Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
Data File : VU052217.D
Acq On : 07 Dec 2022 23:59
Operator : JC/MD
Sample : N5916-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Quant Time: Dec 08 04:33:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	221001	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	230547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	151182	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	83854	3.901	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.000%			
7) Chloroethane-d5	1.916	69	75314	4.511	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.568	65	32370	4.201	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.000%			
20) 2-Butanone-d5	4.629	46	217313	55.770	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.540%			
24) Chloroform-d	5.063	84	150750	4.773	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
26) 1,2-Dichloroethane-d4	5.700	65	79112	4.959	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.726	84	306127	4.473	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
36) 1,2-Dichloropropane-d6	6.690	67	101836	4.808	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.200%			
41) Toluene-d8	7.896	98	235028	3.795	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.000%			
43) trans-1,3-Dichloroprop...	8.179	79	30430	3.942	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.800%			
46) 2-Hexanone-d5	8.632	63	166308	50.840	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.680%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93857	5.111	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.200%			
66) 1,2-Dichlorobenzene-d4	12.211	152	142359	4.918	ug/L	0.02
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.400%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	6677	0.267	ug/L	99
5) Vinyl chloride	1.604	62	79896	3.324	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1029	0.064	ug/L #	20
16) Methylene chloride	3.044	84	7063	0.326	ug/L	95
18) trans-1,2-Dichloroethene	3.356	96	71898	4.184	ug/L	93
19) 1,1-Dichloroethane	3.874	63	11262	0.364	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	736126	40.814	ug/L	99
27) 1,2-Dichloroethane	5.796	62	29396	1.529	ug/L	97
33) Benzene	5.774	78	371860	4.956	ug/L	100
42) Toluene	7.970	91	39057	0.506	ug/L	96
49) Dibromochloromethane	8.549	129	3139	0.192	ug/L #	12
51) Chlorobenzene	9.446	112	7109212	144.477	ug/L	99
52) Ethylbenzene	9.568	91	11491	0.153	ug/L	100
53) m,p-Xylene	9.693	106	3443	0.119	ug/L	97
54) o-Xylene	10.098	106	8243	0.296	ug/L	80
60) Isopropylbenzene	10.996	105	108209	1.140	ug/L #	80
61) 1,2,3-Trichloropropane	11.745	75	241799	13.974	ug/L #	41
62) 1,3,5-Trimethylbenzene	11.089	105	89165	1.175	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	726542	9.642	ug/L	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
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Operator : JC/MD
Sample : N5916-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Quant Time: Dec 08 04:33:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,3-Dichlorobenzene	11.745	146	836003	17.241	ug/L	99
65) 1,4-Dichlorobenzene	11.745	146	836003	17.288	ug/L	99
69) 1,3,5-Trichlorobenzene	13.838	180	88310	2.568	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	88310	3.373	ug/L	99
71) Naphthalene	14.085	128	57066	1.161	ug/L	96
72) 1,2,3-Trichlorobenzene	14.327	180	23060	0.895	ug/L	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
Data File : VU052217.D
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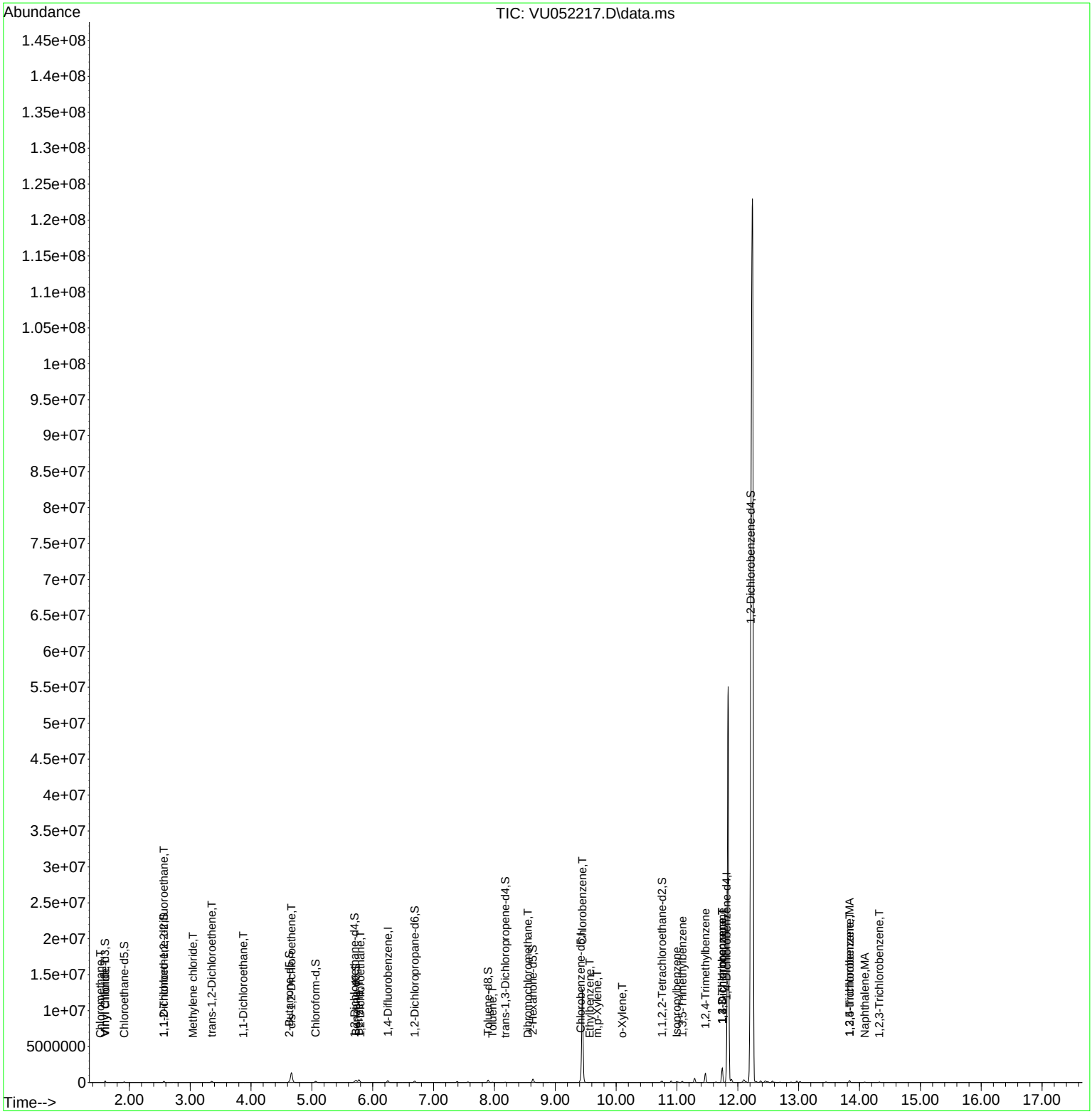
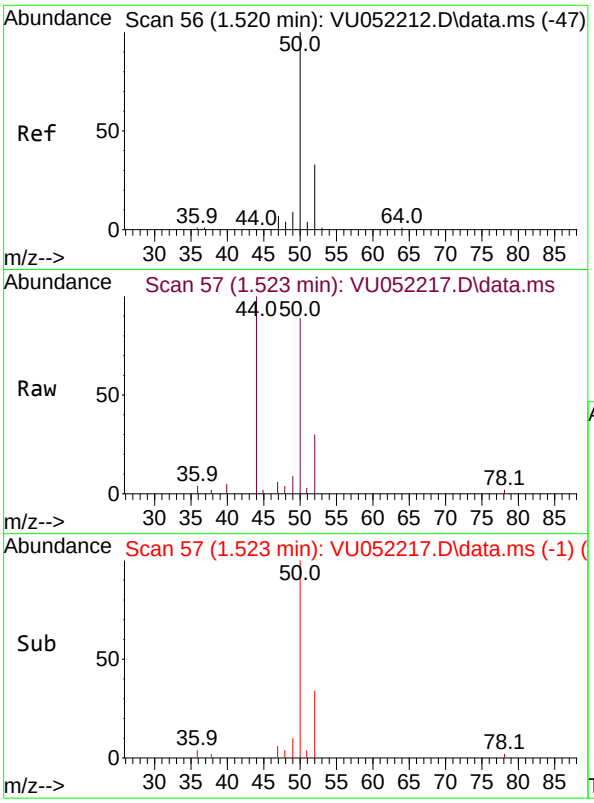
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration



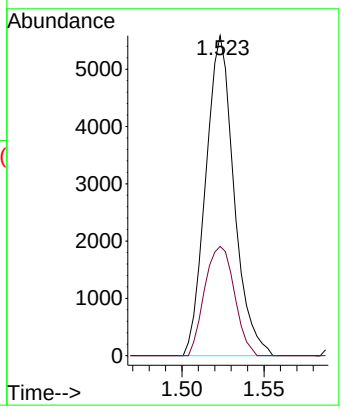


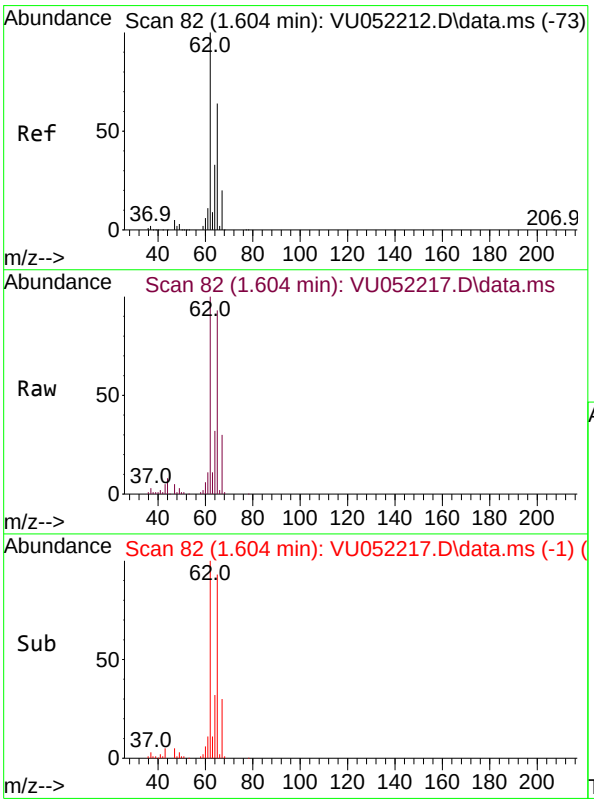
#3
Chloromethane
Concen: 0.267 ug/L
RT: 1.523 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion: 50 Resp: 6677

Ion	Ratio	Lower	Upper
50	100		
52	34.1	23.4	43.4

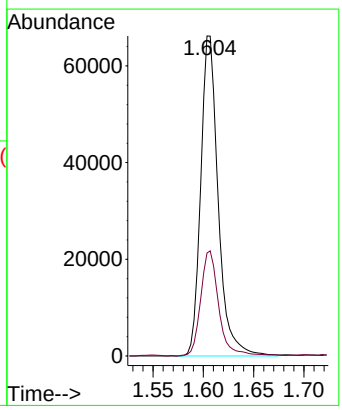


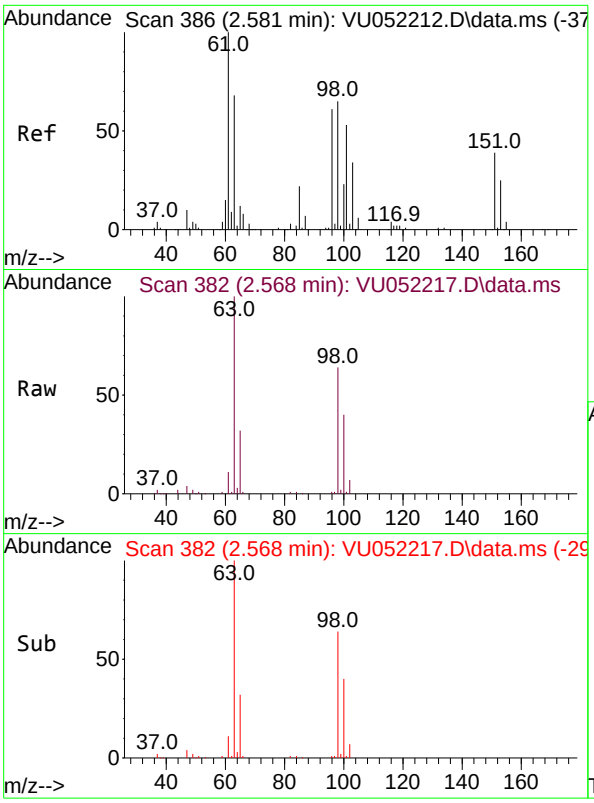


#5
Vinyl chloride
Concen: 3.324 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion: 62 Resp: 79896

Ion	Ratio	Lower	Upper
62	100		
64	32.1	23.5	43.7



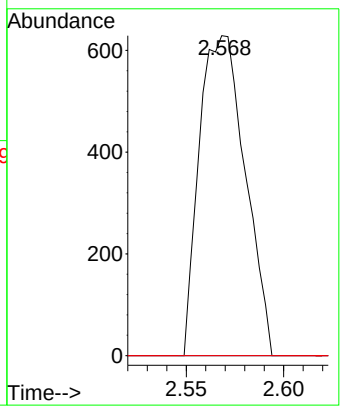


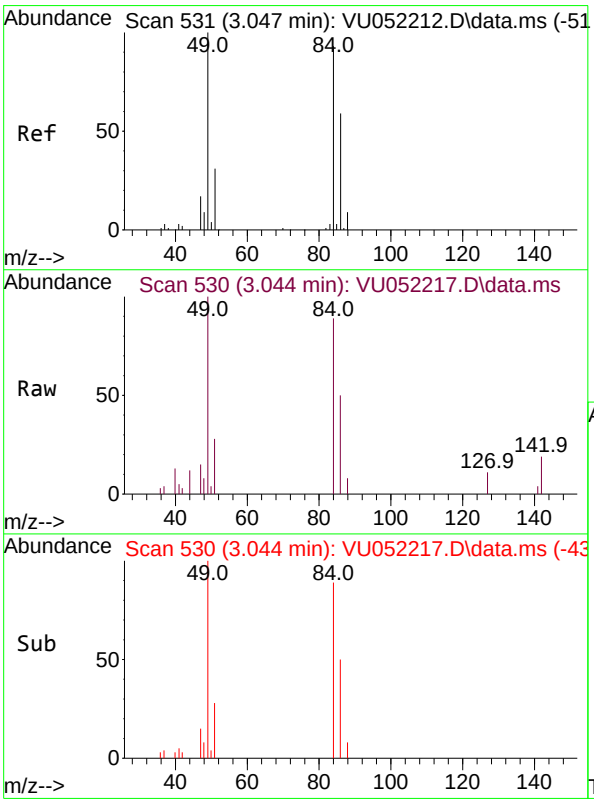
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion:101 Resp: 1029

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	58.6	88.0#

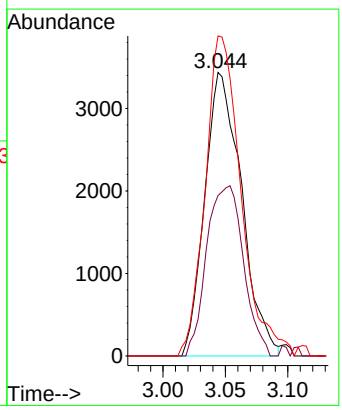


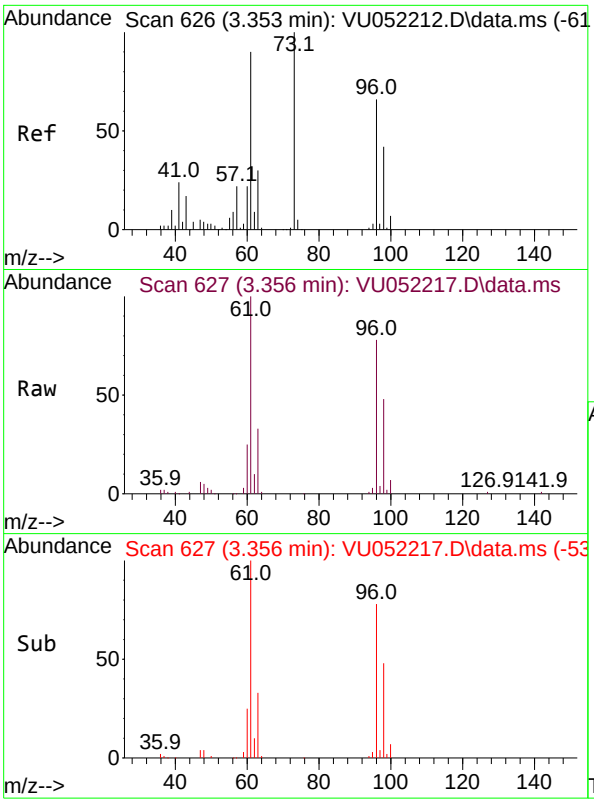


#16
Methylene chloride
Concen: 0.326 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion: 84 Resp: 7063

Ion	Ratio	Lower	Upper
84	100		
86	56.6	43.8	81.4
49	112.9	75.9	141.1



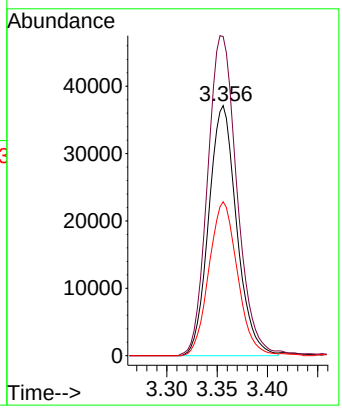


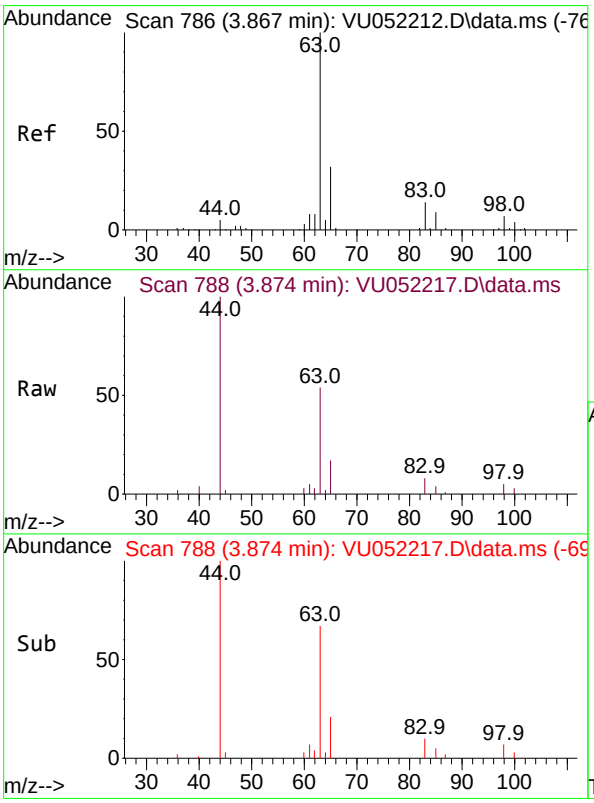
#18
trans-1,2-Dichloroethene
Concen: 4.184 ug/L
RT: 3.356 min Scan# 6
Delta R.T. 0.003 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion: 96 Resp: 71898

Ion	Ratio	Lower	Upper
96	100		
61	127.6	97.9	181.7
98	61.5	43.8	81.3

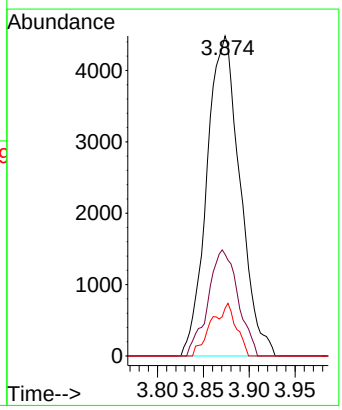


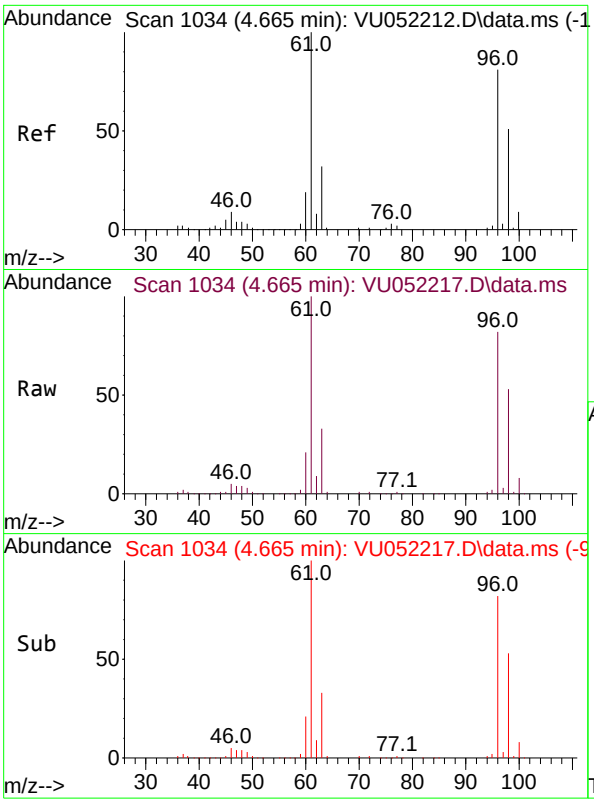


#19
1,1-Dichloroethane
Concen: 0.364 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.006 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion: 63 Resp: 11262

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.2	41.2
83	14.9	9.2	17.0



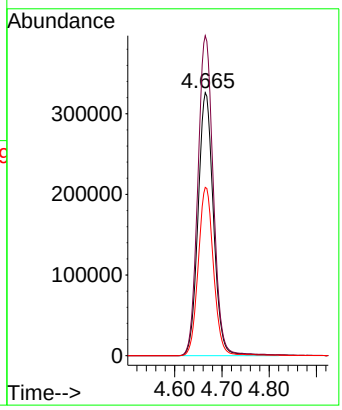


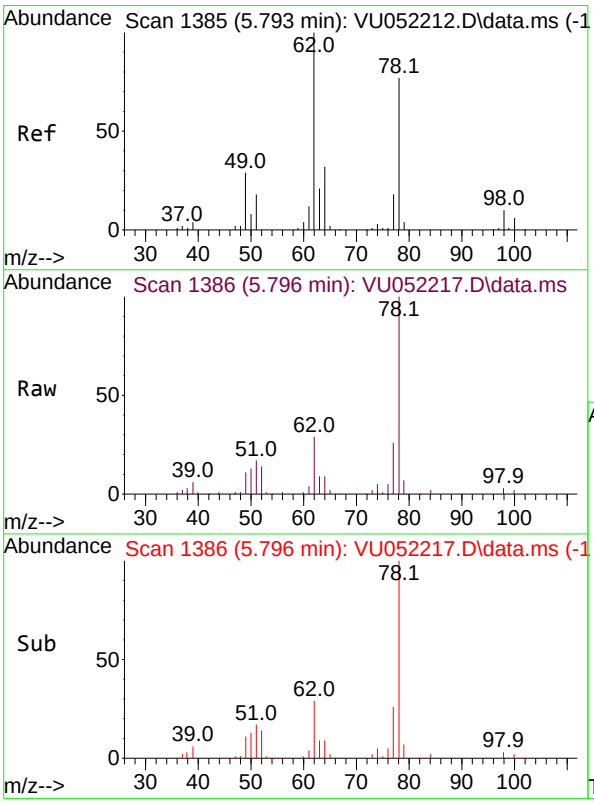
#22
cis-1,2-Dichloroethene
Concen: 40.814 ug/L
RT: 4.665 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion: 96 Resp: 736126

Ion	Ratio	Lower	Upper
96	100		
61	121.6	85.1	158.1
98	64.0	42.8	79.6

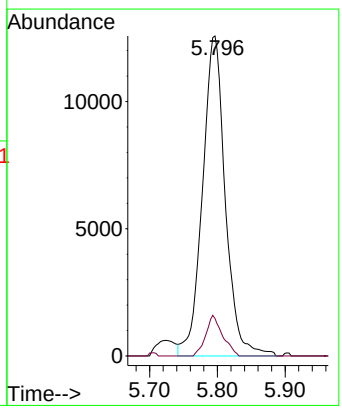


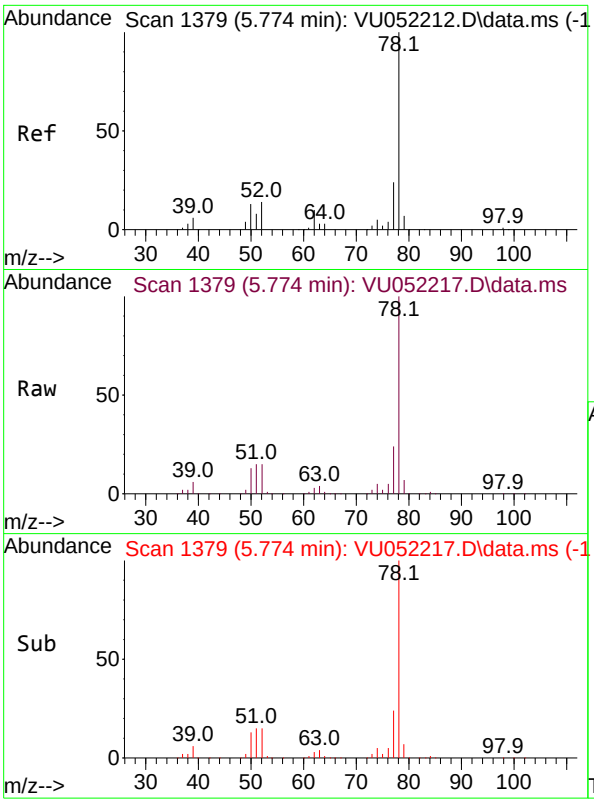


#27
1,2-Dichloroethane
Concen: 1.529 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion: 62 Resp: 29396

Ion	Ratio	Lower	Upper
62	100		
98	11.7	8.4	12.6

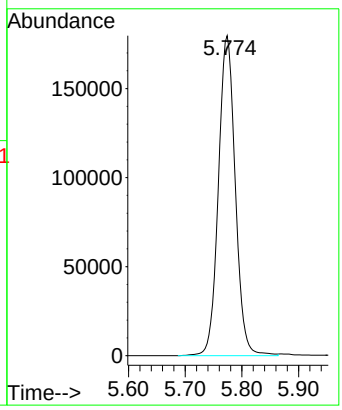


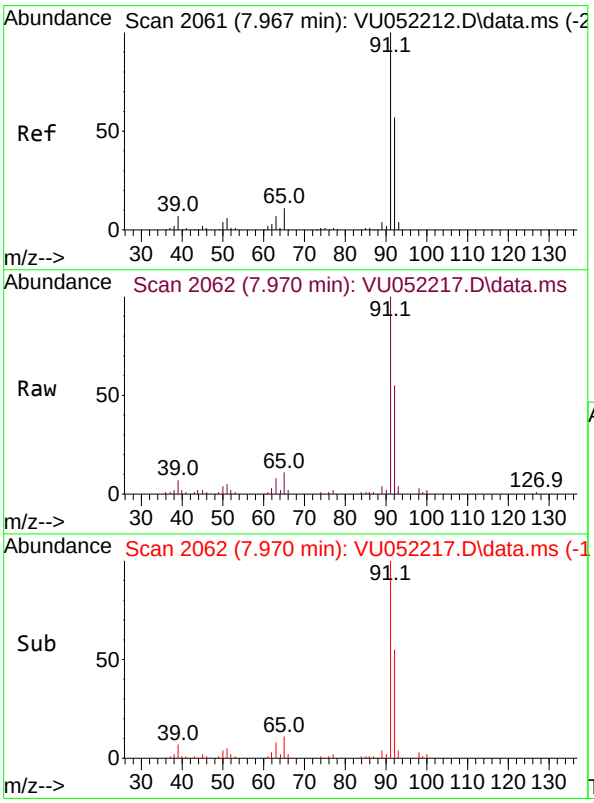


#33
Benzene
Concen: 4.956 ug/L
RT: 5.774 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion: 78 Resp: 371860

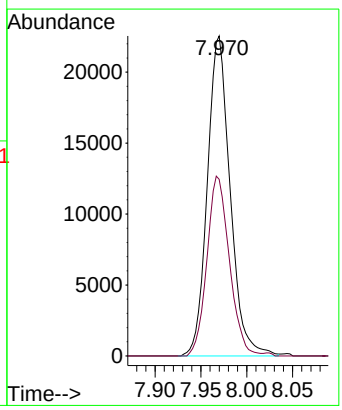


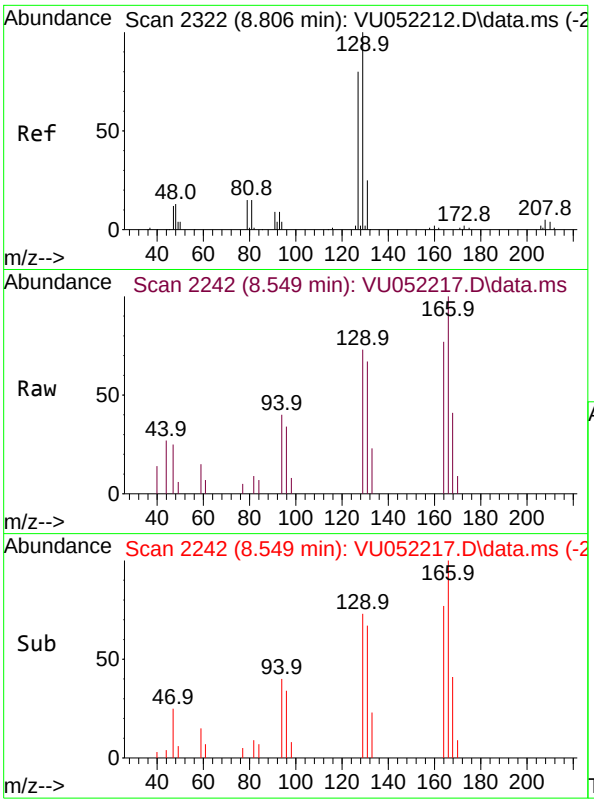


#42
Toluene
Concen: 0.506 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion: 91 Resp: 39057

Ion	Ratio	Lower	Upper
91	100		
92	55.2	40.7	75.5



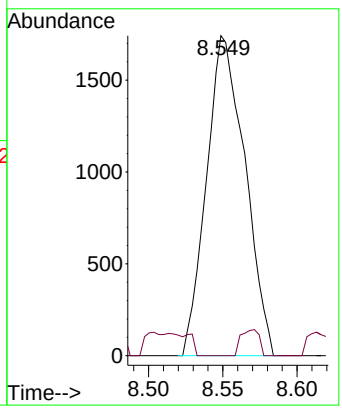


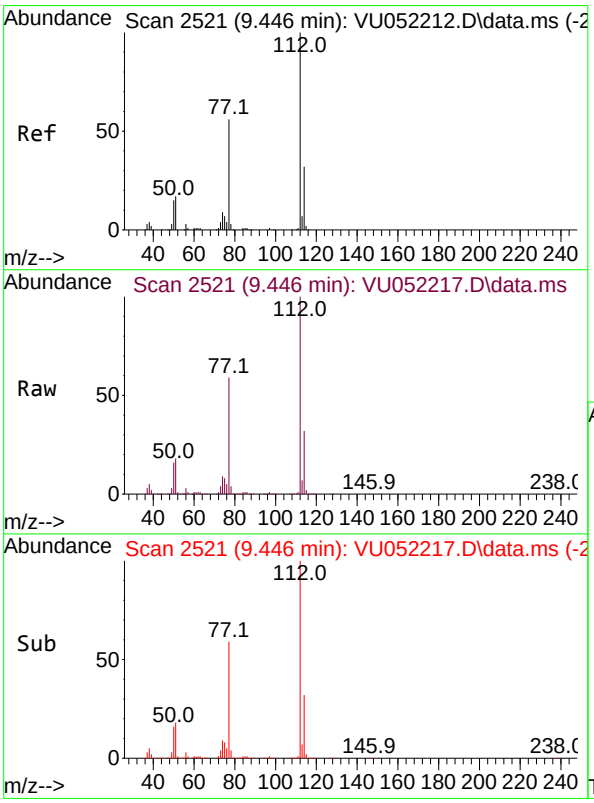
#49
Dibromochloromethane
Concen: 0.192 ug/L
RT: 8.549 min Scan# 2
Delta R.T. -0.257 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion:129 Resp: 3139

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.2#

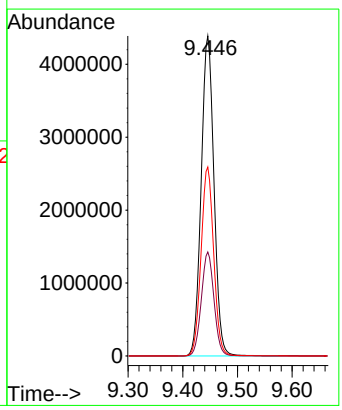


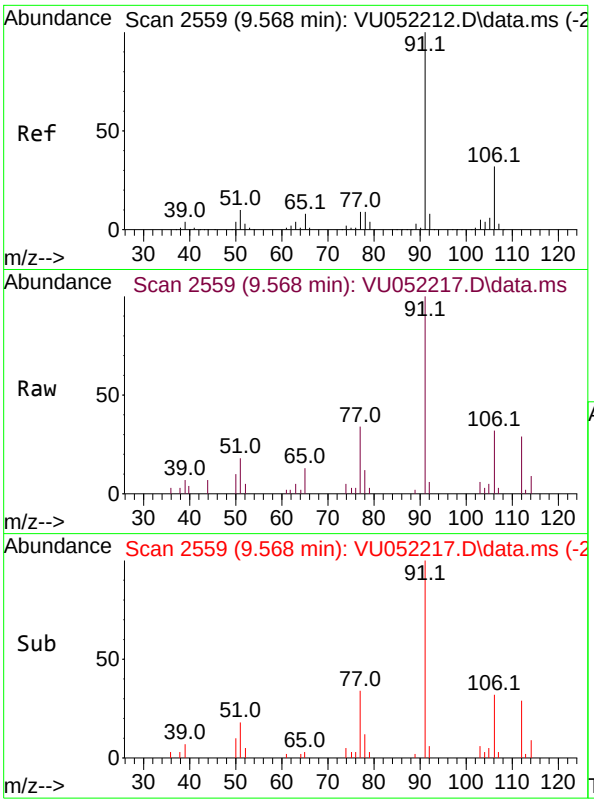


#51
Chlorobenzene
Concen: 144.477 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion:112 Resp: 7109212

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.2	41.2
77	59.0	46.6	70.0



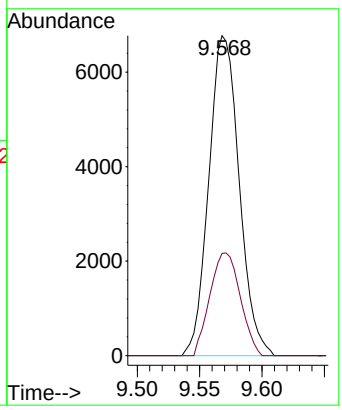


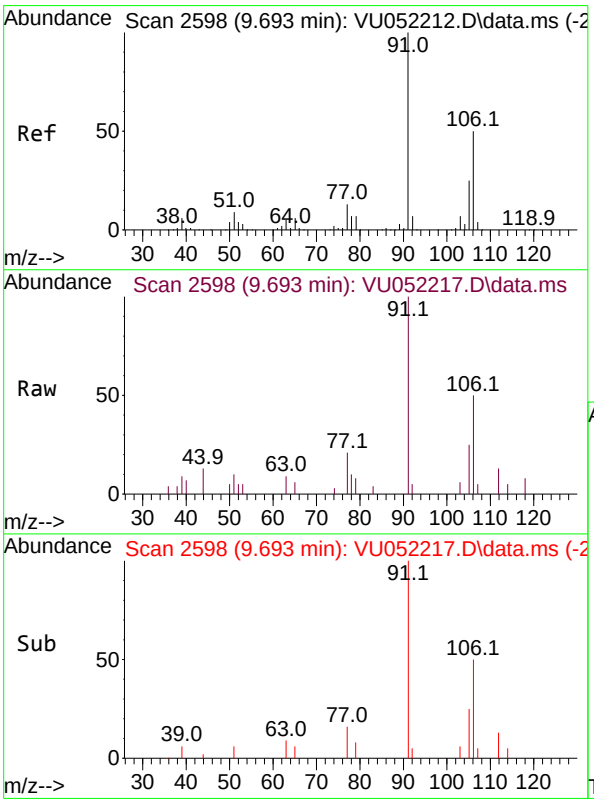
#52
Ethylbenzene
Concen: 0.153 ug/L
RT: 9.568 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion: 91 Resp: 11491

Ion	Ratio	Lower	Upper
91	100		
106	32.0	22.3	41.3

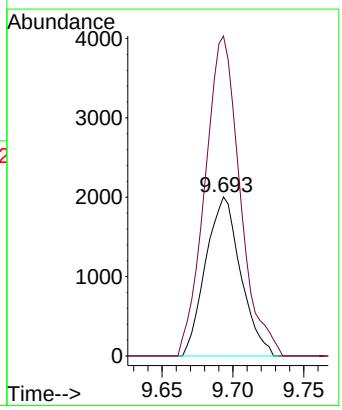


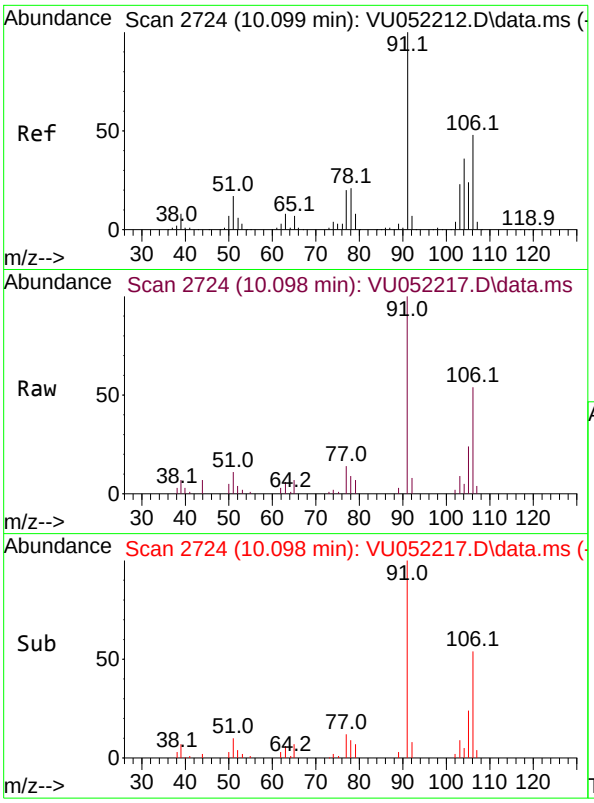


#53
m,p-Xylene
Concen: 0.119 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion:106 Resp: 3443

Ion	Ratio	Lower	Upper
106	100		
91	201.2	137.7	255.7



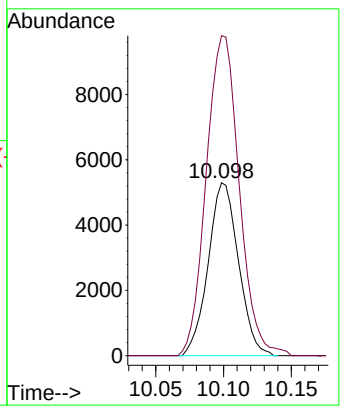


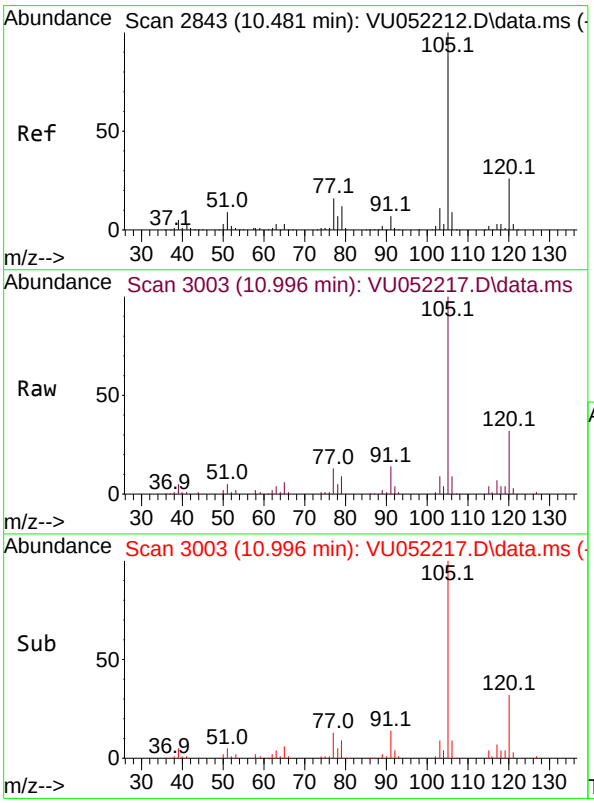
#54
o-Xylene
Concen: 0.296 ug/L
RT: 10.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion:106 Resp: 8243

Ion	Ratio	Lower	Upper
106	100		
91	184.9	151.5	281.5

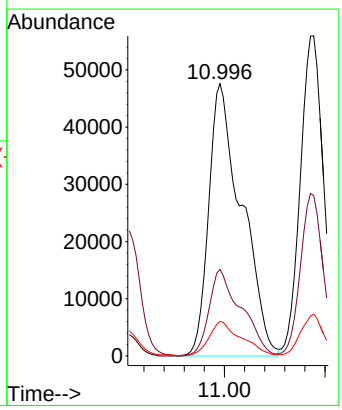


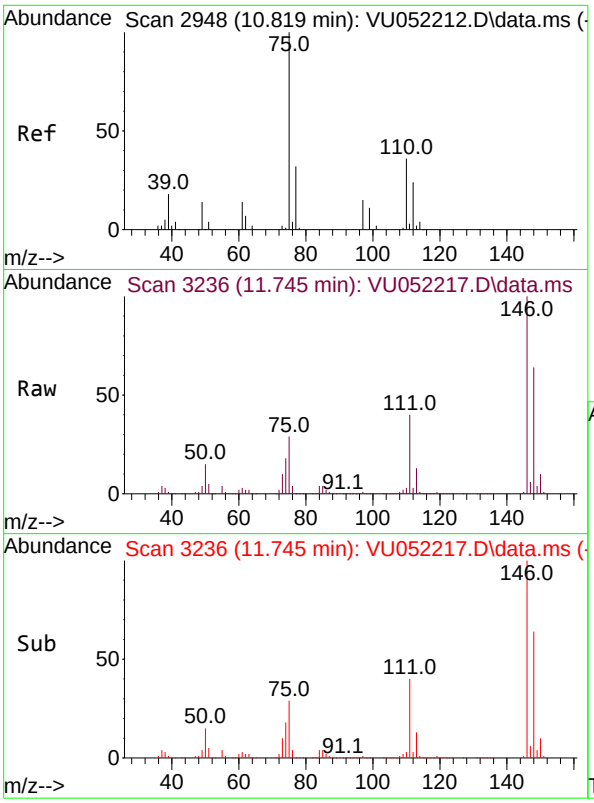


#60
Isopropylbenzene
Concen: 1.140 ug/L
RT: 10.996 min Scan# 3003
Delta R.T. 0.514 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion:105 Resp: 108209

Ion	Ratio	Lower	Upper
105	100		
120	31.1	21.0	31.6
77	0.0	12.5	18.7#



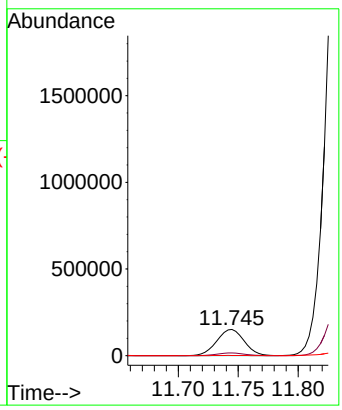


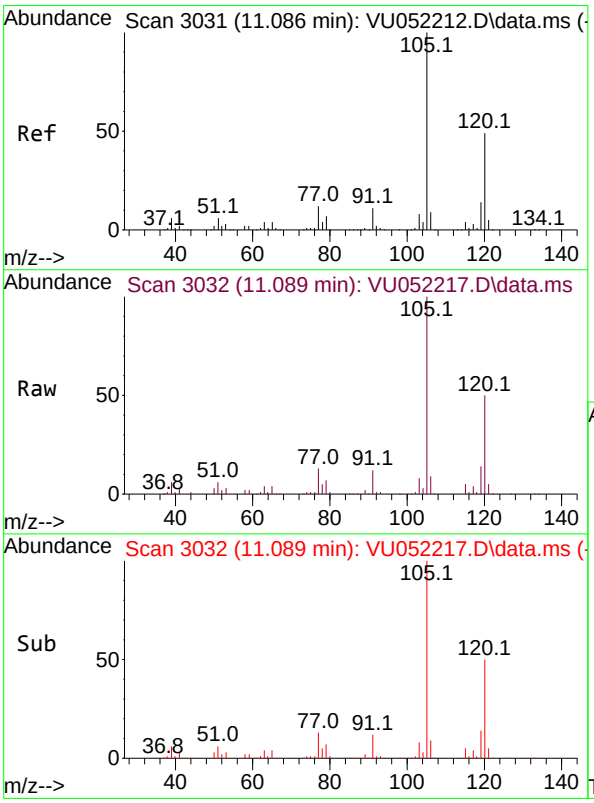
#61
1,2,3-Trichloropropane
Concen: 13.974 ug/L
RT: 11.745 min Scan# 3
Delta R.T. 0.926 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion: 75 Resp: 241799

Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.3	42.5#
77	0.0	26.2	39.2#

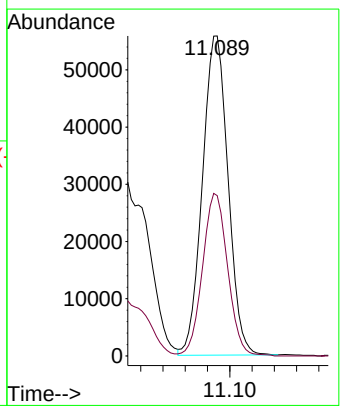


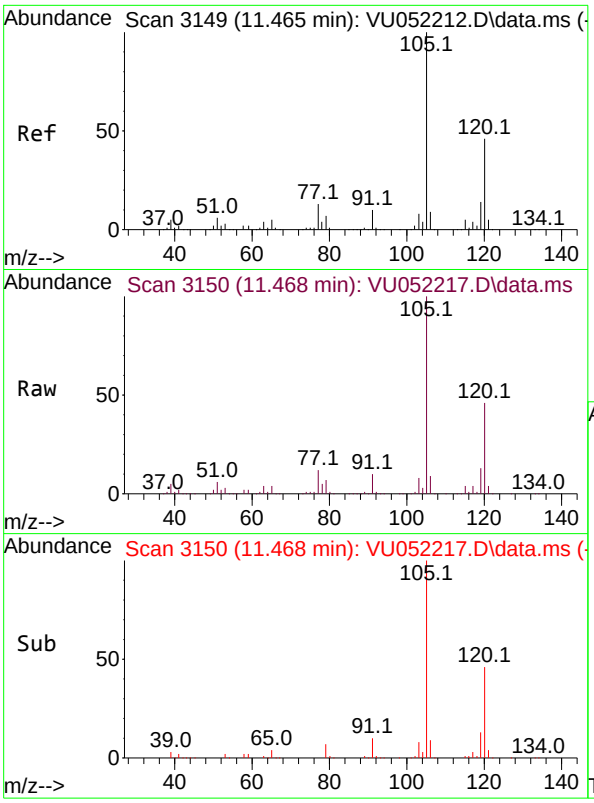


#62
1,3,5-Trimethylbenzene
Concen: 1.175 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion:105 Resp: 89165

Ion	Ratio	Lower	Upper
105	100		
120	50.0	38.7	58.1



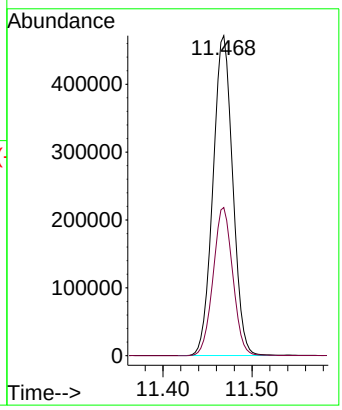


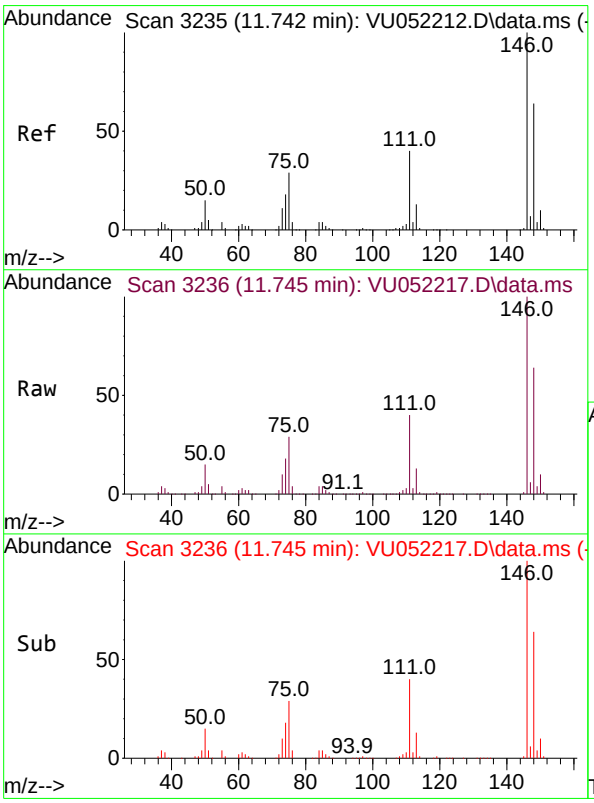
#63
1,2,4-Trimethylbenzene
Concen: 9.642 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion:105 Resp: 726542

Ion	Ratio	Lower	Upper
105	100		
120	46.1	36.6	55.0

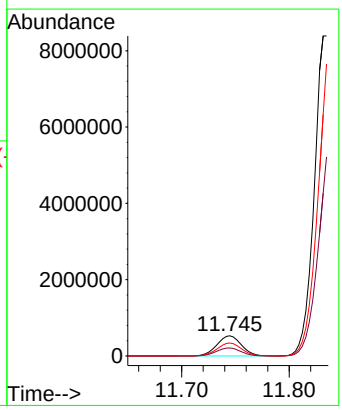


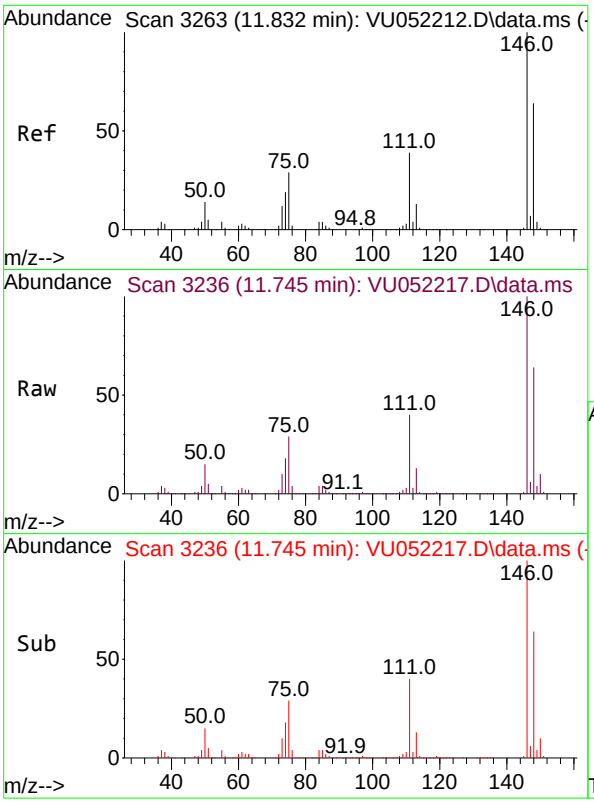


#64
1,3-Dichlorobenzene
Concen: 17.241 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion:146 Resp: 836003

Ion	Ratio	Lower	Upper
146	100		
111	39.7	28.6	53.2
148	64.4	45.4	84.2



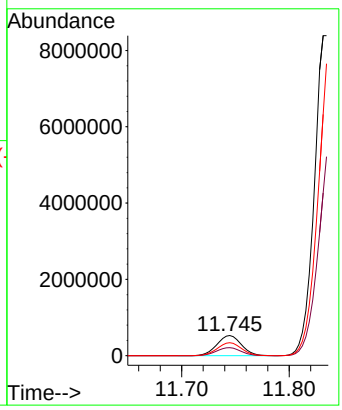


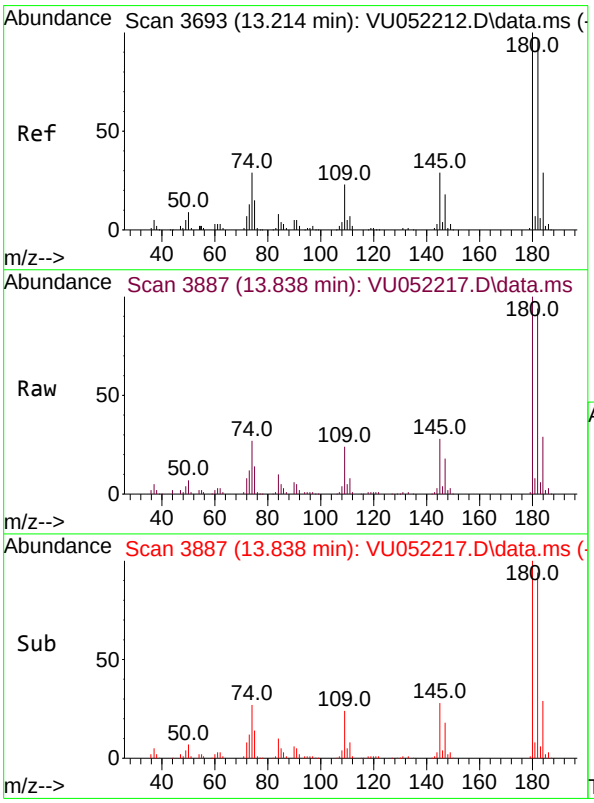
#65
1,4-Dichlorobenzene
Concen: 17.288 ug/L
RT: 11.745 min Scan# 3
Delta R.T. -0.087 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion:146 Resp: 836003

Ion	Ratio	Lower	Upper
146	100		
111	39.7	26.9	50.1
148	64.4	45.1	83.7

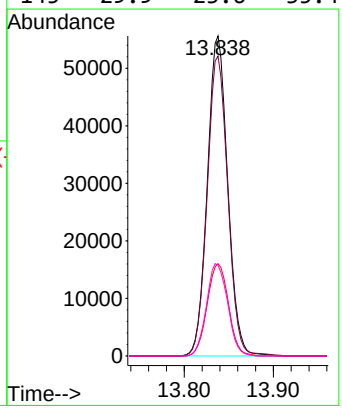


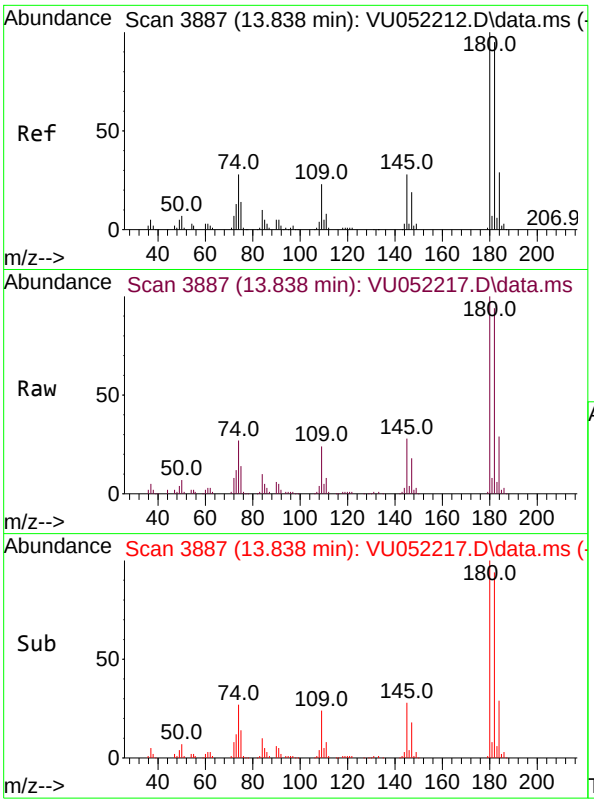


#69
1,3,5-Trichlorobenzene
Concen: 2.568 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.624 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion:180 Resp: 88310

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
184	30.1	24.3	36.5
145	29.9	23.6	35.4



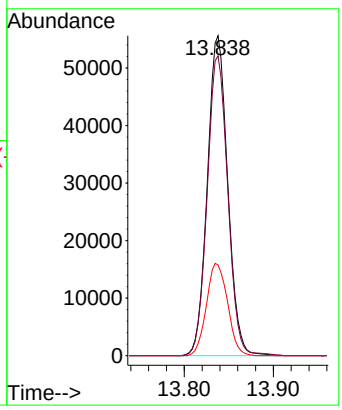


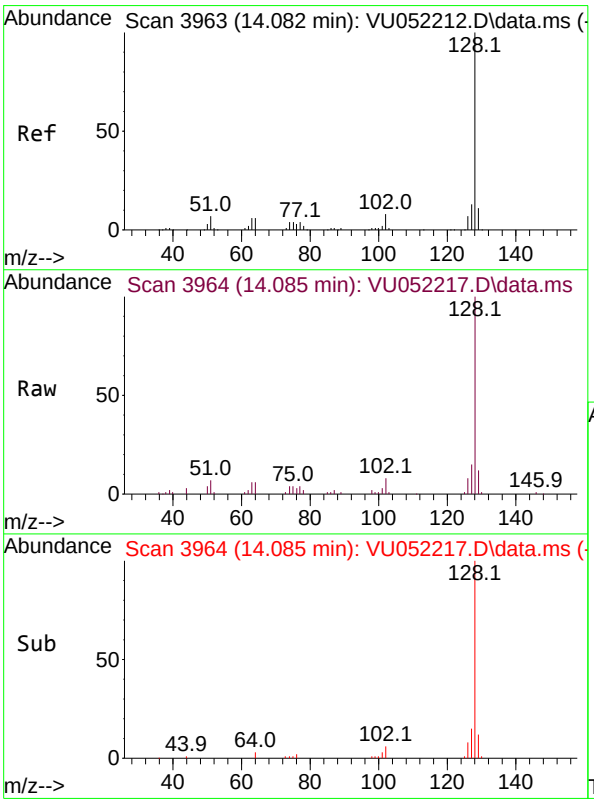
#70
1,2,4-trichlorobenzene
Concen: 3.373 ug/L
RT: 13.838 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion:180 Resp: 88310

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.3	114.5
145	29.9	24.6	36.8

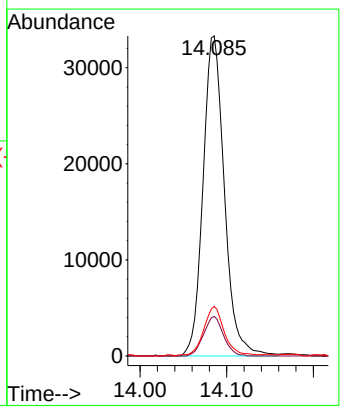


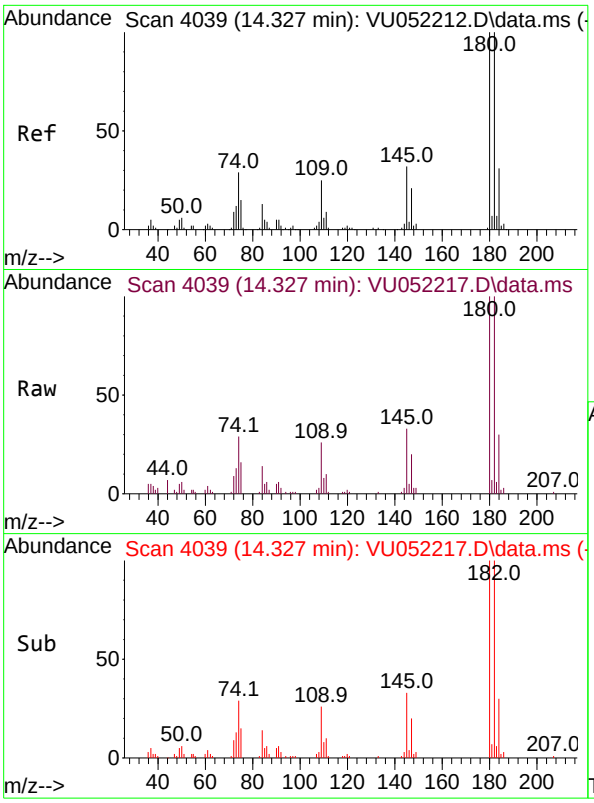


#71
Naphthalene
Concen: 1.161 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Tgt Ion:128 Resp: 57066

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.3	12.5
127	15.0	10.2	15.4





#72
1,2,3-Trichlorobenzene
Concen: 0.895 ug/L
RT: 14.327 min Scan# 4
Delta R.T. -0.000 min
Lab File: VU052217.D
Acq: 07 Dec 2022 23:59

Instrument :
MSVOA_U
ClientSampleId :
F5N29

Tgt Ion:180 Resp: 23060

Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.7	113.5
145	33.8	24.5	36.7