Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055889.D
Acq On : 25 Oct 2023 19:10
Operator : MD/SY
Sample : 04952-09MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Quant Time: Oct 26 01:56:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 26 01:50:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	577054	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	588360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	331084	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	233281	45.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.140%			
7) Chloroethane-d5	1.894	69	189532	44.797	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.600%			
11) 1,1-Dichloroethene-d2	2.563	63	410003	44.425	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.860%			
21) 2-Butanone-d5	4.611	46	276092	71.987	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 71.990%			
24) Chloroform-d	5.058	84	438889	44.231	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.460%			
26) 1,2-Dichloroethane-d4	5.695	65	269221	44.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.160%			
32) Benzene-d6	5.721	84	885394	47.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.060%			
36) 1,2-Dichloropropane-d6	6.685	67	270661	45.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.840%			
41) Toluene-d8	7.894	98	808602	47.570	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.140%			
43) trans-1,3-Dichloroprop...	8.174	79	133050	46.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.960%			
47) 2-Hexanone-d5	8.631	63	249556	106.518	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.520%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	436200	47.551	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.100%			
66) 1,2-Dichlorobenzene-d4	12.190	152	334378	50.893	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	195325	40.652	ug/L	100
3) Chloromethane	1.518	50	208708	45.906	ug/L	98
5) Vinyl chloride	1.605	62	224313	44.833	ug/L	98
6) Bromomethane	1.830	94	105646	33.030	ug/L	97
8) Chloroethane	1.917	64	142514	43.424	ug/L	97
9) Trichlorofluoromethane	2.129	101	317117	44.361	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	199915	43.485	ug/L	97
12) 1,1-Dichloroethene	2.573	96	193188	47.223	ug/L	95
13) Acetone	2.618	43	166293	46.723	ug/L	96
14) Carbon disulfide	2.788	76	514581	41.333	ug/L	98
15) Methyl Acetate	2.939	43	205329	37.670	ug/L	96
16) Methylene chloride	3.039	84	235216	47.412	ug/L	93
17) trans-1,2-Dichloroethene	3.348	96	197538	47.221	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	687960	51.137	ug/L	98
19) 1,1-Dichloroethane	3.862	63	398347	46.434	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	239120	50.084	ug/L	98
22) 2-Butanone	4.692	43	281428	65.603	ug/L	100
23) Bromochloromethane	4.968	128	119683	48.404	ug/L	94
25) Chloroform	5.081	83	425098	47.435	ug/L	97

Quantitation Report (QT Reviewed)

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Quant Time: Oct 26 01:56:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 26 01:50:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	322325	44.970	ug/L	98
29) Cyclohexane	5.383	56	328812	48.757	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	361410	47.545	ug/L	97
31) Carbon tetrachloride	5.518	117	304855	45.819	ug/L	98
33) Benzene	5.769	78	899417	48.360	ug/L	100
34) Trichloroethene	6.537	95	234900	46.159	ug/L	99
35) Methylcyclohexane	6.759	83	333981	45.234	ug/L	98
37) 1,2-Dichloropropane	6.785	63	242330	47.317	ug/L	99
38) Bromodichloromethane	7.100	83	315778	46.756	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	363280	46.625	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	625916	87.851	ug/L	95
42) Toluene	7.965	91	971231	49.490	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	359930	48.281	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	243236	48.166	ug/L	98
46) Tetrachloroethene	8.550	164	173400	47.592	ug/L	99
48) 2-Hexanone	8.682	43	501795	83.382	ug/L	96
49) Dibromochloromethane	8.804	129	251487	48.739	ug/L	99
50) 1,2-Dibromoethane	8.920	107	261708	48.249	ug/L	99
51) Chlorobenzene	9.444	112	638500	50.286	ug/L	99
52) Ethylbenzene	9.566	91	1098311	51.190	ug/L	100
53) m,p-Xylene	9.688	106	426669	53.081	ug/L	96
54) o-Xylene	10.097	106	426639	54.850	ug/L	98
55) Styrene	10.110	104	744521	56.502	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	450507	52.100	ug/L	98
59) Bromoform	10.286	173	207531	50.919	ug/L	97
60) 1,2,3-Trichloropropane	10.817	75	339554	47.255	ug/L	98
61) Isopropylbenzene	10.479	105	1126755	54.590	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	986878	59.090	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	992312	60.087	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	534693	52.404	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	537042	51.194	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	539096	53.241	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	91494	42.591	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	361914	53.177	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	316417	55.816	ug/L	100
71) Naphthalene	14.080	128	971950	57.718	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	308683	55.228	ug/L	98

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

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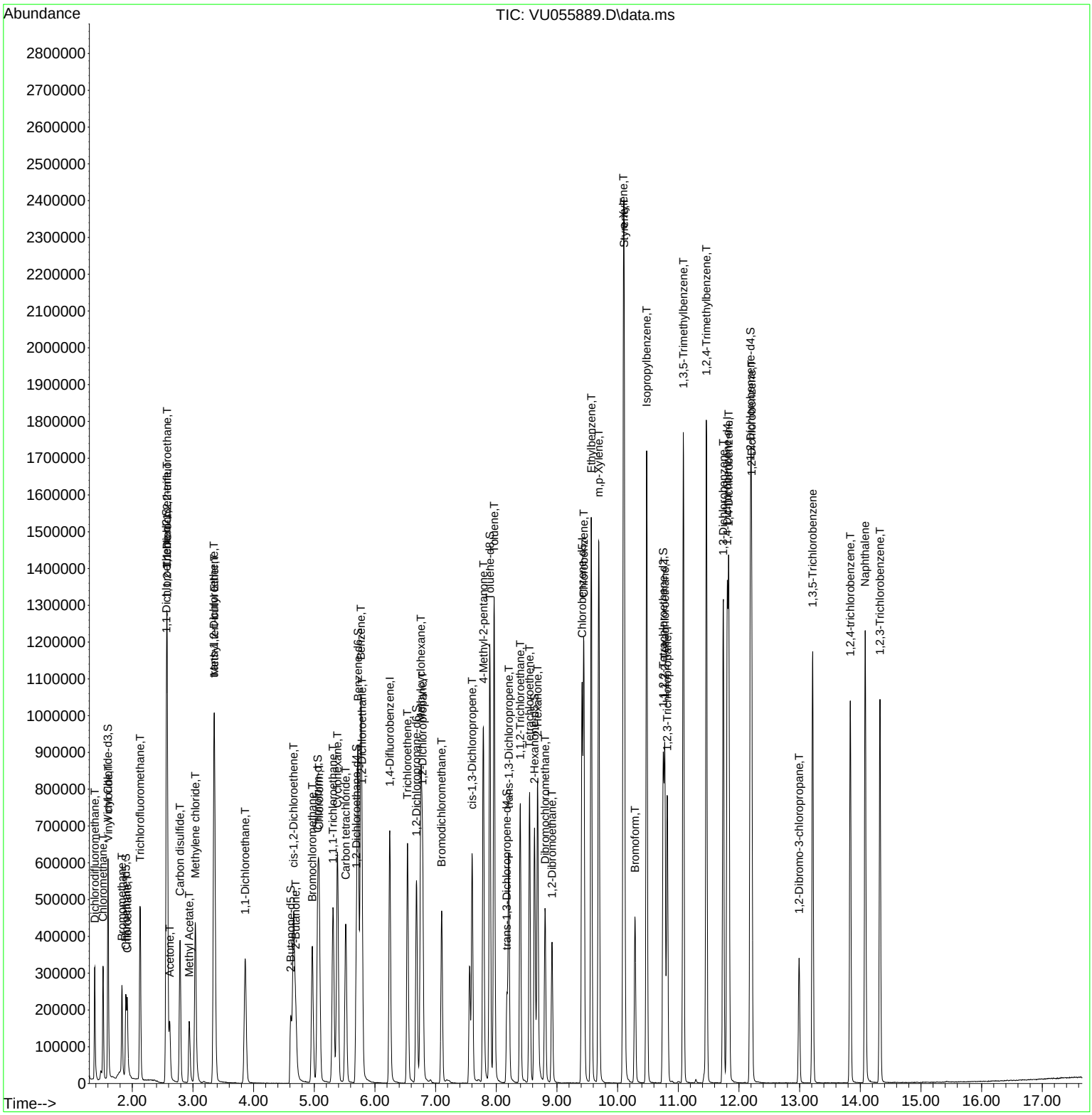
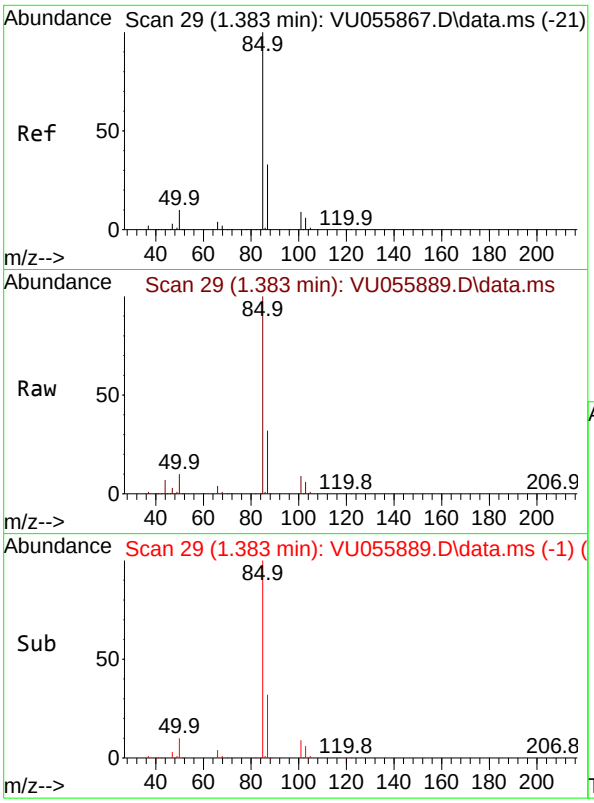
Quant Title : VOC Analysis
QLast Update : Thu Oct 26 01:50:39 2023
Response via : Initial Calibration



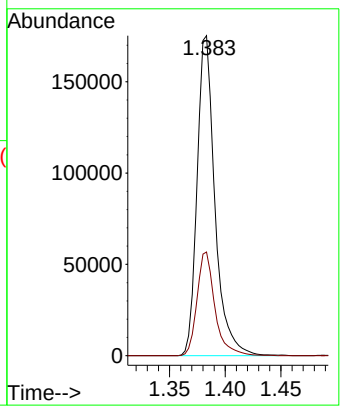


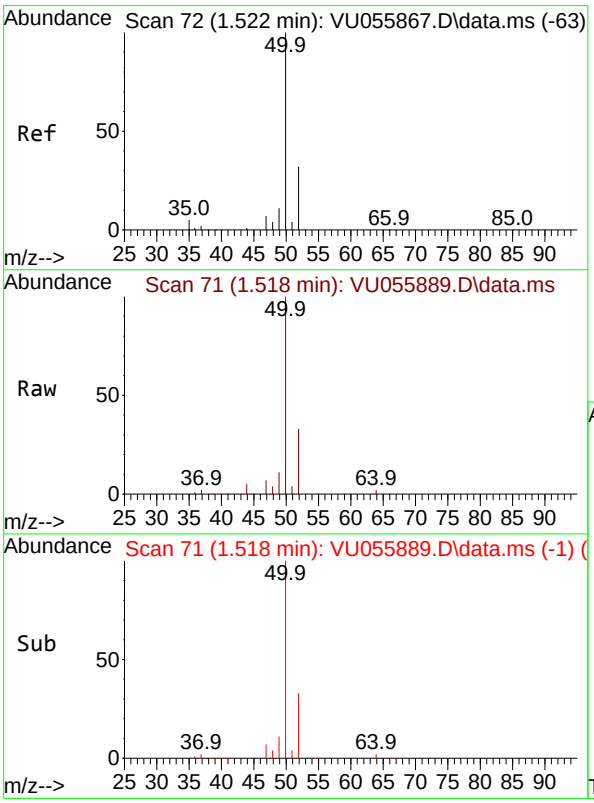
#2
Dichlorodifluoromethane
Concen: 40.652 ug/L
RT: 1.383 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 85 Resp: 195325

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.0	39.0

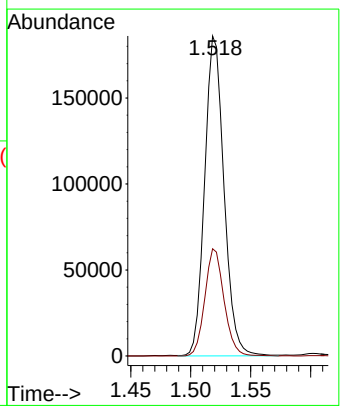


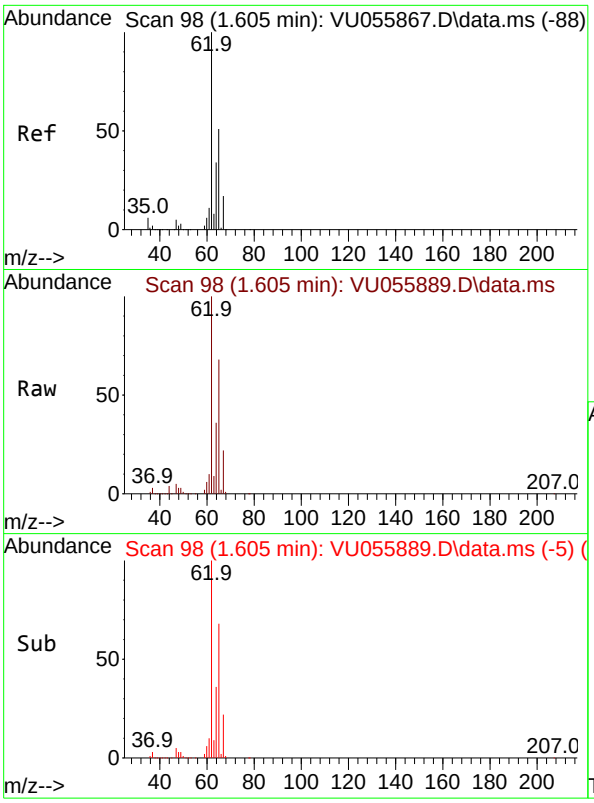


#3
Chloromethane
Concen: 45.906 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 50 Resp: 208708

Ion	Ratio	Lower	Upper
50	100		
52	33.5	22.8	42.4



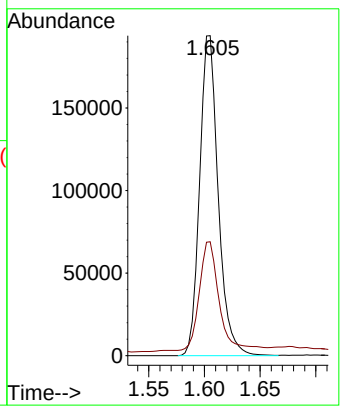


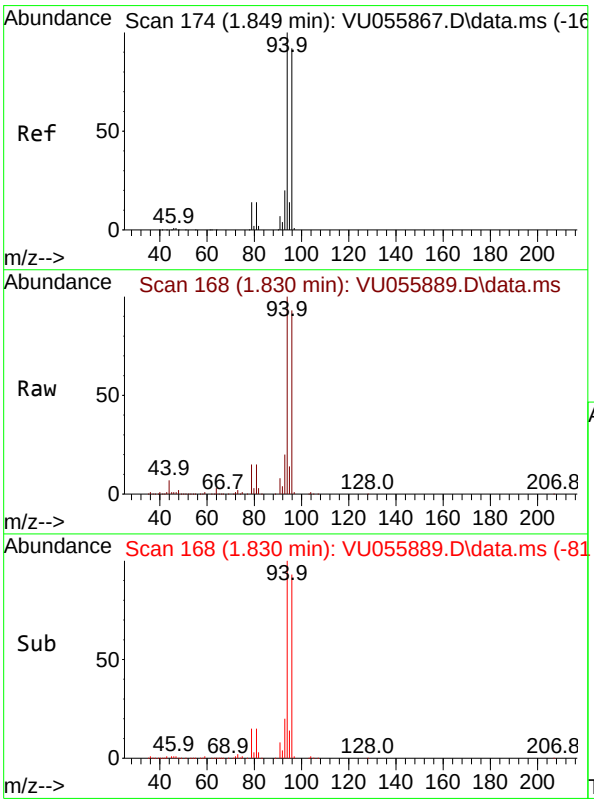
#5
Vinyl chloride
Concen: 44.833 ug/L
RT: 1.605 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 62 Resp: 224313

Ion	Ratio	Lower	Upper
62	100		
64	35.6	23.9	44.5

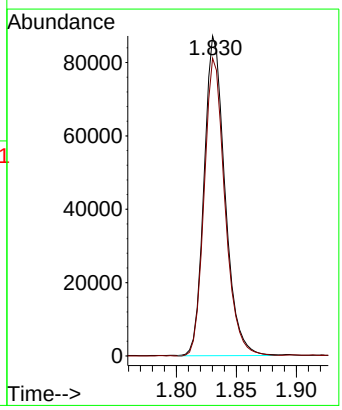


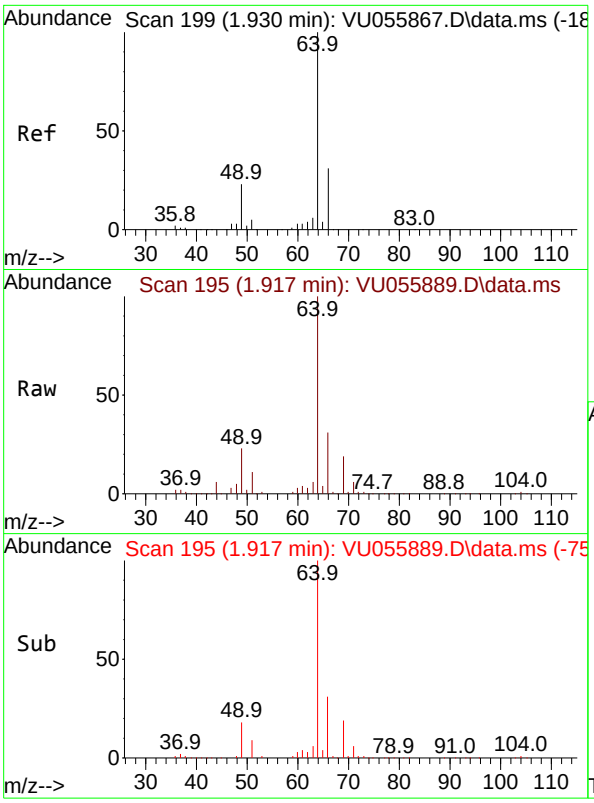


#6
Bromomethane
Concen: 33.030 ug/L
RT: 1.830 min Scan# 168
Delta R.T. -0.019 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 94 Resp: 105646

Ion	Ratio	Lower	Upper
94	100		
96	93.1	63.5	117.9



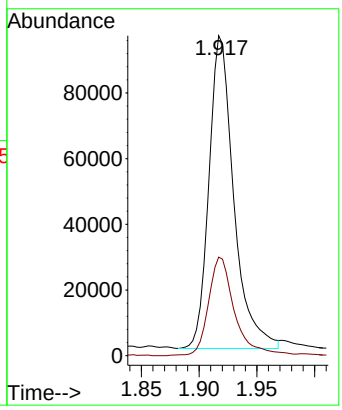


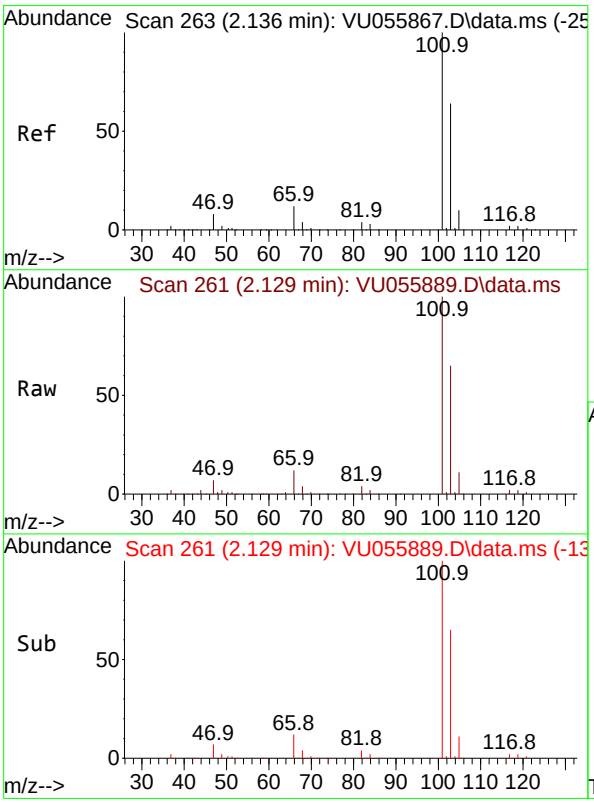
#8
Chloroethane
Concen: 43.424 ug/L
RT: 1.917 min Scan# 1
Delta R.T. -0.013 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 64 Resp: 142514

Ion	Ratio	Lower	Upper
64	100		
66	30.8	22.9	42.5

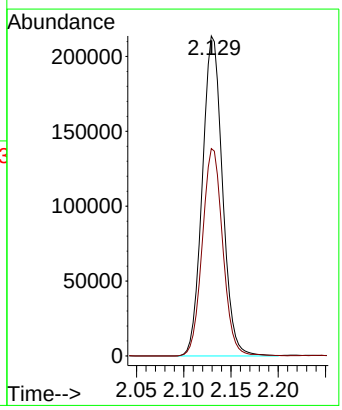


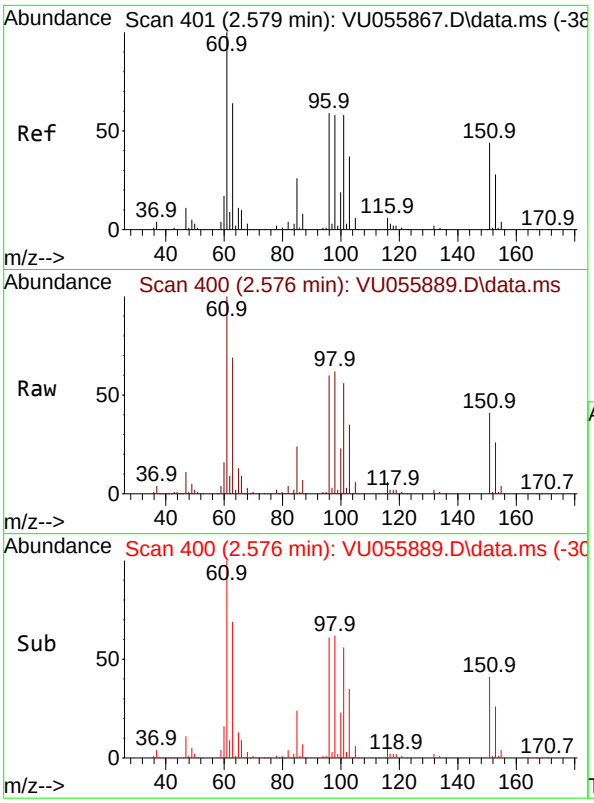


#9
Trichlorofluoromethane
Concen: 44.361 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.006 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:101 Resp: 317117

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.3	76.9



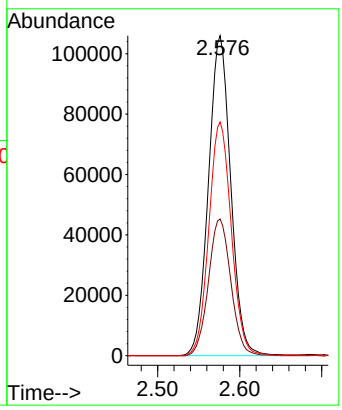


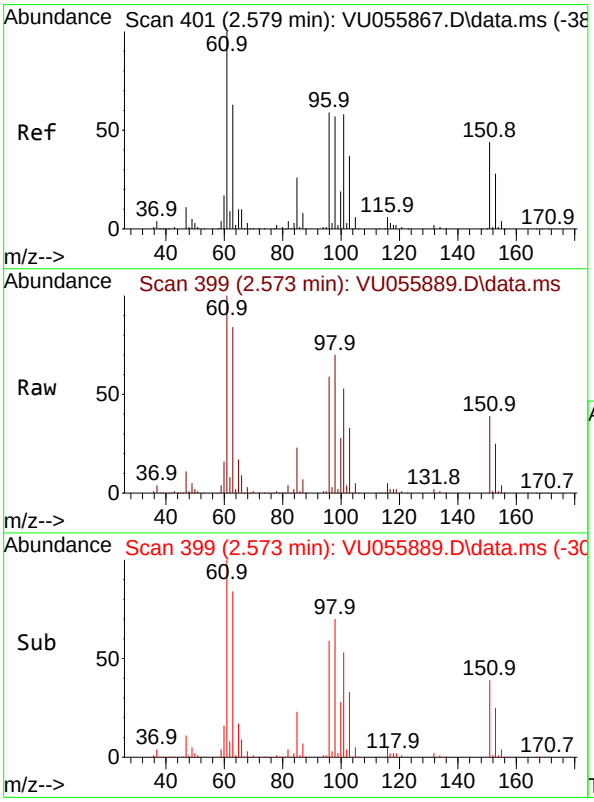
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.485 ug/L
RT: 2.576 min Scan# 4(
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion:101 Resp: 199915

Ion	Ratio	Lower	Upper
101	100		
85	42.9	37.1	55.7
151	73.6	58.2	87.4

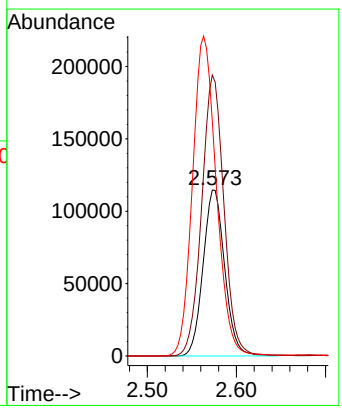


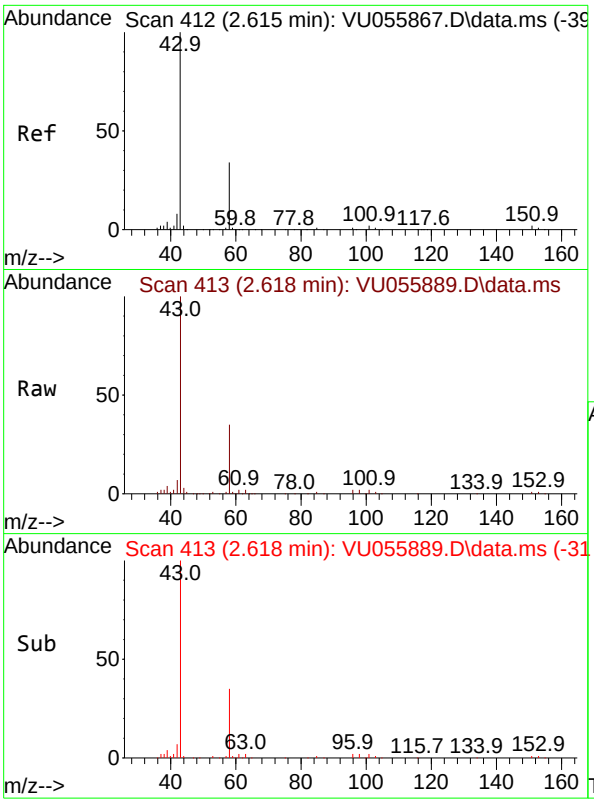


#12
1,1-Dichloroethene
Concen: 47.223 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 96 Resp: 193188

Ion	Ratio	Lower	Upper
96	100		
61	169.2	122.0	226.6
63	141.8	93.7	174.1



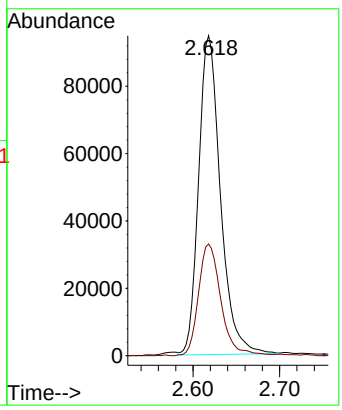


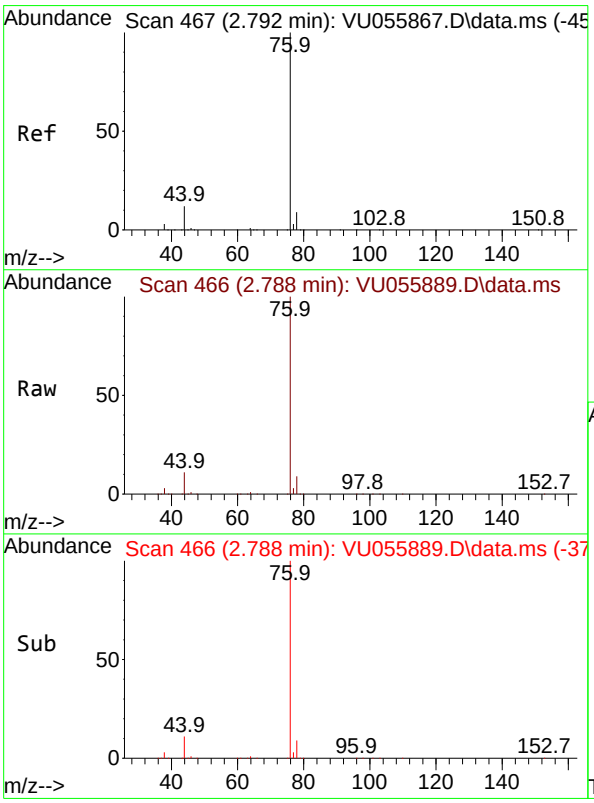
#13
Acetone
Concen: 46.723 ug/L
RT: 2.618 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 43 Resp: 166293

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	67.4

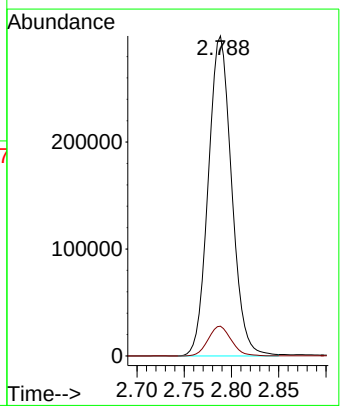


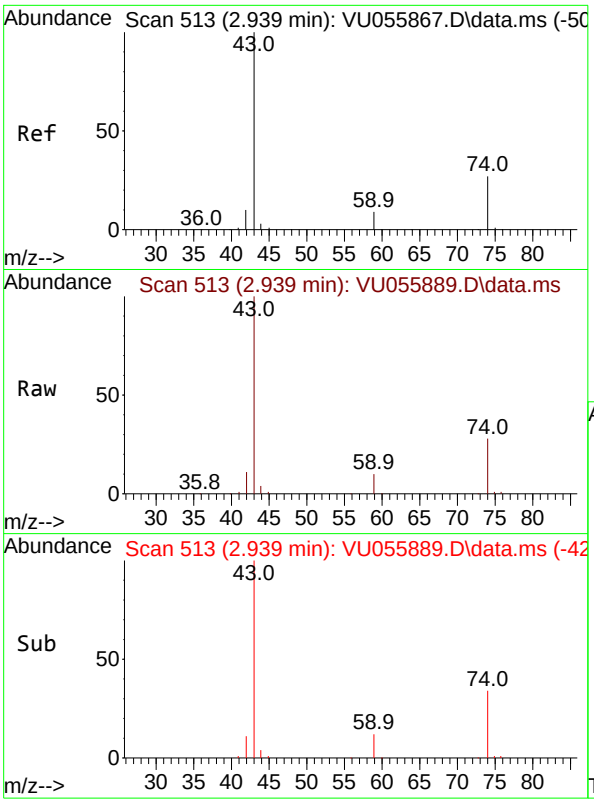


#14
Carbon disulfide
Concen: 41.333 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 76 Resp: 514581

Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.8	10.2



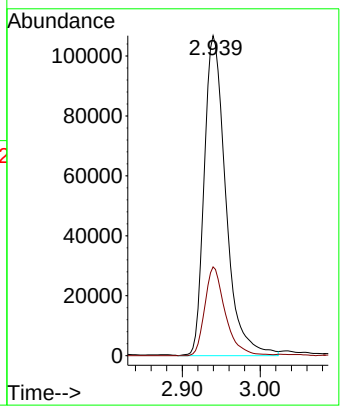


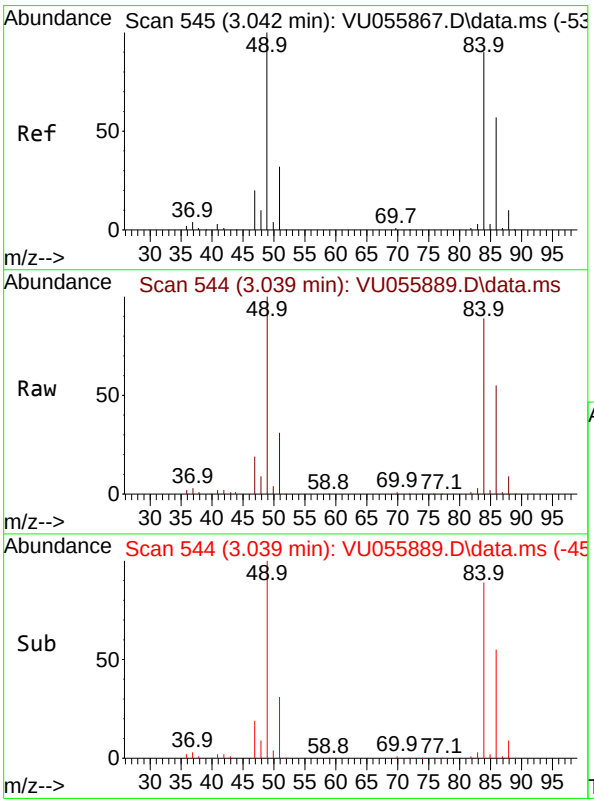
#15
Methyl Acetate
Concen: 37.670 ug/L
RT: 2.939 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 43 Resp: 205329

Ion	Ratio	Lower	Upper
43	100		
74	26.3	19.5	29.3

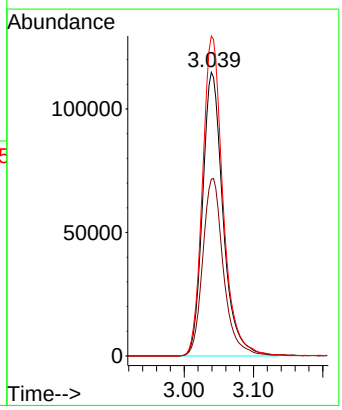


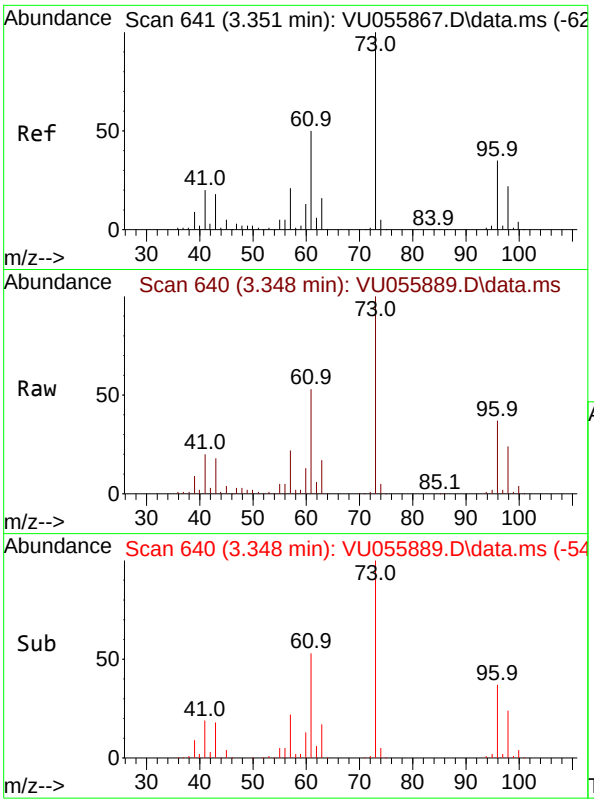


#16
Methylene chloride
Concen: 47.412 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 84 Resp: 235216

Ion	Ratio	Lower	Upper
84	100		
86	62.4	46.3	86.1
49	112.8	84.8	157.6



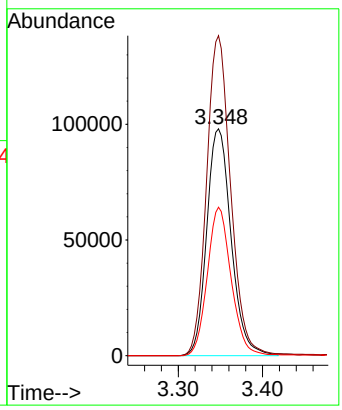


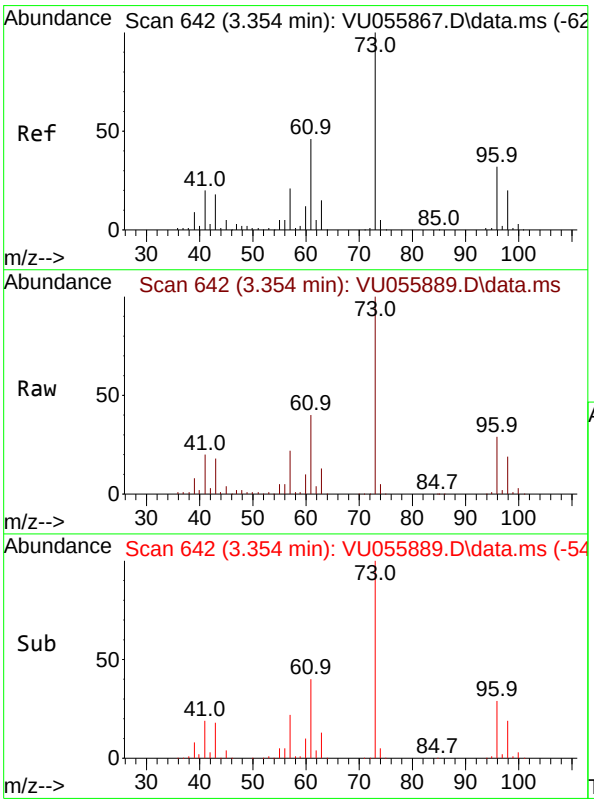
#17
trans-1,2-Dichloroethene
Concen: 47.221 ug/L
RT: 3.348 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 96 Resp: 197538

Ion	Ratio	Lower	Upper
96	100		
61	141.1	102.1	189.7
98	65.5	46.3	86.1

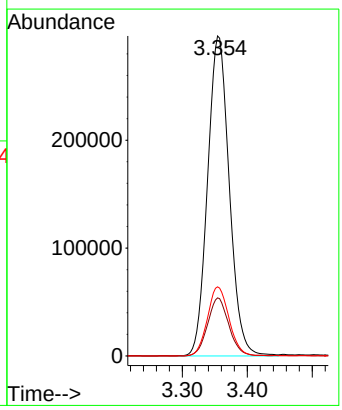


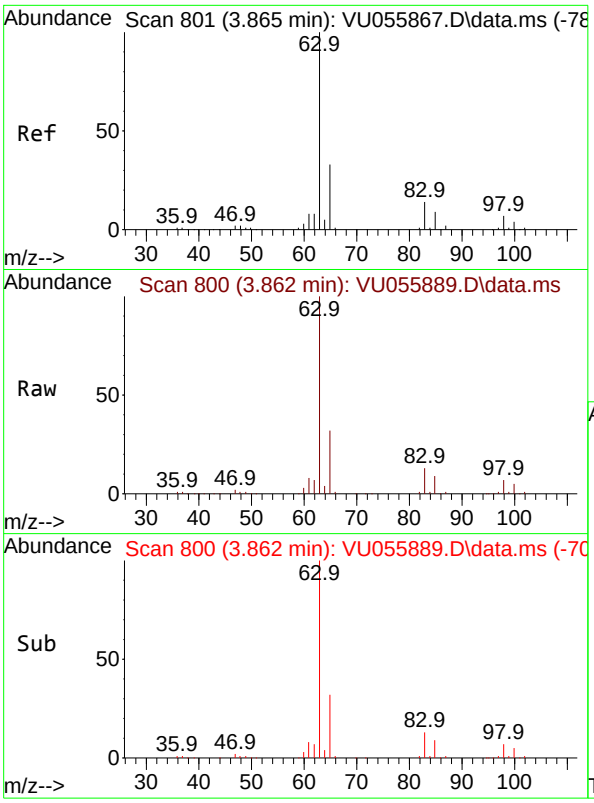


#18
Methyl tert-butyl Ether
Concen: 51.137 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 73 Resp: 687960

Ion	Ratio	Lower	Upper
73	100		
43	17.8	15.4	23.2
57	21.5	17.7	26.5



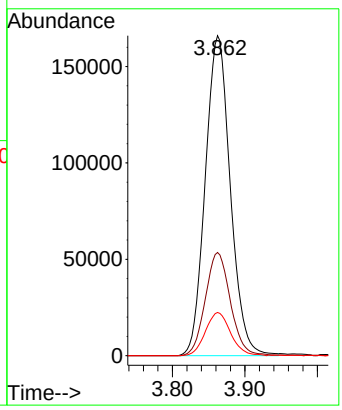


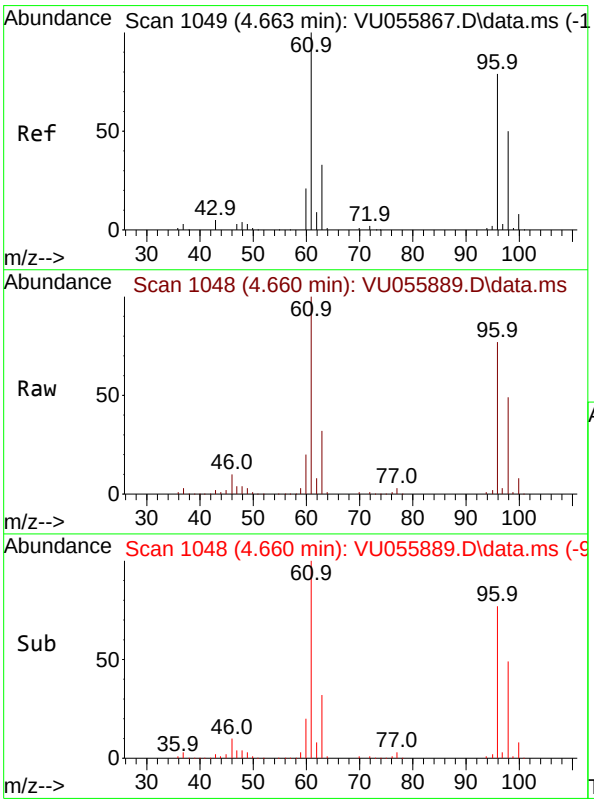
#19
1,1-Dichloroethane
Concen: 46.434 ug/L
RT: 3.862 min Scan# 8(
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 63 Resp: 398347

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.3	41.5
83	13.5	9.5	17.7

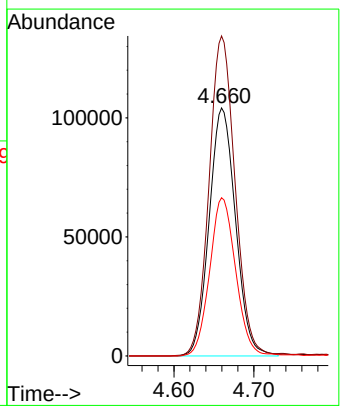


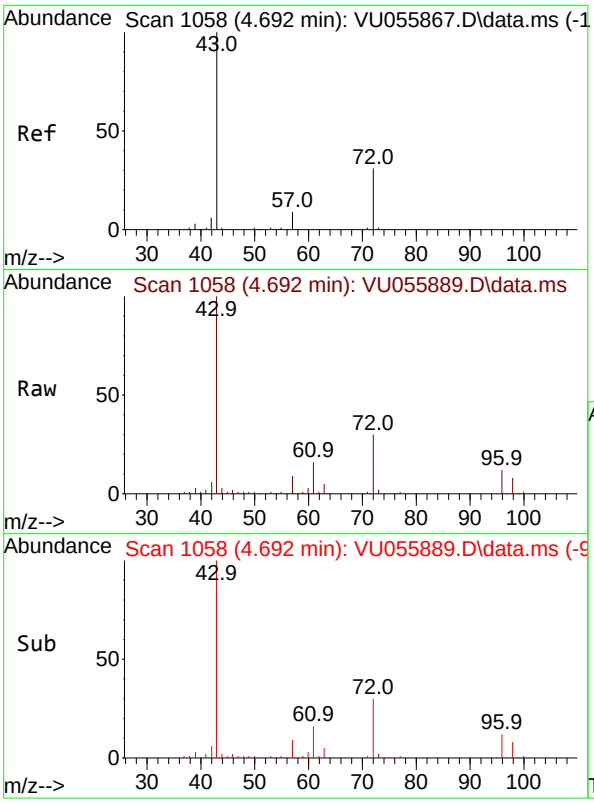


#20
cis-1,2-Dichloroethene
Concen: 50.084 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 96 Resp: 239120

Ion	Ratio	Lower	Upper
96	100		
61	129.0	92.3	171.5
98	63.8	43.9	81.5



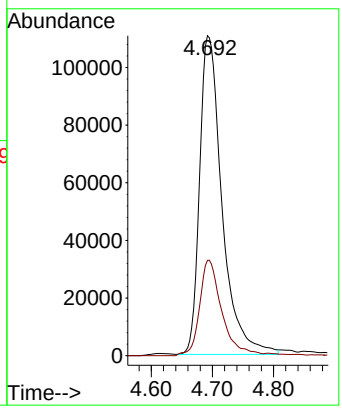


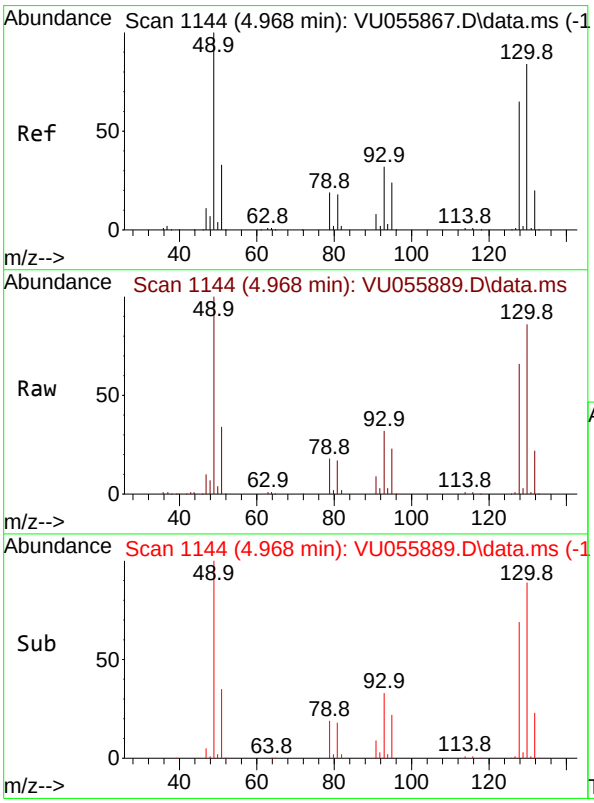
#22
2-Butanone
Concen: 65.603 ug/L
RT: 4.692 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 43 Resp: 281428

Ion	Ratio	Lower	Upper
43	100		
72	29.5	14.6	44.0

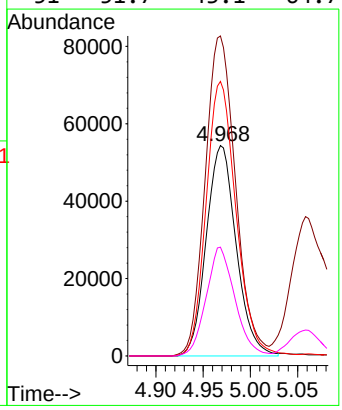


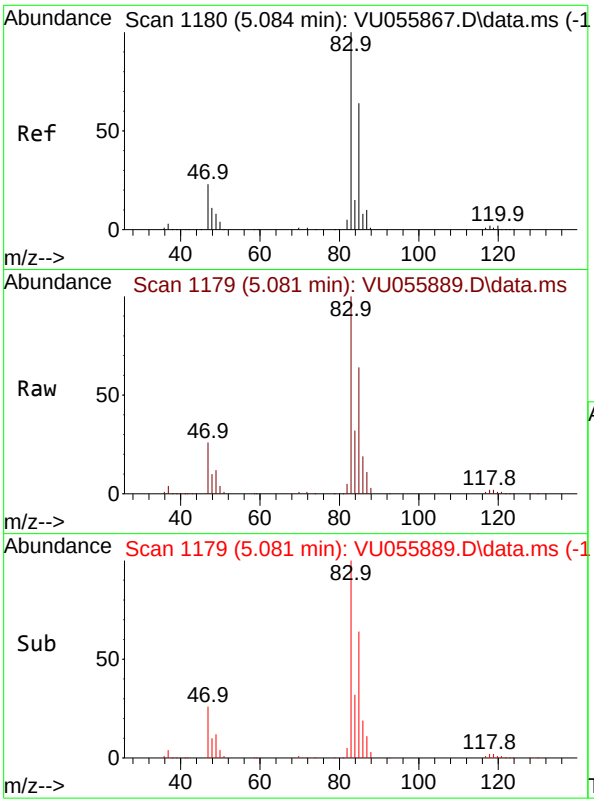


#23
Bromochloromethane
Concen: 48.404 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:128 Resp: 119683

Ion	Ratio	Lower	Upper
128	100		
49	152.1	116.3	216.1
130	130.5	91.6	170.0
51	51.7	43.1	64.7



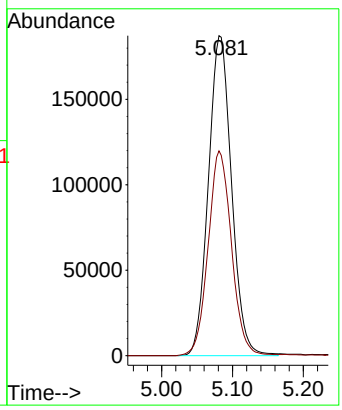


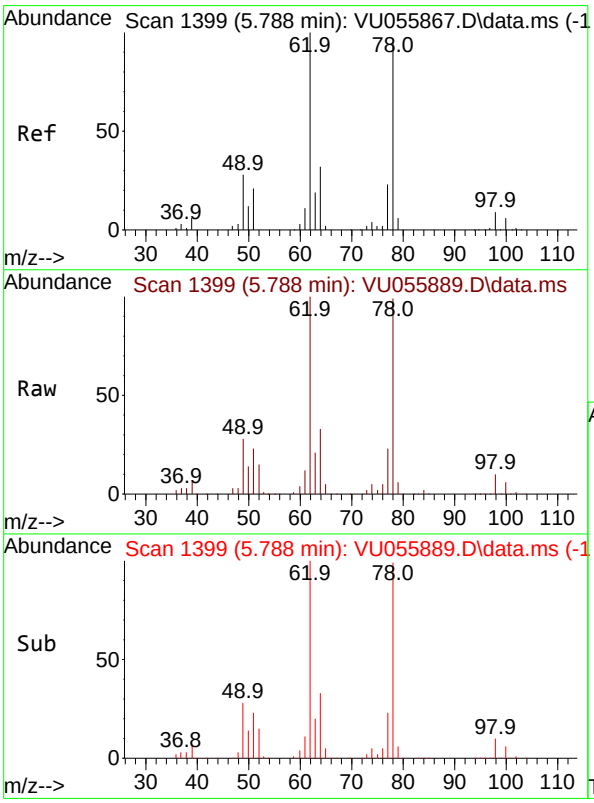
#25
Chloroform
Concen: 47.435 ug/L
RT: 5.081 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 83 Resp: 425098

Ion	Ratio	Lower	Upper
83	100		
85	64.0	46.3	86.1

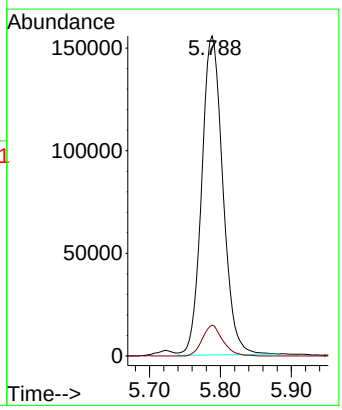


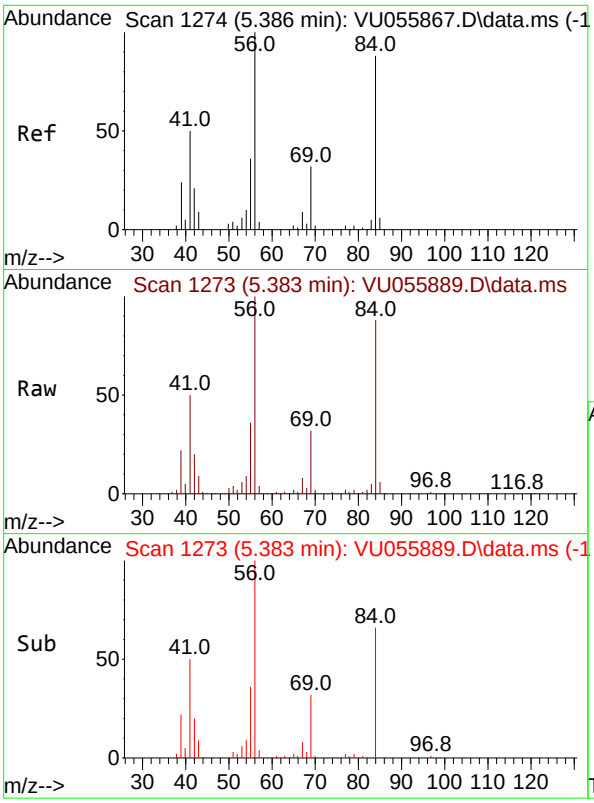


#27
1,2-Dichloroethane
Concen: 44.970 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 62 Resp: 322325

Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.2	10.8



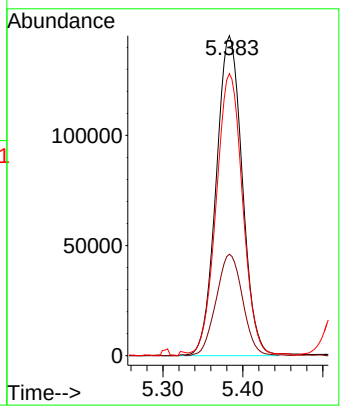


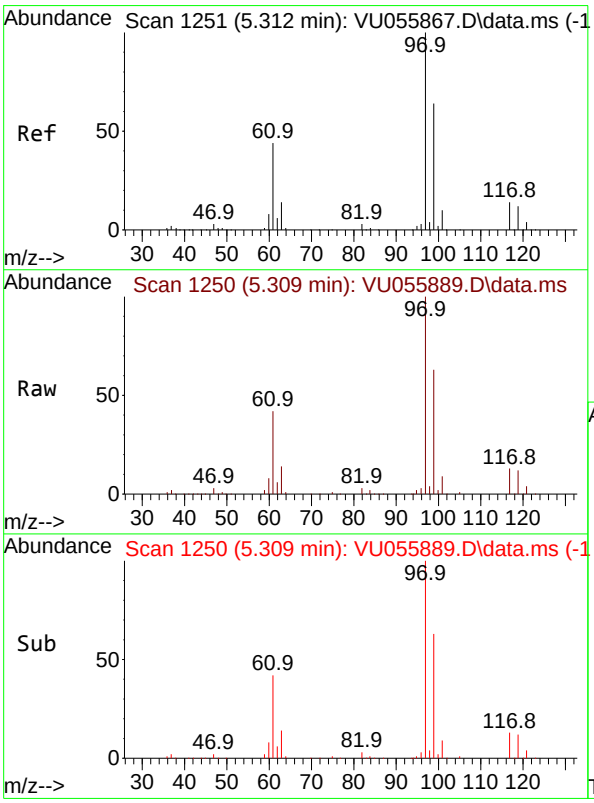
#29
Cyclohexane
Concen: 48.757 ug/L
RT: 5.383 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 56 Resp: 328812

Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.9	37.3
84	88.0	70.7	106.1

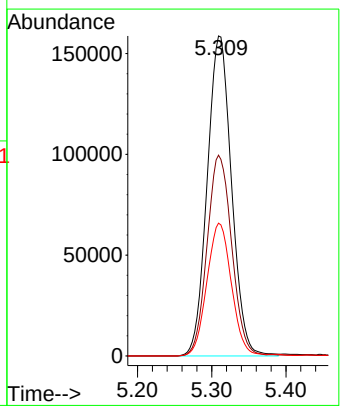


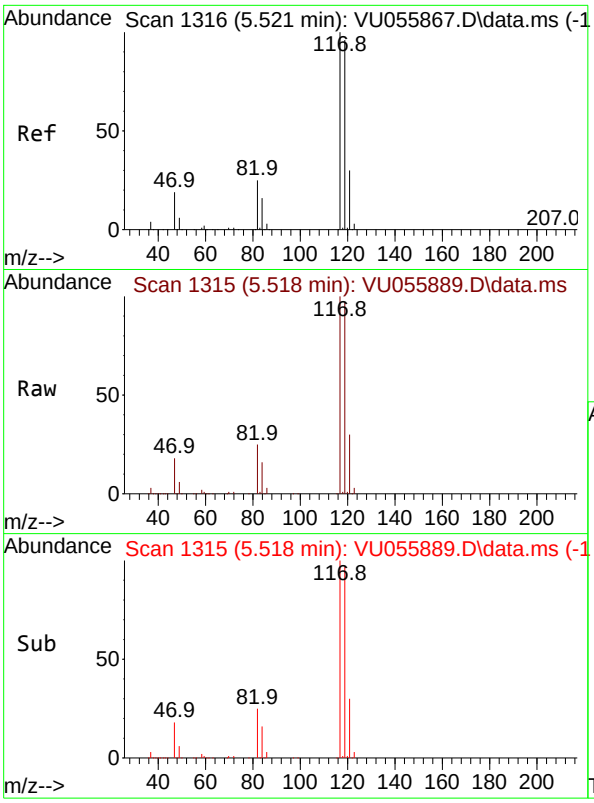


#30
1,1,1-Trichloroethane
Concen: 47.545 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 97 Resp: 361410

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.6	77.4
61	42.2	36.8	55.2



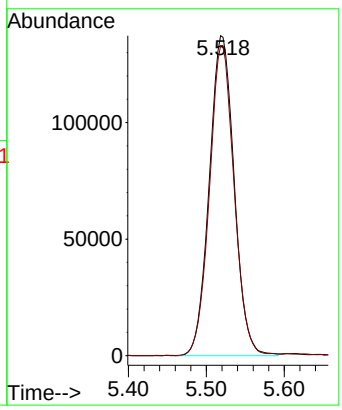


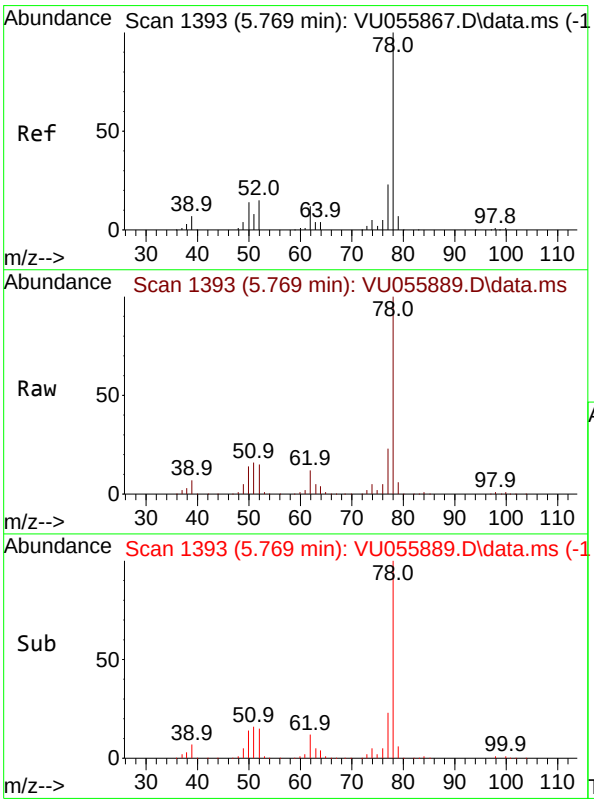
#31
Carbon tetrachloride
Concen: 45.819 ug/L
RT: 5.518 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion:117 Resp: 304855

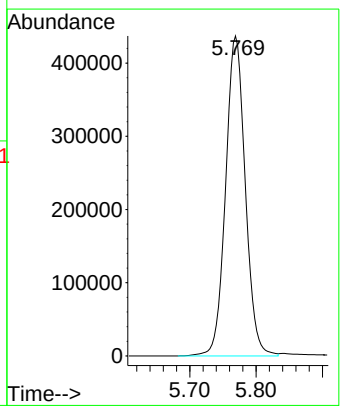
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.4	113.0

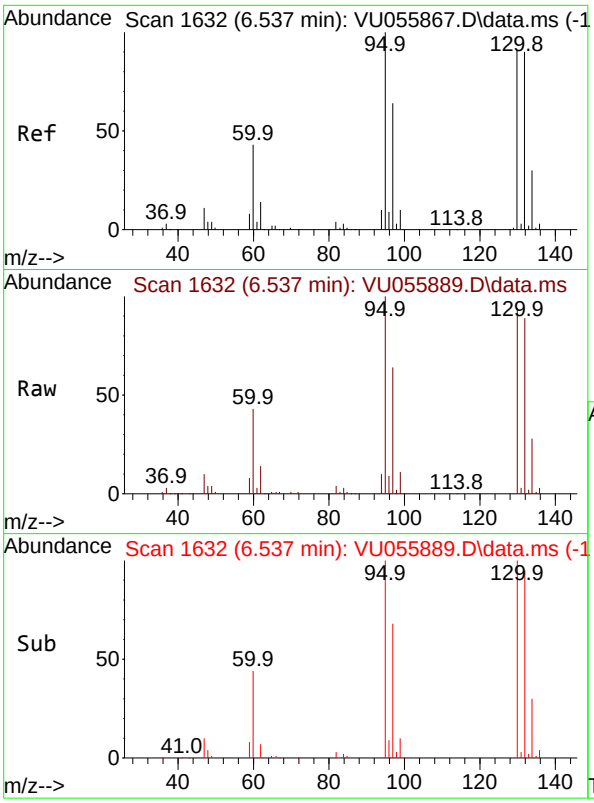




#33
Benzene
Concen: 48.360 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 78 Resp: 899417



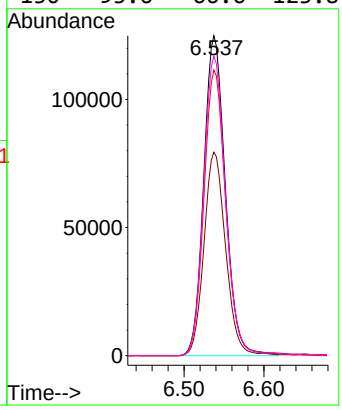


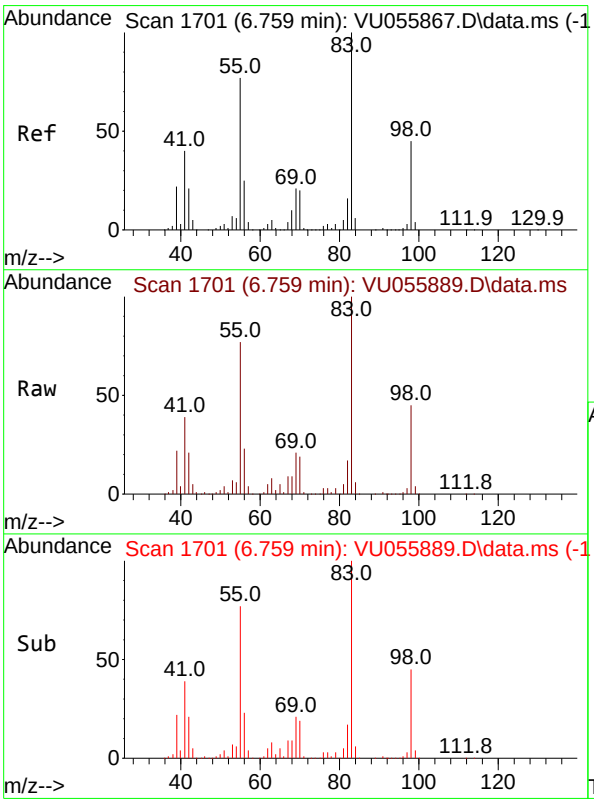
#34
Trichloroethene
Concen: 46.159 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 95 Resp: 234900

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.4	82.5
132	89.3	61.8	114.8
130	93.6	66.6	123.8

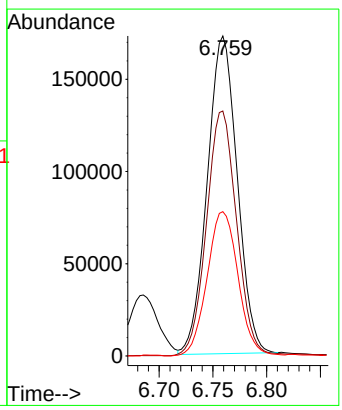


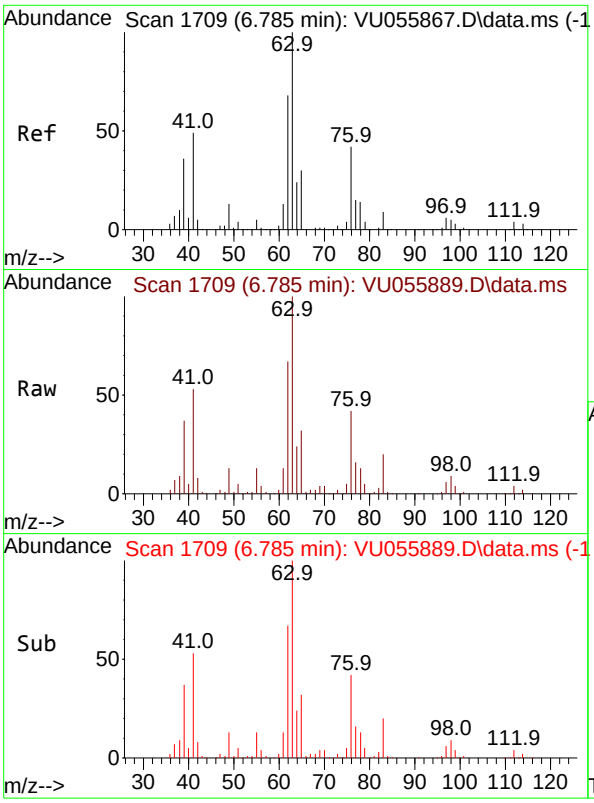


#35
Methylcyclohexane
Concen: 45.234 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 83 Resp: 333981

Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.2	91.8
98	47.1	35.8	53.6



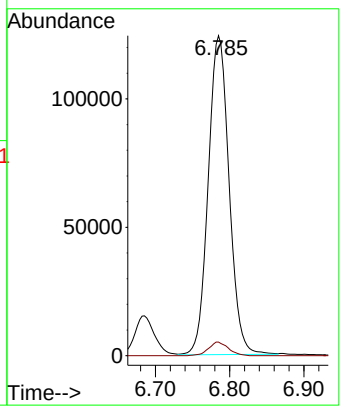


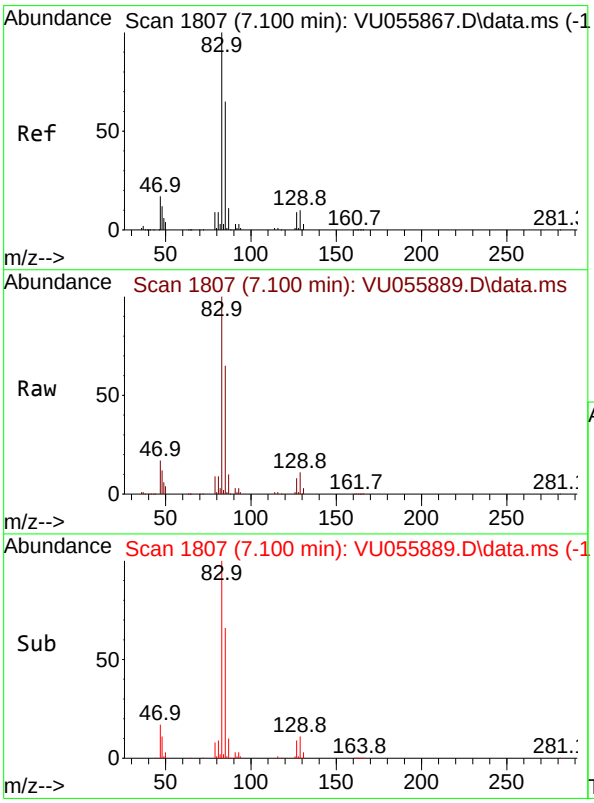
#37
1,2-Dichloropropane
Concen: 47.317 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 63 Resp: 242330

Ion	Ratio	Lower	Upper
63	100		
112	4.1	3.0	4.4

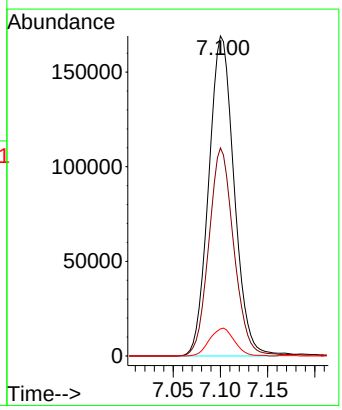


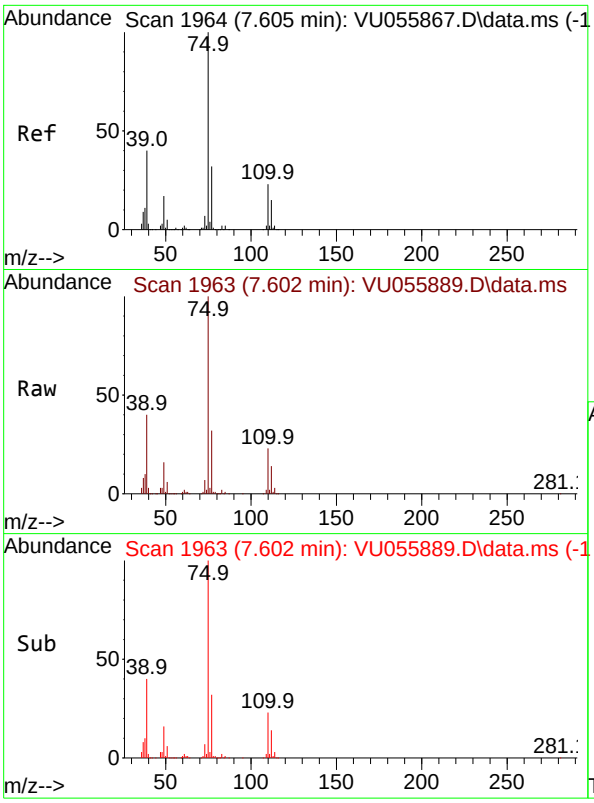


#38
Bromodichloromethane
Concen: 46.756 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 83 Resp: 315778

Ion	Ratio	Lower	Upper
83	100		
85	65.0	46.0	85.4
127	8.4	7.0	10.4



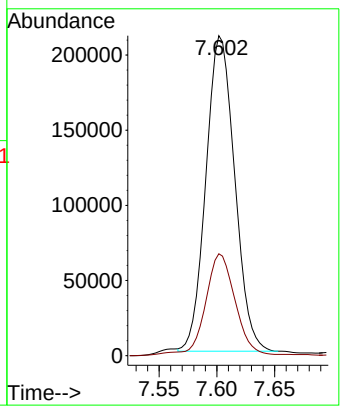


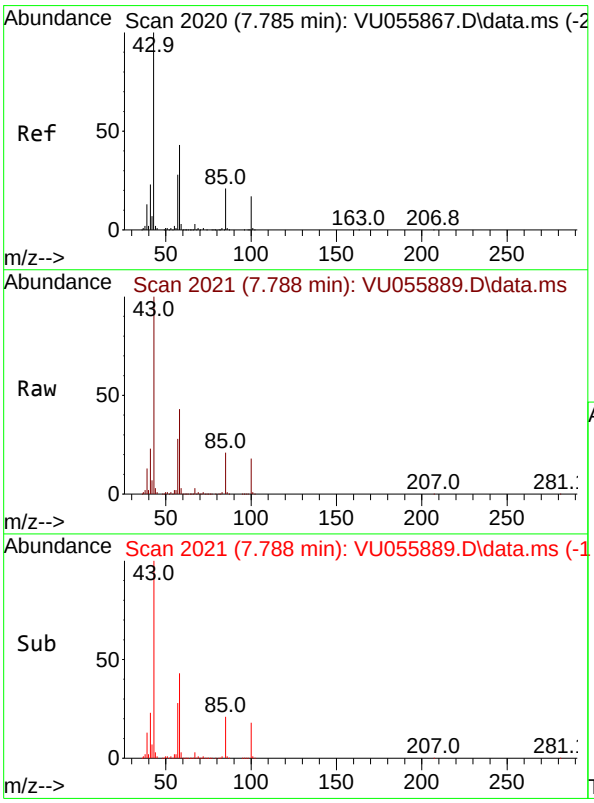
#39
cis-1,3-Dichloropropene
Concen: 46.625 ug/L
RT: 7.602 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 75 Resp: 363280

Ion	Ratio	Lower	Upper
75	100		
77	31.8	21.7	40.3

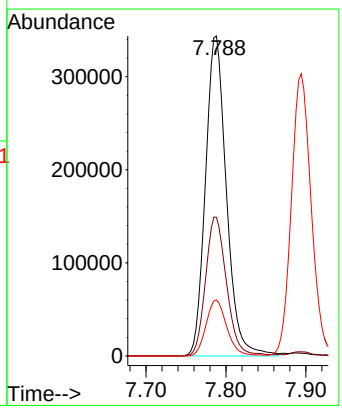


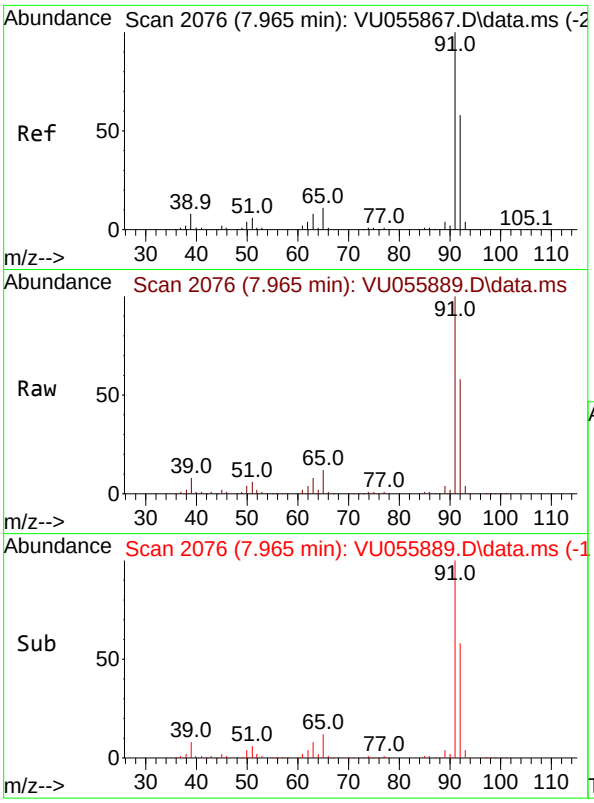


#40
4-Methyl-2-pentanone
Concen: 87.851 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 43 Resp: 625916

Ion	Ratio	Lower	Upper
43	100		
58	43.6	32.3	48.5
100	17.3	12.0	18.0



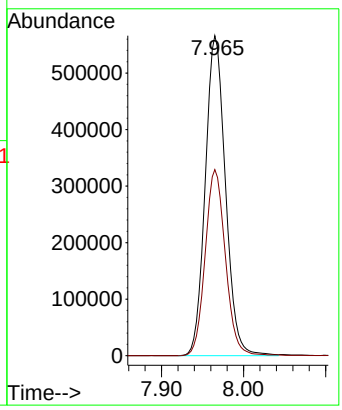


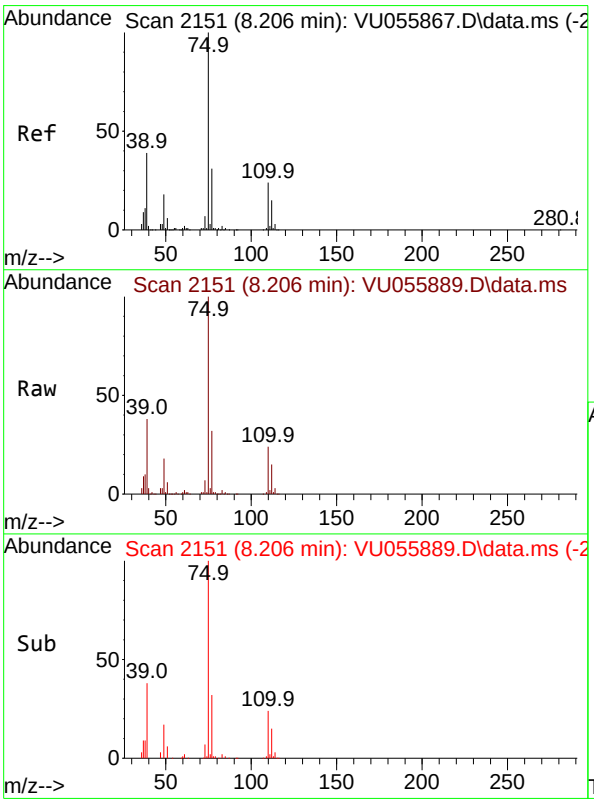
#42
Toluene
Concen: 49.490 ug/L
RT: 7.965 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 91 Resp: 971231

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.0	74.4

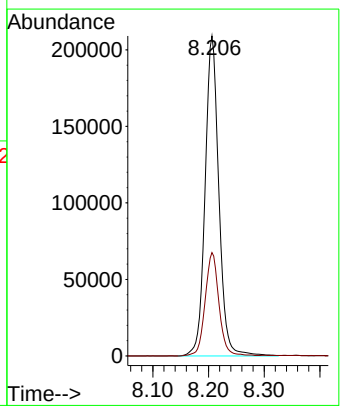


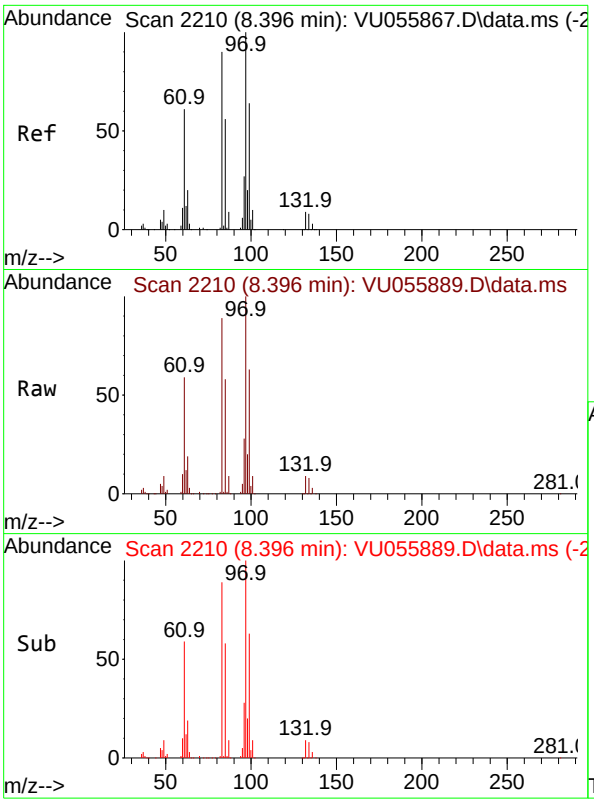


#44
trans-1,3-Dichloropropene
Concen: 48.281 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 75 Resp: 359930

Ion	Ratio	Lower	Upper
75	100		
77	32.3	21.6	40.2



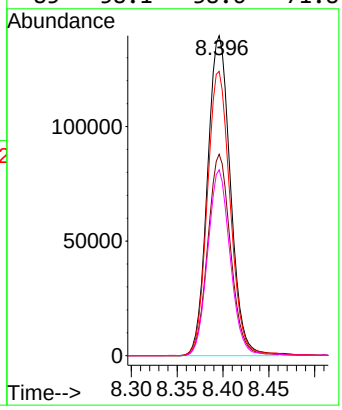


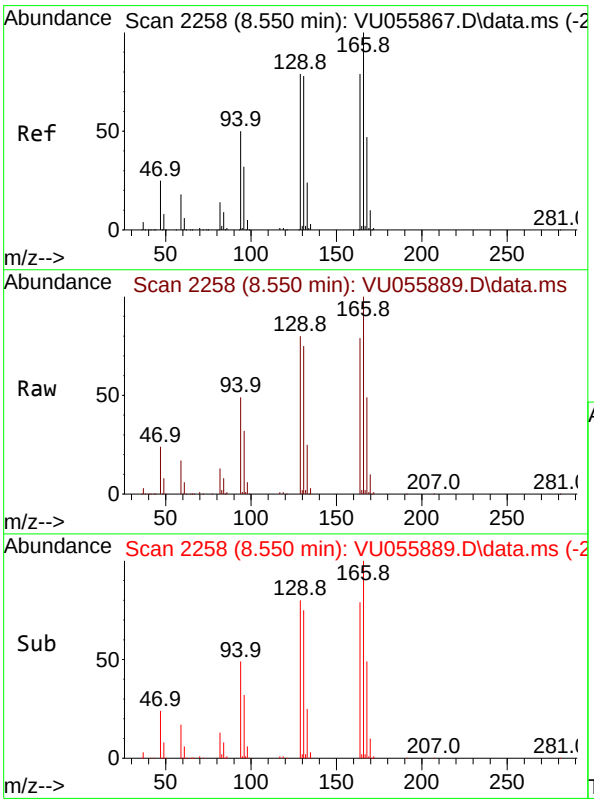
#45
1,1,2-Trichloroethane
Concen: 48.166 ug/L
RT: 8.396 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 97 Resp: 243236

Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.4	82.5
83	88.9	60.4	112.2
85	58.1	38.6	71.8

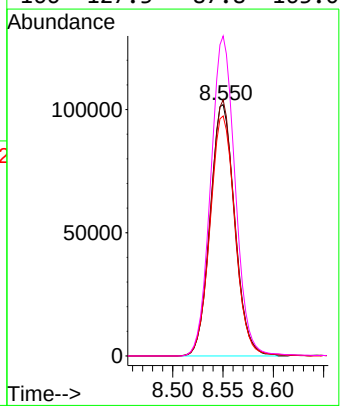


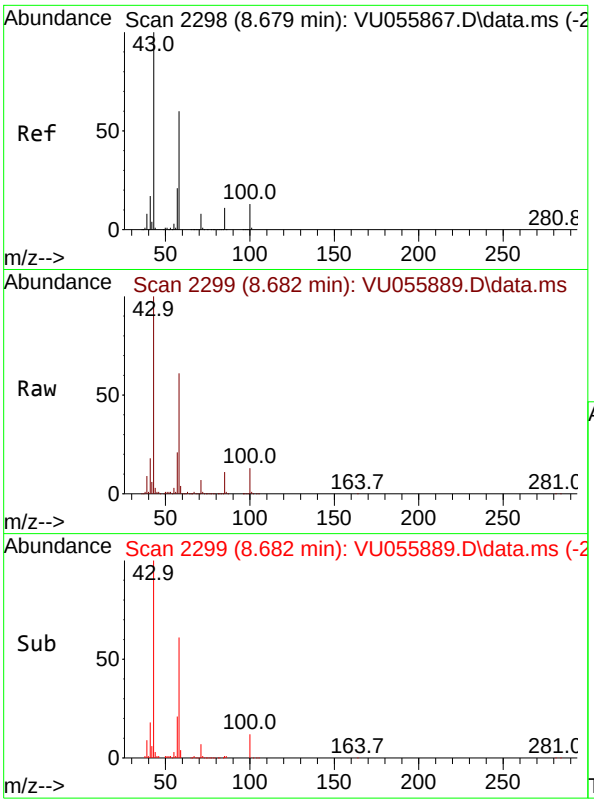


#46
Tetrachloroethene
Concen: 47.592 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:164 Resp: 173400

Ion	Ratio	Lower	Upper
164	100		
129	101.9	70.7	131.3
131	95.5	65.9	122.5
166	127.3	87.8	163.0



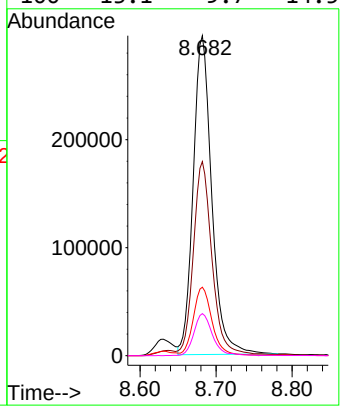


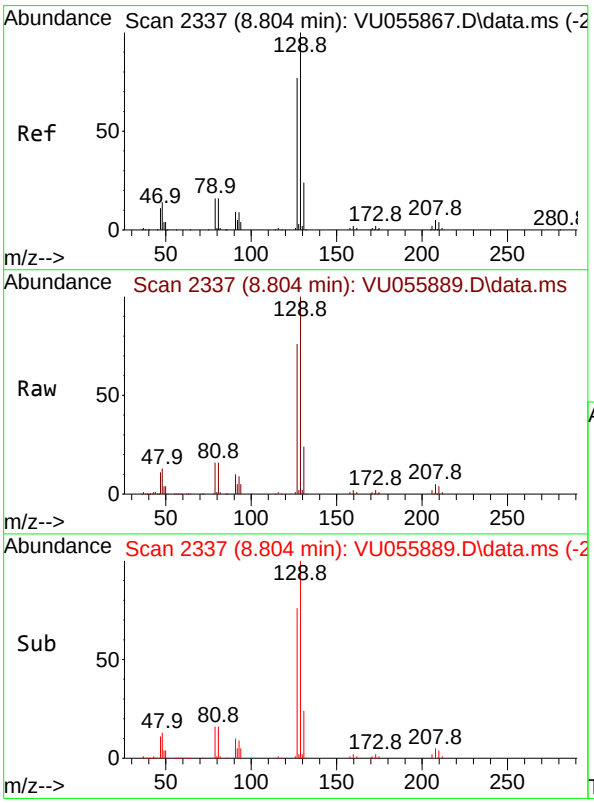
#48
2-Hexanone
Concen: 83.382 ug/L
RT: 8.682 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 43 Resp: 501795

Ion	Ratio	Lower	Upper
43	100		
58	59.7	45.2	67.8
57	21.9	16.1	24.1
100	13.1	9.7	14.5

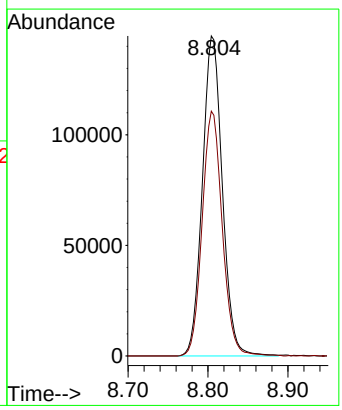


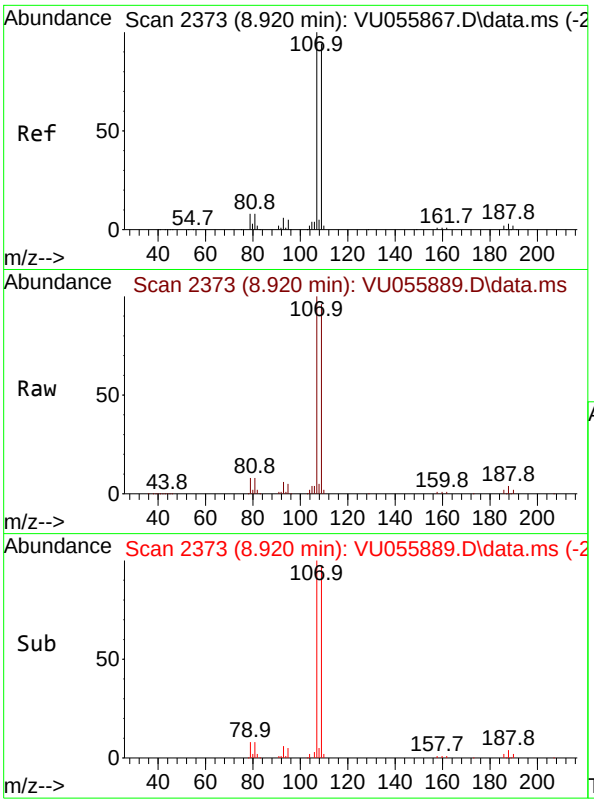


#49
Dibromochloromethane
Concen: 48.739 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:129 Resp: 251487

Ion	Ratio	Lower	Upper
129	100		
127	76.5	54.0	100.4



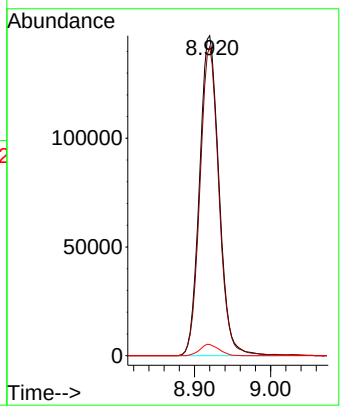


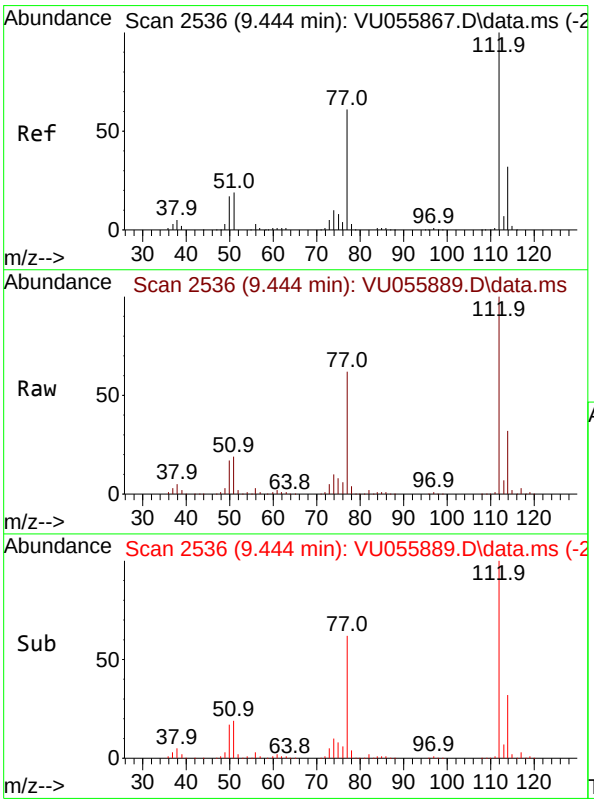
#50
1,2-Dibromoethane
Concen: 48.249 ug/L
RT: 8.920 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion:107 Resp: 261708

Ion	Ratio	Lower	Upper
107	100		
109	96.5	66.7	123.9
188	3.6	2.6	4.0

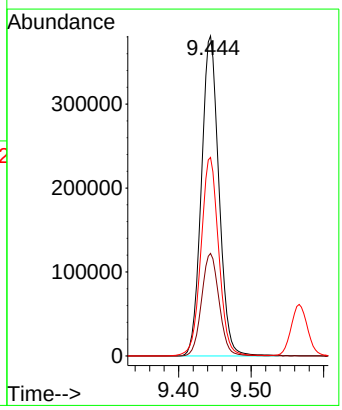


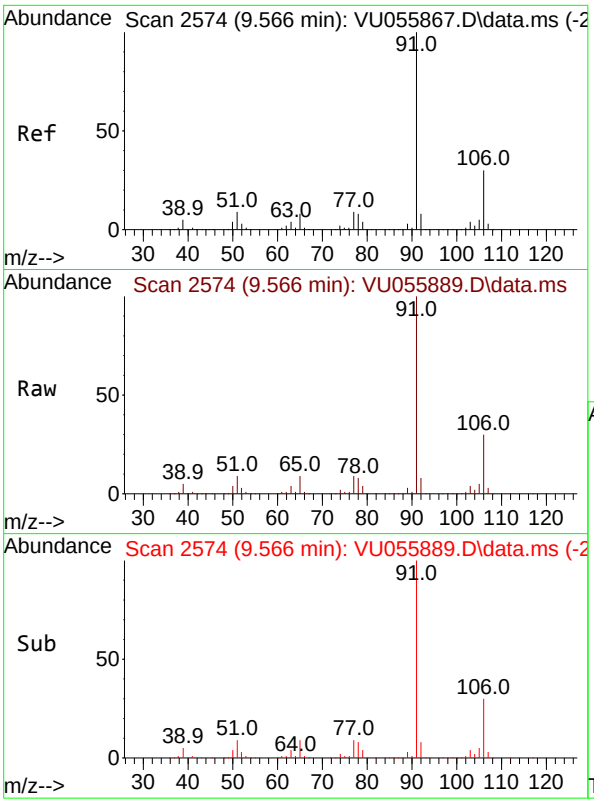


#51
Chlorobenzene
Concen: 50.286 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:112 Resp: 638500

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	40.8
77	62.0	49.0	73.6



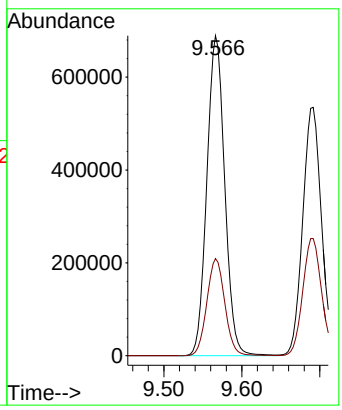


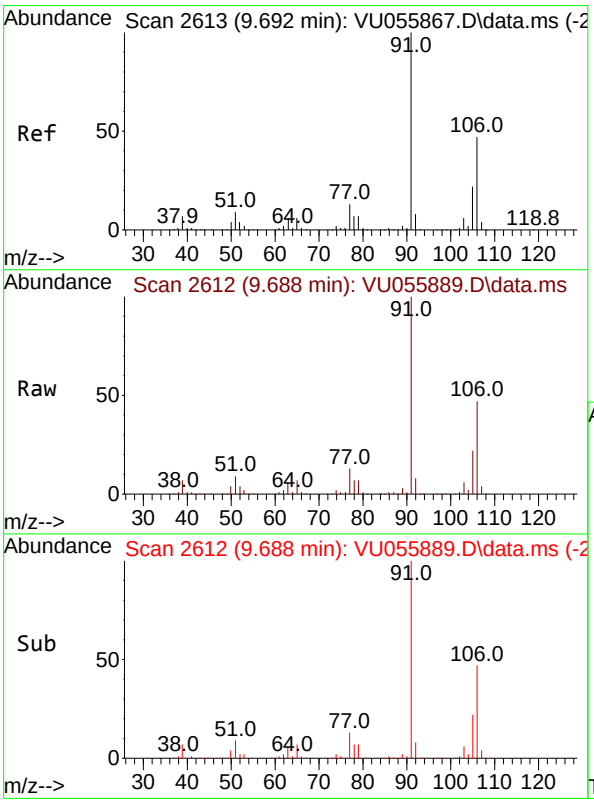
#52
Ethylbenzene
Concen: 51.190 ug/L
RT: 9.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 91 Resp: 1098311

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.2	39.4

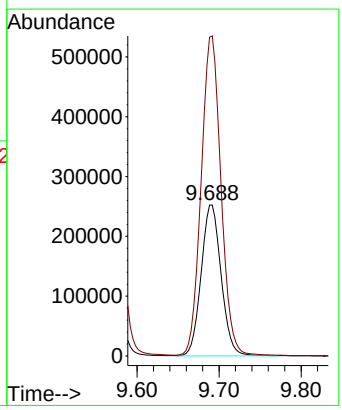


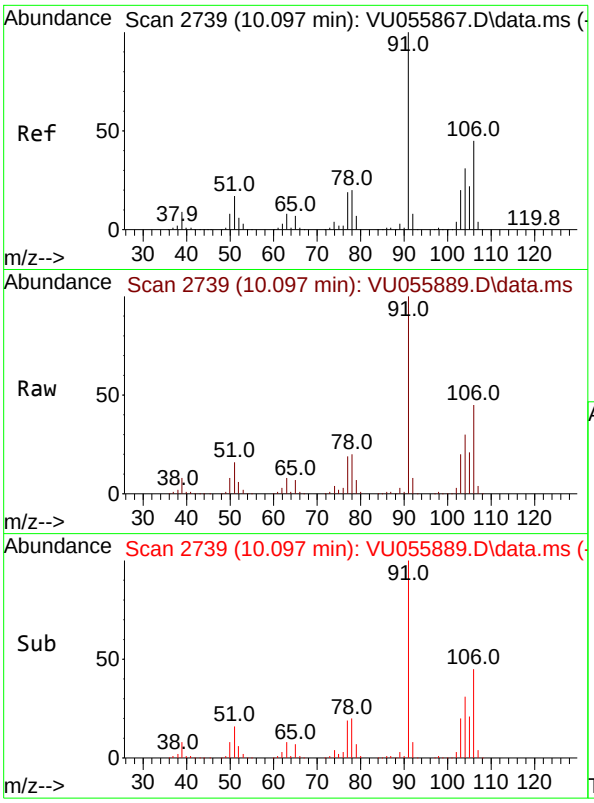


#53
m,p-Xylene
Concen: 53.081 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:106 Resp: 426669

Ion	Ratio	Lower	Upper
106	100		
91	211.1	143.8	267.0



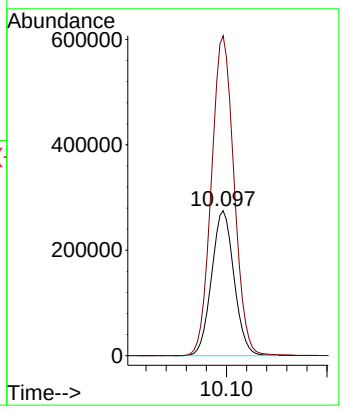


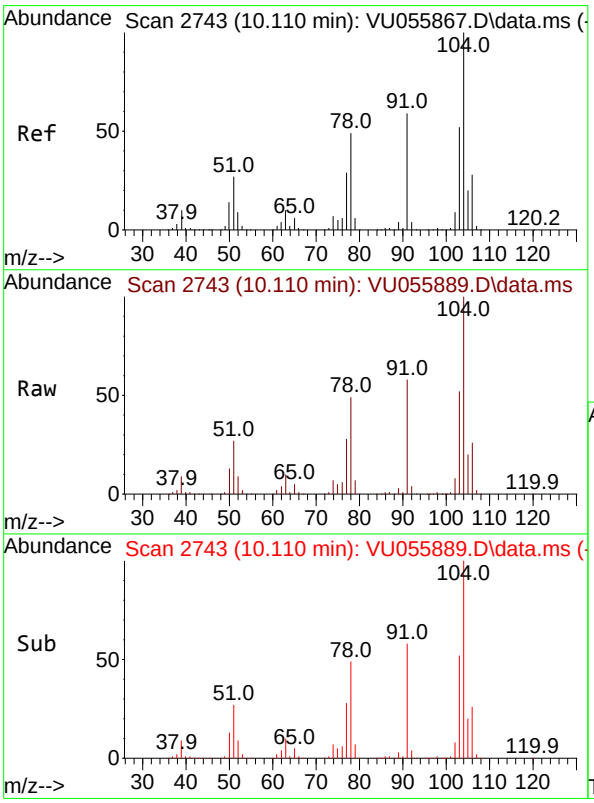
#54
o-Xylene
Concen: 54.850 ug/L
RT: 10.097 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion:106 Resp: 426639

Ion	Ratio	Lower	Upper
106	100		
91	220.6	151.8	282.0

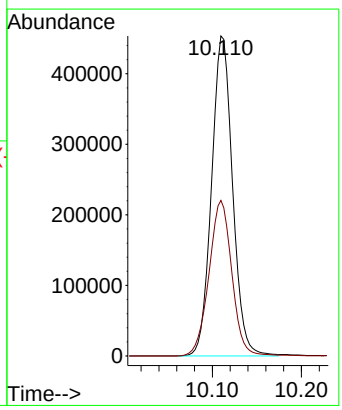


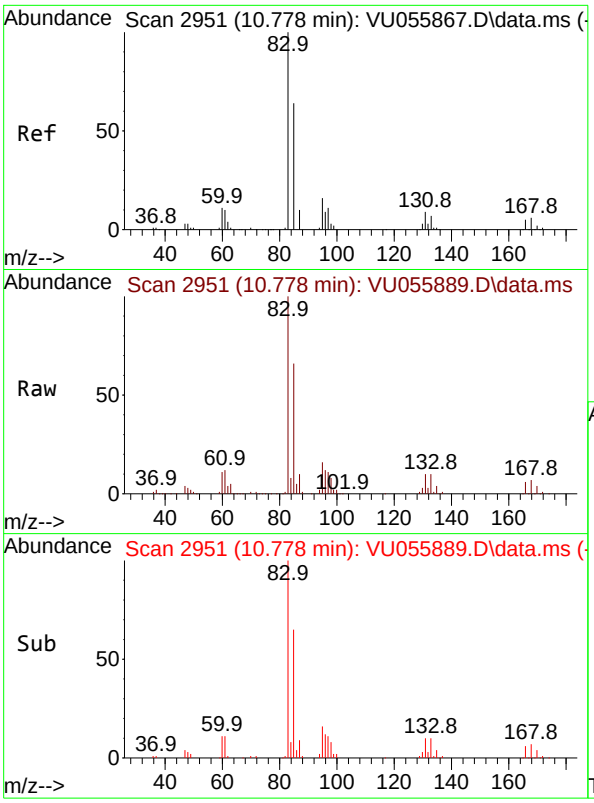


#55
Styrene
Concen: 56.502 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:104 Resp: 744521

Ion	Ratio	Lower	Upper
104	100		
78	48.6	33.6	62.4



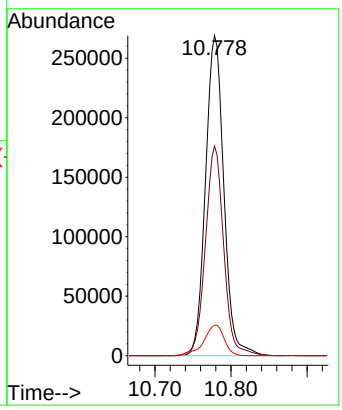


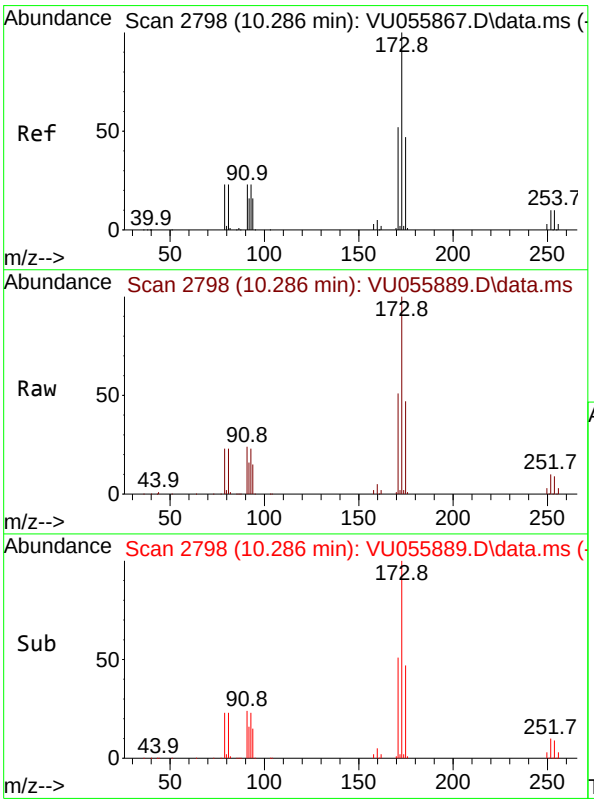
#57
1,1,2,2-Tetrachloroethane
Concen: 52.100 ug/L
RT: 10.778 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 83 Resp: 450507

Ion	Ratio	Lower	Upper
83	100		
85	65.5	44.9	83.5
131	9.5	7.3	10.9

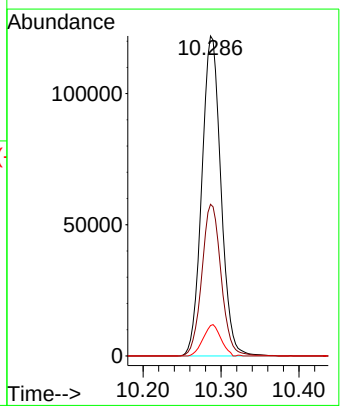


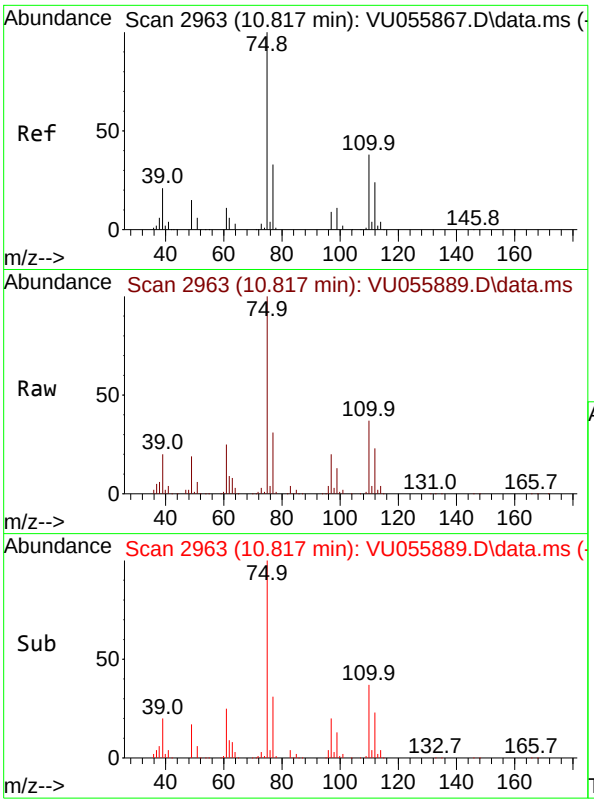


#59
Bromoform
Concen: 50.919 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:173 Resp: 207531

Ion	Ratio	Lower	Upper
173	100		
175	47.8	40.4	60.6
254	9.1	7.3	10.9



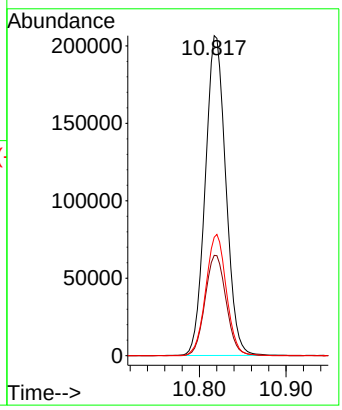


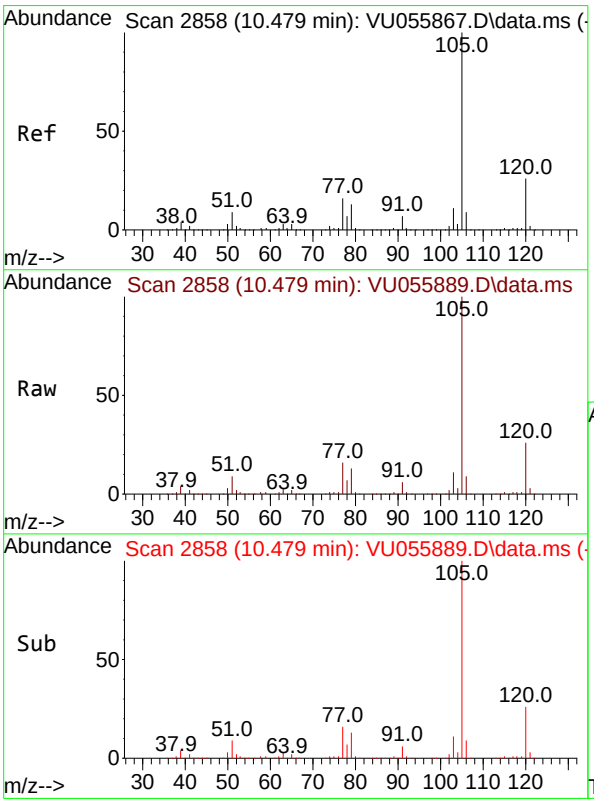
#60
1,2,3-Trichloropropane
Concen: 47.255 ug/L
RT: 10.817 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion: 75 Resp: 339554

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.8
110	38.1	28.5	42.7

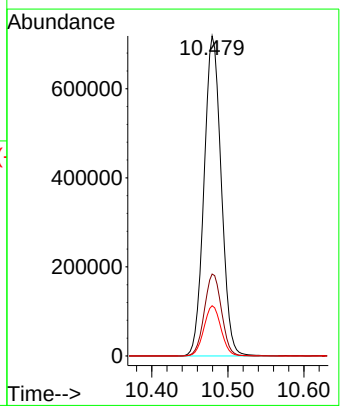


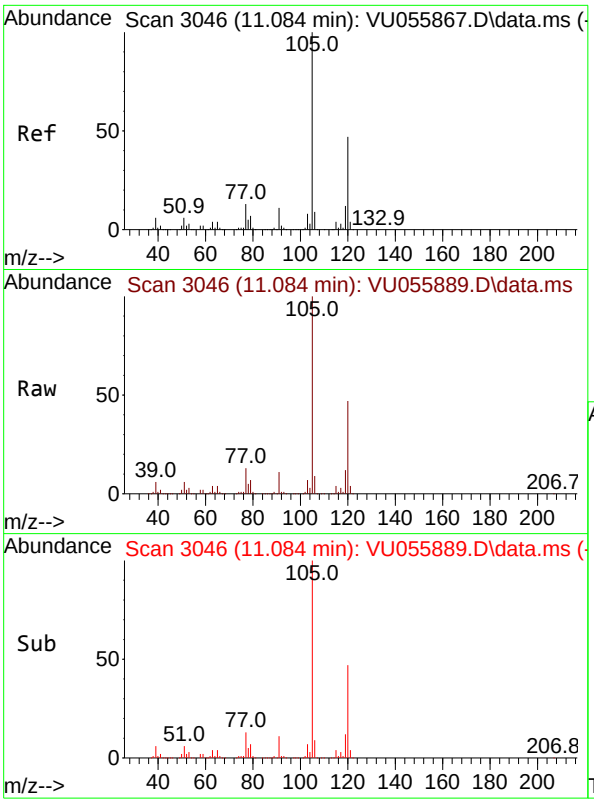


#61
Isopropylbenzene
Concen: 54.590 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:105 Resp: 1126755

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.6	30.8
77	15.6	13.4	20.0



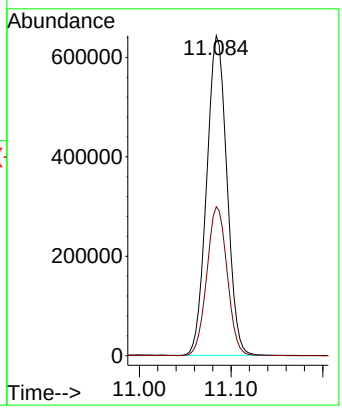


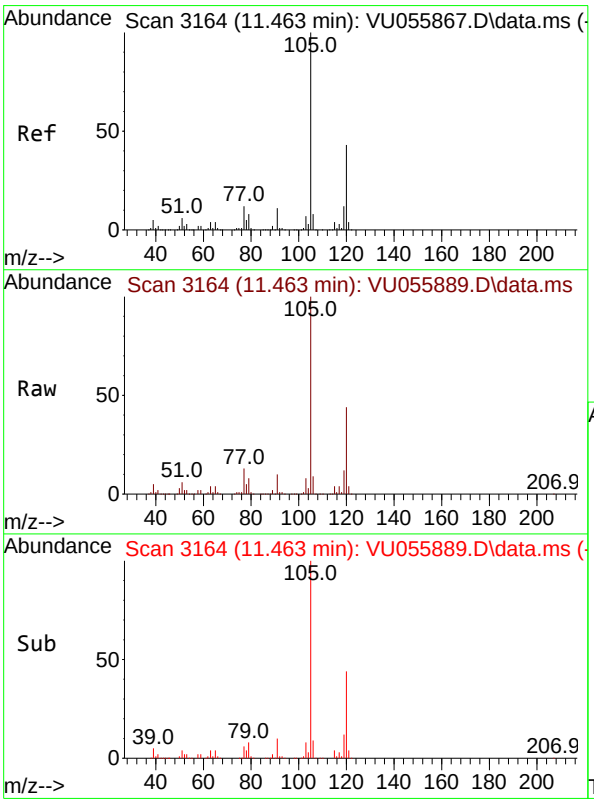
#62
1,3,5-Trimethylbenzene
Concen: 59.090 ug/L
RT: 11.084 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion:105 Resp: 986878

Ion	Ratio	Lower	Upper
105	100		
120	46.8	37.7	56.5

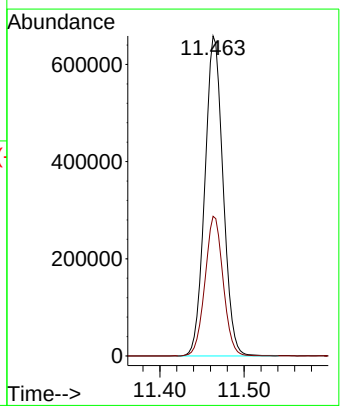


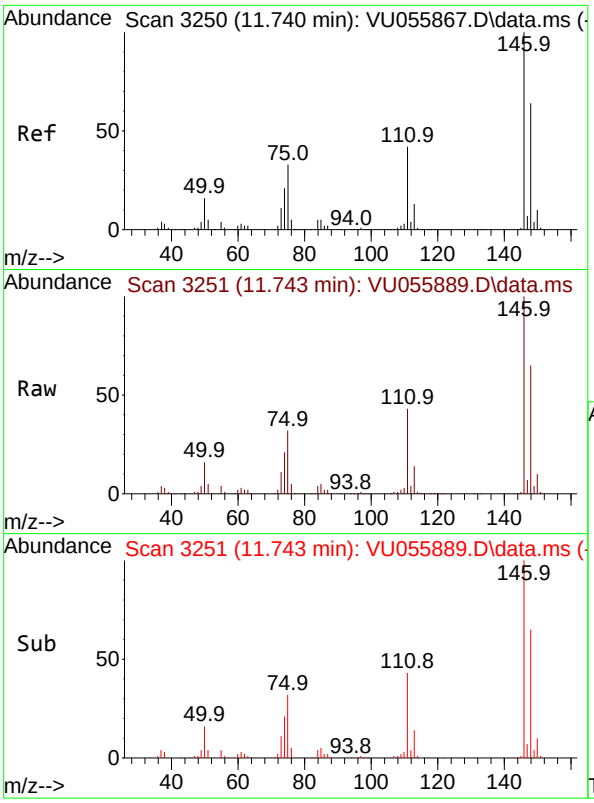


#63
1,2,4-Trimethylbenzene
Concen: 60.087 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:105 Resp: 992312

Ion	Ratio	Lower	Upper
105	100		
120	43.5	35.0	52.4



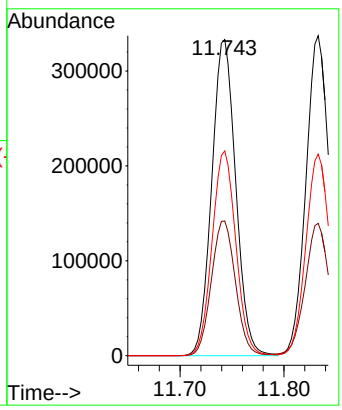


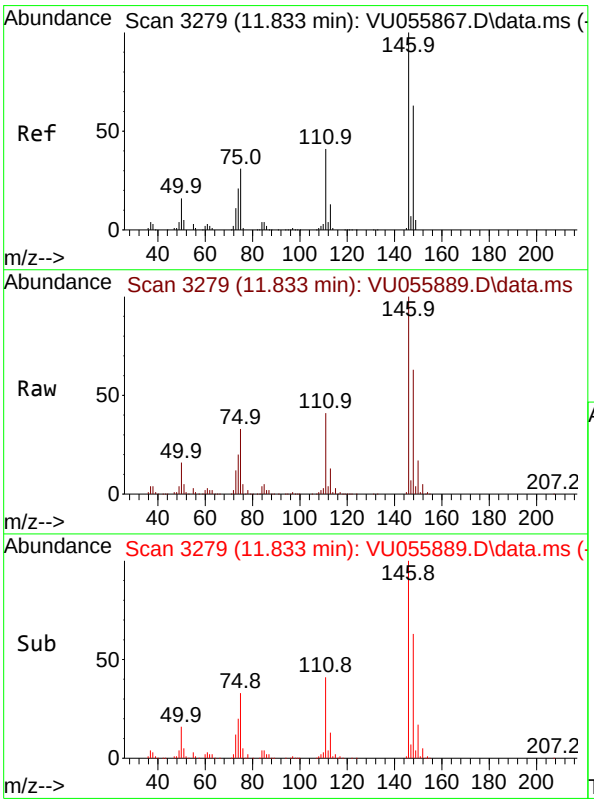
#64
1,3-Dichlorobenzene
Concen: 52.404 ug/L
RT: 11.743 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion:146 Resp: 534693

Ion	Ratio	Lower	Upper
146	100		
111	42.6	29.7	55.1
148	64.8	45.0	83.6

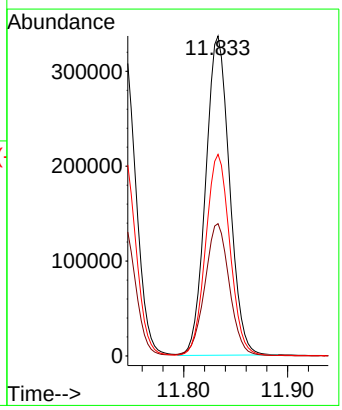


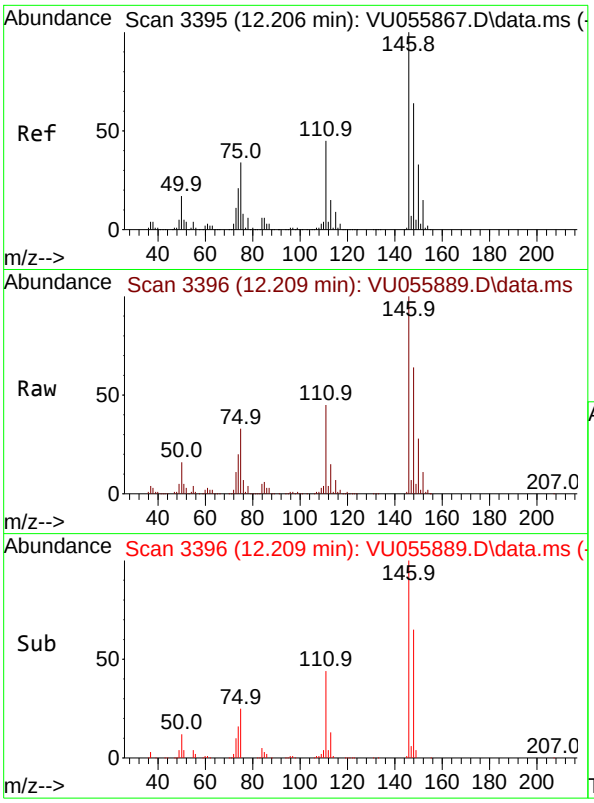


#65
1,4-Dichlorobenzene
Concen: 51.194 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:146 Resp: 537042

Ion	Ratio	Lower	Upper
146	100		
111	41.3	28.6	53.0
148	63.0	44.2	82.0



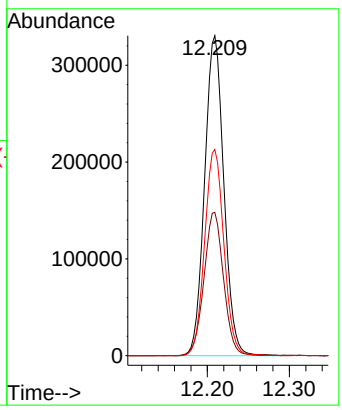


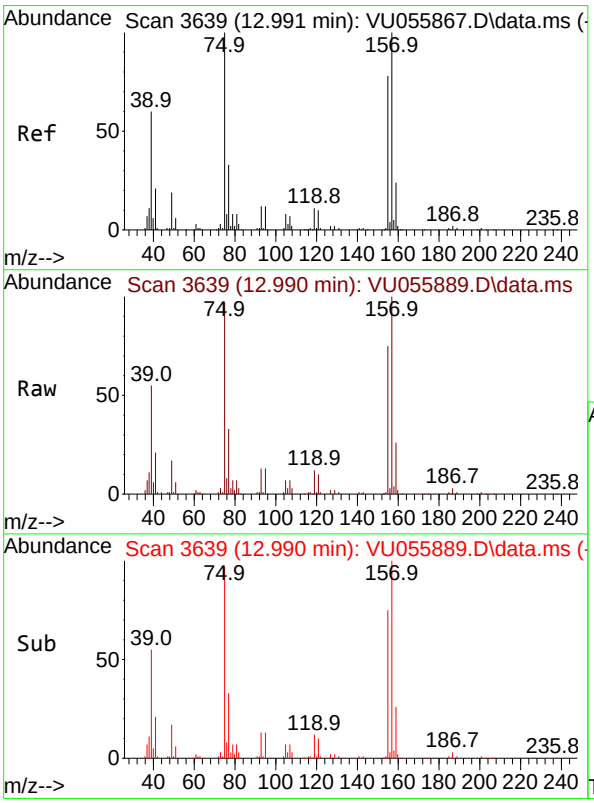
#67
1,2-Dichlorobenzene
Concen: 53.241 ug/L
RT: 12.209 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion:146 Resp: 539096

Ion	Ratio	Lower	Upper
146	100		
111	44.8	35.2	52.8
148	64.5	52.3	78.5

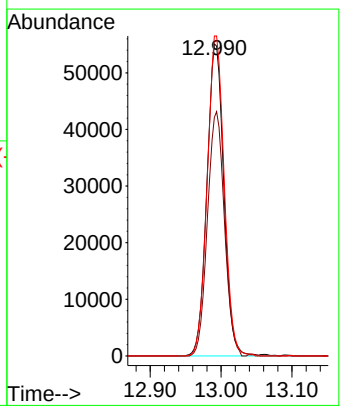


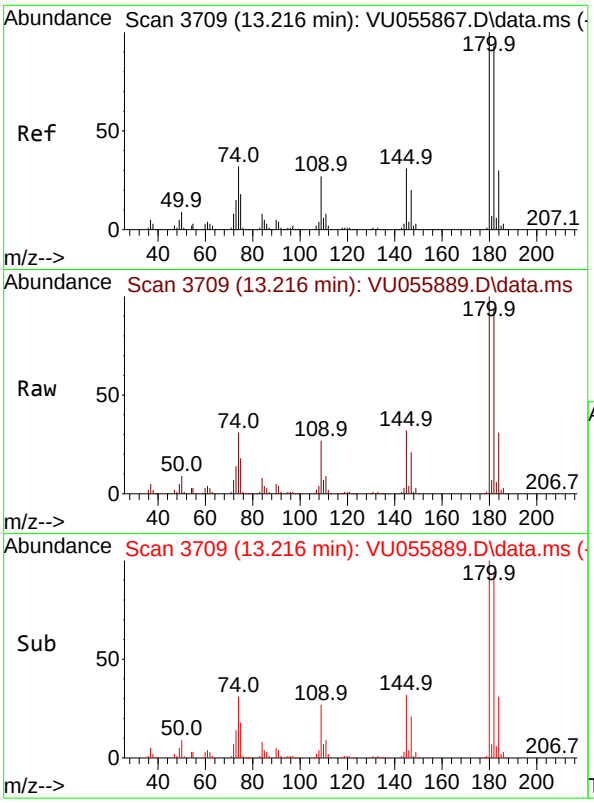


#68
1,2-Dibromo-3-chloropropane
Concen: 42.591 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion: 75 Resp: 91494

Ion	Ratio	Lower	Upper
75	100		
155	76.5	59.6	89.4
157	102.6	77.7	116.5



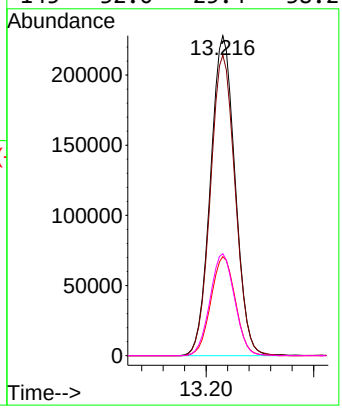


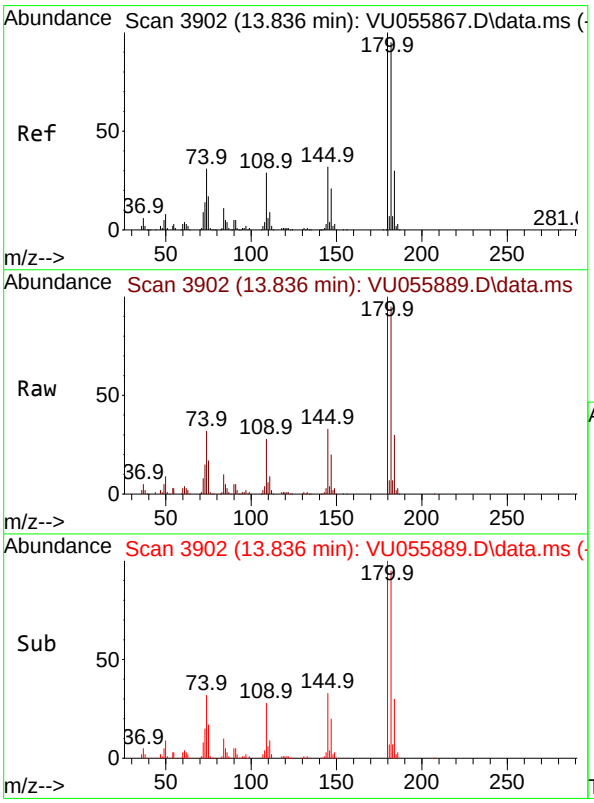
#69
1,3,5-Trichlorobenzene
Concen: 53.177 ug/L
RT: 13.216 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion:180 Resp: 361914

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.2
184	30.9	23.9	35.9
145	32.0	25.4	38.2

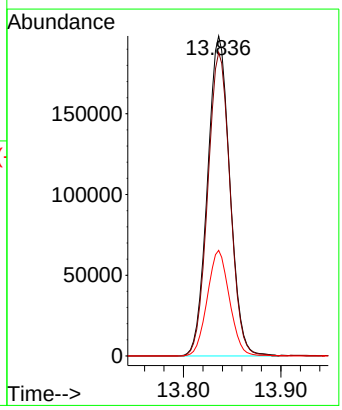


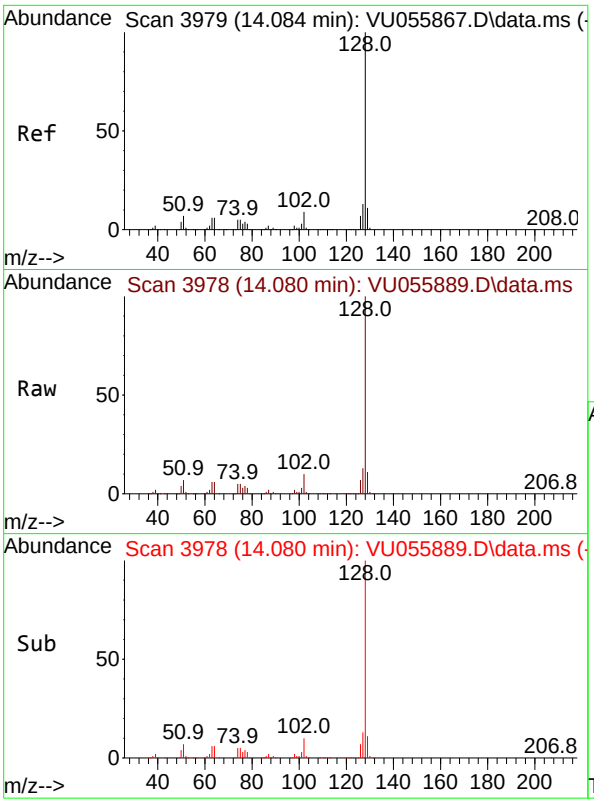


#70
1,2,4-trichlorobenzene
Concen: 55.816 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:180 Resp: 316417

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.4	113.2
145	32.7	26.1	39.1



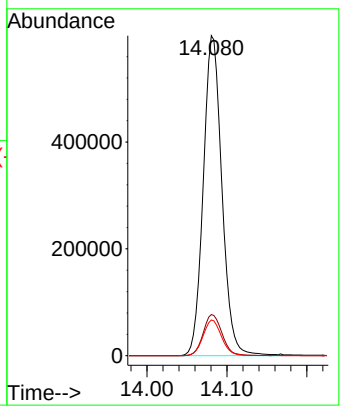


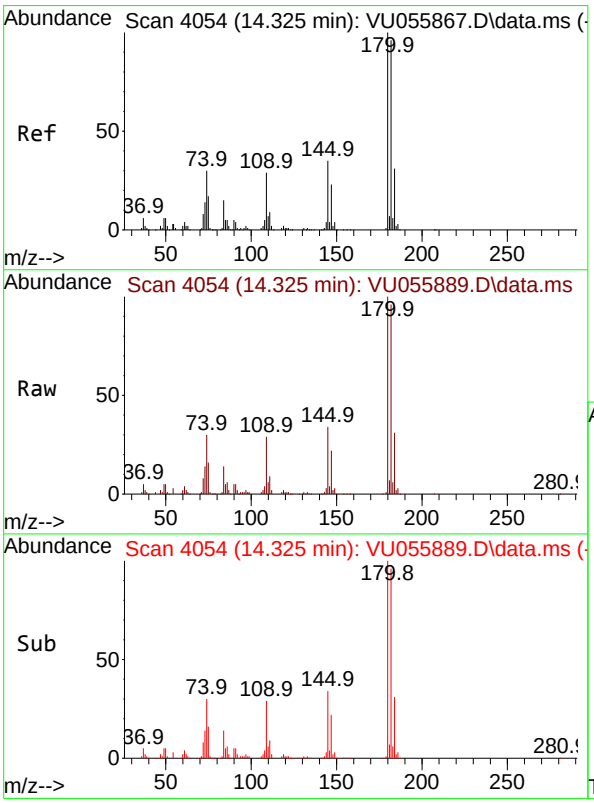
#71
Naphthalene
Concen: 57.718 ug/L
RT: 14.080 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :
EOAR8MSD

Tgt Ion:128 Resp: 971950

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.1	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 55.228 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU055889.D
Acq: 25 Oct 2023 19:10

Tgt Ion:180 Resp: 308683

Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.1	117.1
145	34.4	27.4	41.0