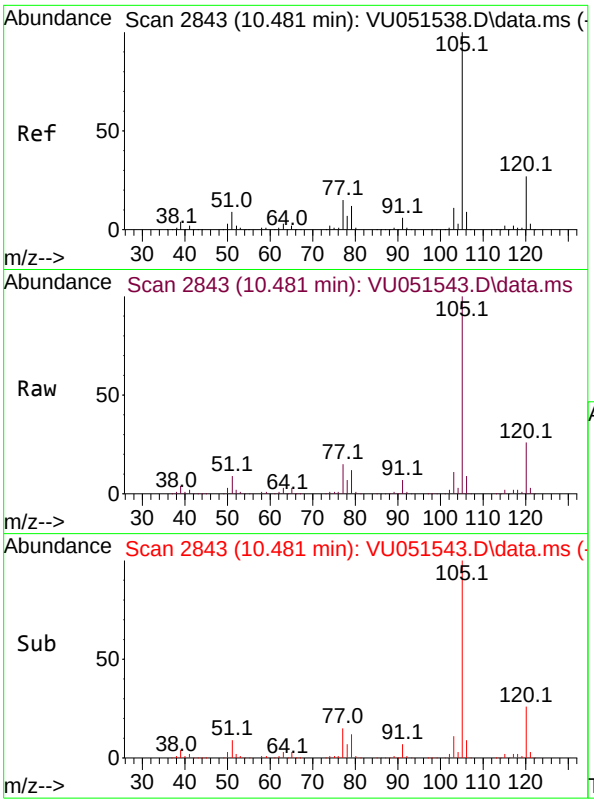


#54
o-Xylene
Concen: 0.160 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion:106 Resp: 5508

Ion	Ratio	Lower	Upper
106	100		
91	204.4	154.4	286.8



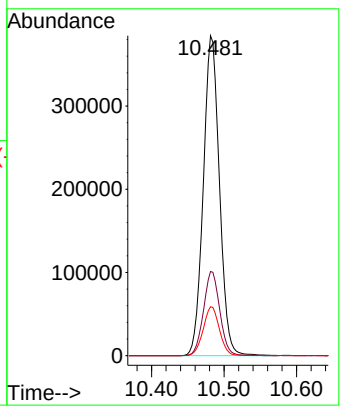


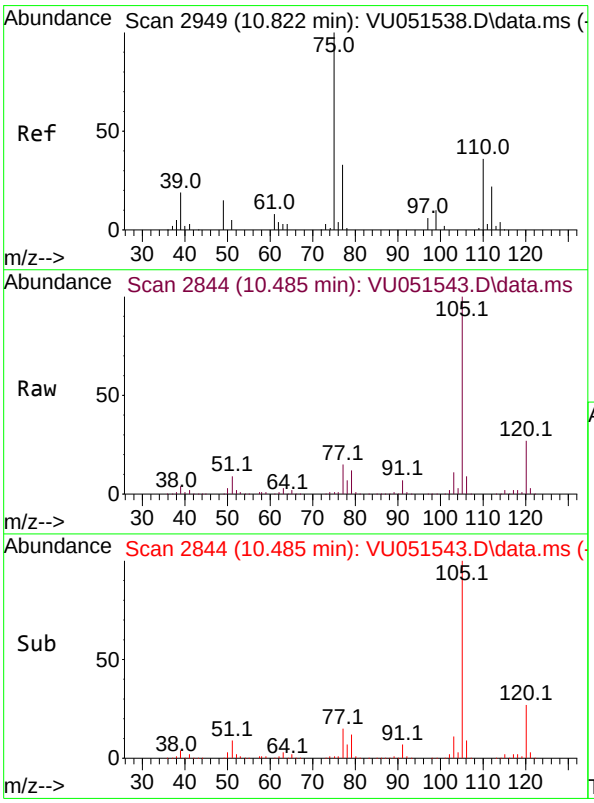
#60
Isopropylbenzene
Concen: 6.973 ug/L
RT: 10.481 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Tgt Ion:105 Resp: 594455

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.6	30.8
77	15.5	13.5	20.3

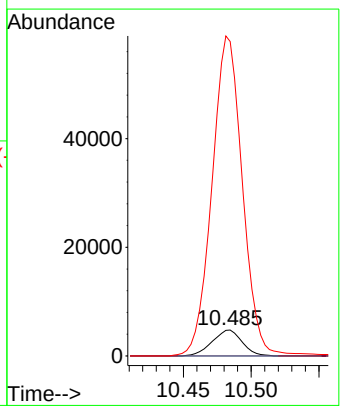


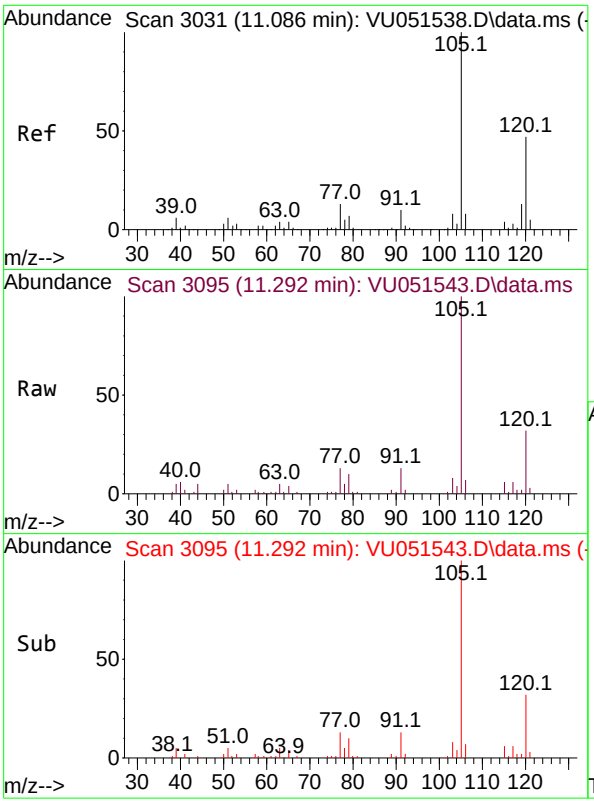


#61
1,2,3-Trichloropropane
Concen: 0.430 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.338 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion: 75 Resp: 7306

Ion	Ratio	Lower	Upper
75	100		
110	0.0	27.0	40.6#
77	1262.3	26.4	39.6#



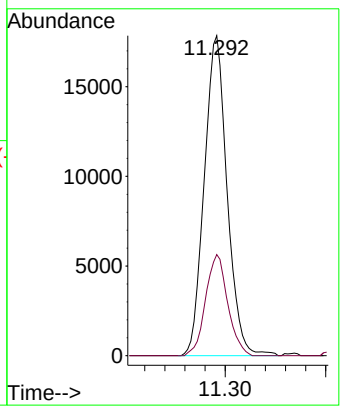


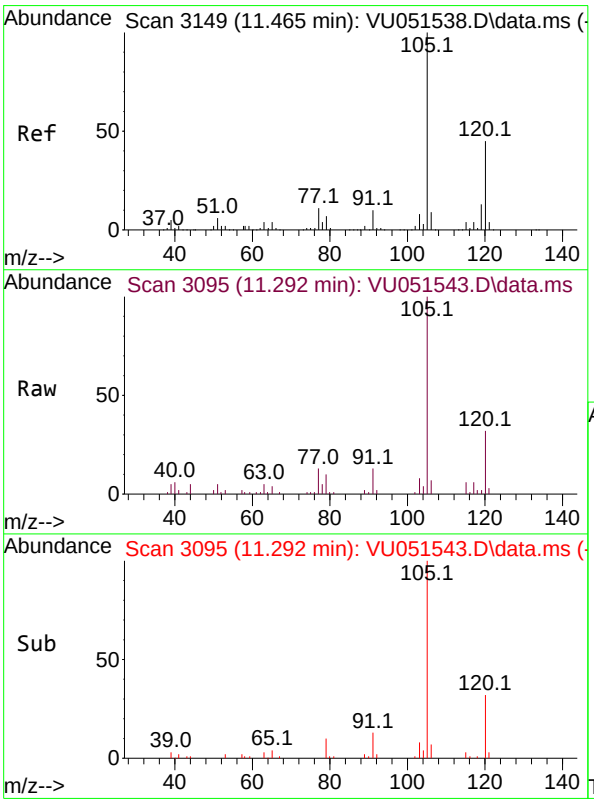
#62
1,3,5-Trimethylbenzene
Concen: 1.243 ug/L
RT: 11.292 min Scan# 3
Delta R.T. 0.206 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Tgt Ion:105 Resp: 28117

Ion	Ratio	Lower	Upper
105	100		
120	30.6	37.7	56.5#

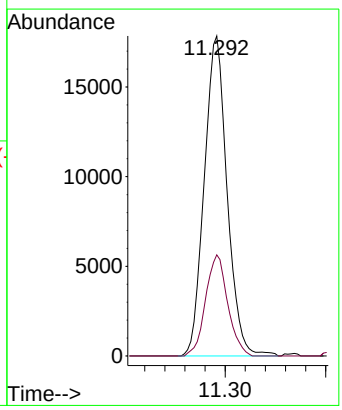


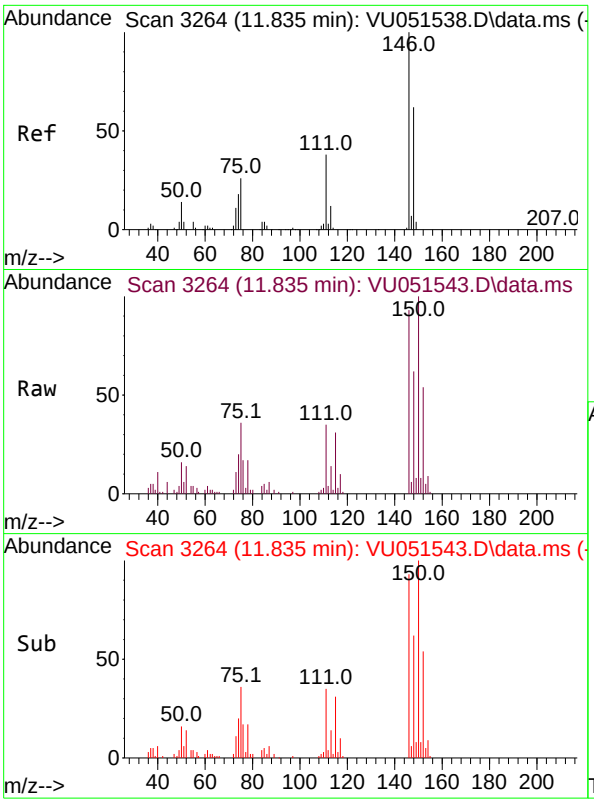


#63
1,2,4-Trimethylbenzene
Concen: 0.440 ug/L
RT: 11.292 min Scan# 3095
Delta R.T. -0.174 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion:105 Resp: 28117

Ion	Ratio	Lower	Upper
105	100		
120	30.6	35.6	53.4#



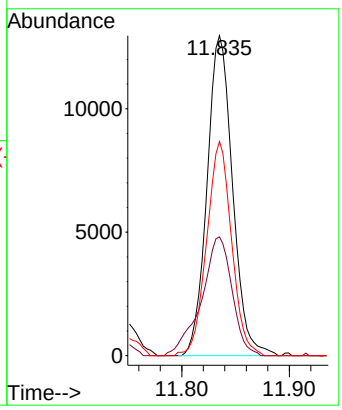


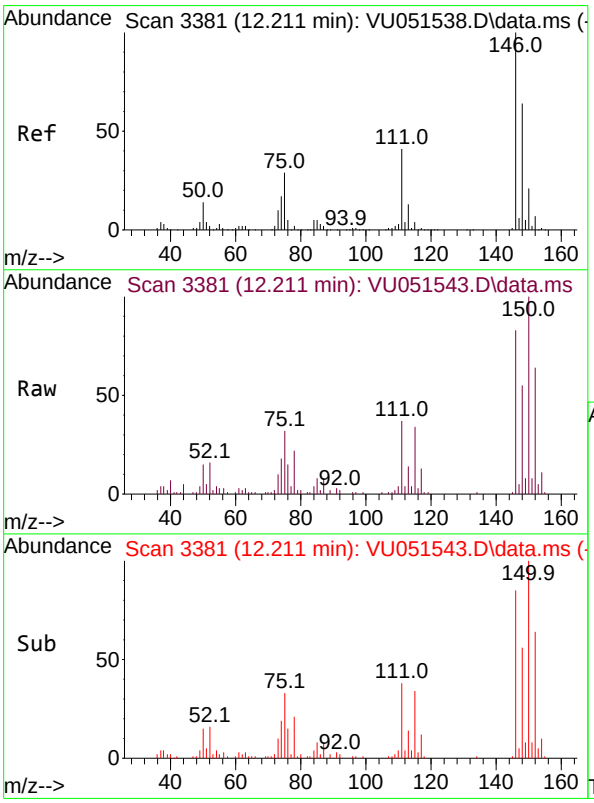
#65
1,4-Dichlorobenzene
Concen: 0.515 ug/L
RT: 11.835 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
BHA81

Tgt Ion:146 Resp: 21413

Ion	Ratio	Lower	Upper
146	100		
111	37.1	29.1	54.1
148	67.0	44.2	82.0





#67
1,2-Dichlorobenzene
Concen: 0.711 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion:146 Resp: 29129

Ion	Ratio	Lower	Upper
146	100		
111	45.0	35.5	53.3
148	66.3	50.9	76.3