Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052521.D
Acq On : 23 Dec 2022 03:10
Operator : JC/MD
Sample : N6170-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Quant Time: Dec 23 06:45:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 23 06:08:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	221570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	201341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	105532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78858	3.513	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.200%			
7) Chloroethane-d5	1.916	69	75559	3.903	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.000%			
11) 1,1-Dichloroethene-d2	2.568	65	35518	3.677	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.600%			
20) 2-Butanone-d5	4.636	46	386447	55.516	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.040%			
24) Chloroform-d	5.060	84	159258	4.205	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.200%			
26) 1,2-Dichloroethane-d4	5.697	65	94869	4.318	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.400%			
32) Benzene-d6	5.726	84	327832	4.749	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%			
36) 1,2-Dichloropropane-d6	6.687	67	113243	4.766	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.400%			
41) Toluene-d8	7.893	98	284287	4.906	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.200%			
43) trans-1,3-Dichloroprop...	8.176	79	42542	5.228	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.600%			
46) 2-Hexanone-d5	8.629	63	293286	65.882	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 131.760%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105914	5.250	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.000%			
66) 1,2-Dichlorobenzene-d4	12.188	152	106021	4.935	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	84348	4.278	ug/L	99
3) Chloromethane	1.520	50	120938	4.250	ug/L	100
5) Vinyl chloride	1.604	62	114466	4.437	ug/L	99
6) Bromomethane	1.858	94	56552	3.845	ug/L	96
8) Chloroethane	1.935	64	71902	4.070	ug/L	98
9) Trichlorofluoromethane	2.141	101	126243	4.328	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	75417	4.350	ug/L	98
12) 1,1-Dichloroethene	2.581	96	79110	4.767	ug/L	91
13) Acetone	2.652	43	258462	50.367	ug/L	98
14) Carbon disulfide	2.793	76	240157	4.492	ug/L	100
15) Methyl Acetate	2.957	43	67803	5.998	ug/L	96
16) Methylene chloride	3.044	84	101903	4.347	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	238513	5.384	ug/L #	90
18) trans-1,2-Dichloroethene	3.353	96	98731	5.773	ug/L	98
19) 1,1-Dichloroethane	3.867	63	171261	4.605	ug/L	98
21) 2-Butanone	4.713	43	417309	55.217	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	256867	13.686	ug/L	99
23) Bromochloromethane	4.970	128	42376	4.872	ug/L	92
25) Chloroform	5.086	83	164978	4.578	ug/L	98

Quantitation Report (QT Reviewed)

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Operator : JC/MD
Sample : N6170-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Quant Time: Dec 23 06:45:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 23 06:08:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	117021	4.700	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	126281	4.983	ug/L	98
30) Cyclohexane	5.385	56	160769	5.871	ug/L	96
31) Carbon tetrachloride	5.523	117	103855	4.664	ug/L	98
33) Benzene	5.771	78	389940	5.377	ug/L	100
34) Trichloroethene	6.539	95	3858800	227.606	ug/L	99
35) Methylcyclohexane	6.761	83	139966	5.475	ug/L	95
37) 1,2-Dichloropropane	6.787	63	103064	5.093	ug/L	100
38) Bromodichloromethane	7.102	83	118661	4.818	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	138632	5.409	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	912549	61.708	ug/L	97
42) Toluene	7.967	91	387899	5.578	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	121915	5.398	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	76096	5.309	ug/L	98
47) Tetrachloroethene	8.552	164	2030194	171.552	ug/L	99
48) 2-Hexanone	8.681	43	667101	59.846	ug/L	99
49) Dibromochloromethane	8.806	129	79402	5.232	ug/L	99
50) 1,2-Dibromoethane	8.918	107	72157	5.538	ug/L	98
51) Chlorobenzene	9.443	112	230436	5.190	ug/L	99
52) Ethylbenzene	9.565	91	390610	5.428	ug/L	99
53) m,p-Xylene	9.690	106	151247	5.700	ug/L	96
54) o-Xylene	10.095	106	150742	5.926	ug/L	99
55) Styrene	10.111	104	247892	5.602	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	109827	5.543	ug/L	99
59) Bromoform	10.285	173	46051	4.967	ug/L	99
60) Isopropylbenzene	10.481	105	371639	5.433	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	80367	5.310	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	308087	5.461	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	316426	5.572	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	173153	5.102	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	175233	4.993	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	169667	5.060	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	19124	5.582	ug/L	91
69) 1,3,5-Trichlorobenzene	13.214	180	123966	4.961	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	113325	5.389	ug/L	98
71) Naphthalene	14.082	128	267752	6.293	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	112218	5.324	ug/L	99

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

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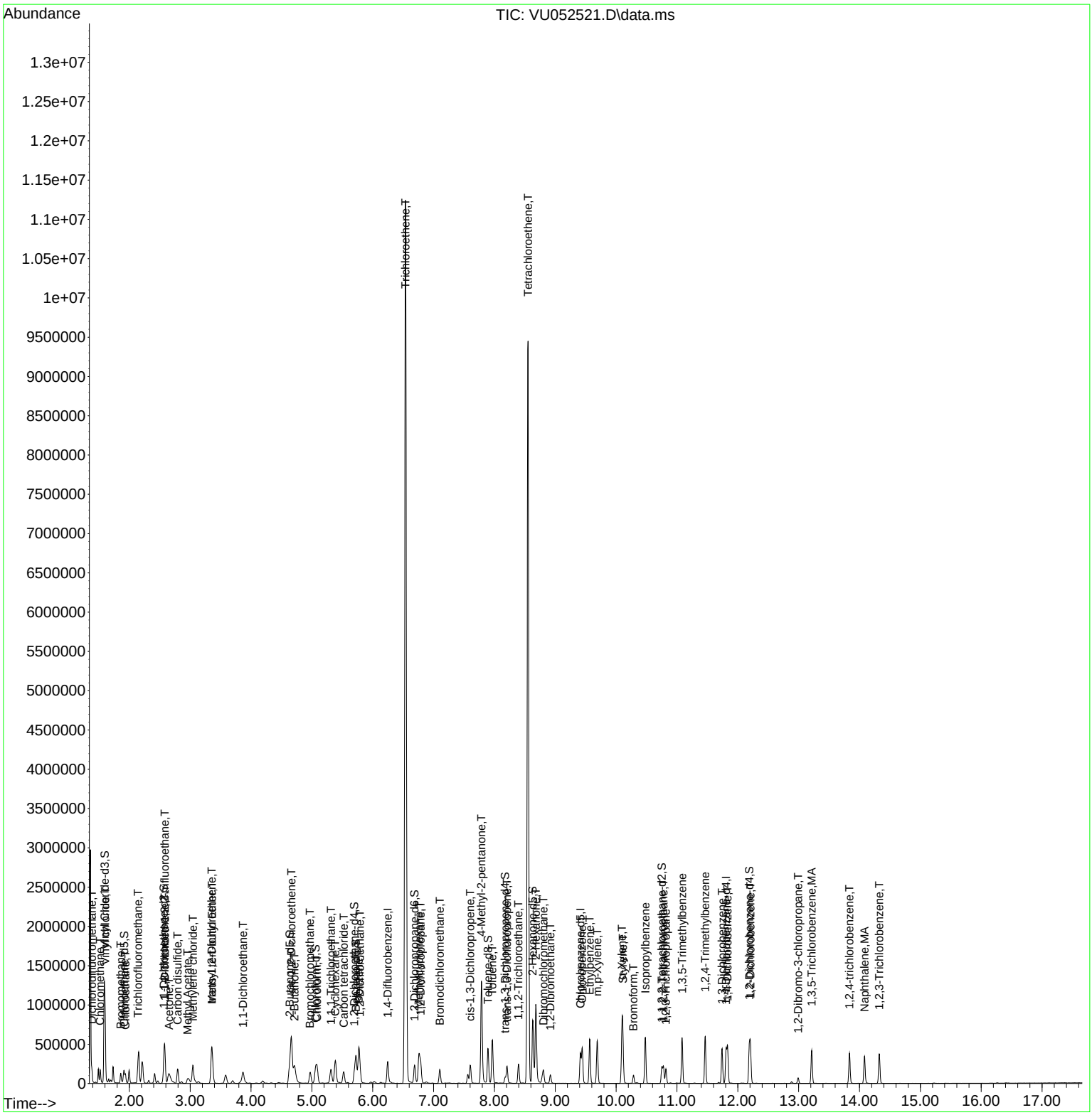
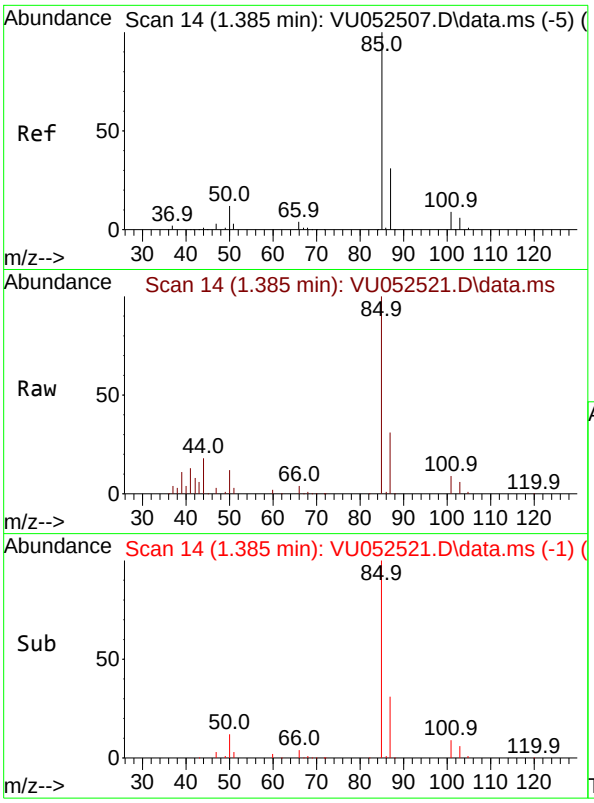


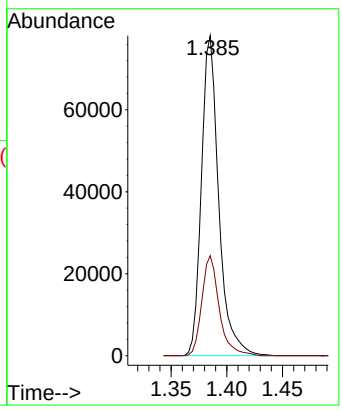


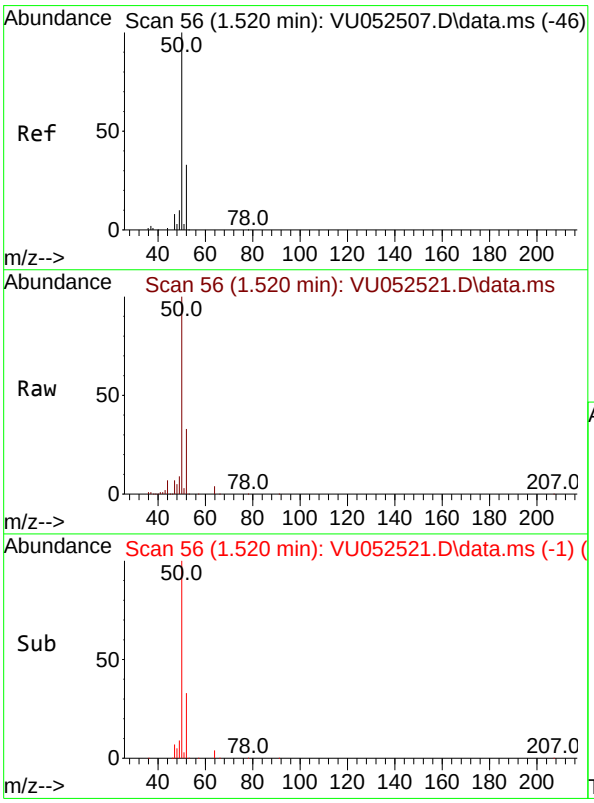
#2
Dichlorodifluoromethane
Concen: 4.278 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 85 Resp: 84348

Ion	Ratio	Lower	Upper
85	100		
87	31.3	25.6	38.4

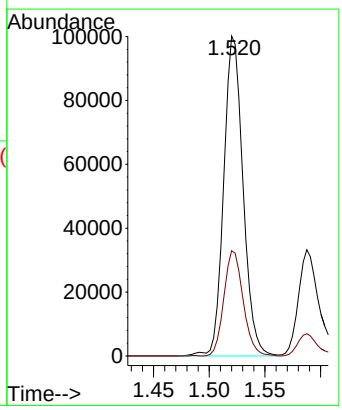


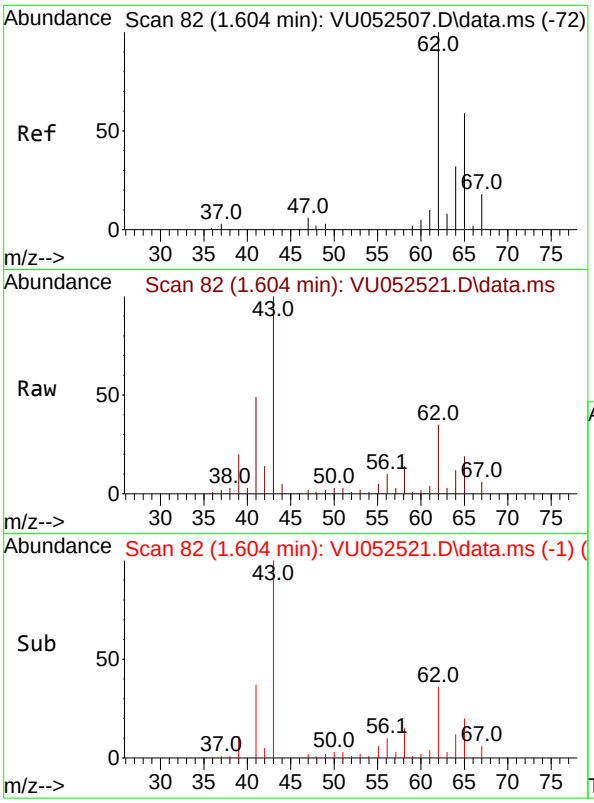


#3
Chloromethane
Concen: 4.250 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 50 Resp: 120938

Ion	Ratio	Lower	Upper
50	100		
52	32.9	23.0	42.6



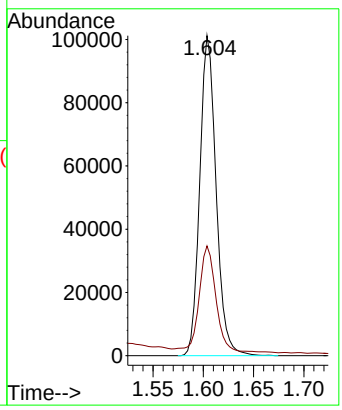


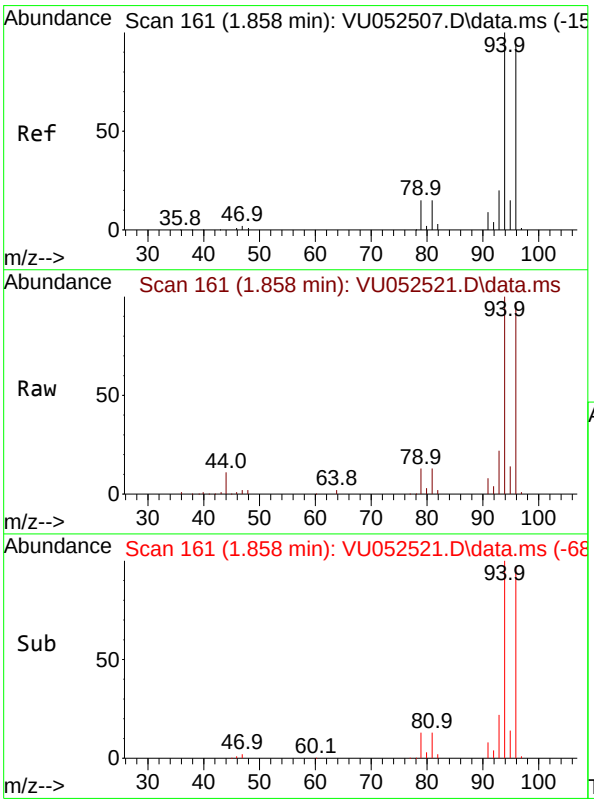
#5
Vinyl chloride
Concen: 4.437 ug/L
RT: 1.604 min Scan# 8
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 62 Resp: 114466

Ion	Ratio	Lower	Upper
62	100		
64	34.3	24.4	45.4

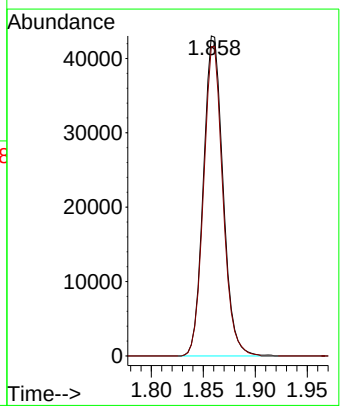


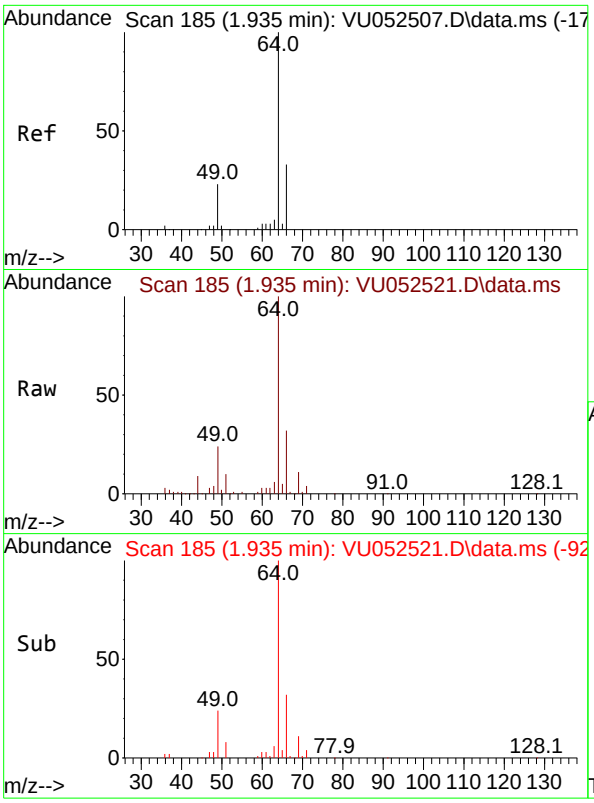


#6
Bromomethane
Concen: 3.845 ug/L
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 94 Resp: 56552

Ion	Ratio	Lower	Upper
94	100		
96	96.6	65.0	120.8



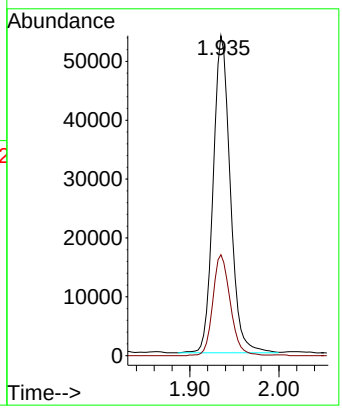


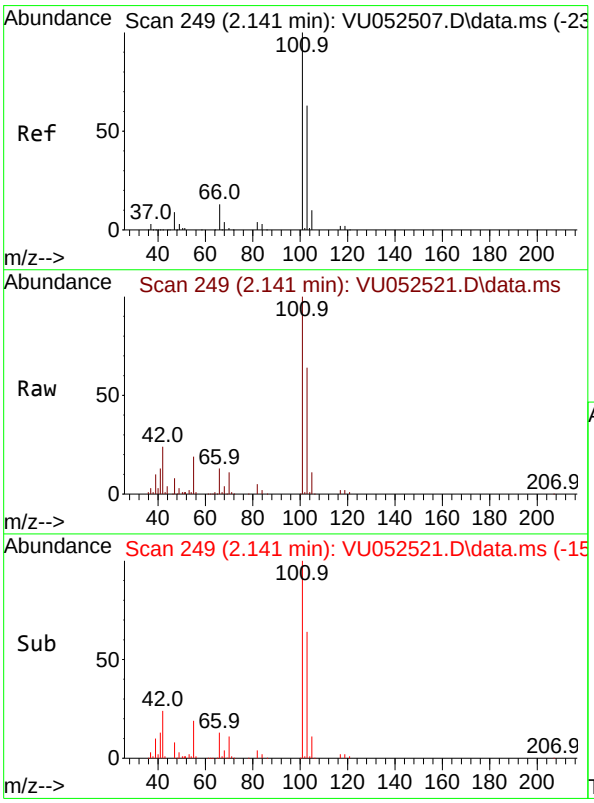
#8
Chloroethane
Concen: 4.070 ug/L
RT: 1.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 64 Resp: 71902

Ion	Ratio	Lower	Upper
64	100		
66	31.6	21.3	39.5

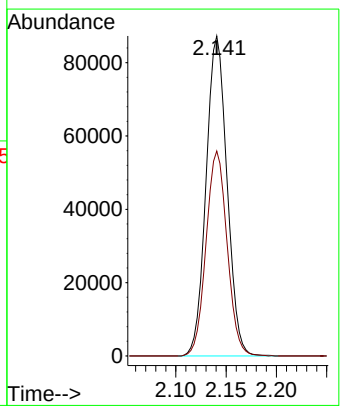


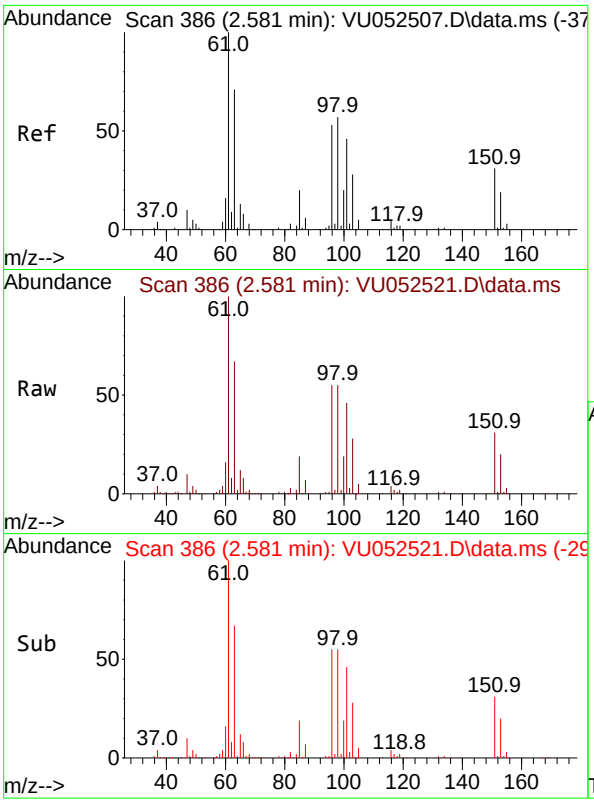


#9
Trichlorofluoromethane
Concen: 4.328 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:101 Resp: 126243

Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.0	78.0



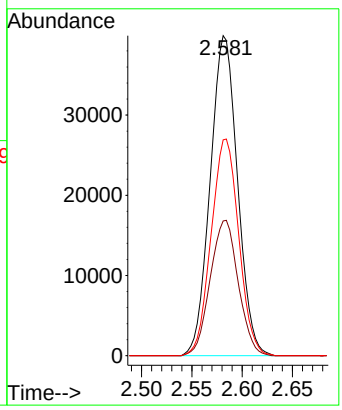


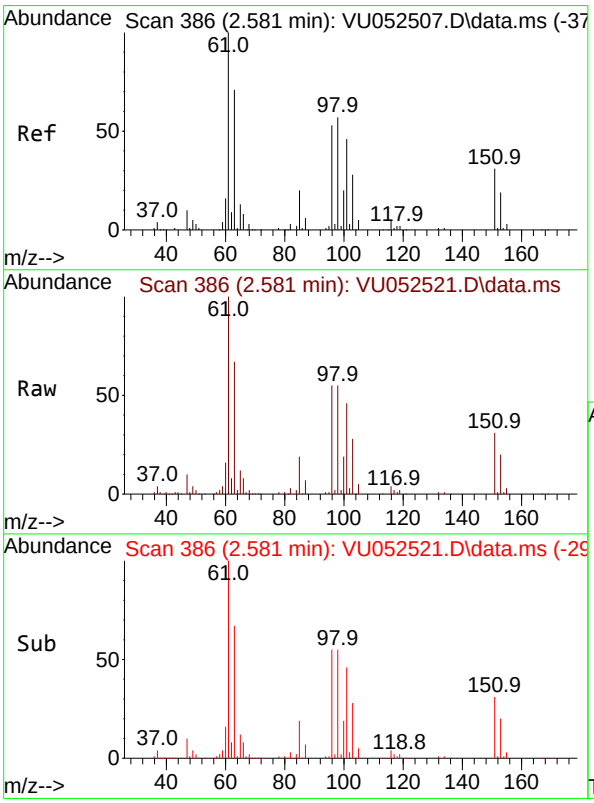
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.350 ug/L
RT: 2.581 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion:101 Resp: 75417

Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.8	53.6
151	68.4	53.6	80.4

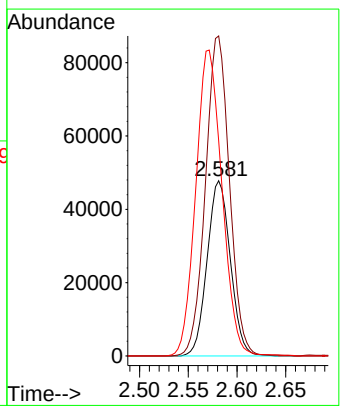


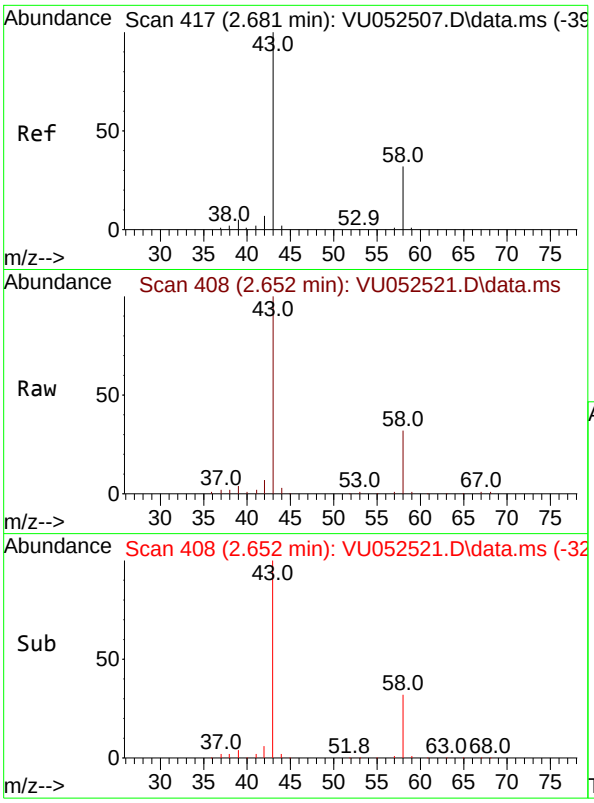


#12
1,1-Dichloroethene
Concen: 4.767 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 96 Resp: 79110

Ion	Ratio	Lower	Upper
96	100		
61	182.7	135.4	251.4
63	122.9	95.4	177.2



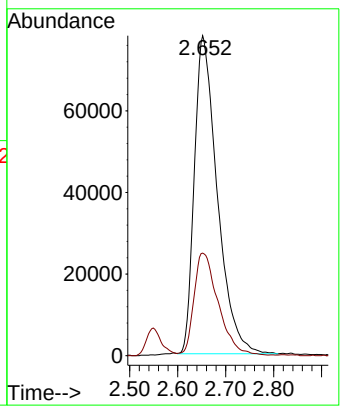


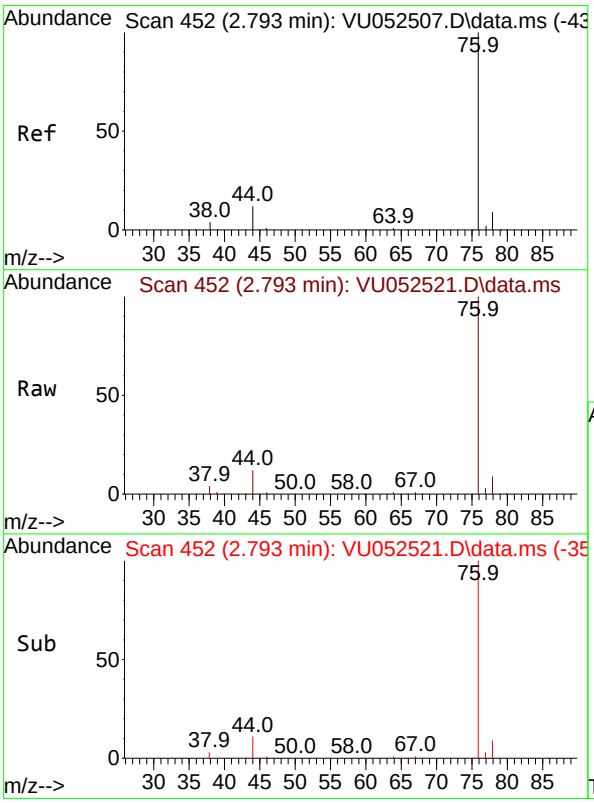
#13
Acetone
Concen: 50.367 ug/L
RT: 2.652 min Scan# 4(
Delta R.T. -0.029 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 43 Resp: 258462

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	65.4

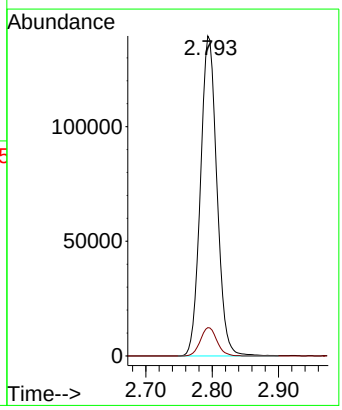


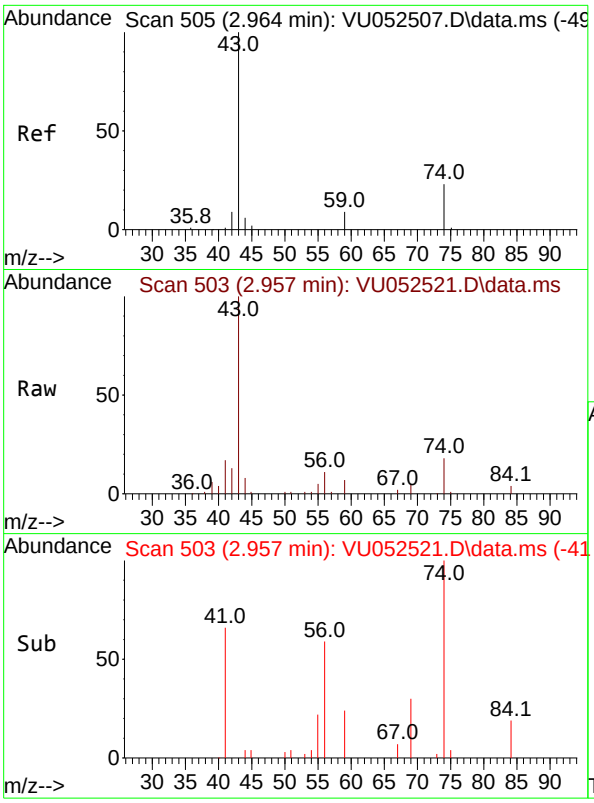


#14
Carbon disulfide
Concen: 4.492 ug/L
RT: 2.793 min Scan# 452
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 76 Resp: 240157

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7



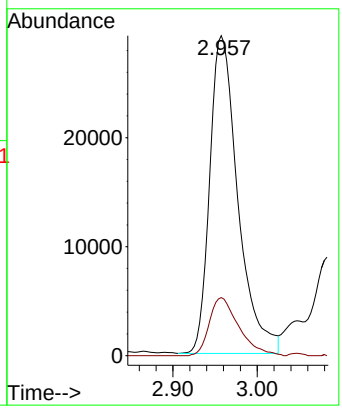


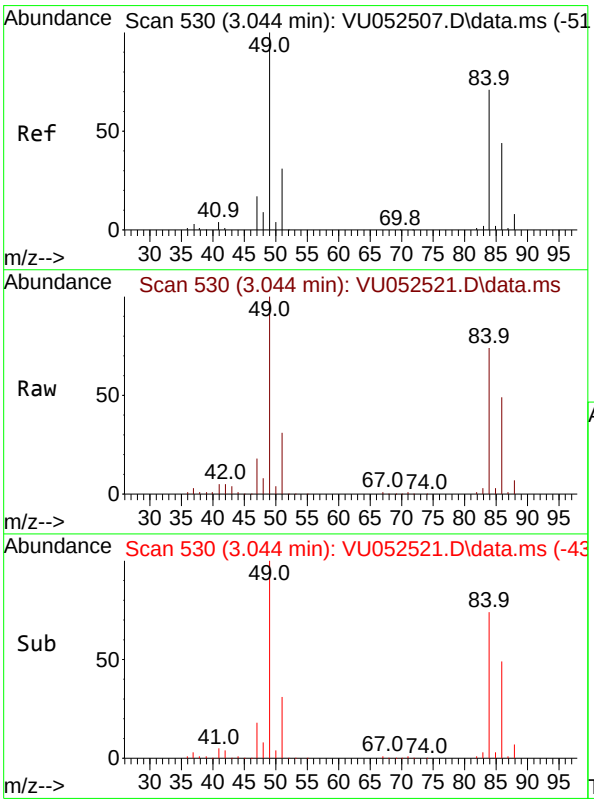
#15
Methyl Acetate
Concen: 5.998 ug/L
RT: 2.957 min Scan# 5(
Delta R.T. -0.006 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 43 Resp: 67803

Ion	Ratio	Lower	Upper
43	100		
74	19.1	16.9	25.3

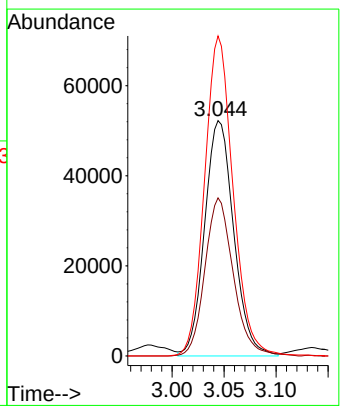


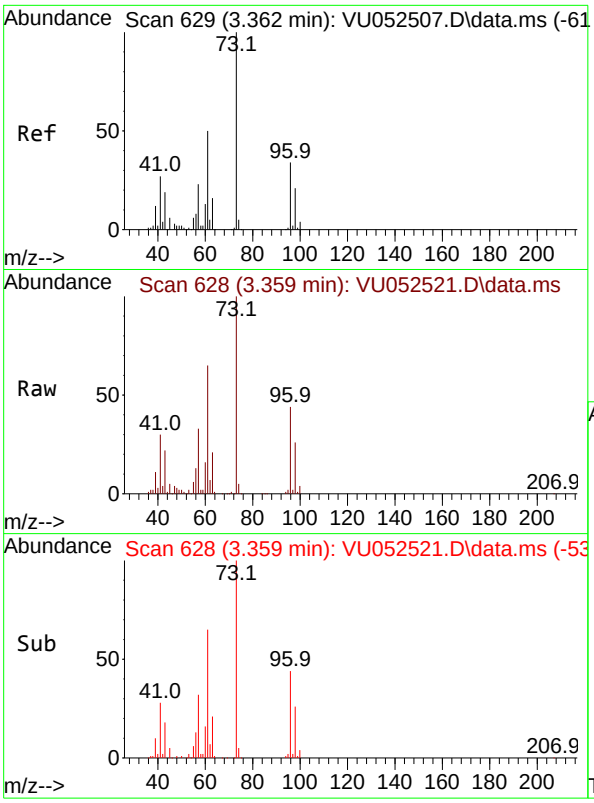


#16
Methylene chloride
Concen: 4.347 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 84 Resp: 101903

Ion	Ratio	Lower	Upper
84	100		
86	67.1	44.7	83.1
49	135.9	93.3	173.3



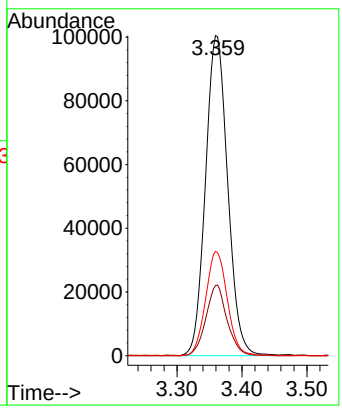


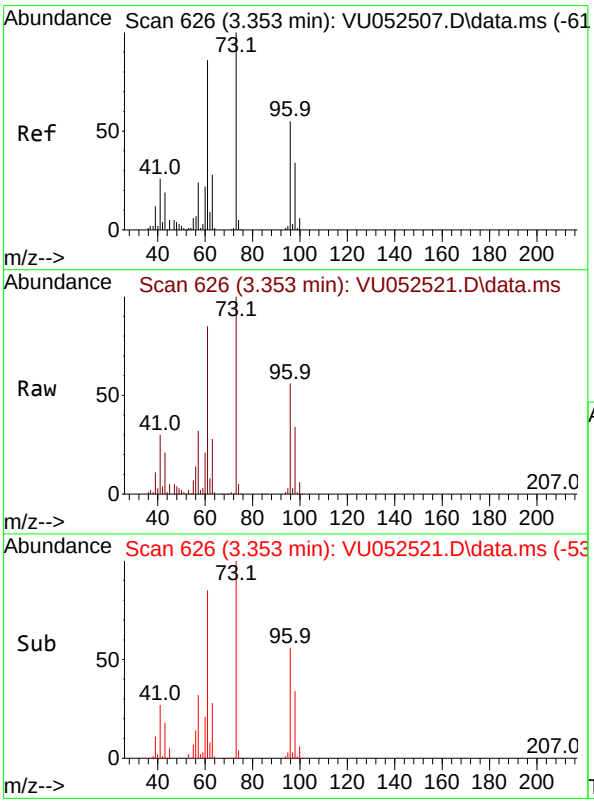
#17
Methyl tert-butyl Ether
Concen: 5.384 ug/L
RT: 3.359 min Scan# 6
Delta R.T. -0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 73 Resp: 238513

Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.1	24.1
57	31.8	19.2	28.8#

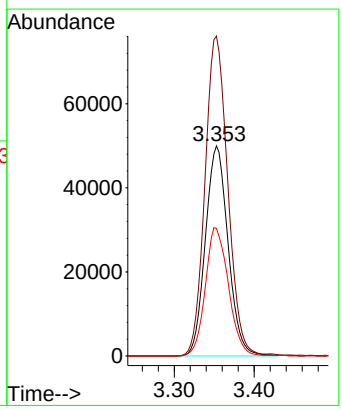


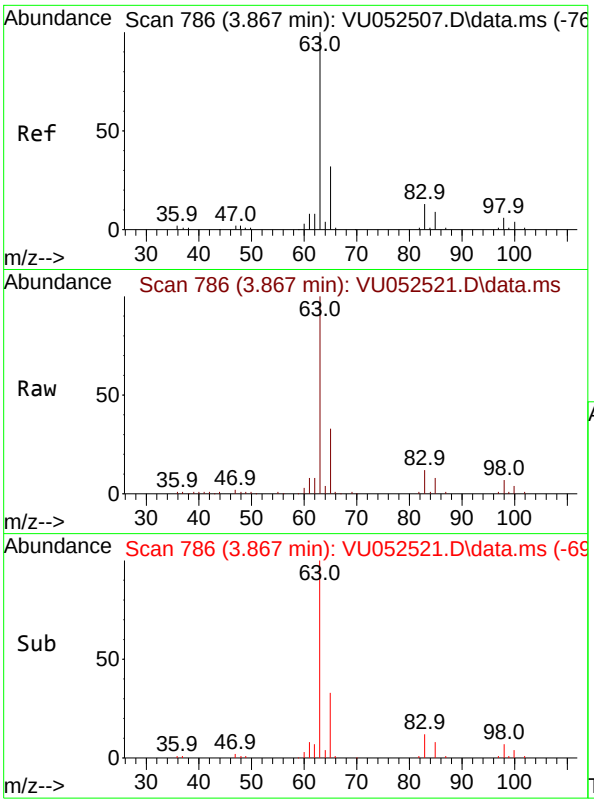


#18
trans-1,2-Dichloroethene
Concen: 5.773 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 96 Resp: 98731

Ion	Ratio	Lower	Upper
96	100		
61	152.3	108.3	201.1
98	60.7	44.0	81.6



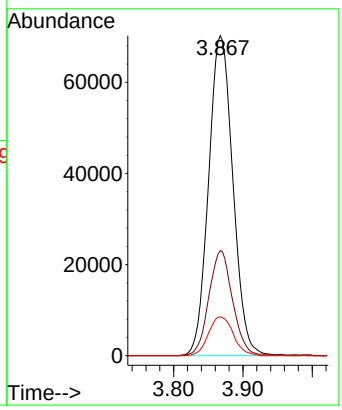


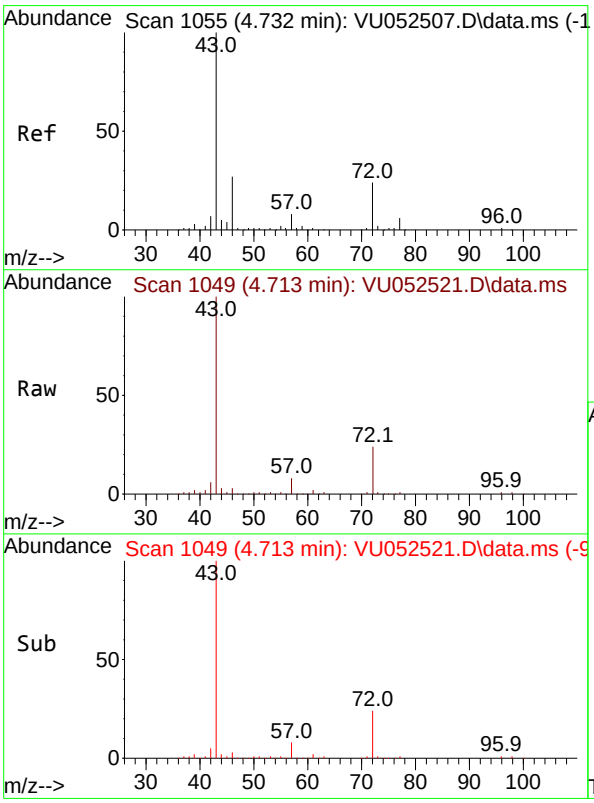
#19
1,1-Dichloroethane
Concen: 4.605 ug/L
RT: 3.867 min Scan# 7
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 63 Resp: 171261

Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.0	40.8
83	12.1	9.0	16.8

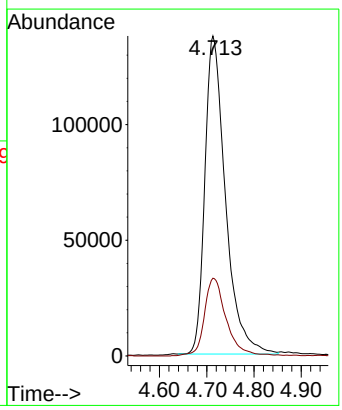


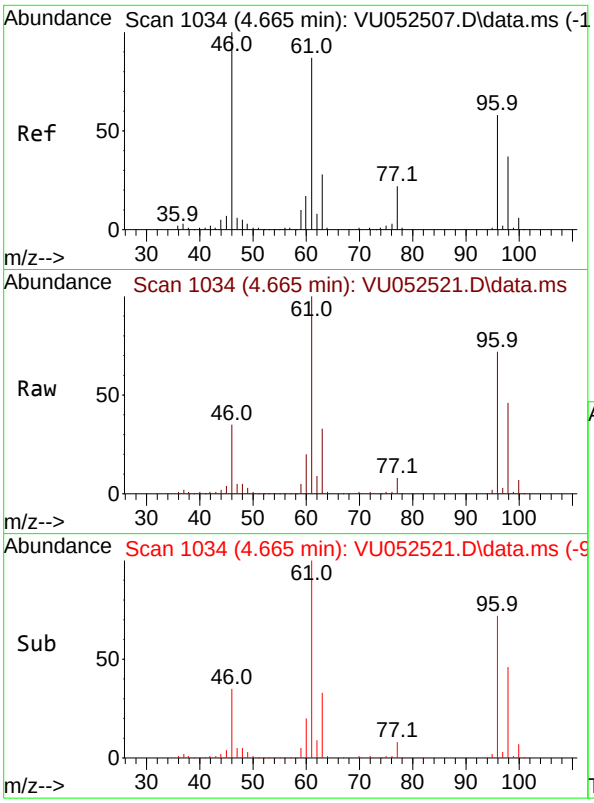


#21
2-Butanone
Concen: 55.217 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.019 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 43 Resp: 417309

Ion	Ratio	Lower	Upper
43	100		
72	25.6	11.6	34.7



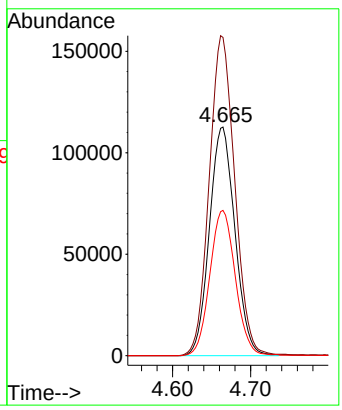


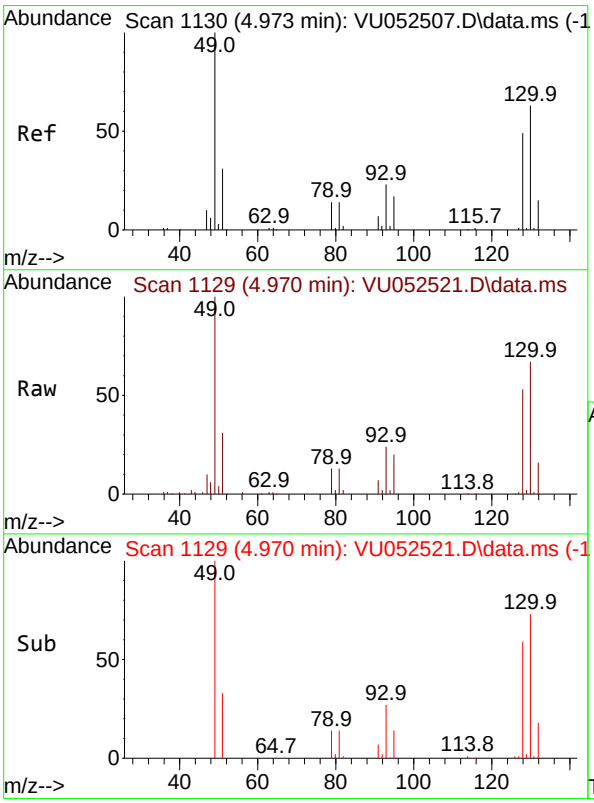
#22
cis-1,2-Dichloroethene
Concen: 13.686 ug/L
RT: 4.665 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 96 Resp: 256867

Ion	Ratio	Lower	Upper
96	100		
61	139.2	96.9	180.1
98	63.5	44.7	83.1

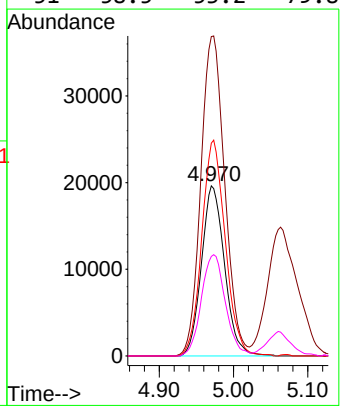


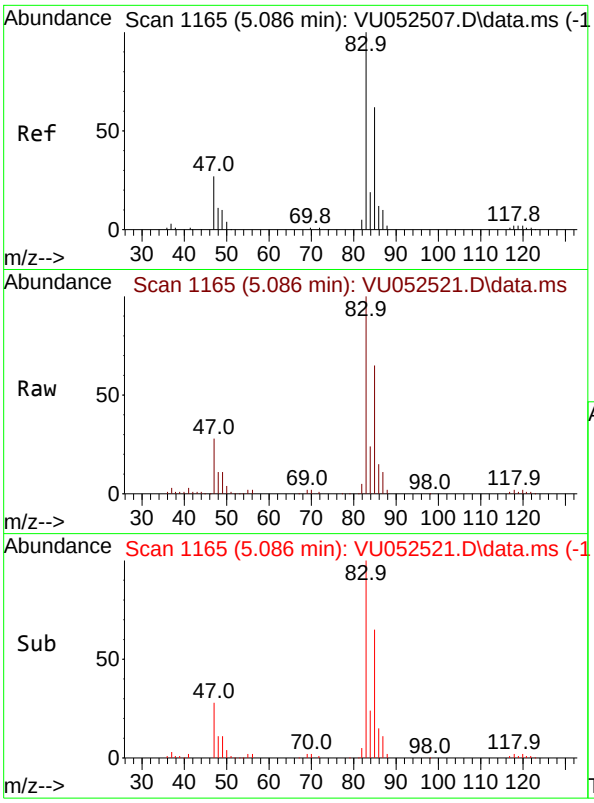


#23
Bromochloromethane
Concen: 4.872 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:128 Resp: 42376

Ion	Ratio	Lower	Upper
128	100		
49	187.7	143.3	266.1
130	125.1	88.4	164.2
51	58.5	53.2	79.8



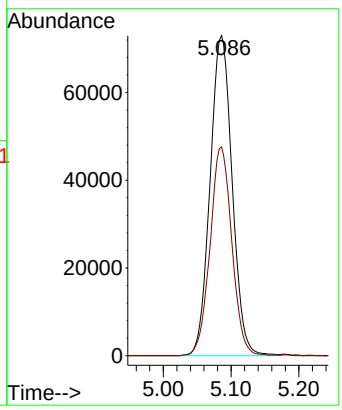


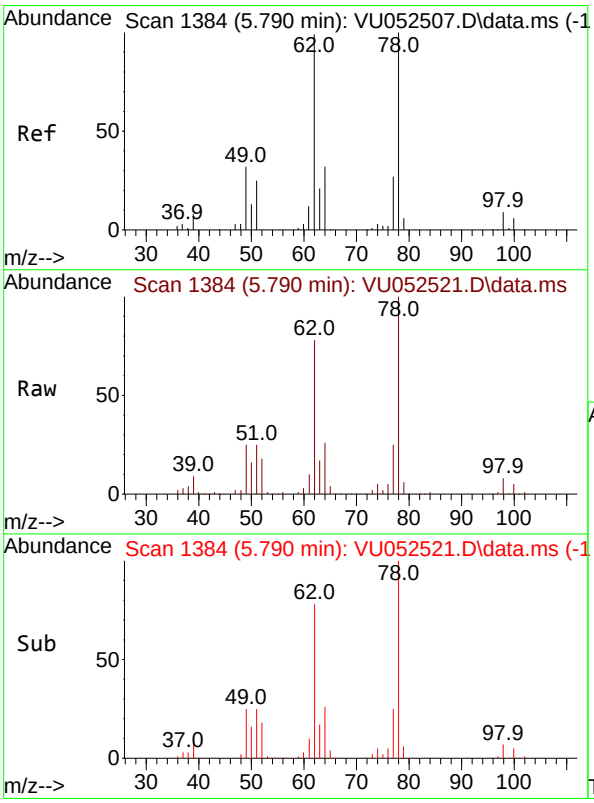
#25
Chloroform
Concen: 4.578 ug/L
RT: 5.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 83 Resp: 164978

Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.7	83.1

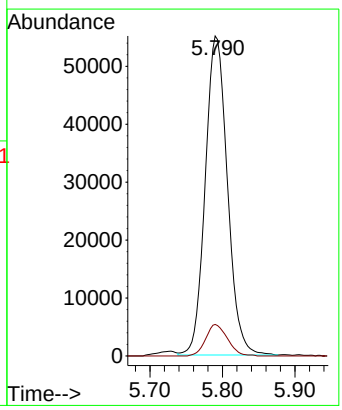


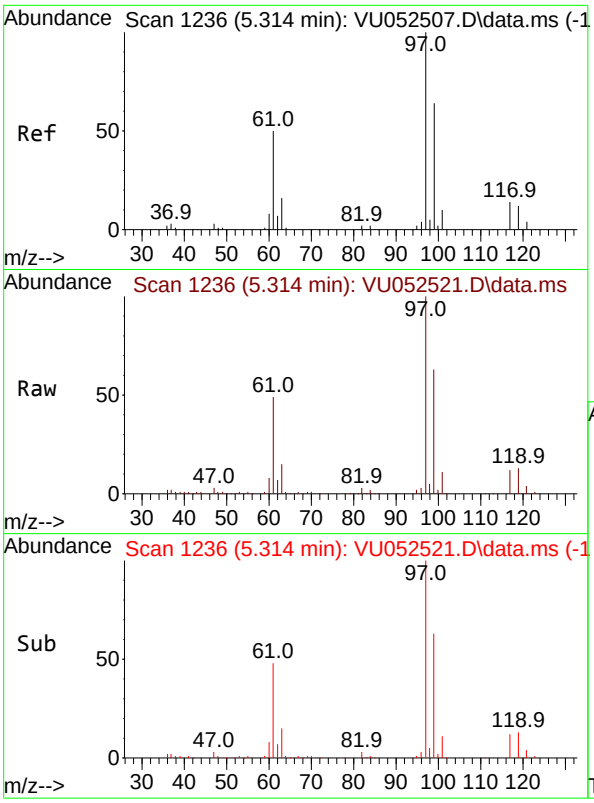


#27
1,2-Dichloroethane
Concen: 4.700 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 62 Resp: 117021

Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.4	11.2



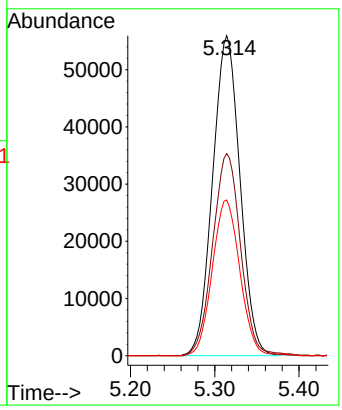


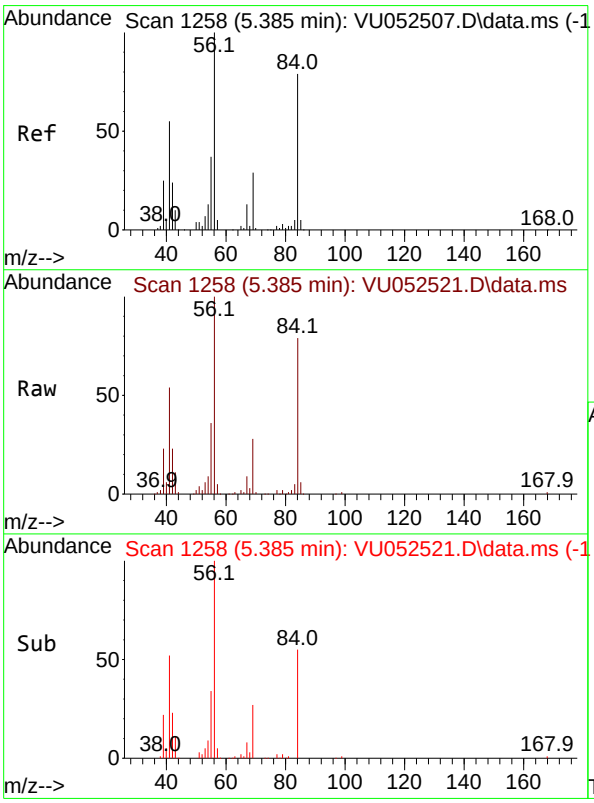
#29
1,1,1-Trichloroethane
Concen: 4.983 ug/L
RT: 5.314 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 97 Resp: 126281

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	48.9	41.6	62.4

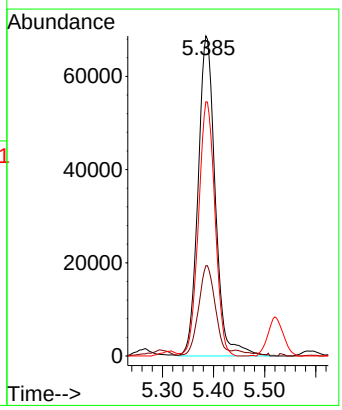


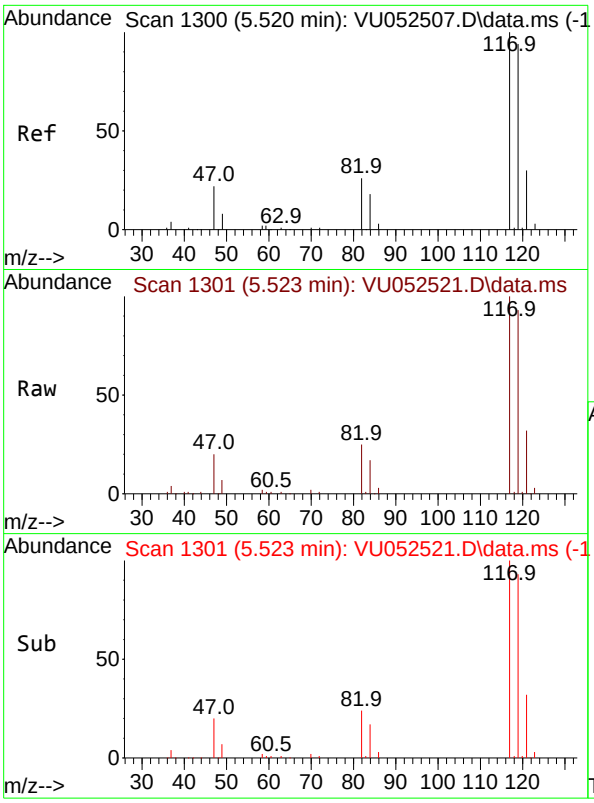


#30
Cyclohexane
Concen: 5.871 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 56 Resp: 160769

Ion	Ratio	Lower	Upper
56	100		
69	27.0	23.0	34.6
84	76.2	64.4	96.6



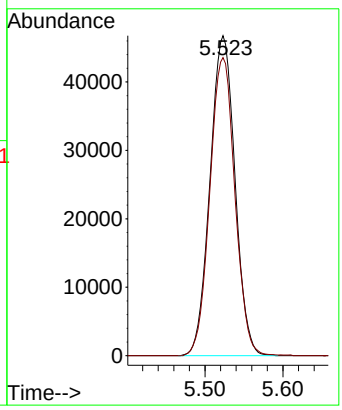


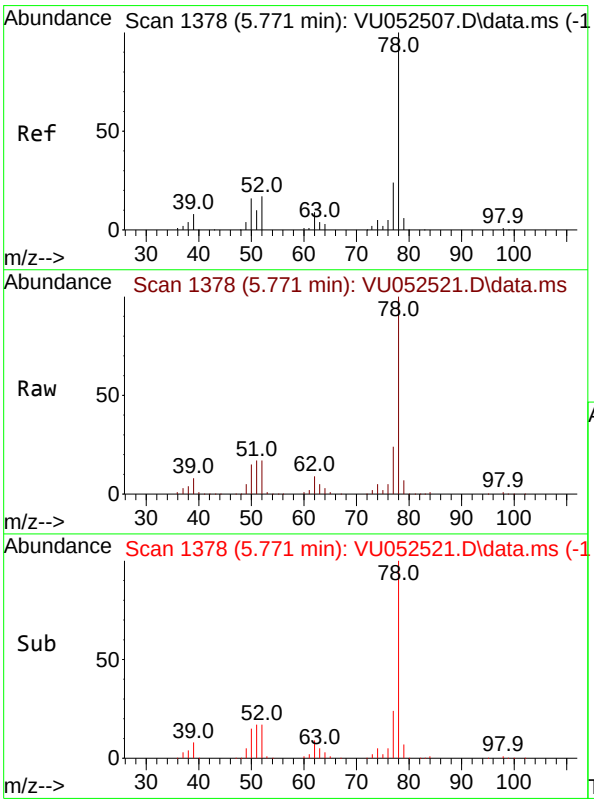
#31
Carbon tetrachloride
Concen: 4.664 ug/L
RT: 5.523 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion:117 Resp: 103855

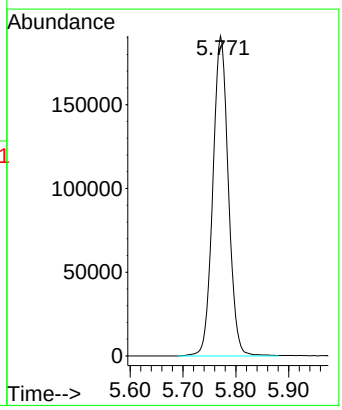
Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.3	114.5

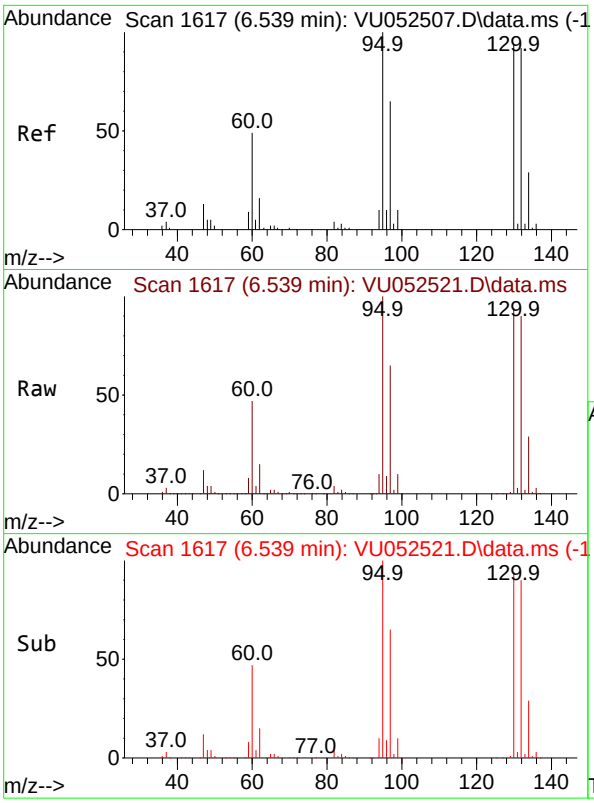




#33
Benzene
Concen: 5.377 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 78 Resp: 389940



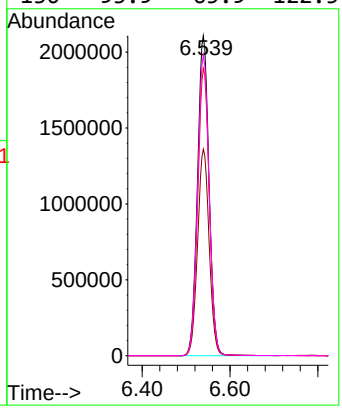


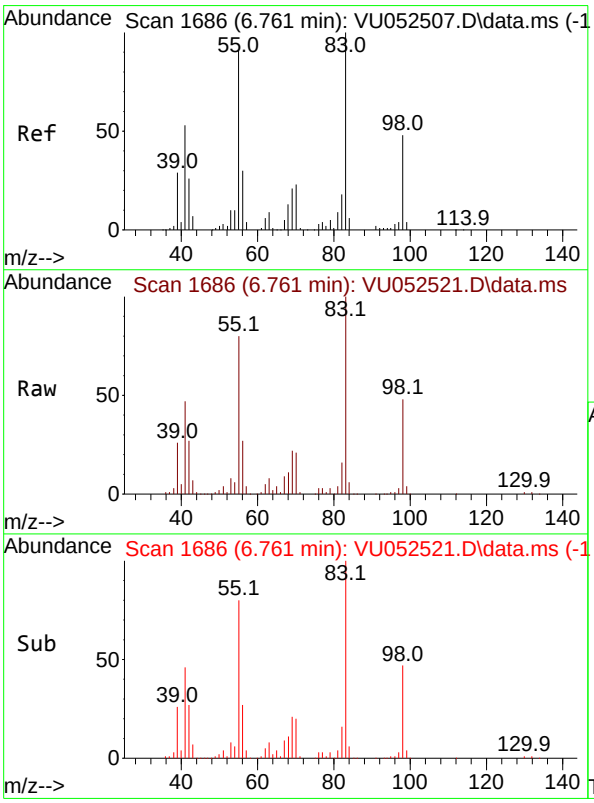
#34
Trichloroethene
Concen: 227.606 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 95 Resp: 3858800

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.3	86.1
132	89.7	63.9	118.7
130	93.9	65.9	122.5

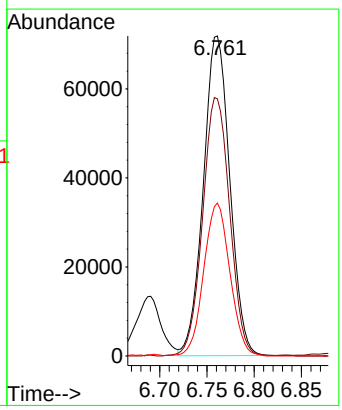


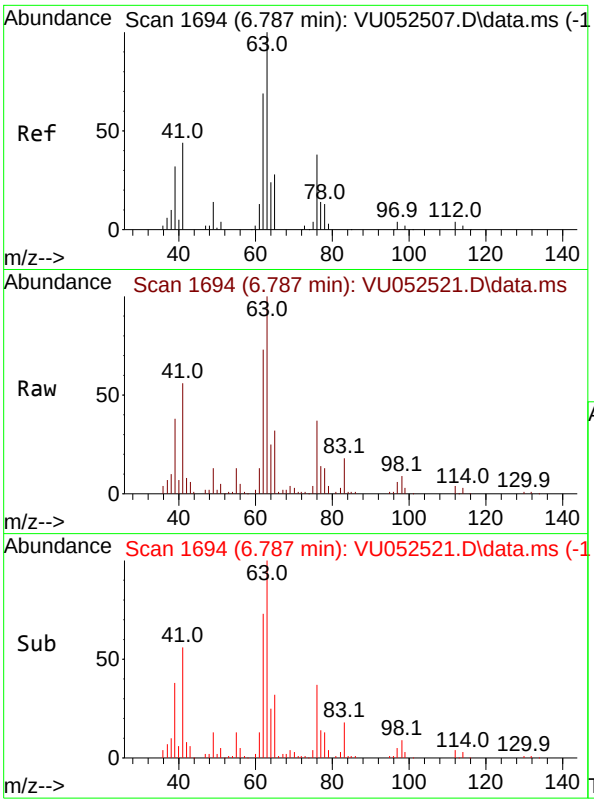


#35
Methylcyclohexane
Concen: 5.475 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 83 Resp: 139966

Ion	Ratio	Lower	Upper
83	100		
55	82.7	71.4	107.0
98	47.3	36.5	54.7



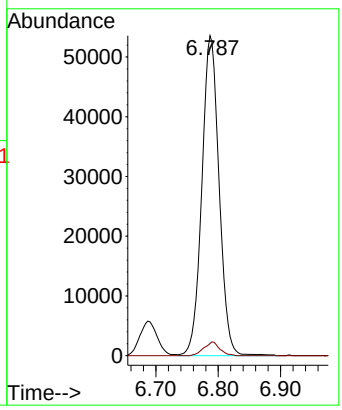


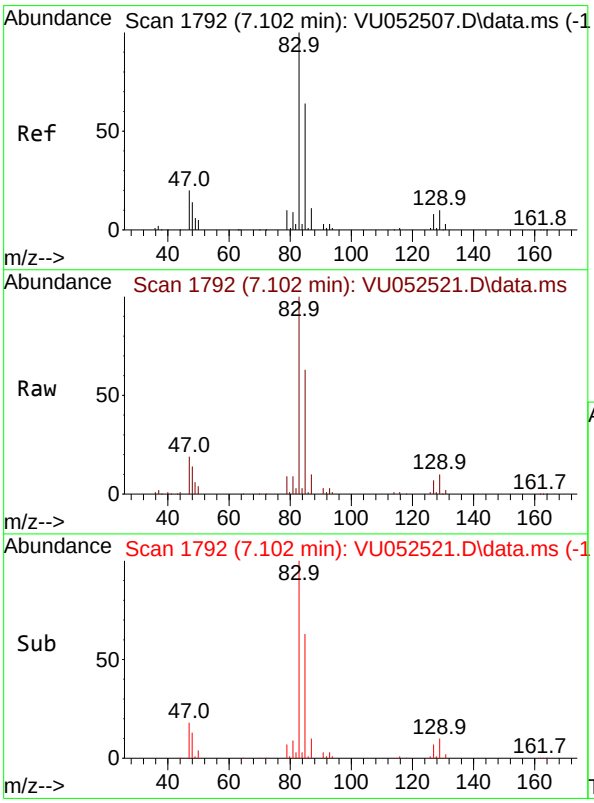
#37
1,2-Dichloropropane
Concen: 5.093 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 63 Resp: 103064

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.0	4.6

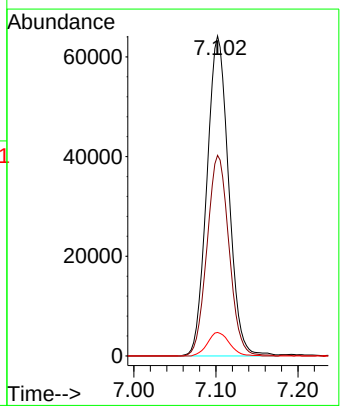


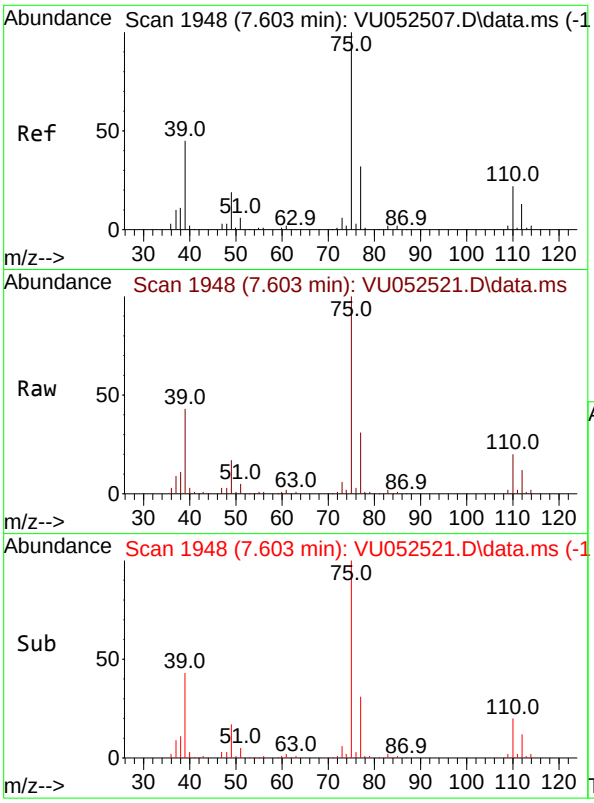


#38
Bromodichloromethane
Concen: 4.818 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 83 Resp: 118661

Ion	Ratio	Lower	Upper
83	100		
85	62.7	45.2	84.0
127	7.3	5.8	8.6



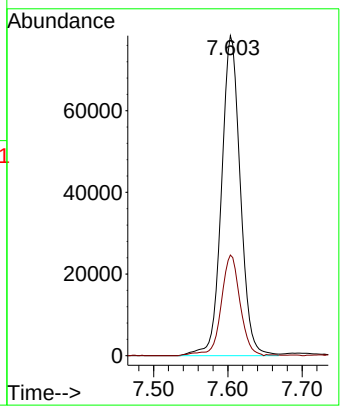


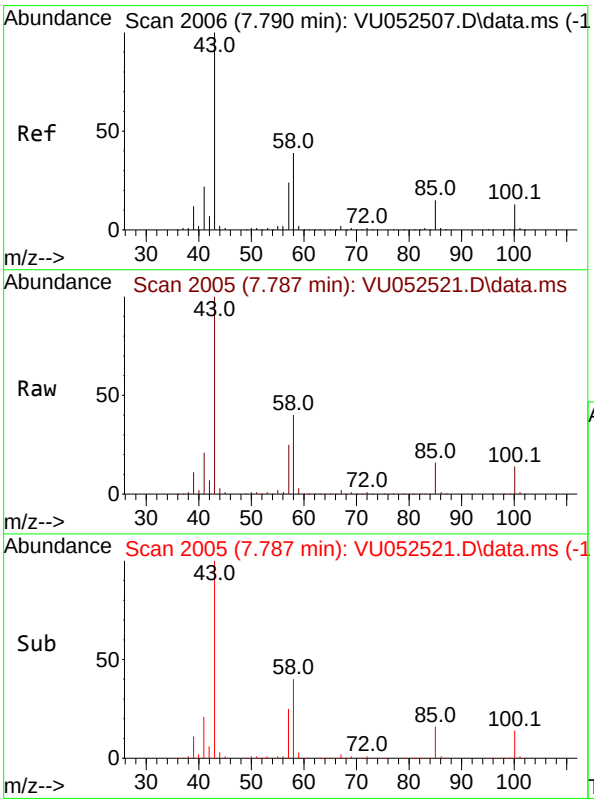
#39
cis-1,3-Dichloropropene
Concen: 5.409 ug/L
RT: 7.603 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 75 Resp: 138632

Ion	Ratio	Lower	Upper
75	100		
77	31.5	22.0	41.0

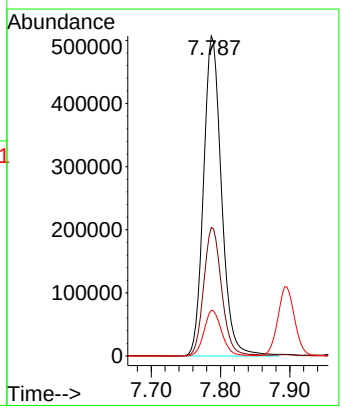


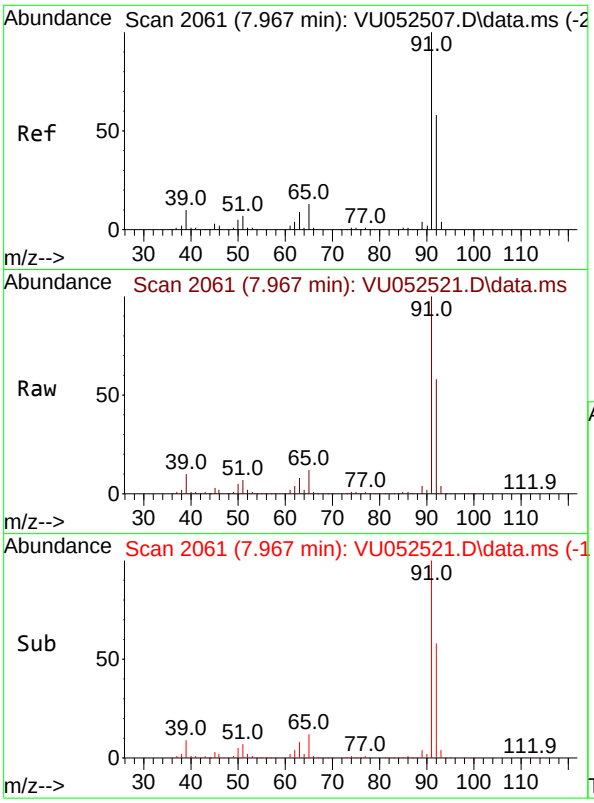


#40
4-Methyl-2-pentanone
Concen: 61.708 ug/L
RT: 7.787 min Scan# 2005
Delta R.T. -0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 43 Resp: 912549

Ion	Ratio	Lower	Upper
43	100		
58	40.2	30.6	45.8
100	14.1	10.4	15.6



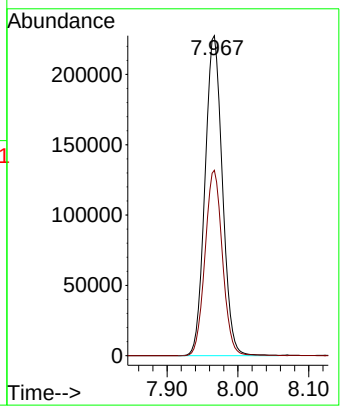


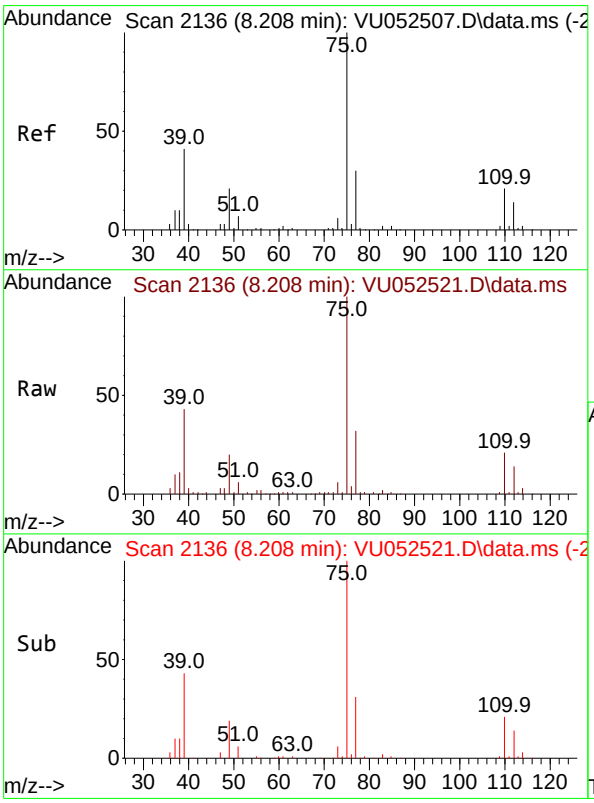
#42
Toluene
Concen: 5.578 ug/L
RT: 7.967 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 91 Resp: 387899

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.6	75.4

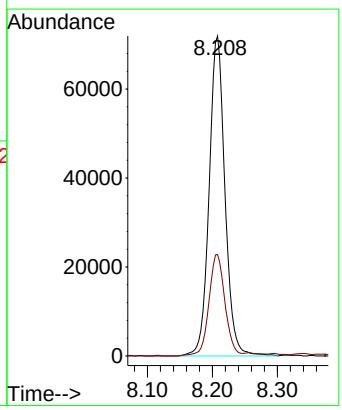


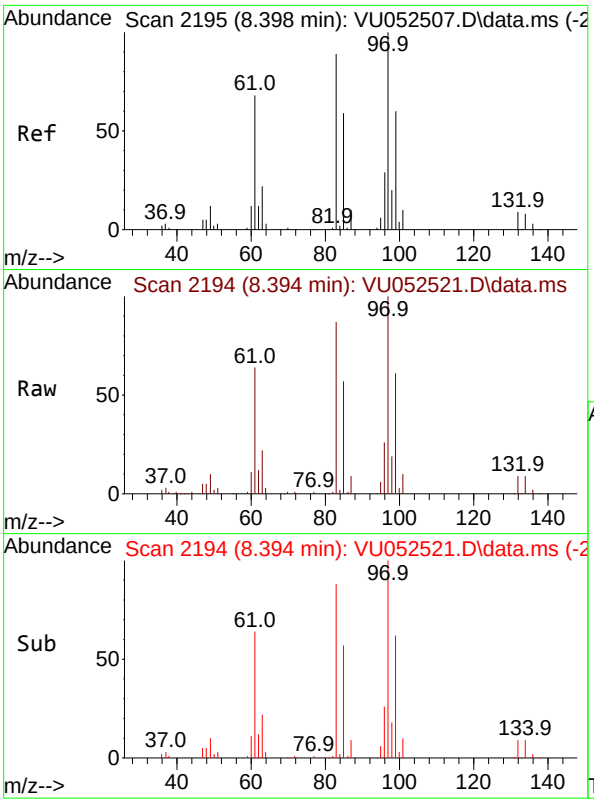


#44
trans-1,3-Dichloropropene
Concen: 5.398 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 75 Resp: 121915

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.8	42.4



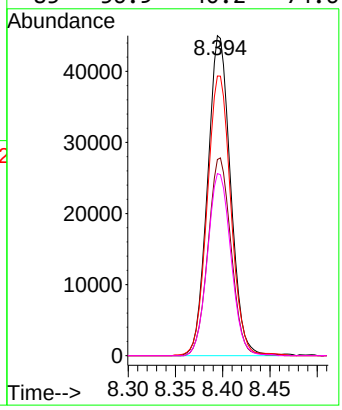


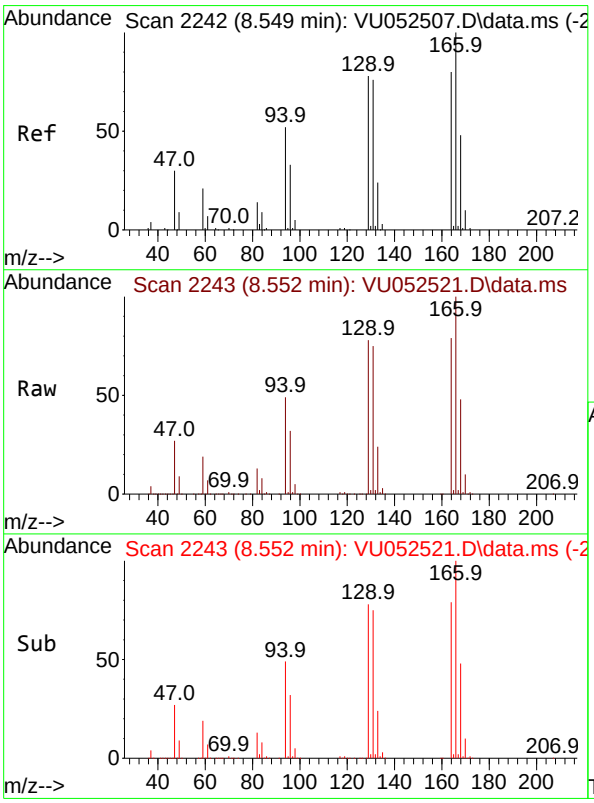
#45
1,1,2-Trichloroethane
Concen: 5.309 ug/L
RT: 8.394 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 97 Resp: 76096

Ion	Ratio	Lower	Upper
97	100		
99	61.3	42.0	78.0
83	87.4	63.2	117.4
85	56.9	40.2	74.6

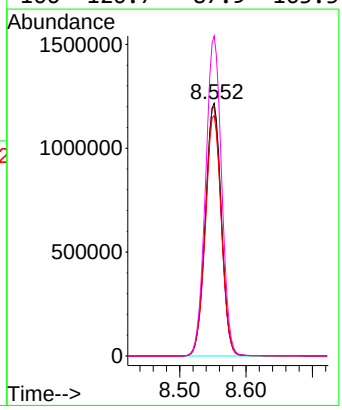


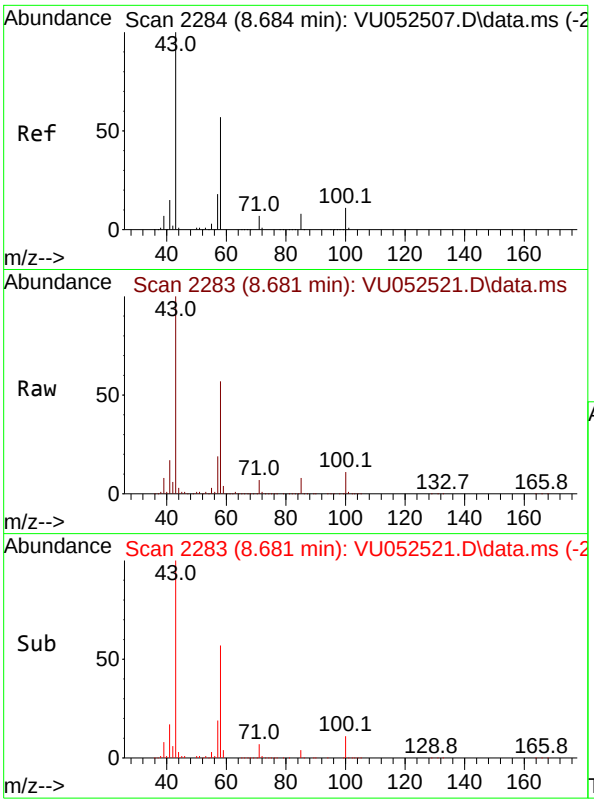


#47
Tetrachloroethene
Concen: 171.552 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:164 Resp: 2030194

Ion	Ratio	Lower	Upper
164	100		
129	98.6	68.1	126.5
131	95.2	66.5	123.5
166	126.7	87.9	163.3



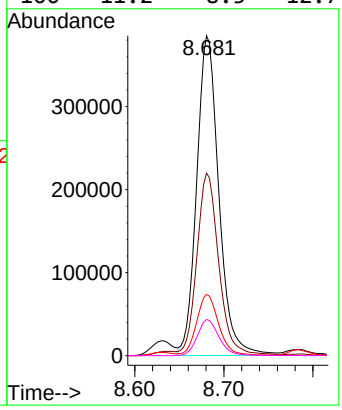


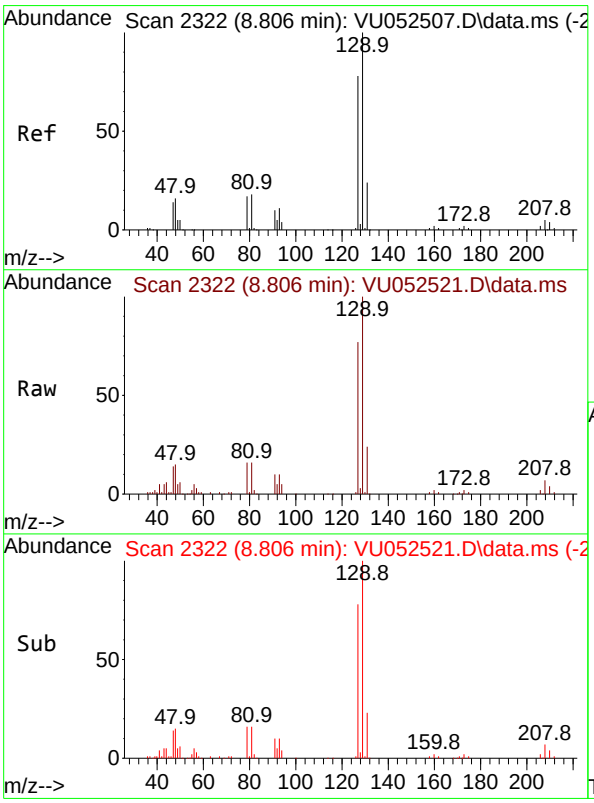
#48
2-Hexanone
Concen: 59.846 ug/L
RT: 8.681 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 43 Resp: 667101

Ion	Ratio	Lower	Upper
43	100		
58	55.9	44.1	66.1
57	19.1	14.6	21.8
100	11.2	8.5	12.7

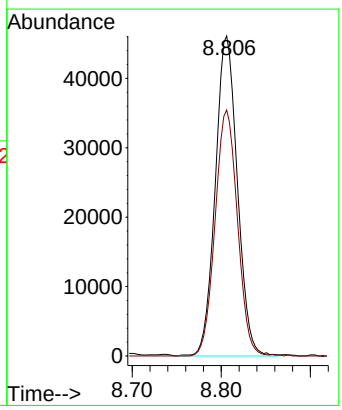


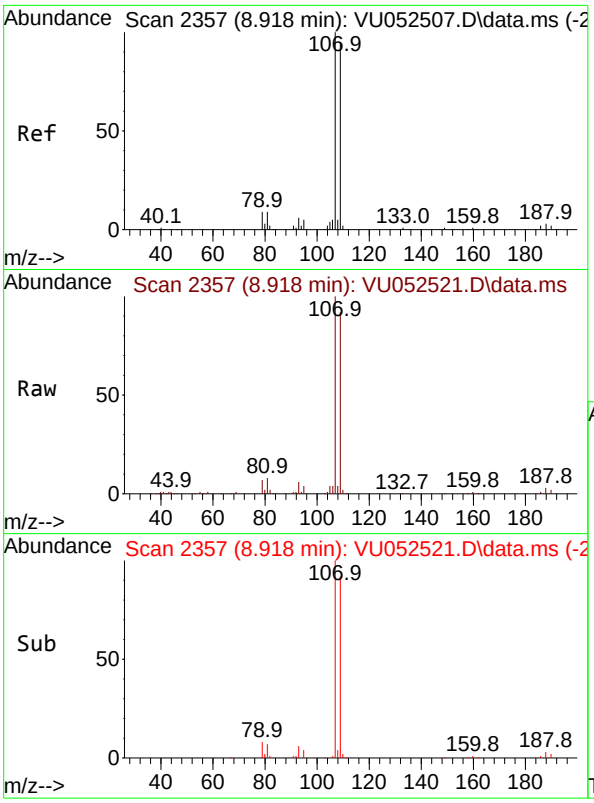


#49
Dibromochloromethane
Concen: 5.232 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:129 Resp: 79402

Ion	Ratio	Lower	Upper
129	100		
127	76.9	54.2	100.6



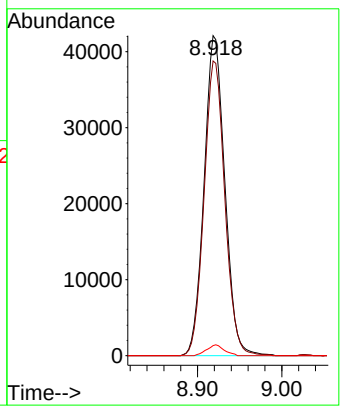


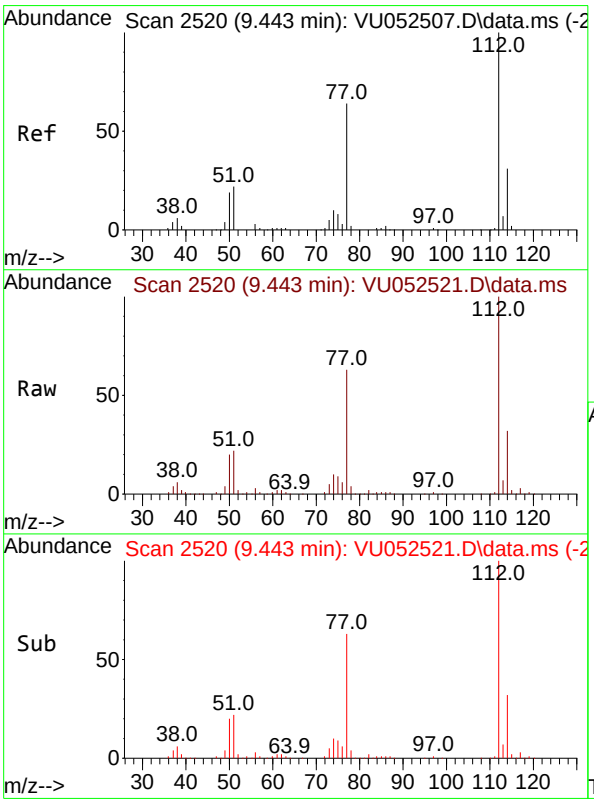
#50
1,2-Dibromoethane
Concen: 5.538 ug/L
RT: 8.918 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion:107 Resp: 72157

Ion	Ratio	Lower	Upper
107	100		
109	92.1	65.8	122.2
188	3.1	2.3	3.5

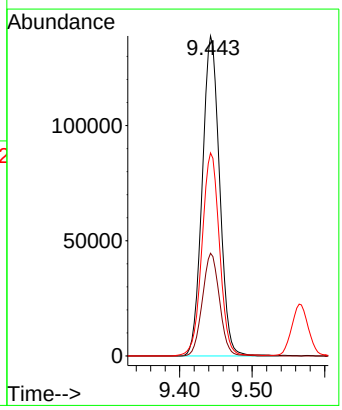


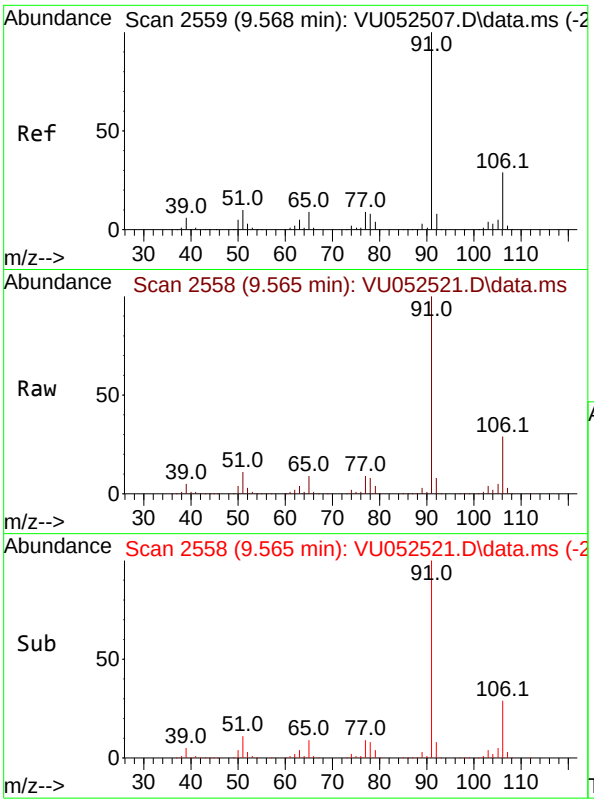


#51
Chlorobenzene
Concen: 5.190 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:112 Resp: 230436

Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.3	39.5
77	63.5	51.0	76.6



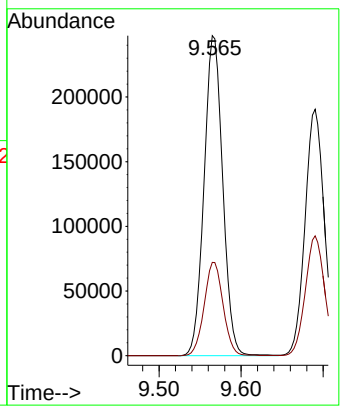


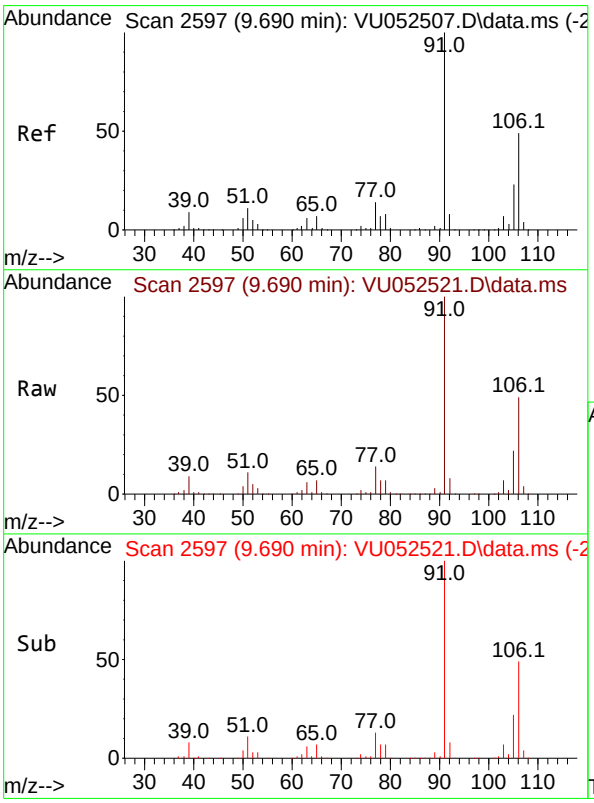
#52
Ethylbenzene
Concen: 5.428 ug/L
RT: 9.565 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 91 Resp: 390610

Ion	Ratio	Lower	Upper
91	100		
106	29.2	20.9	38.7

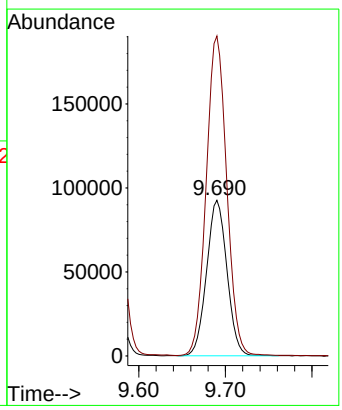


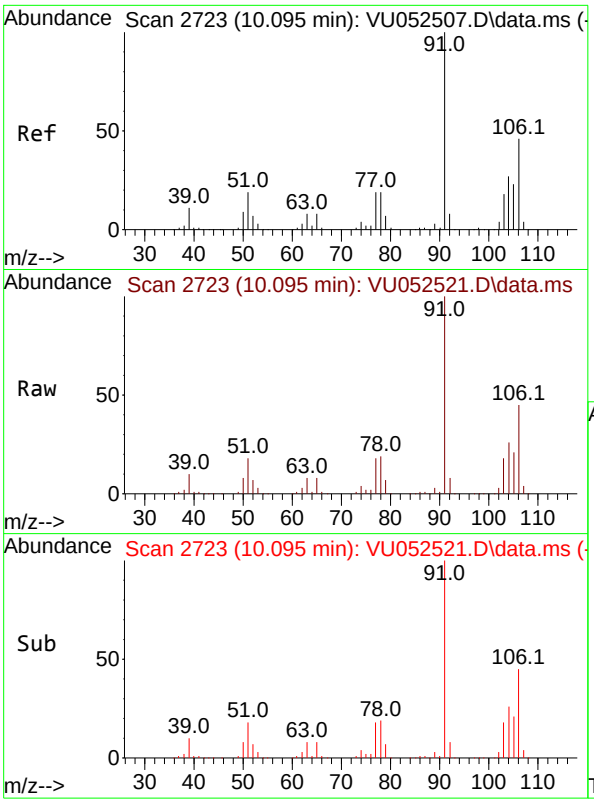


#53
m,p-Xylene
Concen: 5.700 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:106 Resp: 151247

Ion	Ratio	Lower	Upper
106	100		
91	205.5	148.2	275.2



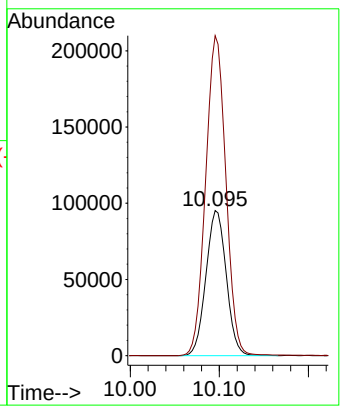


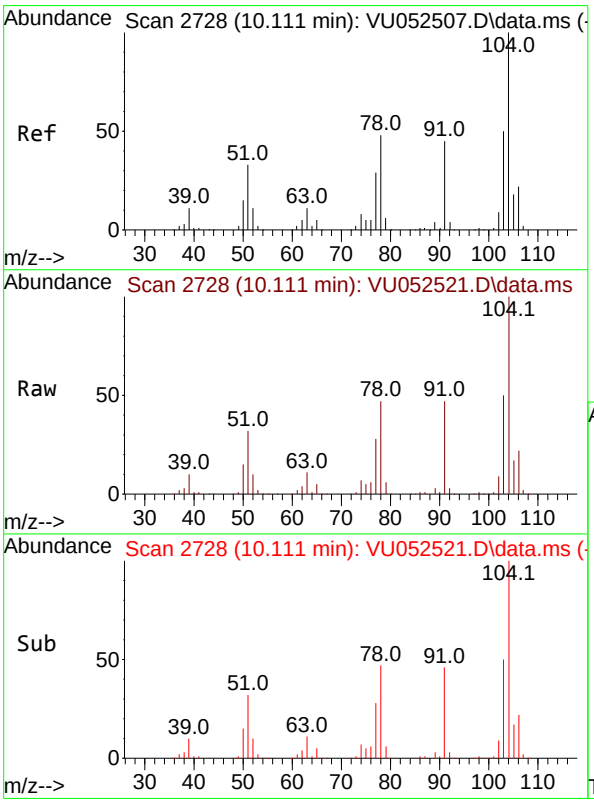
#54
o-Xylene
Concen: 5.926 ug/L
RT: 10.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion:106 Resp: 150742

Ion	Ratio	Lower	Upper
106	100		
91	220.5	153.2	284.4

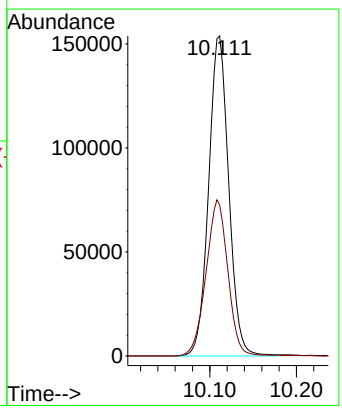


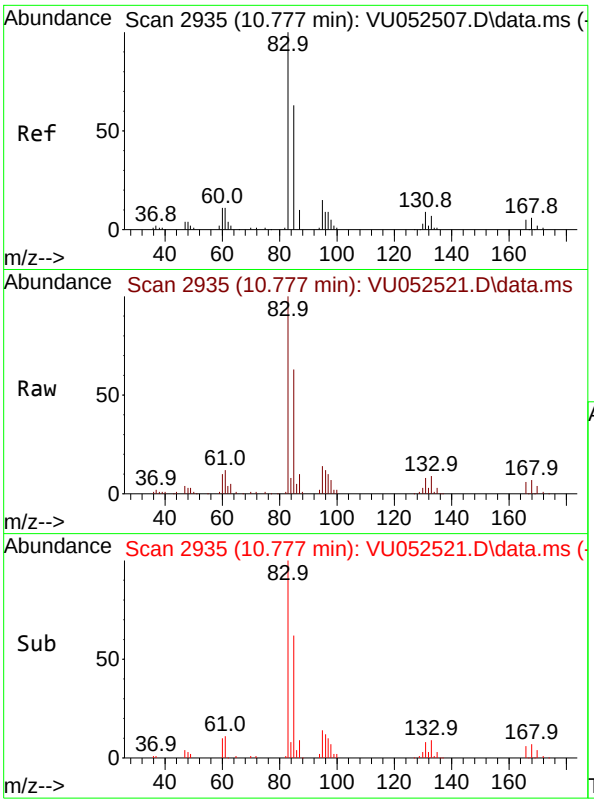


#55
Styrene
Concen: 5.602 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:104 Resp: 247892

Ion	Ratio	Lower	Upper
104	100		
78	47.3	33.4	62.0



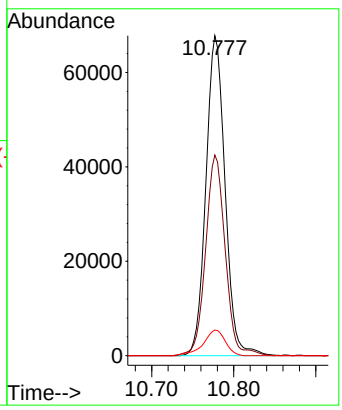


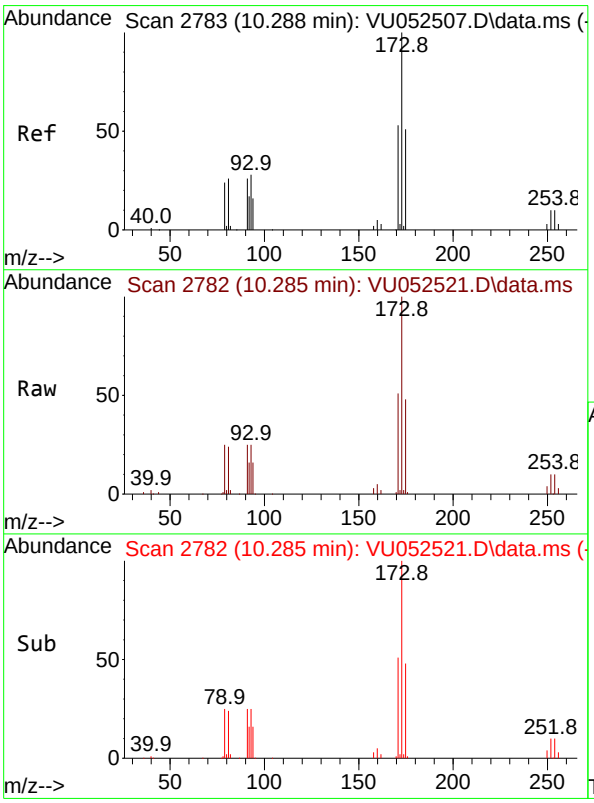
#57
1,1,2,2-Tetrachloroethane
Concen: 5.543 ug/L
RT: 10.777 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion: 83 Resp: 109827

Ion	Ratio	Lower	Upper
83	100		
85	62.7	44.7	83.1
131	8.0	6.0	9.0

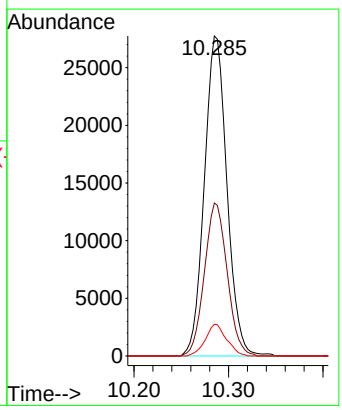


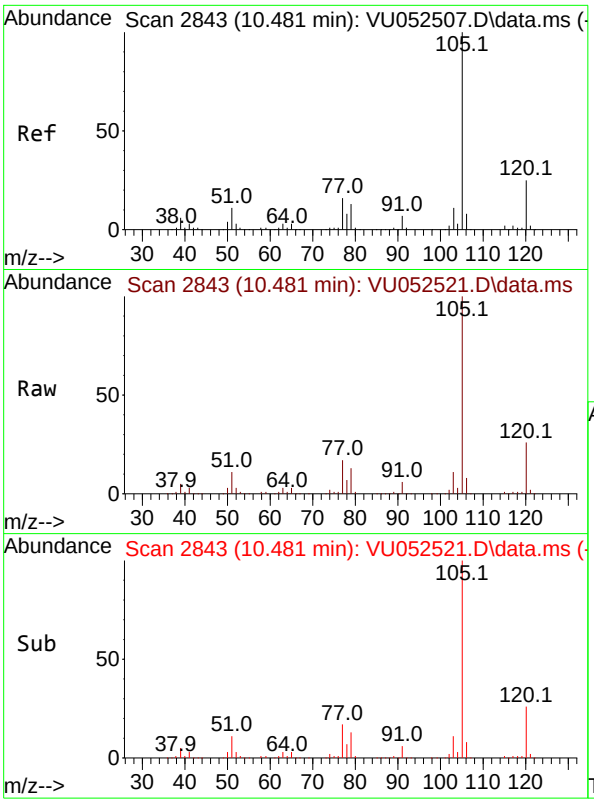


#59
Bromoform
Concen: 4.967 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:173 Resp: 46051

Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.9	58.3
254	9.3	7.0	10.6



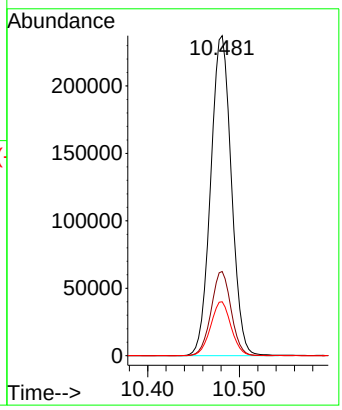


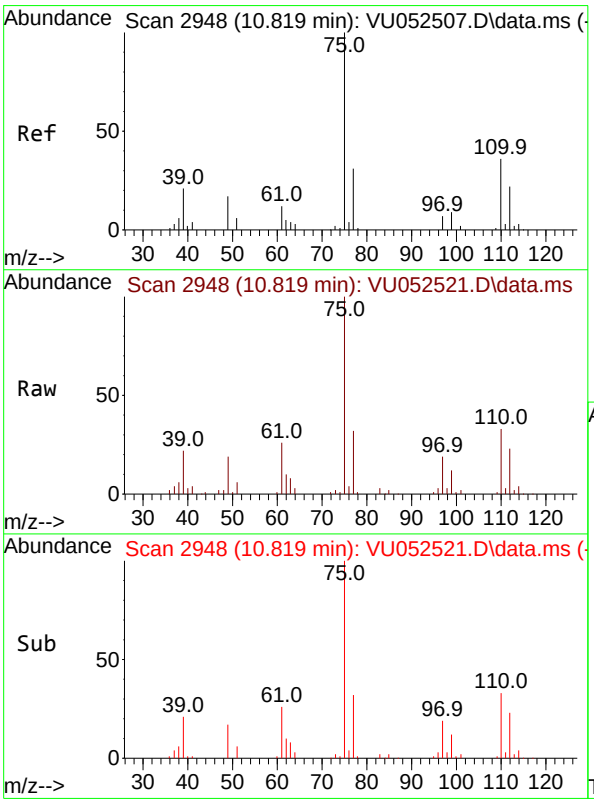
#60
Isopropylbenzene
Concen: 5.433 ug/L
RT: 10.481 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion:105 Resp: 371639

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.6	31.0
77	16.7	13.8	20.8

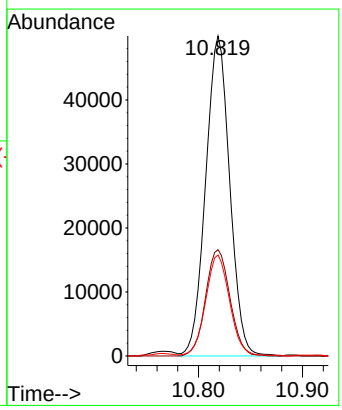


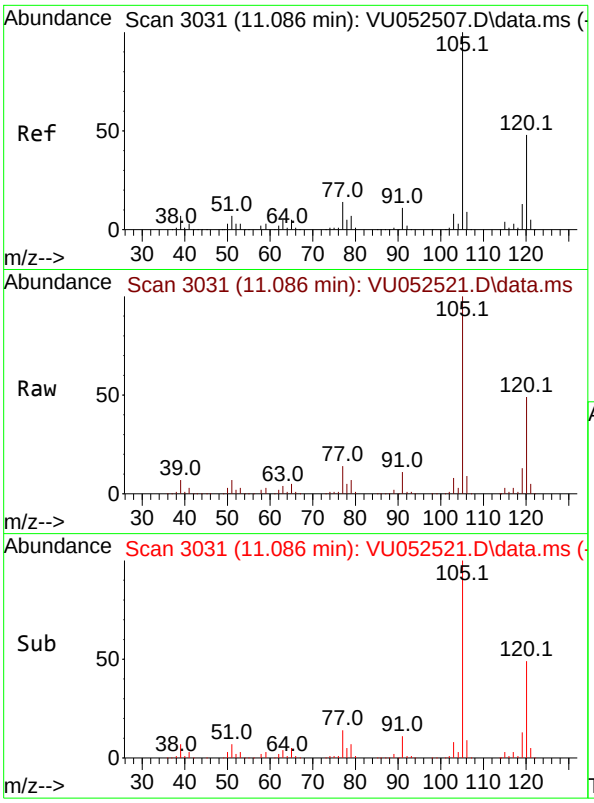


#61
1,2,3-Trichloropropane
Concen: 5.310 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 75 Resp: 80367

Ion	Ratio	Lower	Upper
75	100		
110	33.6	27.9	41.9
77	30.8	25.9	38.9



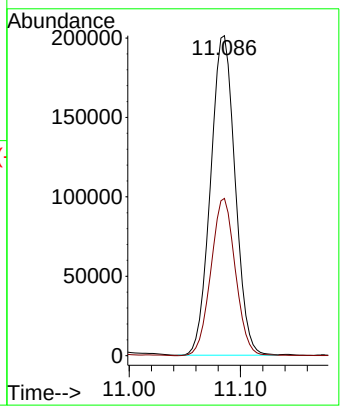


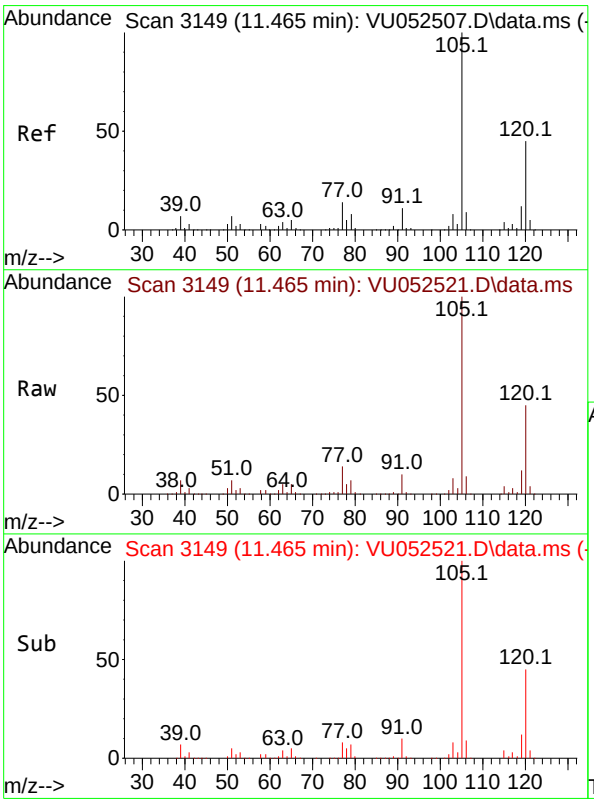
#62
1,3,5-Trimethylbenzene
Concen: 5.461 ug/L
RT: 11.086 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion:105 Resp: 308087

Ion	Ratio	Lower	Upper
105	100		
120	49.1	38.6	57.8

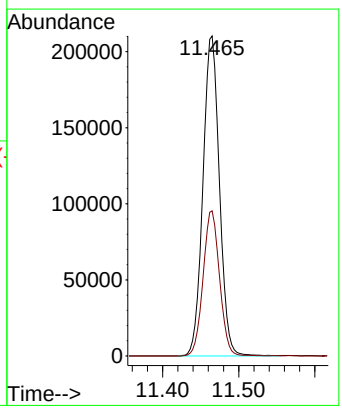


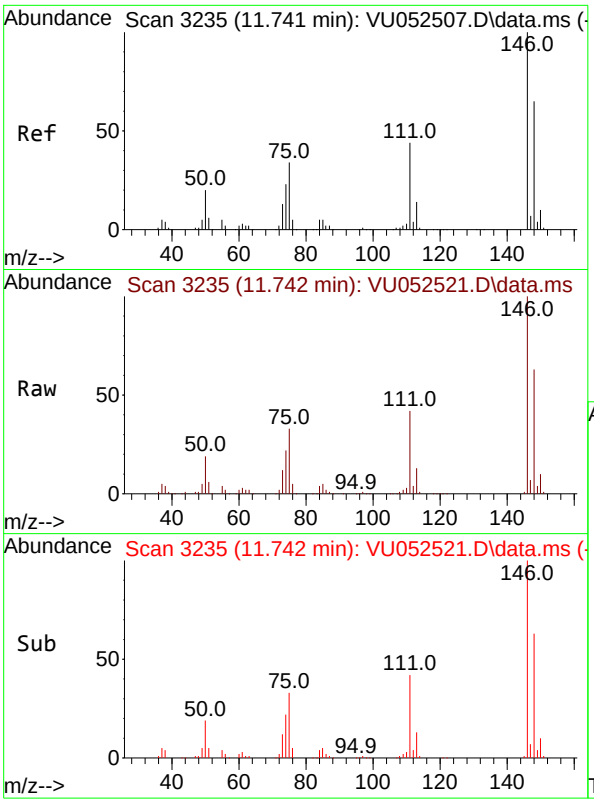


#63
1,2,4-Trimethylbenzene
Concen: 5.572 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:105 Resp: 316426

Ion	Ratio	Lower	Upper
105	100		
120	45.3	35.6	53.4



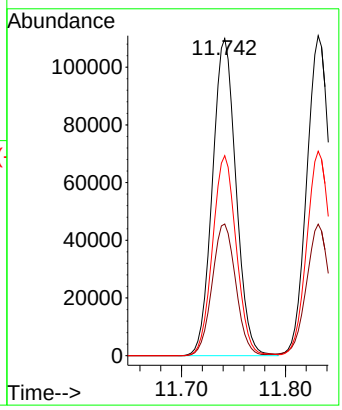


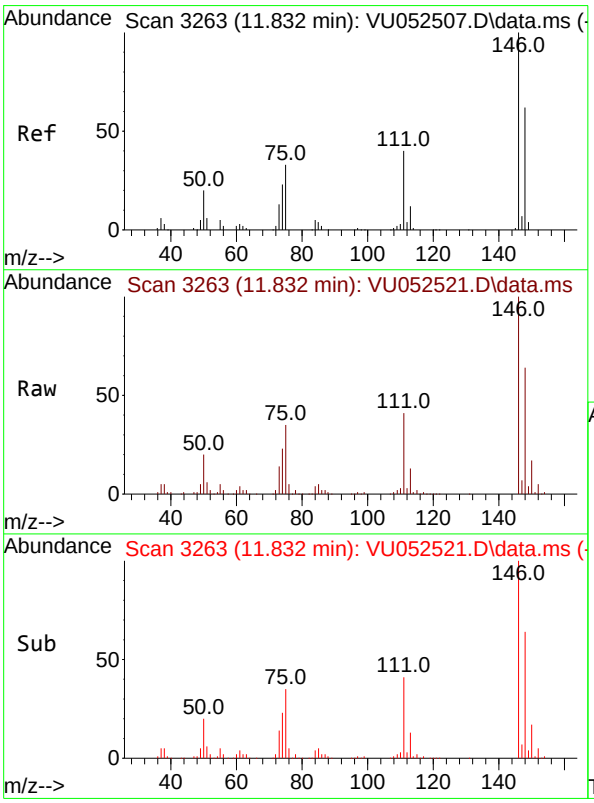
#64
1,3-Dichlorobenzene
Concen: 5.102 ug/L
RT: 11.742 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion:146 Resp: 173153

Ion	Ratio	Lower	Upper
146	100		
111	41.6	29.9	55.5
148	63.1	43.4	80.6

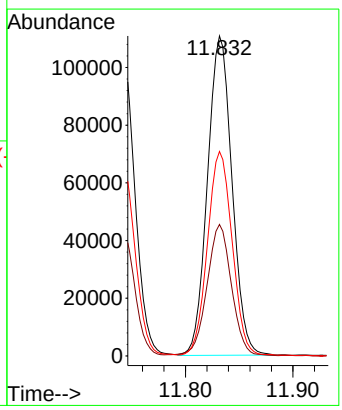


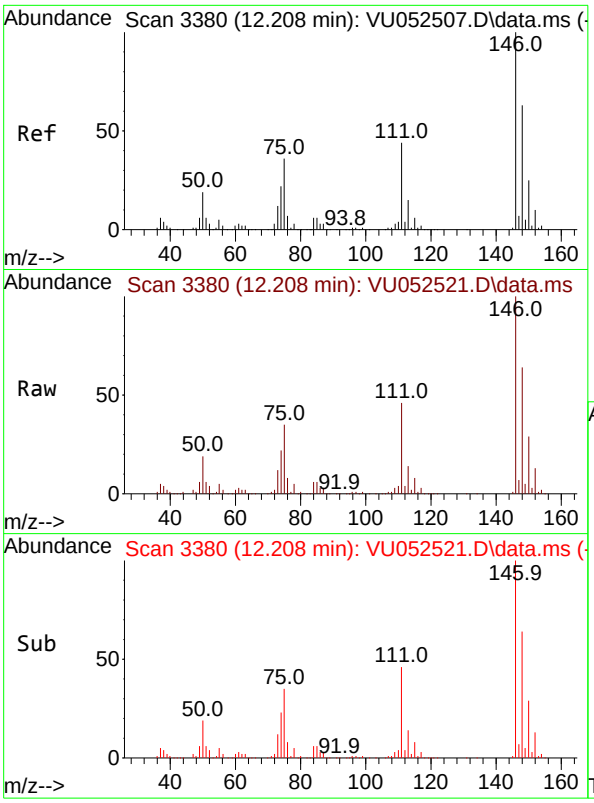


#65
1,4-Dichlorobenzene
Concen: 4.993 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:146 Resp: 175233

Ion	Ratio	Lower	Upper
146	100		
111	41.1	27.5	51.1
148	63.9	44.9	83.3



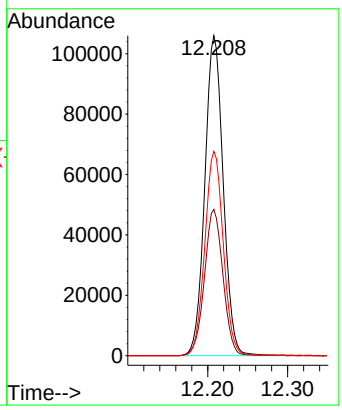


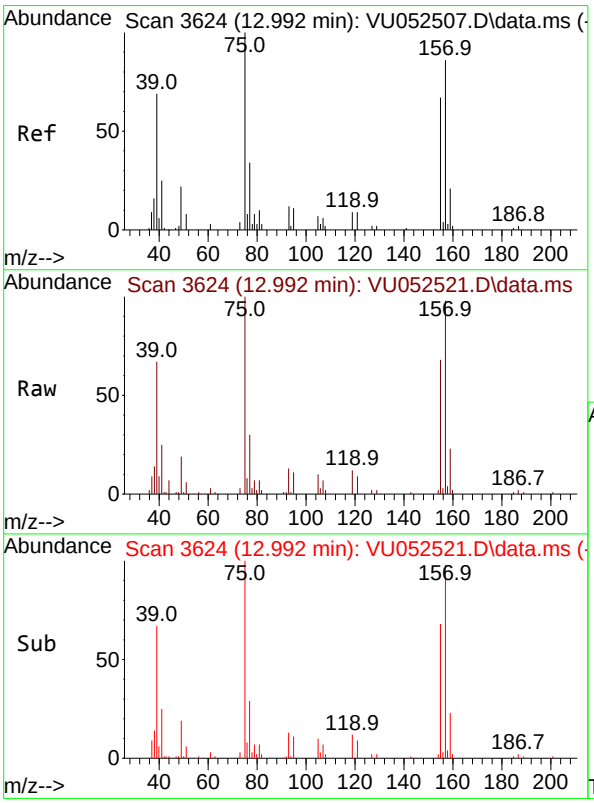
#67
1,2-Dichlorobenzene
Concen: 5.060 ug/L
RT: 12.208 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion:146 Resp: 169667

Ion	Ratio	Lower	Upper
146	100		
111	45.7	36.6	55.0
148	63.9	50.5	75.7

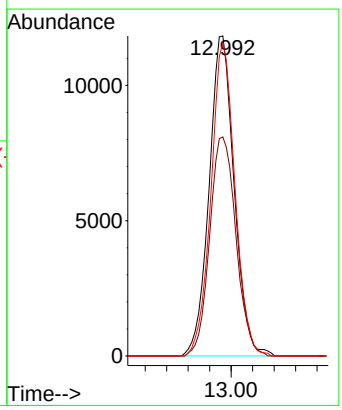


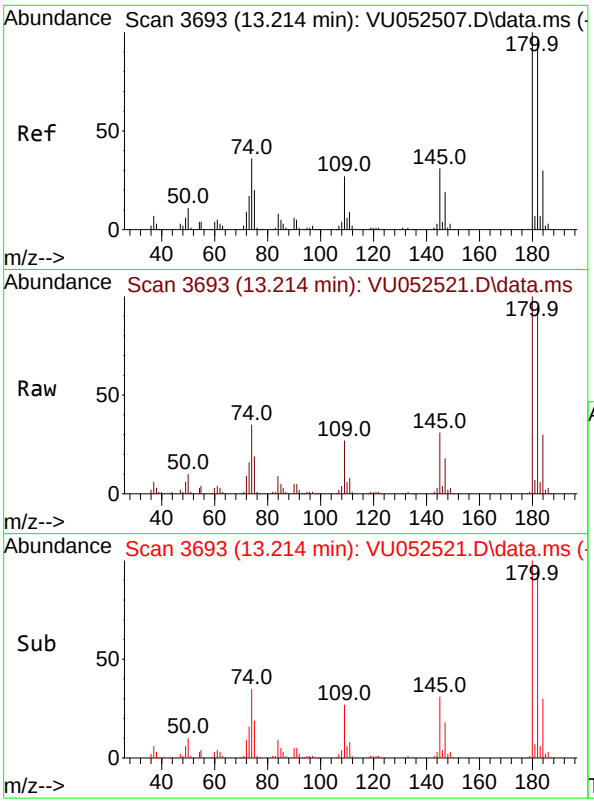


#68
1,2-Dibromo-3-chloropropane
Concen: 5.582 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion: 75 Resp: 19124

Ion	Ratio	Lower	Upper
75	100		
155	68.4	62.2	93.2
157	97.9	73.0	109.4



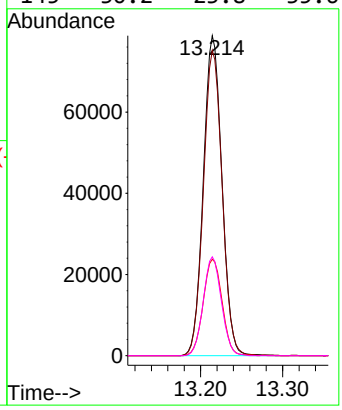


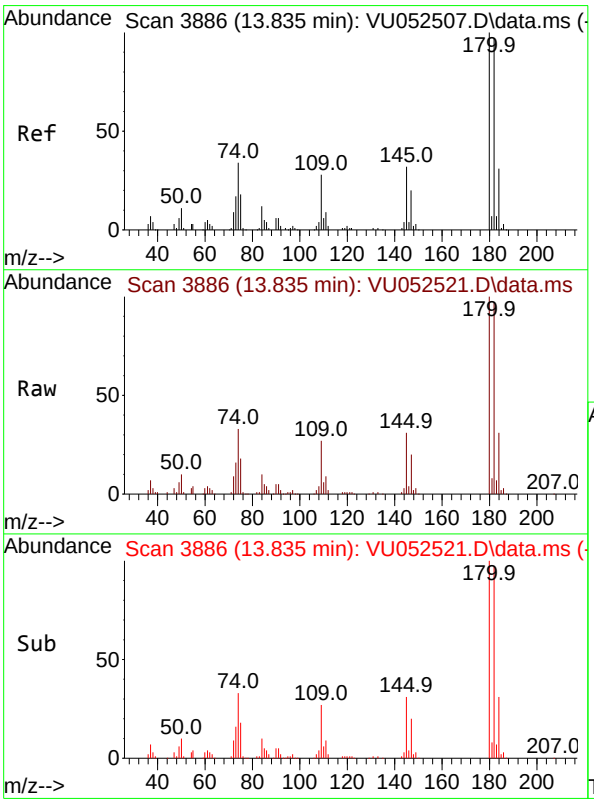
#69
1,3,5-Trichlorobenzene
Concen: 4.961 ug/L
RT: 13.214 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion:180 Resp: 123966

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.8
184	30.7	23.4	35.0
145	30.2	23.8	35.6

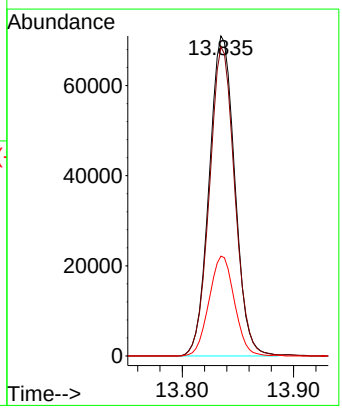


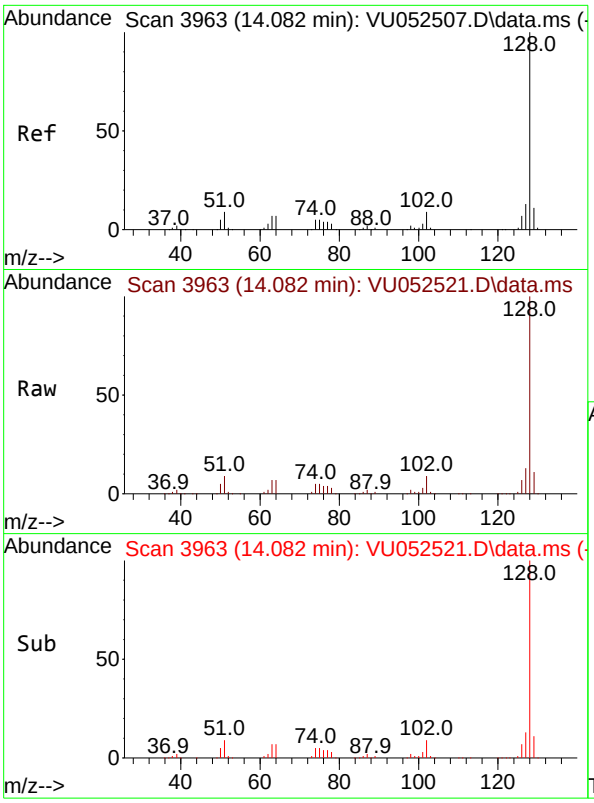


#70
1,2,4-trichlorobenzene
Concen: 5.389 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:180 Resp: 113325

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.7	116.5
145	30.9	24.0	36.0



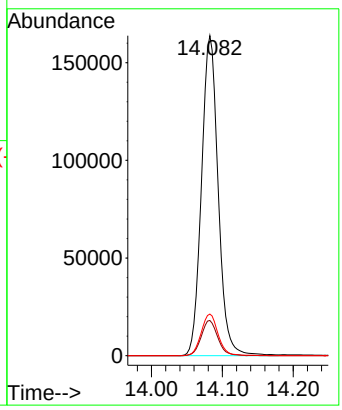


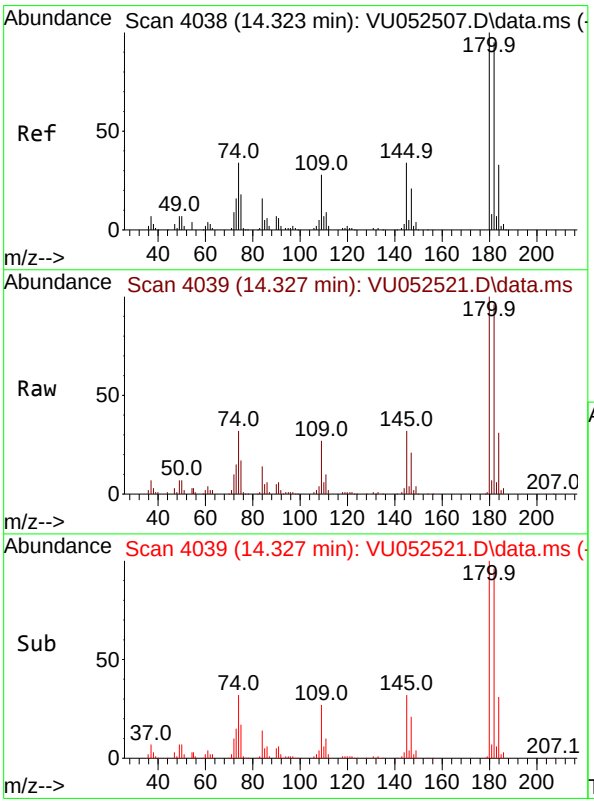
#71
Naphthalene
Concen: 6.293 ug/L
RT: 14.082 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Instrument :
MSVOA_U
ClientSampleId :
GBQB0MS

Tgt Ion:128 Resp: 267752

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.6	16.0





#72
1,2,3-Trichlorobenzene
Concen: 5.324 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052521.D
Acq: 23 Dec 2022 03:10

Tgt Ion:180 Resp: 112218

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.3	114.5
145	33.3	25.8	38.8