Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
Data File : VU060314.D
Acq On : 06 Aug 2024 09:55
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 07 06:46:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.107	96	36366	1.000 ug/l	# 0.00
System Monitoring Compounds					
57) 4-Bromofluorobenzene	10.627	95	16931	1.366 ug/l	0.00
Spiked Amount 1.000			Recovery	= 137.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14211	1.056 ug/l	0.00
Spiked Amount 1.000			Recovery	= 106.000%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.380	85	135845	9.712 ug/l	99
3) Chloromethane	1.525	50	144774	9.053 ug/l	99
4) Vinyl Chloride	1.602	62	149274	9.337 ug/l	100
5) Bromomethane	1.834	94	86747	8.830 ug/l	100
6) Chloroethane	1.917	64	90950	9.399 ug/l	99
7) Trichlorofluoromethane	2.129	101	187072	9.698 ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	101129	9.636 ug/l	99
9) 1,1-Dichloroethene	2.570	96	103753	9.543 ug/l	95
10) Iodomethane	2.711	142	153101	9.499 ug/l	99
11) Allyl Chloride	2.911	41	142450	9.557 ug/l	100
12) Acrylonitrile	3.306	53	49948	17.583 ug/l	97
13) Acetone	2.618	43	175758	50.940 ug/l	97
14) Carbon Disulfide	2.782	76	345332	9.367 ug/l	100
15) Methylene Chloride	3.033	84	124483	9.146 ug/l	100
16) trans-1,2-Dichloroethene	3.342	96	110753	9.507 ug/l	98
17) 1,1-Dichloroethane	3.856	63	211635	9.449 ug/l	100
18) 2-Butanone	4.708	43	195884	49.145 ug/l	99
19) Cyclohexane	5.367	56	171944	8.906 ug/l	91
20) Methylcyclohexane	6.753	83	165143	10.778 ug/l	100
21) 2,2-Dichloropropane	4.650	77	171029	9.805 ug/l	100
22) cis-1,2-Dichloroethene	4.653	96	121360	9.725 ug/l	99
23) Diethyl Ether	2.371	59	81035	9.171 ug/l	97
24) tert-Butyl Alcohol	3.184	59	91424	82.837 ug/l #	88
25) Methyl tert-Butyl Ether	3.361	73	245658	9.204 ug/l	99
26) Bromochloromethane	4.962	128	50952	9.642 ug/l	97
27) Chloroform	5.078	83	208317	9.505 ug/l	97
28) 1,1,1-Trichloroethane	5.300	97	175525	9.642 ug/l	99
29) 1,1-Dichloropropene	5.509	75	140926	9.661 ug/l	99
30) Carbon Tetrachloride	5.509	117	147698	9.955 ug/l	98
31) Isopropyl Ether	3.991	45	308788	9.431 ug/l	99
32) Ethyl-t-butyl ether	4.505	59	297225	9.393 ug/l	99
33) Tert-Amyl methyl ether	5.946	73	223861	9.966 ug/l	99
34) Propionitrile	4.776	54	46932	41.196 ug/l #	92
35) Benzene	5.763	78	444594	9.891 ug/l	99
36) 1,2-Dichloroethane	5.785	62	118041	9.450 ug/l	99
37) Trichloroethene	6.534	130	108425	9.744 ug/l	100
38) 1,2-Dichloropropane	6.785	63	121962	10.030 ug/l	100
39) Methacrylonitrile	4.975	41	34666	8.408 ug/l	99
40) Methyl acrylate	4.846	55	59984	8.308 ug/l	98
41) Tetrahydrofuran	5.059	42	34577	15.401 ug/l	97
42) 1-Chlorobutane	5.444	56	197076	9.799 ug/l	99
43) Dibromomethane	6.914	93	57247	9.307 ug/l	97
44) Bromodichloromethane	7.100	83	146507	9.920 ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
Data File : VU060314.D
Acq On : 06 Aug 2024 09:55
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 07 06:46:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	288183	49.896 ug/l	100
46) t-1,4-Dichloro-2-butene	10.830	75	144693	44.707 ug/l #	59
47) Methyl methacrylate	6.962	69	105016	21.040 ug/l	97
48) Ethyl methacrylate	8.335	69	91022	10.741 ug/l	98
49) Toluene	7.962	92	272247	10.923 ug/l	98
50) t-1,3-Dichloropropene	8.206	75	127073	10.422 ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	147824	10.079 ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	86226	9.549 ug/l	99
53) 1,3-Dichloropropane	8.570	76	142760	9.909 ug/l	99
54) 2-Hexanone	8.685	43	265475	59.305 ug/l	98
55) Dibromochloromethane	8.804	129	99764	10.073 ug/l	99
56) 1,2-Dibromoethane	8.920	107	77667	9.592 ug/l	99
58) Tetrachloroethene	8.547	164	104027	10.461 ug/l	98
59) Chlorobenzene	9.441	112	288346	10.685 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	106767	10.042 ug/l	99
61) Pentachloroethane	11.422	117	94503	10.407 ug/l	98
62) Hexachloroethane	12.470	117	93671	10.672 ug/l	99
63) Ethyl Benzene	9.566	91	495629	9.549 ug/l	99
64) m/p-Xylenes	9.689	106	413930	19.836 ug/l	98
65) o-Xylene	10.097	106	189743	9.646 ug/l	100
66) Styrene	10.110	104	337591	9.978 ug/l	99
67) Bromoform	10.287	173	58705	10.120 ug/l	99
69) Isopropylbenzene	10.480	105	496083	9.764 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	117126	9.748 ug/l	99
71) 1,2,3-Trichloropropane	10.830	75	144693	16.258 ug/l #	53
72) Bromobenzene	10.779	156	123056	11.105 ug/l	99
73) n-propylbenzene	10.901	120	146267	10.013 ug/l	99
74) 2-Chlorotoluene	10.981	126	129791	10.061 ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	459991	10.127 ug/l	100
76) 4-Chlorotoluene	11.090	126	137699	10.163 ug/l	100
77) tert-Butylbenzene	11.415	119	420854	9.824 ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	480373	10.144 ug/l	100
79) sec-Butylbenzene	11.637	105	591703	10.063 ug/l	99
80) Nitrobenzene	13.206	77	23671	44.863 ug/l #	96
81) p-Isopropyltoluene	11.788	119	489598	10.016 ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	261905	11.329 ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	268322	11.692 ug/l	98
84) n-Butylbenzene	12.203	91	472139	10.007 ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	252798	11.305 ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	16826	9.659 ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	136743	10.692 ug/l	100
88) Hexachlorobutadiene	14.016	225	91017	11.006 ug/l	99
89) Naphthalene	14.084	128	224611	9.927 ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	134566	10.778 ug/l	100

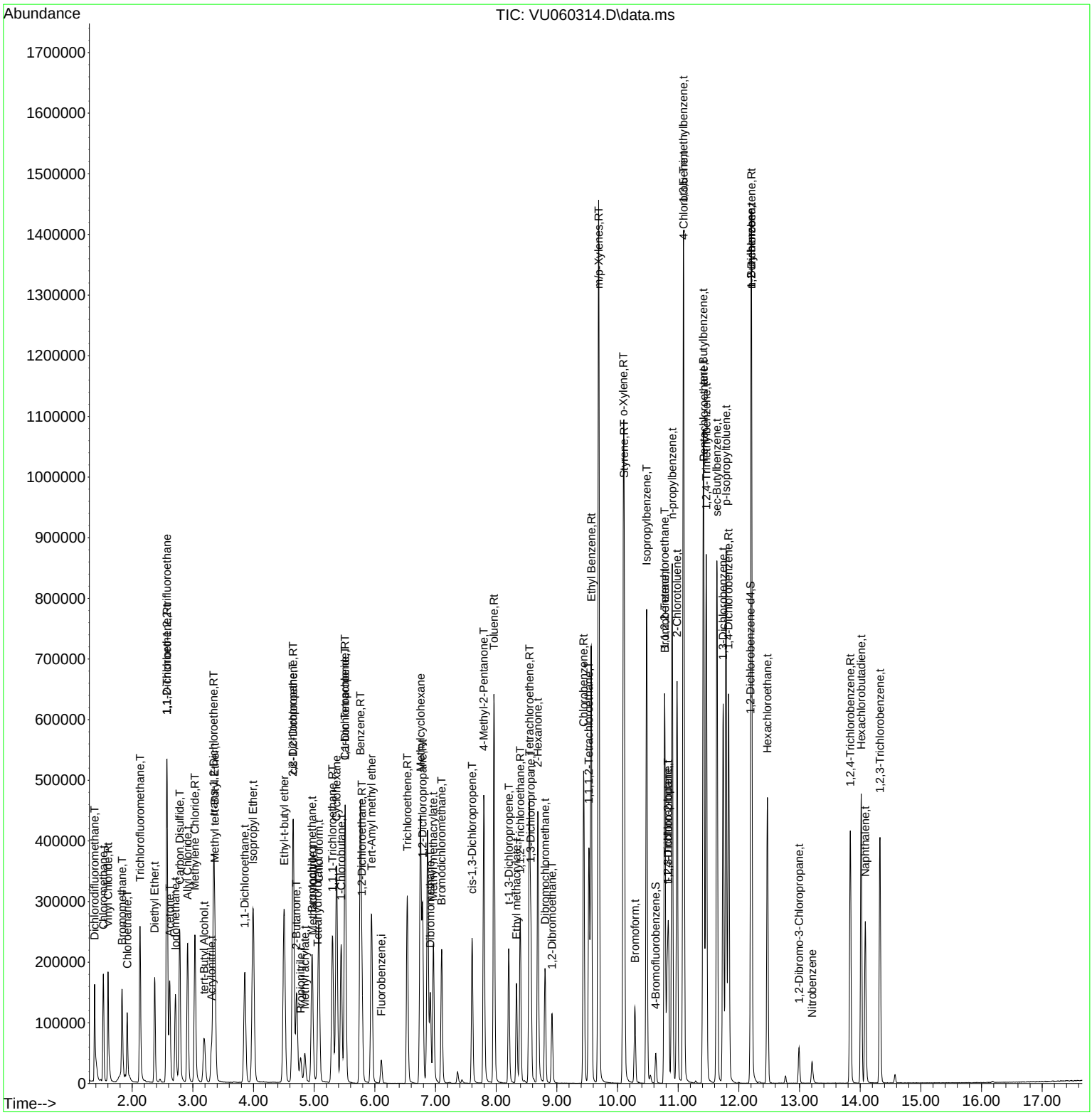
(#) = qualifier out of range (m) = manual integration (+) = signals summed

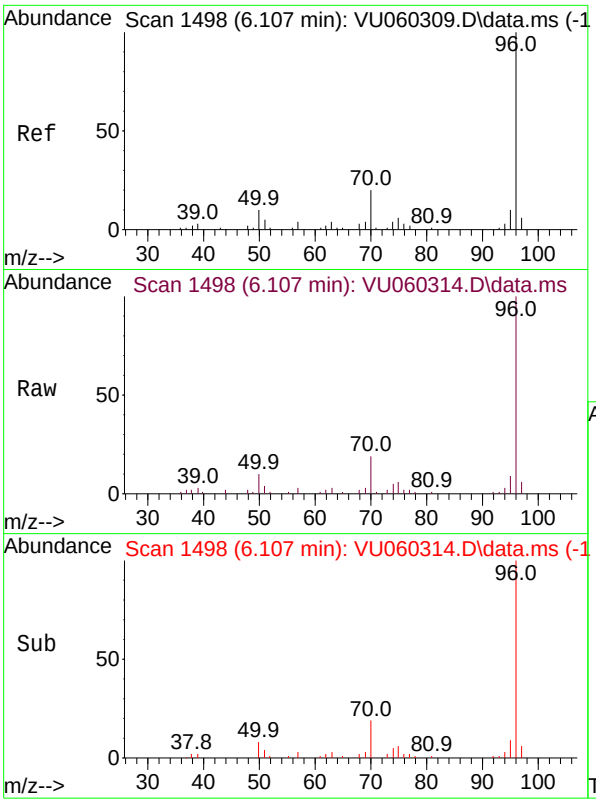
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
Data File : VU060314.D
Acq On : 06 Aug 2024 09:55
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 07 06:46:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration



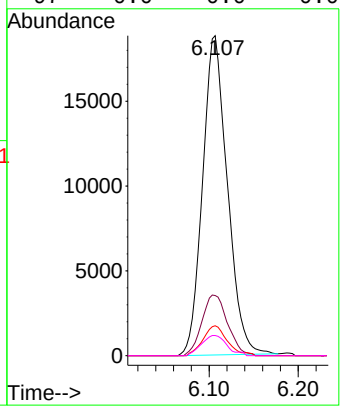


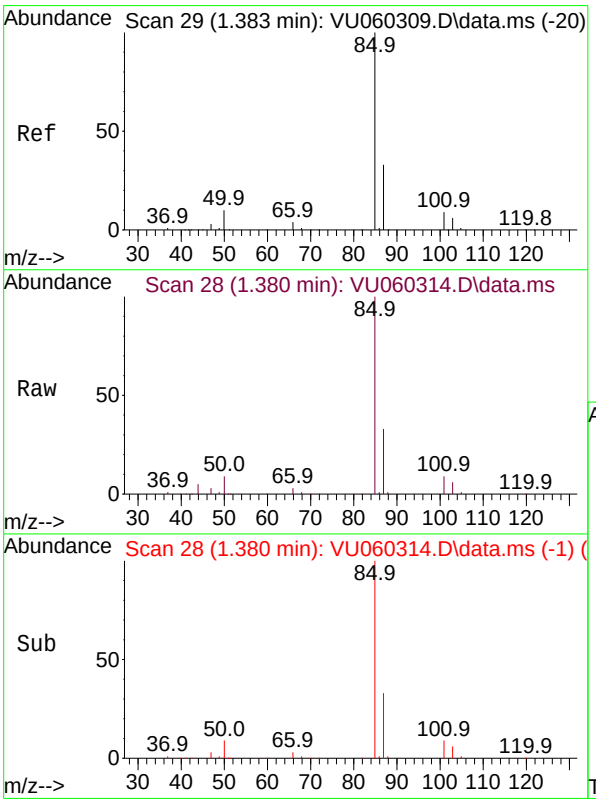
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 36366

Ion	Ratio	Lower	Upper
96	100		
70	19.7	17.2	25.8
95	9.2	7.9	11.9
97	0.0	0.0	0.0

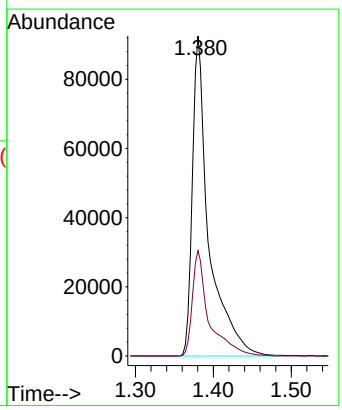


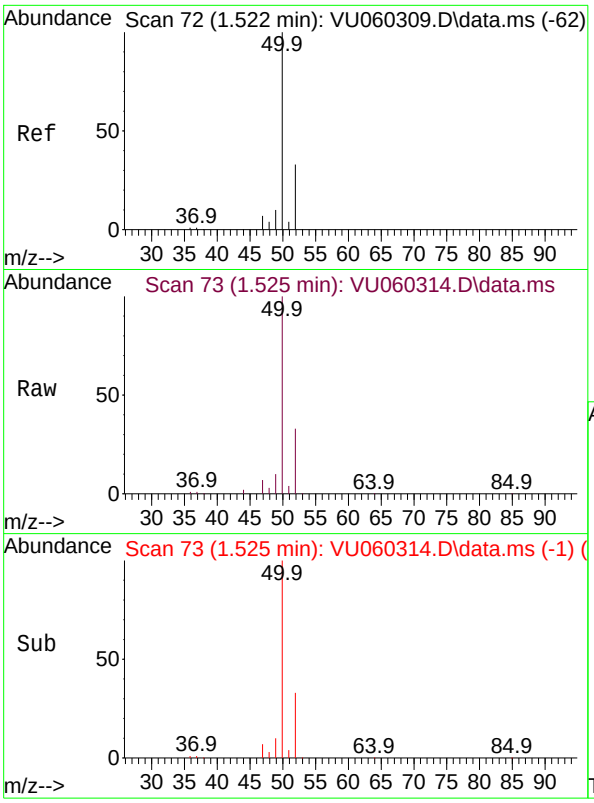


#2
Dichlorodifluoromethane
Concen: 9.712 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 85 Resp: 135845

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.3	48.9



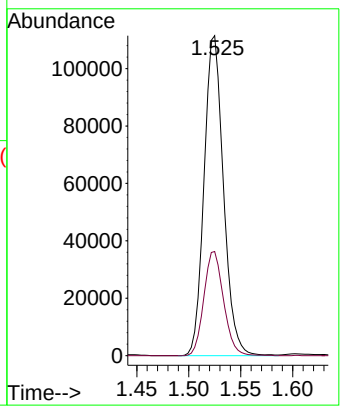


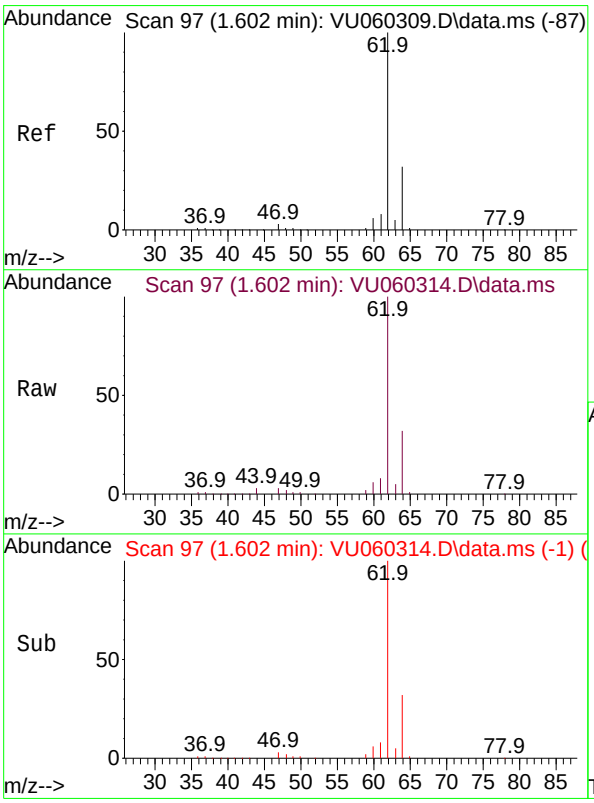
#3
Chloromethane
Concen: 9.053 ug/l
RT: 1.525 min Scan# 7
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 144774

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.5	39.7

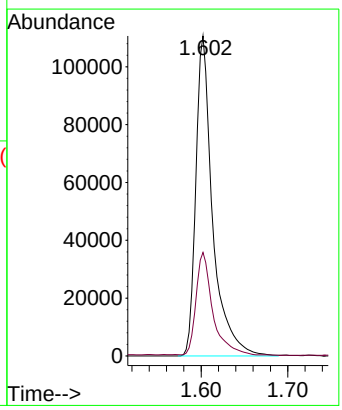


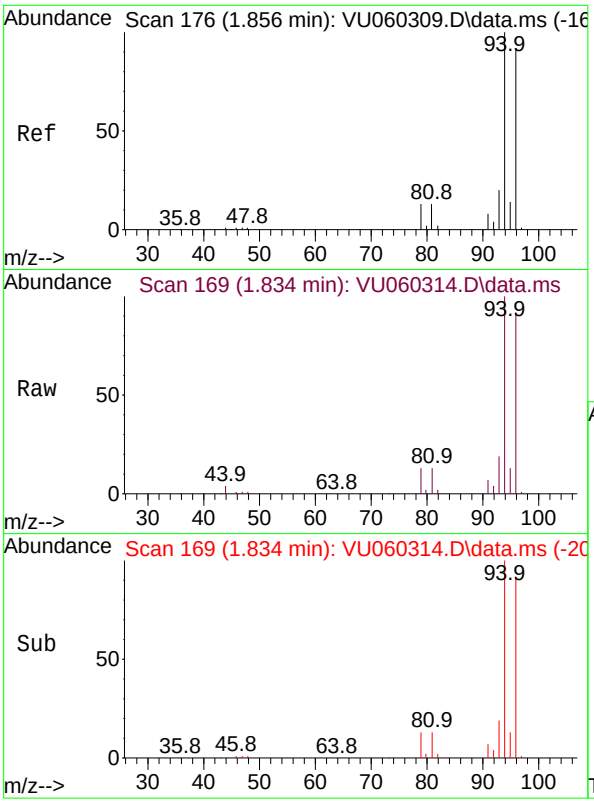


#4
Vinyl Chloride
Concen: 9.337 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 62 Resp: 149274

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.8	38.6



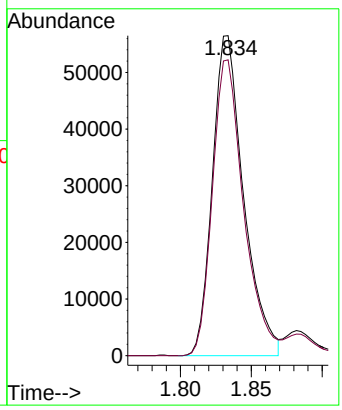


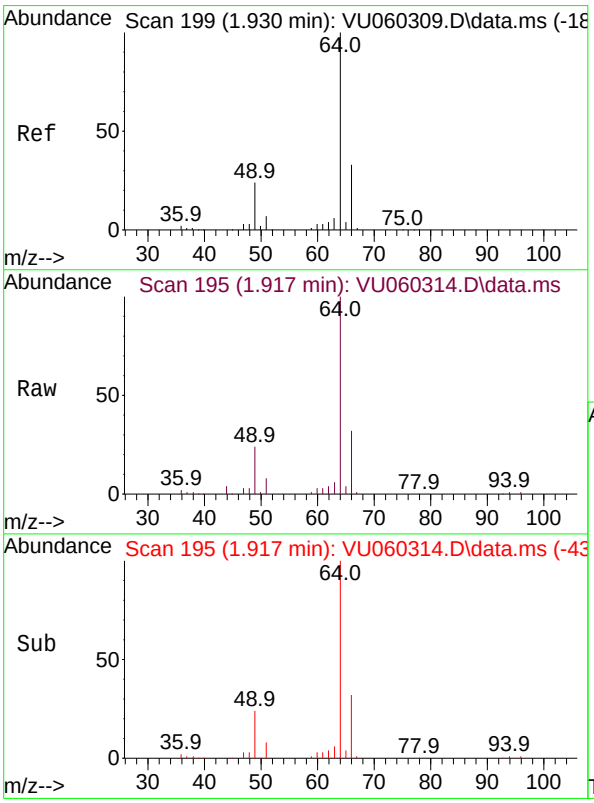
#5
Bromomethane
Concen: 8.830 ug/l
RT: 1.834 min Scan# 1(
Delta R.T. -0.022 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 94 Resp: 86747

Ion	Ratio	Lower	Upper
94	100		
96	92.4	73.8	110.8

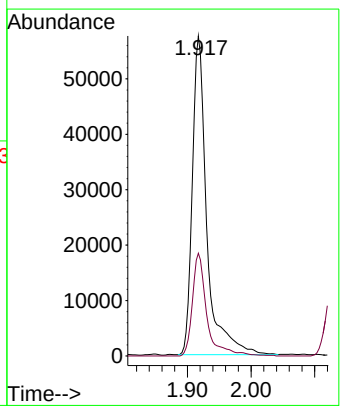


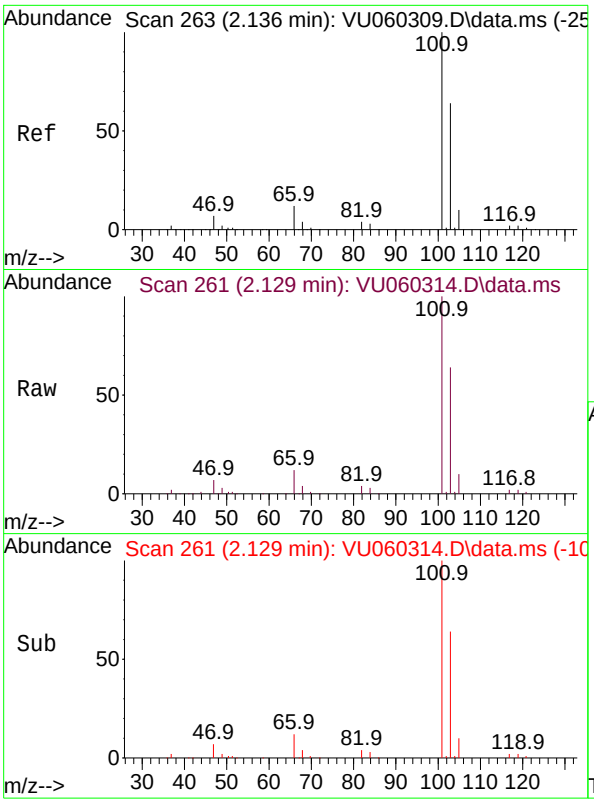


#6
Chloroethane
Concen: 9.399 ug/l
RT: 1.917 min Scan# 195
Delta R.T. -0.013 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 64 Resp: 90950

Ion	Ratio	Lower	Upper
64	100		
66	32.2	26.3	39.5



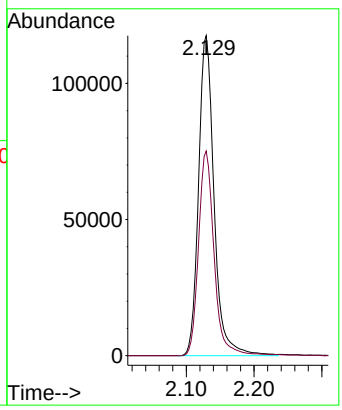


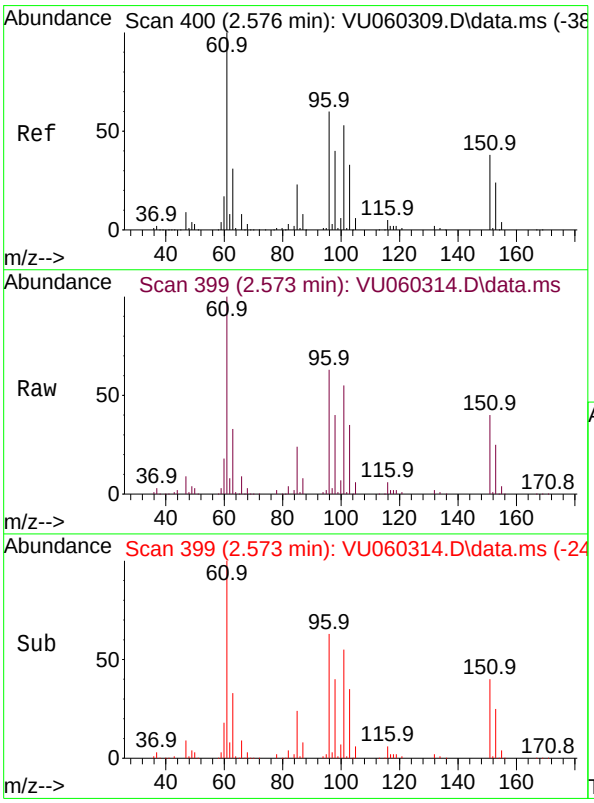
#7
Trichlorofluoromethane
Concen: 9.698 ug/l
RT: 2.129 min Scan# 2
Delta R.T. -0.006 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 187072

Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.0	76.4

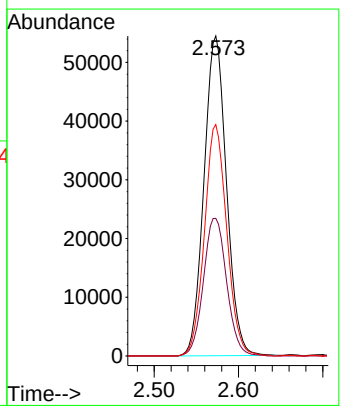


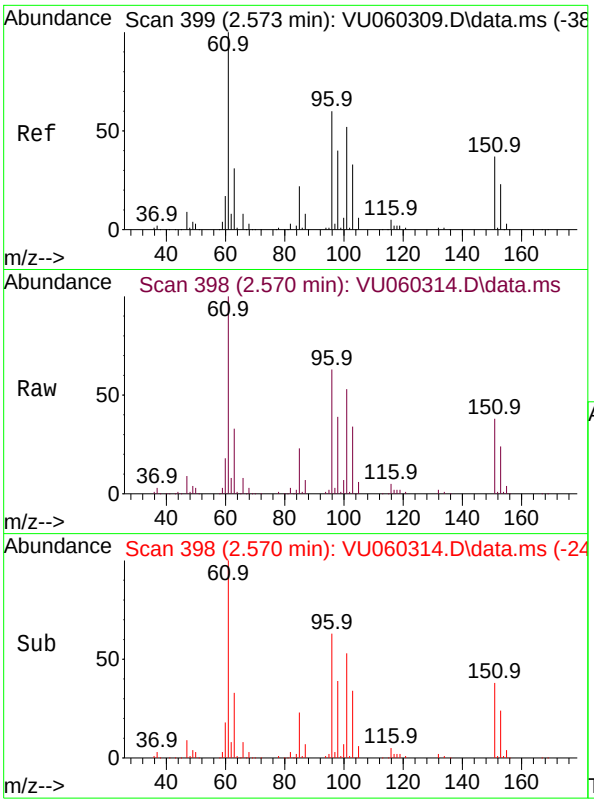


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.636 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:101 Resp: 101129

Ion	Ratio	Lower	Upper
101	100		
85	44.5	34.9	52.3
151	72.1	57.2	85.8



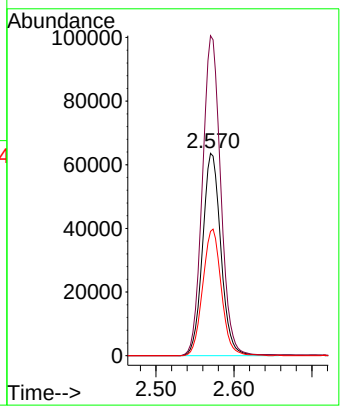


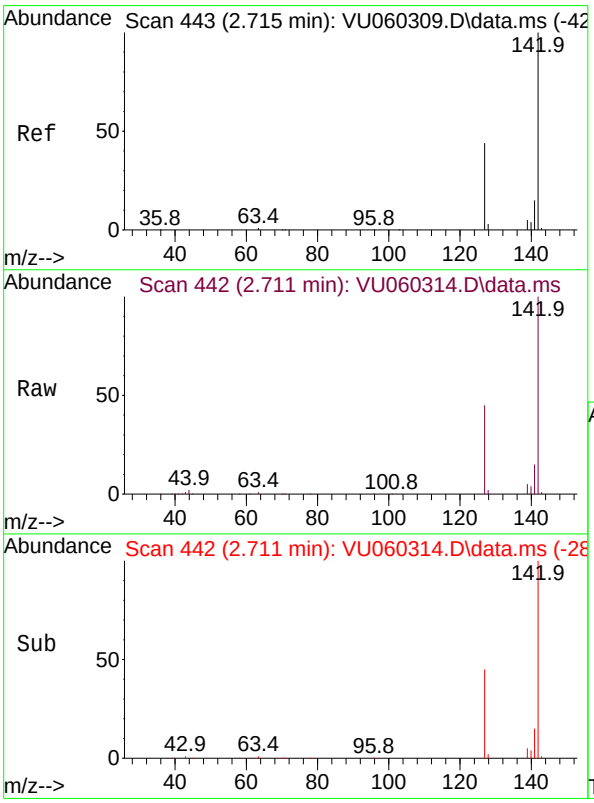
#9
1,1-Dichloroethene
Concen: 9.543 ug/l
RT: 2.570 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 103753

Ion	Ratio	Lower	Upper
96	100		
61	158.1	0.0	495.9
98	61.4	0.0	131.6

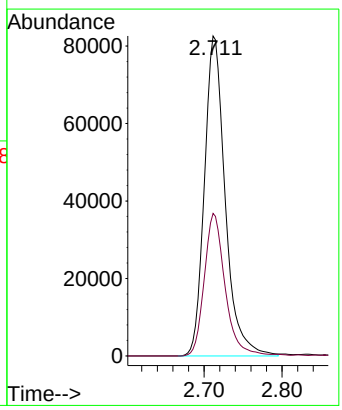


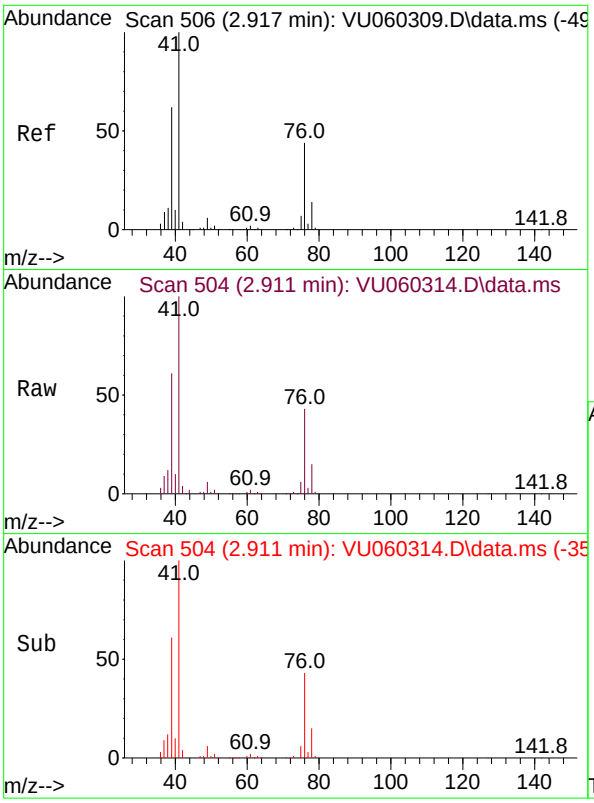


#10
Iodomethane
Concen: 9.499 ug/l
RT: 2.711 min Scan# 442
Delta R.T. -0.004 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:142 Resp: 153101

Ion	Ratio	Lower	Upper
142	100		
127	44.8	35.5	53.3



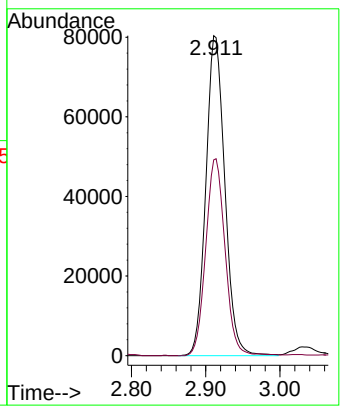


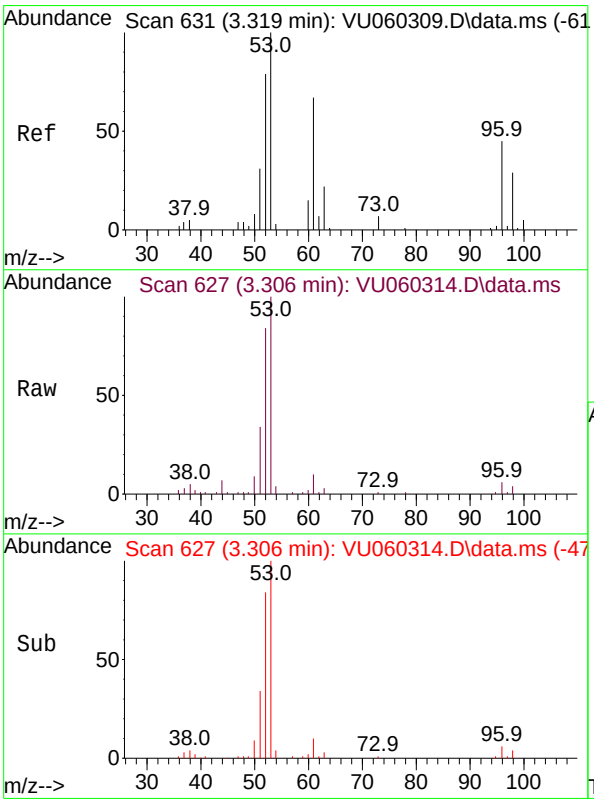
#11
Allyl Chloride
Concen: 9.557 ug/l
RT: 2.911 min Scan# 5
Delta R.T. -0.006 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 41 Resp: 142450

Ion	Ratio	Lower	Upper
41	100		
39	62.4	50.0	75.0

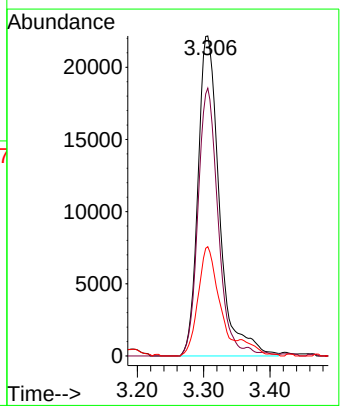


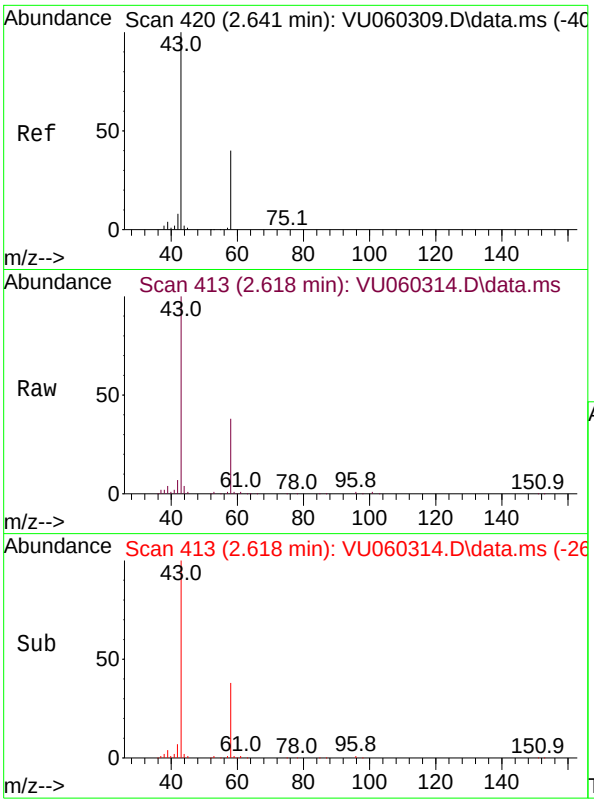


#12
Acrylonitrile
Concen: 17.583 ug/l
RT: 3.306 min Scan# 627
Delta R.T. -0.013 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 53 Resp: 49948

Ion	Ratio	Lower	Upper
53	100		
52	77.0	63.7	95.5
51	33.2	28.2	42.4



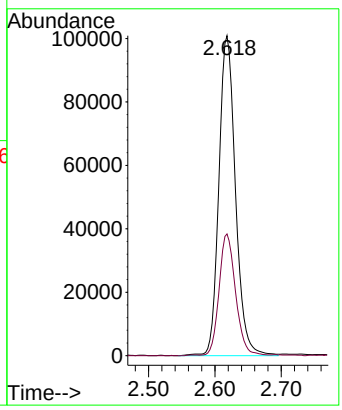


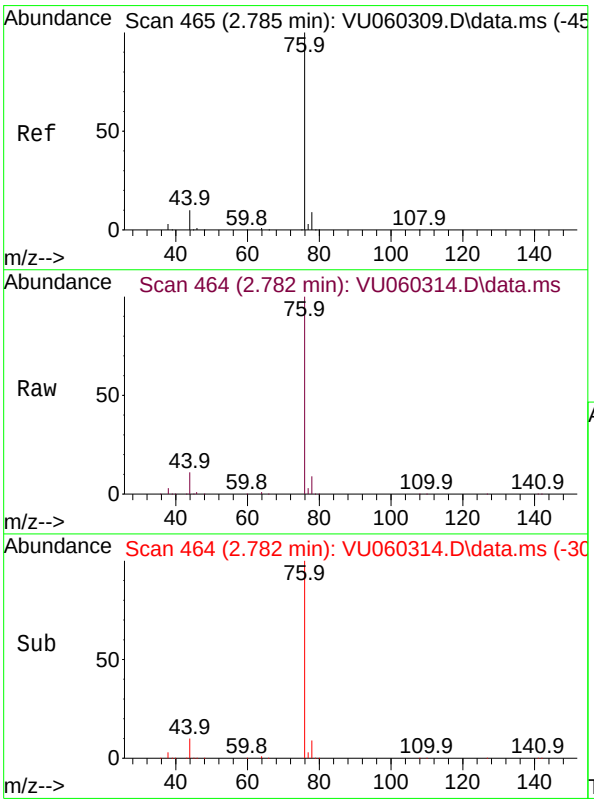
#13
Acetone
Concen: 50.940 ug/l
RT: 2.618 min Scan# 4
Delta R.T. -0.023 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 175758

Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.8	47.8

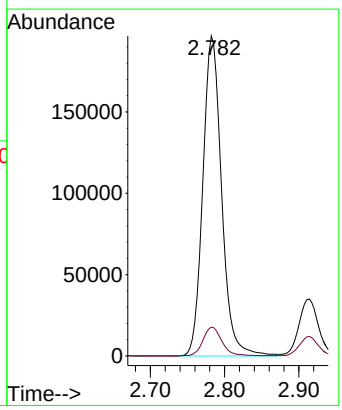


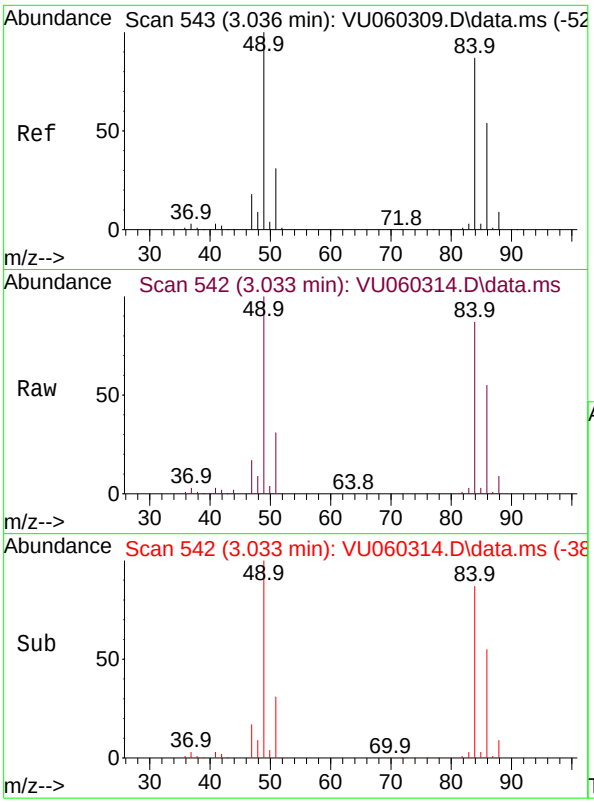


#14
Carbon Disulfide
Concen: 9.367 ug/l
RT: 2.782 min Scan# 464
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 76 Resp: 345332

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0



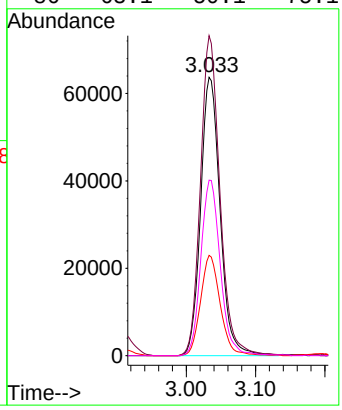


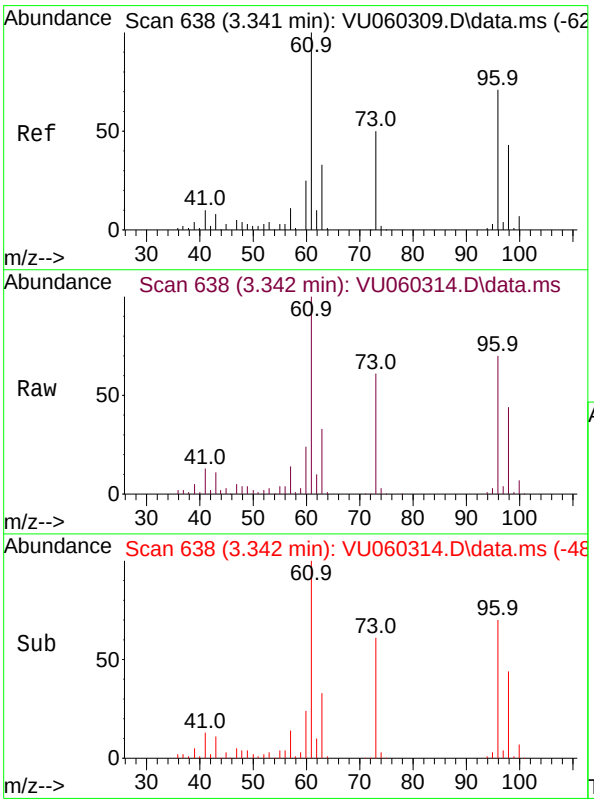
#15
Methylene Chloride
Concen: 9.146 ug/l
RT: 3.033 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 124483

Ion	Ratio	Lower	Upper
84	100		
49	115.0	92.1	138.1
51	36.1	0.0	72.4
86	63.1	50.1	75.1

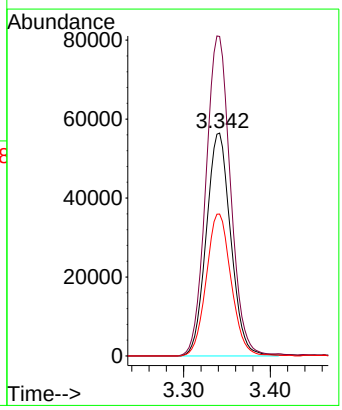


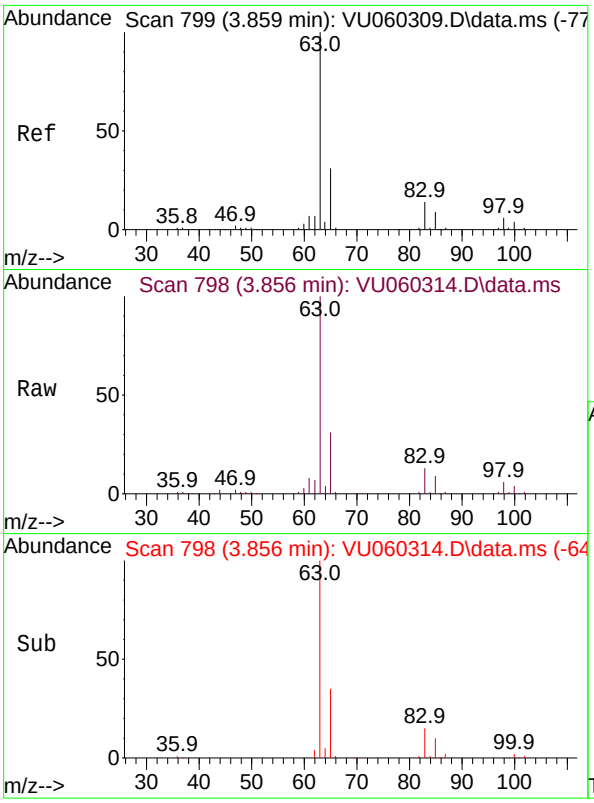


#16
trans-1,2-Dichloroethene
Concen: 9.507 ug/l
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 96 Resp: 110753

Ion	Ratio	Lower	Upper
96	100		
61	143.3	112.8	169.2
98	63.7	48.7	73.1



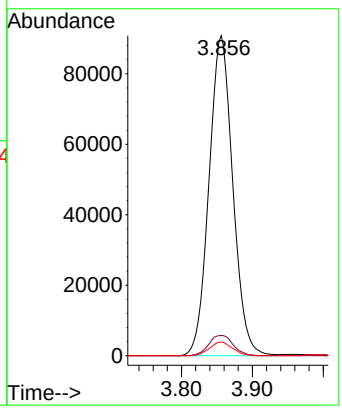


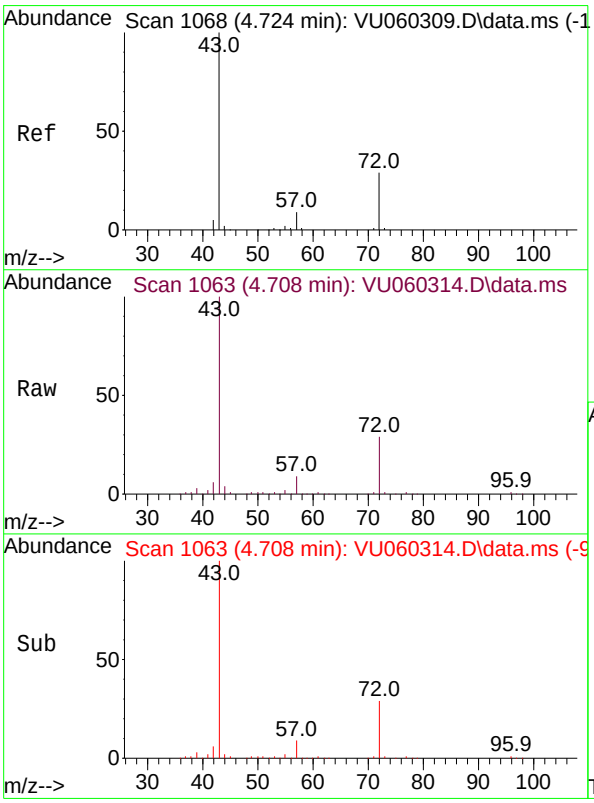
#17
1,1-Dichloroethane
Concen: 9.449 ug/l
RT: 3.856 min Scan# 7
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 211635

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.1	9.4
100	4.2	2.0	5.8

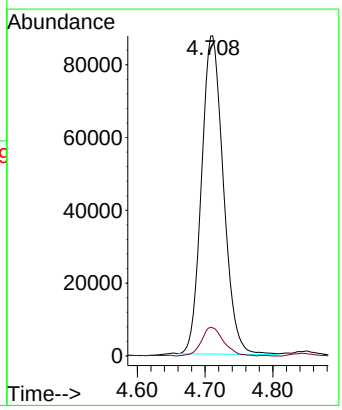


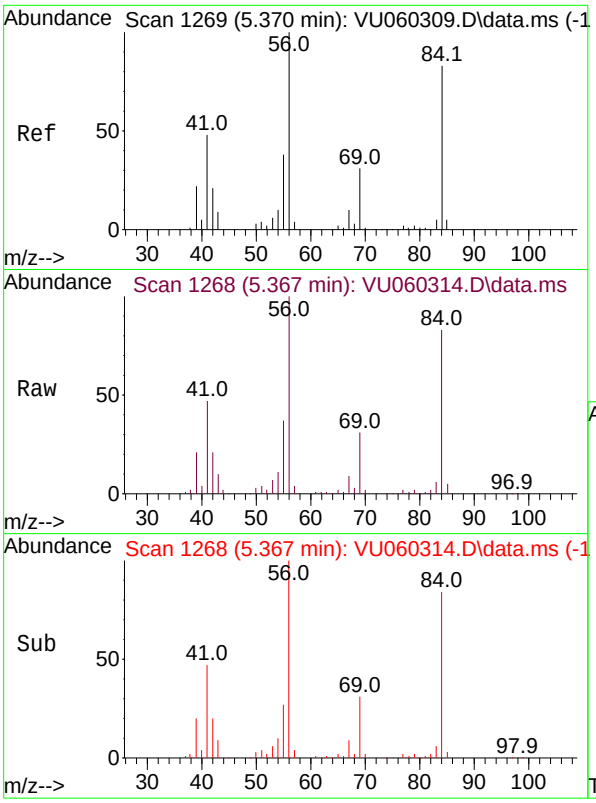


#18
2-Butanone
Concen: 49.145 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.016 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 43 Resp: 195884

Ion	Ratio	Lower	Upper
43	100		
57	9.0	0.0	18.4



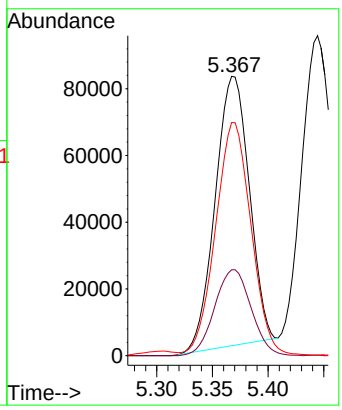


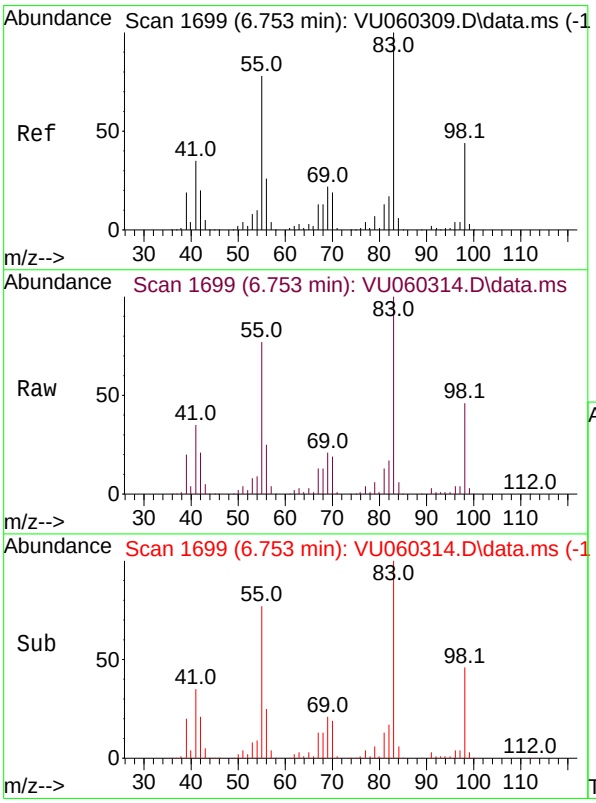
#19
Cyclohexane
Concen: 8.906 ug/l
RT: 5.367 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 171944

Ion	Ratio	Lower	Upper
56	100		
69	34.2	24.2	36.2
84	88.4	63.9	95.9

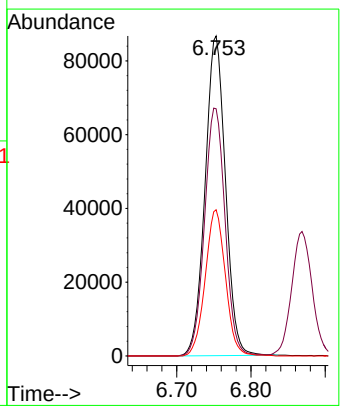


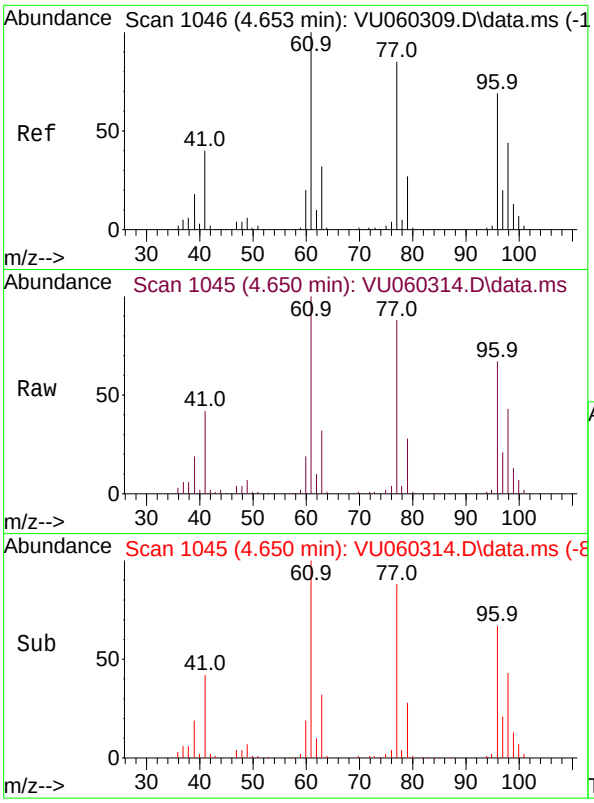


#20
Methylcyclohexane
Concen: 10.778 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 83 Resp: 165143

Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.2	93.2
98	45.4	36.1	54.1



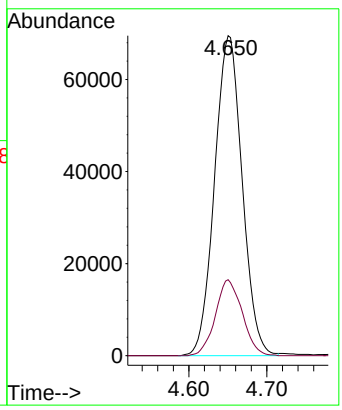


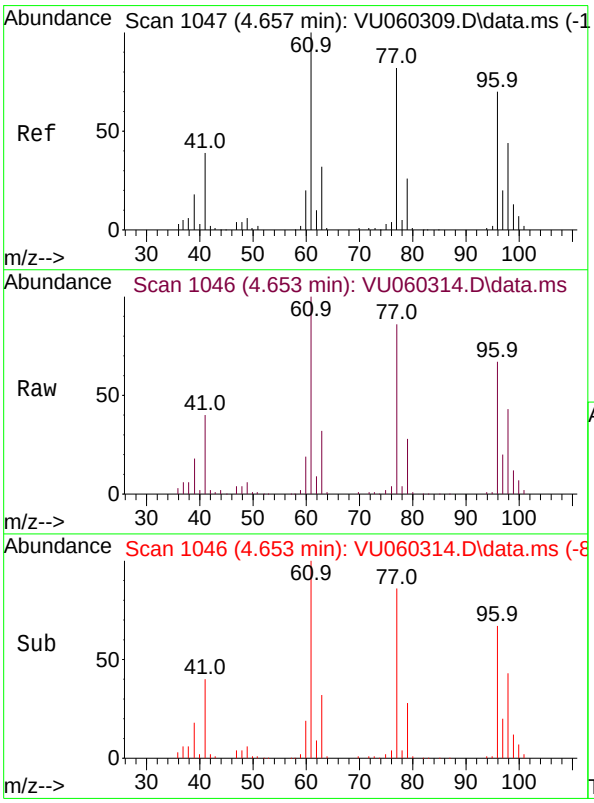
#21
2,2-Dichloropropane
Concen: 9.805 ug/l
RT: 4.650 min Scan# 1(
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 77 Resp: 171029

Ion	Ratio	Lower	Upper
77	100		
97	23.1	18.6	27.8

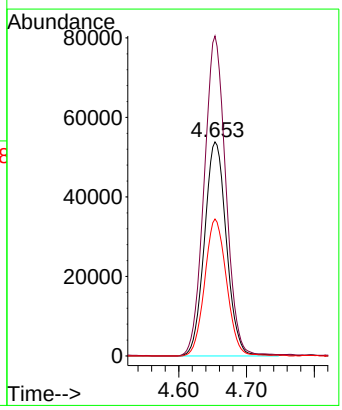


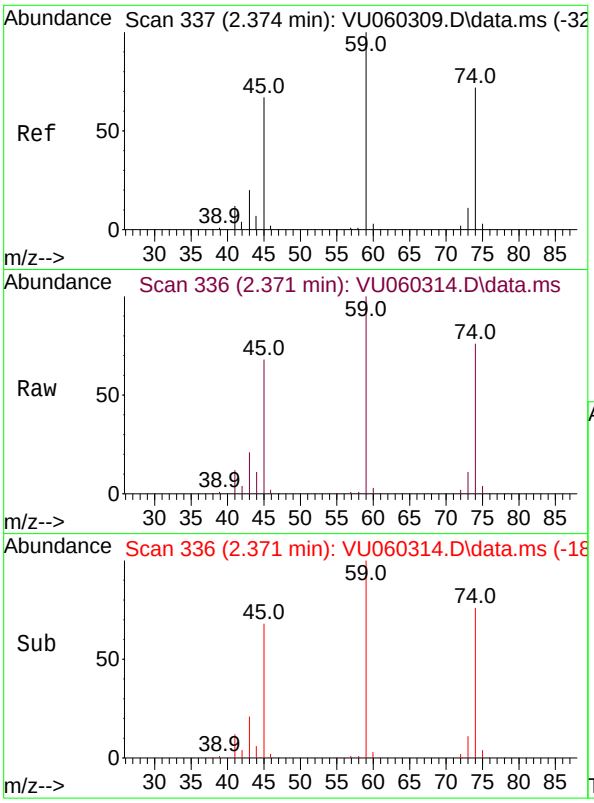


#22
cis-1,2-Dichloroethene
Concen: 9.725 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 96 Resp: 121360

Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	372.8
98	63.6	31.8	95.4



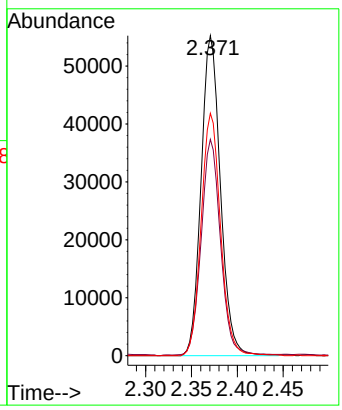


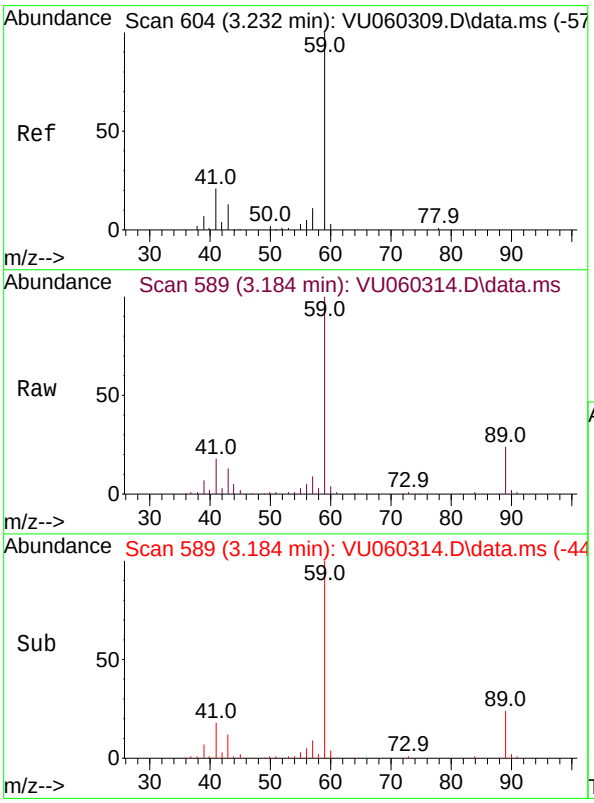
#23
Diethyl Ether
Concen: 9.171 ug/l
RT: 2.371 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 59 Resp: 81035

Ion	Ratio	Lower	Upper
59	100		
45	67.0	55.8	83.6
74	75.9	59.2	88.8

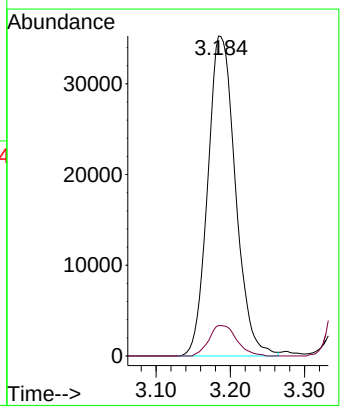


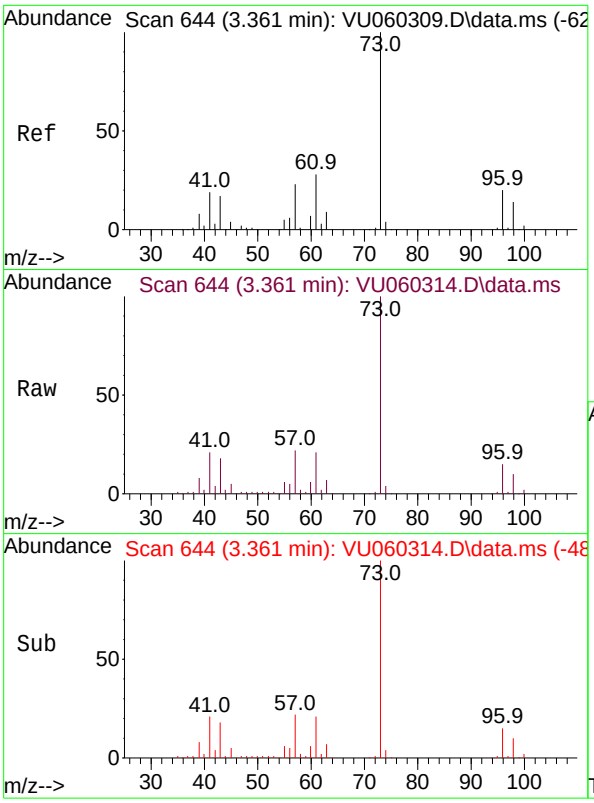


#24
tert-Butyl Alcohol
Concen: 82.837 ug/l
RT: 3.184 min Scan# 589
Delta R.T. -0.048 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 59 Resp: 91424

Ion	Ratio	Lower	Upper
59	100		
57	9.5	4.5	6.7#



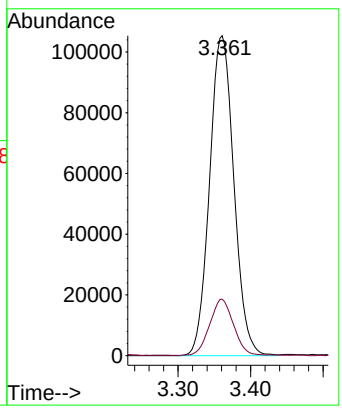


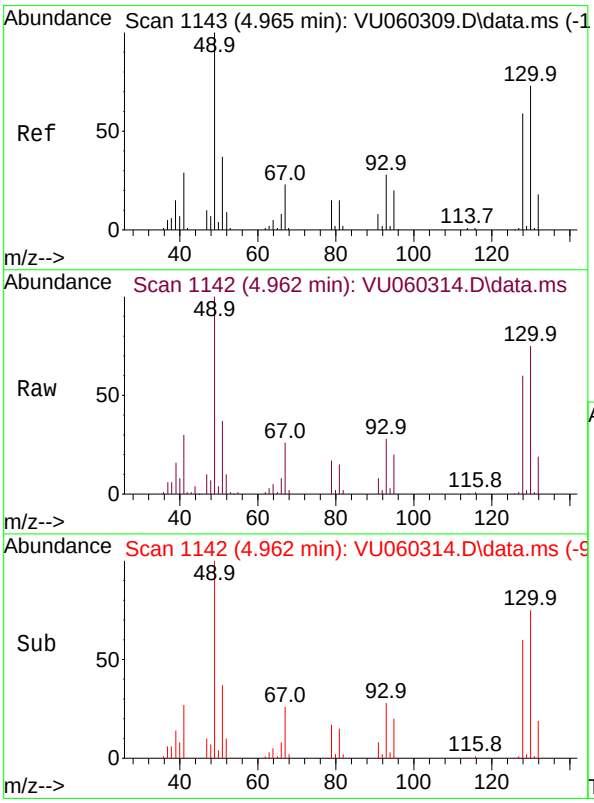
#25
Methyl tert-Butyl Ether
Concen: 9.204 ug/l
RT: 3.361 min Scan# 6
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 245658

Ion	Ratio	Lower	Upper
73	100		
43	17.1	14.1	21.1

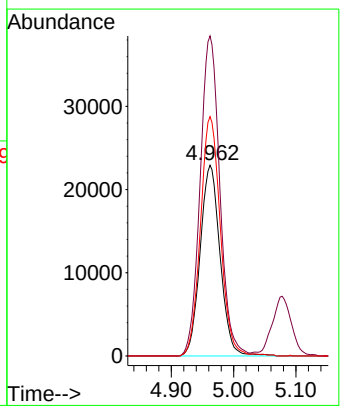


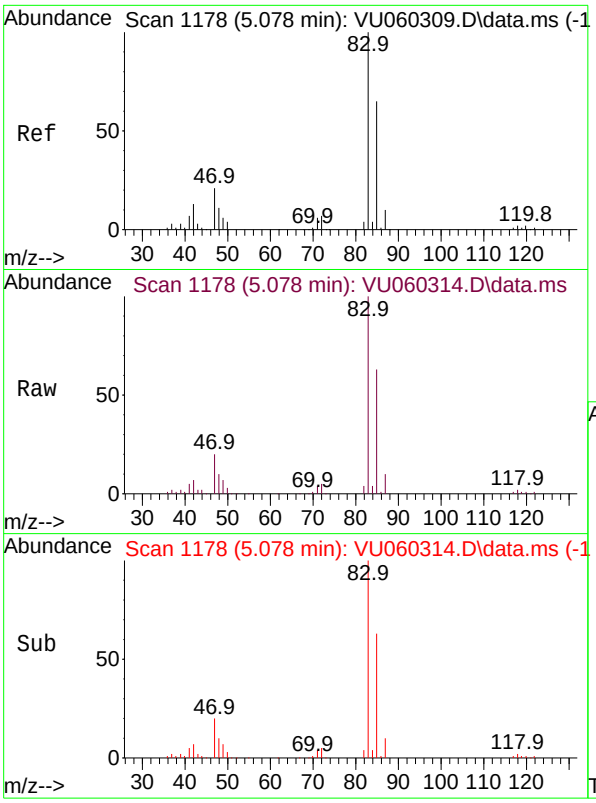


#26
Bromochloromethane
Concen: 9.642 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:128 Resp: 50952

Ion	Ratio	Lower	Upper
128	100		
49	165.7	0.0	340.8
130	124.7	102.1	153.1



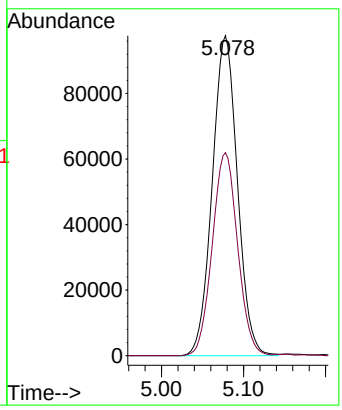


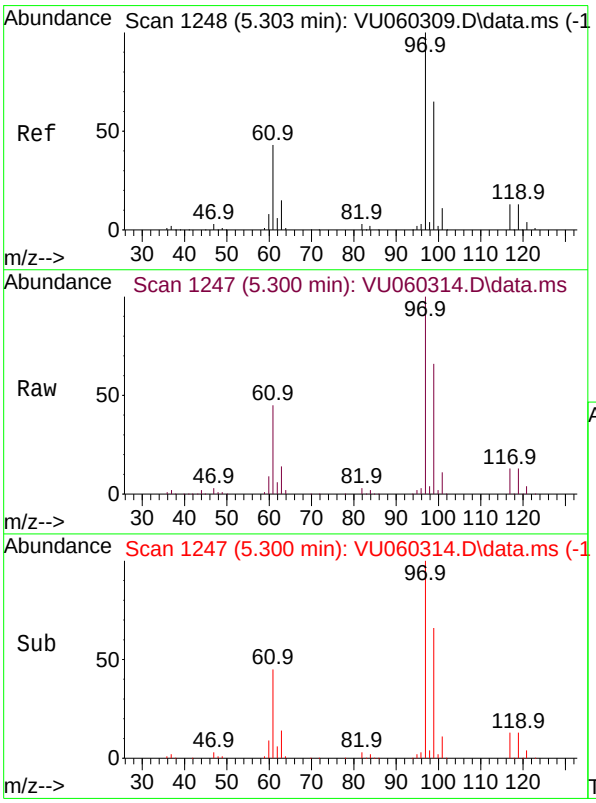
#27
Chloroform
Concen: 9.505 ug/l
RT: 5.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 208317

Ion	Ratio	Lower	Upper
83	100		
85	63.5	0.0	131.0

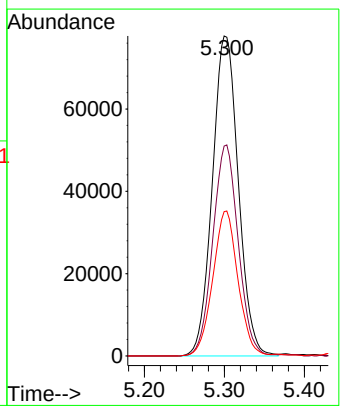


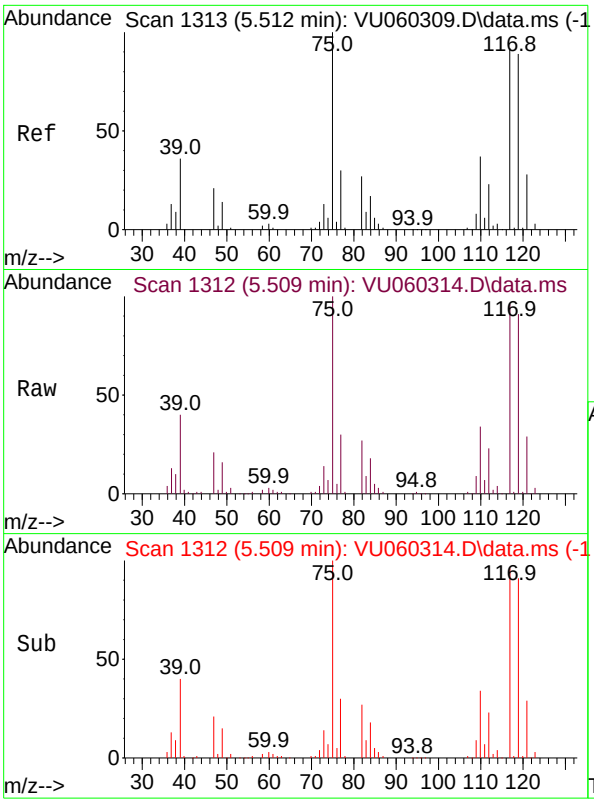


#28
1,1,1-Trichloroethane
Concen: 9.642 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 97 Resp: 175525

Ion	Ratio	Lower	Upper
97	100		
99	64.6	32.8	98.4
61	43.8	22.3	66.9



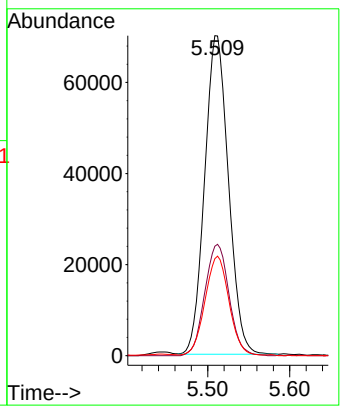


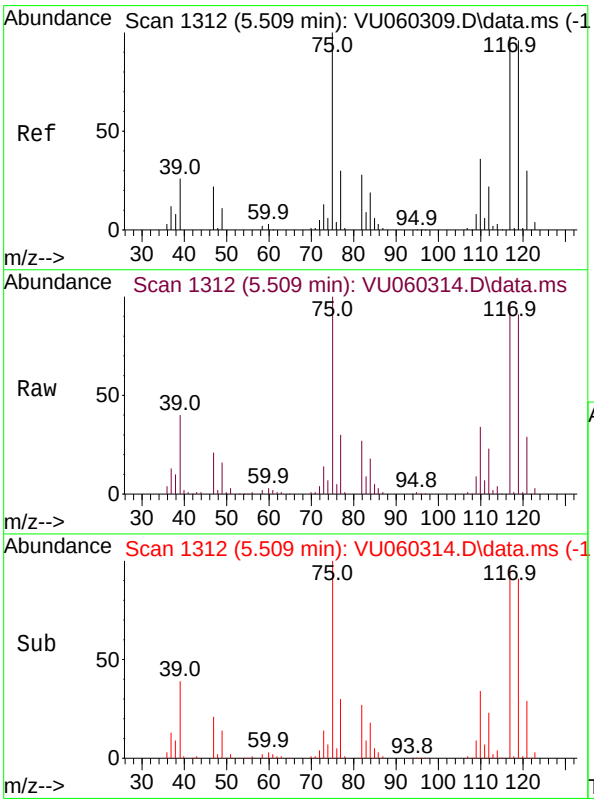
#29
1,1-Dichloropropene
Concen: 9.661 ug/l
RT: 5.509 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 140926

Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.4	55.2
77	30.9	24.8	37.2

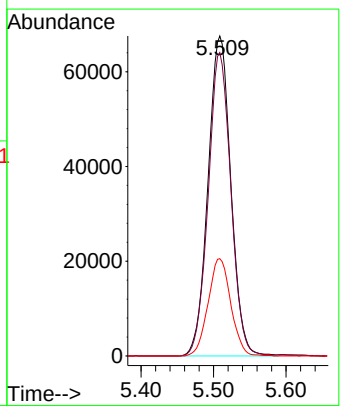


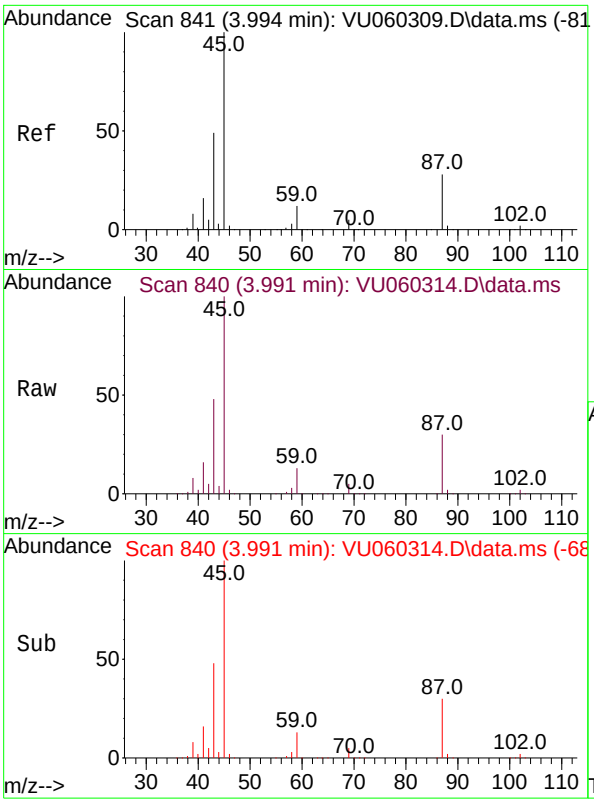


#30
Carbon Tetrachloride
Concen: 9.955 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:117 Resp: 147698

Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.8	116.6
121	30.4	24.2	36.2



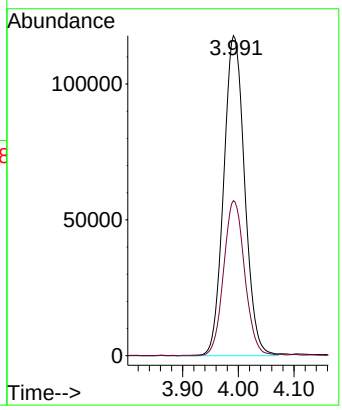


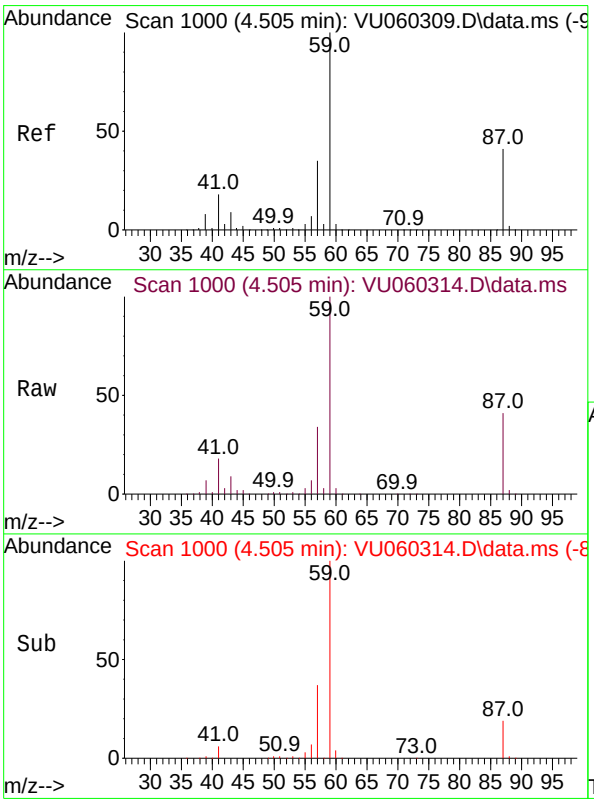
#31
Isopropyl Ether
Concen: 9.431 ug/l
RT: 3.991 min Scan# 8
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 45 Resp: 308788

Ion	Ratio	Lower	Upper
45	100		
43	48.7	24.7	74.1

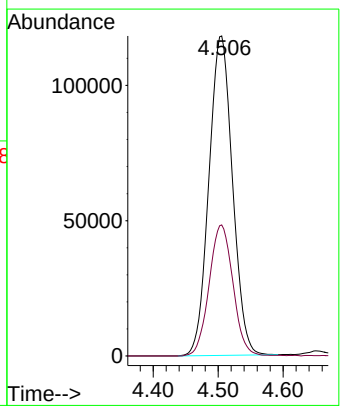


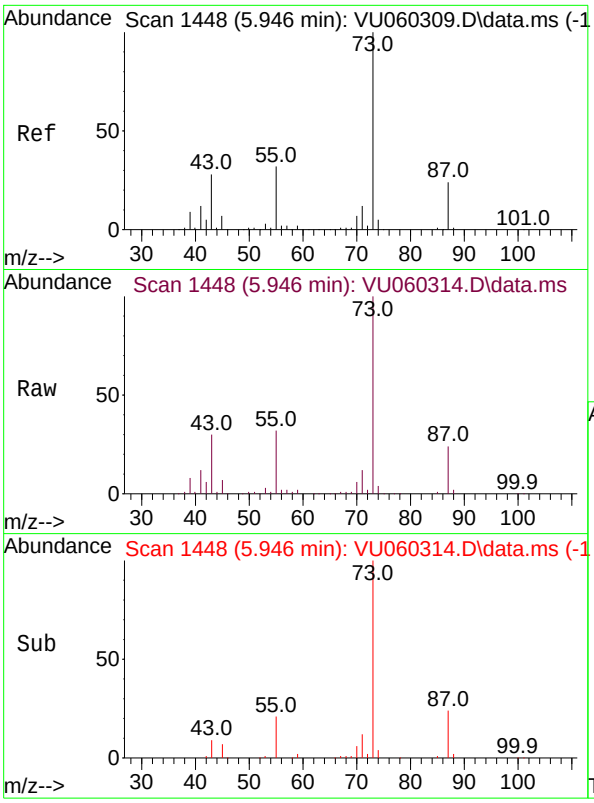


#32
Ethyl-t-butyl ether
Concen: 9.393 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 59 Resp: 297225

Ion	Ratio	Lower	Upper
59	100		
87	41.2	32.6	49.0



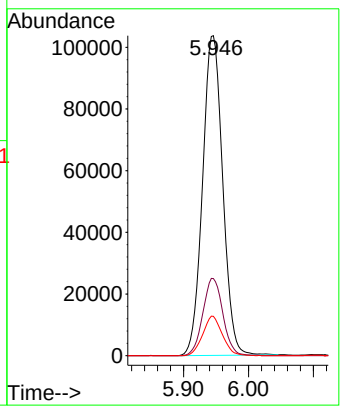


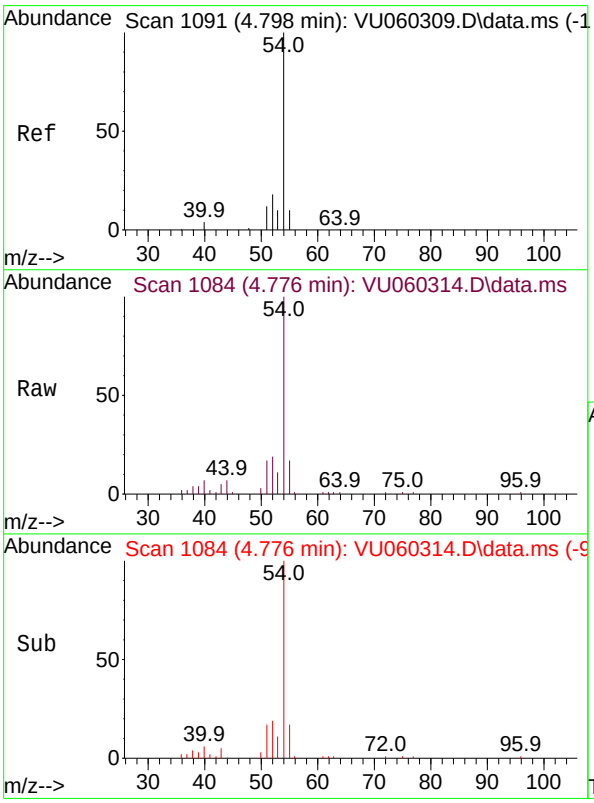
#33
Tert-Amyl methyl ether
Concen: 9.966 ug/l
RT: 5.946 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 223861

Ion	Ratio	Lower	Upper
73	100		
87	23.8	19.6	29.4
71	12.1	9.5	14.3

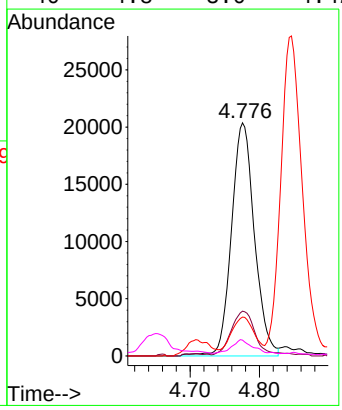


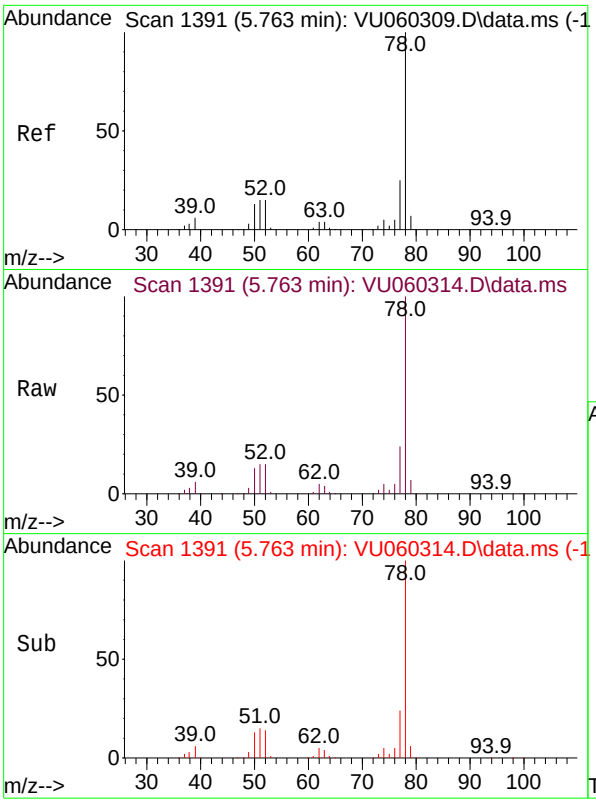


#34
Propionitrile
Concen: 41.196 ug/l
RT: 4.776 min Scan# 1084
Delta R.T. -0.022 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 54 Resp: 46932

Ion	Ratio	Lower	Upper
54	100		
52	19.7	16.4	24.6
55	16.5	5.2	7.8#
40	4.8	3.0	4.4#



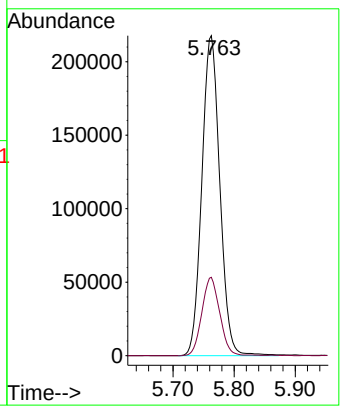


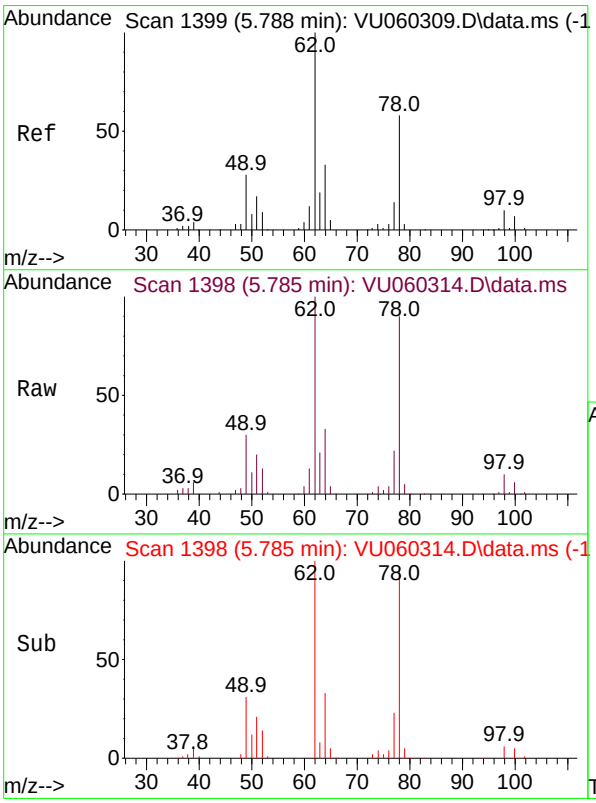
#35
Benzene
Concen: 9.891 ug/l
RT: 5.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 444594

Ion	Ratio	Lower	Upper
78	100		
77	24.5	20.2	30.2

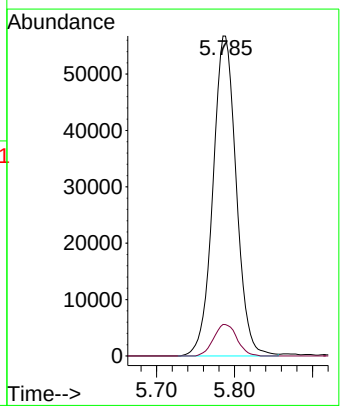


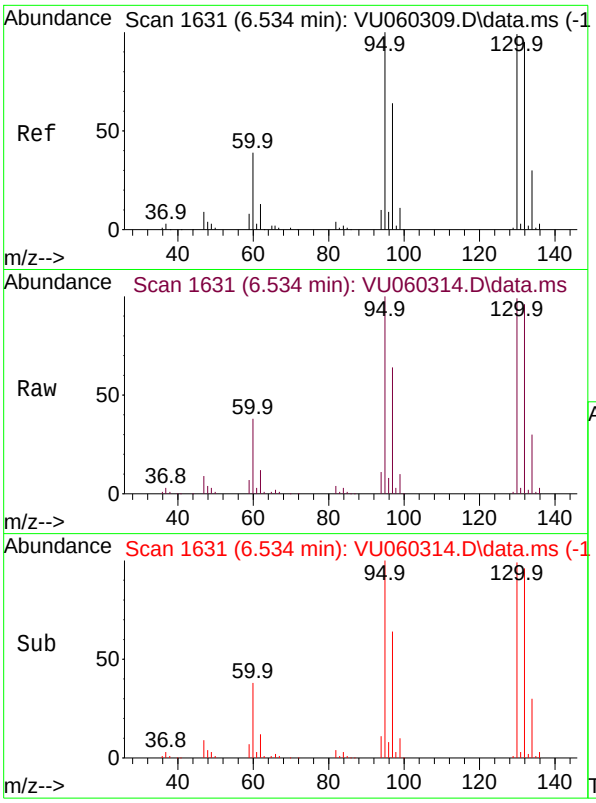


#36
1,2-Dichloroethane
Concen: 9.450 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 62 Resp: 118041

Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.1	12.1



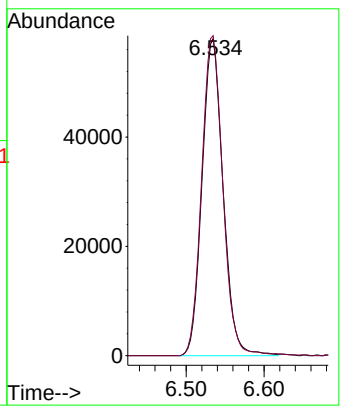


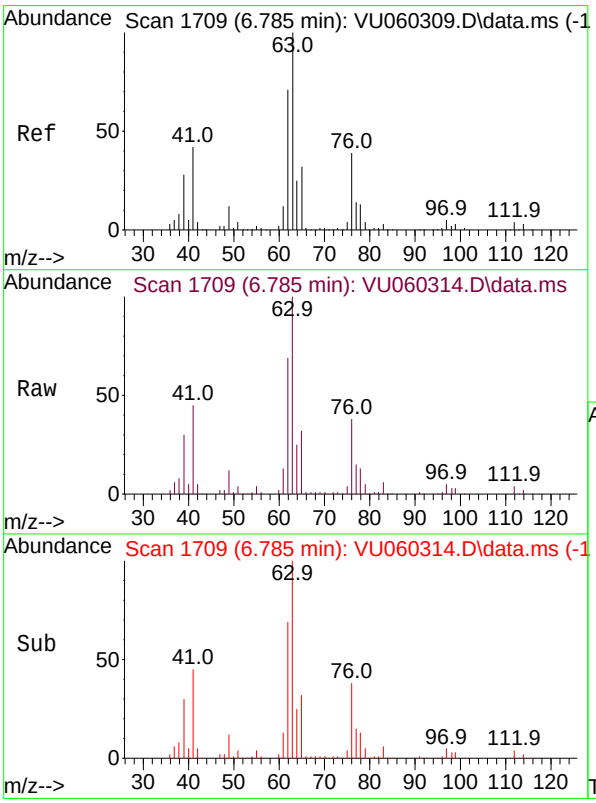
#37
Trichloroethene
Concen: 9.744 ug/l
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:130 Resp: 108425

Ion	Ratio	Lower	Upper
130	100		
95	101.0	80.6	121.0

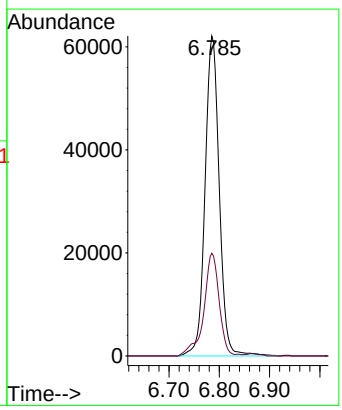


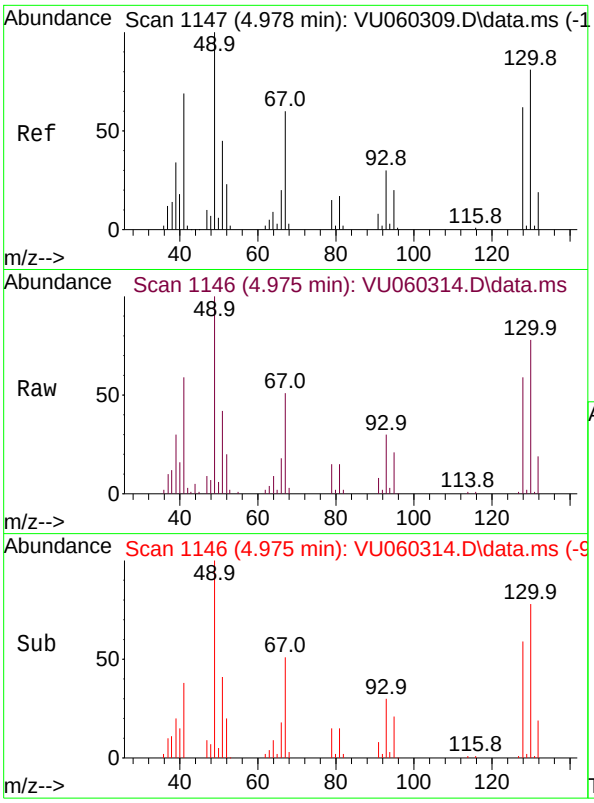


#38
1,2-Dichloropropane
Concen: 10.030 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 63 Resp: 121962

Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.6	38.4



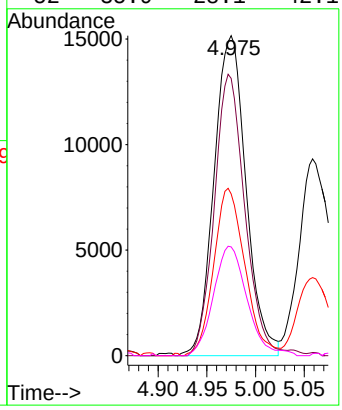


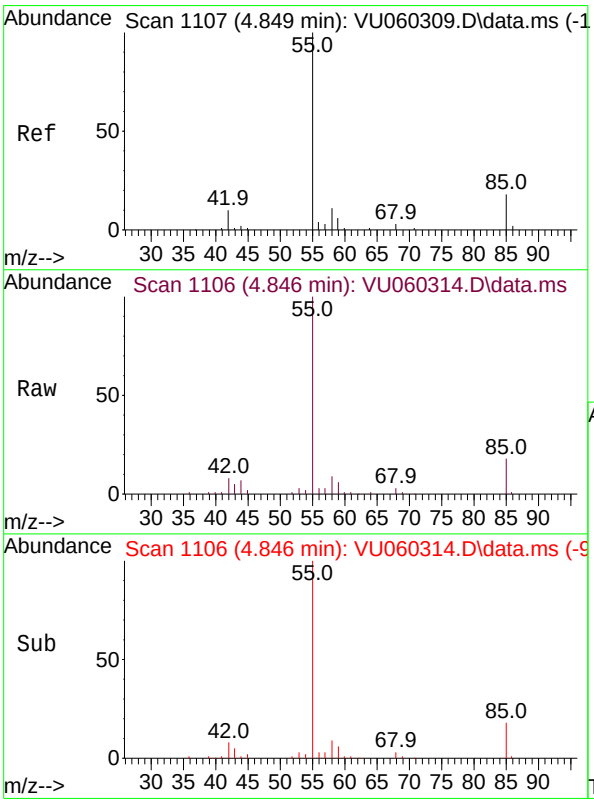
#39
Methacrylonitrile
Concen: 8.408 ug/l
RT: 4.975 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 41 Resp: 34666

Ion	Ratio	Lower	Upper
41	100		
67	83.7	67.4	101.0
39	51.1	41.7	62.5
52	35.9	28.1	42.1

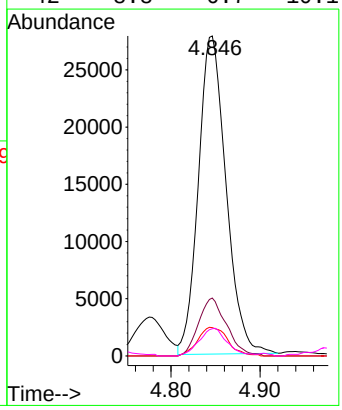


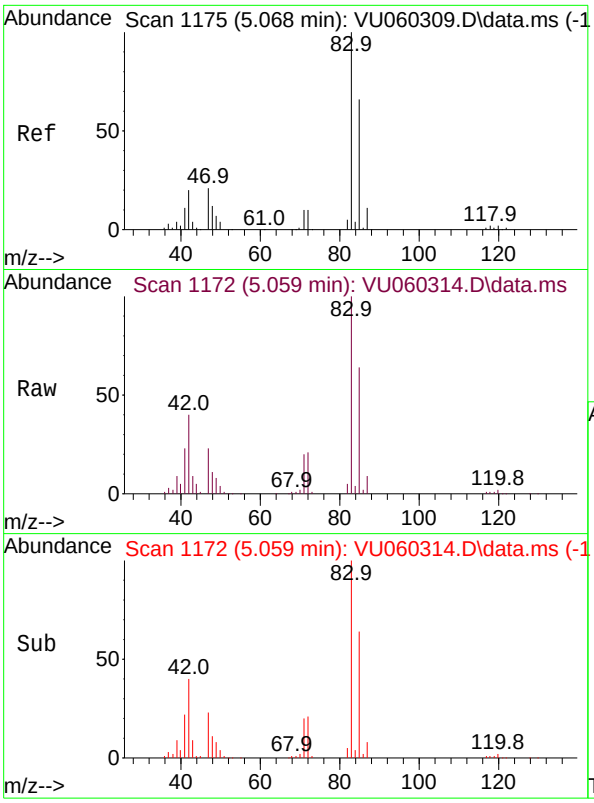


#40
Methyl acrylate
Concen: 8.308 ug/l
RT: 4.846 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 55 Resp: 59984

Ion	Ratio	Lower	Upper
55	100		
85	18.4	13.6	20.4
58	9.8	7.6	11.4
42	8.8	6.7	10.1



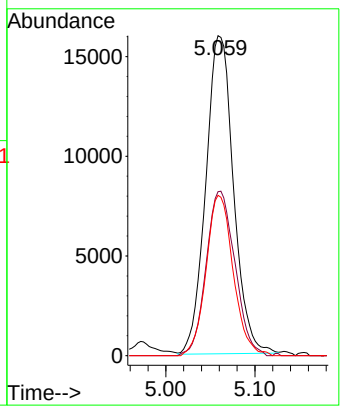


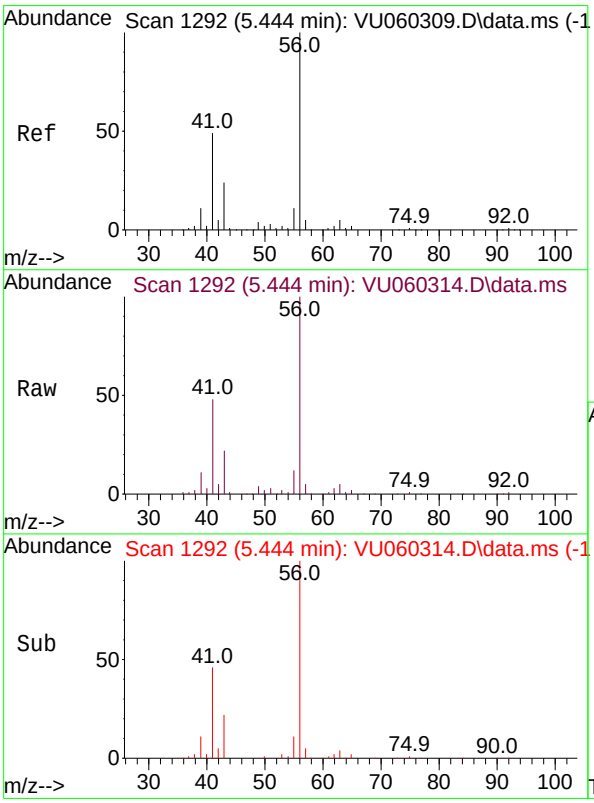
#41
Tetrahydrofuran
Concen: 15.401 ug/l
RT: 5.059 min Scan# 1
Delta R.T. -0.010 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 42 Resp: 34577

Ion	Ratio	Lower	Upper
42	100		
72	53.6	40.6	60.8
71	49.3	38.0	57.0

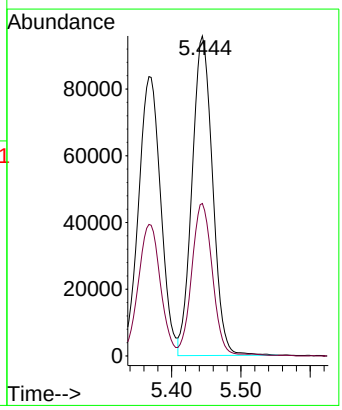


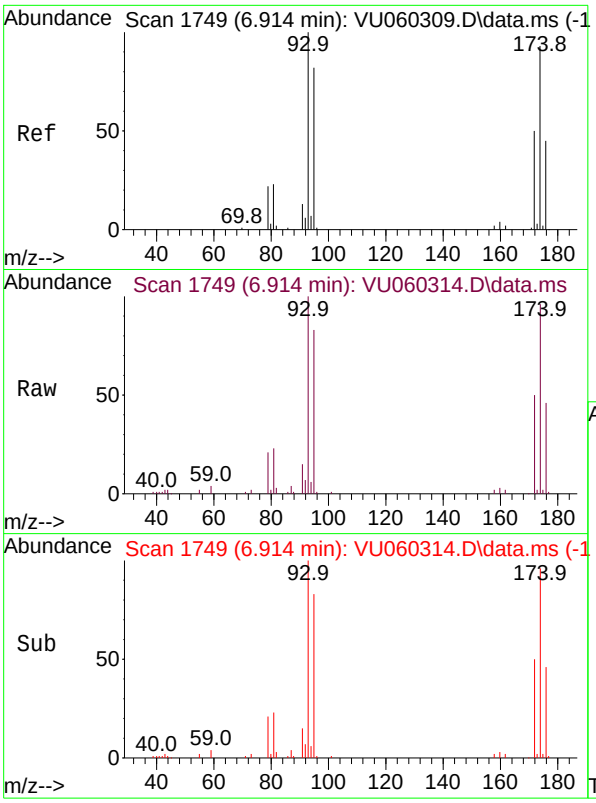


#42
1-Chlorobutane
Concen: 9.799 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 56 Resp: 197076

Ion	Ratio	Lower	Upper
56	100		
41	46.9	23.8	71.5



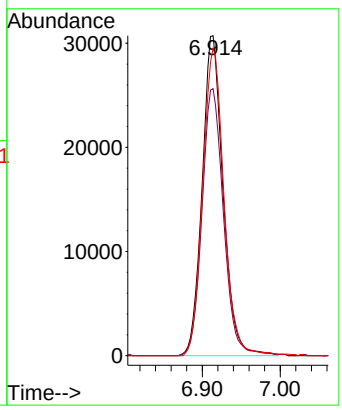


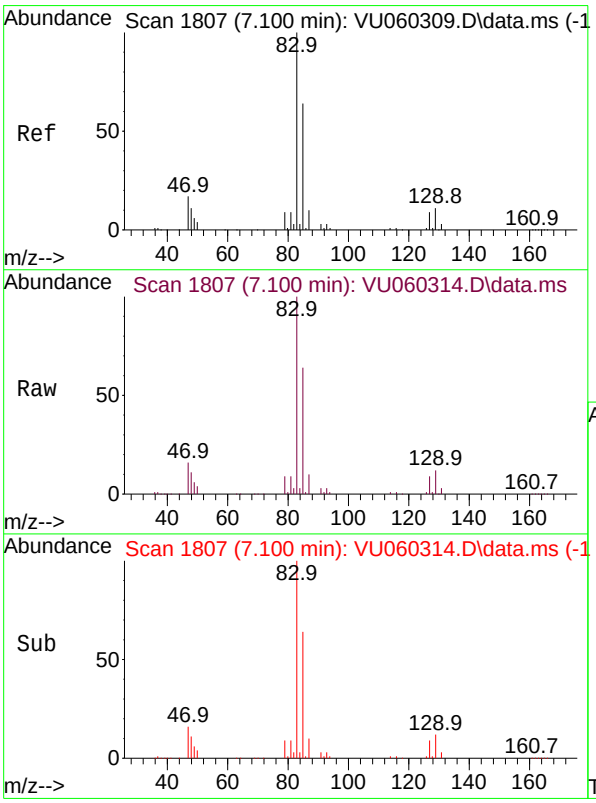
#43
Dibromomethane
Concen: 9.307 ug/l
RT: 6.914 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 93 Resp: 57247

Ion	Ratio	Lower	Upper
93	100		
95	85.7	66.4	99.6
174	97.6	75.2	112.8

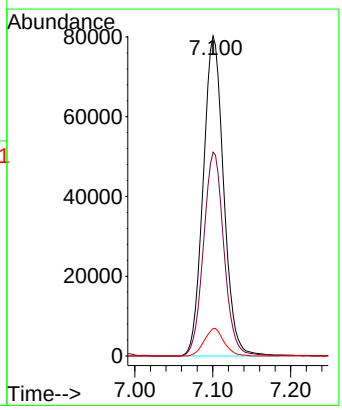


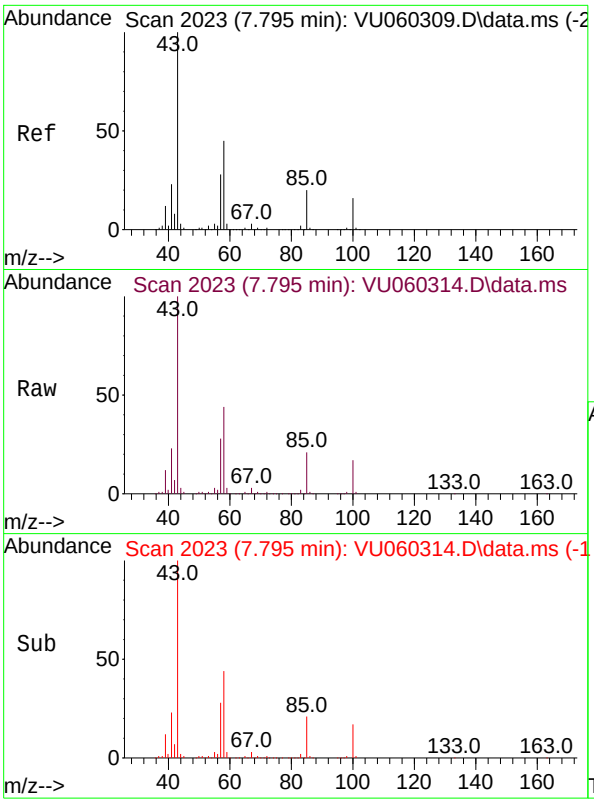


#44
Bromodichloromethane
Concen: 9.920 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 83 Resp: 146507

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.3	76.9
127	8.5	6.8	10.2



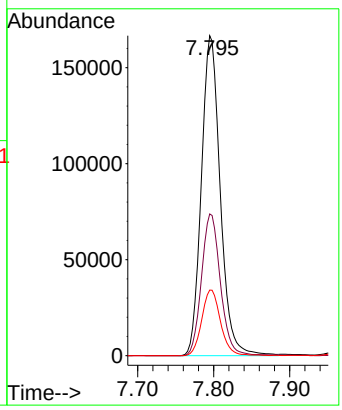


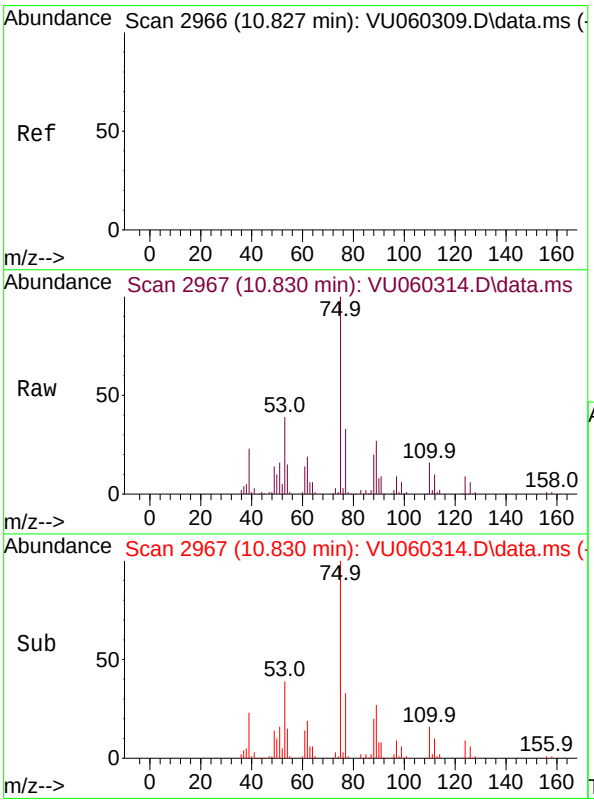
#45
4-Methyl-2-Pentanone
Concen: 49.896 ug/l
RT: 7.795 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 288183

Ion	Ratio	Lower	Upper
43	100		
58	44.6	22.3	66.9
85	20.4	16.0	24.0

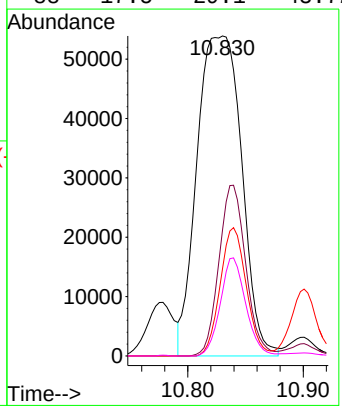


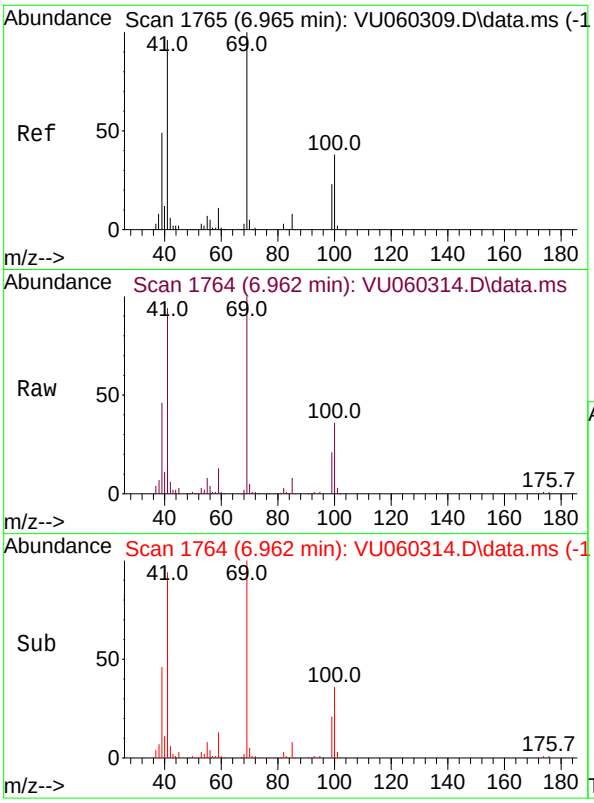


#46
t-1,4-Dichloro-2-butene
Concen: 44.707 ug/l
RT: 10.830 min Scan# 2967
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 75 Resp: 144693

Ion	Ratio	Lower	Upper
75	100		
53	32.0	57.2	85.8#
89	23.5	40.4	60.6#
88	17.5	29.1	43.7#



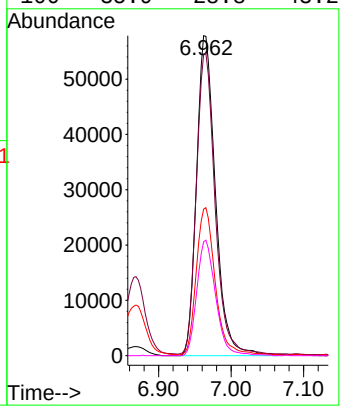


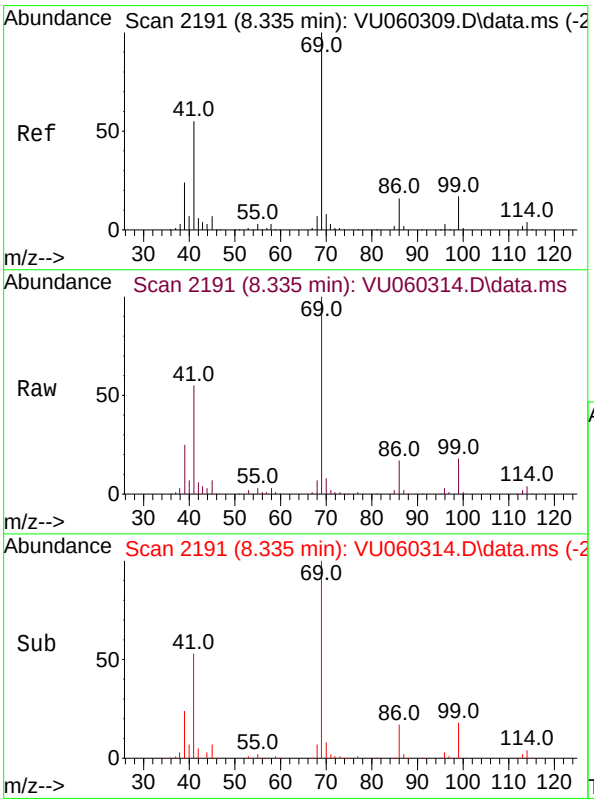
#47
Methyl methacrylate
Concen: 21.040 ug/l
RT: 6.962 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 69 Resp: 105016

Ion	Ratio	Lower	Upper
69	100		
41	92.8	0.0	194.0
39	46.4	38.0	57.0
100	35.9	28.8	43.2

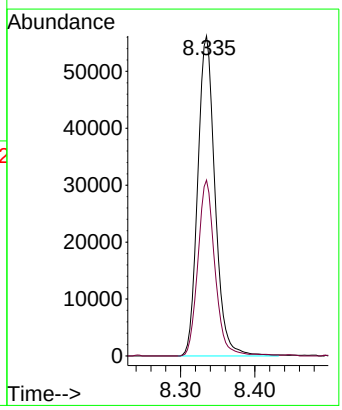


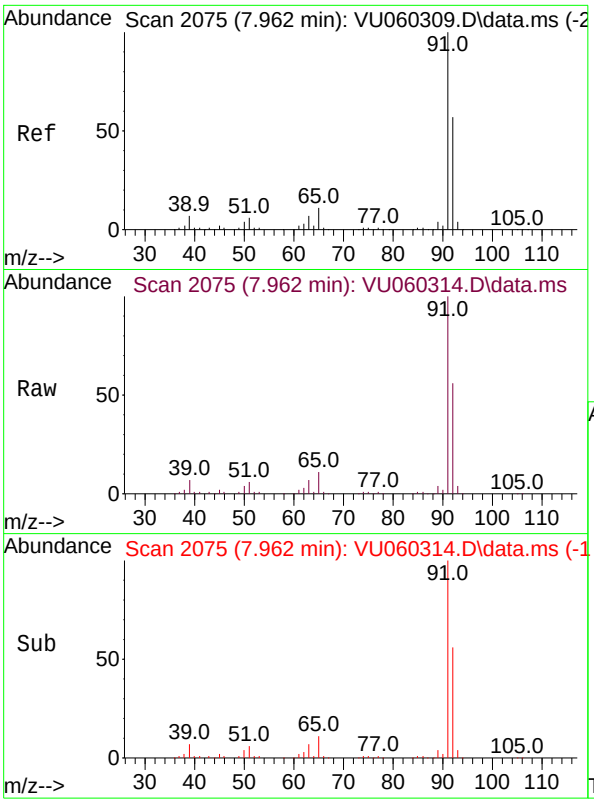


#48
Ethyl methacrylate
Concen: 10.741 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 69 Resp: 91022

Ion	Ratio	Lower	Upper
69	100		
41	53.8	27.5	82.5



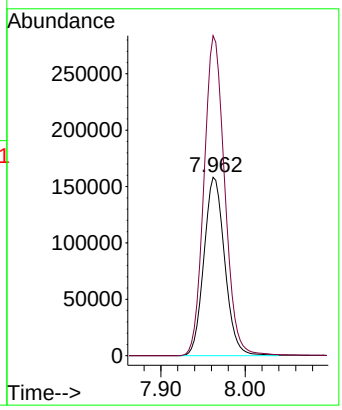


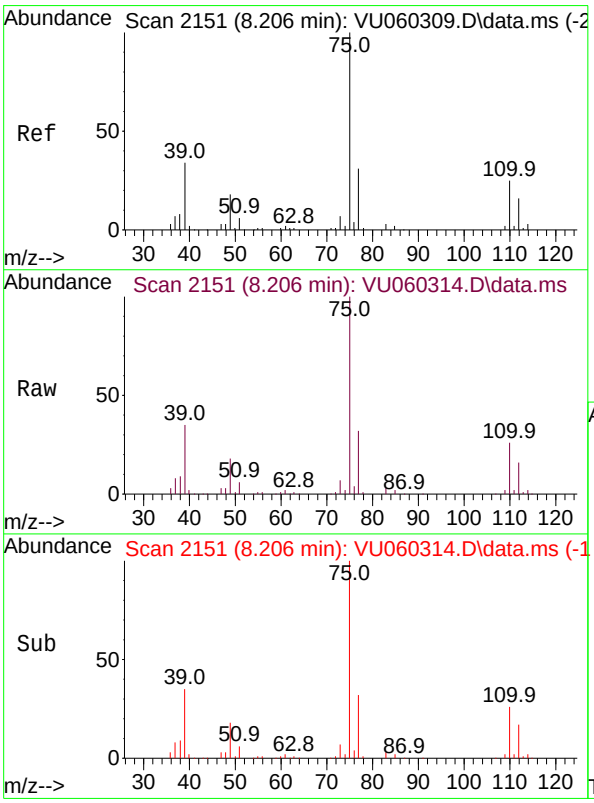
#49
Toluene
Concen: 10.923 ug/l
RT: 7.962 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 92 Resp: 272247

Ion	Ratio	Lower	Upper
92	100		
91	179.3	141.0	211.4

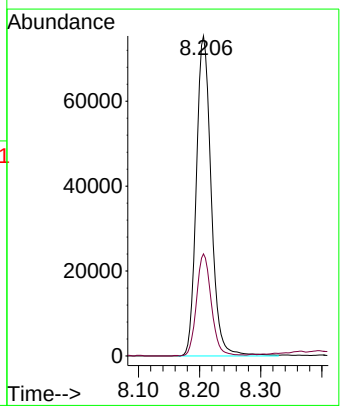


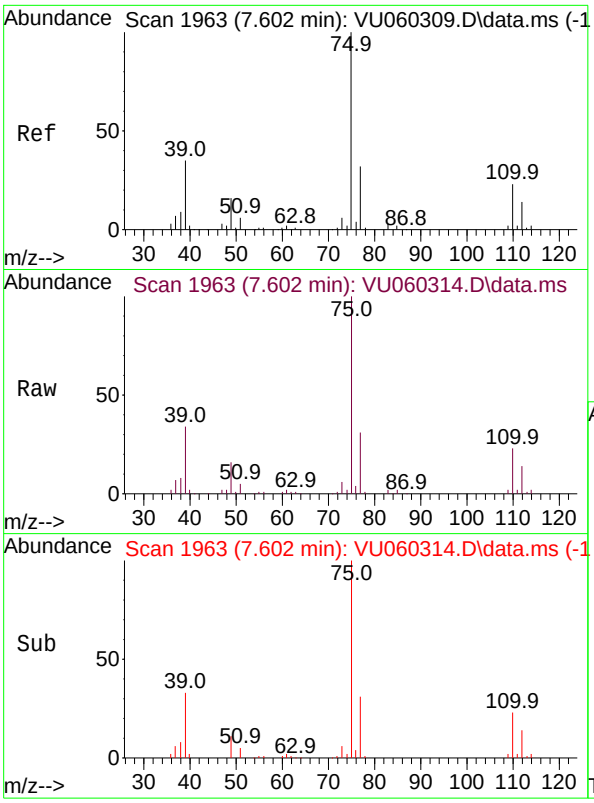


#50
t-1,3-Dichloropropene
Concen: 10.422 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 75 Resp: 127073

Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	37.0



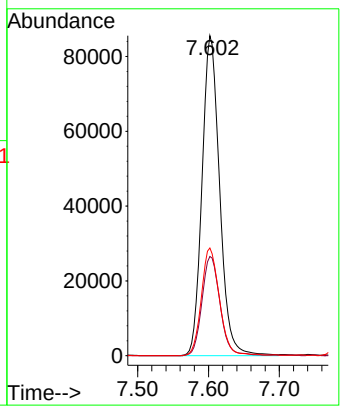


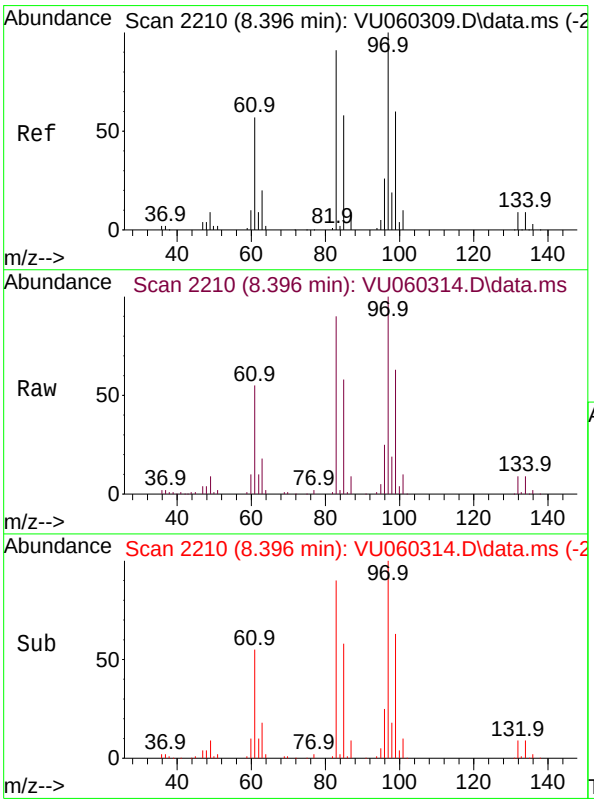
#51
cis-1,3-Dichloropropene
Concen: 10.079 ug/l
RT: 7.602 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 147824

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.0
39	33.6	28.0	42.0

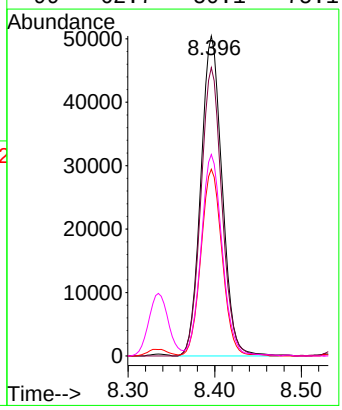


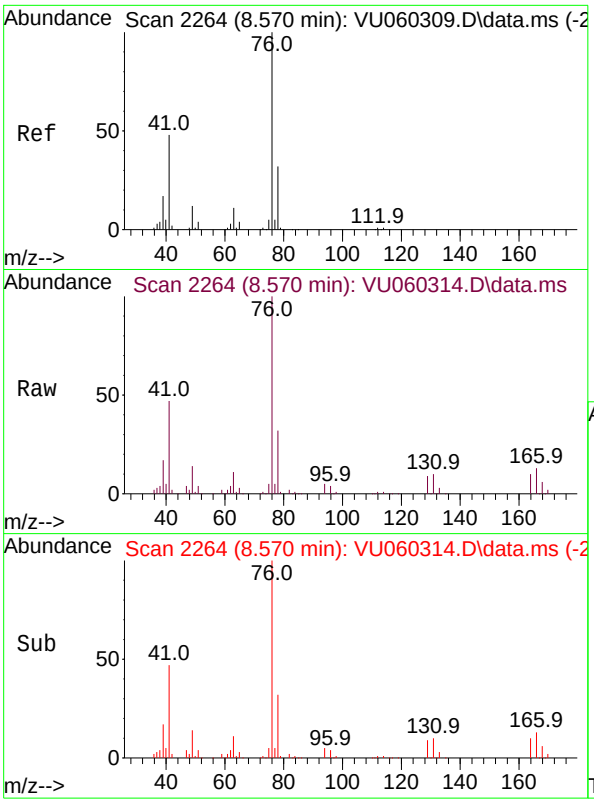


#52
1,1,2-Trichloroethane
Concen: 9.549 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 97 Resp: 86226

Ion	Ratio	Lower	Upper
97	100		
83	90.1	73.0	109.4
85	58.4	46.2	69.4
99	62.7	50.1	75.1



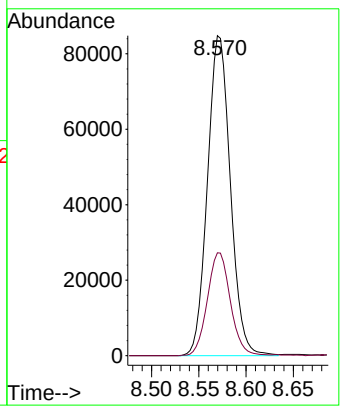


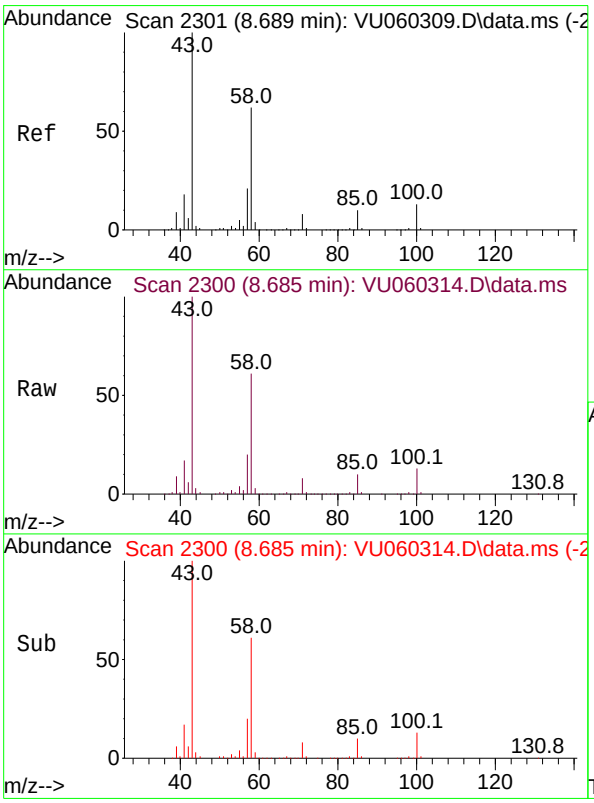
#53
1,3-Dichloropropane
Concen: 9.909 ug/l
RT: 8.570 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 142760

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2

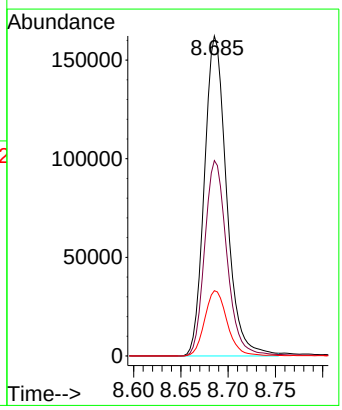


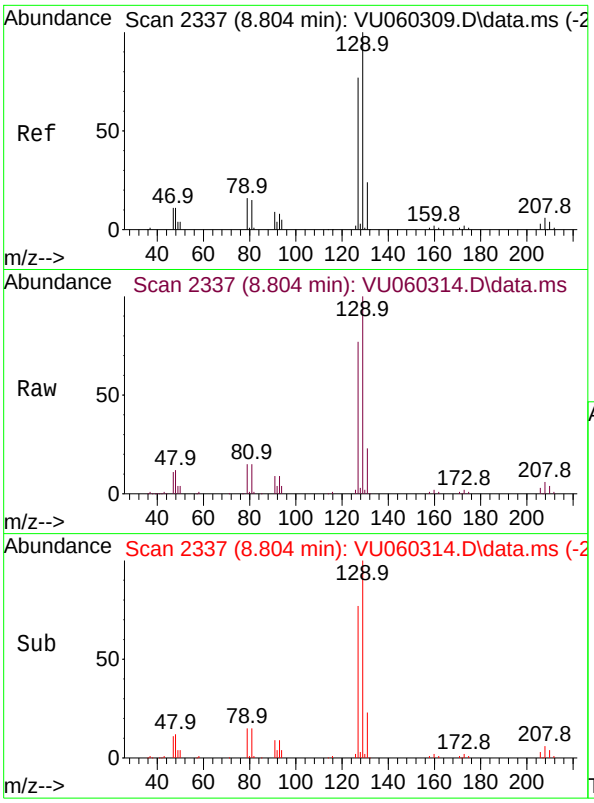


#54
2-Hexanone
Concen: 59.305 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. -0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 43 Resp: 265475

Ion	Ratio	Lower	Upper
43	100		
58	61.5	40.1	80.1
57	20.6	0.3	40.3



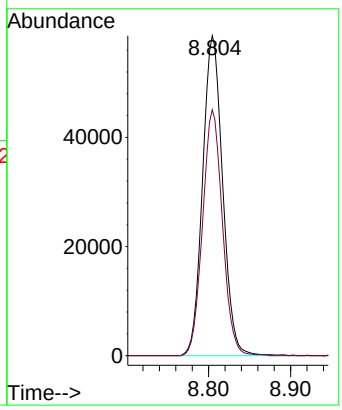


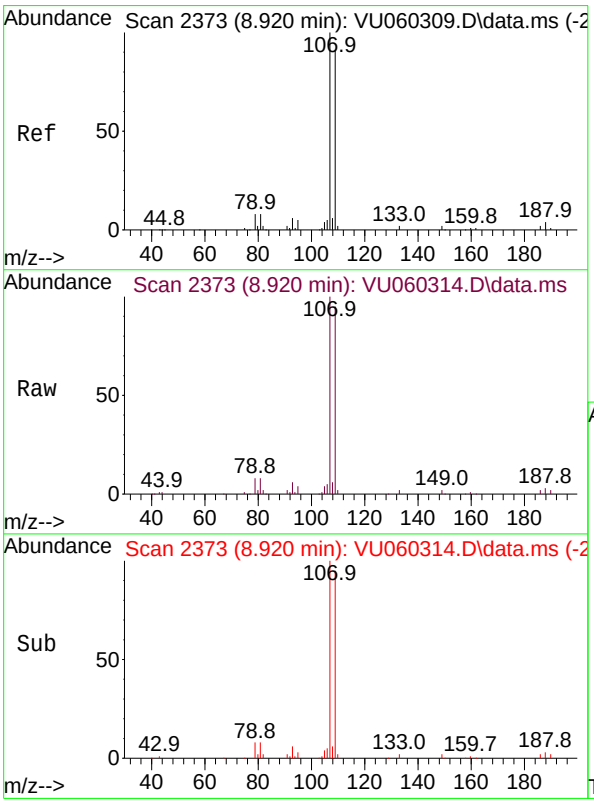
#55
Dibromochloromethane
Concen: 10.073 ug/l
RT: 8.804 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 99764

Ion	Ratio	Lower	Upper
129	100		
127	76.0	61.6	92.4

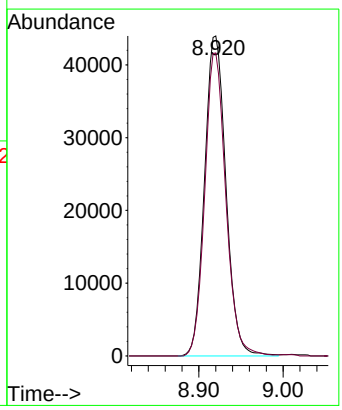


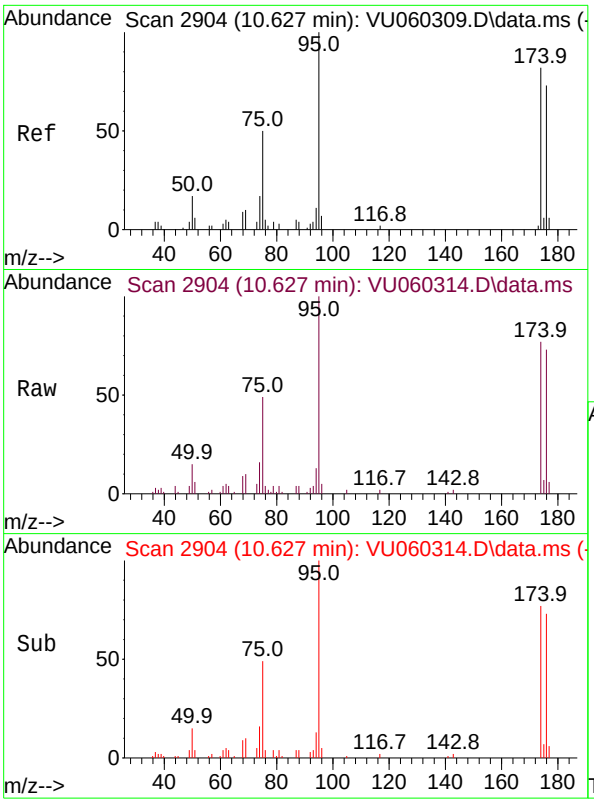


#56
1,2-Dibromoethane
Concen: 9.592 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:107 Resp: 77667

Ion	Ratio	Lower	Upper
107	100		
109	93.3	0.0	184.0



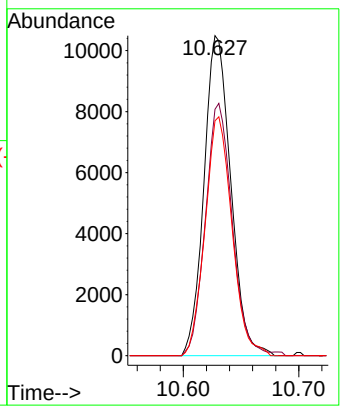


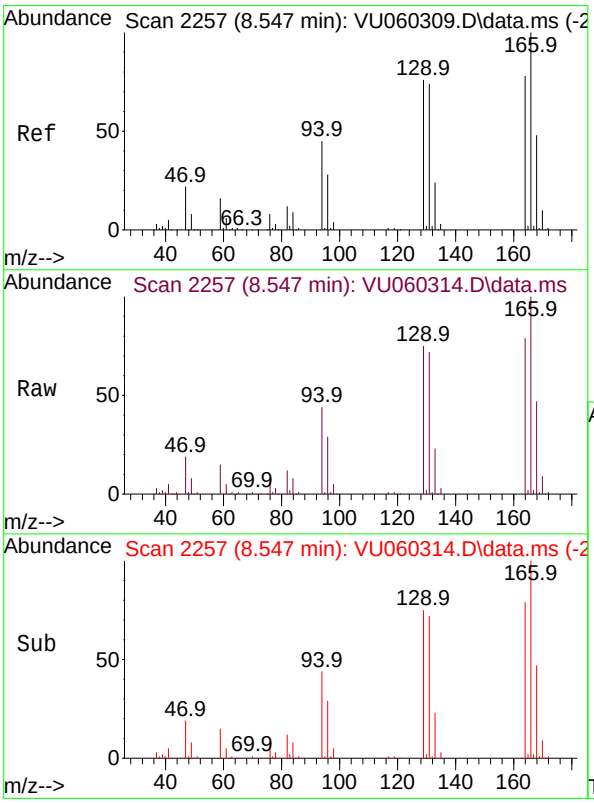
#57
4-Bromofluorobenzene
Concen: 1.366 ug/l
RT: 10.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 16931

Ion	Ratio	Lower	Upper
95	100		
174	78.5	65.6	98.4
176	75.0	60.4	90.6

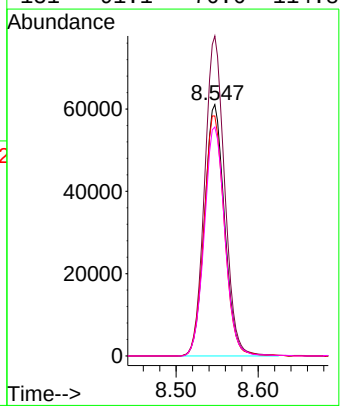


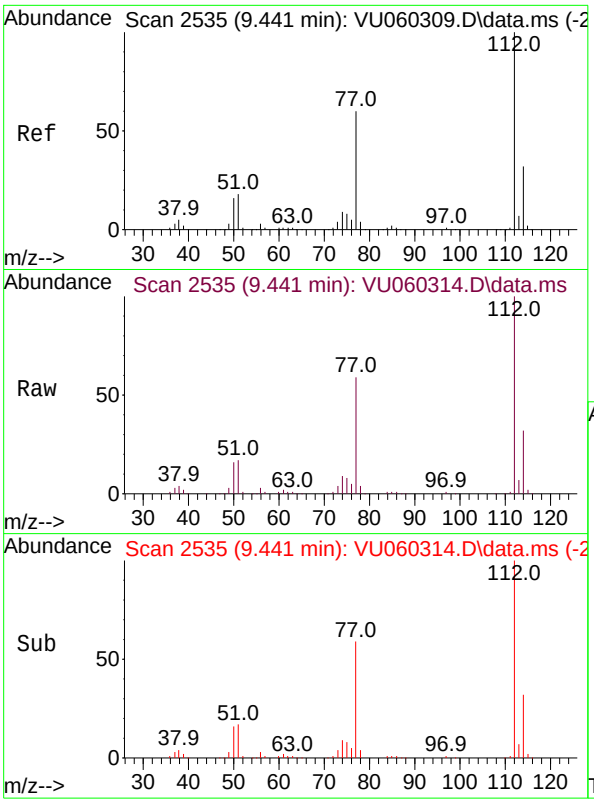


#58
Tetrachloroethene
Concen: 10.461 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:164 Resp: 104027

Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.9	154.3
129	95.5	78.0	117.0
131	91.1	76.6	114.8



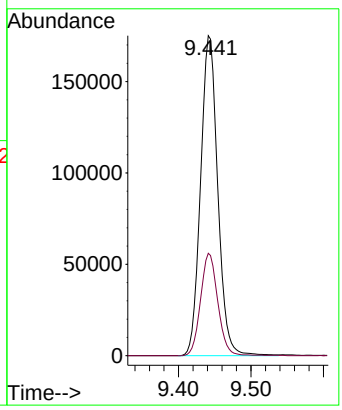


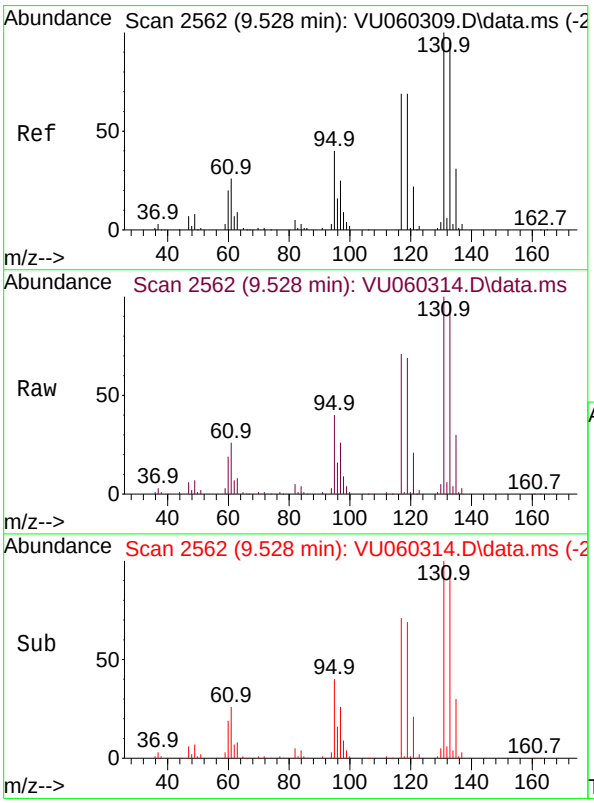
#59
Chlorobenzene
Concen: 10.685 ug/l
RT: 9.441 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 288346

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.3	37.9

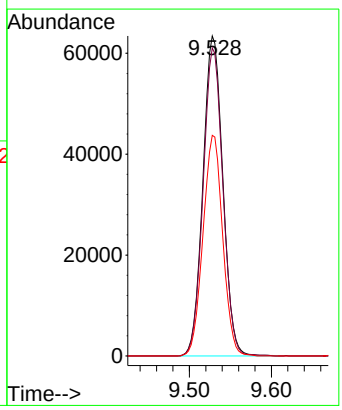


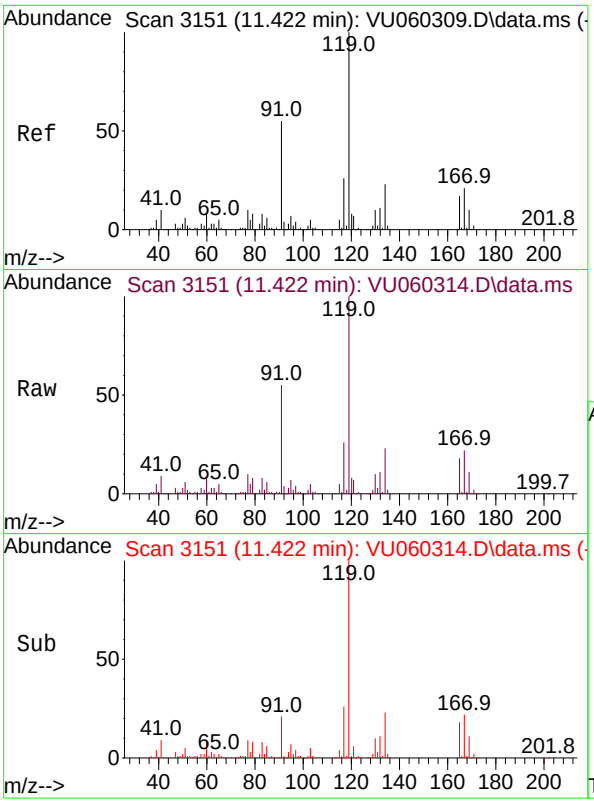


#60
1,1,1,2-Tetrachloroethane
Concen: 10.042 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:131 Resp: 106767

Ion	Ratio	Lower	Upper
131	100		
133	95.7	77.2	115.8
119	68.2	55.4	83.2



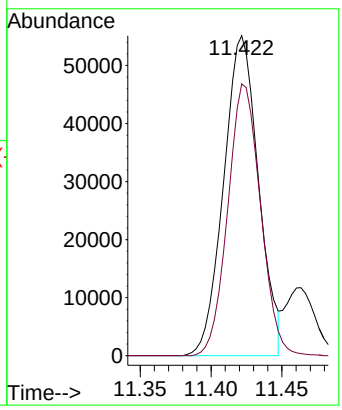


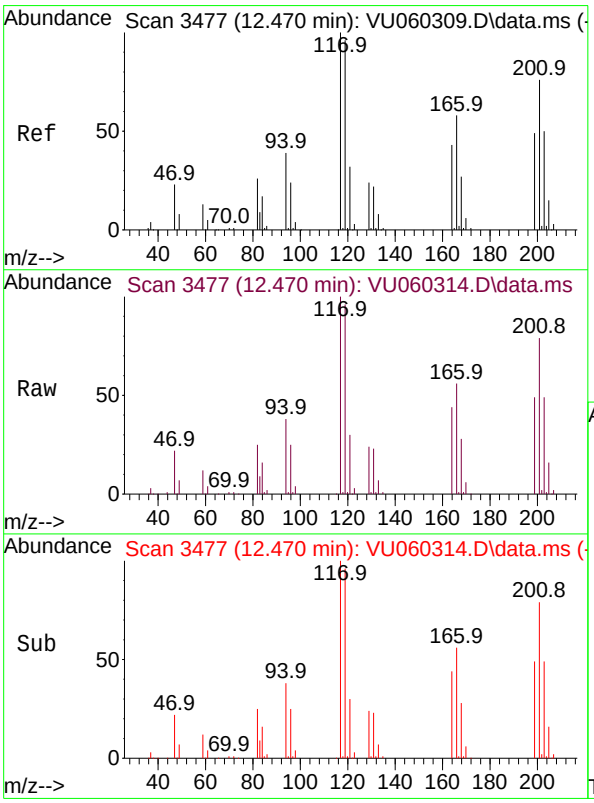
#61
Pentachloroethane
Concen: 10.407 ug/l
RT: 11.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 94503

Ion	Ratio	Lower	Upper
117	100		
167	79.7	62.2	93.4

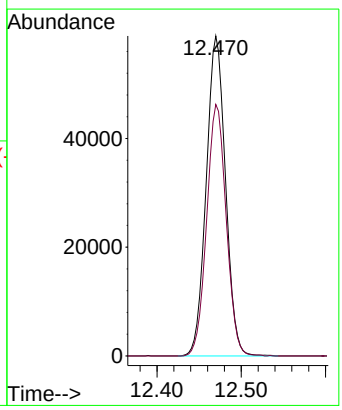


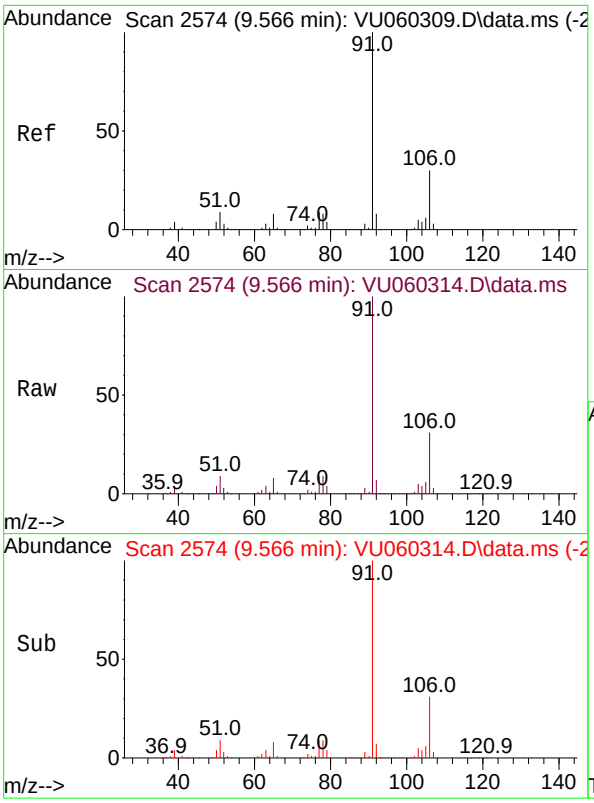


#62
Hexachloroethane
Concen: 10.672 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:117 Resp: 93671

Ion	Ratio	Lower	Upper
117	100		
201	79.6	62.7	94.1



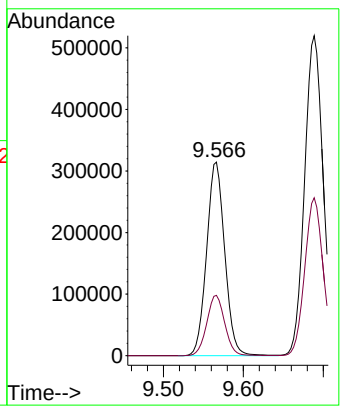


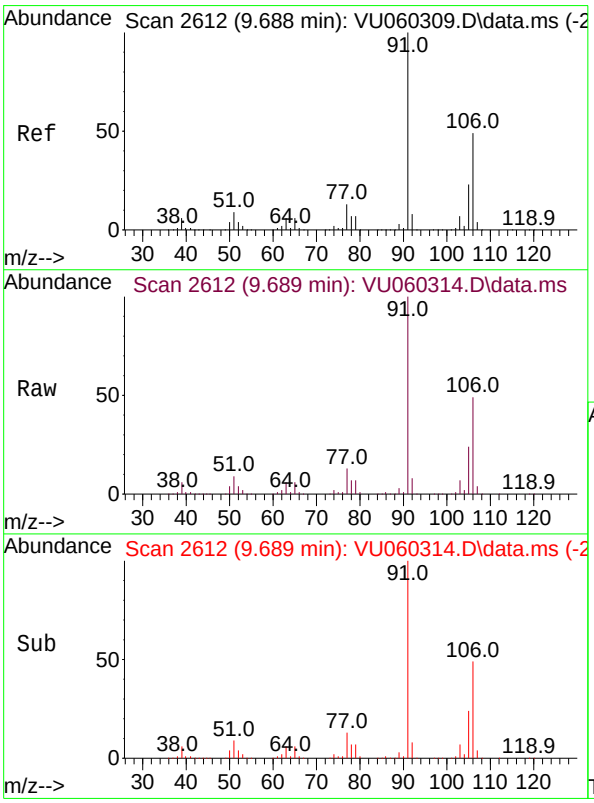
#63
Ethyl Benzene
Concen: 9.549 ug/l
RT: 9.566 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 495629

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.4	36.6

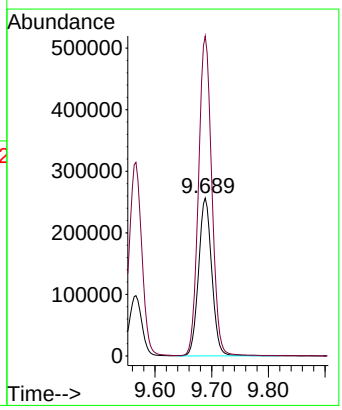


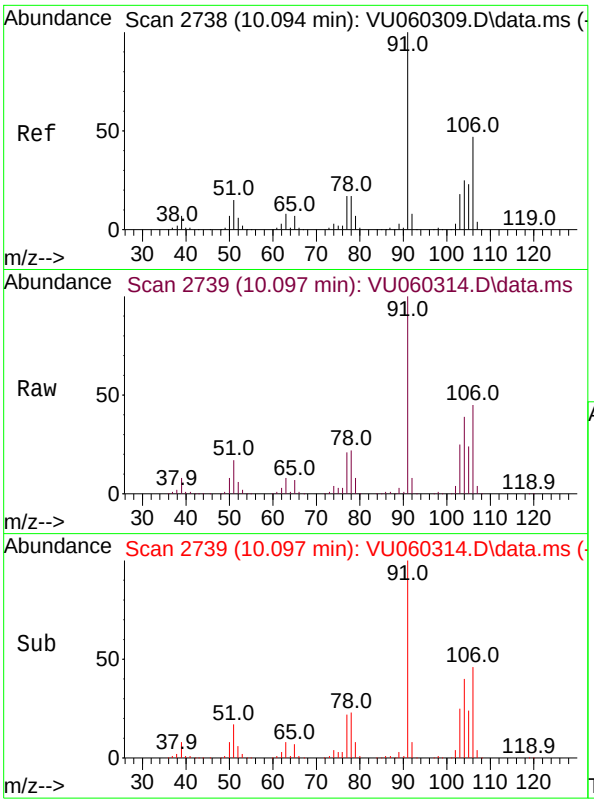


#64
m/p-Xylenes
Concen: 19.836 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.001 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:106 Resp: 413930

Ion	Ratio	Lower	Upper
106	100		
91	203.7	165.0	247.4



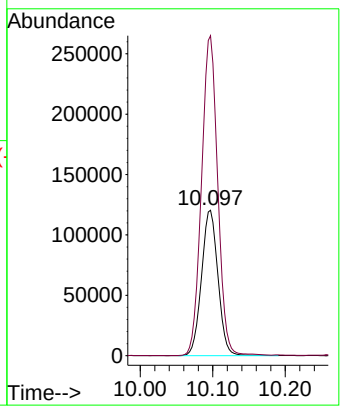


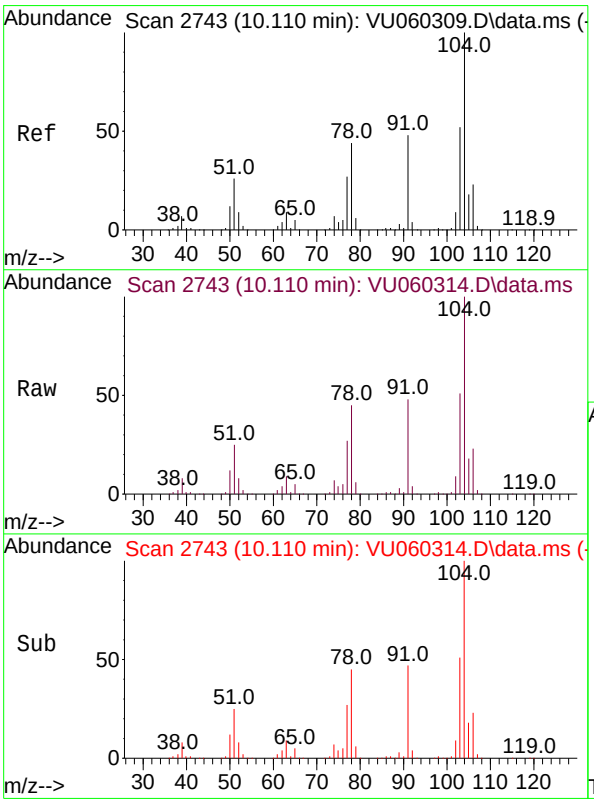
#65
o-Xylene
Concen: 9.646 ug/l
RT: 10.097 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 189743

Ion	Ratio	Lower	Upper
106	100		
91	217.7	108.8	326.4

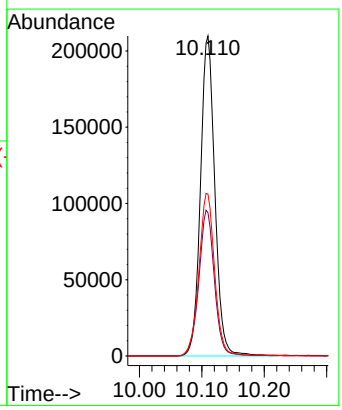


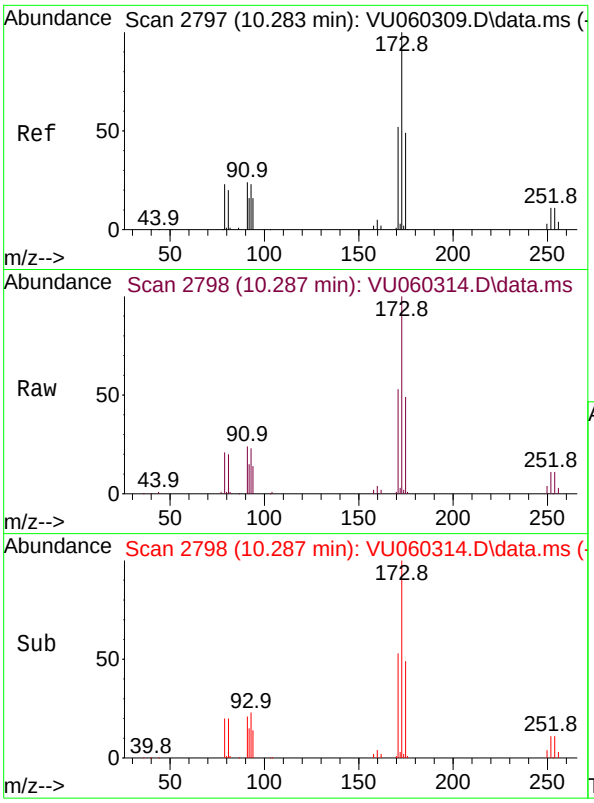


#66
Styrene
Concen: 9.978 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:104 Resp: 337591

Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.0	58.6
103	55.4	45.0	67.6



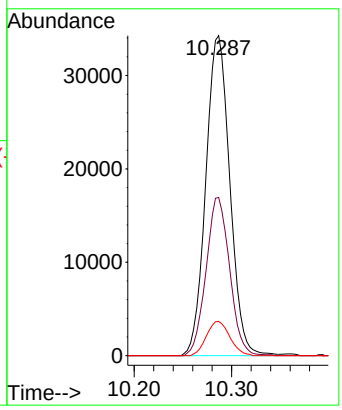


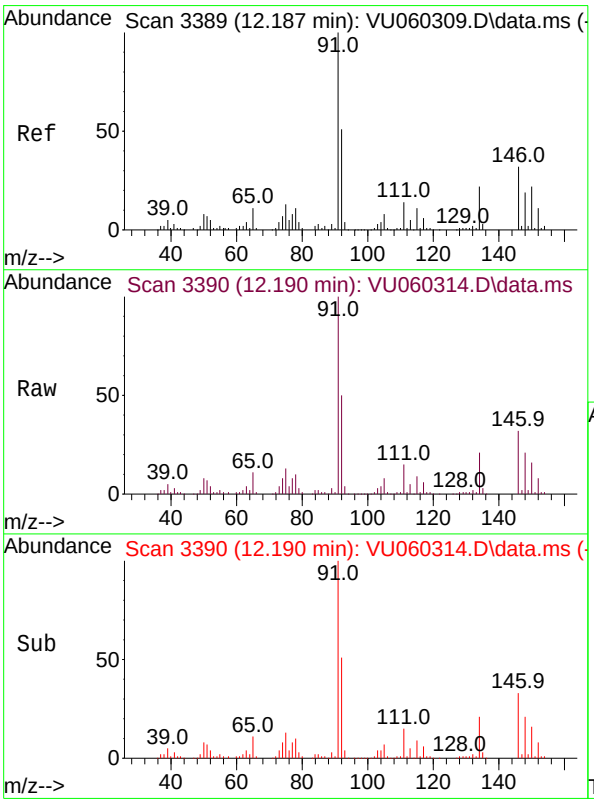
#67
Bromoform
Concen: 10.120 ug/l
RT: 10.287 min Scan# 2
Delta R.T. 0.004 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:173 Resp: 58705

Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.7	59.5
254	10.4	8.2	12.4

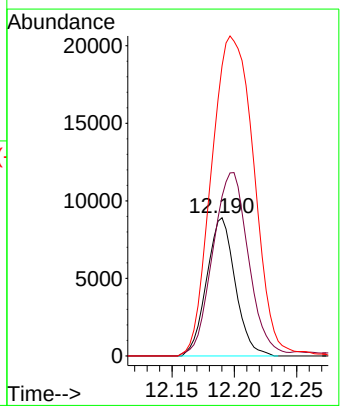


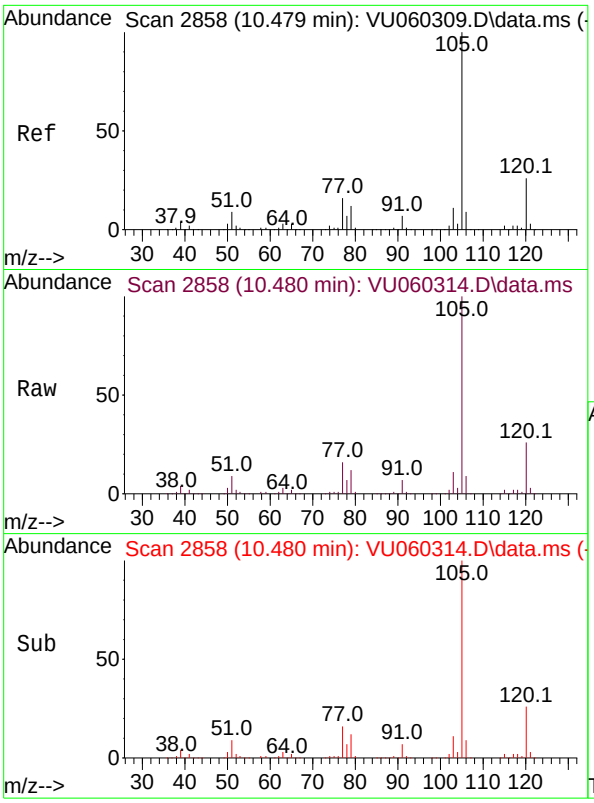


#68
1,2-Dichlorobenzene-d4
Concen: 1.056 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:152 Resp: 14211

Ion	Ratio	Lower	Upper
152	100		
115	166.1	0.0	325.2
150	344.2	0.0	684.2



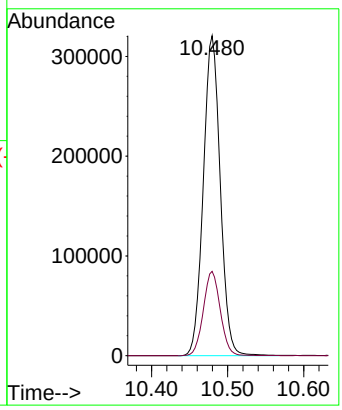


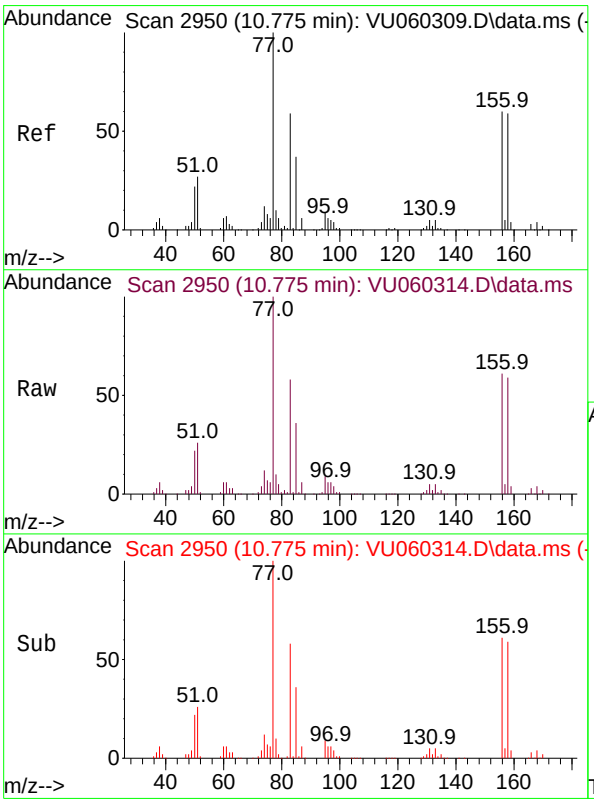
#69
Isopropylbenzene
Concen: 9.764 ug/l
RT: 10.480 min Scan# 2
Delta R.T. 0.001 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 496083

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.0	39.0

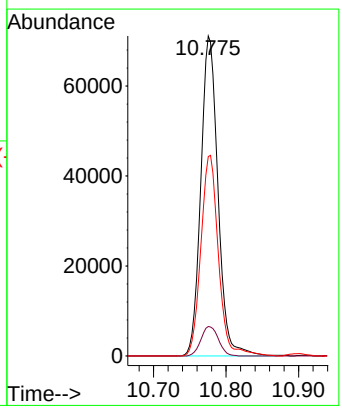


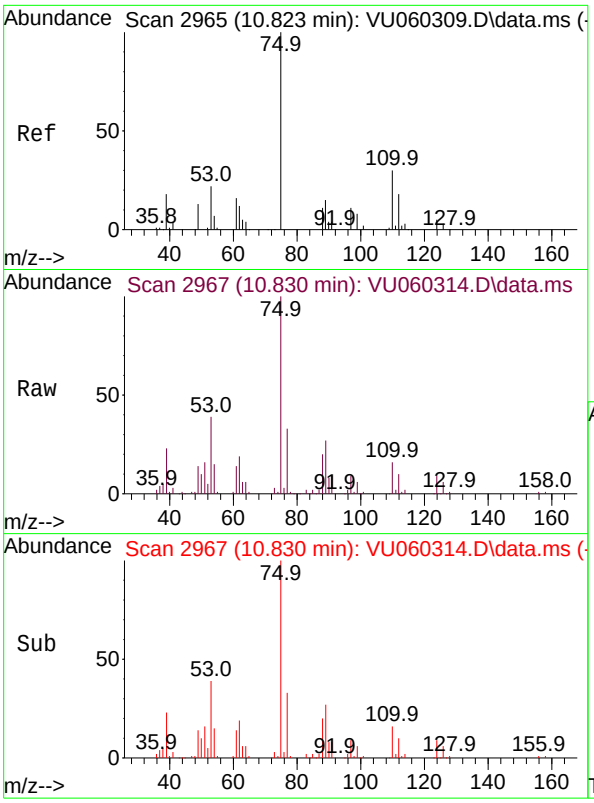


#70
1,1,2,2-Tetrachloroethane
Concen: 9.748 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 83 Resp: 117126

Ion	Ratio	Lower	Upper
83	100		
131	9.4	7.1	10.7
85	64.2	50.9	76.3



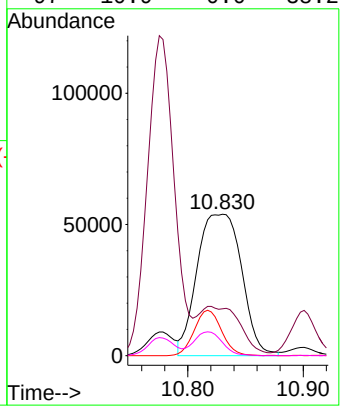


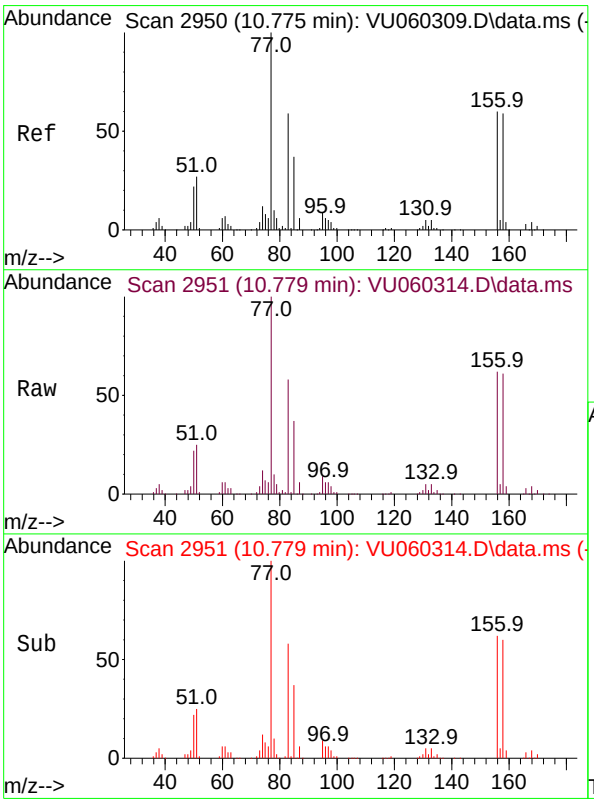
#71
1,2,3-Trichloropropane
Concen: 16.258 ug/l
RT: 10.830 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 144693

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	102.2
110	19.8	0.0	67.4
97	10.9	0.0	38.2

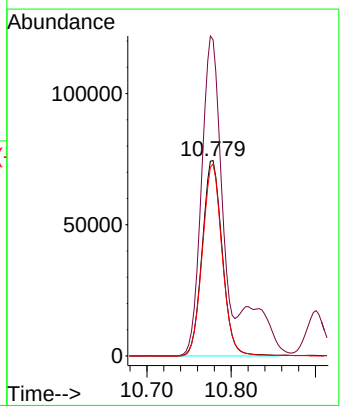


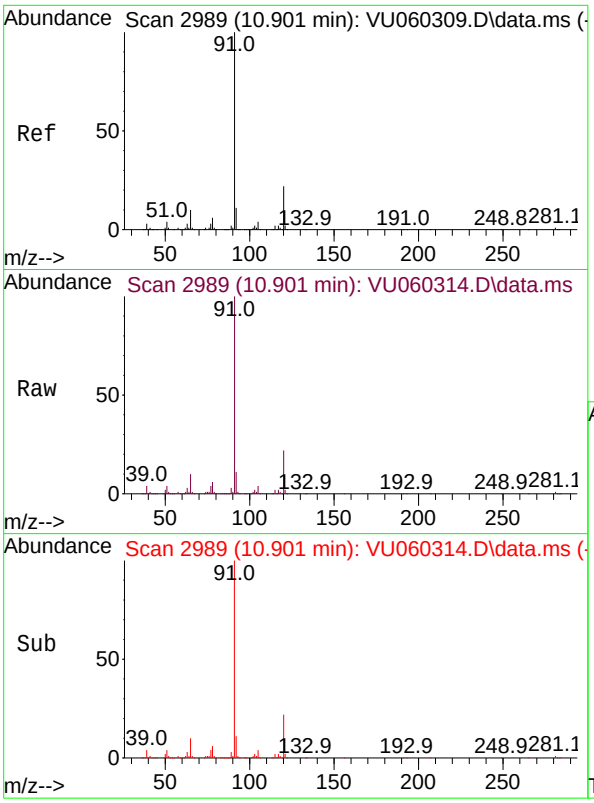


#72
Bromobenzene
Concen: 11.105 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:156 Resp: 123056

Ion	Ratio	Lower	Upper
156	100		
77	162.5	0.0	327.2
158	97.0	0.0	193.8



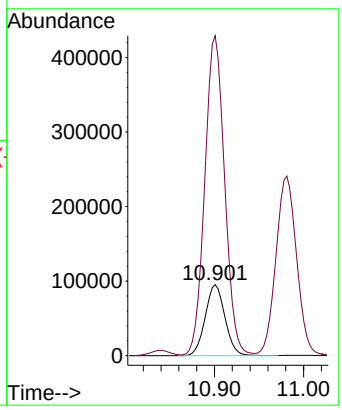


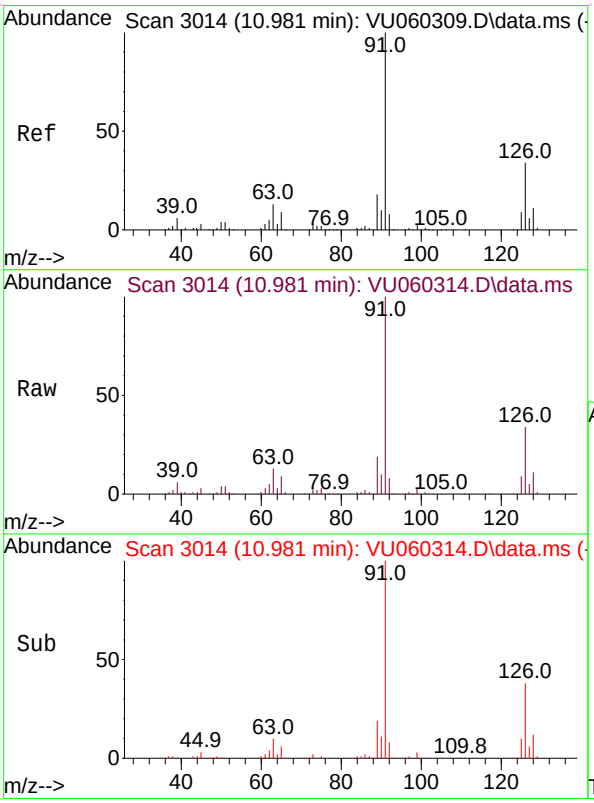
#73
n-propylbenzene
Concen: 10.013 ug/l
RT: 10.901 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:120 Resp: 146267

Ion	Ratio	Lower	Upper
120	100		
91	451.2	362.2	543.2

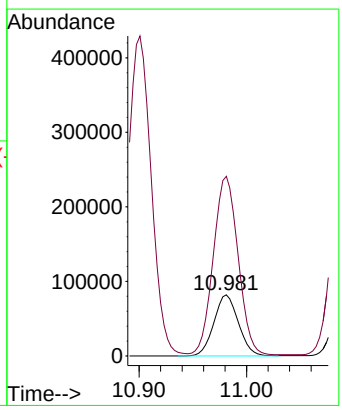


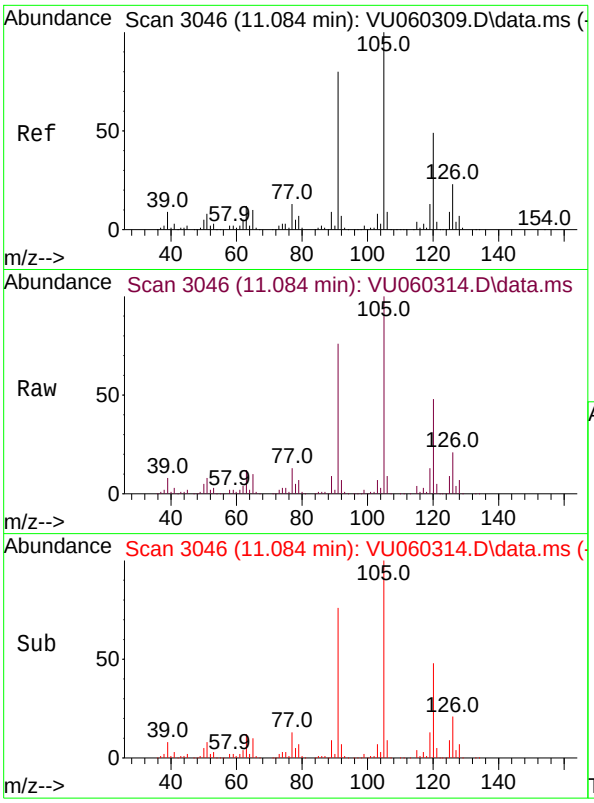


#74
2-Chlorotoluene
Concen: 10.061 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:126 Resp: 129791

Ion	Ratio	Lower	Upper
126	100		
91	297.9	0.0	585.6



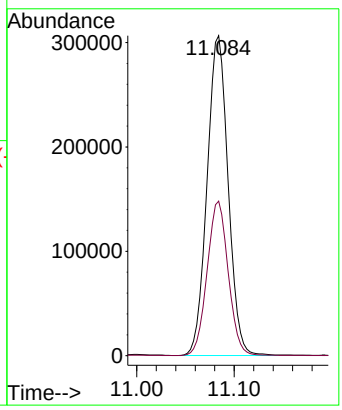


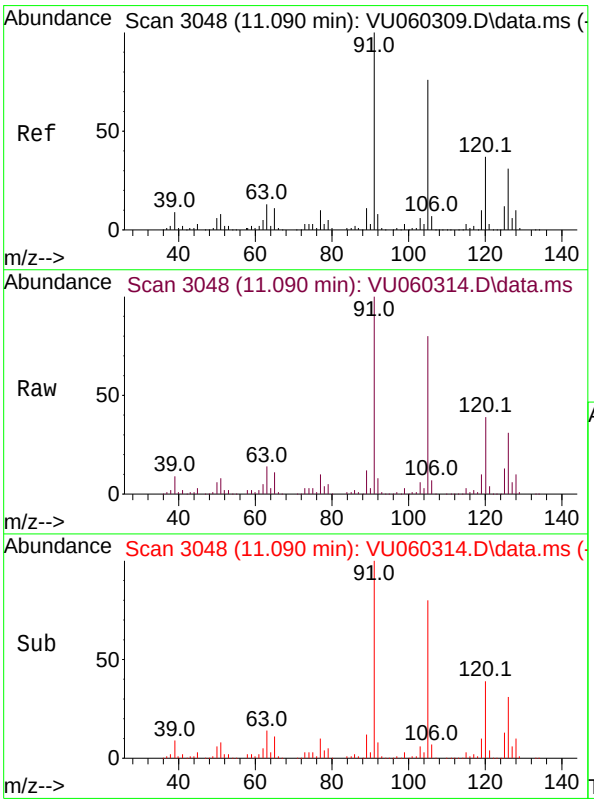
#75
1,3,5-Trimethylbenzene
Concen: 10.127 ug/l
RT: 11.084 min Scan# 3(
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 459991

Ion	Ratio	Lower	Upper
105	100		
120	48.4	38.6	57.8

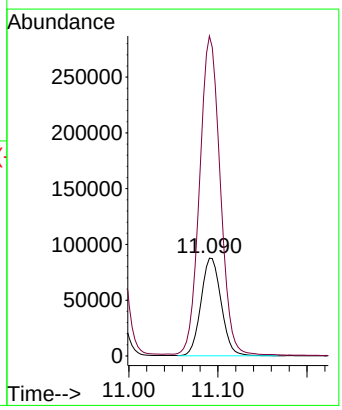


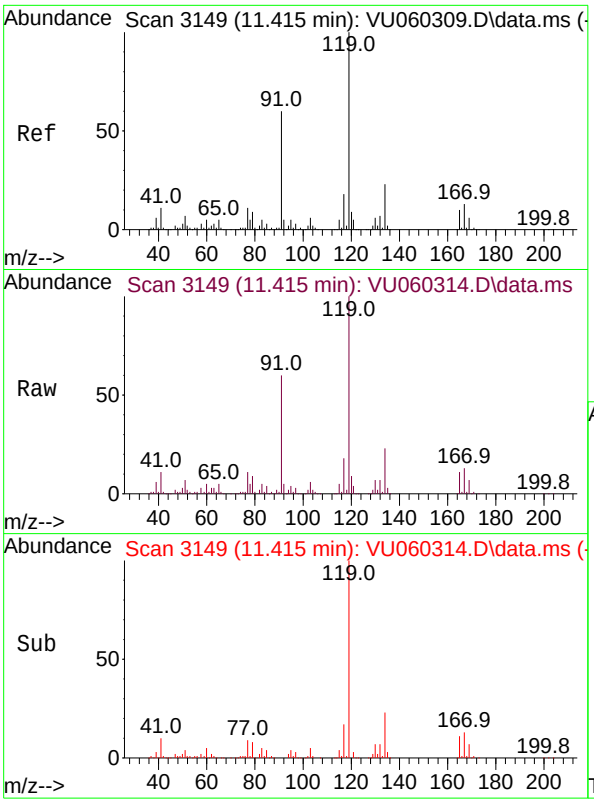


#76
4-Chlorotoluene
Concen: 10.163 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:126 Resp: 137699

Ion	Ratio	Lower	Upper
126	100		
91	335.3	0.0	669.4



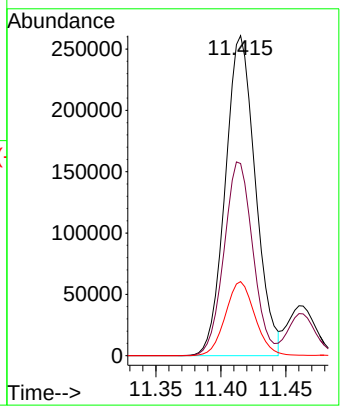


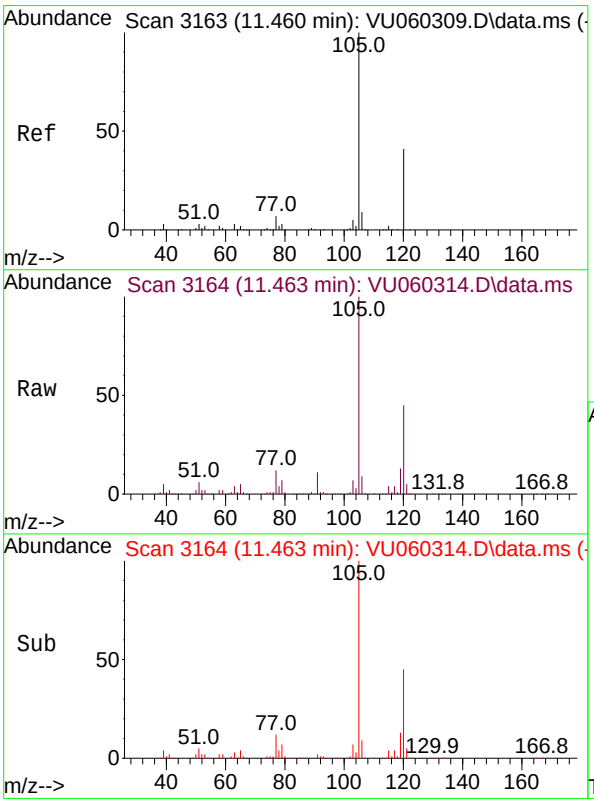
#77
tert-Butylbenzene
Concen: 9.824 ug/l
RT: 11.415 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:119 Resp: 420854

Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.0	87.1
134	22.8	17.8	26.8

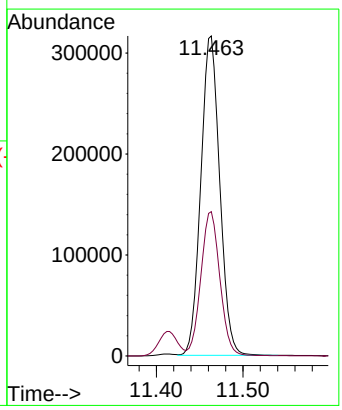


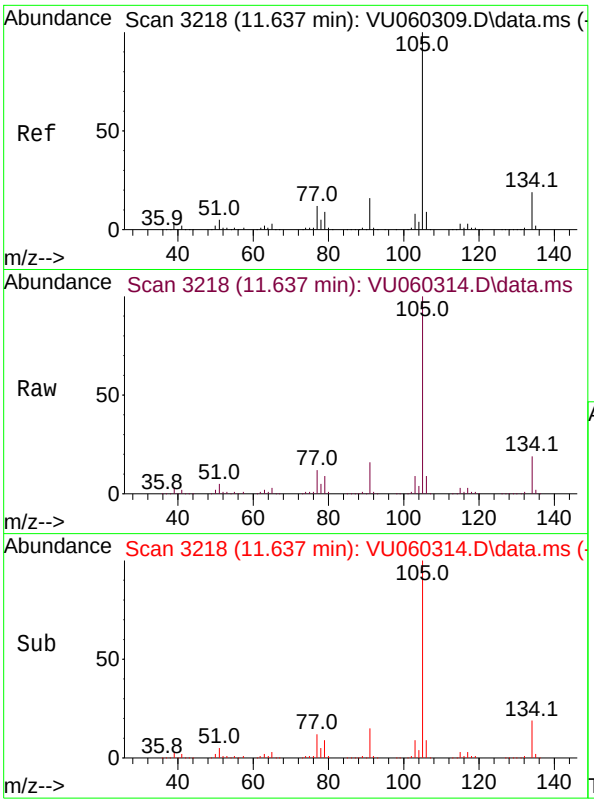


#78
1,2,4-Trimethylbenzene
Concen: 10.144 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:105 Resp: 480373

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.6	67.7



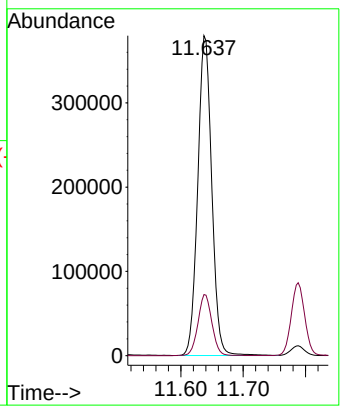


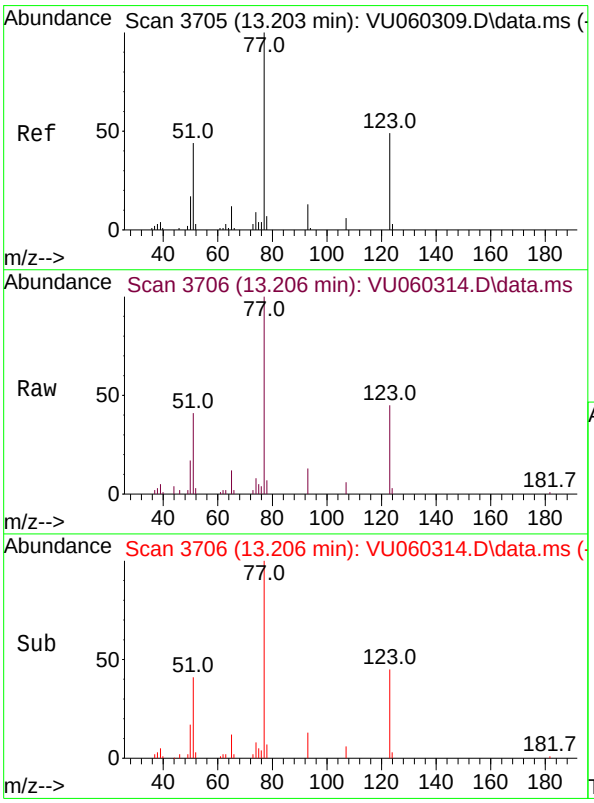
#79
sec-Butylbenzene
Concen: 10.063 ug/l
RT: 11.637 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 591703

Ion	Ratio	Lower	Upper
105	100		
134	19.1	15.5	23.3

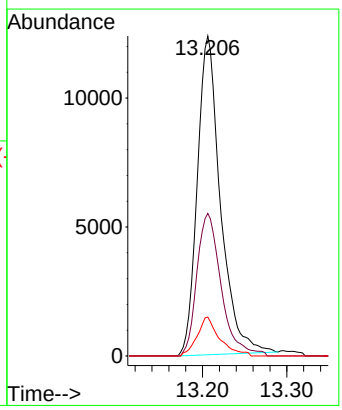


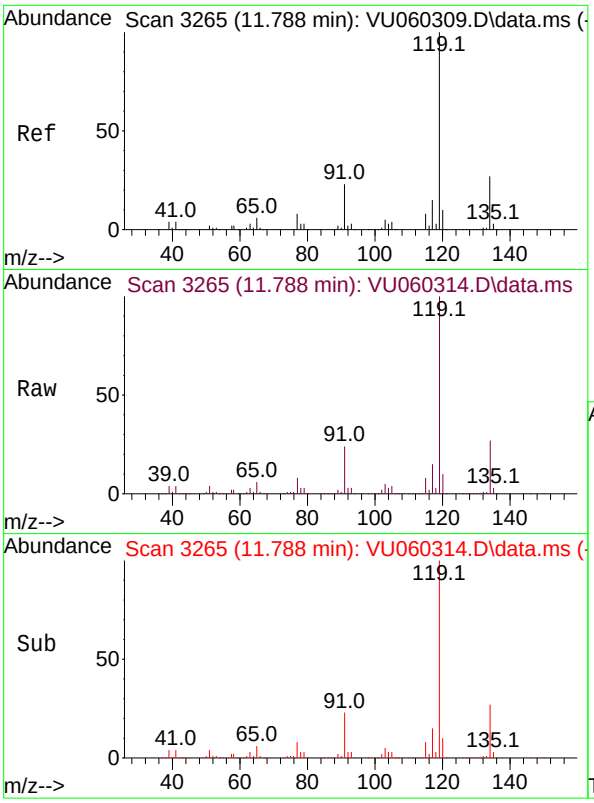


#80
Nitrobenzene
Concen: 44.863 ug/l
RT: 13.206 min Scan# 3706
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 77 Resp: 23671

Ion	Ratio	Lower	Upper
77	100		
123	46.8	19.6	69.6
65	11.9	9.0	11.4#



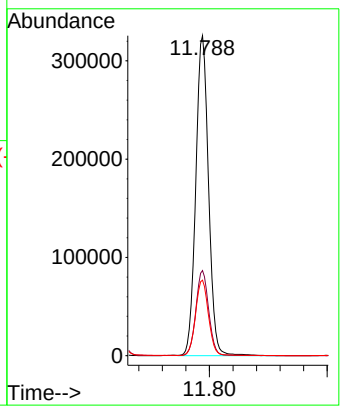


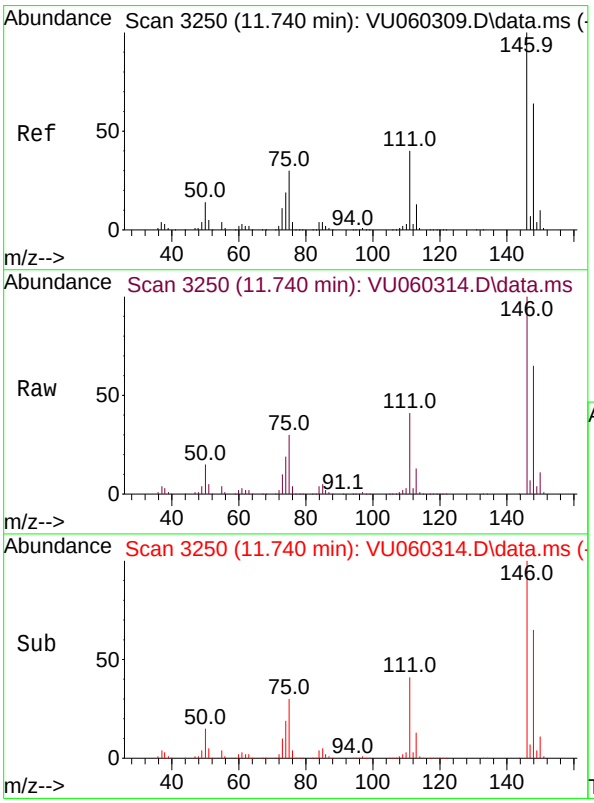
#81
p-Isopropyltoluene
Concen: 10.016 ug/l
RT: 11.788 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:119 Resp: 489598

Ion	Ratio	Lower	Upper
119	100		
134	26.5	21.2	31.8
91	23.7	18.9	28.3

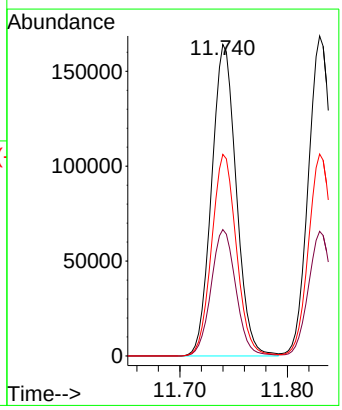


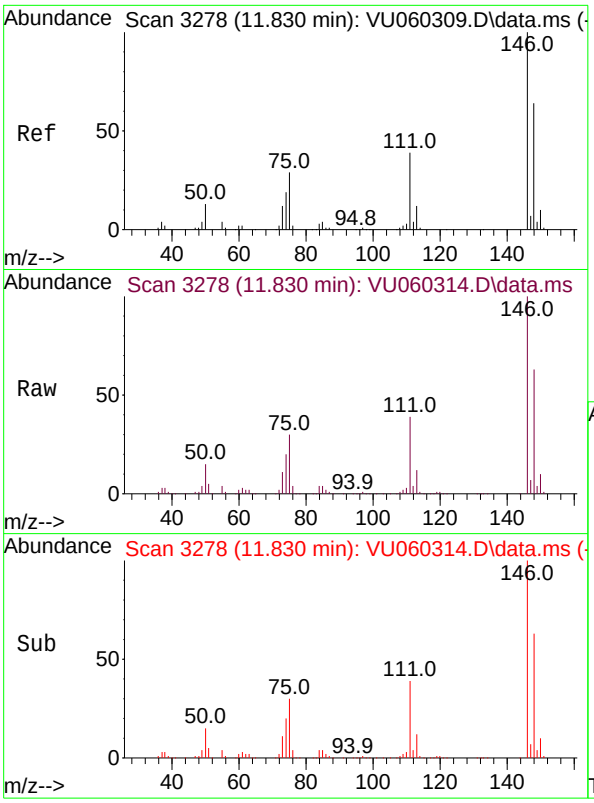


#82
1,3-Dichlorobenzene
Concen: 11.329 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:146 Resp: 261905

Ion	Ratio	Lower	Upper
146	100		
111	40.7	32.0	48.0
148	65.0	51.4	77.0



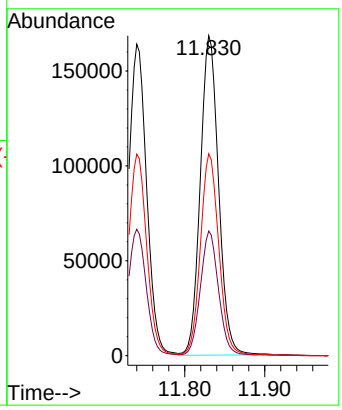


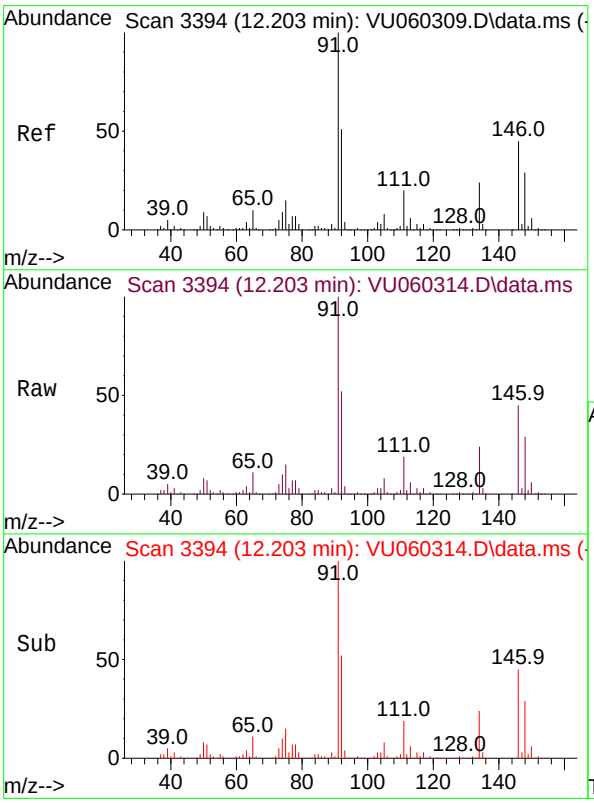
#83
1,4-Dichlorobenzene
Concen: 11.692 ug/l
RT: 11.830 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 268322

Ion	Ratio	Lower	Upper
146	100		
111	38.5	30.9	46.3
148	62.5	51.8	77.6

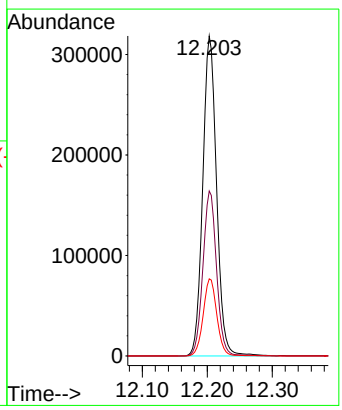


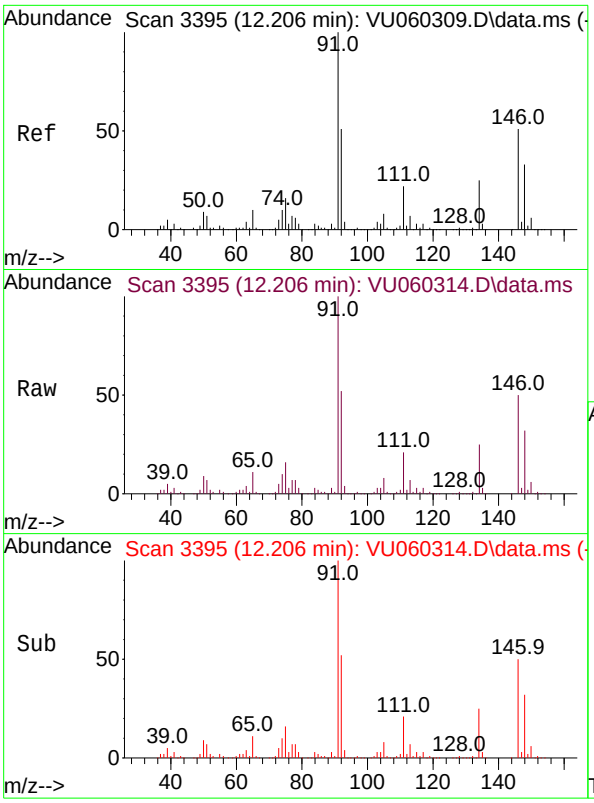


#84
n-Butylbenzene
Concen: 10.007 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 91 Resp: 472139

Ion	Ratio	Lower	Upper
91	100		
92	51.1	41.0	61.6
134	23.8	19.4	29.2



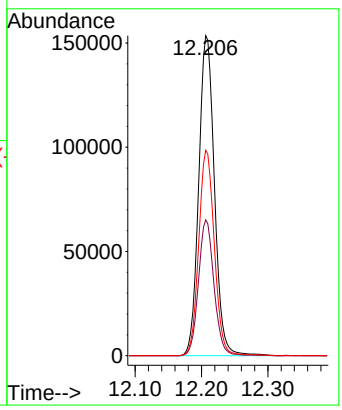


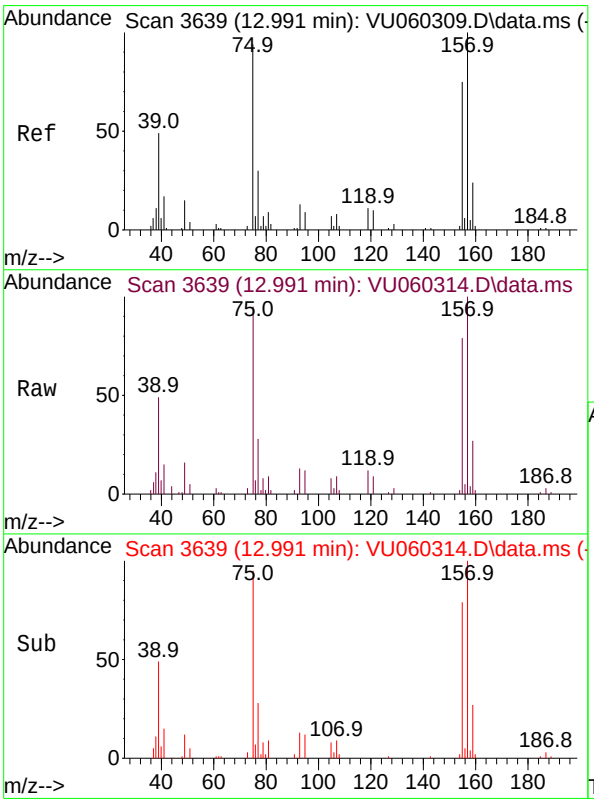
#85
1,2-Dichlorobenzene
Concen: 11.305 ug/l
RT: 12.206 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 252798

Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.7
148	63.5	32.0	96.0

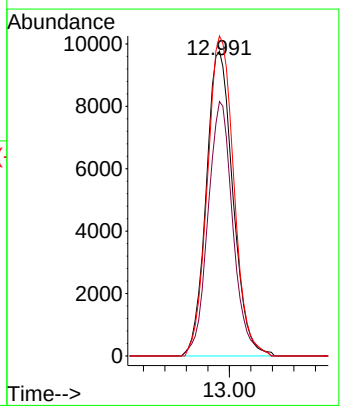


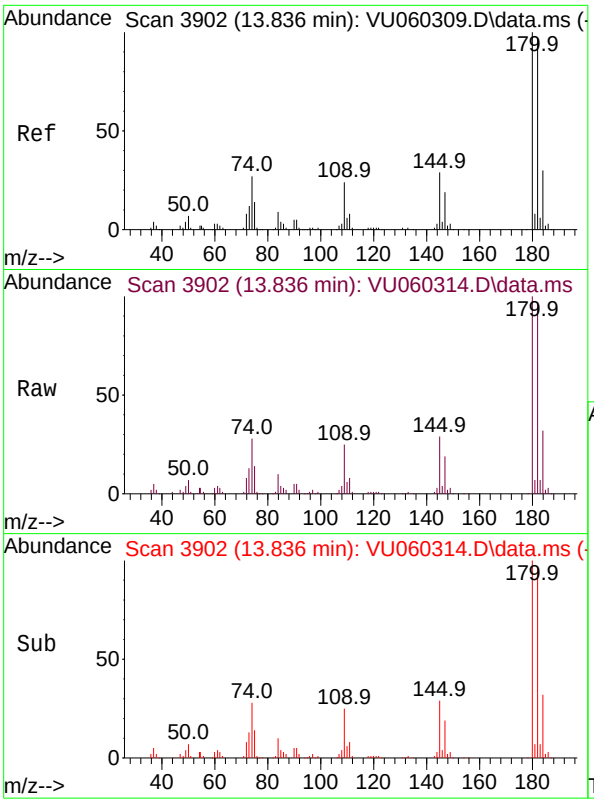


#86
1,2-Dibromo-3-Chloropropane
Concen: 9.659 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion: 75 Resp: 16826

Ion	Ratio	Lower	Upper
75	100		
155	78.0	66.1	99.1
157	103.9	85.0	127.4



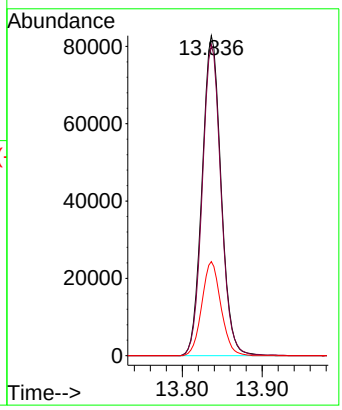


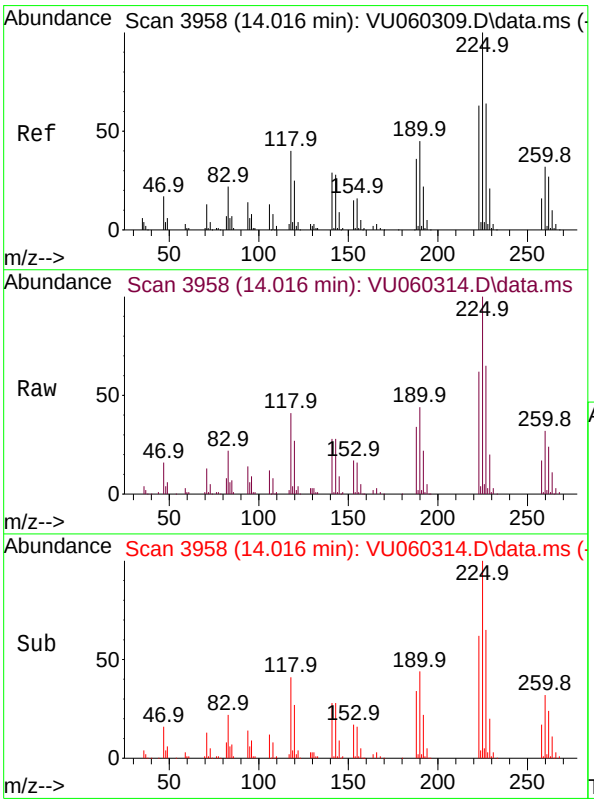
#87
1,2,4-Trichlorobenzene
Concen: 10.692 ug/l
RT: 13.836 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 136743

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	29.6	23.4	35.0

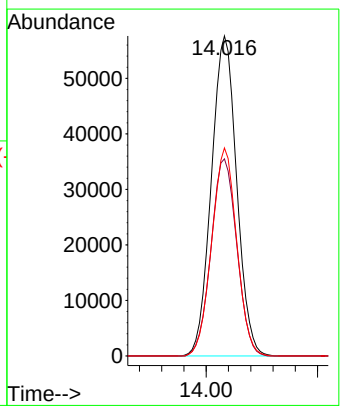


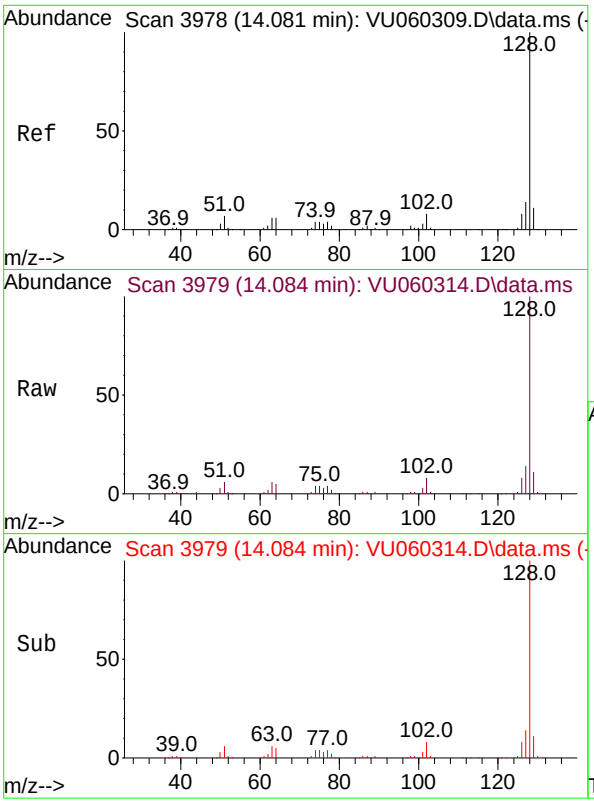


#88
Hexachlorobutadiene
Concen: 11.006 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:225 Resp: 91017

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.8	76.2
227	64.0	50.8	76.2



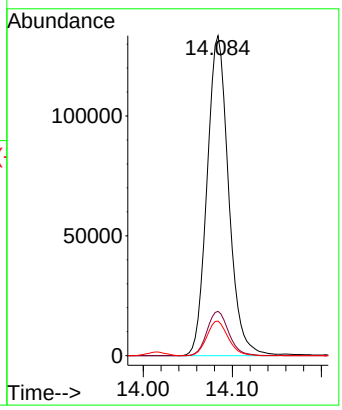


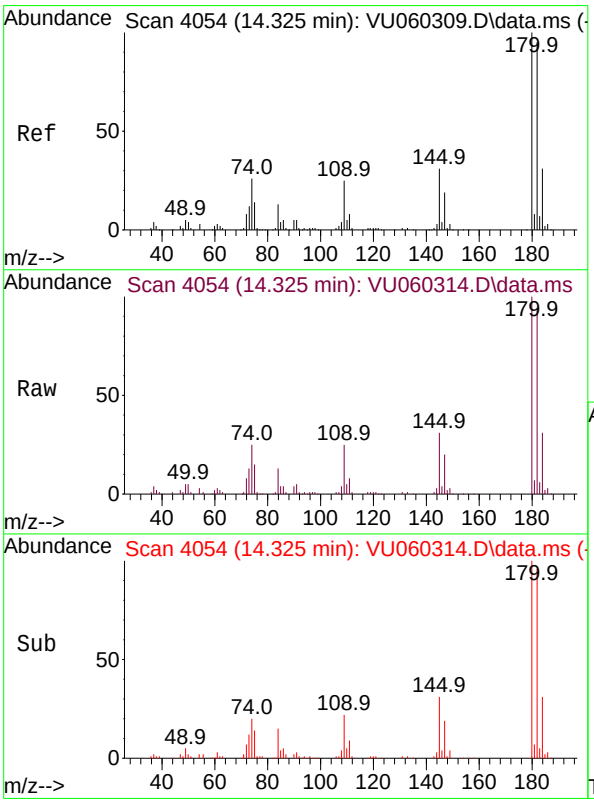
#89
Naphthalene
Concen: 9.927 ug/l
RT: 14.084 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Instrument :
MSVOA_U
ClientSampleId :

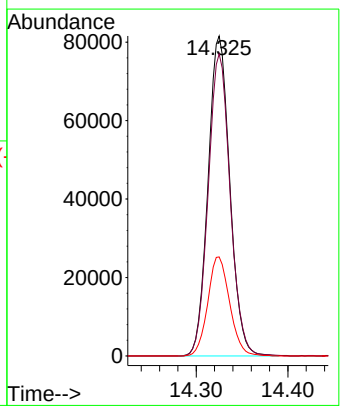
Tgt Ion:128 Resp: 224611

Ion	Ratio	Lower	Upper
128	100		
127	13.9	11.0	16.4
129	10.7	8.6	12.8





#90
1,2,3-Trichlorobenzene
Concen: 10.778 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU060314.D
Acq: 06 Aug 2024 09:55

Tgt Ion:180 Resp: 134566

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.1	114.1
145	31.2	25.0	37.6